

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041224\  
 Data File : VN081728.D  
 Acq On : 12 Apr 2024 19:19  
 Operator : JC\MD  
 Sample : VN0412WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 13 07:01:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 19 06:00:00 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.230  | 168   | 237120   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 433996   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.871 | 117   | 401619   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 196583   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.583  | 65    | 176239   | 58.282   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 116.560% |
| 35) Dibromofluoromethane     | 8.165  | 113   | 145495   | 53.121   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 106.240% |
| 50) Toluene-d8               | 10.571 | 98    | 508579   | 51.366   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 102.740% |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 194115   | 55.641   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 64 - 133 | Recovery | =      | 111.280% |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 62103    | 19.451   | ug/l   | 100      |
| 3) Chloromethane             | 2.365  | 50    | 67230    | 21.149   | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.512  | 62    | 52110    | 14.606   | ug/l   | 93       |
| 5) Bromomethane              | 2.959  | 94    | 35735    | 14.163   | ug/l   | 86       |
| 6) Chloroethane              | 3.124  | 64    | 42105    | 17.189   | ug/l # | 87       |
| 7) Trichlorofluoromethane    | 3.495  | 101   | 107888   | 20.291   | ug/l   | 88       |
| 8) Diethyl Ether             | 3.959  | 74    | 30654    | 17.421   | ug/l   | 83       |
| 9) 1,1,2-Trichlorotrifluo... | 4.377  | 101   | 62314    | 20.626   | ug/l # | 88       |
| 10) Methyl Iodide            | 4.589  | 142   | 44834    | 14.902   | ug/l   | 92       |
| 11) Tert butyl alcohol       | 5.518  | 59    | 49941    | 94.770   | ug/l # | 88       |
| 12) 1,1-Dichloroethene       | 4.348  | 96    | 53328    | 19.057   | ug/l   | 82       |
| 13) Acrolein                 | 4.177  | 56    | 40472    | 85.589   | ug/l   | 100      |
| 14) Allyl chloride           | 5.024  | 41    | 65614    | 18.712   | ug/l # | 81       |
| 15) Acrylonitrile            | 5.718  | 53    | 140624   | 99.749   | ug/l   | 99       |
| 16) Acetone                  | 4.424  | 43    | 102093   | 104.469  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.712  | 76    | 155595   | 19.376   | ug/l   | 98       |
| 18) Methyl Acetate           | 5.030  | 43    | 58129    | 19.294   | ug/l # | 88       |
| 19) Methyl tert-butyl Ether  | 5.794  | 73    | 173979   | 19.865   | ug/l   | 96       |
| 20) Methylene Chloride       | 5.289  | 84    | 66040    | 20.630   | ug/l # | 76       |
| 21) trans-1,2-Dichloroethene | 5.794  | 96    | 60332    | 19.336   | ug/l # | 81       |
| 22) Diisopropyl ether        | 6.671  | 45    | 178122   | 21.862   | ug/l # | 89       |
| 23) Vinyl Acetate            | 6.600  | 43    | 661689   | 102.029  | ug/l # | 93       |
| 24) 1,1-Dichloroethane       | 6.571  | 63    | 112974   | 20.702   | ug/l # | 93       |
| 25) 2-Butanone               | 7.483  | 43    | 164084   | 97.891   | ug/l   | 93       |
| 26) 2,2-Dichloropropane      | 7.494  | 77    | 94377    | 19.940   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.483  | 96    | 76319    | 21.618   | ug/l   | 82       |
| 28) Bromochloromethane       | 7.812  | 49    | 47047    | 21.166   | ug/l # | 59       |
| 29) Tetrahydrofuran          | 7.841  | 42    | 112687   | 99.794   | ug/l # | 77       |
| 30) Chloroform               | 7.965  | 83    | 133171   | 22.795   | ug/l   | 99       |
| 31) Cyclohexane              | 8.259  | 56    | 97495    | 19.813   | ug/l # | 80       |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 119185   | 22.487   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 83604    | 18.138   | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.559  | 43    | 71661    | 18.156   | ug/l # | 93       |
| 38) Carbon Tetrachloride     | 8.365  | 117   | 105577   | 20.909   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.606  | 83    | 95335    | 18.521   | ug/l   | 89       |
| 40) Benzene                  | 8.612  | 78    | 275064   | 20.412   | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041224\  
 Data File : VN081728.D  
 Acq On : 12 Apr 2024 19:19  
 Operator : JC\MD  
 Sample : VN0412WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Apr 13 07:01:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 19 06:00:00 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 39651    | 18.996  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 96524    | 20.353  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 203195   | 31.058  | ug/l   | 92       |
| 44) Trichloroethene           | 9.353  | 130  | 69054    | 18.220  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 66475    | 20.354  | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 52777    | 21.279  | ug/l # | 90       |
| 47) Bromodichloromethane      | 9.888  | 83   | 107589   | 22.187  | ug/l # | 97       |
| 48) Methyl methacrylate       | 9.682  | 41   | 57942    | 19.201  | ug/l # | 84       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 27787    | 383.166 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 400620   | 100.350 | ug/l   | 92       |
| 52) Toluene                   | 10.629 | 92   | 183394   | 21.412  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 103029   | 19.676  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 103929   | 18.512  | ug/l   | 89       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 72539    | 21.044  | ug/l   | 89       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 94553    | 19.973  | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 116422   | 20.603  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 210619   | 97.108  | ug/l # | 85       |
| 59) 2-Hexanone                | 11.194 | 43   | 297408   | 100.762 | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.365 | 129  | 84184    | 22.207  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 73209    | 20.832  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 80055    | 20.853  | ug/l   | 88       |
| 65) Chlorobenzene             | 11.894 | 112  | 203054   | 21.387  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 71827    | 20.412  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 334769   | 20.299  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.076 | 106  | 260794   | 42.181  | ug/l   | 96       |
| 69) o-Xylene                  | 12.406 | 106  | 126000   | 20.759  | ug/l   | 91       |
| 70) Styrene                   | 12.412 | 104  | 212369   | 21.694  | ug/l   | 95       |
| 71) Bromoform                 | 12.582 | 173  | 53246    | 20.137  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 317344   | 18.938  | ug/l   | 96       |
| 74) N-amyl acetate            | 12.494 | 43   | 117019   | 19.297  | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 94082    | 19.096  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 125708   | 26.733  | ug/l   | 67       |
| 77) Bromobenzene              | 12.982 | 156  | 81082    | 19.588  | ug/l   | 73       |
| 78) n-propylbenzene           | 13.035 | 91   | 380793   | 19.243  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 233005   | 19.673  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 269809   | 19.494  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 31017    | 17.825  | ug/l # | 84       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 232984   | 19.952  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 223006   | 18.685  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 280508   | 20.165  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 329781   | 19.329  | ug/l   | 94       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 267406   | 19.173  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 152065   | 19.994  | ug/l   | 93       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 150763   | 19.145  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 223680   | 18.087  | ug/l   | 95       |
| 90) Hexachloroethane          | 14.335 | 117  | 52881    | 20.021  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 148112   | 20.234  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 20651    | 19.696  | ug/l   | 83       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 68118    | 16.094  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 28770    | 15.492  | ug/l   | 97       |
| 95) Naphthalene               | 15.641 | 128  | 226382   | 16.506  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 71921    | 16.893  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041224\  
Data File : VN081728.D  
Acq On : 12 Apr 2024 19:19  
Operator : JC\MD  
Sample : VN0412WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

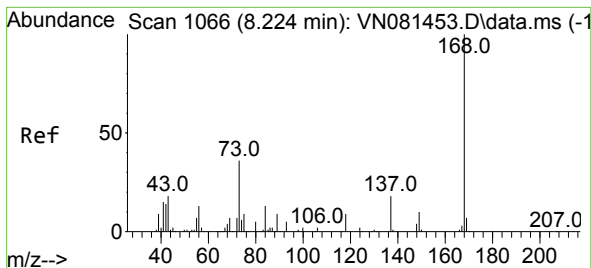
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Apr 13 07:01:22 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 19 06:00:00 2024  
Response via : Initial Calibration

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

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

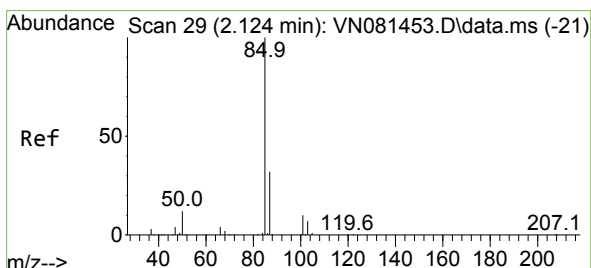
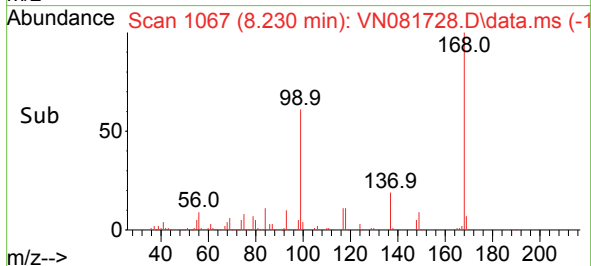
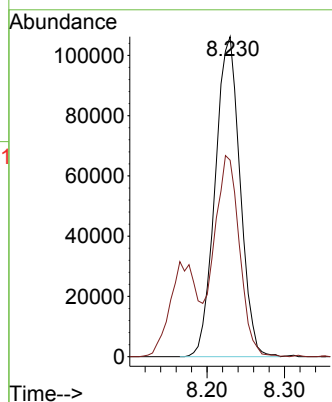
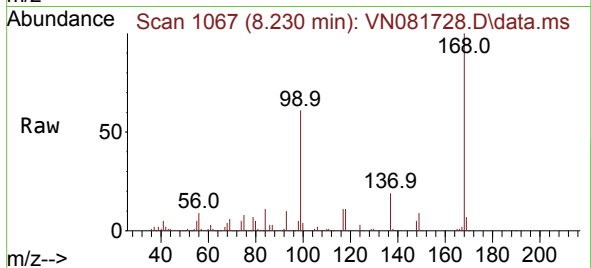
ClientSampleId :

Tgt Ion:168 Resp: 237120

Ion Ratio Lower Upper

168 100

99 61.2 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 19.451 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081728.D

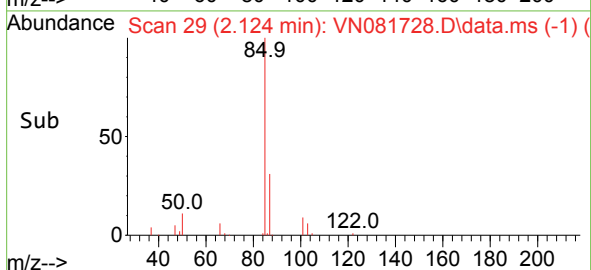
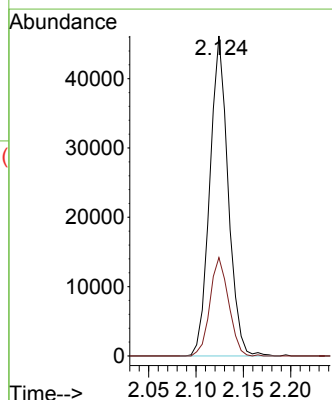
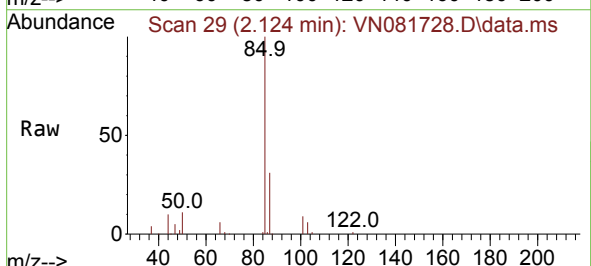
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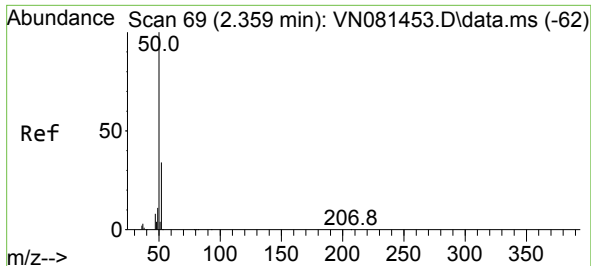
Tgt Ion: 85 Resp: 62103

Ion Ratio Lower Upper

85 100

87 30.7 15.3 45.9

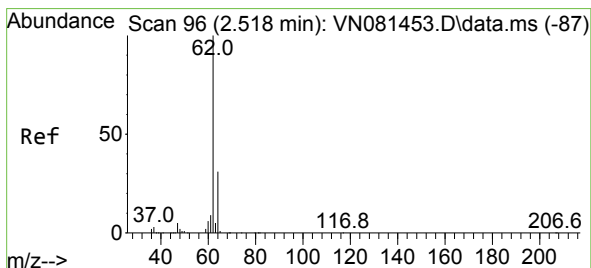
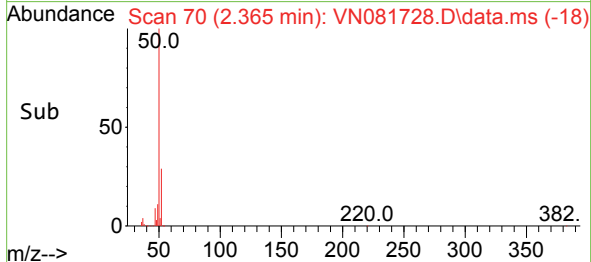
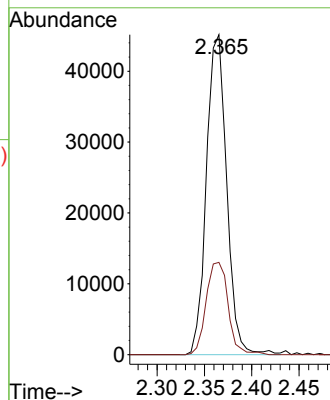
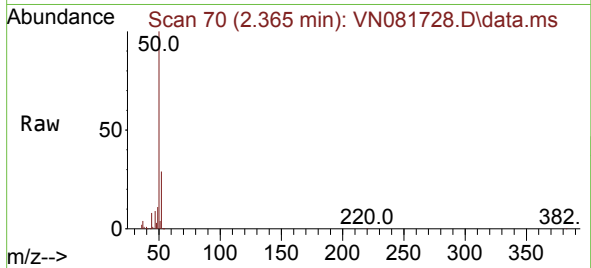




#3  
Chloromethane  
Concen: 21.149 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

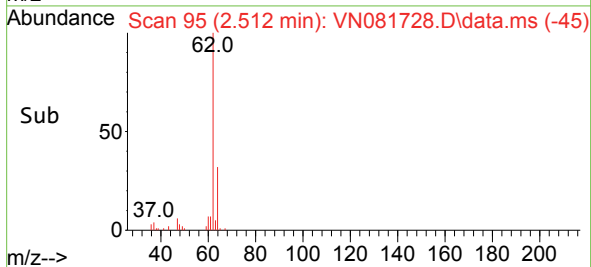
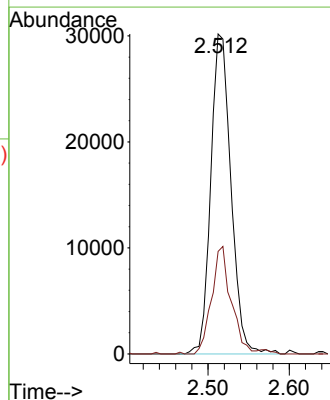
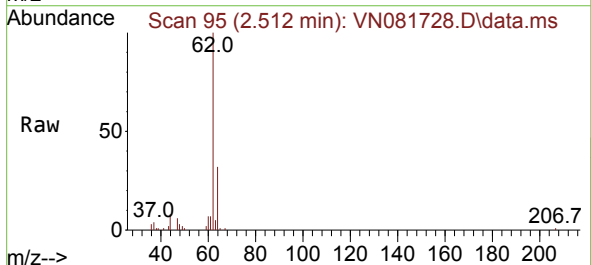
Instrument :  
MSVOA\_N  
ClientSampleId :

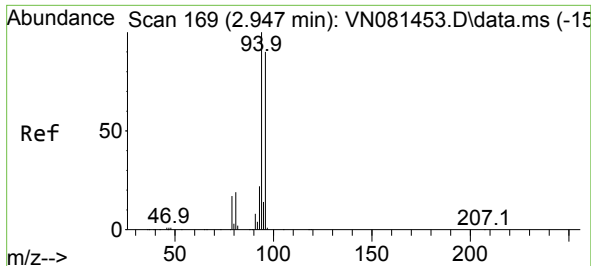
Tgt Ion: 50 Resp: 67230  
Ion Ratio Lower Upper  
50 100  
52 28.9 25.0 37.4



#4  
Vinyl Chloride  
Concen: 14.606 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion: 62 Resp: 52110  
Ion Ratio Lower Upper  
62 100  
64 32.1 22.7 34.1

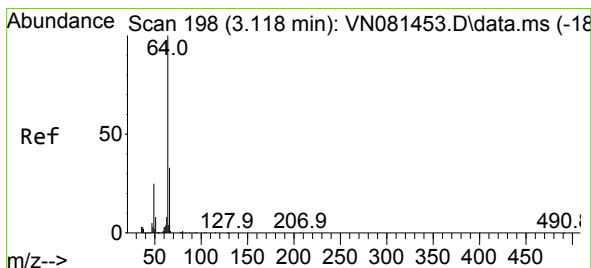
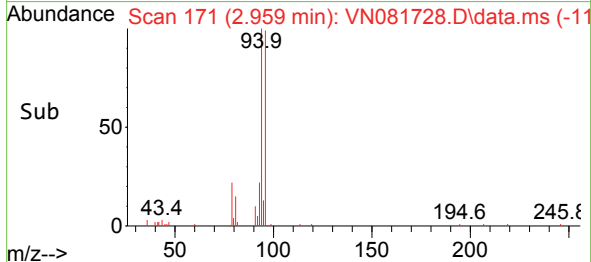
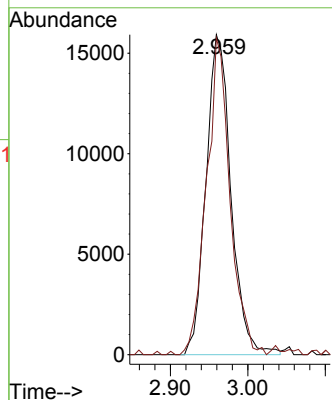
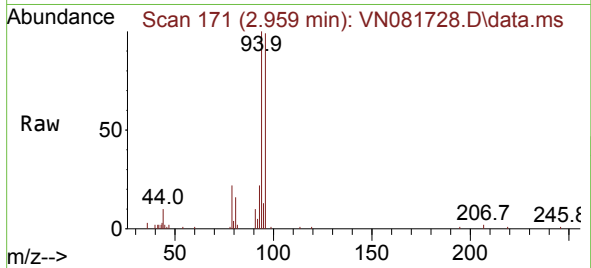




#5  
Bromomethane  
Concen: 14.163 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

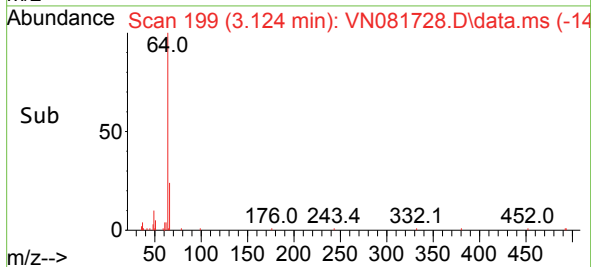
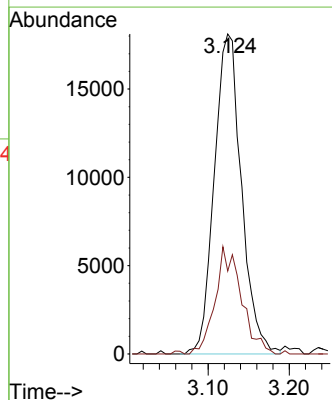
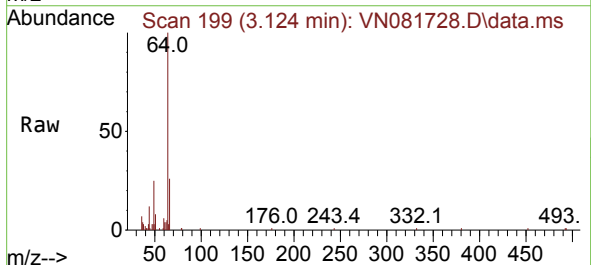
Instrument :  
MSVOA\_N  
ClientSampleId :

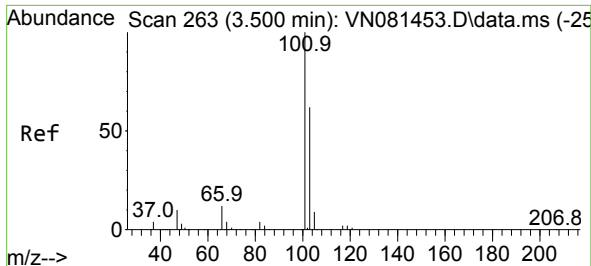
Tgt Ion: 94 Resp: 35735  
Ion Ratio Lower Upper  
94 100  
96 99.0 69.2 103.8



#6  
Chloroethane  
Concen: 17.189 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.006 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion: 64 Resp: 42105  
Ion Ratio Lower Upper  
64 100  
66 25.9 26.4 39.6#

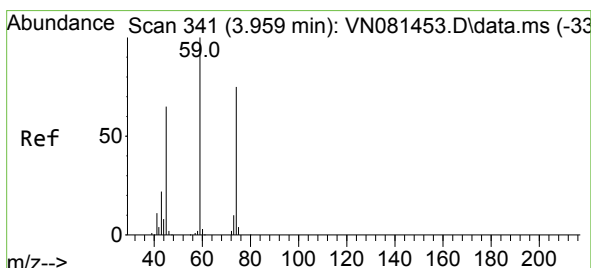
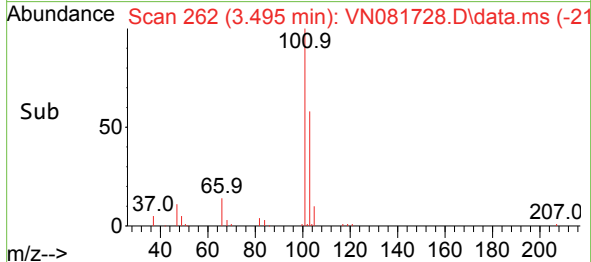
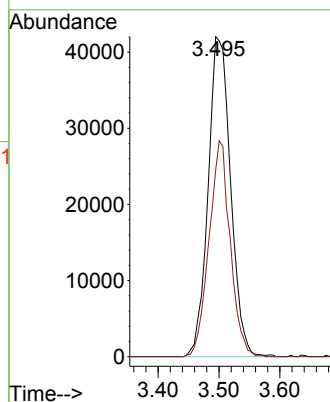
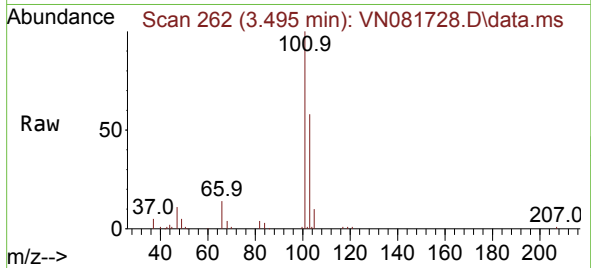




#7  
 Trichlorofluoromethane  
 Concen: 20.291 ug/l  
 RT: 3.495 min Scan# 20  
 Delta R.T. -0.006 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

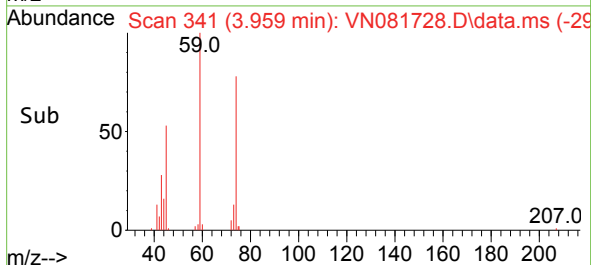
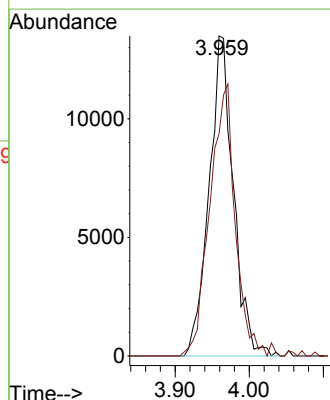
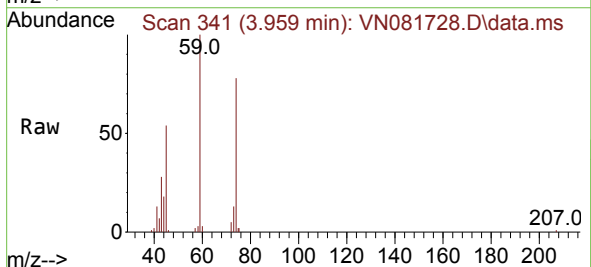
Instrument :  
 MSVOA\_N  
 ClientSampleId :

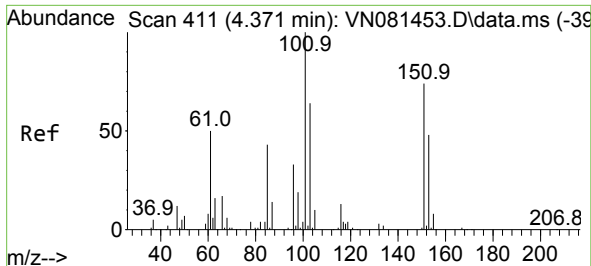
Tgt Ion:101 Resp: 107888  
 Ion Ratio Lower Upper  
 101 100  
 103 58.4 54.4 81.6



#8  
 Diethyl Ether  
 Concen: 17.421 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.000 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

Tgt Ion: 74 Resp: 30654  
 Ion Ratio Lower Upper  
 74 100  
 45 88.7 53.3 159.9

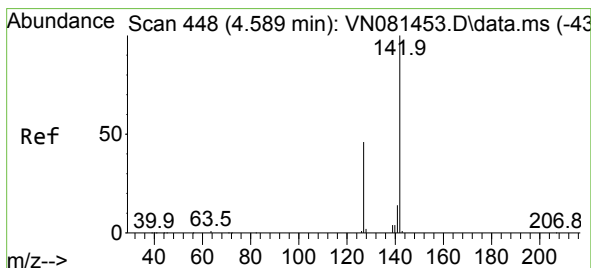
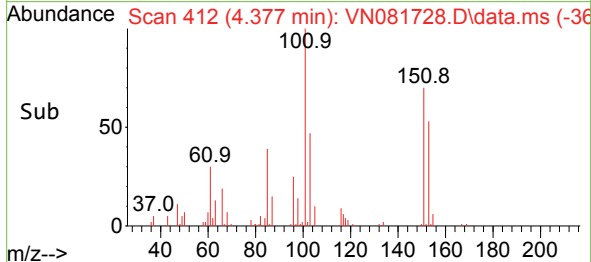
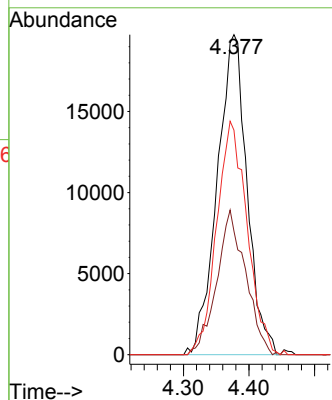
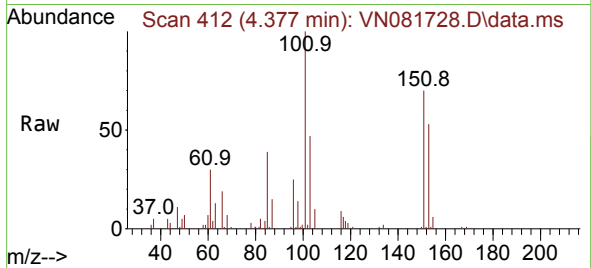




