

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020824\  
 Data File : VN080951.D  
 Acq On : 08 Feb 2024 09:48  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 09 01:16:07 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020624W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 07 06:22:23 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.224  | 168   | 454848   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 808176   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 739002   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 322702   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.577  | 65    | 283543   | 49.416   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 98.840%  |
| 35) Dibromofluoromethane     | 8.165  | 113   | 244228   | 56.317   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 112.640% |
| 50) Toluene-d8               | 10.571 | 98    | 859007   | 54.762   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 109.520% |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 313741   | 55.058   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 110.120% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 218294   | 42.361   | ug/l   | 99       |
| 3) Chloromethane             | 2.359  | 50    | 249213   | 46.587   | ug/l   | 94       |
| 4) Vinyl Chloride            | 2.512  | 62    | 298149   | 44.302   | ug/l   | 92       |
| 5) Bromomethane              | 2.948  | 94    | 190644   | 44.034   | ug/l   | 99       |
| 6) Chloroethane              | 3.118  | 64    | 206492   | 43.507   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.495  | 101   | 401683   | 45.584   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.959  | 74    | 137265   | 43.600   | ug/l   | 81       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 222344   | 44.855   | ug/l   | 92       |
| 10) Methyl Iodide            | 4.583  | 142   | 212202   | 44.266   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.512  | 59    | 169214   | 214.037  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.336  | 96    | 214624   | 44.012   | ug/l   | 90       |
| 13) Acrolein                 | 4.177  | 56    | 225124   | 225.931  | ug/l   | 96       |
| 14) Allyl chloride           | 5.024  | 41    | 287875   | 44.554   | ug/l # | 86       |
| 15) Acrylonitrile            | 5.712  | 53    | 497207   | 230.080  | ug/l   | 98       |
| 16) Acetone                  | 4.418  | 43    | 401910   | 212.902  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.712  | 76    | 524211   | 42.619   | ug/l   | 99       |
| 18) Methyl Acetate           | 5.024  | 43    | 260407   | 46.457   | ug/l   | 92       |
| 19) Methyl tert-butyl Ether  | 5.794  | 73    | 745427   | 45.891   | ug/l   | 95       |
| 20) Methylene Chloride       | 5.277  | 84    | 250052   | 43.720   | ug/l # | 88       |
| 21) trans-1,2-Dichloroethene | 5.783  | 96    | 242424   | 44.286   | ug/l   | 94       |
| 22) Diisopropyl ether        | 6.665  | 45    | 717984   | 47.941   | ug/l # | 90       |
| 23) Vinyl Acetate            | 6.600  | 43    | 2635646  | 267.072  | ug/l # | 89       |
| 24) 1,1-Dichloroethane       | 6.571  | 63    | 445300   | 45.656   | ug/l   | 97       |
| 25) 2-Butanone               | 7.483  | 43    | 678181   | 223.821  | ug/l # | 88       |
| 26) 2,2-Dichloropropane      | 7.488  | 77    | 417619   | 46.824   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.488  | 96    | 299729   | 47.122   | ug/l   | 86       |
| 28) Bromochloromethane       | 7.812  | 49    | 186943   | 46.062   | ug/l # | 53       |
| 29) Tetrahydrofuran          | 7.841  | 42    | 408349   | 220.428  | ug/l # | 79       |
| 30) Chloroform               | 7.965  | 83    | 503061   | 46.671   | ug/l   | 98       |
| 31) Cyclohexane              | 8.259  | 56    | 320047   | 40.811   | ug/l # | 75       |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 442595   | 47.388   | ug/l   | 93       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 350496   | 54.328   | ug/l   | 95       |
| 37) Ethyl Acetate            | 7.559  | 43    | 252537   | 51.732   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.359  | 117   | 374178   | 56.578   | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.600  | 83    | 325625   | 45.286   | ug/l # | 84       |
| 40) Benzene                  | 8.606  | 78    | 1059884  | 53.971   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020824\  
 Data File : VN080951.D  
 Acq On : 08 Feb 2024 09:48  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 09 01:16:07 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020624W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 07 06:22:23 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 153718   | 52.839  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 364627   | 53.327  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 481810   | 53.673  | ug/l # | 92       |
| 44) Trichloroethene           | 9.353  | 130  | 280298   | 46.991  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 258232   | 48.736  | ug/l   | 98       |
| 46) Dibromomethane            | 9.706  | 93   | 188293   | 48.058  | ug/l # | 89       |
| 47) Bromodichloromethane      | 9.888  | 83   | 388520   | 50.696  | ug/l # | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 219236   | 43.348  | ug/l # | 85       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 79355    | 849.772 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1388336  | 256.636 | ug/l   | 91       |
| 52) Toluene                   | 10.629 | 92   | 687183   | 52.242  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 413302   | 55.734  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 439847   | 52.841  | ug/l   | 89       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 269195   | 52.949  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 371485   | 61.081  | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 448070   | 54.322  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 904696   | 245.022 | ug/l # | 83       |
| 59) 2-Hexanone                | 11.194 | 43   | 1083151  | 264.170 | ug/l   | 89       |
| 60) Dibromochloromethane      | 11.359 | 129  | 293099   | 56.421  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 272264   | 53.686  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 235025   | 42.134  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.894 | 112  | 724354   | 46.769  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 272307   | 48.723  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 1268173  | 47.534  | ug/l   | 95       |
| 68) m/p-Xylenes               | 12.070 | 106  | 981793   | 96.862  | ug/l   | 94       |
| 69) o-Xylene                  | 12.400 | 106  | 482342   | 49.042  | ug/l   | 94       |
| 70) Styrene                   | 12.412 | 104  | 819099   | 55.490  | ug/l   | 96       |
| 71) Bromoform                 | 12.582 | 173  | 189956   | 50.746  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.694 | 105  | 1178479  | 46.957  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 421688   | 46.613  | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 350014   | 44.832  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 452351   | 68.749  | ug/l   | 67       |
| 77) Bromobenzene              | 12.982 | 156  | 293627   | 46.368  | ug/l   | 72       |
| 78) n-propylbenzene           | 13.035 | 91   | 1366162  | 48.214  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 835418   | 46.654  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 968471   | 47.476  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 127789   | 52.766  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 858009   | 48.025  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 830766   | 47.777  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 994864   | 48.966  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 1134549  | 48.556  | ug/l   | 94       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 949026   | 48.061  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 529194   | 46.925  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 534360   | 46.691  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.059 | 91   | 824403   | 47.263  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.335 | 117  | 153698   | 49.363  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 516621   | 47.815  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 64895    | 44.438  | ug/l   | 70       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 252420   | 47.229  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 108931   | 47.011  | ug/l   | 93       |
| 95) Naphthalene               | 15.641 | 128  | 850466   | 48.194  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 244074   | 46.394  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020824\  
Data File : VN080951.D  
Acq On : 08 Feb 2024 09:48  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Feb 09 01:16:07 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020624W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 07 06:22:23 2024  
Response via : Initial Calibration

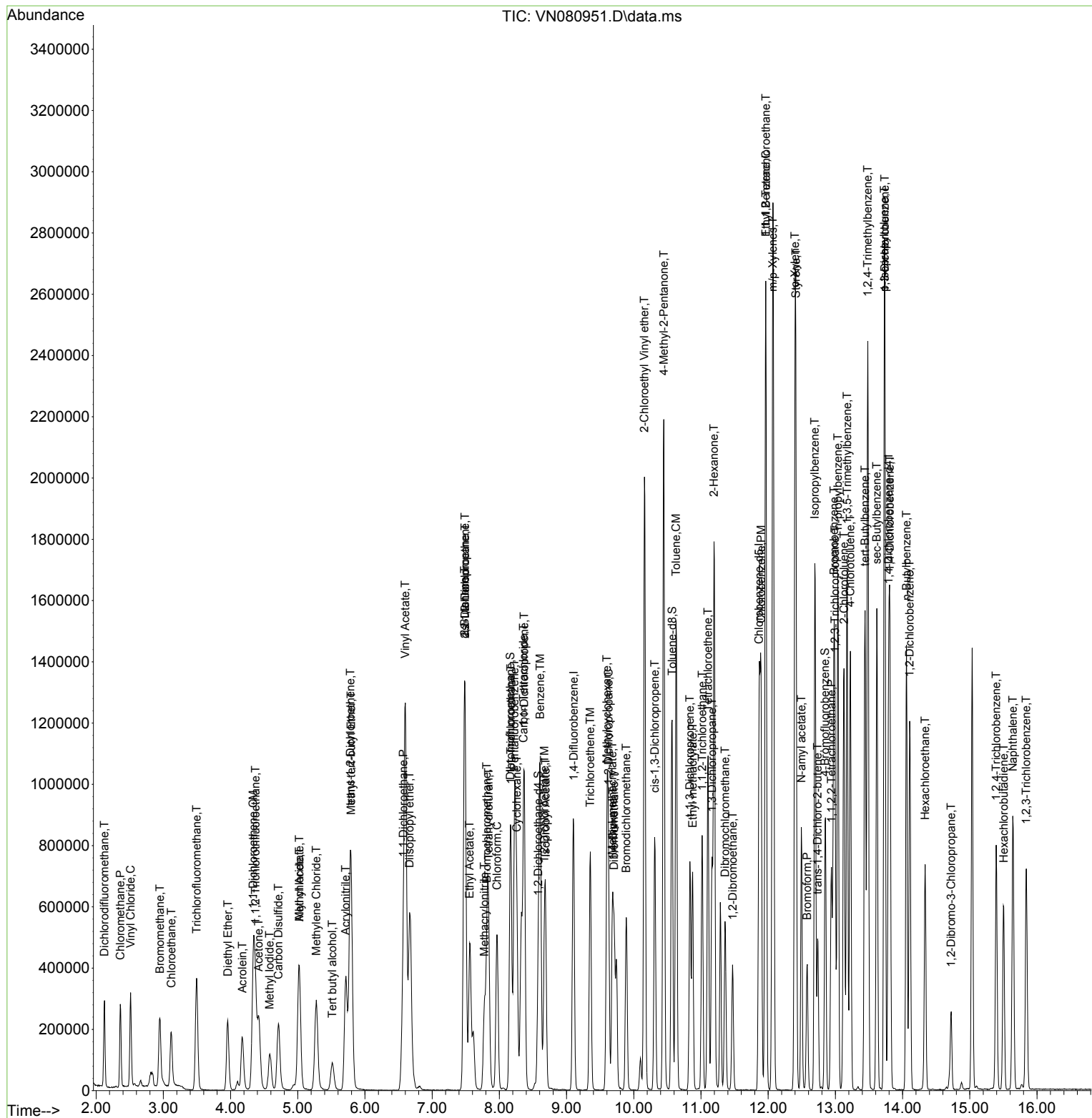
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

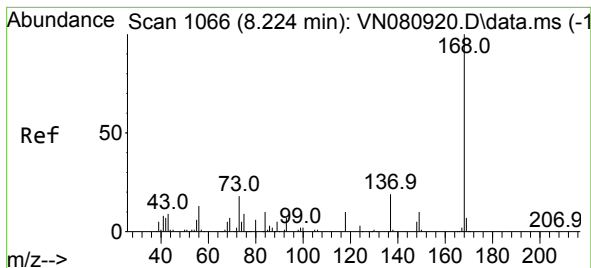
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020824\  
 Data File : VN080951.D  
 Acq On : 08 Feb 2024 09:48  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 09 01:16:07 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020624W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 07 06:22:23 2024  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

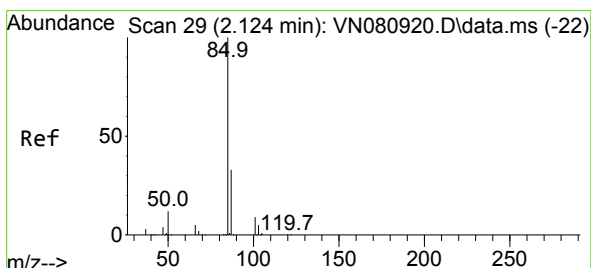
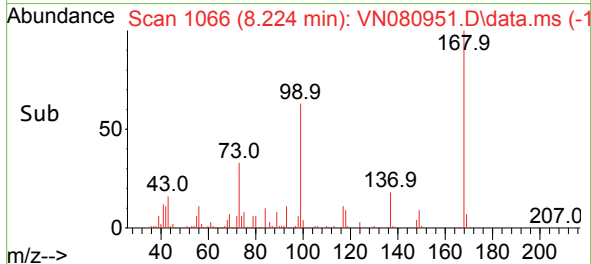
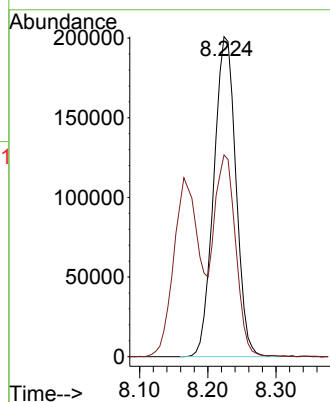
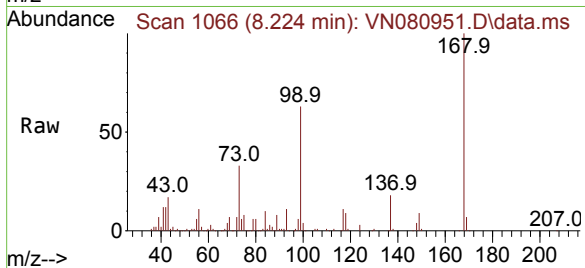
ClientSampleId :

Tgt Ion:168 Resp: 454848

Ion Ratio Lower Upper

168 100

99 62.9 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 42.361 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN080951.D

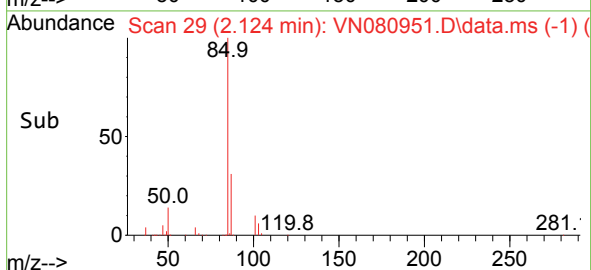
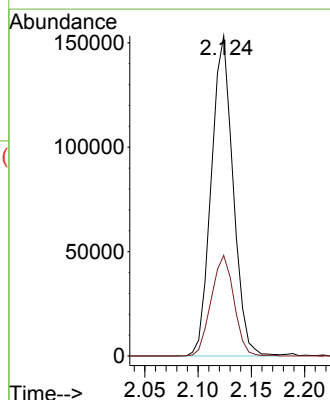
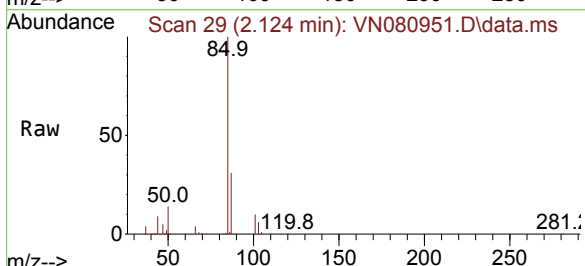
Acq: 08 Feb 2024 09:48