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.626 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

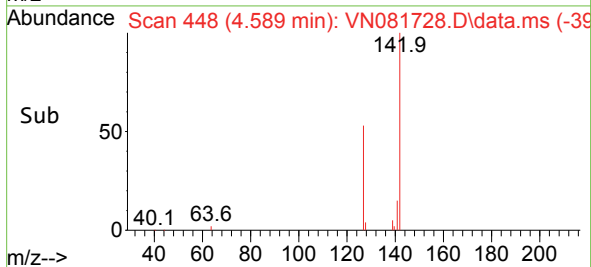
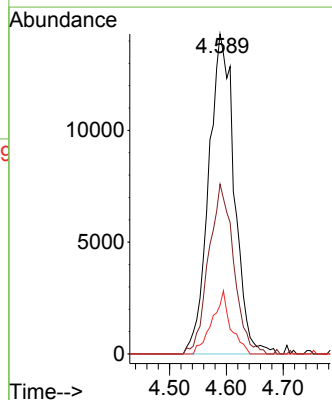
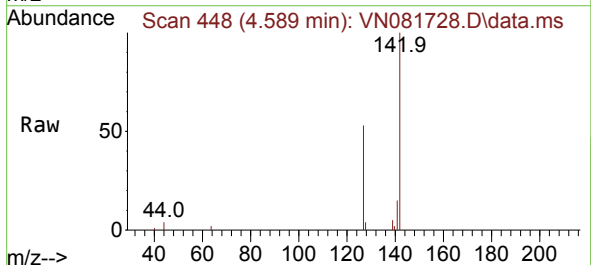
Instrument :  
MSVOA\_N  
ClientSampleId :

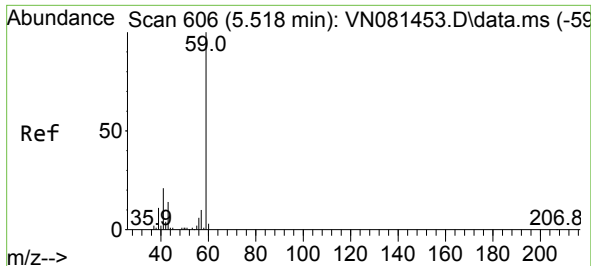
Tgt Ion:101 Resp: 62314  
Ion Ratio Lower Upper  
101 100  
85 43.8 38.1 57.1  
151 74.4 49.1 73.7#



#10  
Methyl Iodide  
Concen: 14.902 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

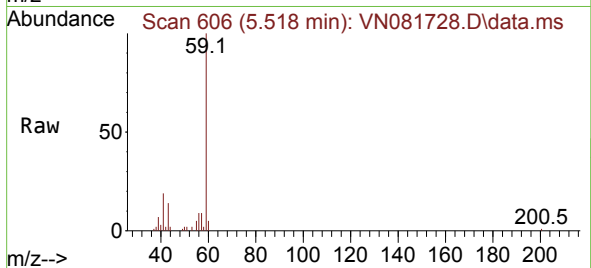
Tgt Ion:142 Resp: 44834  
Ion Ratio Lower Upper  
142 100  
127 53.1 37.0 55.4  
141 15.2 12.5 18.7



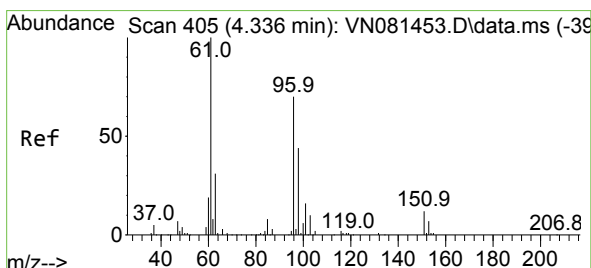
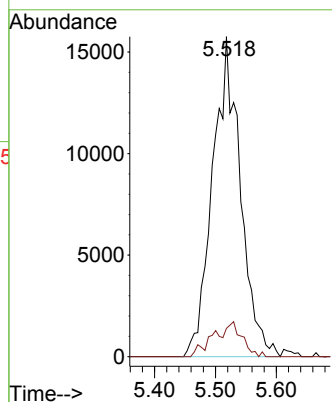
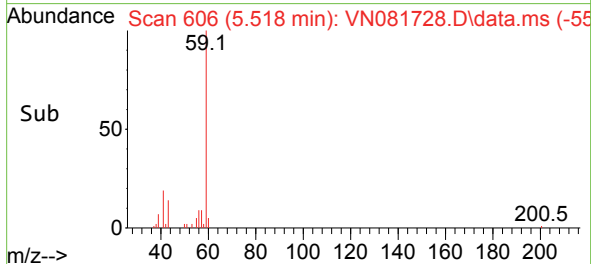


#11  
Tert butyl alcohol  
Concen: 94.770 ug/l  
RT: 5.518 min Scan# 606  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Instrument :  
MSVOA\_N  
ClientSampleId :

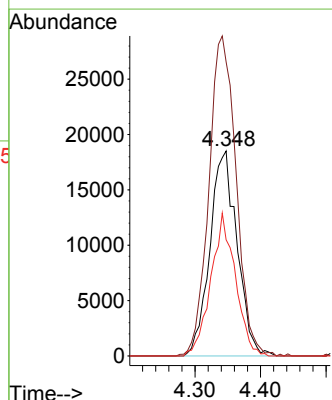
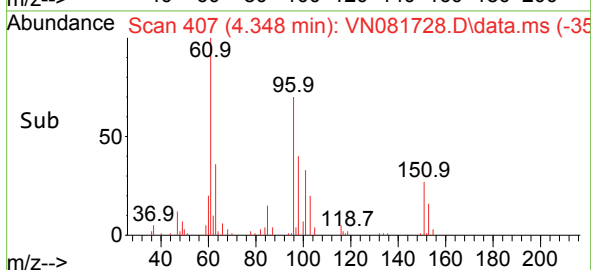
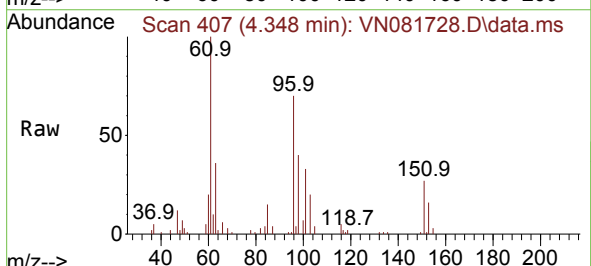


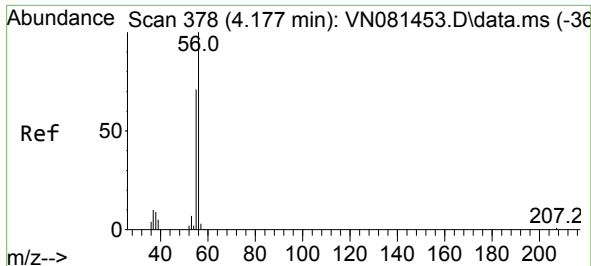
Tgt Ion: 59 Resp: 49941  
Ion Ratio Lower Upper  
59 100  
57 6.3 8.6 12.8#



#12  
1,1-Dichloroethene  
Concen: 19.057 ug/l  
RT: 4.348 min Scan# 407  
Delta R.T. 0.012 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion: 96 Resp: 53328  
Ion Ratio Lower Upper  
96 100  
61 142.6 138.2 207.4  
98 56.7 49.2 73.8

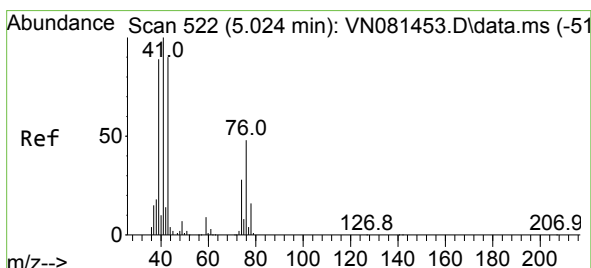
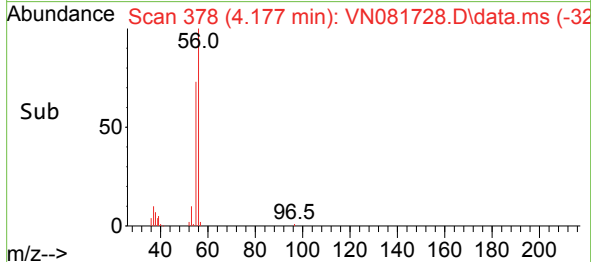
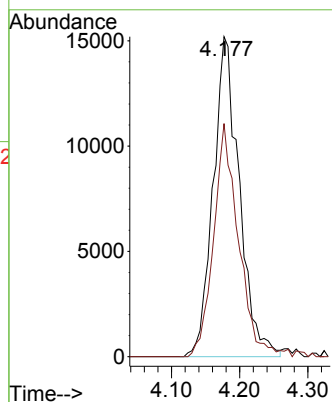
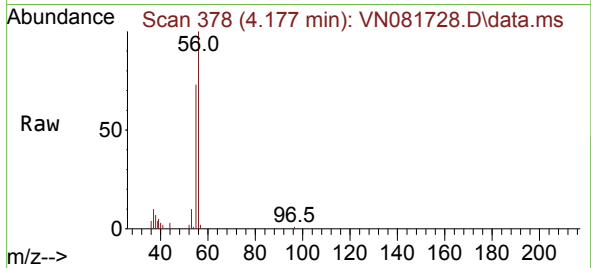




#13  
Acrolein  
Concen: 85.589 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

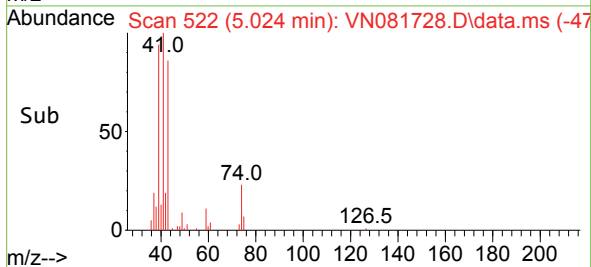
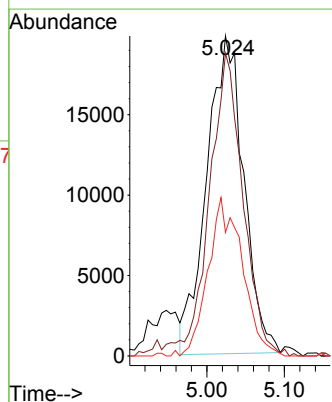
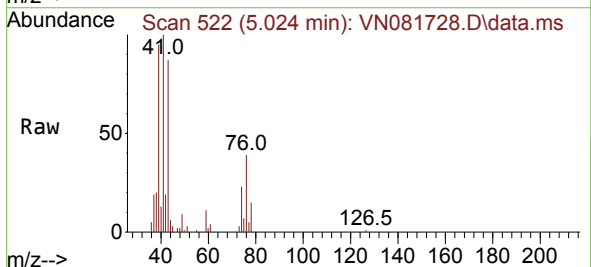
Instrument :  
MSVOA\_N  
ClientSampleId :

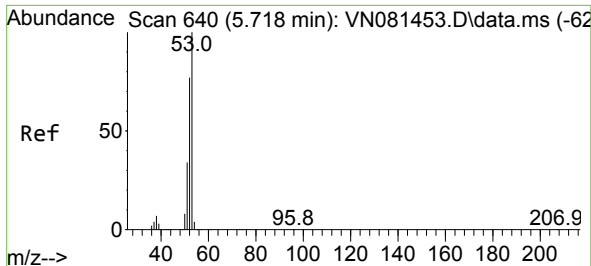
Tgt Ion: 56 Resp: 40472  
Ion Ratio Lower Upper  
56 100  
55 69.5 55.3 82.9



#14  
Allyl chloride  
Concen: 18.712 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion: 41 Resp: 65614  
Ion Ratio Lower Upper  
41 100  
39 86.6 57.7 86.5#  
76 46.0 26.8 40.2#

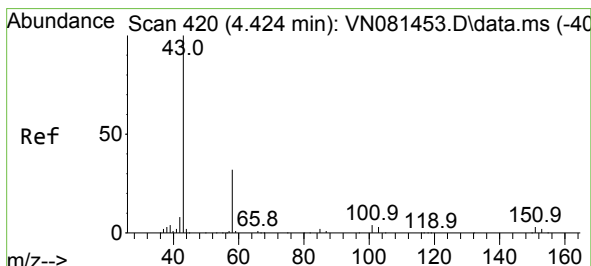
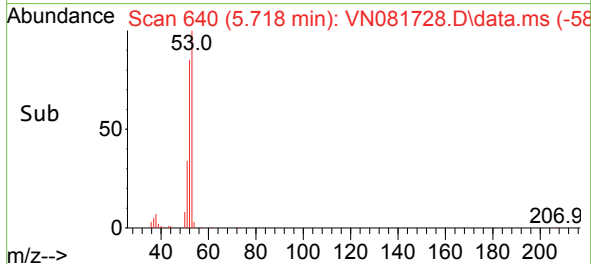
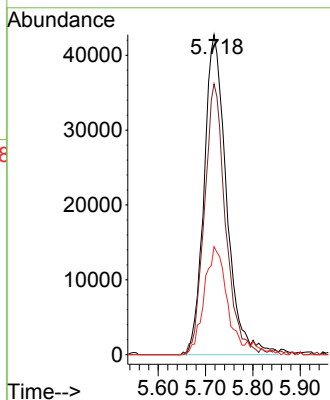
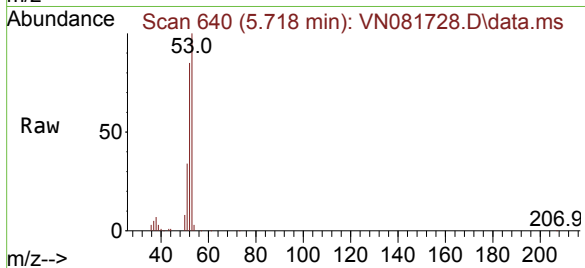




#15  
Acrylonitrile  
Concen: 99.749 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

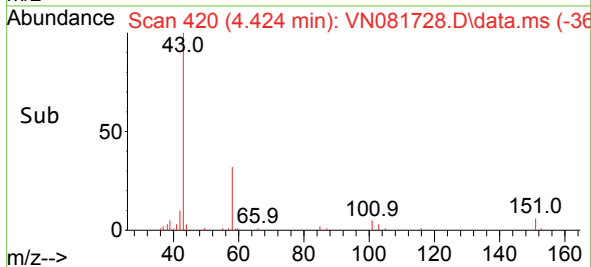
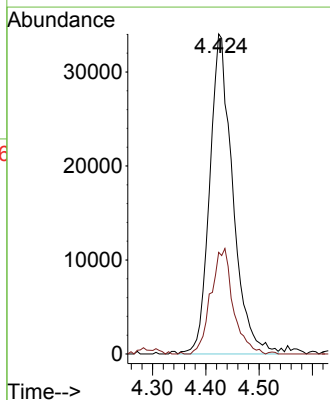
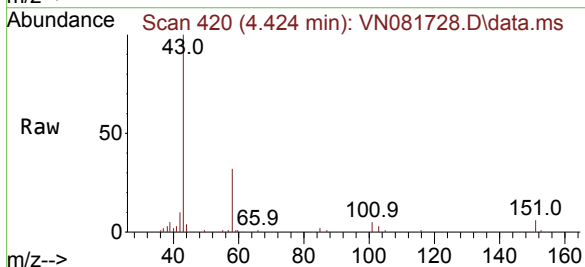
Instrument :  
MSVOA\_N  
ClientSampleId :

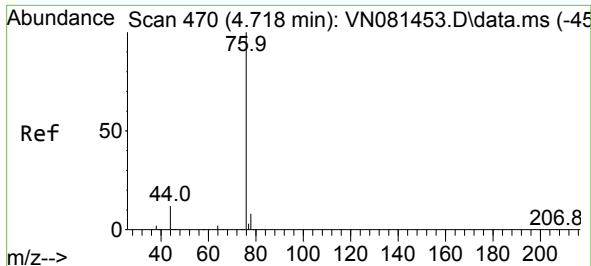
Tgt Ion: 53 Resp: 140624  
Ion Ratio Lower Upper  
53 100  
52 79.6 64.8 97.2  
51 34.0 26.9 40.3



#16  
Acetone  
Concen: 104.469 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion: 43 Resp: 102093  
Ion Ratio Lower Upper  
43 100  
58 31.8 24.8 37.2

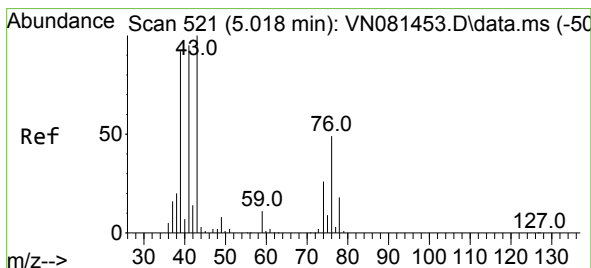
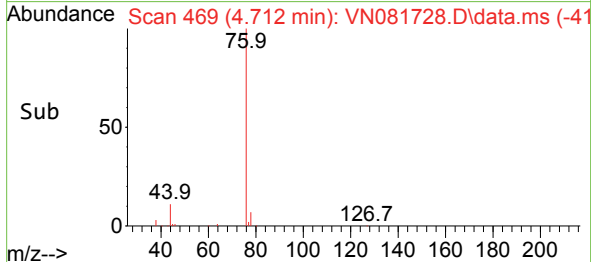
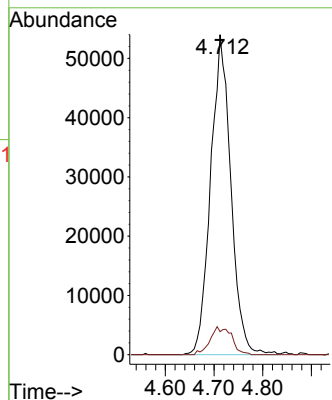
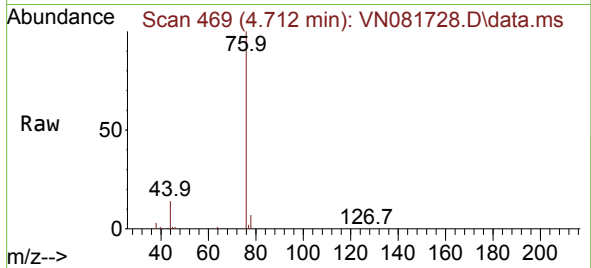




#17  
Carbon Disulfide  
Concen: 19.376 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

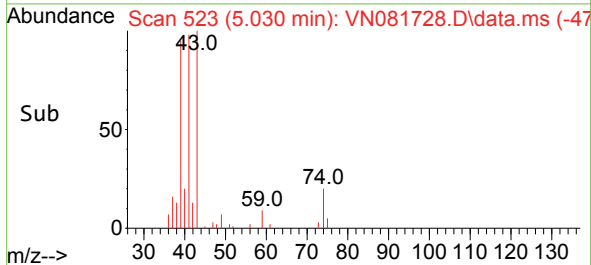
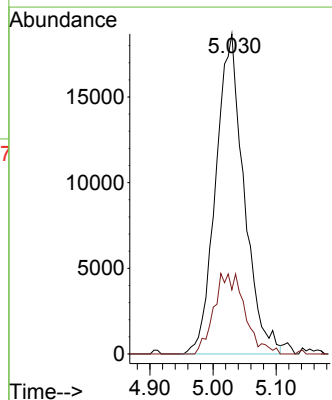
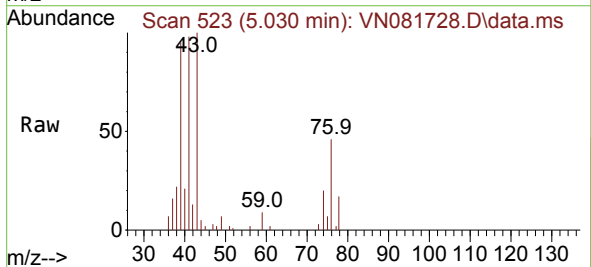
Instrument :  
MSVOA\_N  
ClientSampleId :

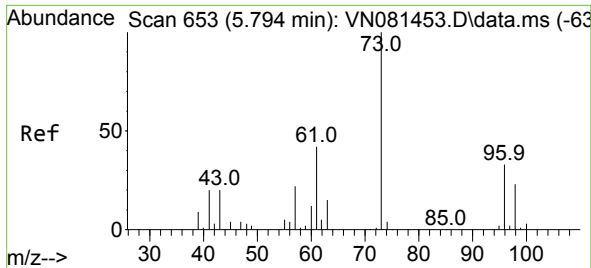
Tgt Ion: 76 Resp: 155595  
Ion Ratio Lower Upper  
76 100  
78 7.2 6.3 9.5



#18  
Methyl Acetate  
Concen: 19.294 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.012 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion: 43 Resp: 58129  
Ion Ratio Lower Upper  
43 100  
74 27.5 17.3 25.9#

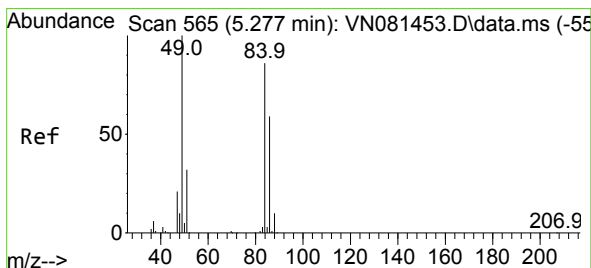
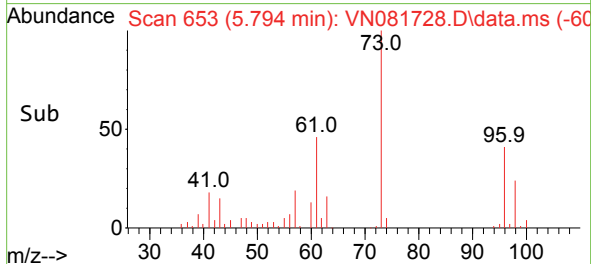
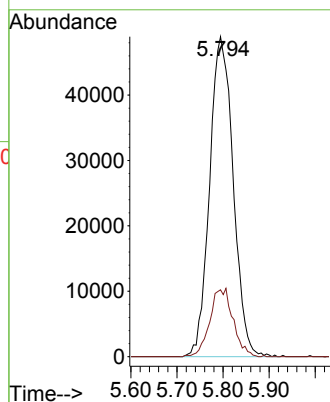
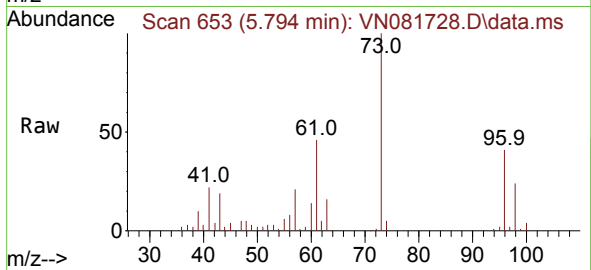




#19  
Methyl tert-butyl Ether  
Concen: 19.865 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

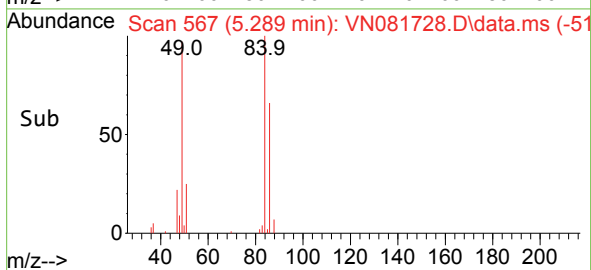
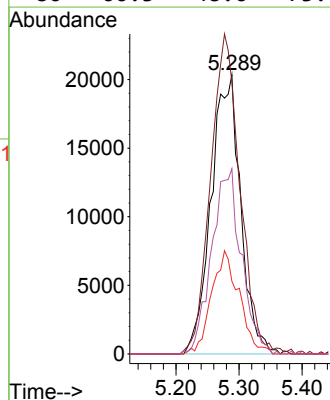
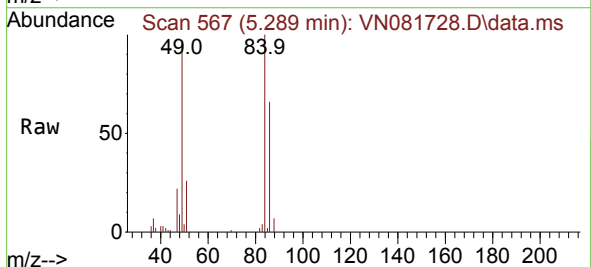
Instrument :  
MSVOA\_N  
ClientSampleId :

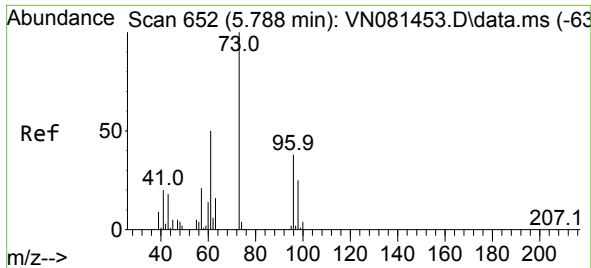
Tgt Ion: 73 Resp: 173979  
Ion Ratio Lower Upper  
73 100  
57 20.9 18.2 27.4



#20  
Methylene Chloride  
Concen: 20.630 ug/l  
RT: 5.289 min Scan# 567  
Delta R.T. 0.012 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

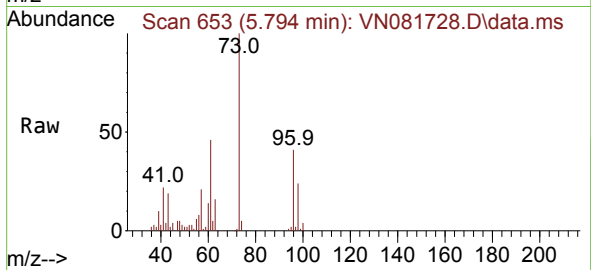
Tgt Ion: 84 Resp: 66040  
Ion Ratio Lower Upper  
84 100  
49 97.3 108.1 162.1#  
51 26.1 32.9 49.3#  
86 66.3 48.6 73.0



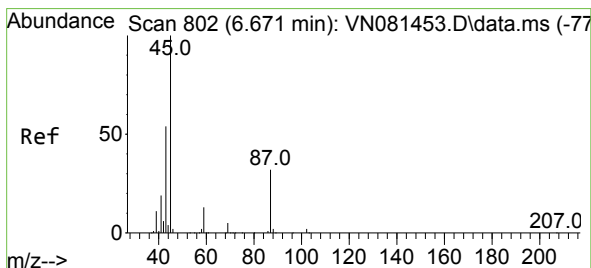
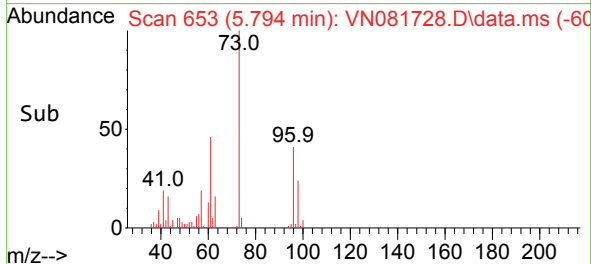
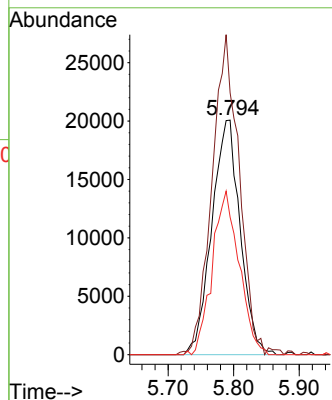


#21  
trans-1,2-Dichloroethene  
Concen: 19.336 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Instrument :  
MSVOA\_N  
ClientSampleId :

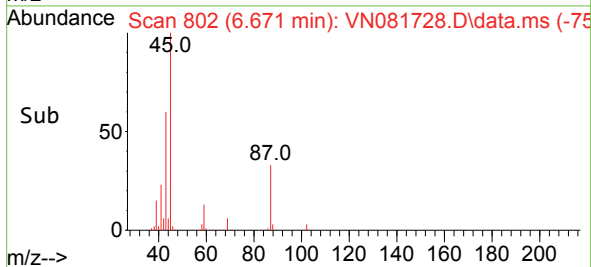
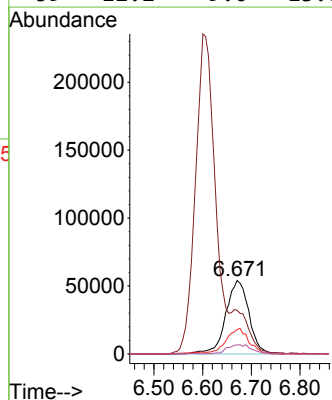
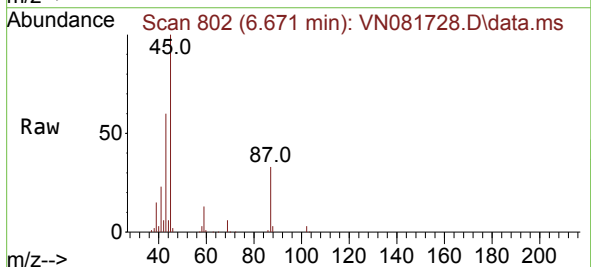


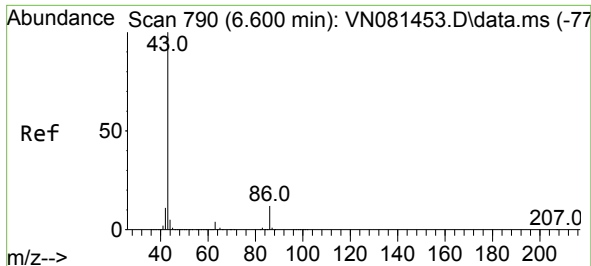
Tgt Ion: 96 Resp: 60332  
Ion Ratio Lower Upper  
96 100  
61 110.7 112.8 169.2#  
98 58.6 51.0 76.4



#22  
Diisopropyl ether  
Concen: 21.862 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion: 45 Resp: 178122  
Ion Ratio Lower Upper  
45 100  
43 58.0 41.8 62.8  
87 33.3 18.1 27.1#  
59 12.2 9.0 13.6



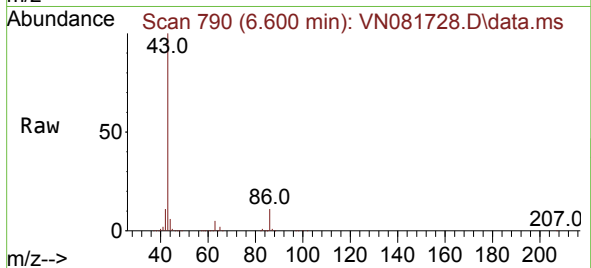


#23  
 Vinyl Acetate  
 Concen: 102.029 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

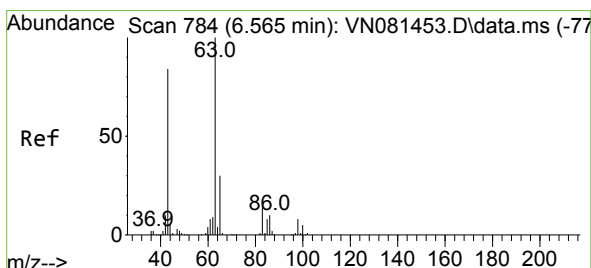
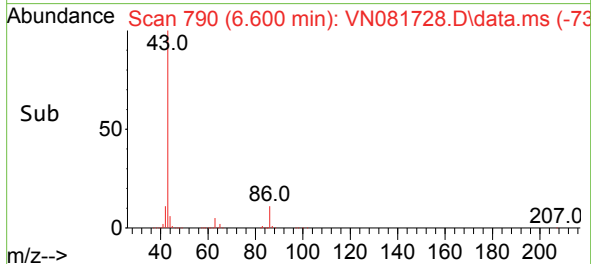
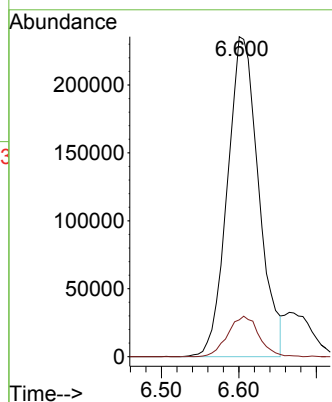
Instrument :

MSVOA\_N

ClientSampleId :

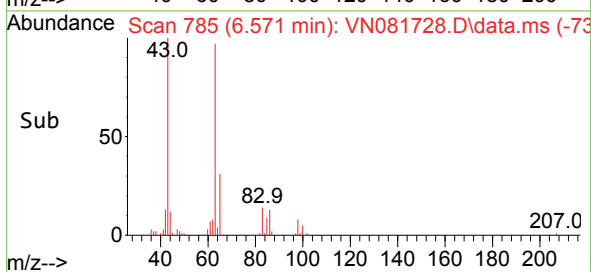
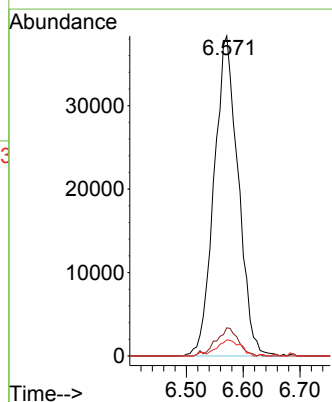
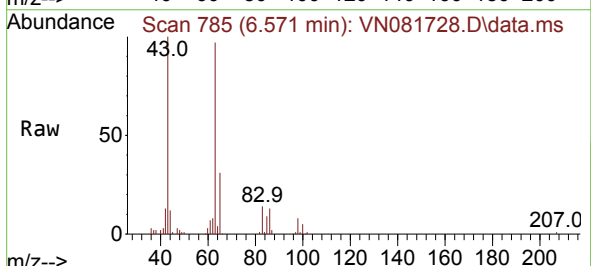


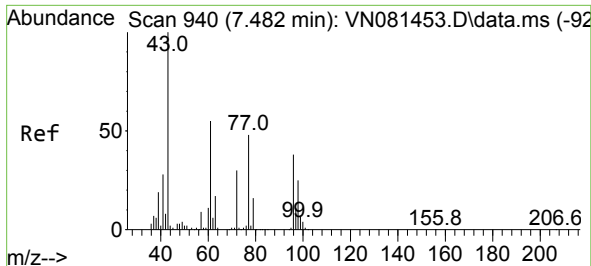
Tgt Ion: 43 Resp: 661689  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 20.702 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

Tgt Ion: 63 Resp: 112974  
 Ion Ratio Lower Upper  
 63 100  
 98 8.8 2.9 8.6#  
 100 5.0 1.9 5.7

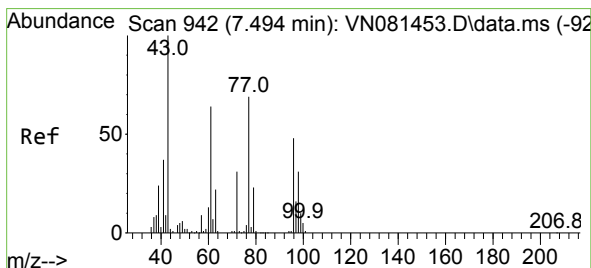
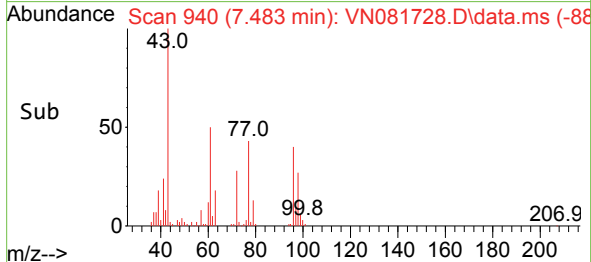
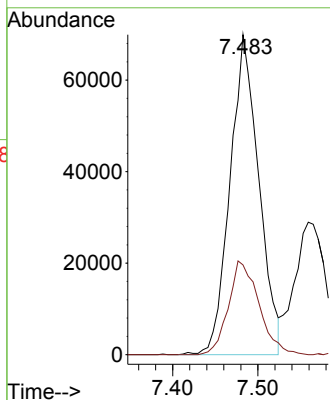
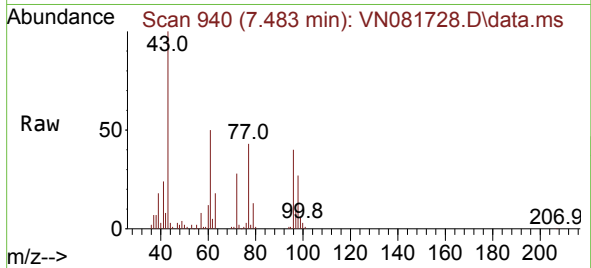




#25  
2-Butanone  
Concen: 97.891 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

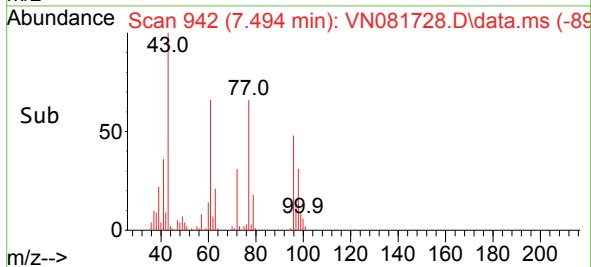
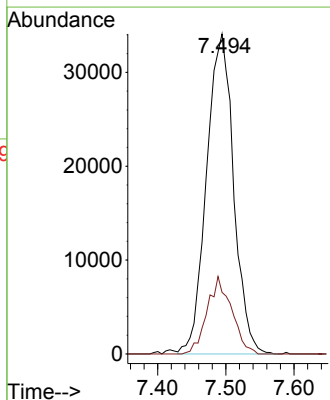
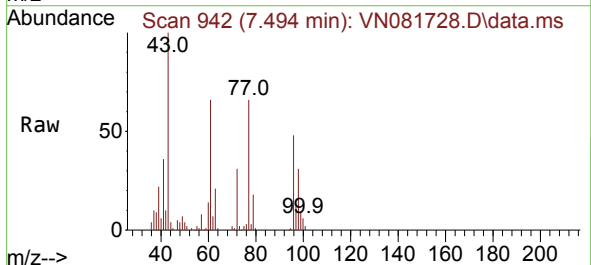
Instrument :  
MSVOA\_N  
ClientSampleId :

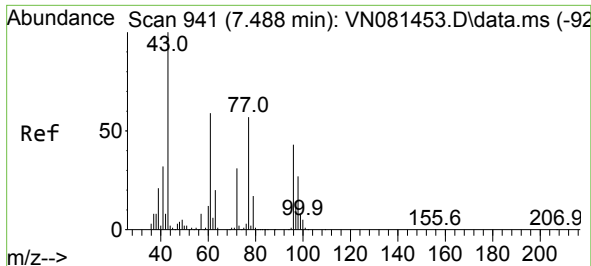
Tgt Ion: 43 Resp: 164084  
Ion Ratio Lower Upper  
43 100  
72 28.0 19.5 29.3



#26  
2,2-Dichloropropane  
Concen: 19.940 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

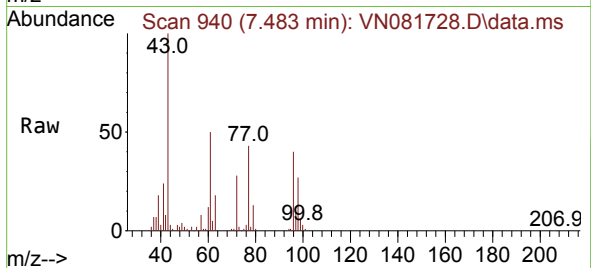
Tgt Ion: 77 Resp: 94377  
Ion Ratio Lower Upper  
77 100  
97 21.9 11.5 34.5



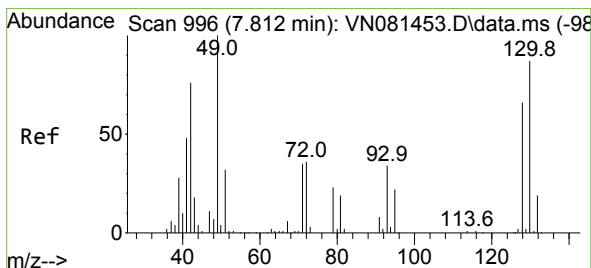
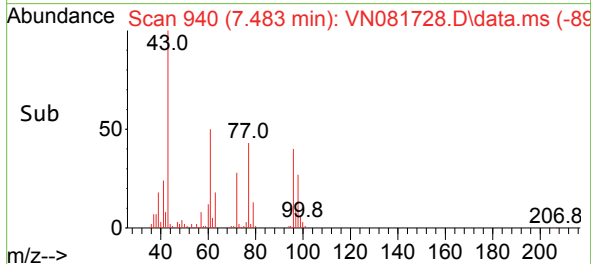
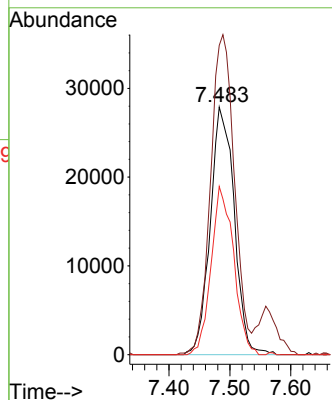


#27  
 cis-1,2-Dichloroethene  
 Concen: 21.618 ug/l  
 RT: 7.483 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :

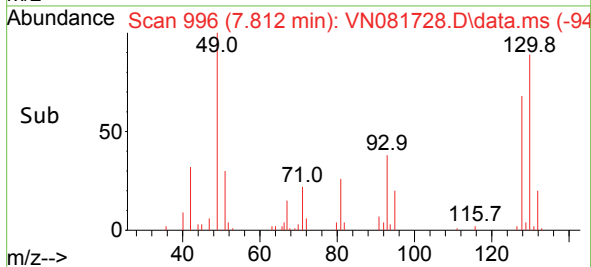
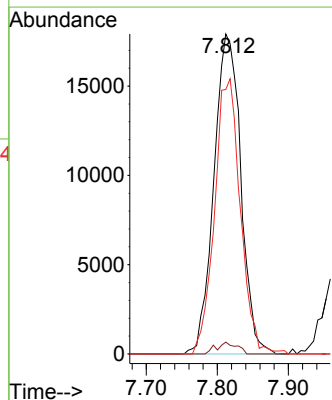
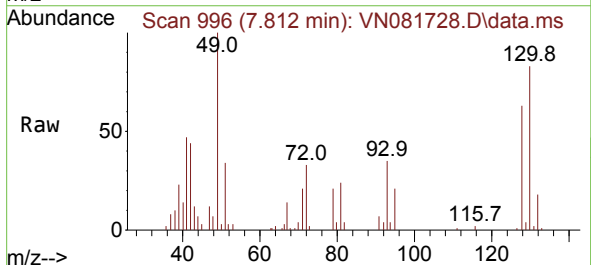


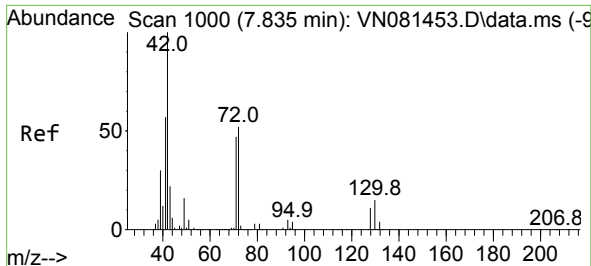
Tgt Ion: 96 Resp: 76319  
 Ion Ratio Lower Upper  
 96 100  
 61 129.0 0.0 325.4  
 98 64.0 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 21.166 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.000 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

Tgt Ion: 49 Resp: 47047  
 Ion Ratio Lower Upper  
 49 100  
 129 2.8 0.0 1.6#  
 130 82.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 99.794 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

ClientSampleId :

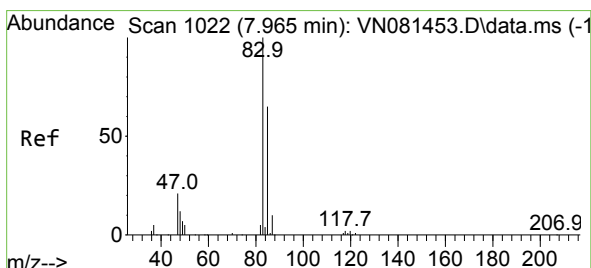
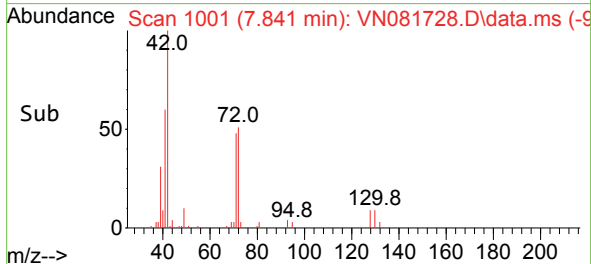
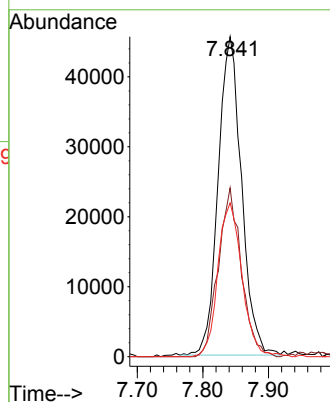
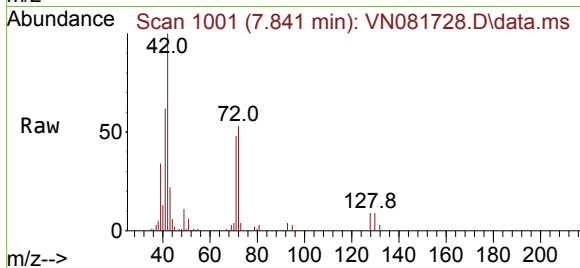
Tgt Ion: 42 Resp: 112687

Ion Ratio Lower Upper

42 100

72 52.0 31.1 46.7#

71 49.8 28.3 42.5#



#30

Chloroform

Concen: 22.795 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081728.D

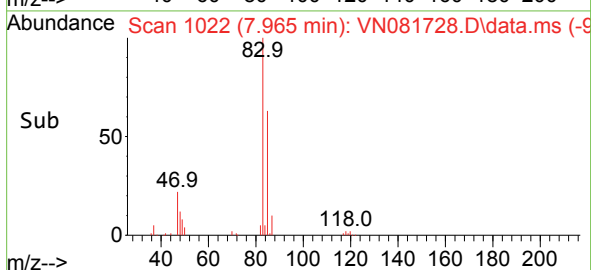
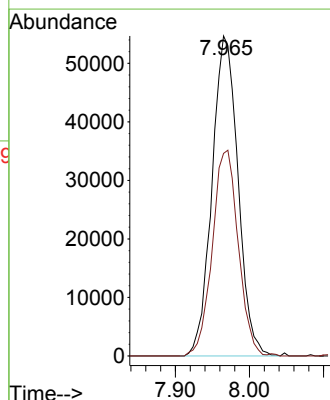
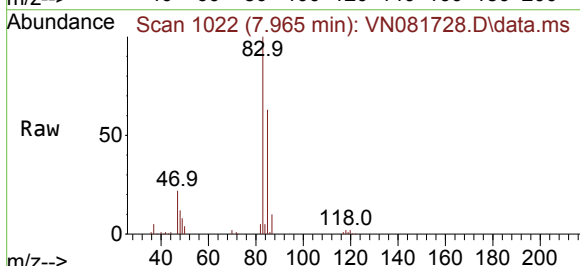
Acq: 12 Apr 2024 19:19

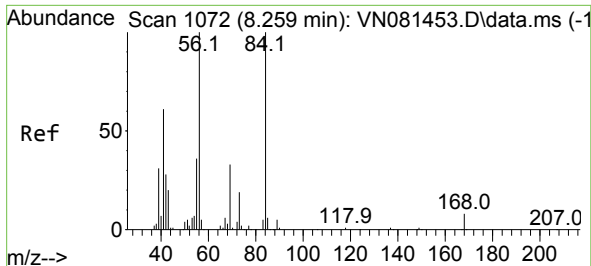
Tgt Ion: 83 Resp: 133171

Ion Ratio Lower Upper

83 100

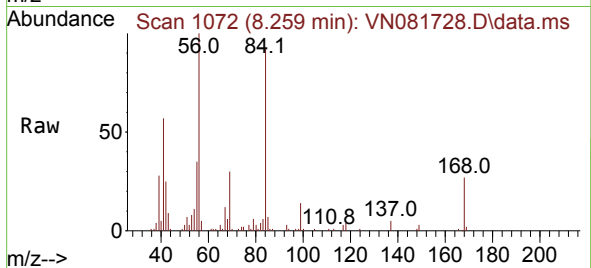
85 63.3 51.0 76.6



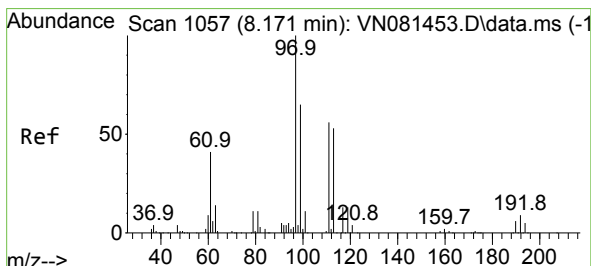
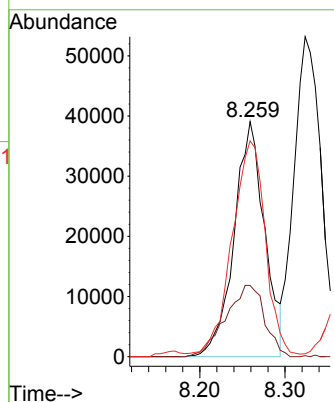
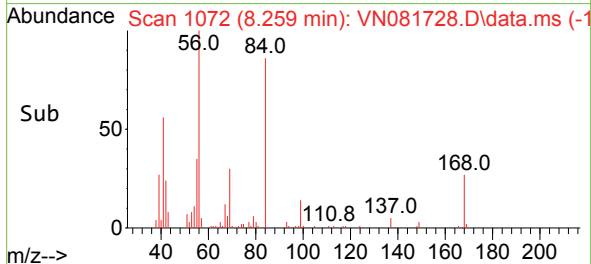


#31  
Cyclohexane  
Concen: 19.813 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Instrument :  
MSVOA\_N  
ClientSampleId :

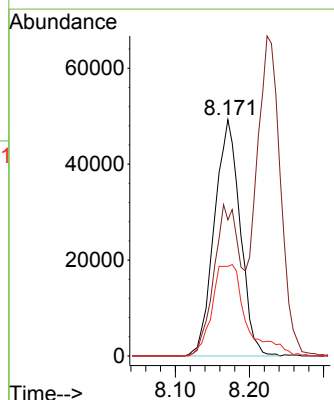
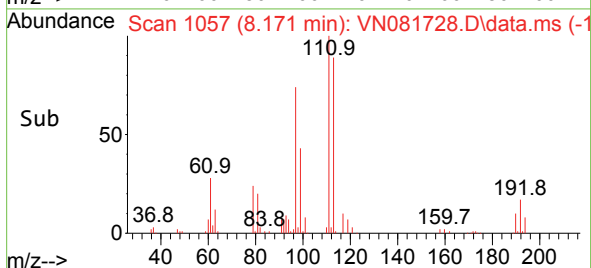
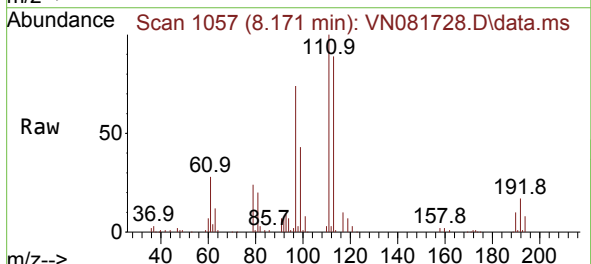


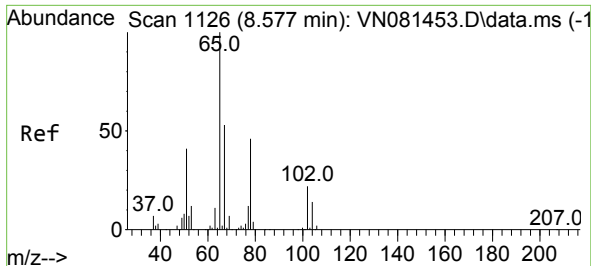
Tgt Ion: 56 Resp: 97495  
Ion Ratio Lower Upper  
56 100  
69 30.3 20.1 30.1#  
84 90.2 56.9 85.3#



#32  
1,1,1-Trichloroethane  
Concen: 22.487 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion: 97 Resp: 119185  
Ion Ratio Lower Upper  
97 100  
99 65.1 53.4 80.0  
61 51.1 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 58.282 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

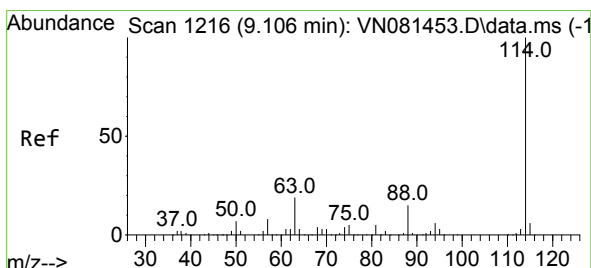
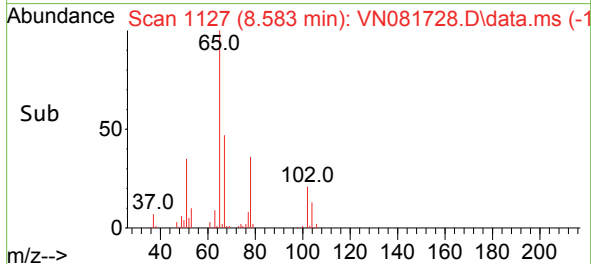
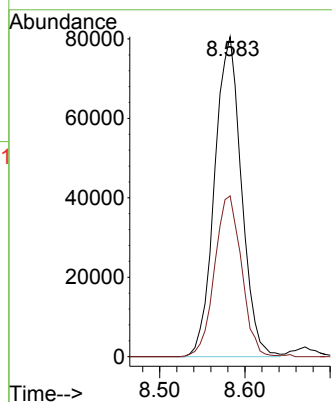
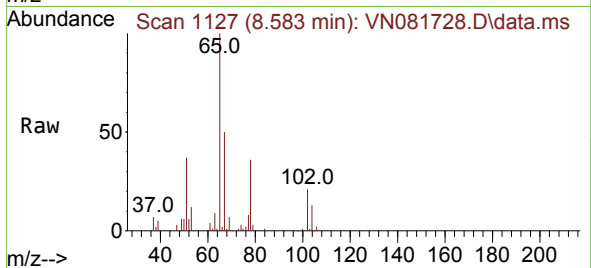
ClientSampleId :