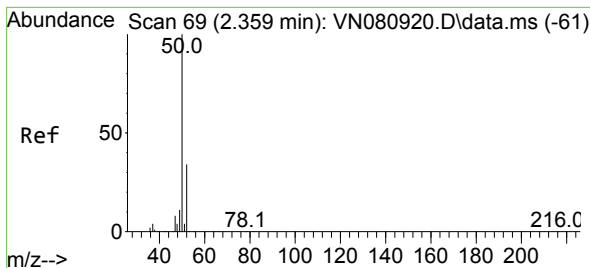
Tgt Ion: 85 Resp: 218294

Ion Ratio Lower Upper

85 100

87 31.4 15.3 45.9





#3

Chloromethane

Concen: 46.587 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

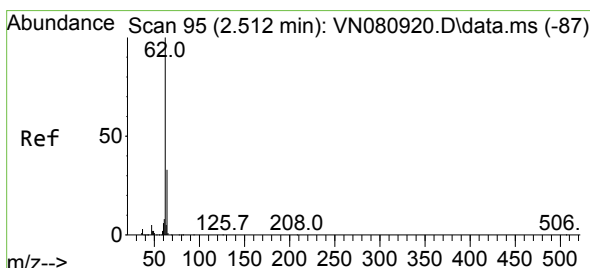
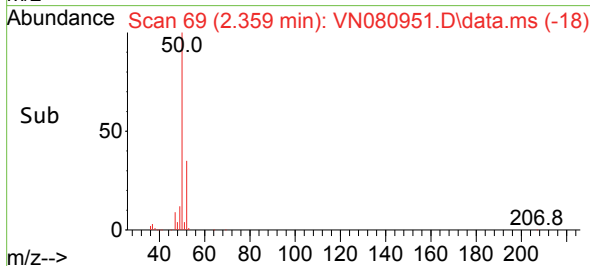
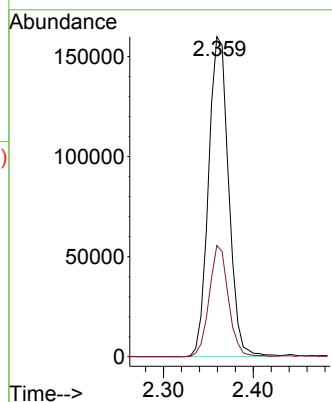
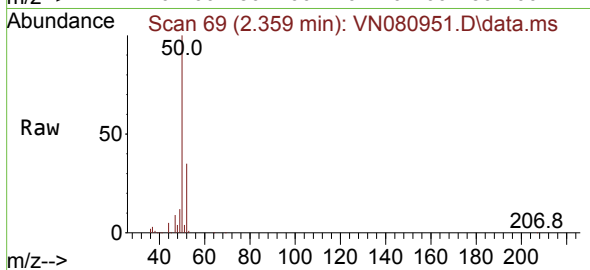
ClientSampleId :

Tgt Ion: 50 Resp: 249213

Ion Ratio Lower Upper

50 100

52 34.8 25.0 37.4



#4

Vinyl Chloride

Concen: 44.302 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN080951.D

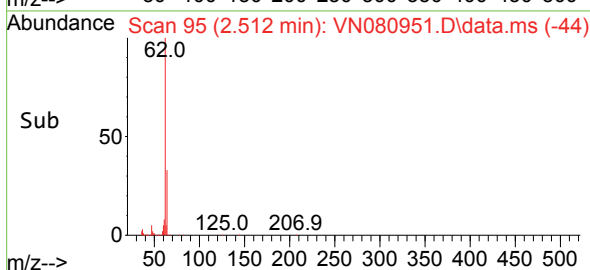
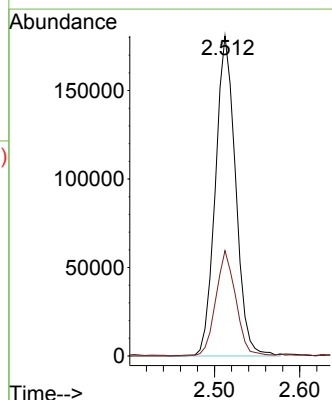
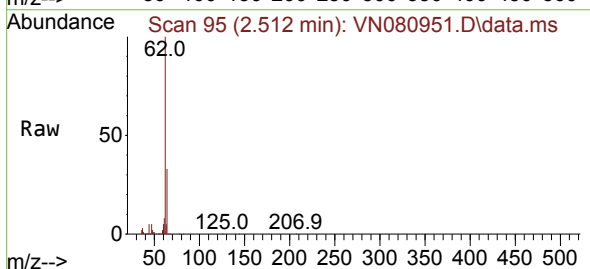
Acq: 08 Feb 2024 09:48

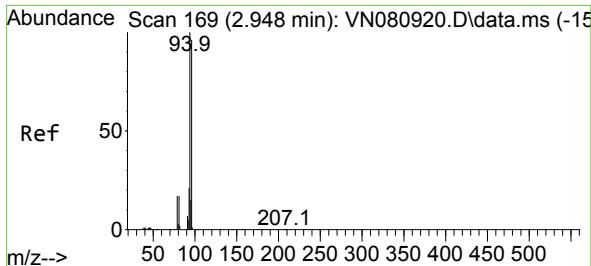
Tgt Ion: 62 Resp: 298149

Ion Ratio Lower Upper

62 100

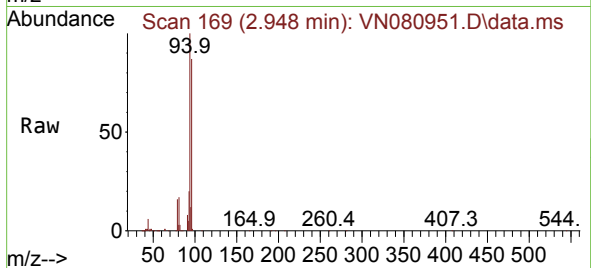
64 32.7 22.7 34.1



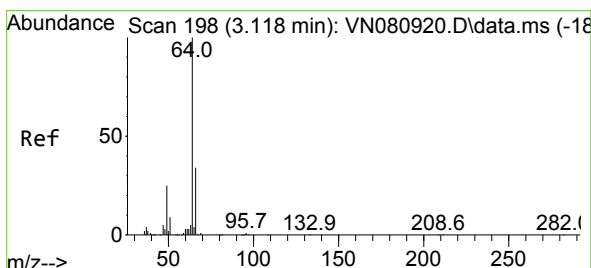
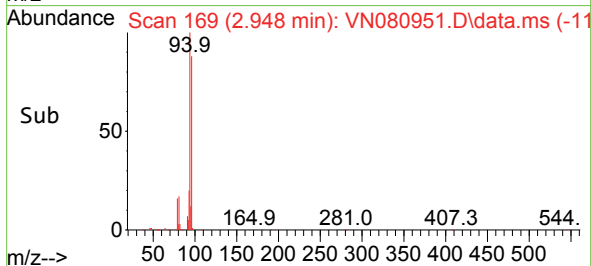
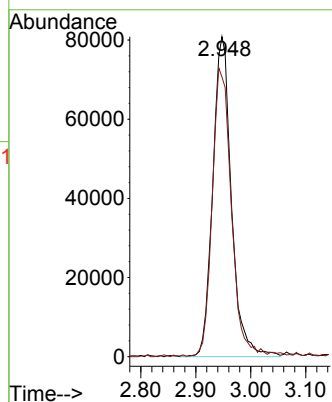


#5  
Bromomethane  
Concen: 44.034 ug/l  
RT: 2.948 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Instrument :  
MSVOA\_N  
ClientSampleId :

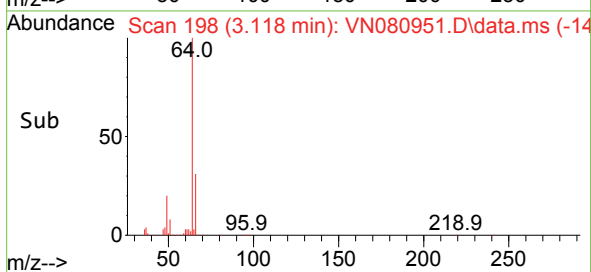
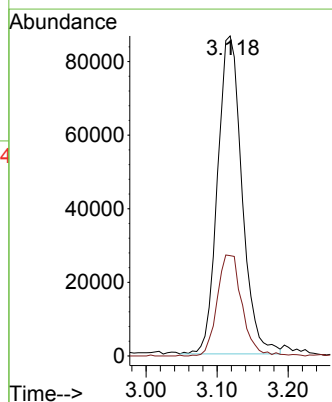
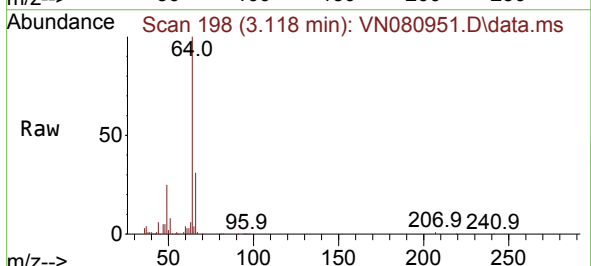


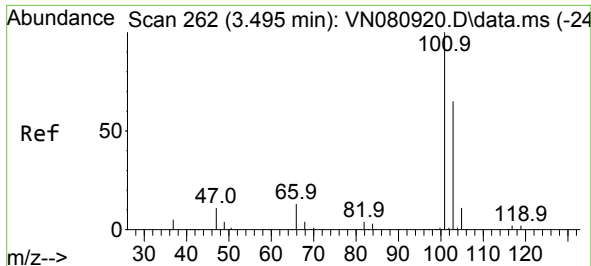
Tgt Ion: 94 Resp: 190644  
Ion Ratio Lower Upper  
94 100  
96 87.1 69.2 103.8



#6  
Chloroethane  
Concen: 43.507 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

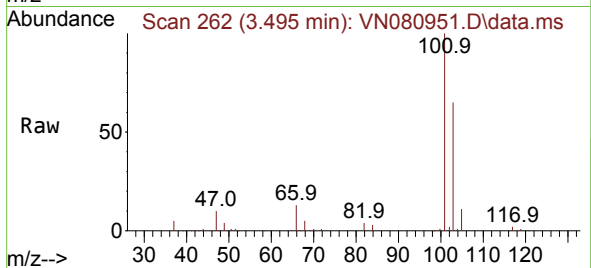
Tgt Ion: 64 Resp: 206492  
Ion Ratio Lower Upper  
64 100  
66 31.3 26.4 39.6



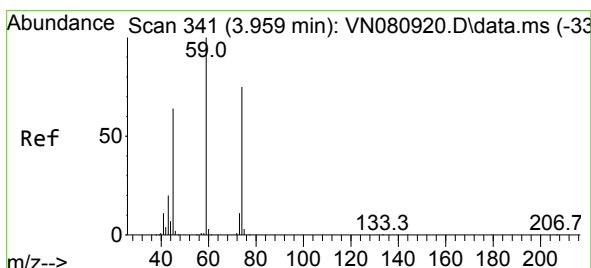
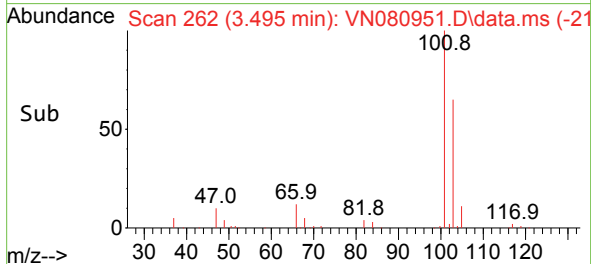
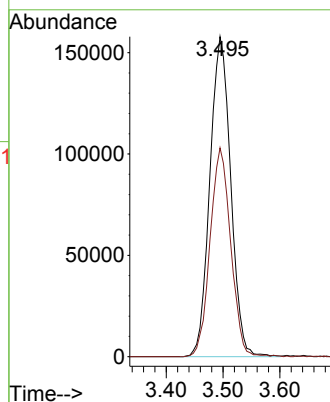


#7  
 Trichlorofluoromethane  
 Concen: 45.584 ug/l  
 RT: 3.495 min Scan# 262  
 Delta R.T. -0.000 min  
 Lab File: VN080951.D  
 Acq: 08 Feb 2024 09:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :

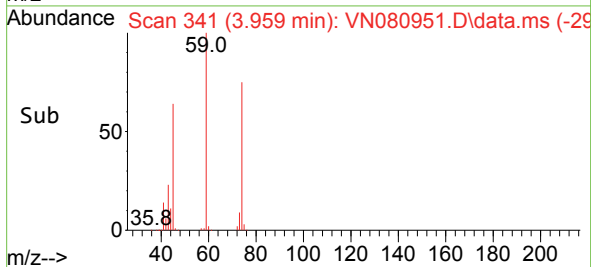
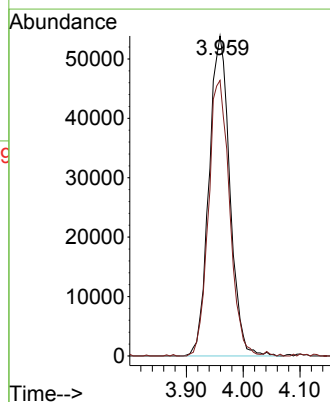
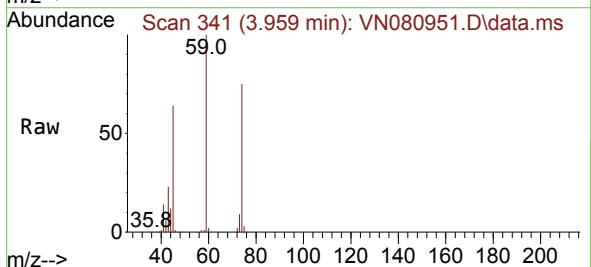


Tgt Ion:101 Resp: 401683  
 Ion Ratio Lower Upper  
 101 100  
 103 65.3 54.4 81.6

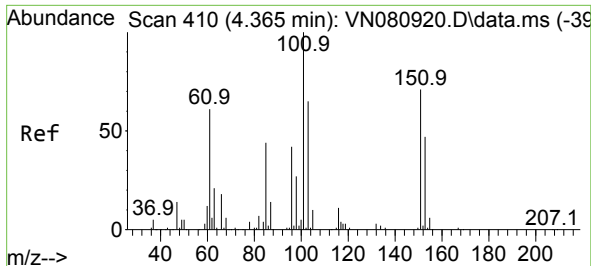


#8  
 Diethyl Ether  
 Concen: 43.600 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.000 min  
 Lab File: VN080951.D  
 Acq: 08 Feb 2024 09:48

Tgt Ion: 74 Resp: 137265  
 Ion Ratio Lower Upper  
 74 100  
 45 86.9 53.3 159.9



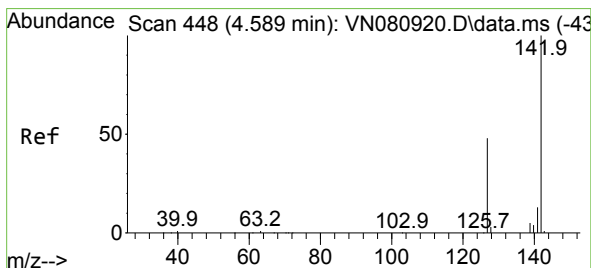
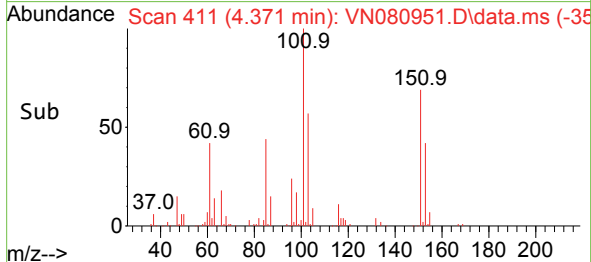
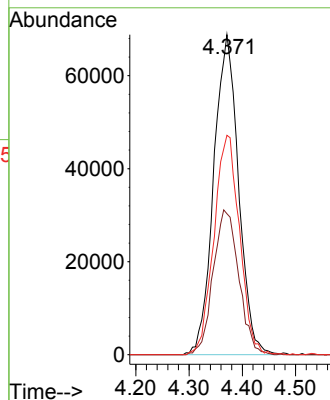
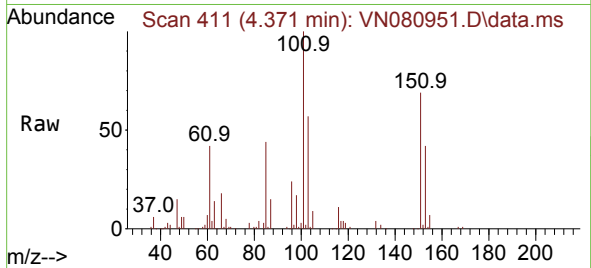