Tgt Ion: 65 Resp: 176239

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

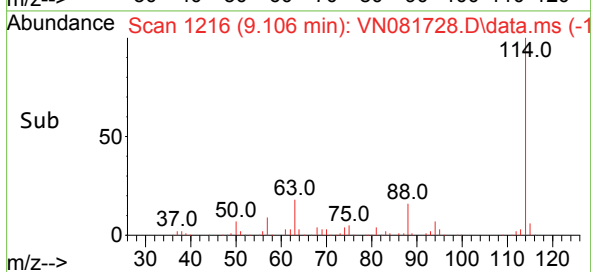
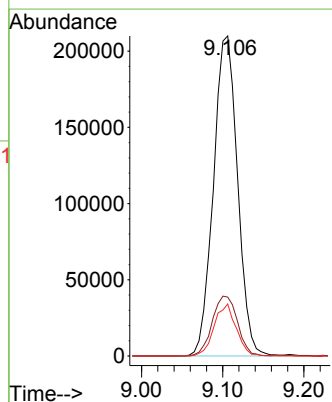
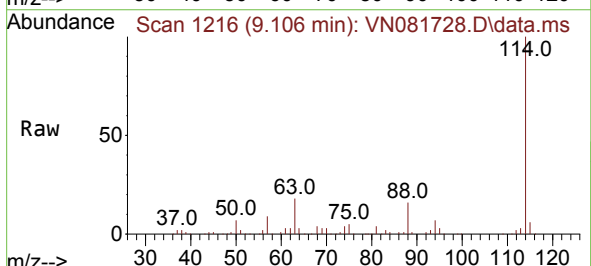
Tgt Ion: 114 Resp: 433996

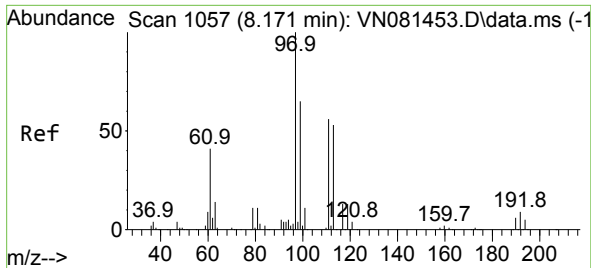
Ion Ratio Lower Upper

114 100

63 18.4 0.0 48.0

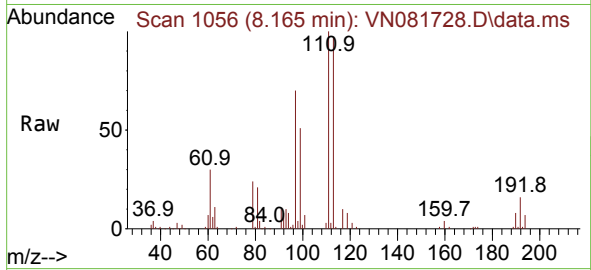
88 16.3 0.0 34.8



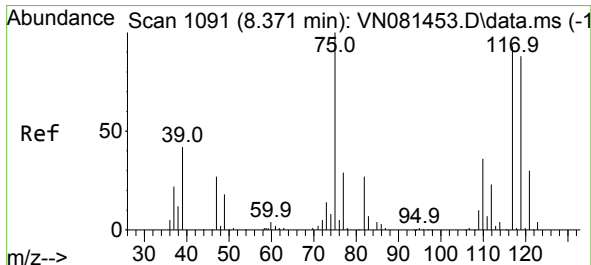
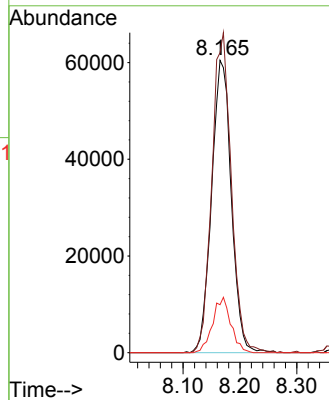
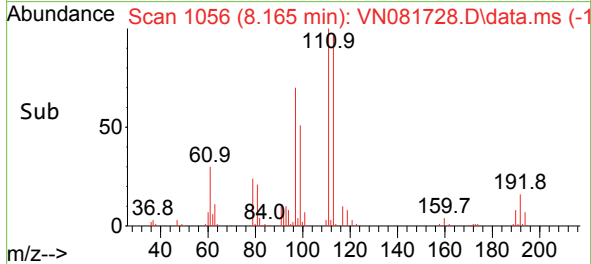


#35  
 Dibromofluoromethane  
 Concen: 53.121 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. -0.006 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

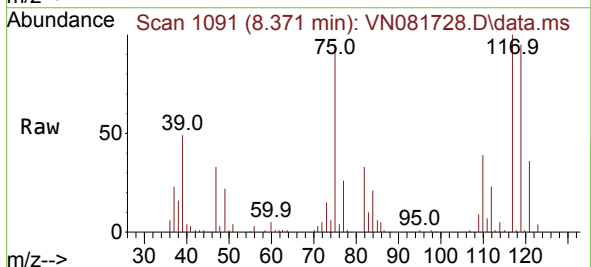
Instrument :  
 MSVOA\_N  
 ClientSampleId :



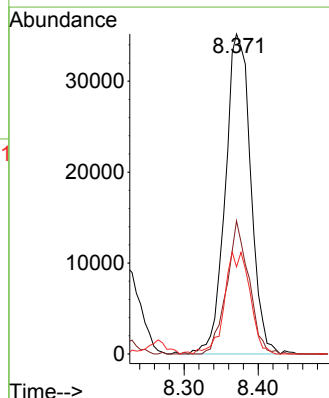
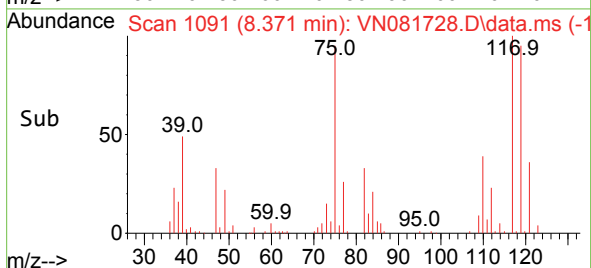
Tgt Ion:113 Resp: 145495  
 Ion Ratio Lower Upper  
 113 100  
 111 107.8 82.2 123.4  
 192 17.6 12.5 18.7

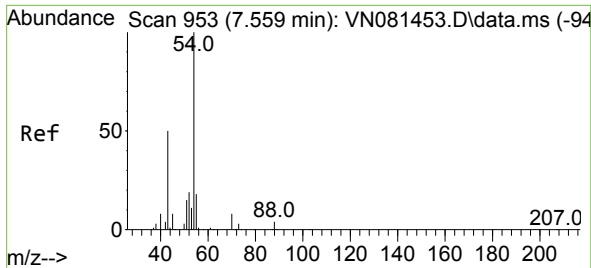


#36  
 1,1-Dichloropropene  
 Concen: 18.138 ug/l  
 RT: 8.371 min Scan# 1091  
 Delta R.T. 0.000 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19



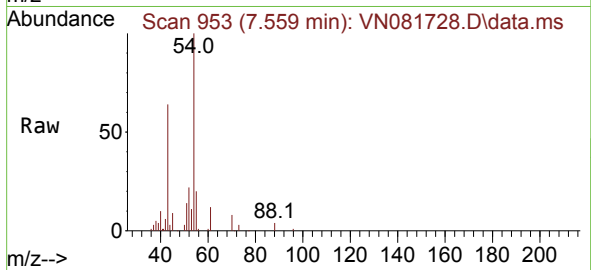
Tgt Ion: 75 Resp: 83604  
 Ion Ratio Lower Upper  
 75 100  
 110 36.4 16.0 48.0  
 77 32.2 25.8 38.6



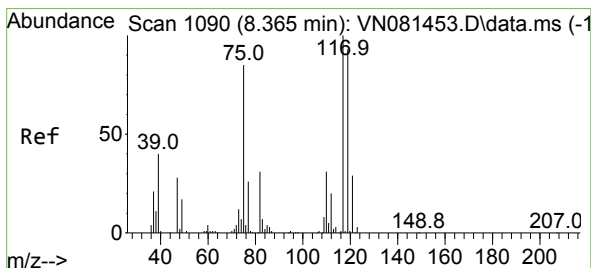
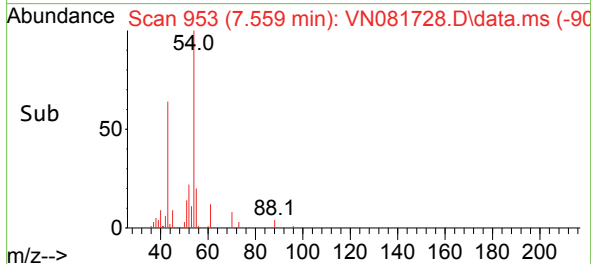
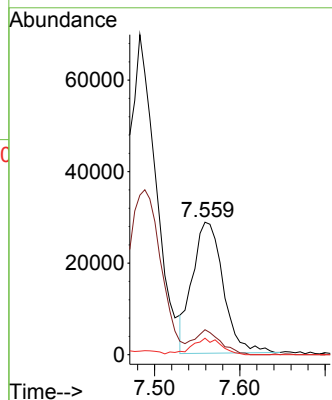


#37  
Ethyl Acetate  
Concen: 18.156 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Instrument :  
MSVOA\_N  
ClientSampleId :

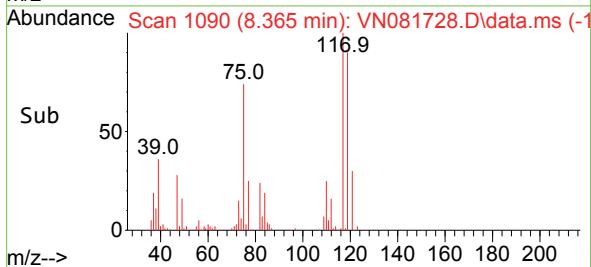
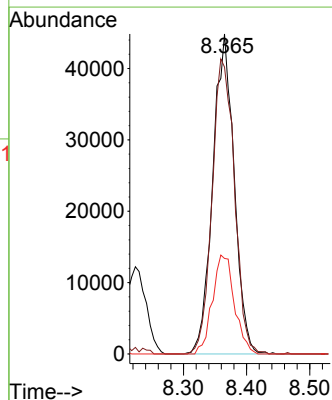
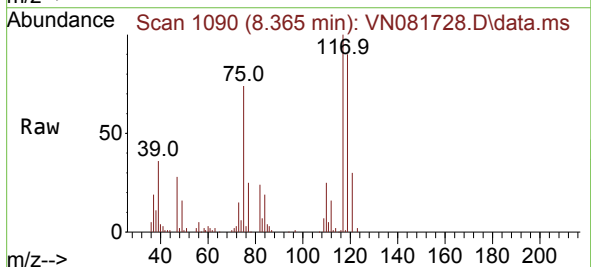


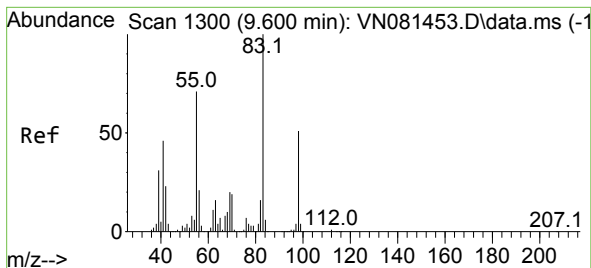
Tgt Ion: 43 Resp: 71661  
Ion Ratio Lower Upper  
43 100  
61 16.3 10.6 15.8#  
70 11.9 8.0 12.0



#38  
Carbon Tetrachloride  
Concen: 20.909 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion: 117 Resp: 105577  
Ion Ratio Lower Upper  
117 100  
119 89.7 73.4 110.2  
121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 18.521 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

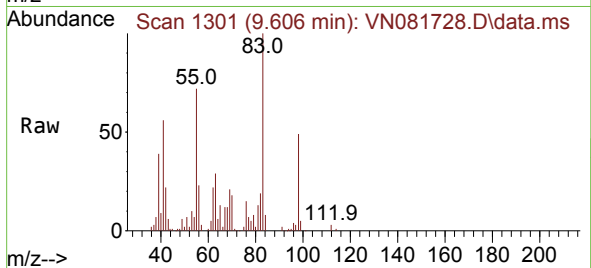
Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

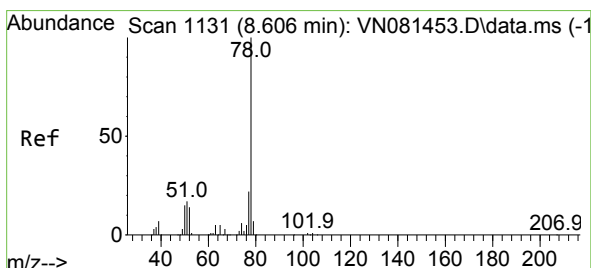
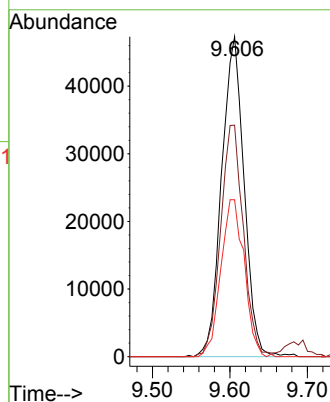
MSVOA\_N

ClientSampleId :



Tgt Ion: 83 Resp: 95335

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 72.3  | 65.7  | 98.5  |
| 98  | 49.1  | 33.8  | 50.6  |



#40

Benzene

Concen: 20.412 ug/l

RT: 8.612 min Scan# 1132

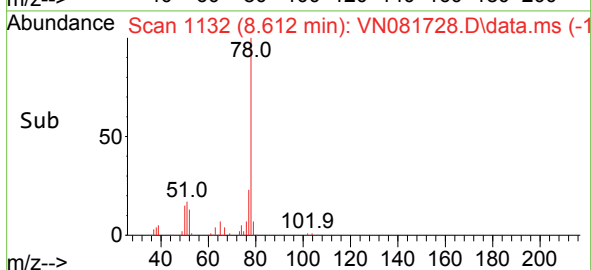
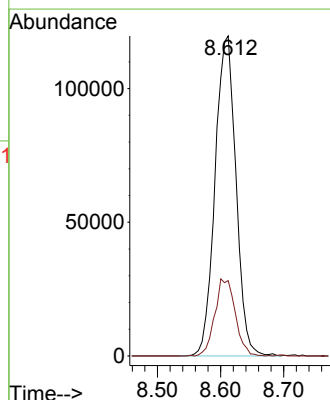
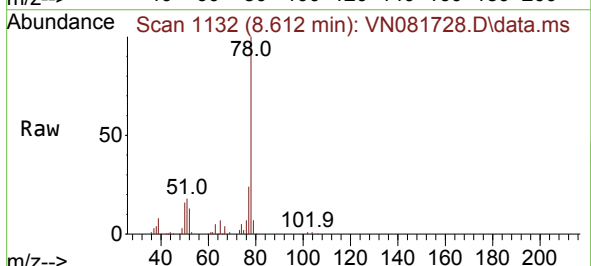
Delta R.T. 0.006 min

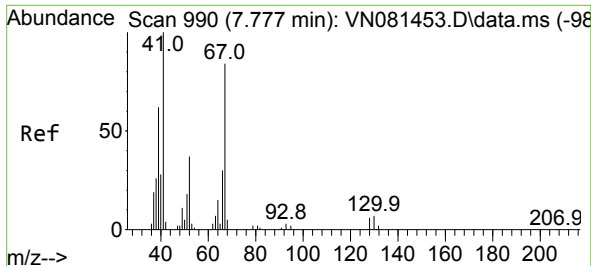
Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Tgt Ion: 78 Resp: 275064

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.6  | 20.4  | 30.6  |

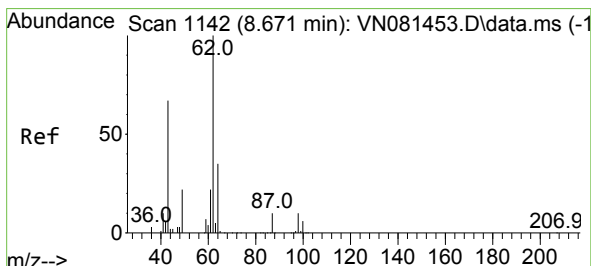
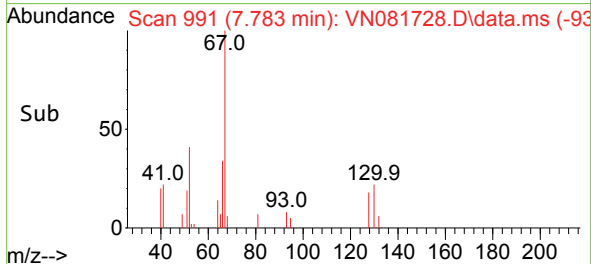
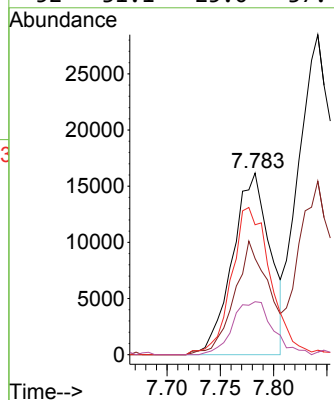
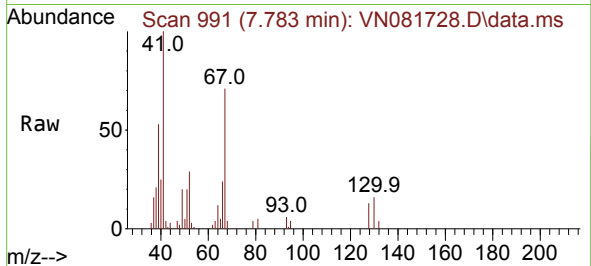




#41  
Methacrylonitrile  
Concen: 18.996 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

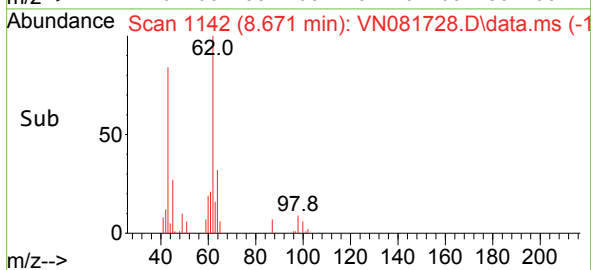
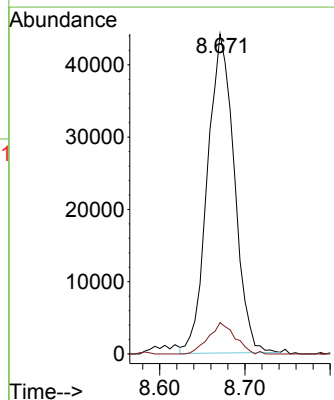
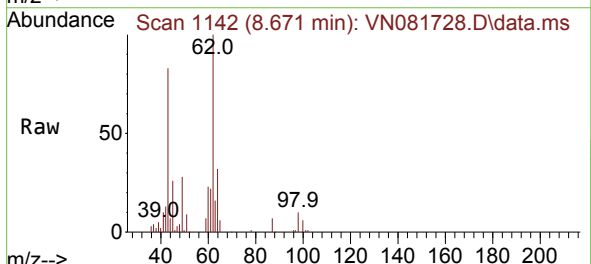
Instrument :  
MSVOA\_N  
ClientSampleId :

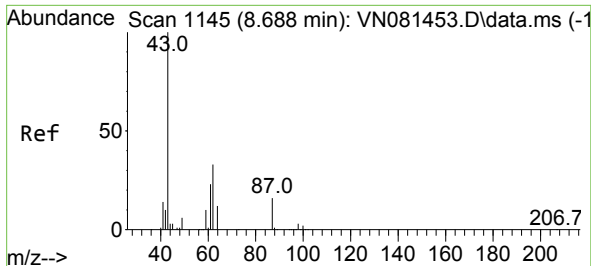
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 39651 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 56.7     | 48.4 72.6   |
| 67 84.5     | 56.8 85.2   |
| 52 31.1     | 25.0 37.4   |



#42  
1,2-Dichloroethane  
Concen: 20.353 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

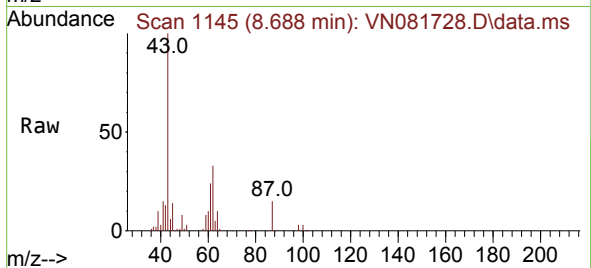
|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 96524 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 9.7      | 0.0 18.0    |



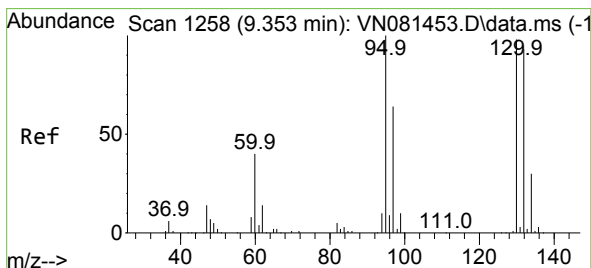
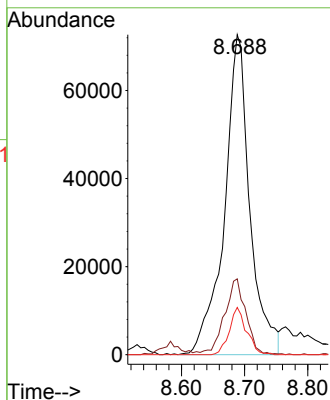
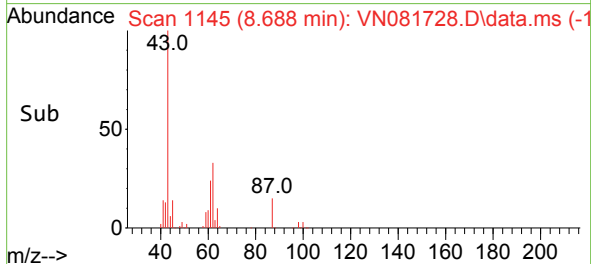


#43  
Isopropyl Acetate  
Concen: 31.058 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Instrument :  
MSVOA\_N  
ClientSampleId :

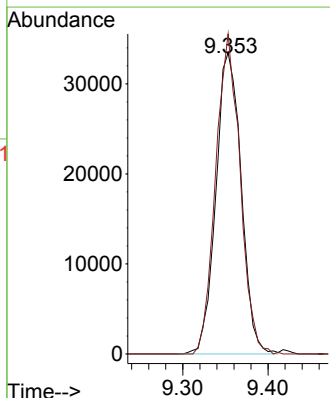
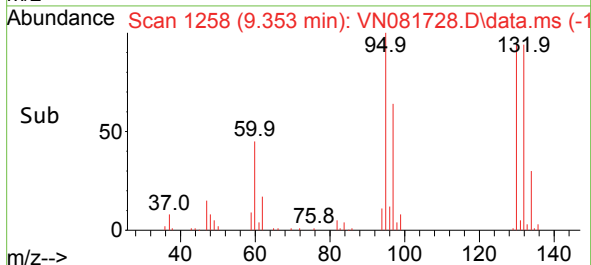
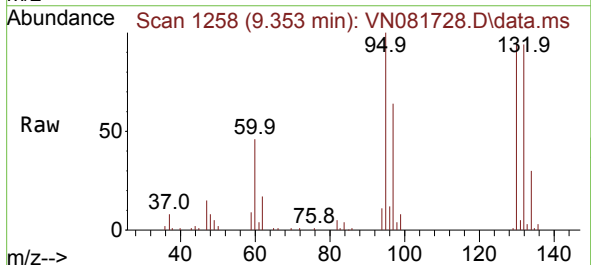


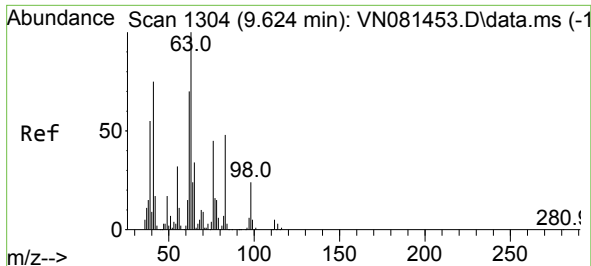
Tgt Ion: 43 Resp: 203195  
Ion Ratio Lower Upper  
43 100  
61 20.0 19.9 29.9  
87 10.0 9.0 13.6



#44  
Trichloroethene  
Concen: 18.220 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion:130 Resp: 69054  
Ion Ratio Lower Upper  
130 100  
95 106.2 0.0 210.4

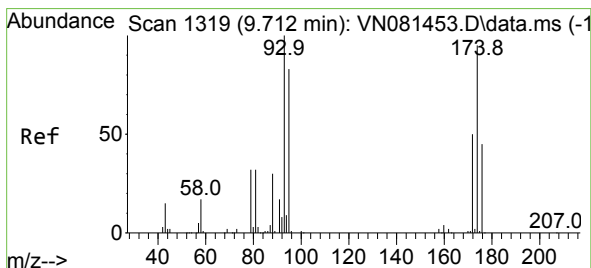
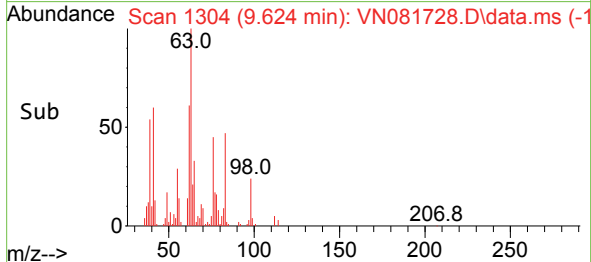
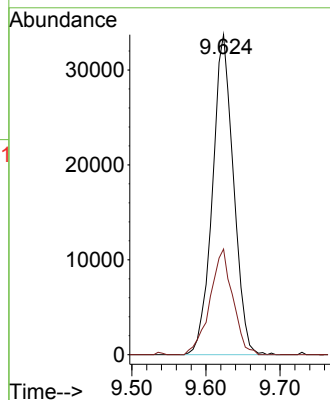
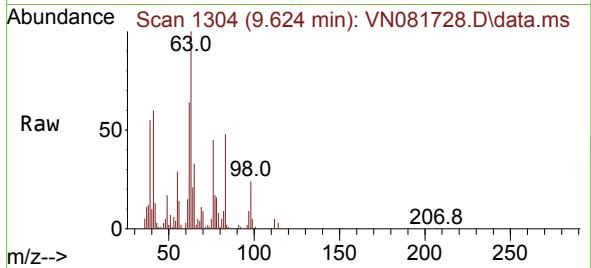




#45  
1,2-Dichloropropane  
Concen: 20.354 ug/l  
RT: 9.624 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

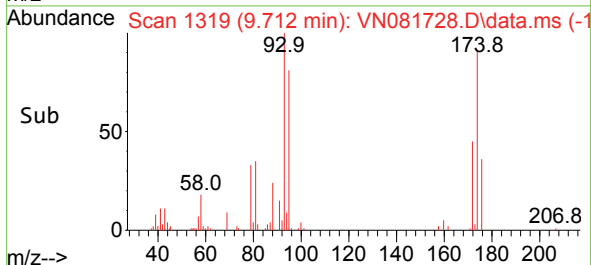
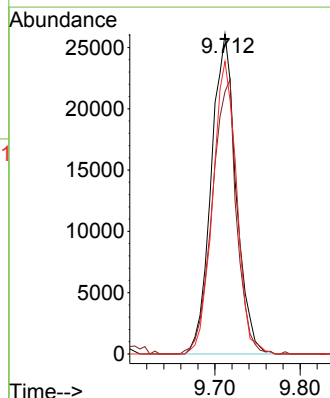
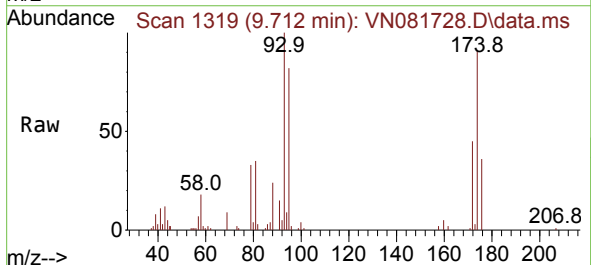
Instrument :  
MSVOA\_N  
ClientSampleId :