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.855 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

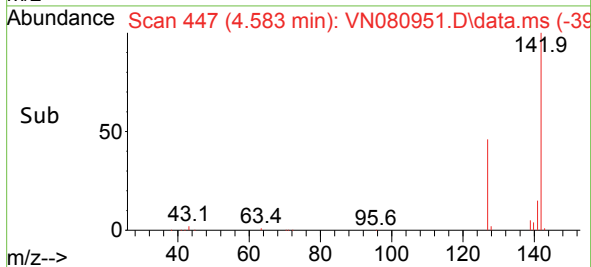
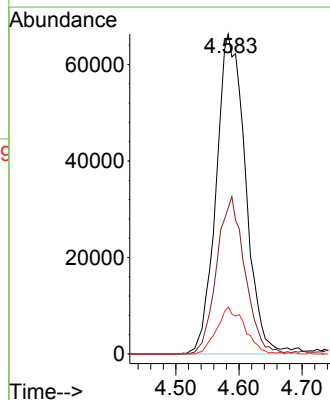
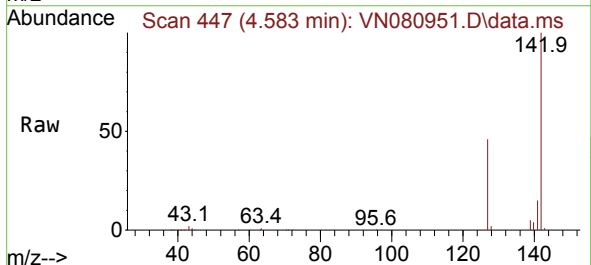
Instrument :  
MSVOA\_N  
ClientSampleId :

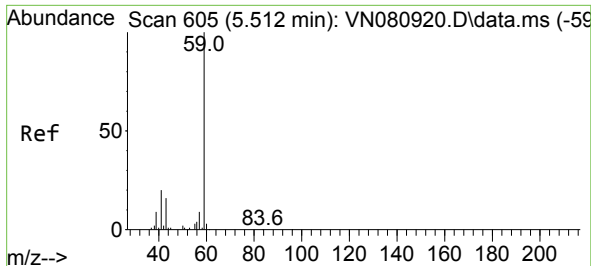
Tgt Ion:101 Resp: 222344  
Ion Ratio Lower Upper  
101 100  
85 46.7 38.1 57.1  
151 70.9 49.1 73.7



#10  
Methyl Iodide  
Concen: 44.266 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion:142 Resp: 212202  
Ion Ratio Lower Upper  
142 100  
127 45.7 37.0 55.4  
141 14.7 12.5 18.7

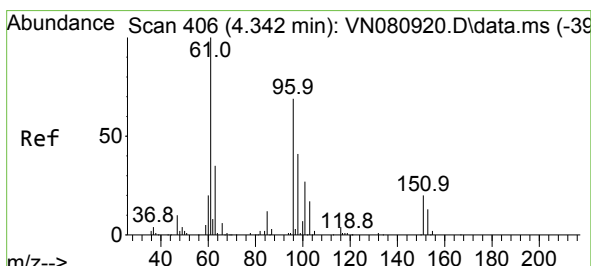
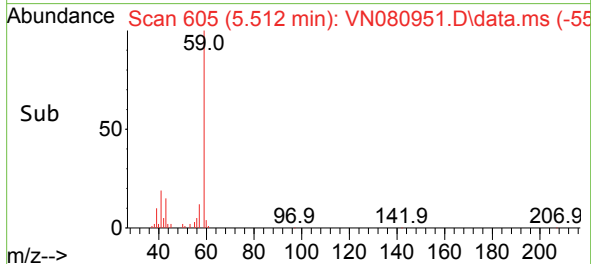
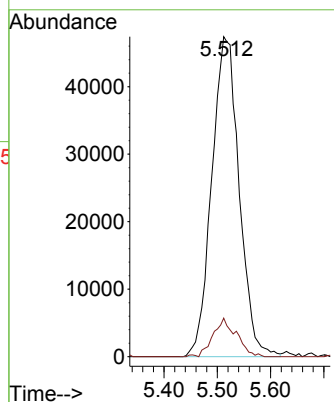
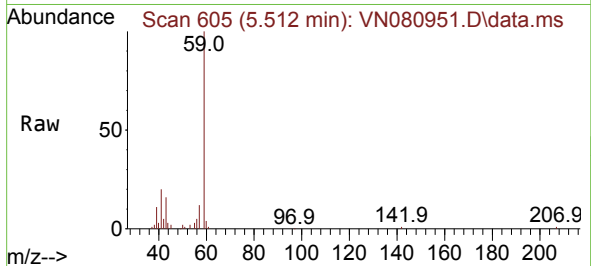




#11  
Tert butyl alcohol  
Concen: 214.037 ug/l  
RT: 5.512 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

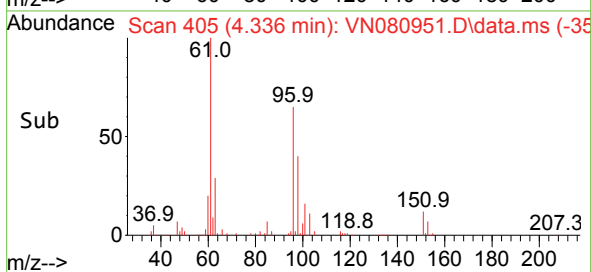
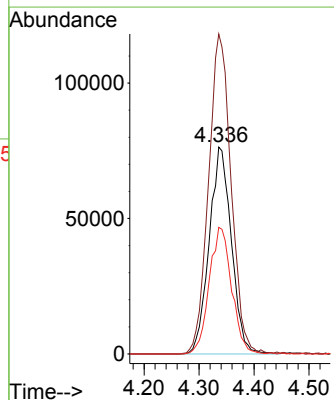
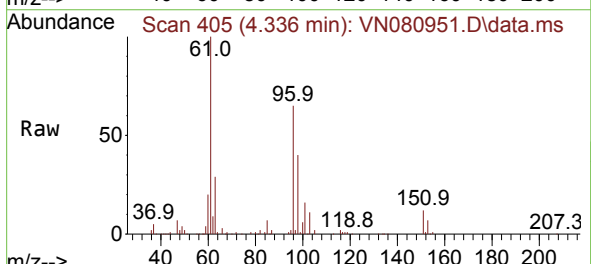
Instrument :  
MSVOA\_N  
ClientSampleId :

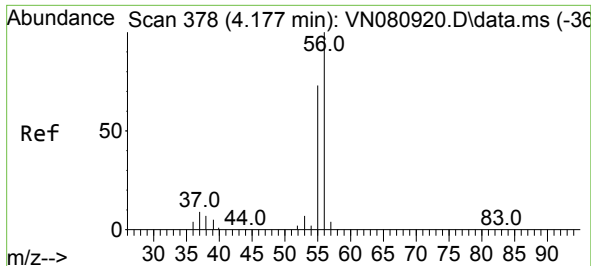
Tgt Ion: 59 Resp: 169214  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 44.012 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 96 Resp: 214624  
Ion Ratio Lower Upper  
96 100  
61 154.7 138.2 207.4  
98 61.2 49.2 73.8





#13

Acrolein

Concen: 225.931 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

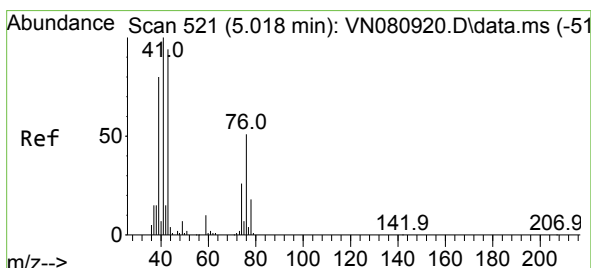
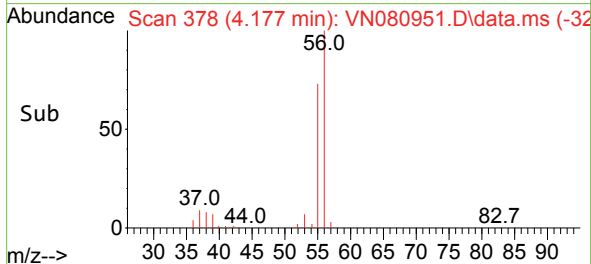
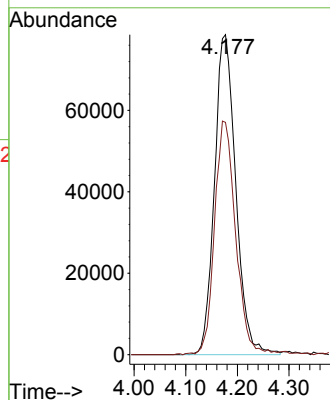
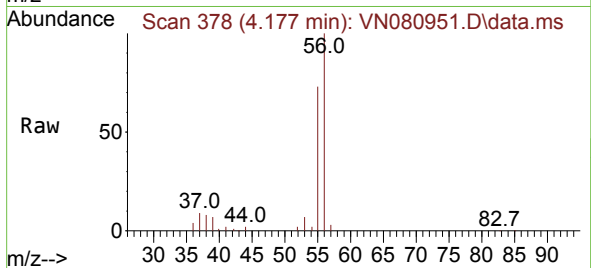
ClientSampleId :

Tgt Ion: 56 Resp: 225124

Ion Ratio Lower Upper

56 100

55 72.4 55.3 82.9



#14

Allyl chloride

Concen: 44.554 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

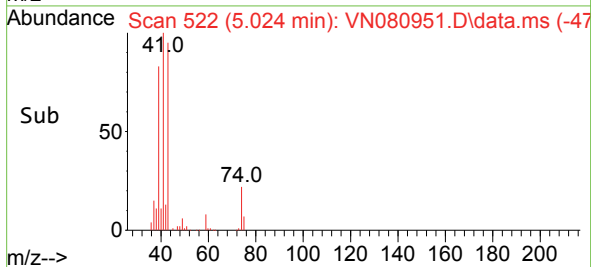
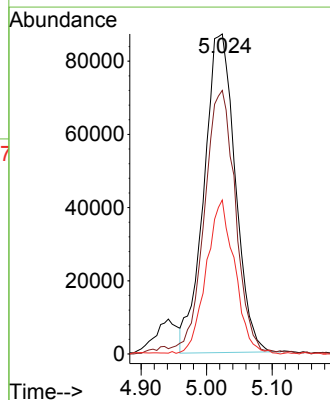
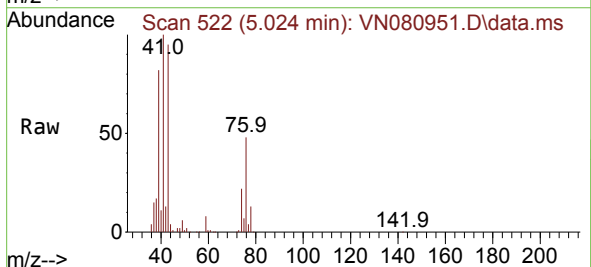
Tgt Ion: 41 Resp: 287875

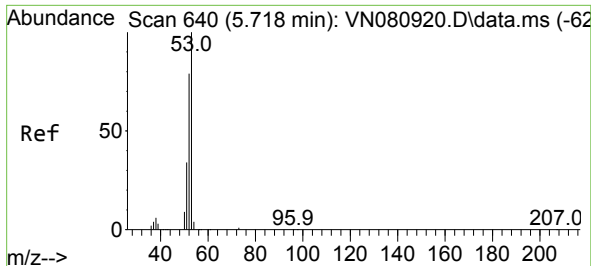
Ion Ratio Lower Upper

41 100

39 82.4 57.7 86.5

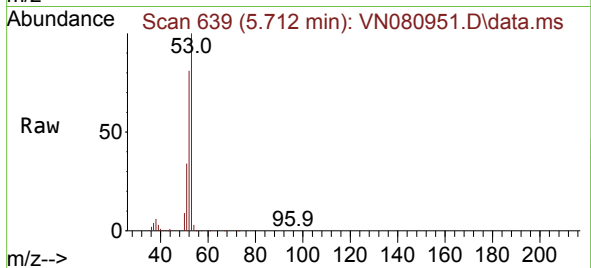
76 44.3 26.8 40.2#



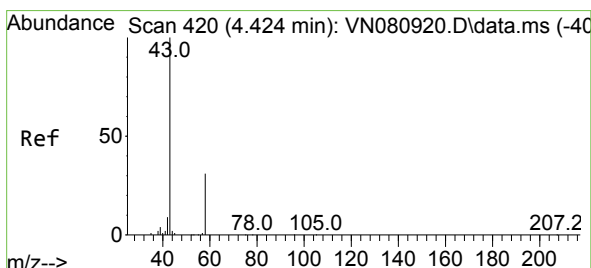
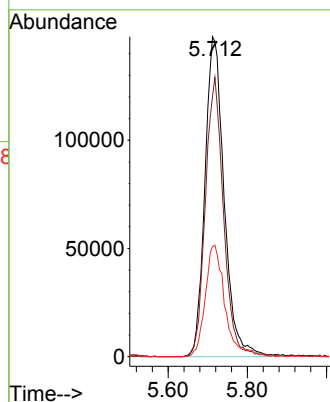
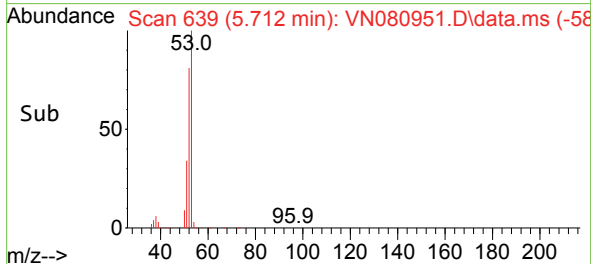


#15  
Acrylonitrile  
Concen: 230.080 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

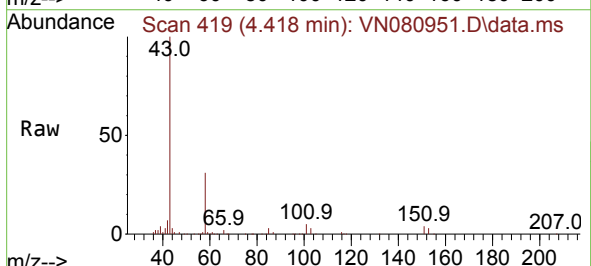
Instrument :  
MSVOA\_N  
ClientSampleId :



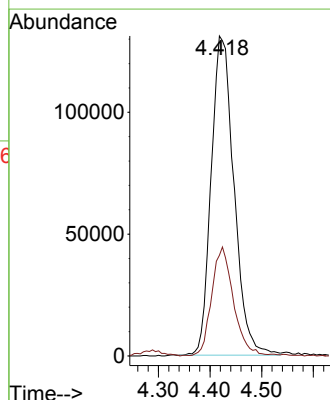
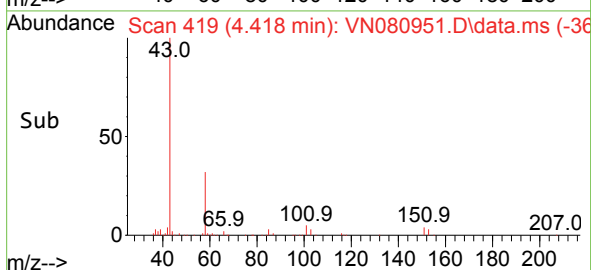
Tgt Ion: 53 Resp: 497207  
Ion Ratio Lower Upper  
53 100  
52 82.7 64.8 97.2  
51 35.7 26.9 40.3