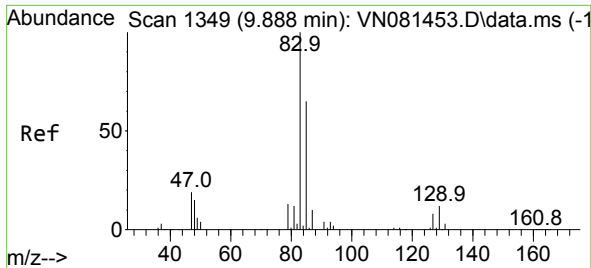
Tgt Ion: 63 Resp: 66475  
Ion Ratio Lower Upper  
63 100  
65 33.0 26.1 39.1



#46  
Dibromomethane  
Concen: 21.279 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion: 93 Resp: 52777  
Ion Ratio Lower Upper  
93 100  
95 84.4 68.1 102.1  
174 88.2 57.2 85.8#

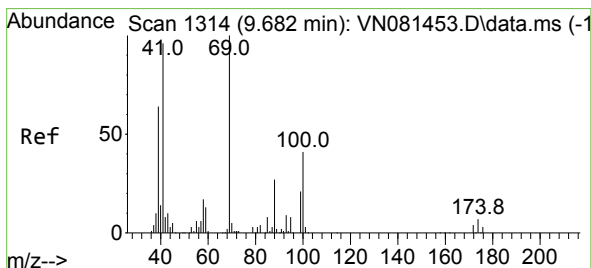
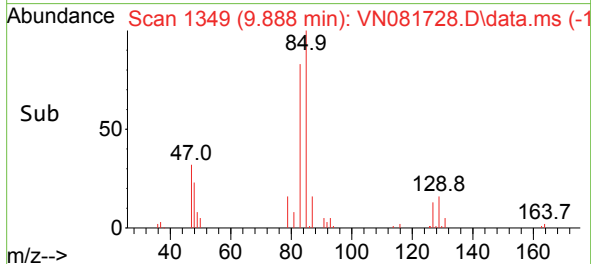
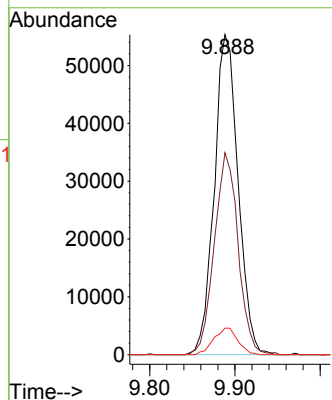
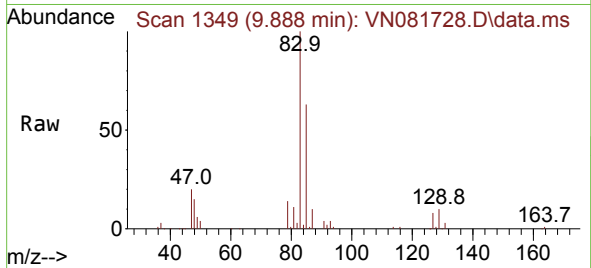




#47  
Bromodichloromethane  
Concen: 22.187 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

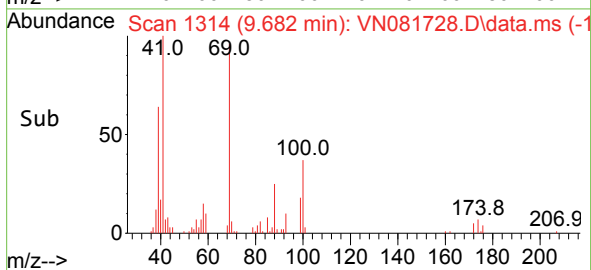
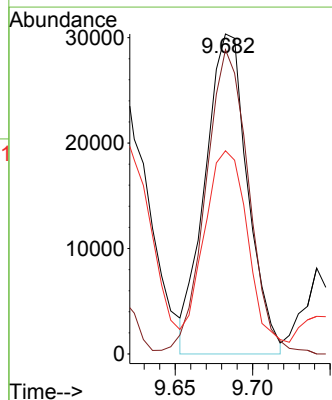
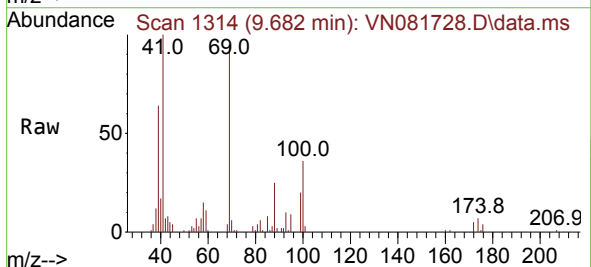
Instrument :  
MSVOA\_N  
ClientSampleId :

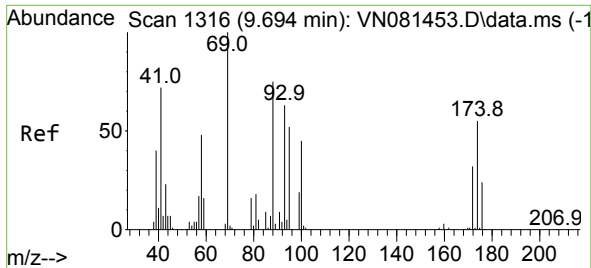
Tgt Ion: 83 Resp: 107589  
Ion Ratio Lower Upper  
83 100  
85 63.1 52.3 78.5  
127 8.3 4.6 7.0#



#48  
Methyl methacrylate  
Concen: 19.201 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion: 41 Resp: 57942  
Ion Ratio Lower Upper  
41 100  
69 96.1 62.2 93.2#  
39 66.2 47.6 71.4





#49

1,4-Dioxane

Concen: 383.166 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

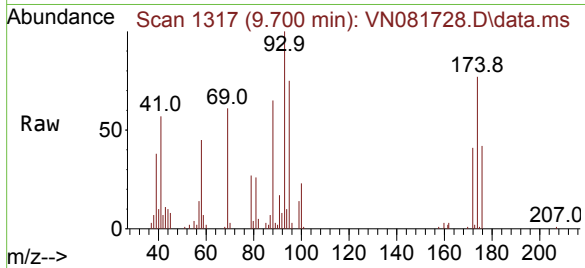
Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

ClientSampleId :



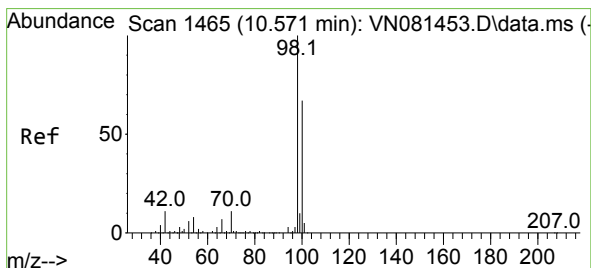
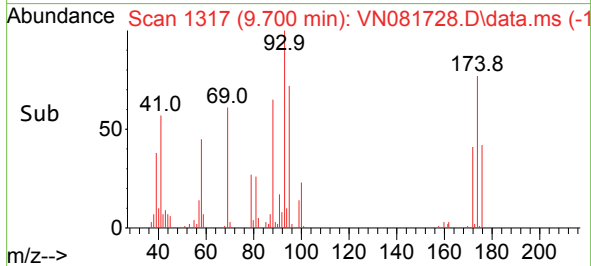
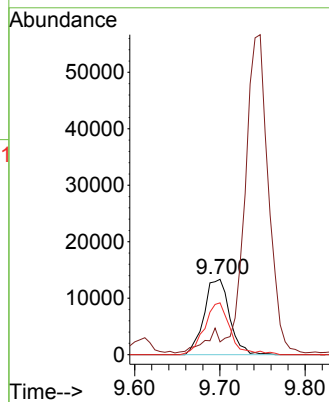
Tgt Ion: 88 Resp: 27787

Ion Ratio Lower Upper

88 100

43 19.3 30.1 45.1#

58 69.4 63.9 95.9



#50

Toluene-d8

Concen: 51.366 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081728.D

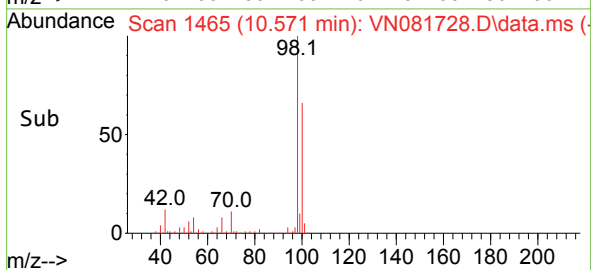
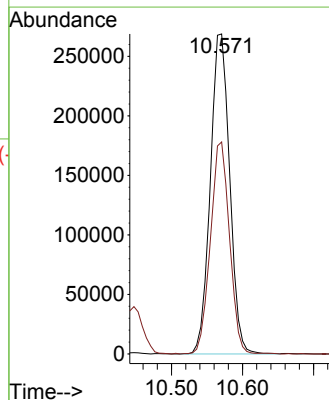
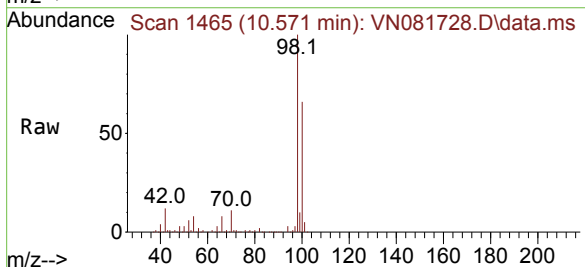
Acq: 12 Apr 2024 19:19

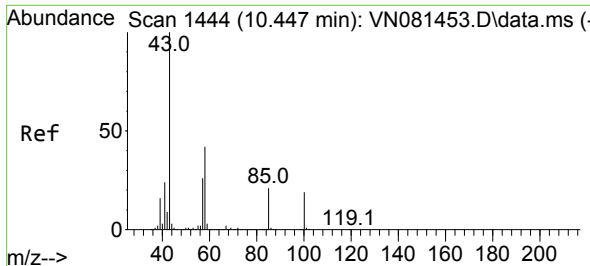
Tgt Ion: 98 Resp: 508579

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0

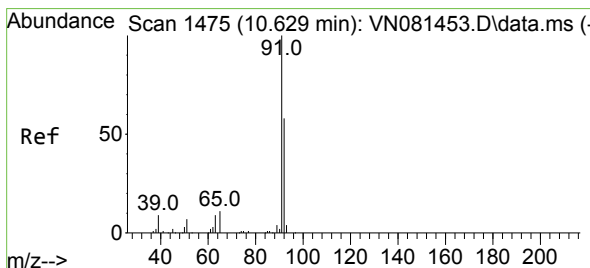
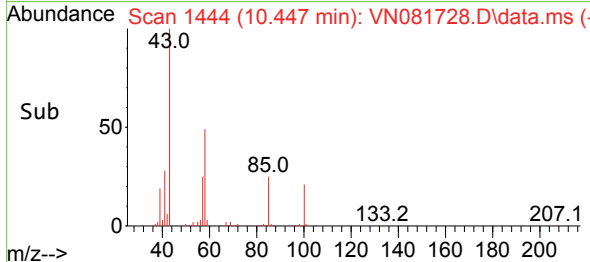
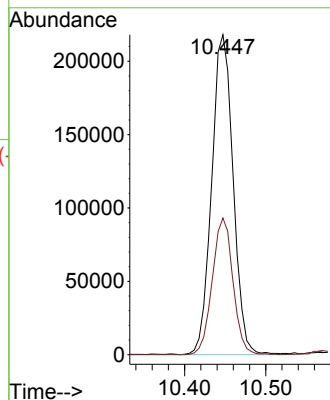
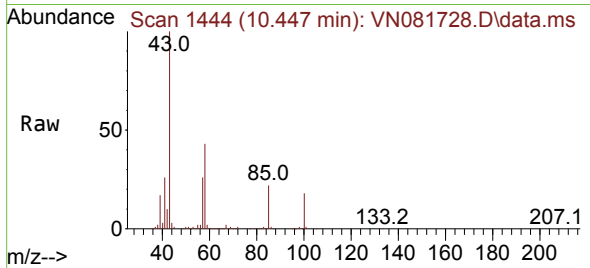




#51  
4-Methyl-2-Pentanone  
Concen: 100.350 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

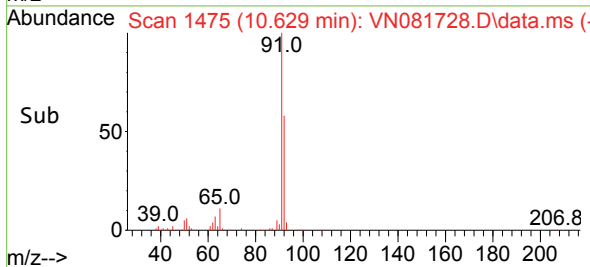
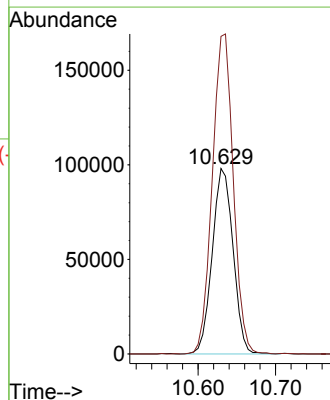
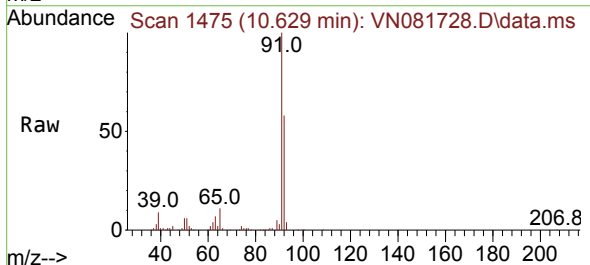
Instrument :  
MSVOA\_N  
ClientSampleId :

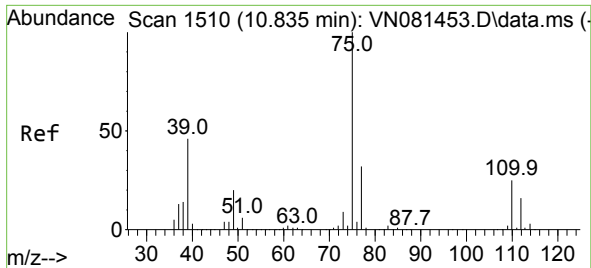
Tgt Ion: 43 Resp: 400620  
Ion Ratio Lower Upper  
43 100  
58 41.2 29.4 44.0



#52  
Toluene  
Concen: 21.412 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion: 92 Resp: 183394  
Ion Ratio Lower Upper  
92 100  
91 173.6 139.4 209.0

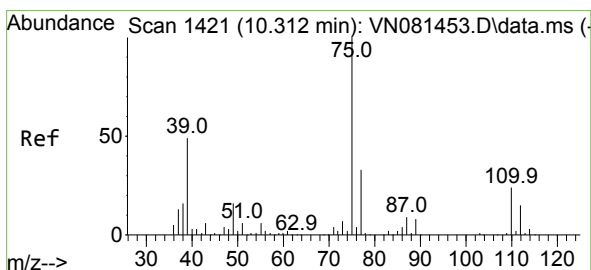
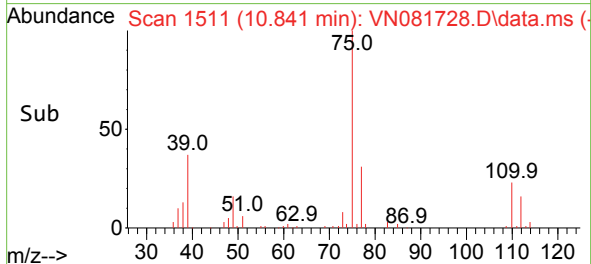
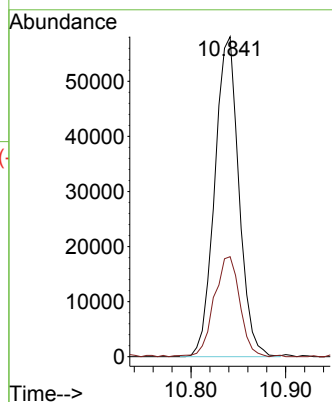
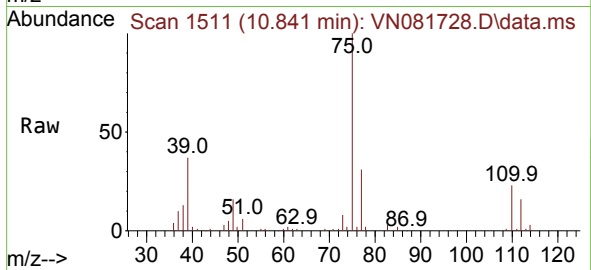




#53  
 t-1,3-Dichloropropene  
 Concen: 19.676 ug/l  
 RT: 10.841 min Scan# 1511  
 Delta R.T. 0.006 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

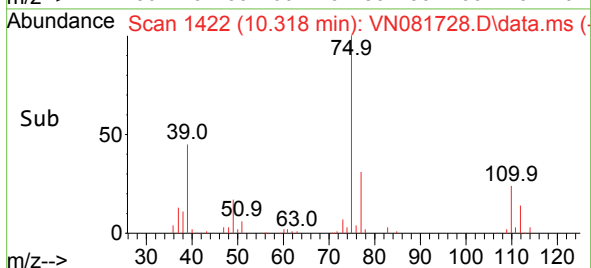
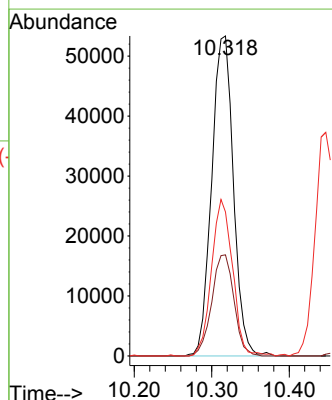
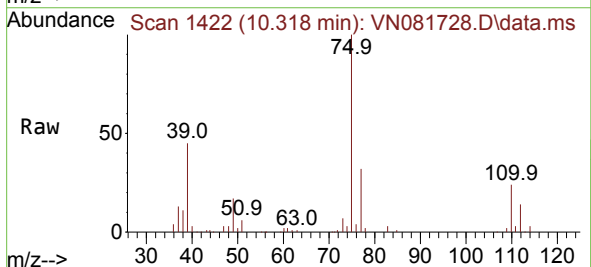
Instrument :  
 MSVOA\_N  
 ClientSampleId :

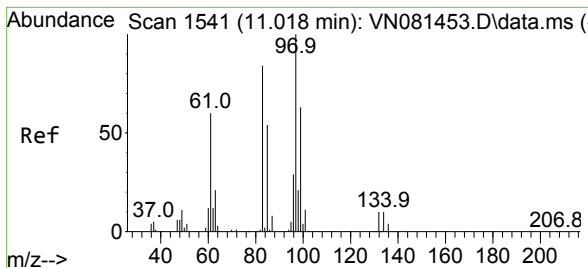
Tgt Ion: 75 Resp: 103029  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.5 38.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.512 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. 0.006 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

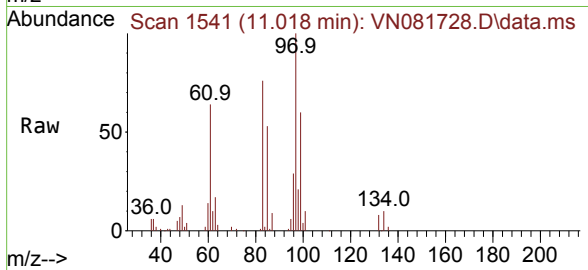
Tgt Ion: 75 Resp: 103929  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 23.3 34.9  
 39 45.0 44.6 66.8



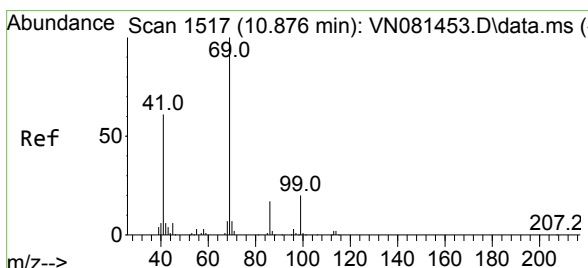
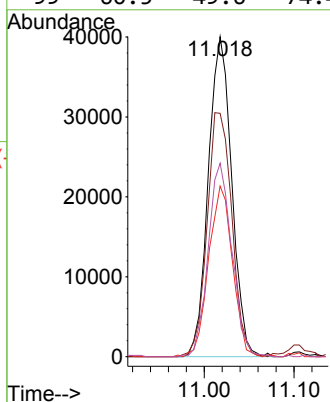
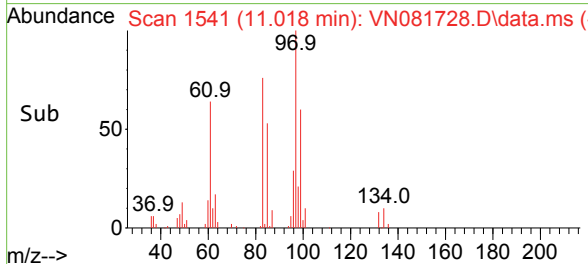


#55  
1,1,2-Trichloroethane  
Concen: 21.044 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

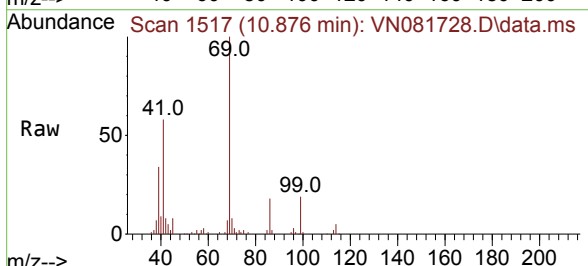
Instrument :  
MSVOA\_N  
ClientSampleId :



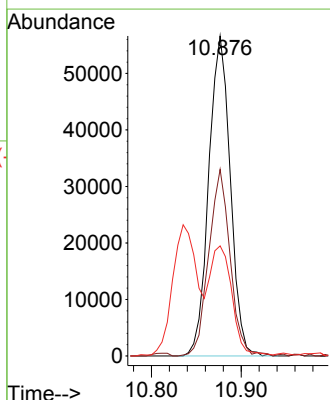
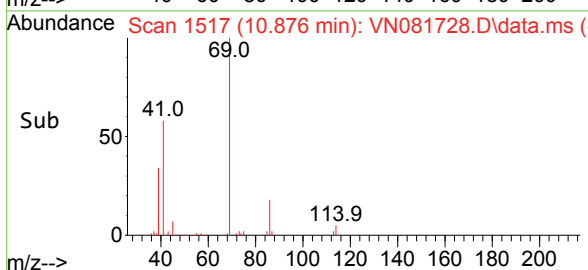
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 72539 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 76.1  | 72.9  | 109.3 |
| 85       | 53.3  | 50.2  | 75.2  |
| 99       | 60.5  | 49.6  | 74.4  |

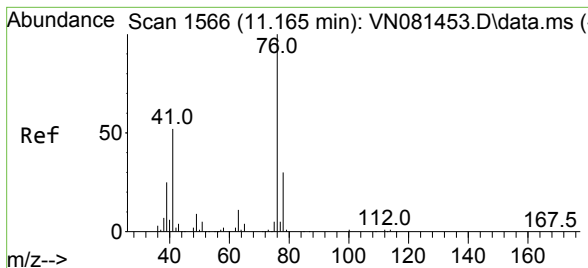


#56  
Ethyl methacrylate  
Concen: 19.973 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 94553 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 57.8  | 61.0  | 91.6# |
| 39       | 35.1  | 31.8  | 47.6  |





#57

1,3-Dichloropropane

Concen: 20.603 ug/l

RT: 11.165 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

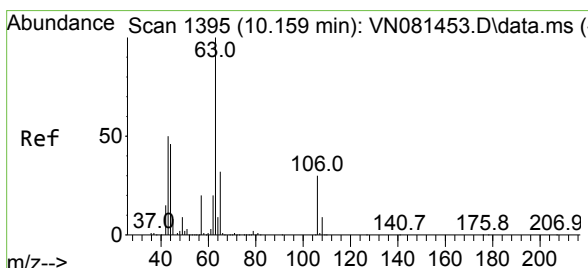
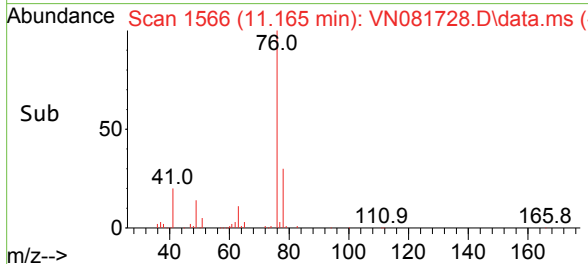
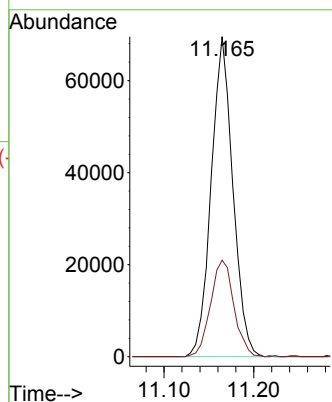
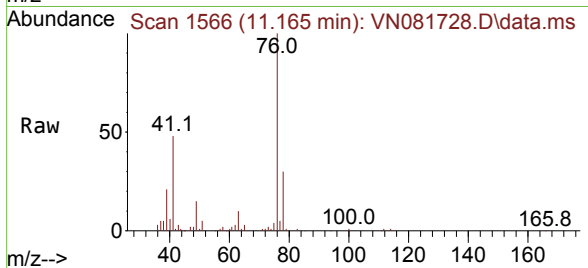
ClientSampleId :

Tgt Ion: 76 Resp: 116422

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 97.108 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081728.D

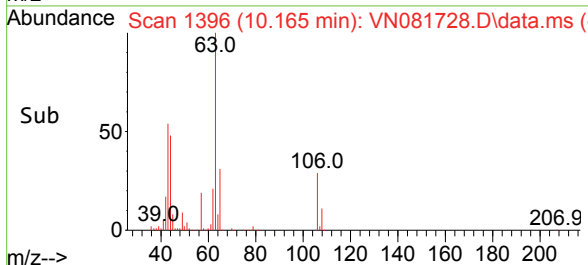
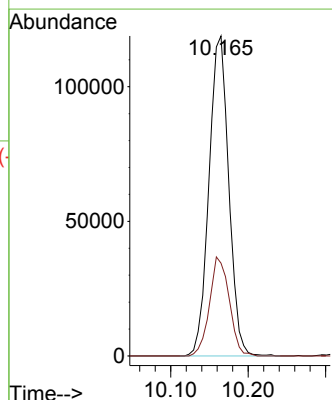
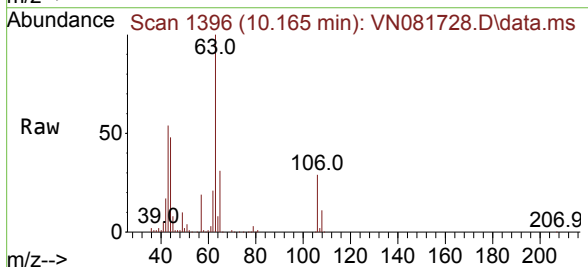
Acq: 12 Apr 2024 19:19