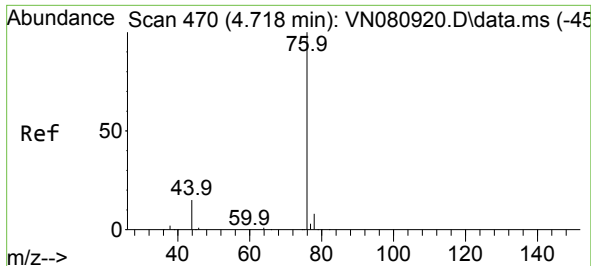


#16  
Acetone  
Concen: 212.902 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48



Tgt Ion: 43 Resp: 401910  
Ion Ratio Lower Upper  
43 100  
58 31.5 24.8 37.2

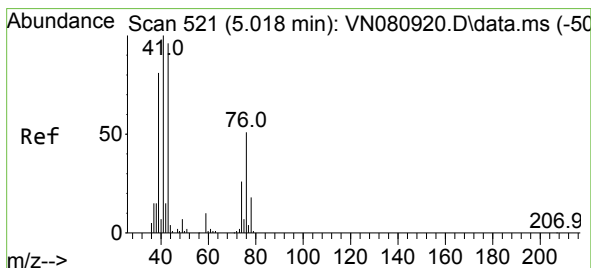
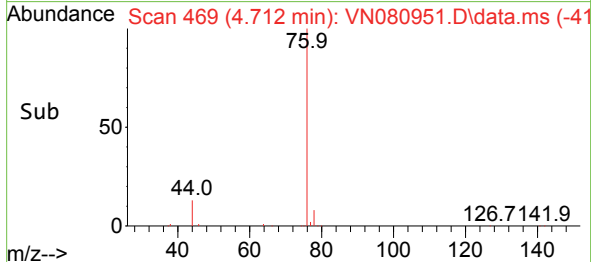
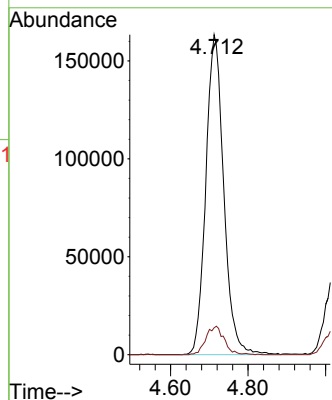
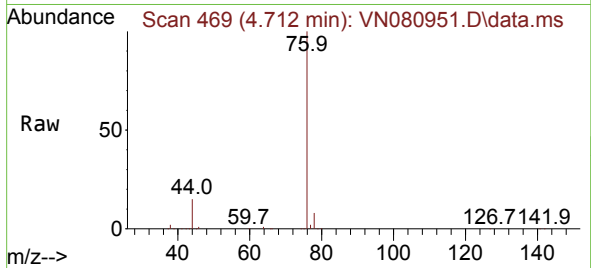




#17  
Carbon Disulfide  
Concen: 42.619 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

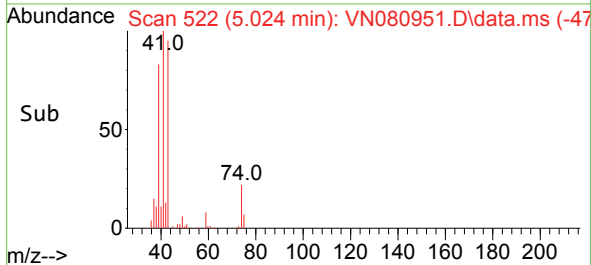
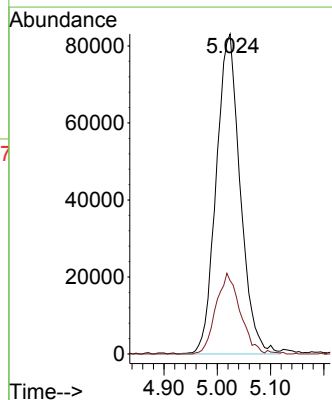
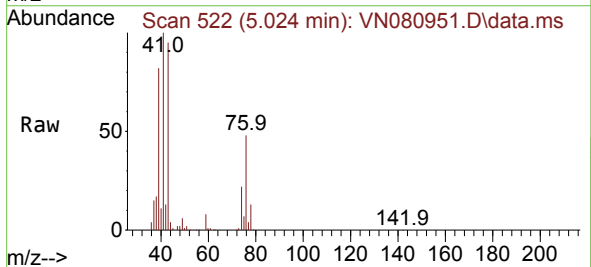
Instrument :  
MSVOA\_N  
ClientSampleId :

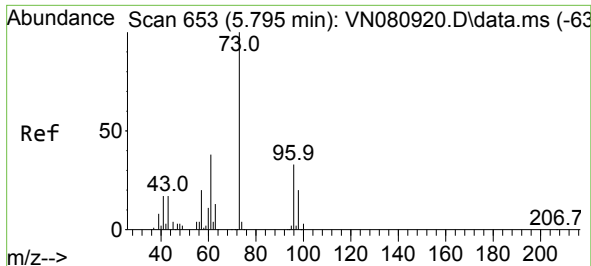
Tgt Ion: 76 Resp: 524211  
Ion Ratio Lower Upper  
76 100  
78 8.4 6.3 9.5



#18  
Methyl Acetate  
Concen: 46.457 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

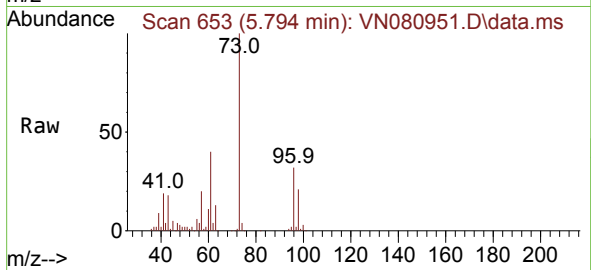
Tgt Ion: 43 Resp: 260407  
Ion Ratio Lower Upper  
43 100  
74 25.4 17.3 25.9



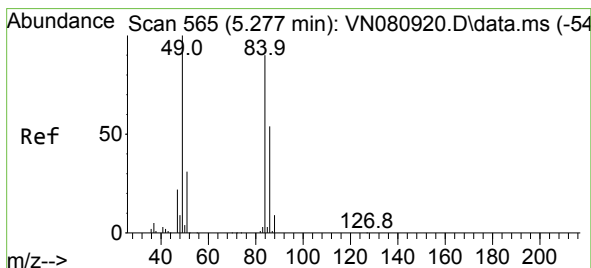
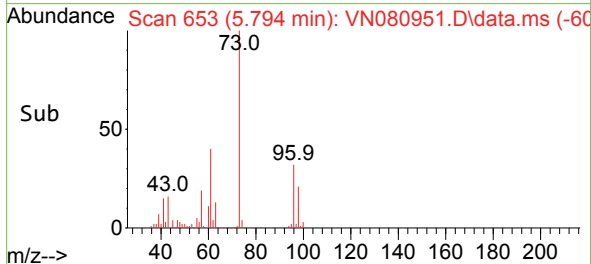
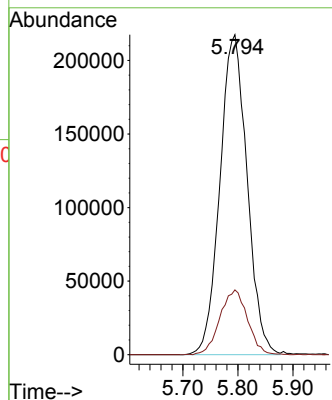


#19  
Methyl tert-butyl Ether  
Concen: 45.891 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Instrument :  
MSVOA\_N  
ClientSampleId :

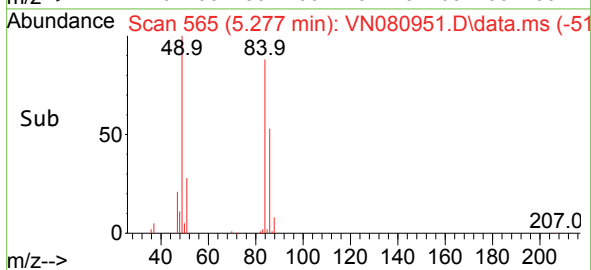
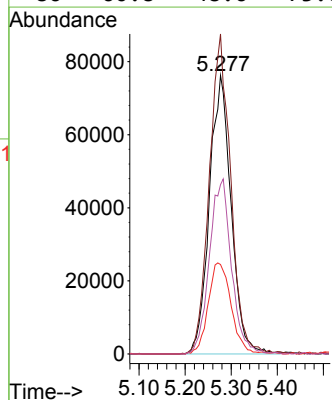
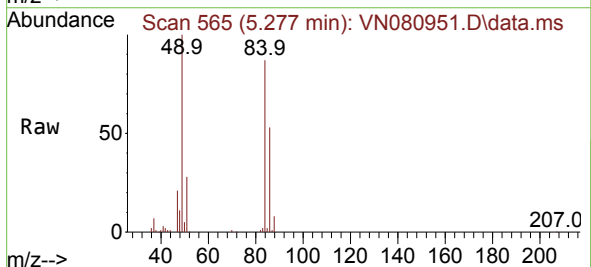


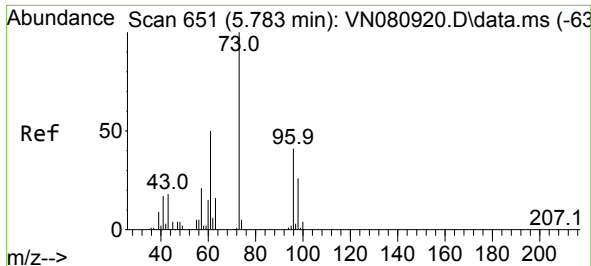
Tgt Ion: 73 Resp: 745427  
Ion Ratio Lower Upper  
73 100  
57 20.3 18.2 27.4



#20  
Methylene Chloride  
Concen: 43.720 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

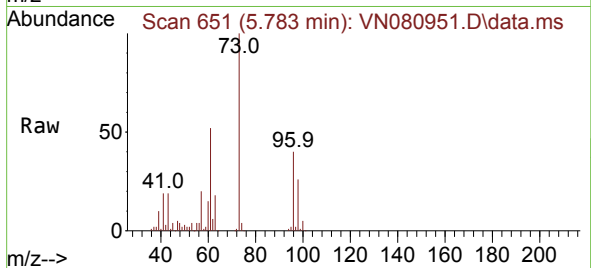
Tgt Ion: 84 Resp: 250052  
Ion Ratio Lower Upper  
84 100  
49 114.9 108.1 162.1  
51 32.1 32.9 49.3#  
86 60.8 48.6 73.0



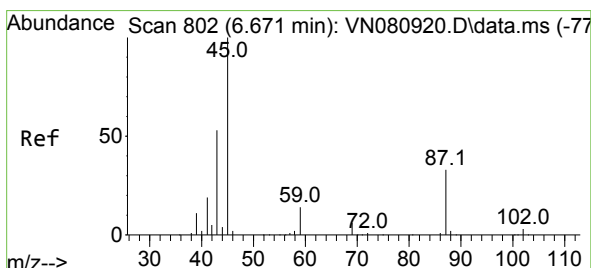
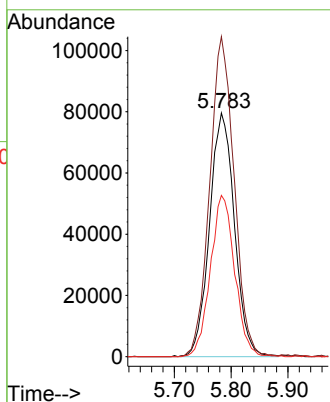
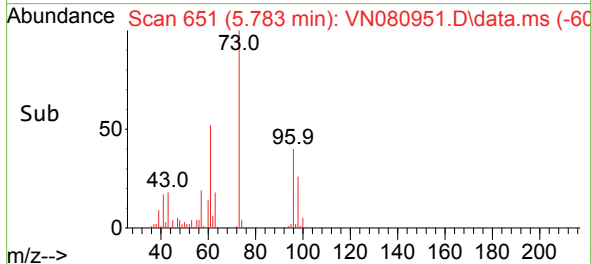


#21  
trans-1,2-Dichloroethene  
Concen: 44.286 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Instrument :  
MSVOA\_N  
ClientSampleId :

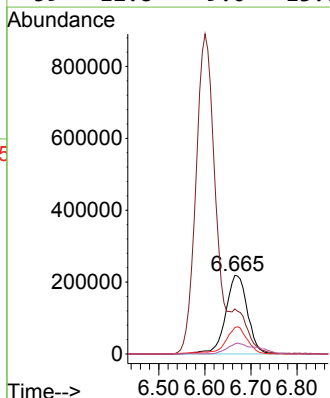
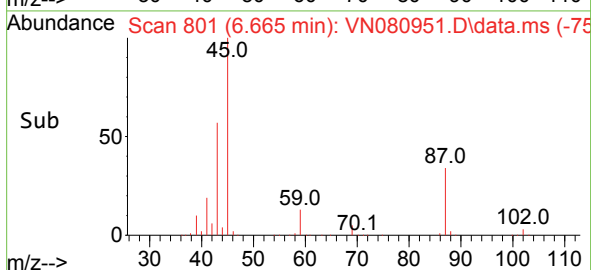
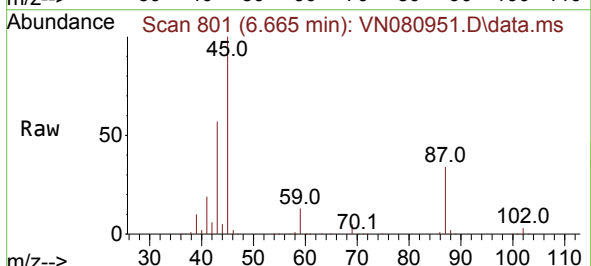


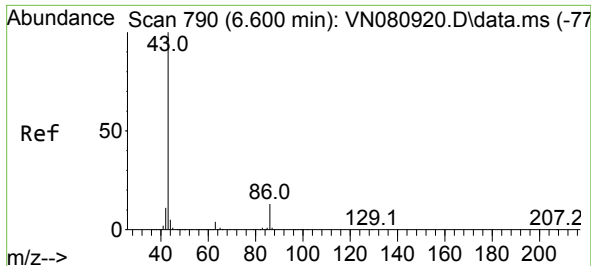
Tgt Ion: 96 Resp: 242424  
Ion Ratio Lower Upper  
96 100  
61 131.3 112.8 169.2  
98 66.2 51.0 76.4



#22  
Diisopropyl ether  
Concen: 47.941 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

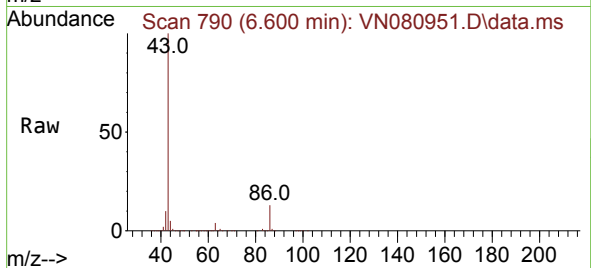
Tgt Ion: 45 Resp: 717984  
Ion Ratio Lower Upper  
45 100  
43 56.4 41.8 62.8  
87 33.5 18.1 27.1#  
59 12.8 9.0 13.6