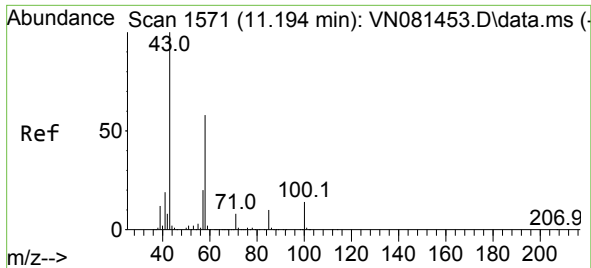
Tgt Ion: 63 Resp: 210619

Ion Ratio Lower Upper

63 100

106 30.8 18.6 28.0#

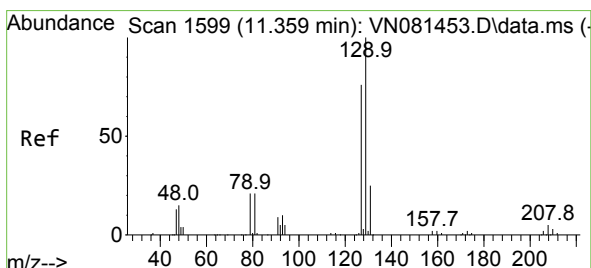
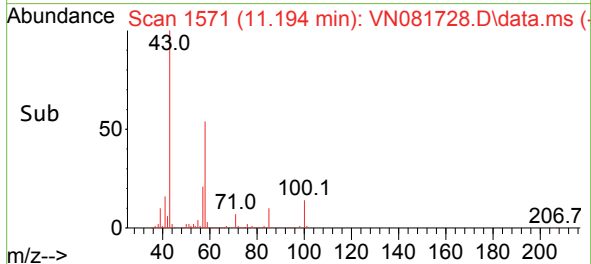
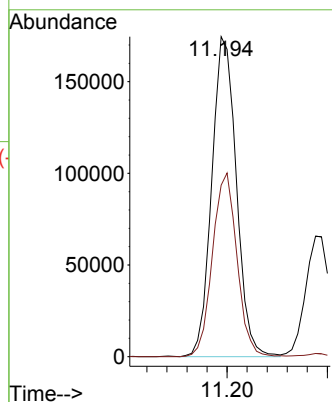
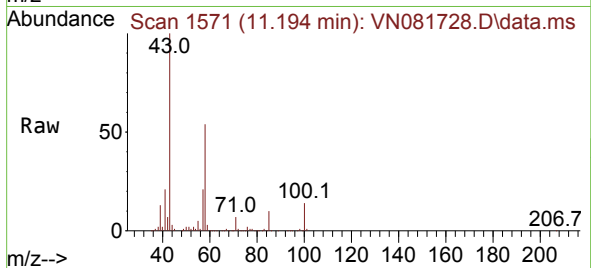




#59  
2-Hexanone  
Concen: 100.762 ug/l  
RT: 11.194 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

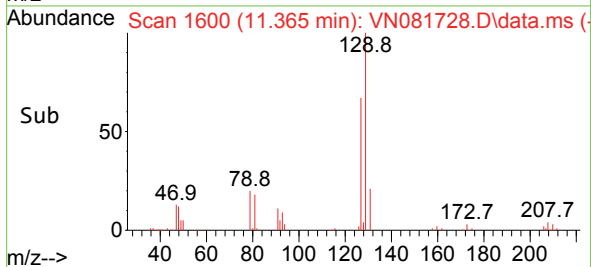
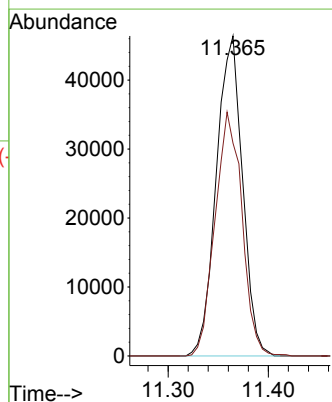
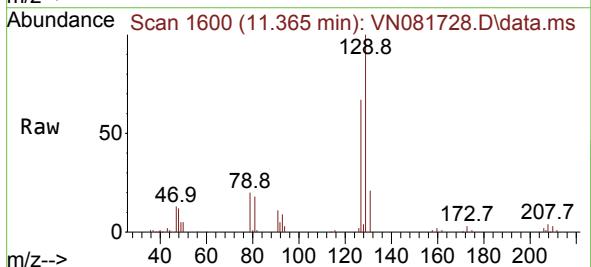
Instrument :  
MSVOA\_N  
ClientSampleId :

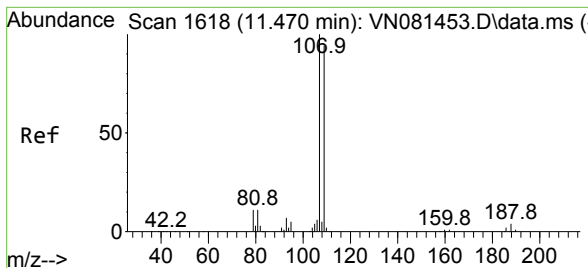
Tgt Ion: 43 Resp: 297408  
Ion Ratio Lower Upper  
43 100  
58 57.1 25.9 77.8



#60  
Dibromochloromethane  
Concen: 22.207 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. 0.006 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion:129 Resp: 84184  
Ion Ratio Lower Upper  
129 100  
127 78.3 39.4 118.2

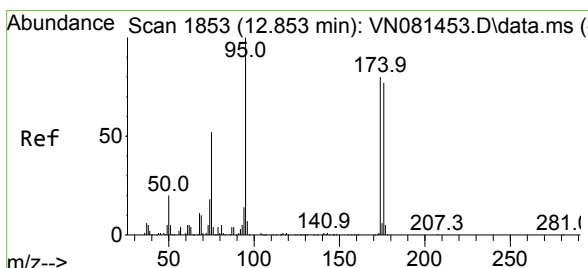
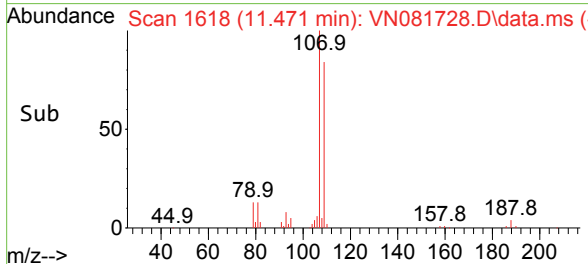
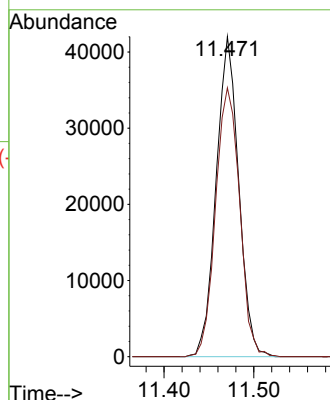
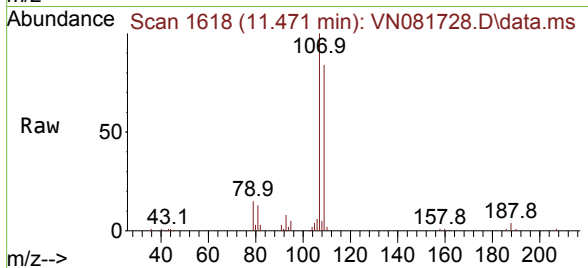




#61  
 1,2-Dibromoethane  
 Concen: 20.832 ug/l  
 RT: 11.471 min Scan# 1618  
 Delta R.T. 0.000 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

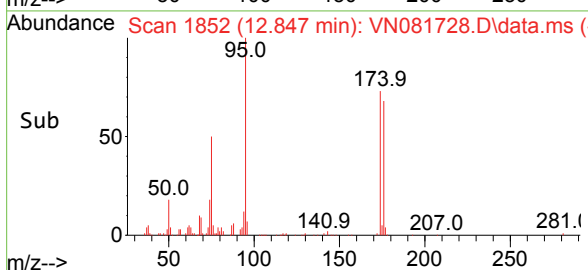
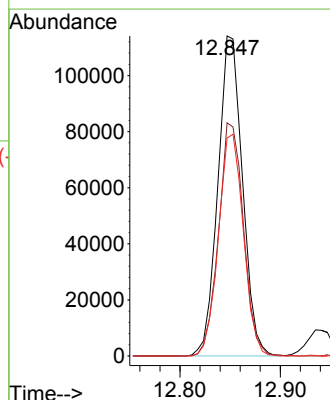
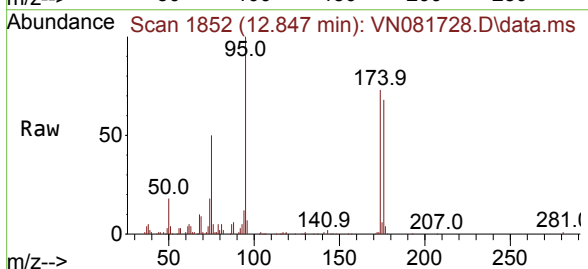
Instrument :  
 MSVOA\_N  
 ClientSampleId :

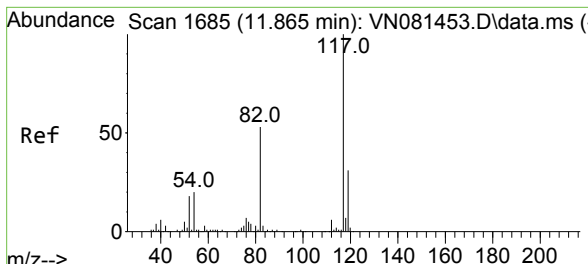
Tgt Ion:107 Resp: 73209  
 Ion Ratio Lower Upper  
 107 100  
 109 89.6 73.4 110.2



#62  
 4-Bromofluorobenzene  
 Concen: 55.641 ug/l  
 RT: 12.847 min Scan# 1852  
 Delta R.T. -0.006 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

Tgt Ion: 95 Resp: 194115  
 Ion Ratio Lower Upper  
 95 100  
 174 73.8 0.0 120.4  
 176 70.1 0.0 121.0



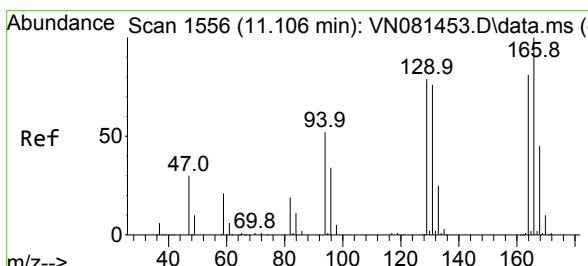
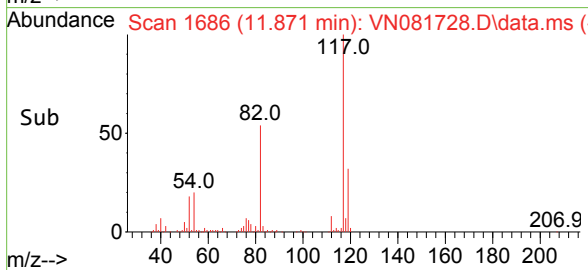
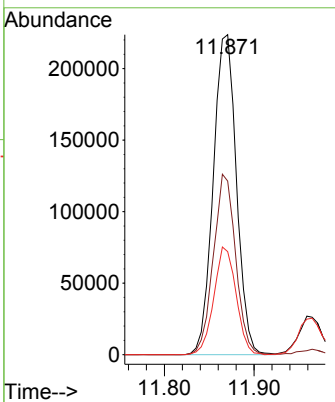
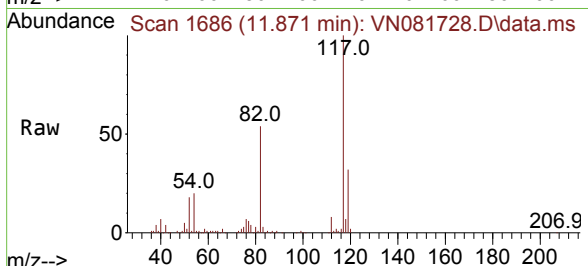


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:117 Resp: 401619

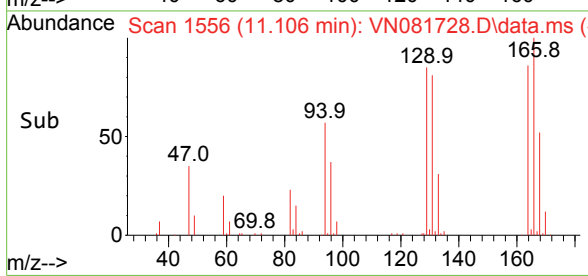
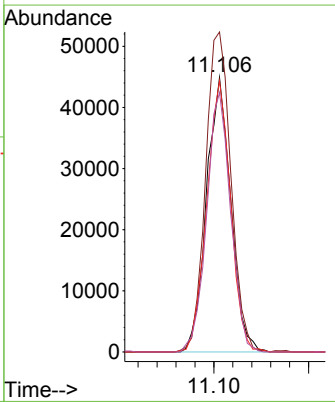
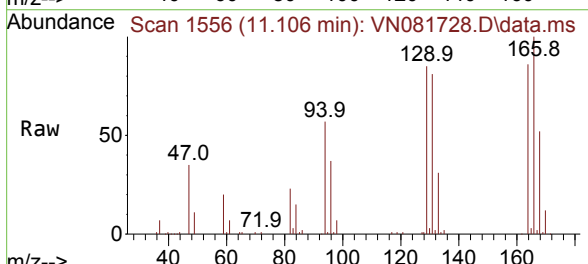
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 54.3  | 52.7  | 79.1  |
| 119 | 32.2  | 25.3  | 37.9  |

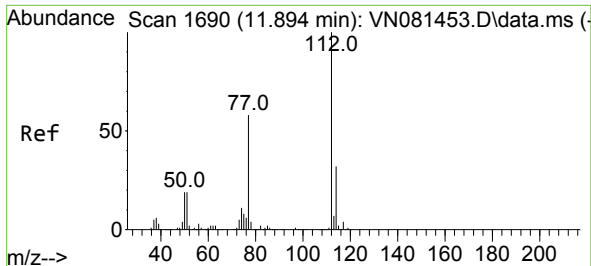


#64  
Tetrachloroethene  
Concen: 20.853 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion:164 Resp: 80055

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 116.5 | 105.8 | 158.6 |
| 129 | 98.9  | 89.6  | 134.4 |
| 131 | 94.5  | 84.9  | 127.3 |

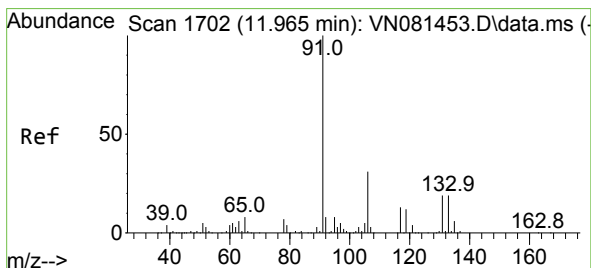
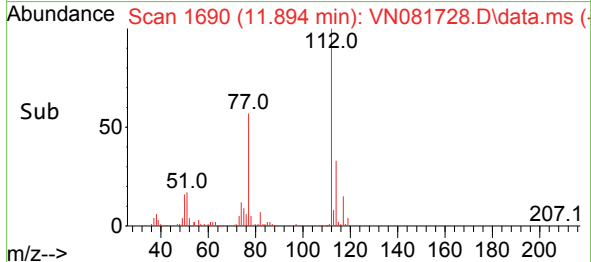
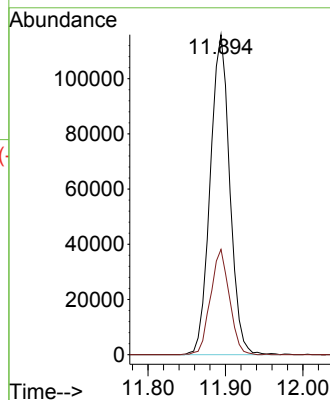
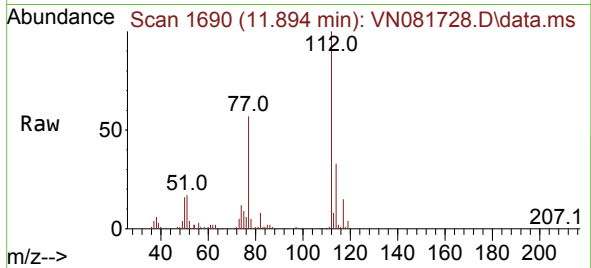




#65  
Chlorobenzene  
Concen: 21.387 ug/l  
RT: 11.894 min Scan# 1189  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

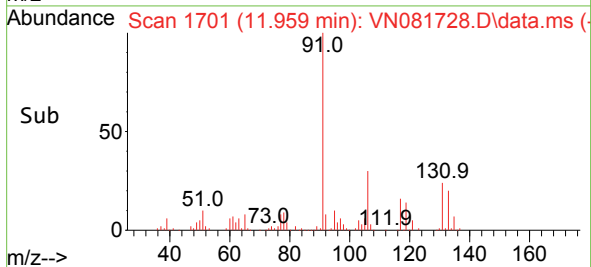
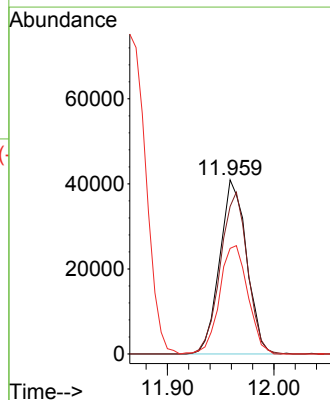
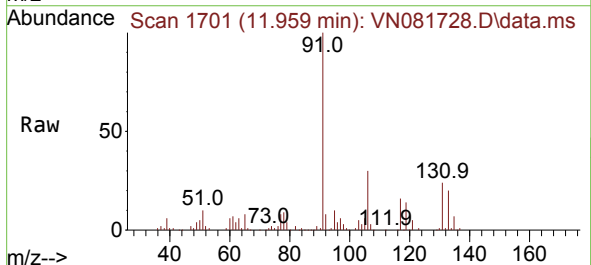
Instrument :  
MSVOA\_N  
ClientSampleId :

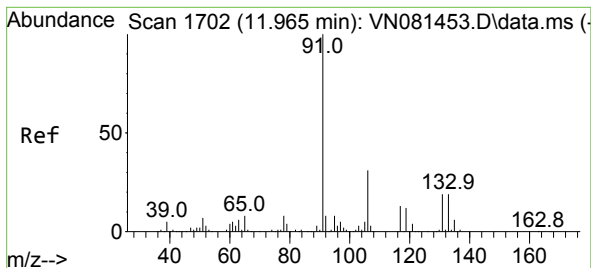
Tgt Ion:112 Resp: 203054  
Ion Ratio Lower Upper  
112 100  
114 32.9 23.7 35.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.412 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion:131 Resp: 71827  
Ion Ratio Lower Upper  
131 100  
133 93.9 46.8 140.3  
119 65.3 34.6 103.9





#67

Ethyl Benzene

Concen: 20.299 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

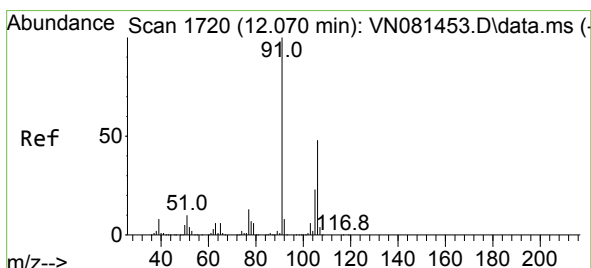
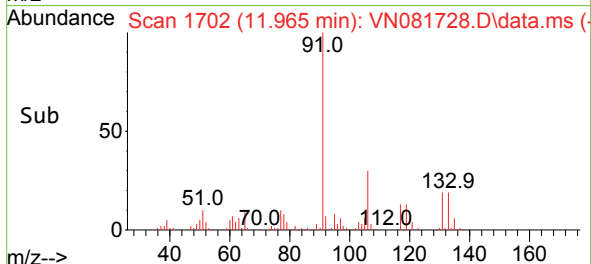
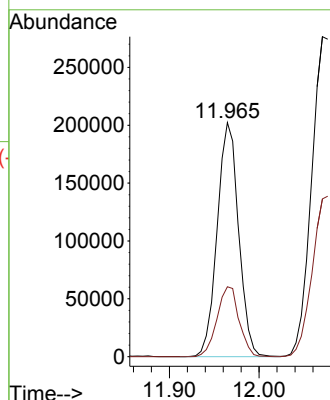
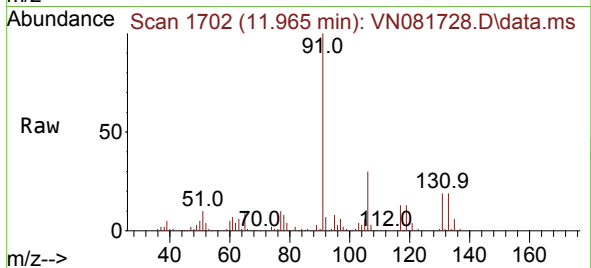
ClientSampleId :

Tgt Ion: 91 Resp: 334769

Ion Ratio Lower Upper

91 100

106 29.9 23.8 35.6



#68

m/p-Xylenes

Concen: 42.181 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN081728.D

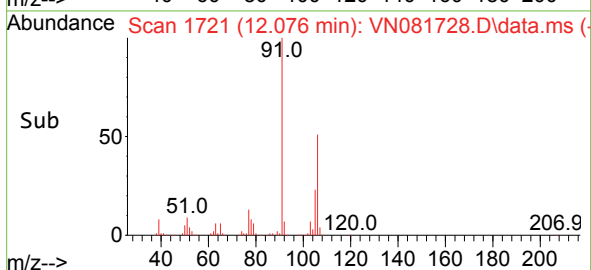
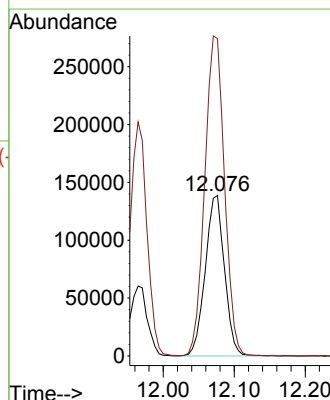
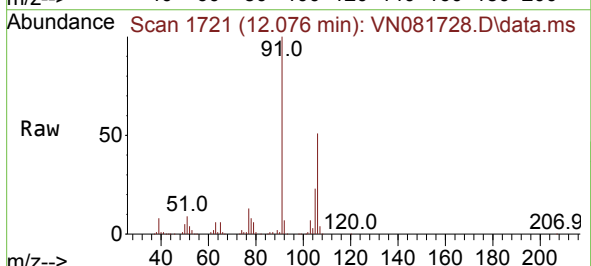
Acq: 12 Apr 2024 19:19

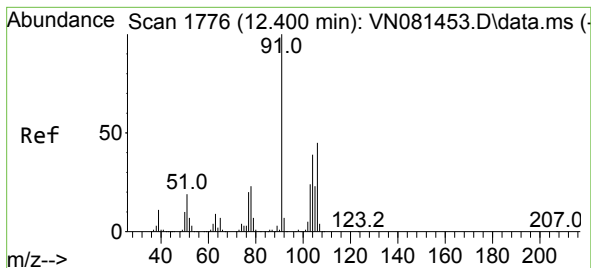
Tgt Ion: 106 Resp: 260794

Ion Ratio Lower Upper

106 100

91 205.5 169.0 253.6





#69

o-Xylene

Concen: 20.759 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

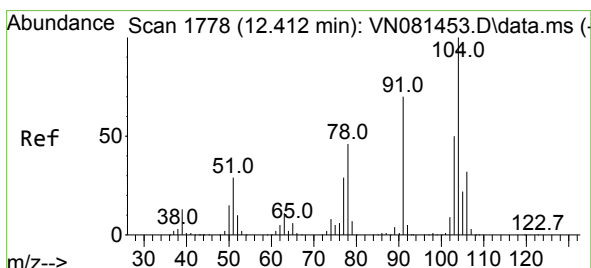
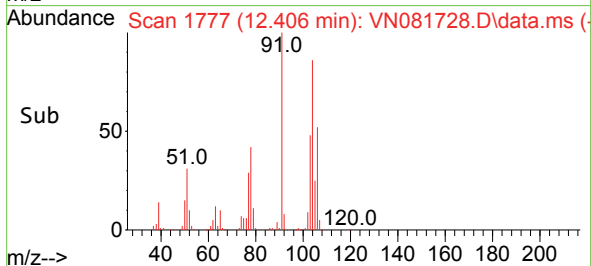
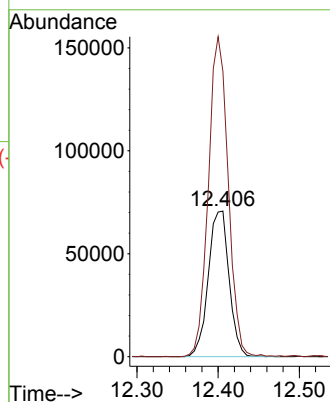
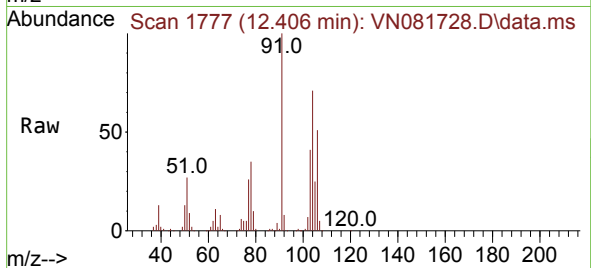
ClientSampleId :

Tgt Ion:106 Resp: 126000

Ion Ratio Lower Upper

106 100

91 209.2 112.1 336.3



#70

Styrene

Concen: 21.694 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

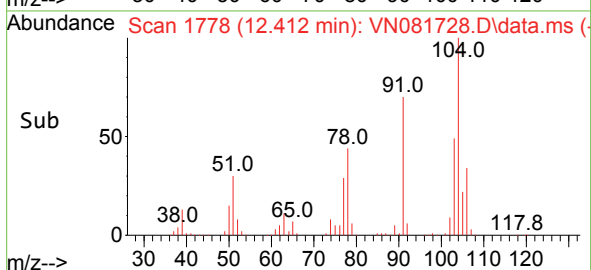
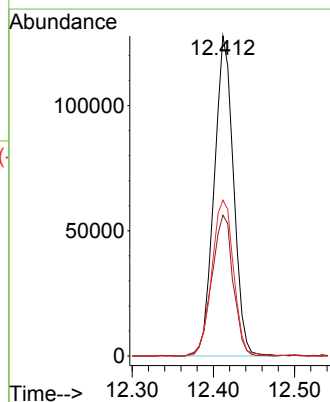
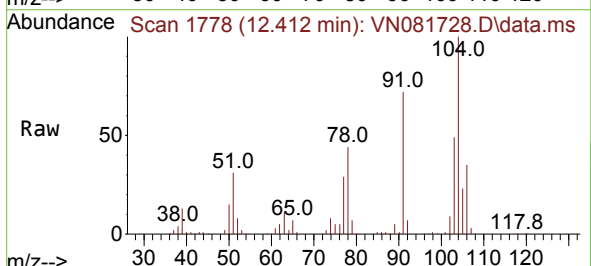
Tgt Ion:104 Resp: 212369

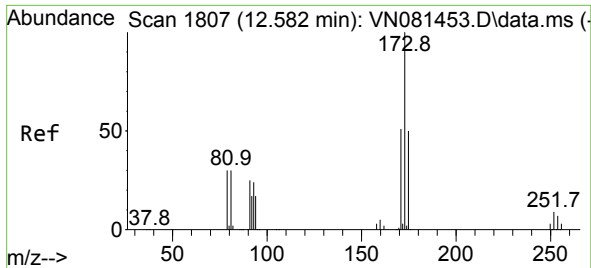
Ion Ratio Lower Upper

104 100

78 48.6 43.8 65.8

103 54.3 44.2 66.2

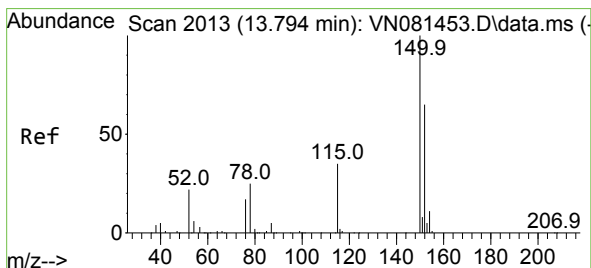
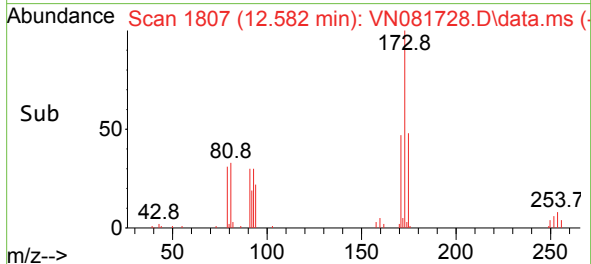
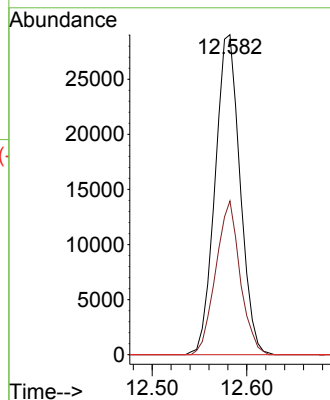
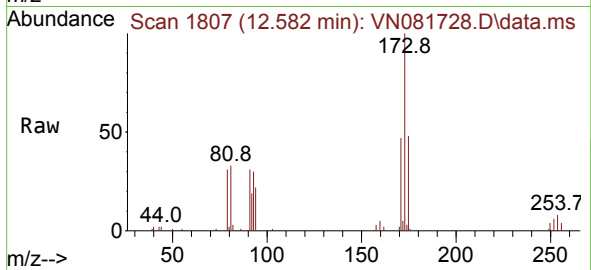




#71  
Bromoform  
Concen: 20.137 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

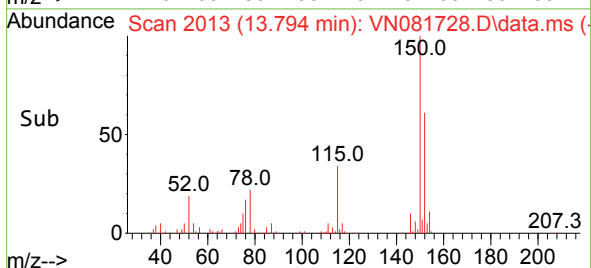
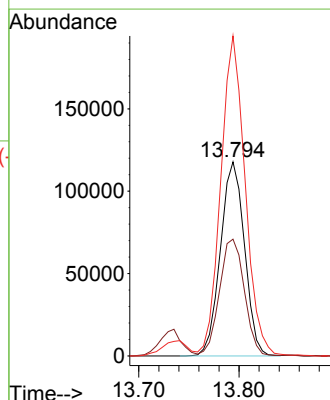
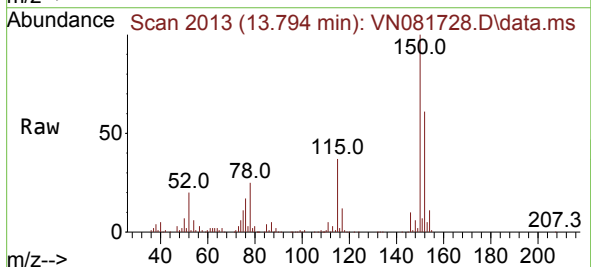
Instrument :  
MSVOA\_N  
ClientSampleId :

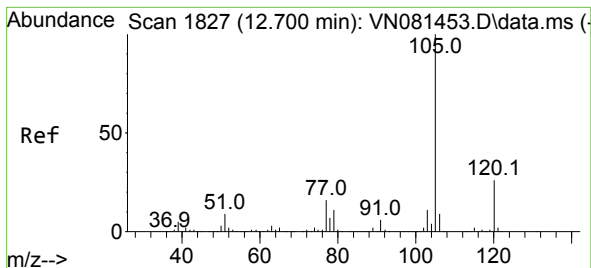
Tgt Ion:173 Resp: 53246  
Ion Ratio Lower Upper  
173 100  
175 46.9 23.1 69.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion:152 Resp: 196583  
Ion Ratio Lower Upper  
152 100  
115 61.5 32.3 96.8  
150 167.0 0.0 339.8





#73

Isopropylbenzene

Concen: 18.938 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

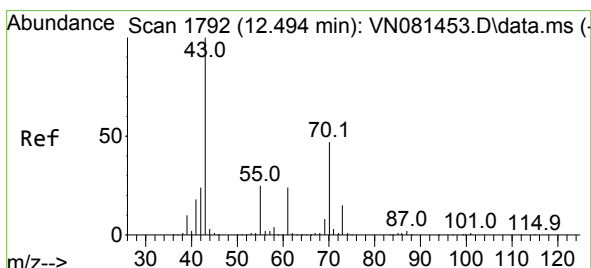
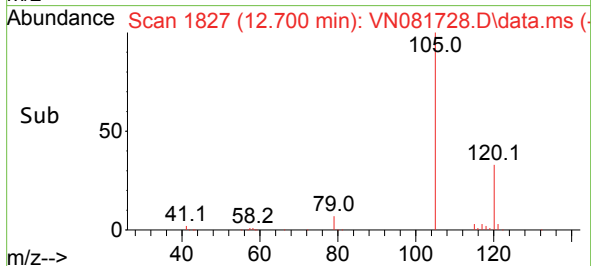
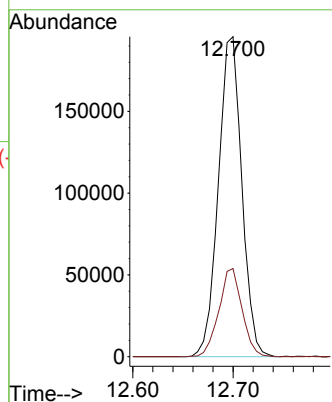
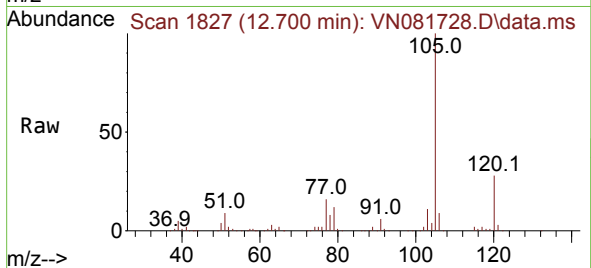
ClientSampleId :

Tgt Ion:105 Resp: 317344

Ion Ratio Lower Upper

105 100

120 27.3 12.6 37.6



#74

N-ethyl acetate

Concen: 19.297 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Tgt Ion: 43 Resp: 117019

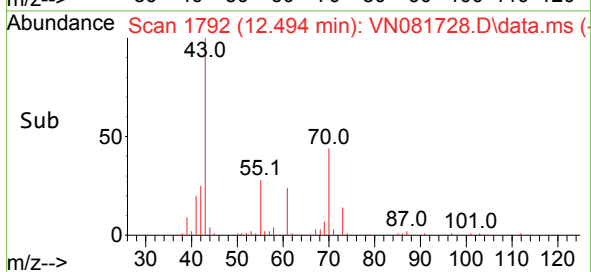
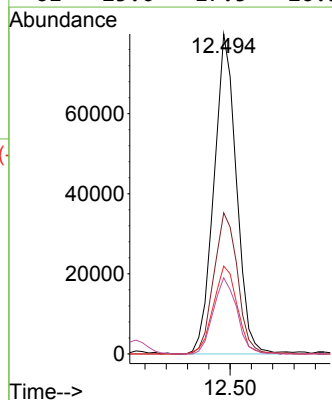
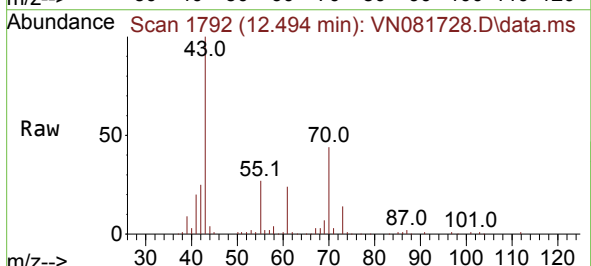
Ion Ratio Lower Upper

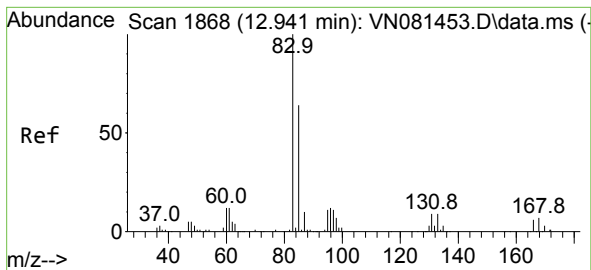
43 100

70 46.6 30.1 45.1#

55 29.5 17.0 25.4#

61 25.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.096 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

ClientSampleId :

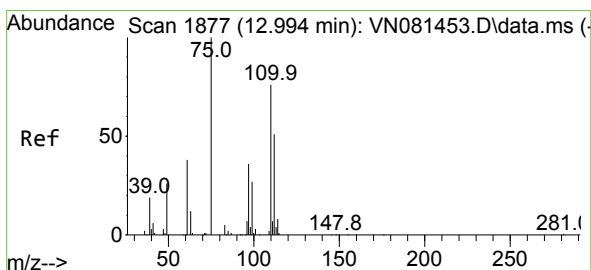
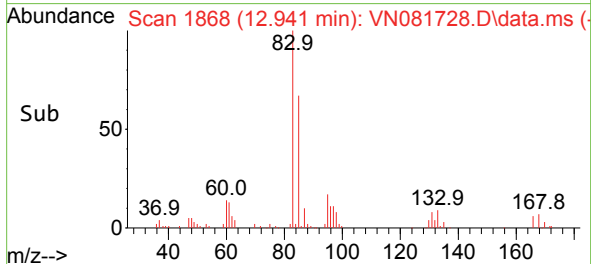
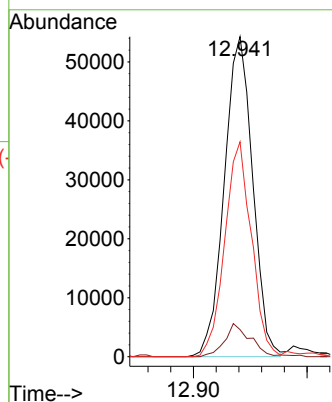
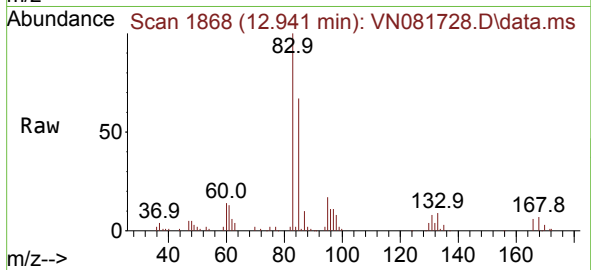
Tgt Ion: 83 Resp: 94082

Ion Ratio Lower Upper

83 100

131 9.6 4.1 12.3

85 63.2 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 26.733 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081728.D

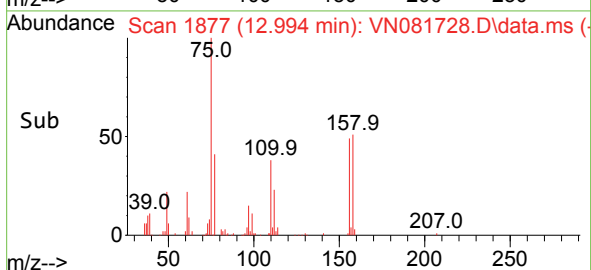
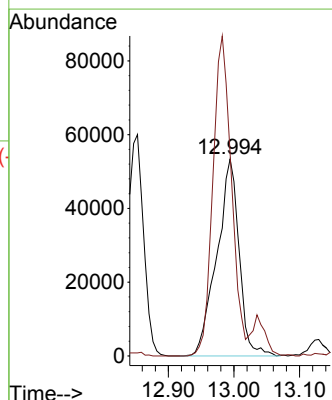
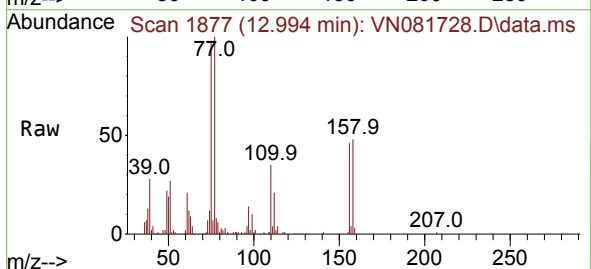
Acq: 12 Apr 2024 19:19

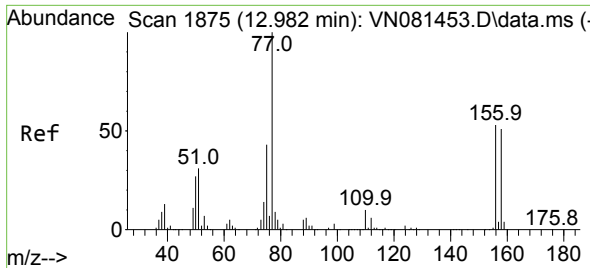
Tgt Ion: 75 Resp: 125708

Ion Ratio Lower Upper

75 100

77 135.4 91.0 272.8

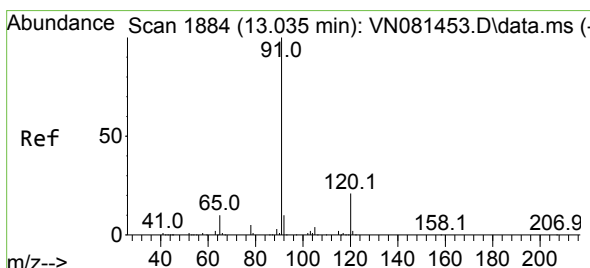
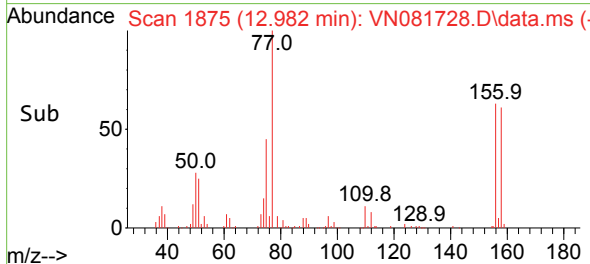
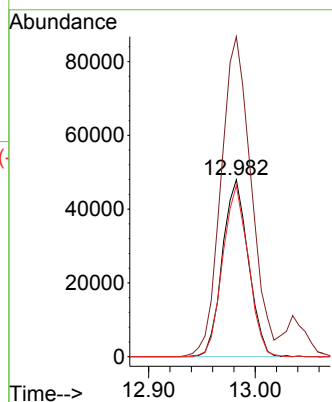
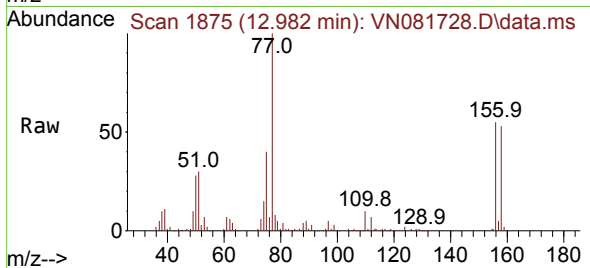




#77  
Bromobenzene  
Concen: 19.588 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

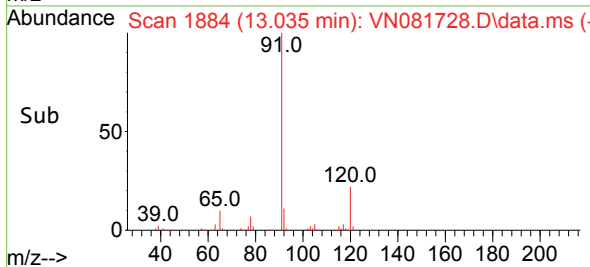
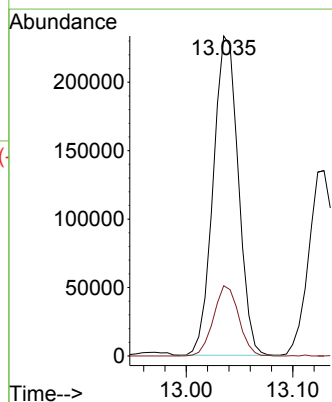
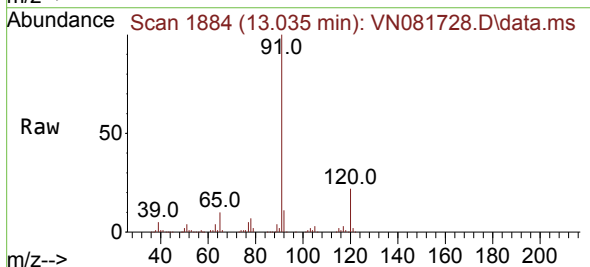
Instrument :  
MSVOA\_N  
ClientSampleId :

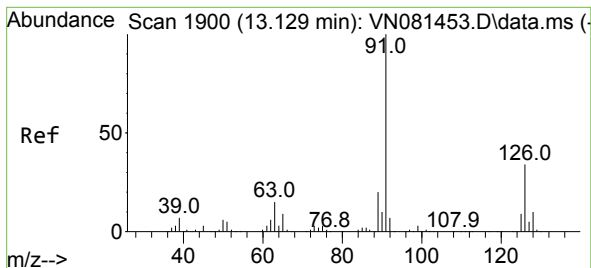
Tgt Ion:156 Resp: 81082  
Ion Ratio Lower Upper  
156 100  
77 210.0 138.1 414.3  
158 95.9 46.5 139.5



#78  
n-propylbenzene  
Concen: 19.243 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion: 91 Resp: 380793  
Ion Ratio Lower Upper  
91 100  
120 22.1 10.3 30.9





#79

2-Chlorotoluene

Concen: 19.673 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

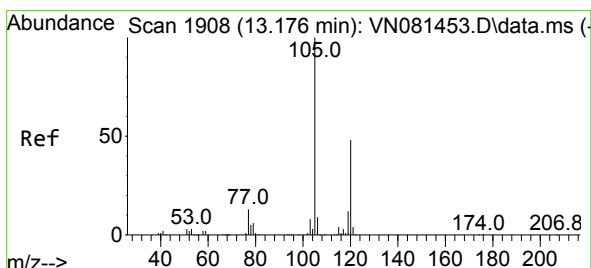
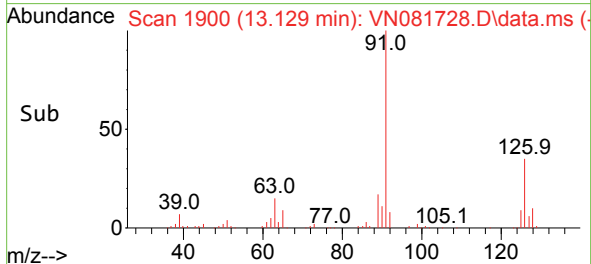
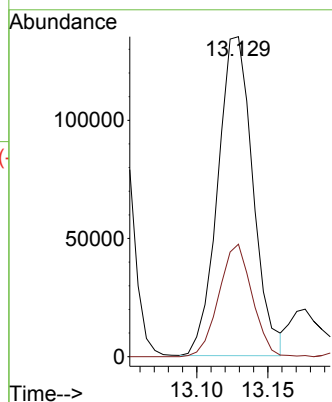
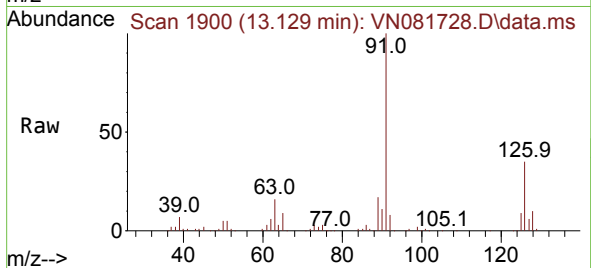
ClientSampleId :

Tgt Ion: 91 Resp: 233005

Ion Ratio Lower Upper

91 100

126 33.3 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 19.494 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081728.D

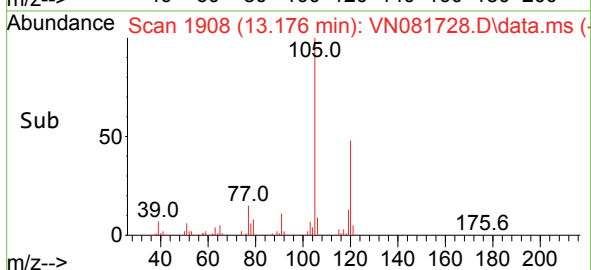
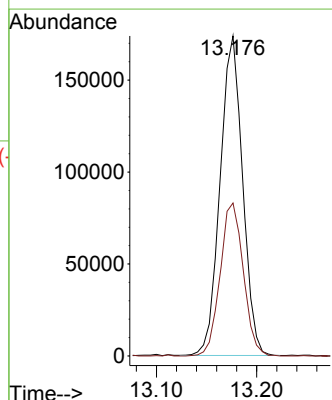
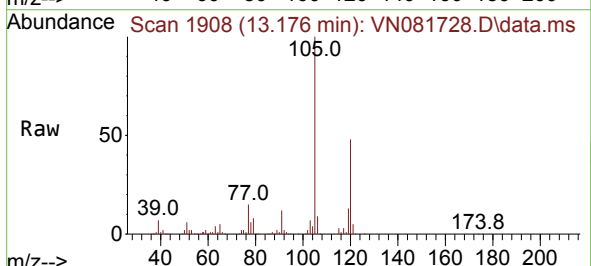
Acq: 12 Apr 2024 19:19

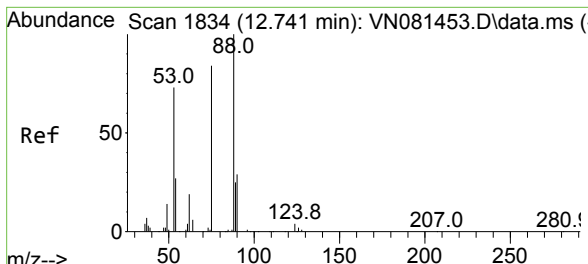
Tgt Ion: 105 Resp: 269809

Ion Ratio Lower Upper

105 100

120 49.3 23.0 69.0

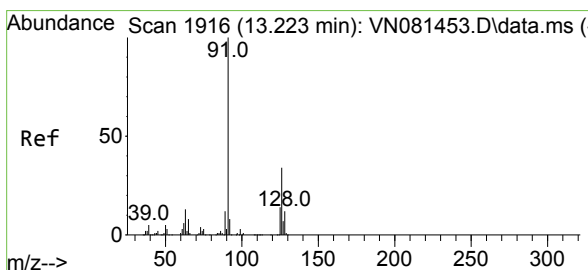
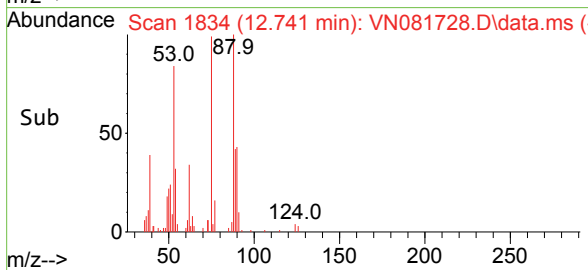
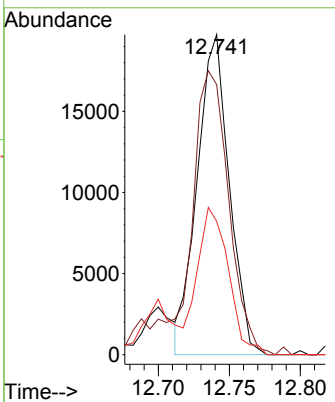
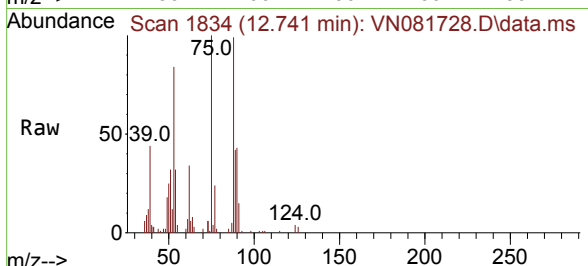




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 17.825 ug/l  
 RT: 12.741 min Scan# 1834  
 Delta R.T. 0.000 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

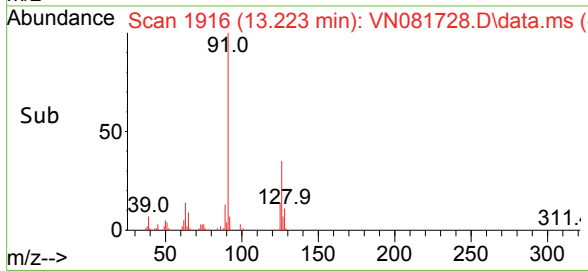
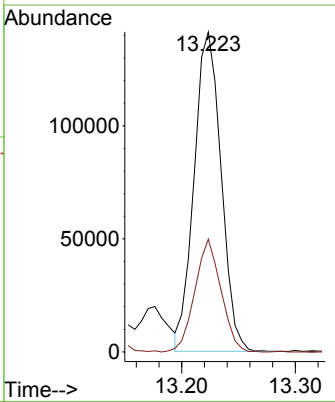
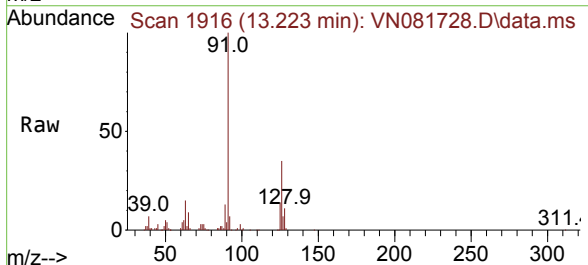
Instrument :  
 MSVOA\_N  
 ClientSampleId :

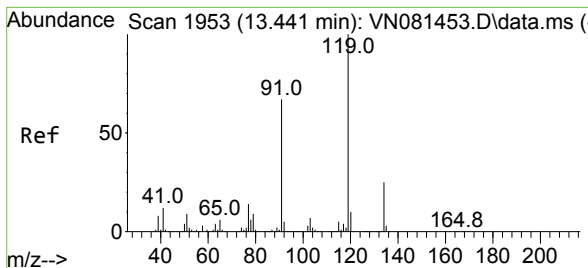
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 31017  |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 53       | 110.1 | 71.4  | 107.2# |
| 89       | 44.3  | 33.4  | 50.0   |



#82  
 4-Chlorotoluene  
 Concen: 19.952 ug/l  
 RT: 13.223 min Scan# 1916  
 Delta R.T. 0.000 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 232984 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 34.2  | 15.3  | 45.9   |





#83

tert-Butylbenzene

Concen: 18.685 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

ClientSampleId :

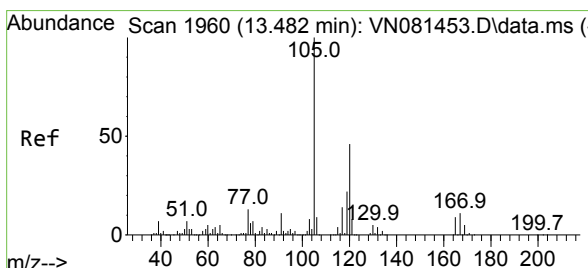
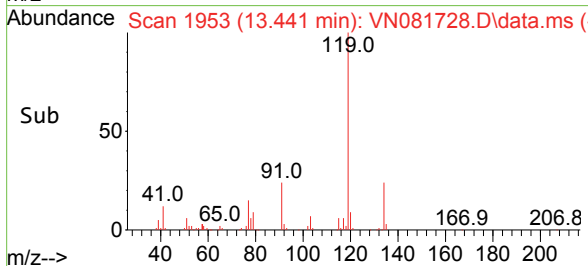
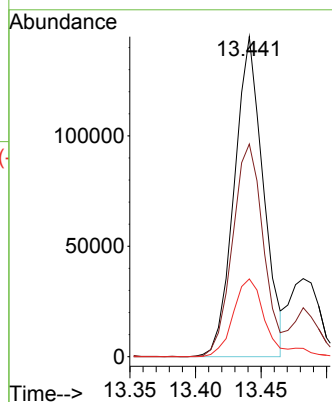
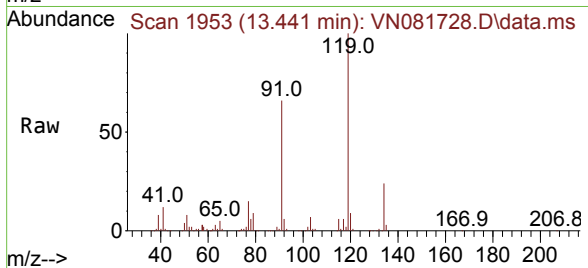
Tgt Ion:119 Resp: 223006