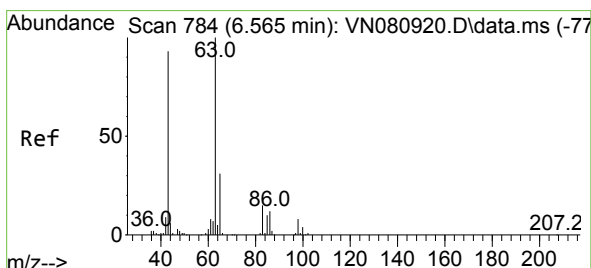
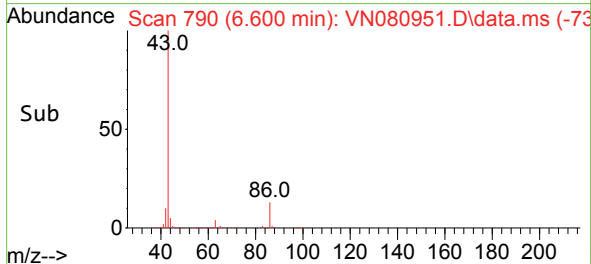
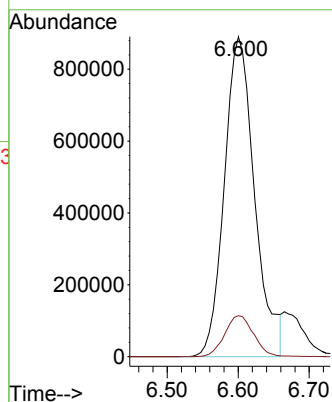


#23  
 Vinyl Acetate  
 Concen: 267.072 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN080951.D  
 Acq: 08 Feb 2024 09:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :

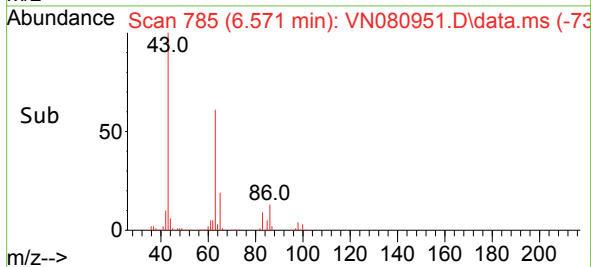
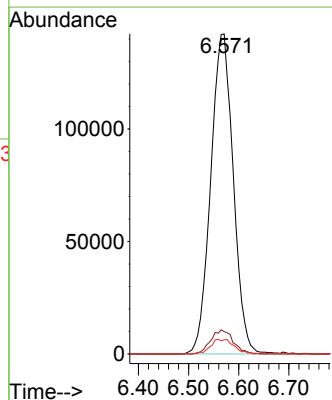
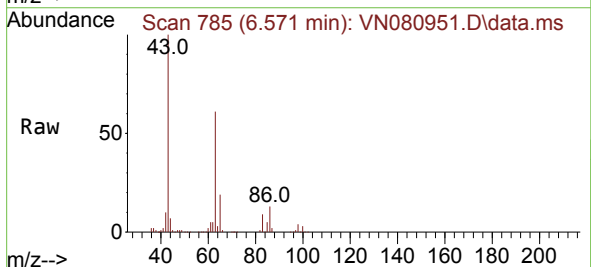


Tgt Ion: 43 Resp: 2635646  
 Ion Ratio Lower Upper  
 43 100  
 86 12.8 7.1 10.7#

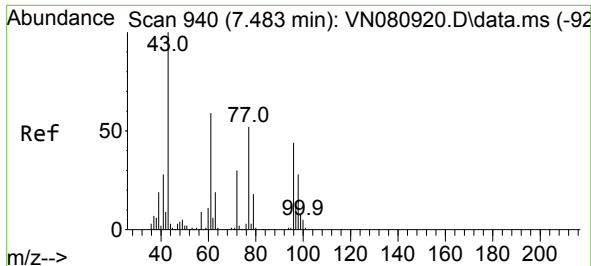


#24  
 1,1-Dichloroethane  
 Concen: 45.656 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN080951.D  
 Acq: 08 Feb 2024 09:48

Tgt Ion: 63 Resp: 445300  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 2.9 8.6  
 100 4.5 1.9 5.7



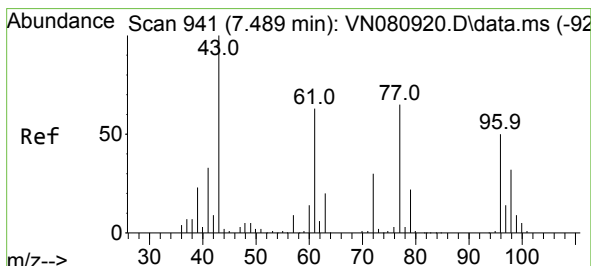
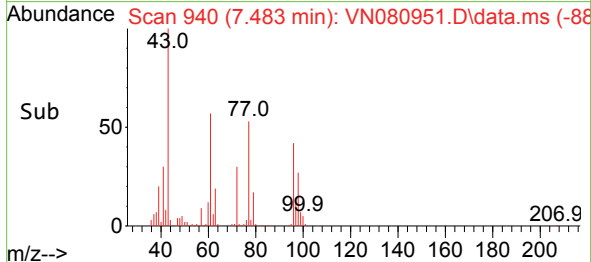
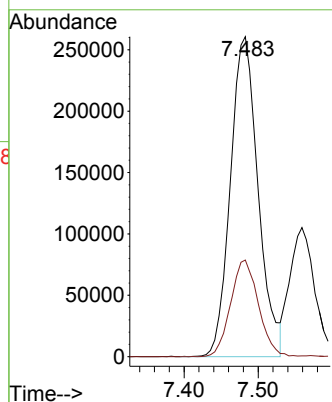
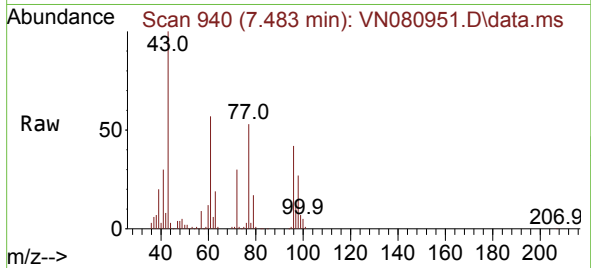




#25  
2-Butanone  
Concen: 223.821 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

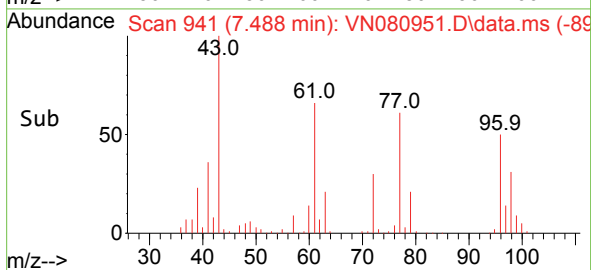
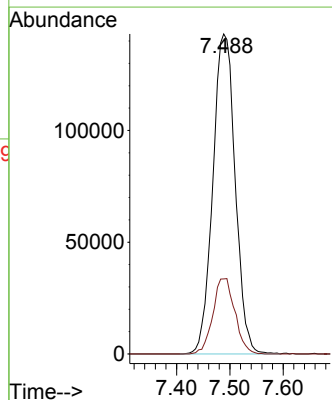
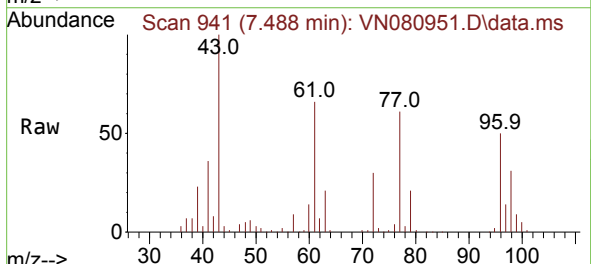
Instrument :  
MSVOA\_N  
ClientSampleId :

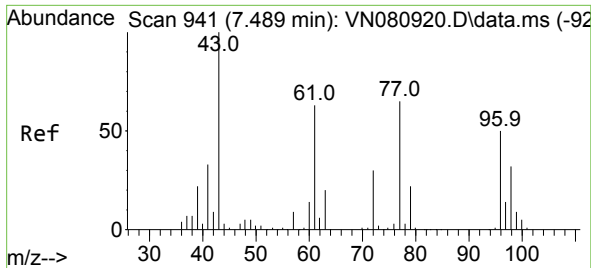
Tgt Ion: 43 Resp: 678181  
Ion Ratio Lower Upper  
43 100  
72 30.2 19.5 29.3#



#26  
2,2-Dichloropropane  
Concen: 46.824 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

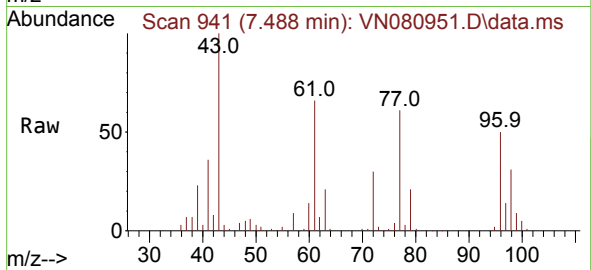
Tgt Ion: 77 Resp: 417619  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.5 34.5





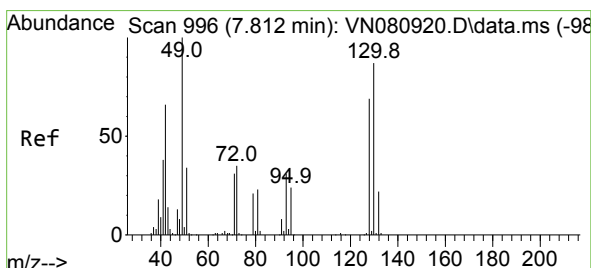
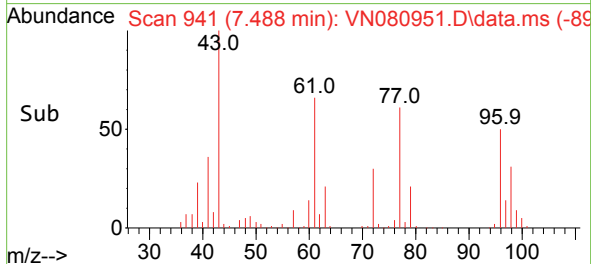
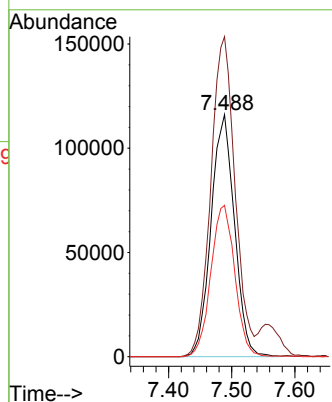
#27  
 cis-1,2-Dichloroethene  
 Concen: 47.122 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. -0.000 min  
 Lab File: VN080951.D  
 Acq: 08 Feb 2024 09:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 96 Resp: 299729

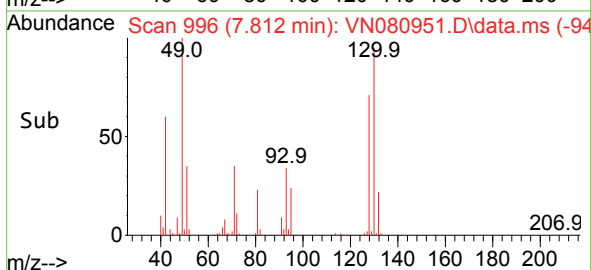
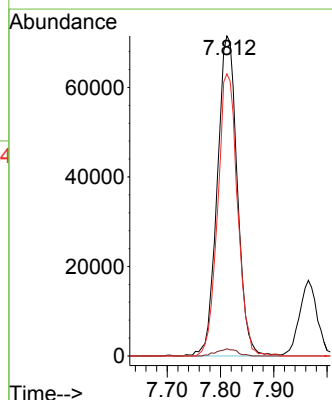
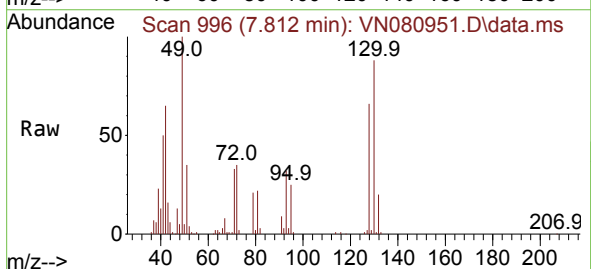
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 136.7 | 0.0   | 325.4 |
| 98  | 63.9  | 0.0   | 130.4 |

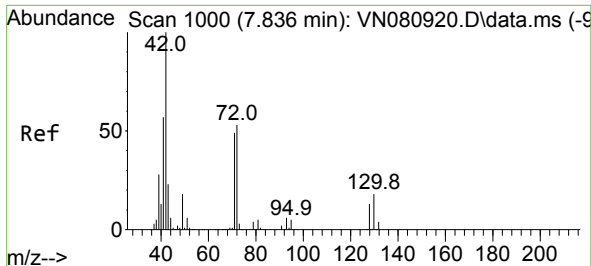


#28  
 Bromochloromethane  
 Concen: 46.062 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.000 min  
 Lab File: VN080951.D  
 Acq: 08 Feb 2024 09:48

Tgt Ion: 49 Resp: 186943

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.3   | 0.0   | 1.6#  |
| 130 | 87.0  | 42.3  | 63.5# |





#29

Tetrahydrofuran

Concen: 220.428 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

ClientSampleId :

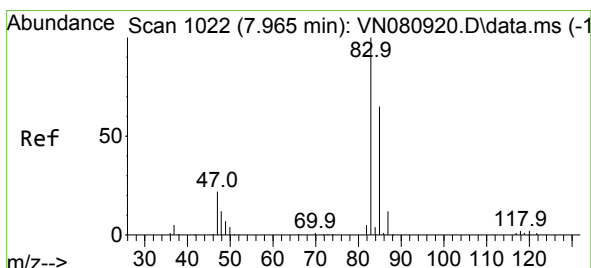
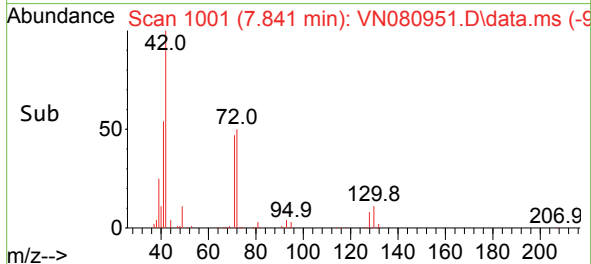
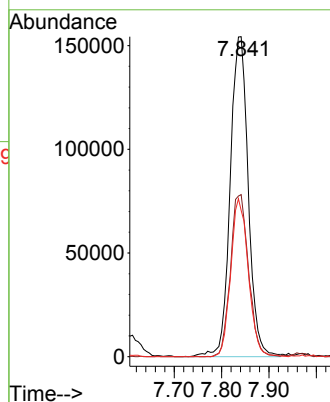
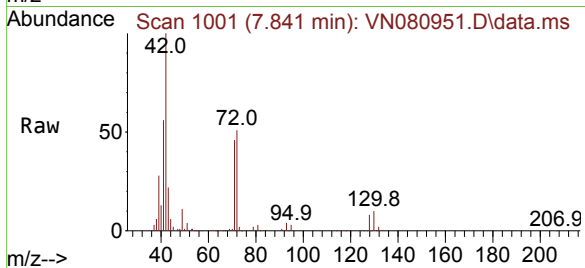
Tgt Ion: 42 Resp: 408349