Ion Ratio Lower Upper

119 100

91 70.4 36.8 110.4

134 27.7 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 20.165 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081728.D

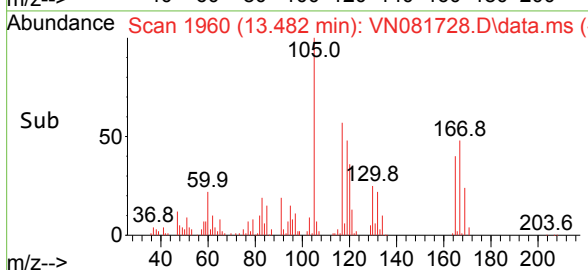
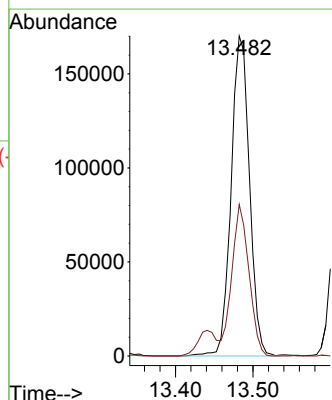
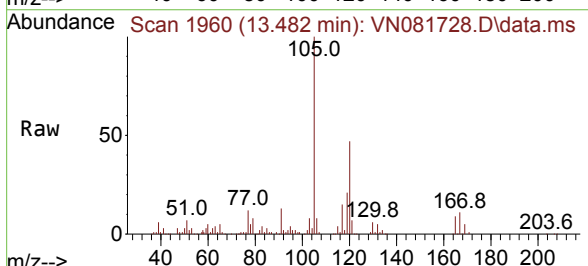
Acq: 12 Apr 2024 19:19

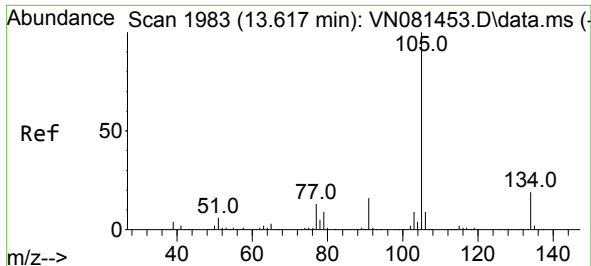
Tgt Ion:105 Resp: 280508

Ion Ratio Lower Upper

105 100

120 44.0 20.9 62.7

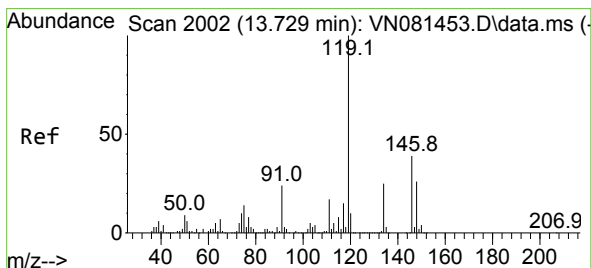
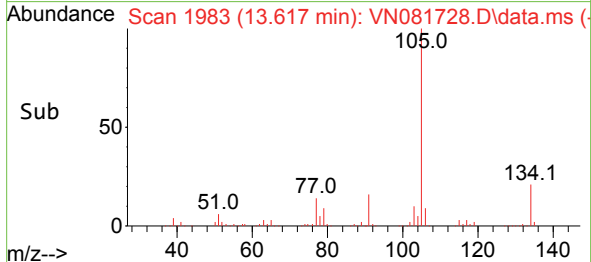
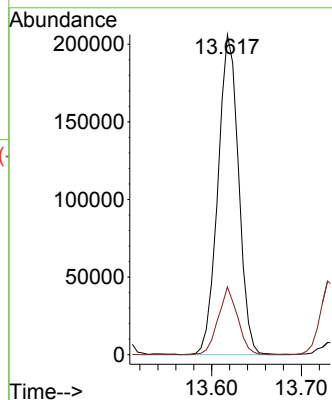
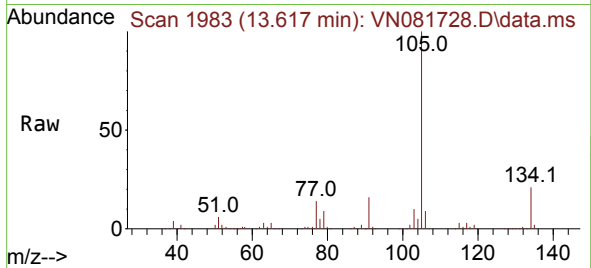




#85  
 sec-Butylbenzene  
 Concen: 19.329 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

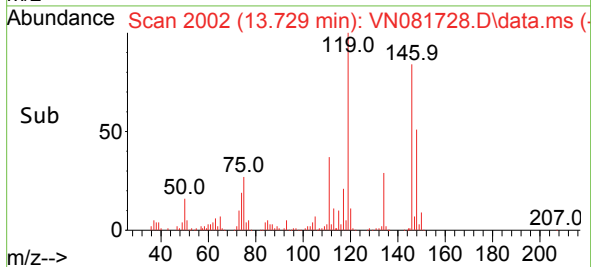
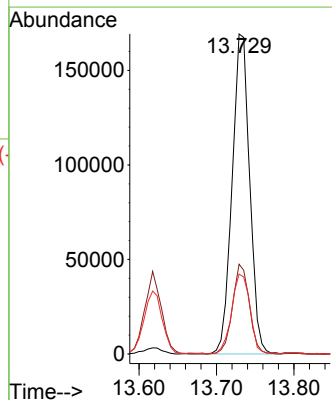
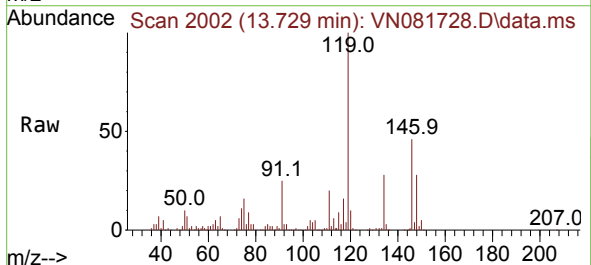
Instrument :  
 MSVOA\_N  
 ClientSampleId :

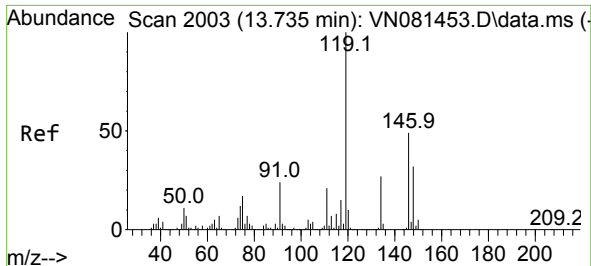
Tgt Ion:105 Resp: 329781  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 8.6 25.8



#86  
 p-Isopropyltoluene  
 Concen: 19.173 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

Tgt Ion:119 Resp: 267406  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 12.4 37.2  
 91 26.2 13.5 40.4

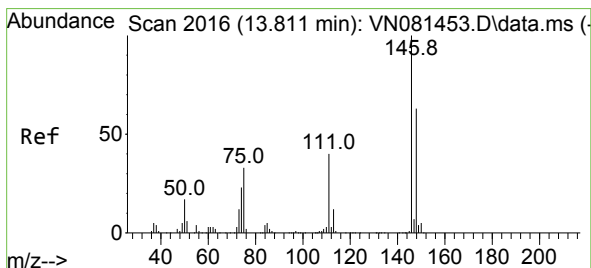
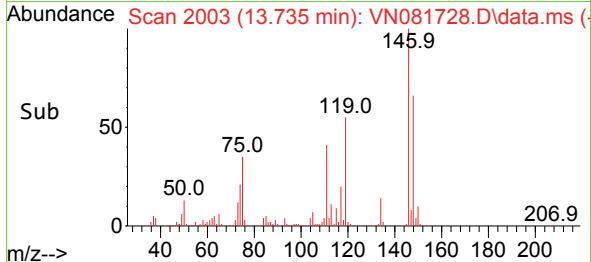
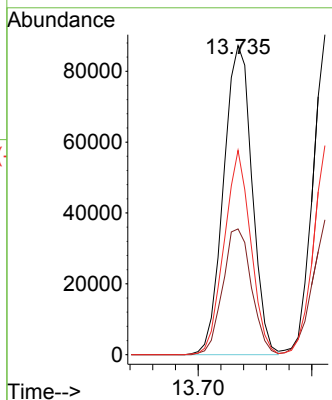
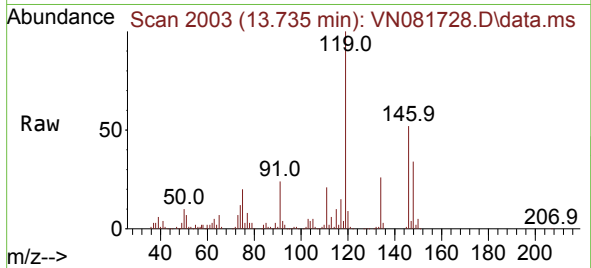




#87  
 1,3-Dichlorobenzene  
 Concen: 19.994 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

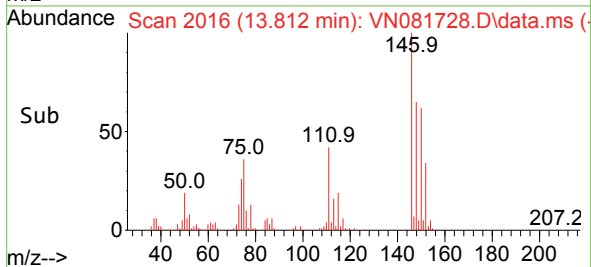
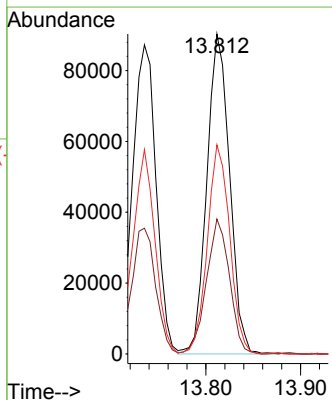
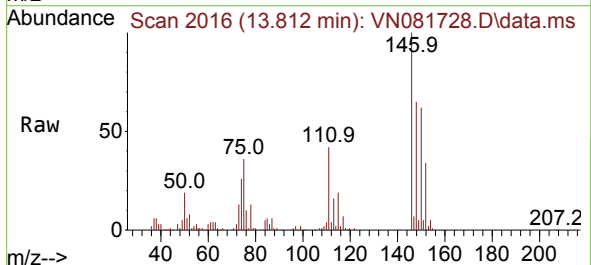
Instrument :  
 MSVOA\_N  
 ClientSampleId :

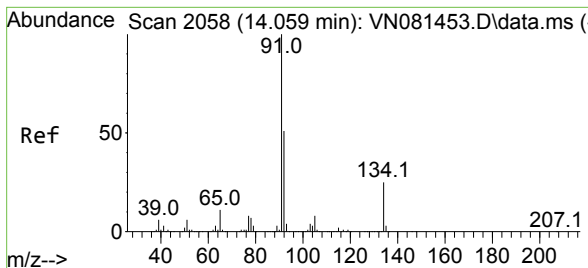
Tgt Ion:146 Resp: 152065  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 23.9 71.7  
 148 61.6 32.6 97.7



#88  
 1,4-Dichlorobenzene  
 Concen: 19.145 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN081728.D  
 Acq: 12 Apr 2024 19:19

Tgt Ion:146 Resp: 150763  
 Ion Ratio Lower Upper  
 146 100  
 111 42.7 22.6 67.7  
 148 64.4 31.9 95.5





#89

n-Butylbenzene

Concen: 18.087 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

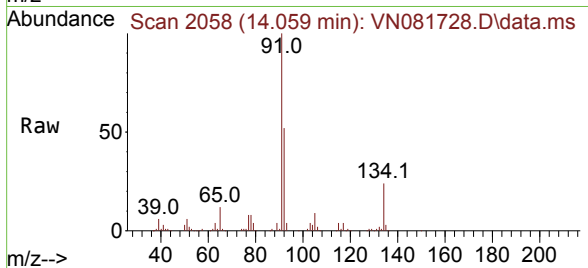
Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

ClientSampleId :



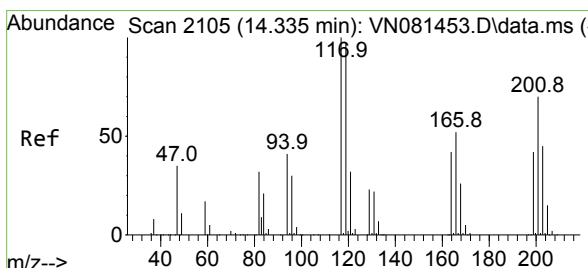
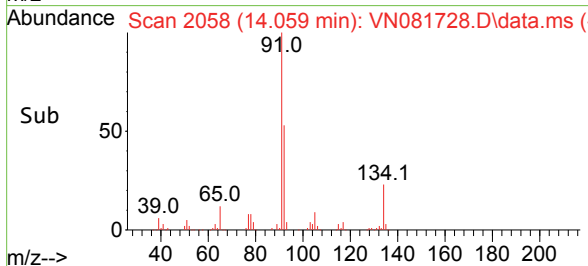
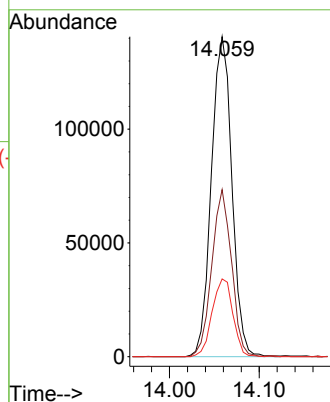
Tgt Ion: 91 Resp: 223680

Ion Ratio Lower Upper

91 100

92 50.2 26.7 80.1

134 24.5 10.8 32.4



#90

Hexachloroethane

Concen: 20.021 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081728.D

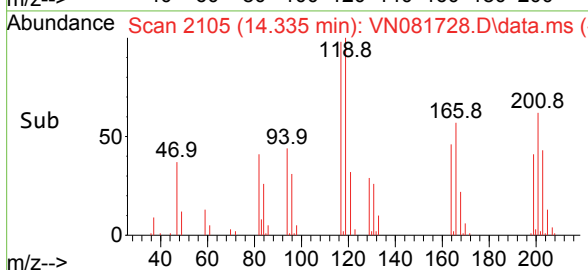
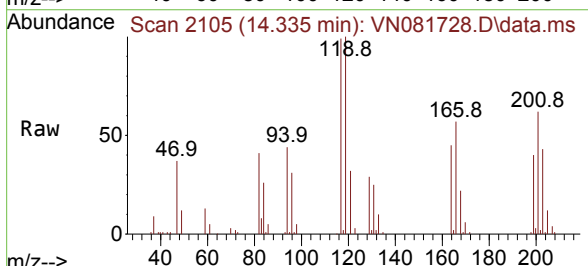
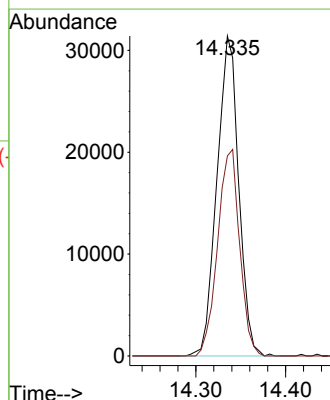
Acq: 12 Apr 2024 19:19

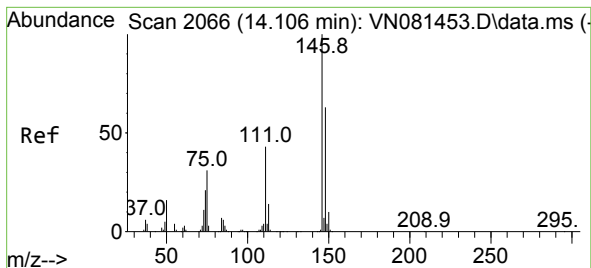
Tgt Ion: 117 Resp: 52881

Ion Ratio Lower Upper

117 100

201 65.3 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 20.234 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

ClientSampleId :

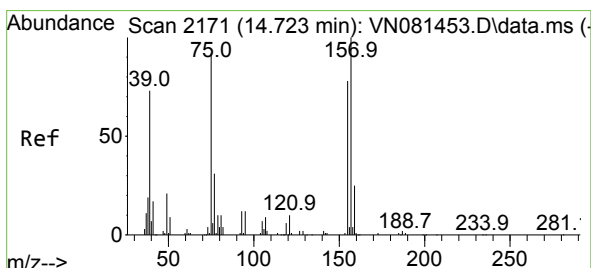
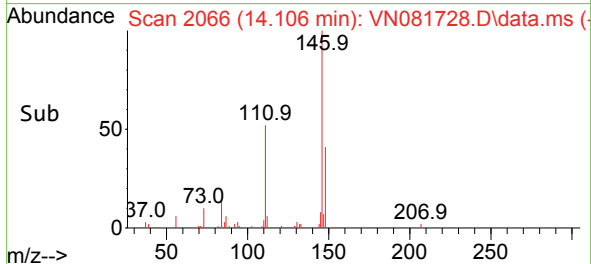
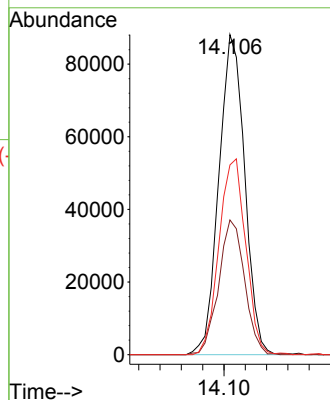
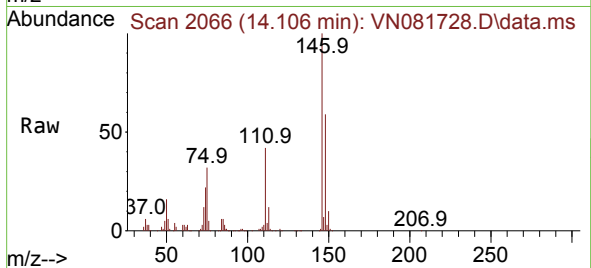
Tgt Ion:146 Resp: 148112

Ion Ratio Lower Upper

146 100

111 42.3 23.9 71.8

148 63.6 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.696 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

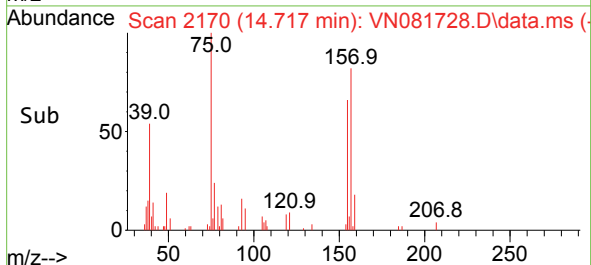
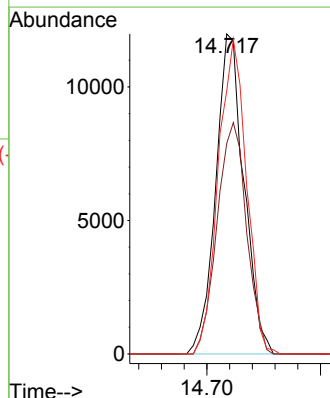
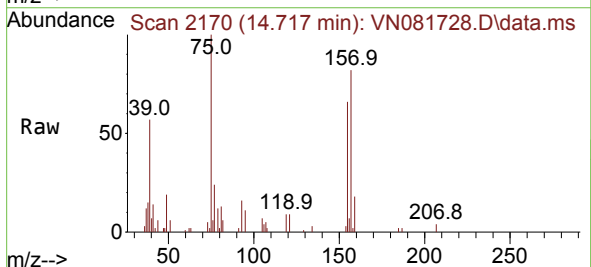
Tgt Ion: 75 Resp: 20651

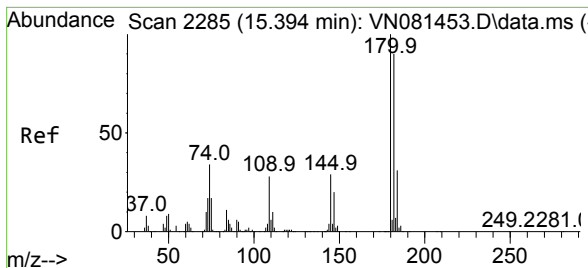
Ion Ratio Lower Upper

75 100

155 75.7 31.8 95.4

157 98.4 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 16.094 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

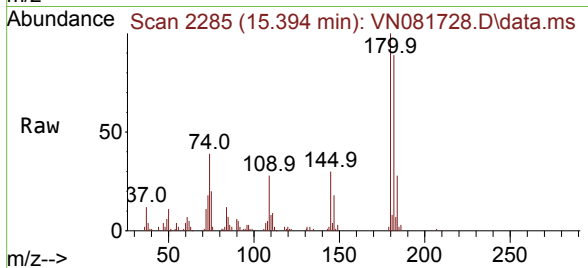
Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

Instrument :

MSVOA\_N

ClientSampleId :



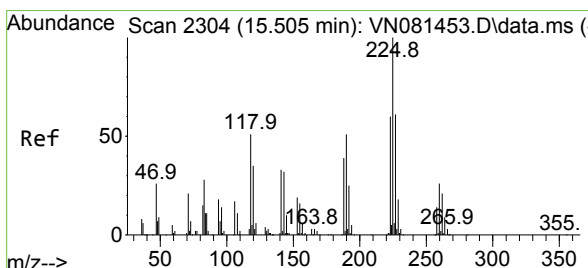
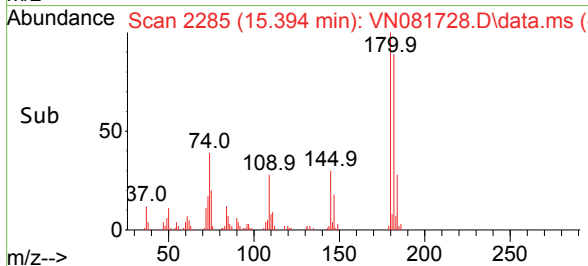
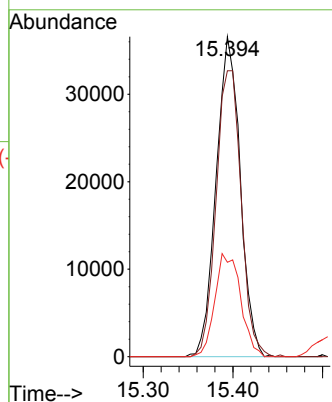
Tgt Ion:180 Resp: 68118

Ion Ratio Lower Upper

180 100

182 92.9 46.6 139.7

145 34.4 16.8 50.3



#94

Hexachlorobutadiene

Concen: 15.492 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081728.D

Acq: 12 Apr 2024 19:19

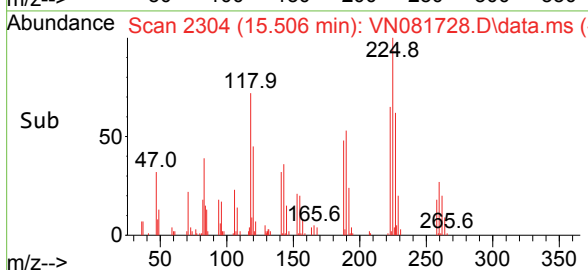
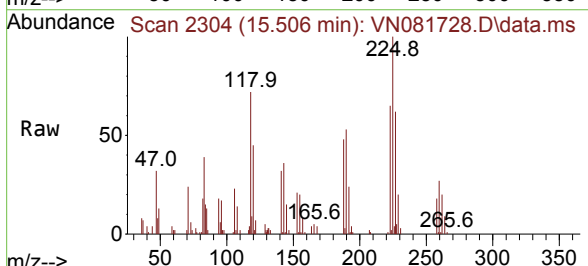
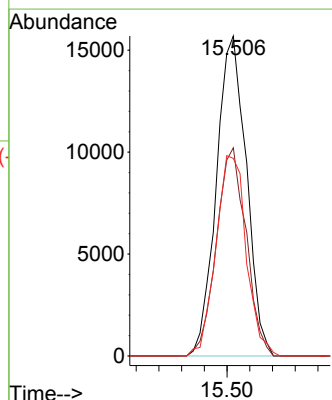
Tgt Ion:225 Resp: 28770

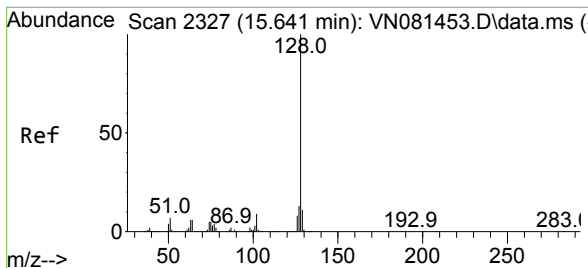
Ion Ratio Lower Upper

225 100

223 64.4 33.3 99.8

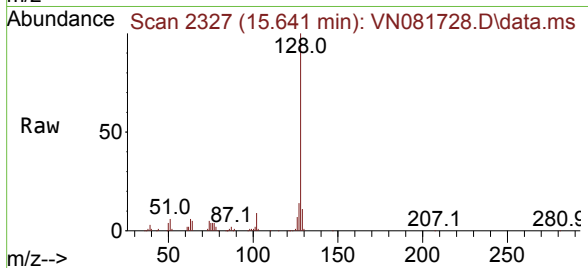
227 63.3 33.1 99.2



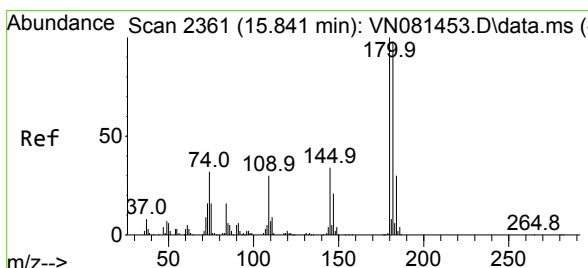
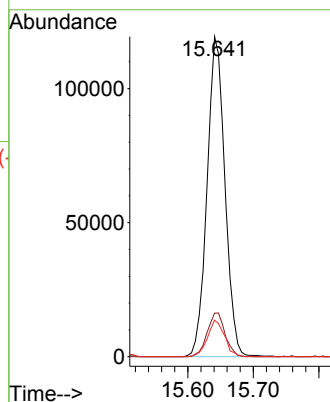
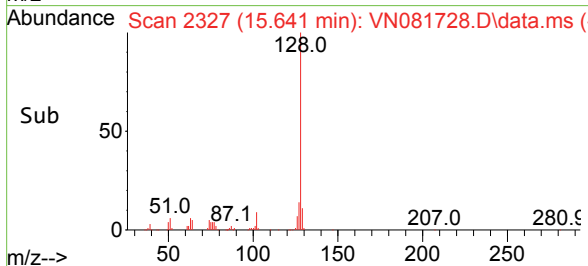


#95  
Naphthalene  
Concen: 16.506 ug/l  
RT: 15.641 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 226382  
Ion Ratio Lower Upper  
128 100  
127 13.7 10.0 15.0  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 16.893 ug/l  
RT: 15.847 min Scan# 2362  
Delta R.T. 0.006 min  
Lab File: VN081728.D  
Acq: 12 Apr 2024 19:19

Tgt Ion:180 Resp: 71921  
Ion Ratio Lower Upper  
180 100  
182 95.5 46.5 139.3  
145 34.8 17.8 53.4