Ion Ratio Lower Upper

42 100

72 51.0 31.1 46.7#

71 48.0 28.3 42.5#



#30

Chloroform

Concen: 46.671 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN080951.D

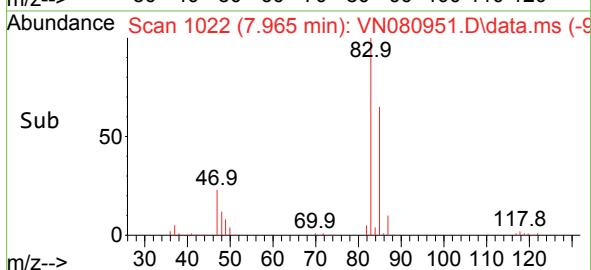
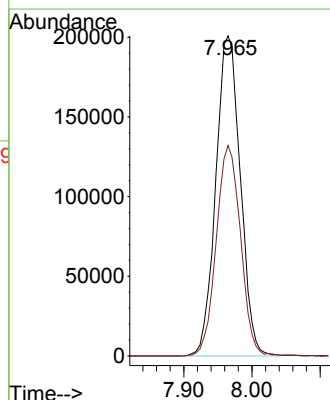
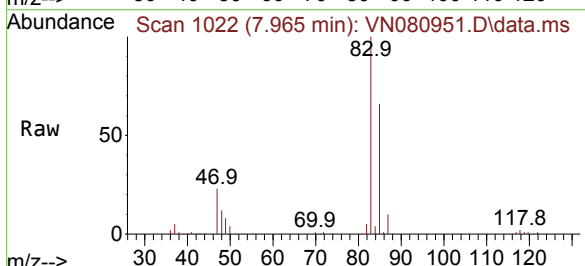
Acq: 08 Feb 2024 09:48

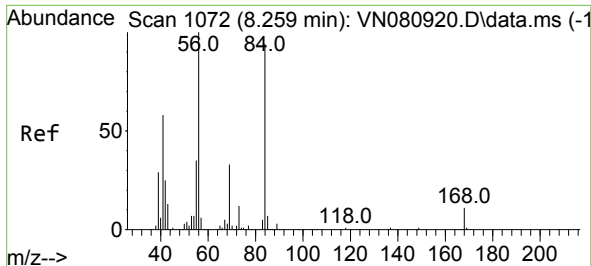
Tgt Ion: 83 Resp: 503061

Ion Ratio Lower Upper

83 100

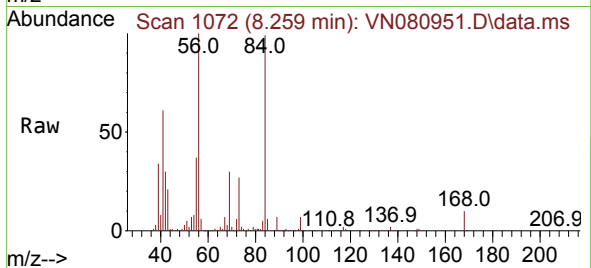
85 65.7 51.0 76.6



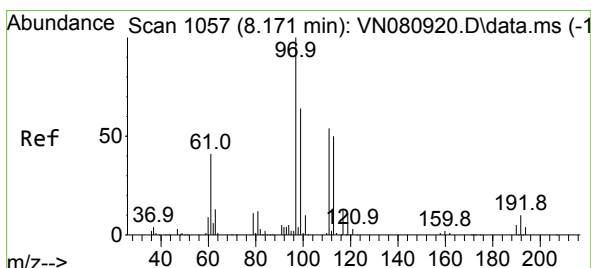
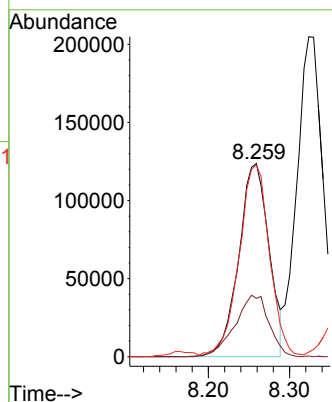
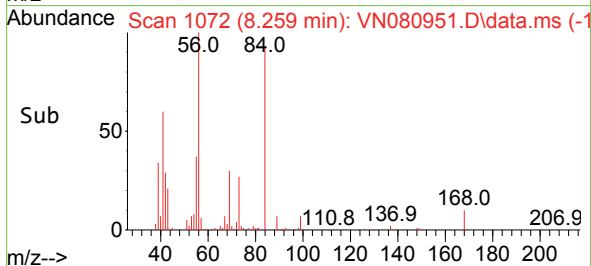


#31  
Cyclohexane  
Concen: 40.811 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Instrument :  
MSVOA\_N  
ClientSampleId :

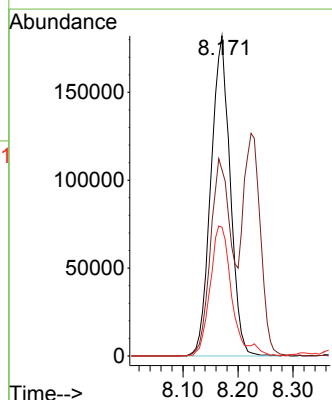
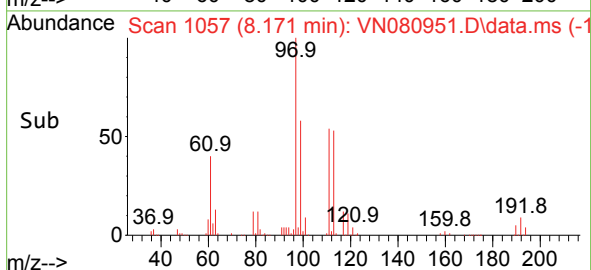
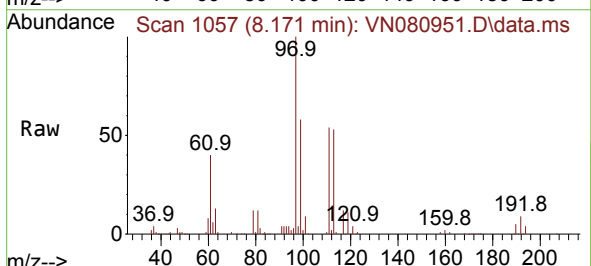


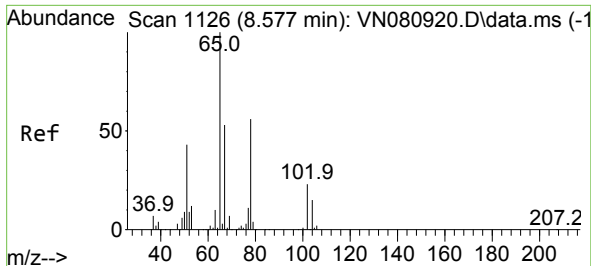
Tgt Ion: 56 Resp: 320047  
Ion Ratio Lower Upper  
56 100  
69 30.2 20.1 30.1#  
84 96.5 56.9 85.3#



#32  
1,1,1-Trichloroethane  
Concen: 47.388 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 97 Resp: 442595  
Ion Ratio Lower Upper  
97 100  
99 67.4 53.4 80.0  
61 44.2 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 49.416 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

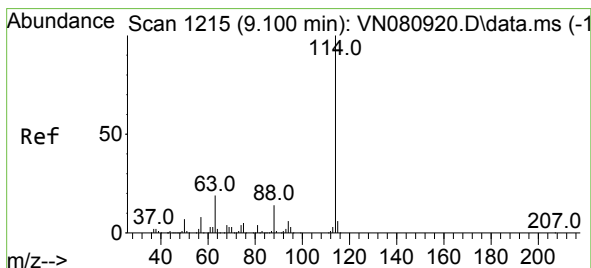
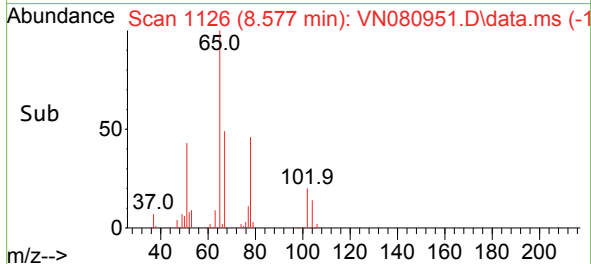
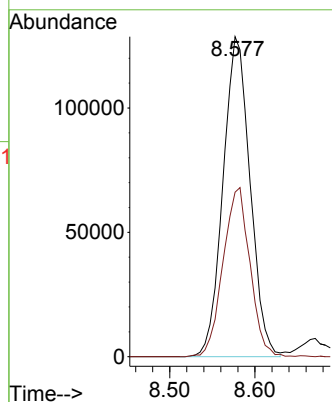
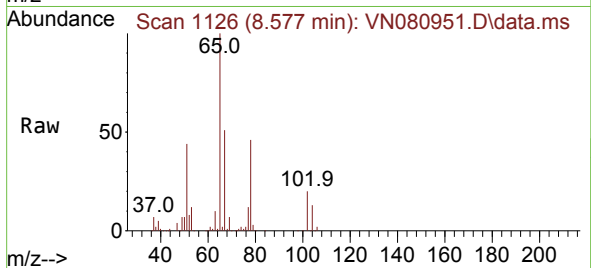
ClientSampleId :

Tgt Ion: 65 Resp: 283543

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

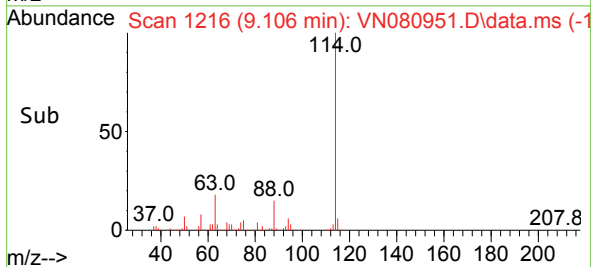
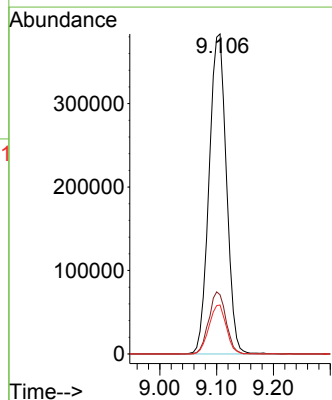
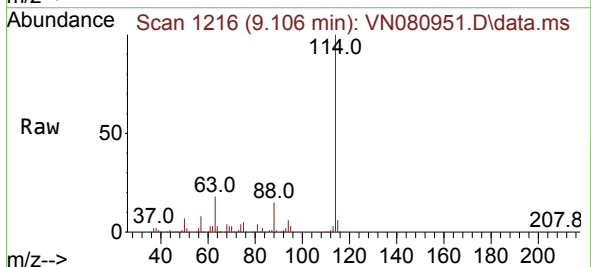
Tgt Ion: 114 Resp: 808176

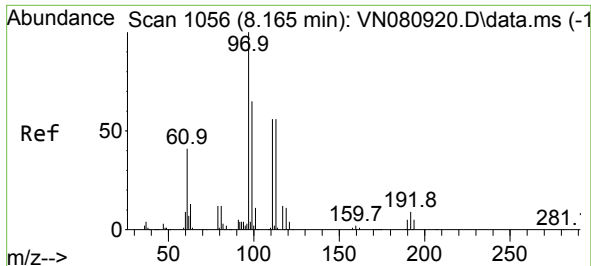
Ion Ratio Lower Upper

114 100

63 18.5 0.0 48.0

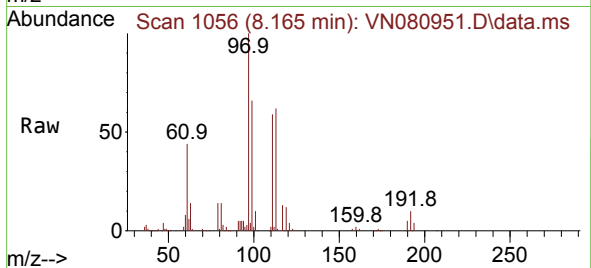
88 15.3 0.0 34.8



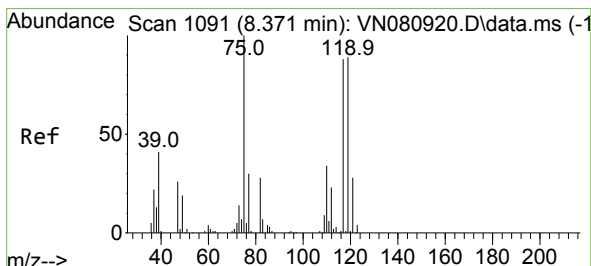
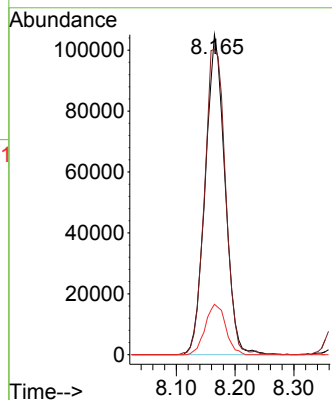
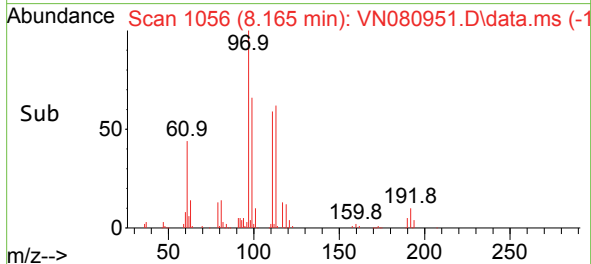


#35  
Dibromofluoromethane  
Concen: 56.317 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Instrument :  
MSVOA\_N  
ClientSampleId :

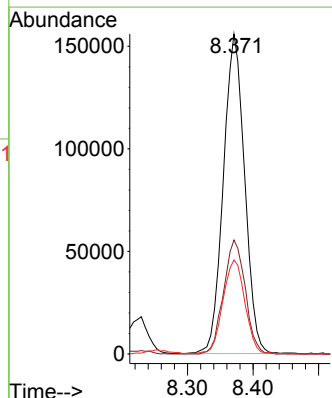
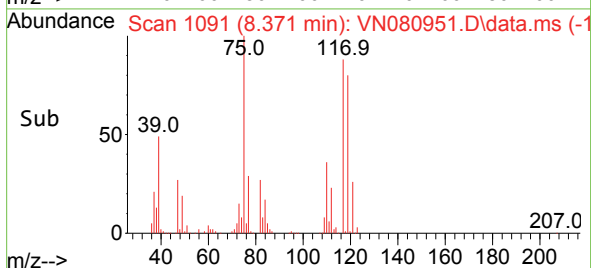
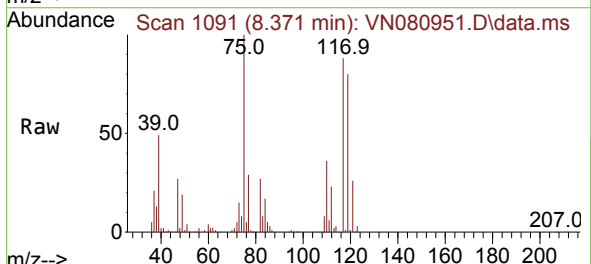


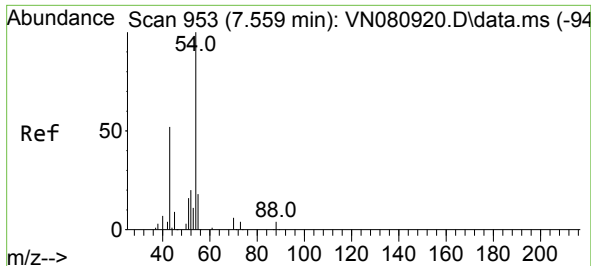
Tgt Ion:113 Resp: 244228  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.2 123.4  
192 16.3 12.5 18.7



#36  
1,1-Dichloropropene  
Concen: 54.328 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

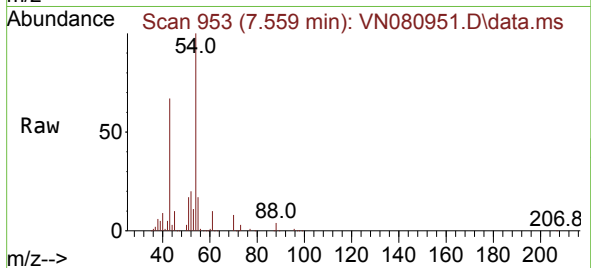
Tgt Ion: 75 Resp: 350496  
Ion Ratio Lower Upper  
75 100  
110 36.3 16.0 48.0  
77 30.5 25.8 38.6



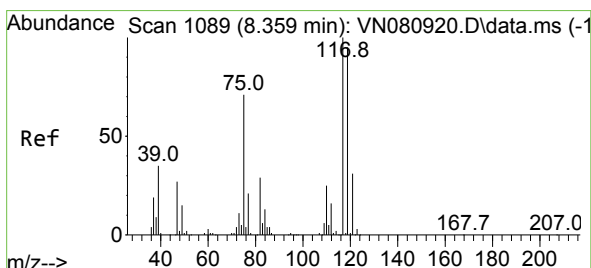
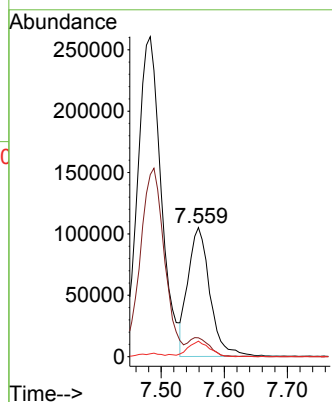
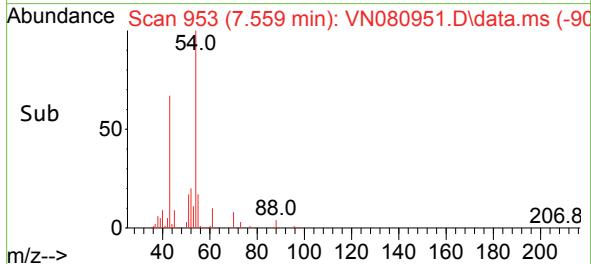


#37  
Ethyl Acetate  
Concen: 51.732 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Instrument :  
MSVOA\_N  
ClientSampleId :

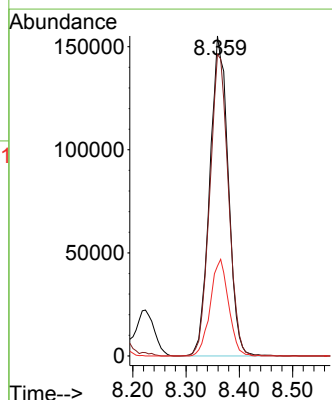
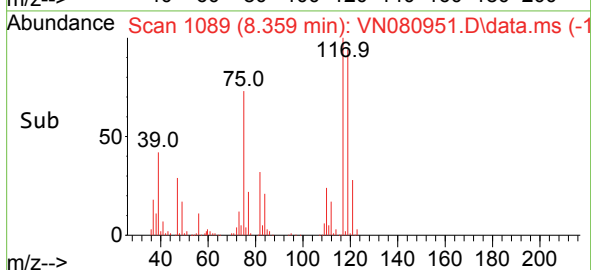
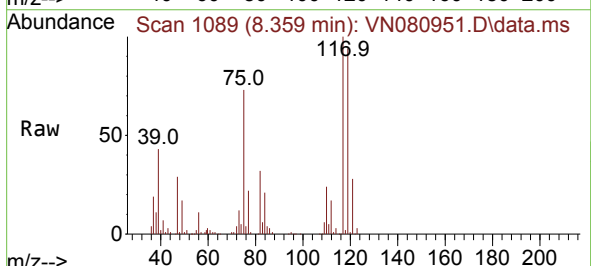


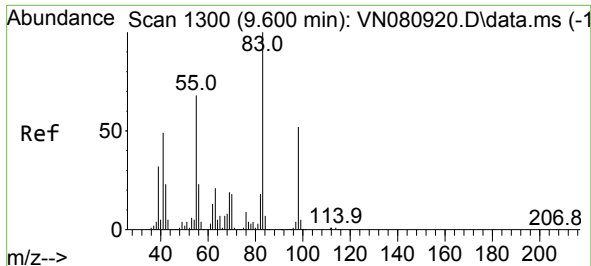
Tgt Ion: 43 Resp: 252537  
Ion Ratio Lower Upper  
43 100  
61 14.0 10.6 15.8  
70 11.6 8.0 12.0



#38  
Carbon Tetrachloride  
Concen: 56.578 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 117 Resp: 374178  
Ion Ratio Lower Upper  
117 100  
119 94.3 73.4 110.2  
121 28.1 24.4 36.6





#39

Methylcyclohexane

Concen: 45.286 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

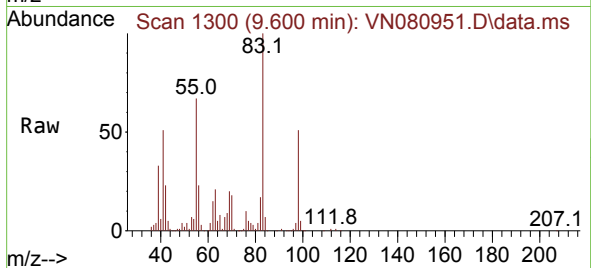
Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

ClientSampleId :



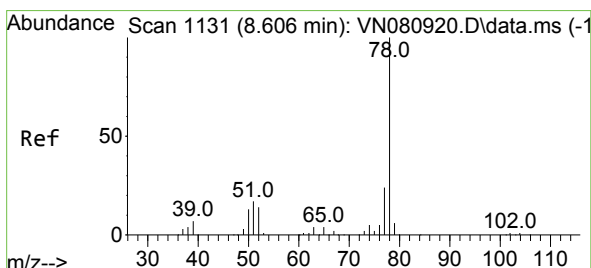
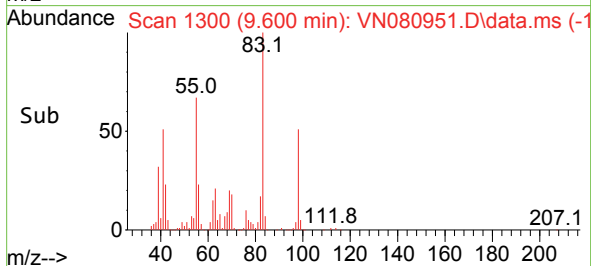
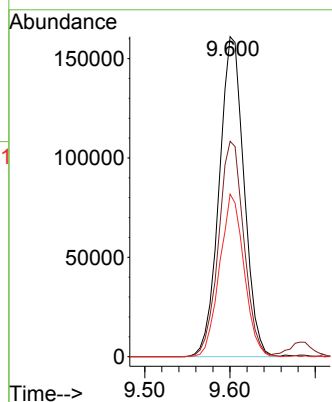
Tgt Ion: 83 Resp: 325625

Ion Ratio Lower Upper

83 100

55 67.3 65.7 98.5

98 50.8 33.8 50.6#



#40

Benzene

Concen: 53.971 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080951.D

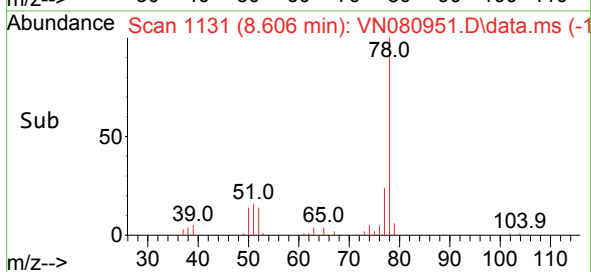
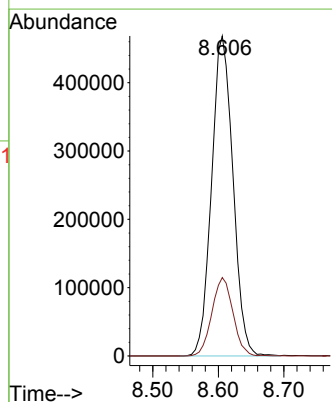
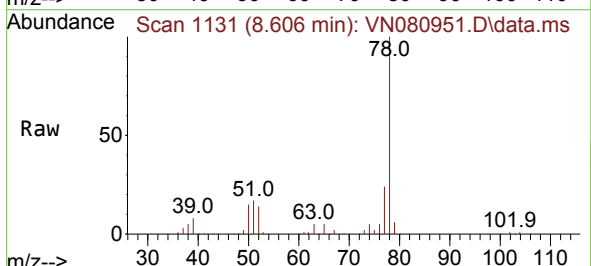
Acq: 08 Feb 2024 09:48

Tgt Ion: 78 Resp: 1059884

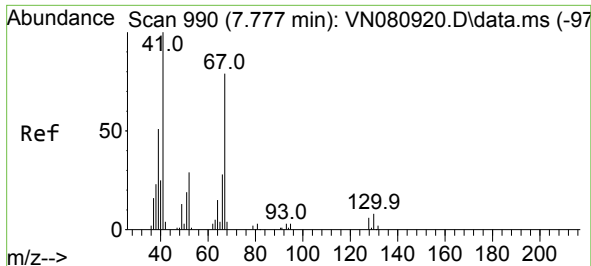
Ion Ratio Lower Upper

78 100

77 24.5 20.4 30.6



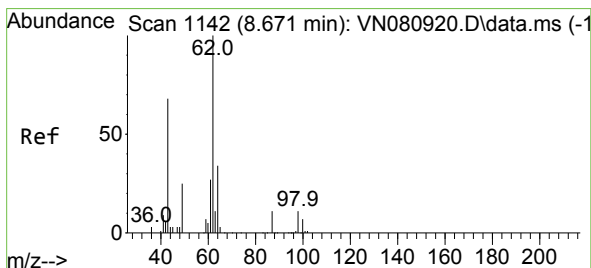
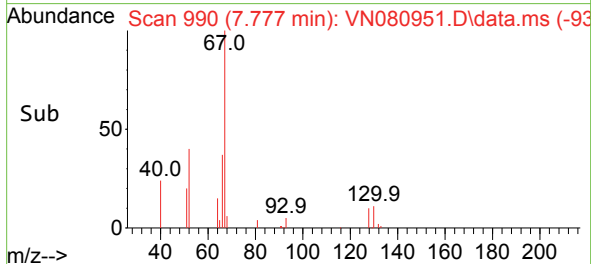
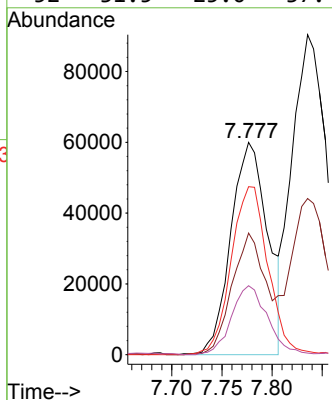
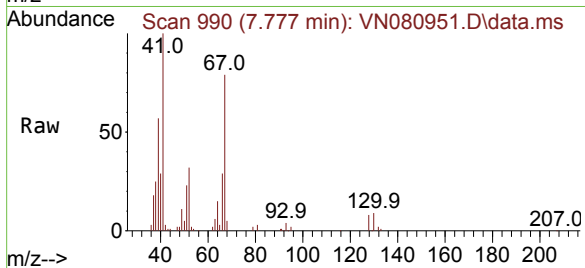




#41  
Methacrylonitrile  
Concen: 52.839 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

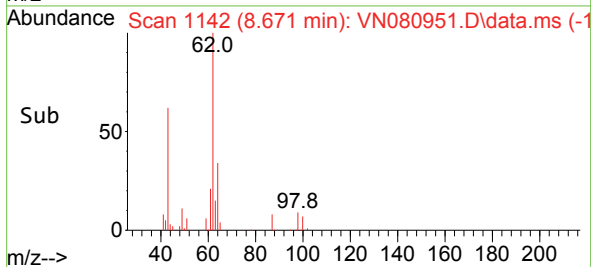
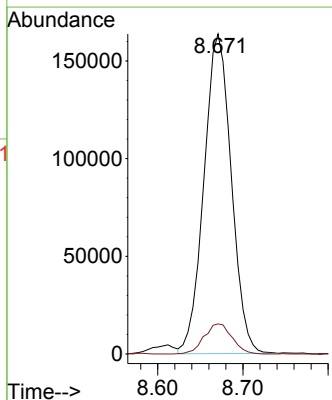
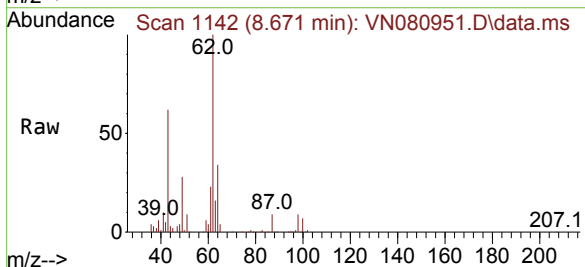
Instrument :  
MSVOA\_N  
ClientSampleId :

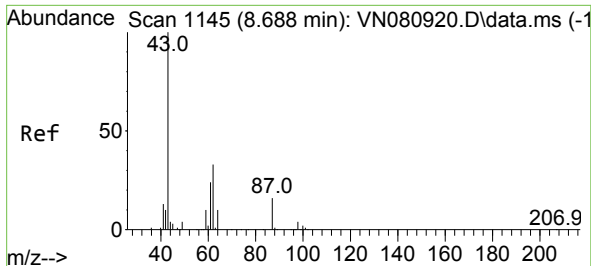
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 153718 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 50.8  | 48.4  | 72.6   |
| 67       | 79.2  | 56.8  | 85.2   |
| 52       | 31.5  | 25.0  | 37.4   |



#42  
1,2-Dichloroethane  
Concen: 53.327 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

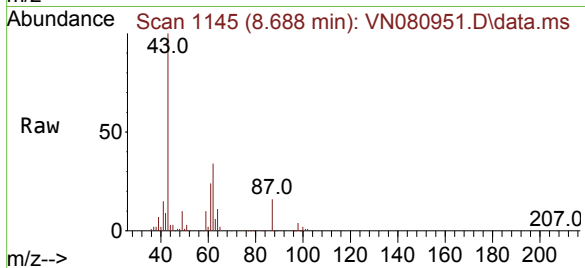
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 364627 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.6   | 0.0   | 18.0   |



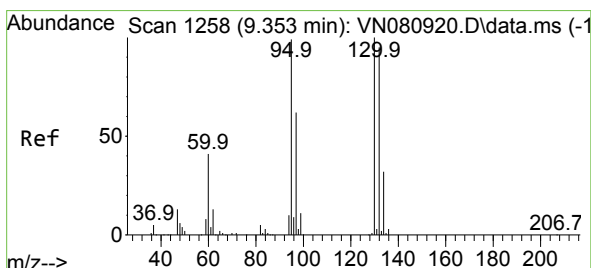
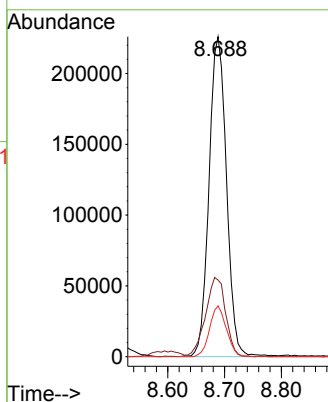
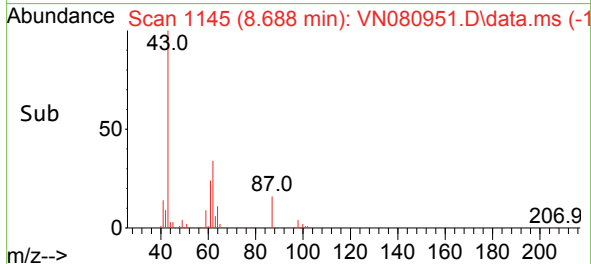


#43  
Isopropyl Acetate  
Concen: 53.673 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Instrument :  
MSVOA\_N  
ClientSampleId :

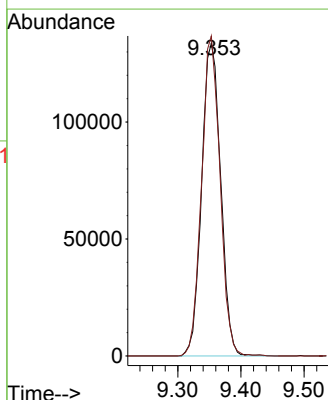
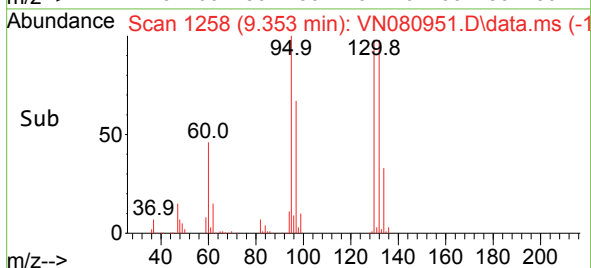
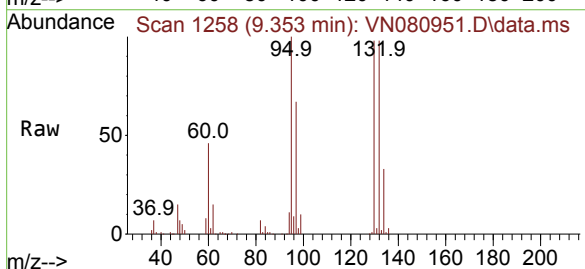


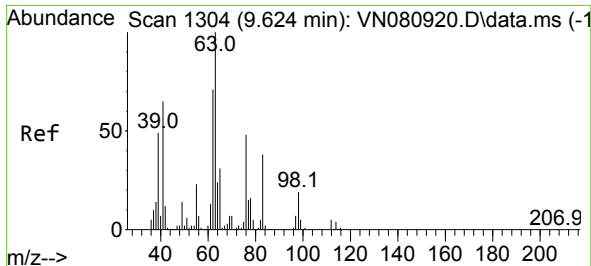
Tgt Ion: 43 Resp: 481810  
Ion Ratio Lower Upper  
43 100  
61 28.4 19.9 29.9  
87 15.2 9.0 13.6#



#44  
Trichloroethene  
Concen: 46.991 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion:130 Resp: 280298  
Ion Ratio Lower Upper  
130 100  
95 102.3 0.0 210.4

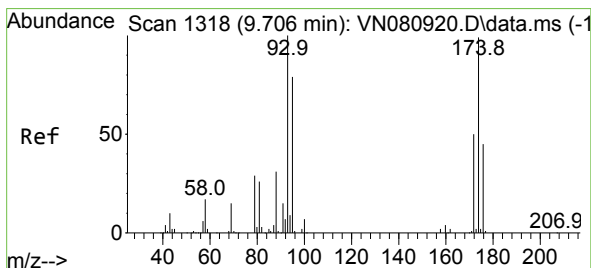
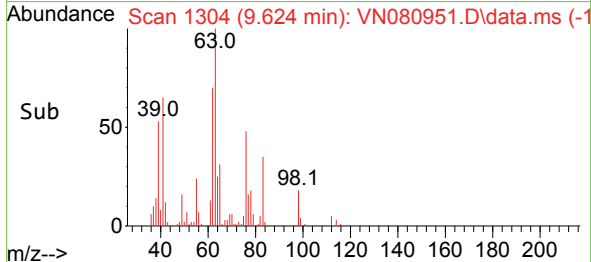
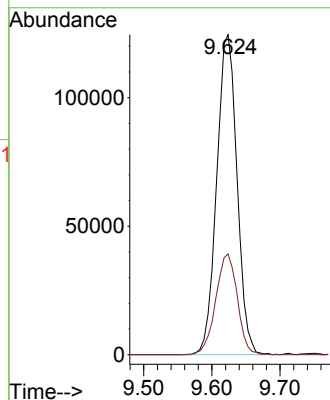
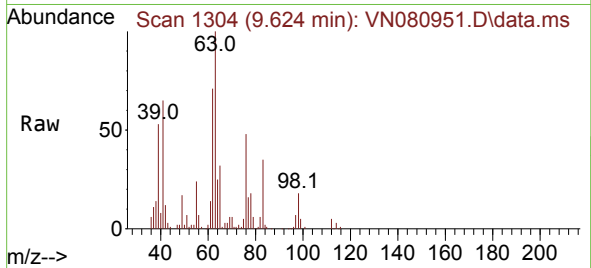




#45  
1,2-Dichloropropane  
Concen: 48.736 ug/l  
RT: 9.624 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

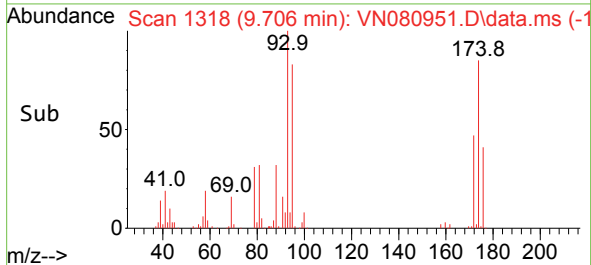
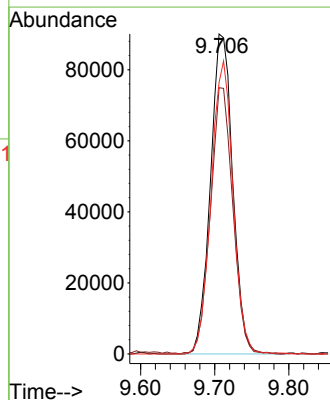
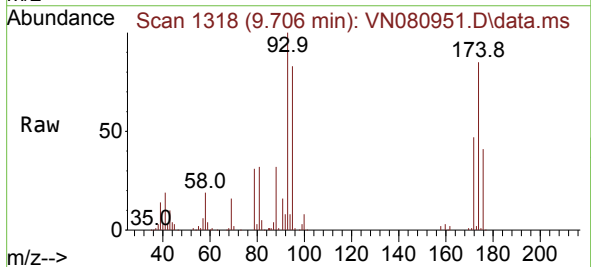
Instrument :  
MSVOA\_N  
ClientSampleId :

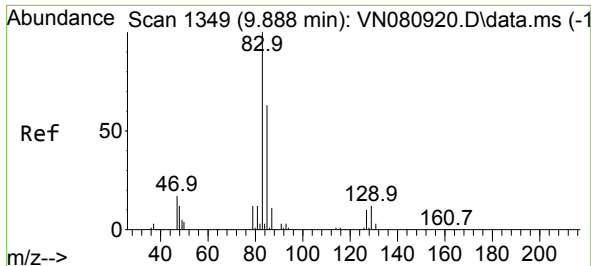
Tgt Ion: 63 Resp: 258232  
Ion Ratio Lower Upper  
63 100  
65 31.5 26.1 39.1



#46  
Dibromomethane  
Concen: 48.058 ug/l  
RT: 9.706 min Scan# 1318  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 93 Resp: 188293  
Ion Ratio Lower Upper  
93 100  
95 83.4 68.1 102.1  
174 89.9 57.2 85.8#





#47

Bromodichloromethane

Concen: 50.696 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

ClientSampleId :

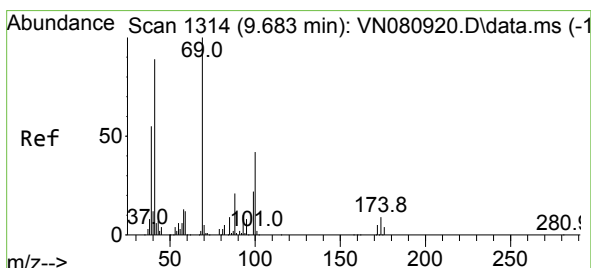
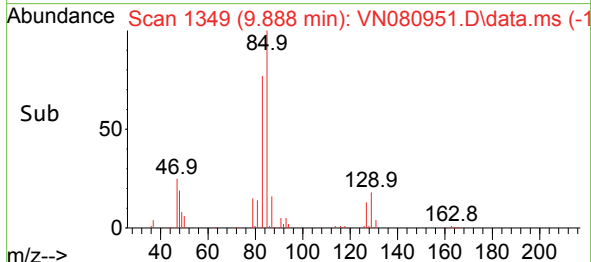
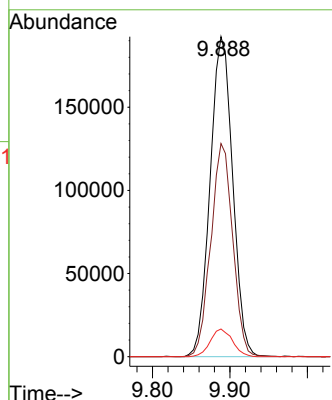
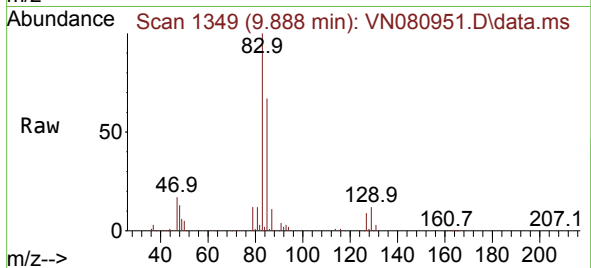
Tgt Ion: 83 Resp: 388520

Ion Ratio Lower Upper

83 100

85 66.6 52.3 78.5

127 8.7 4.6 7.0#



#48

Methyl methacrylate

Concen: 43.348 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

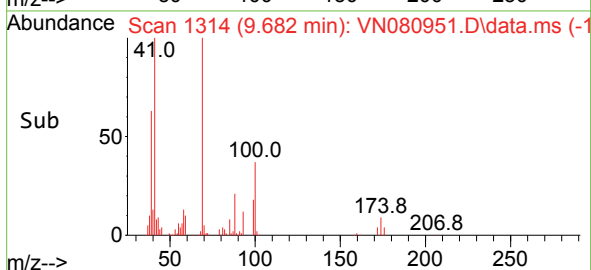
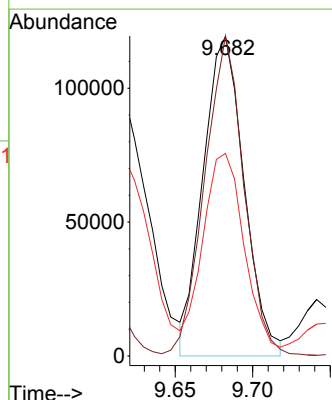
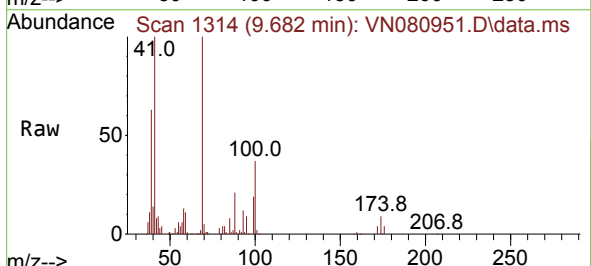
Tgt Ion: 41 Resp: 219236

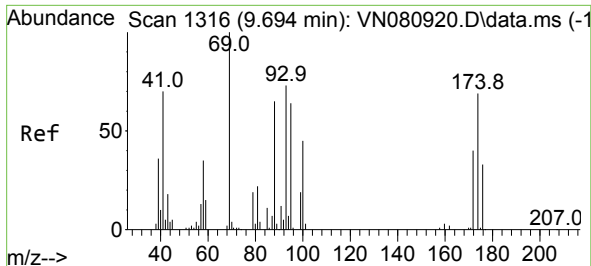
Ion Ratio Lower Upper

41 100

69 95.8 62.2 93.2#

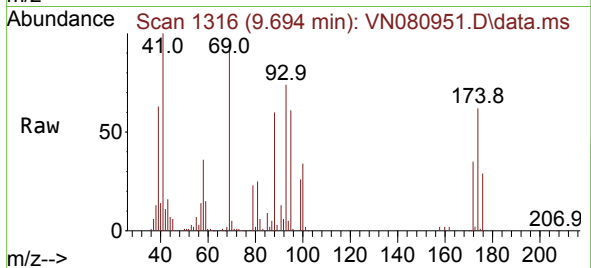
39 64.9 47.6 71.4



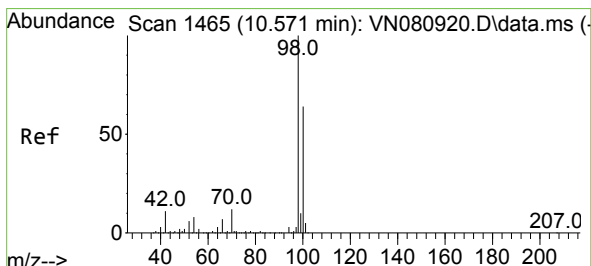
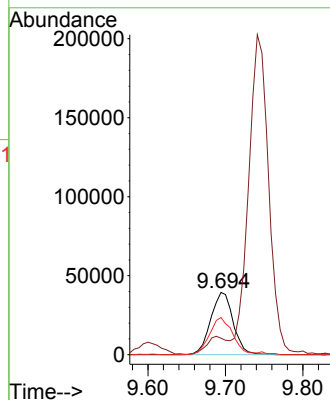
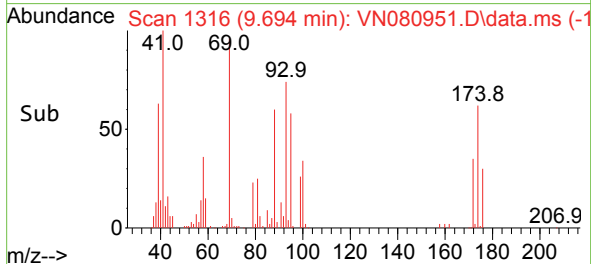


#49  
1,4-Dioxane  
Concen: 849.772 ug/l  
RT: 9.694 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Instrument :  
MSVOA\_N  
ClientSampleId :

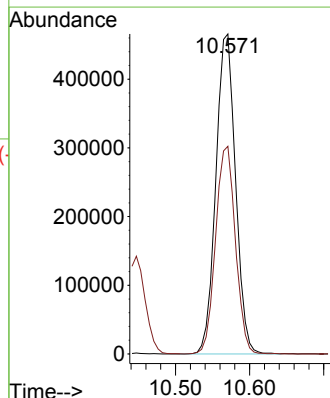
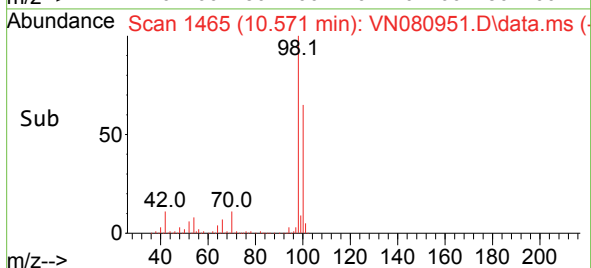
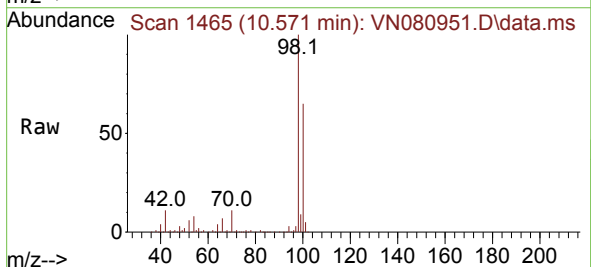


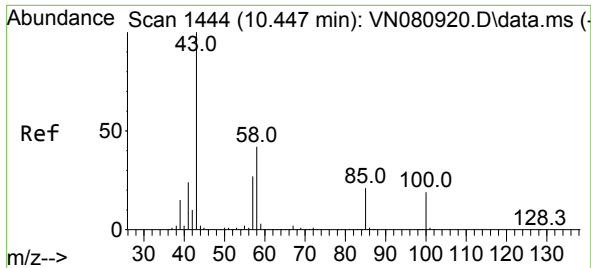
Tgt Ion: 88 Resp: 79355  
Ion Ratio Lower Upper  
88 100  
43 27.4 30.1 45.1#  
58 61.1 63.9 95.9#



#50  
Toluene-d8  
Concen: 54.762 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 98 Resp: 859007  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.4 77.0

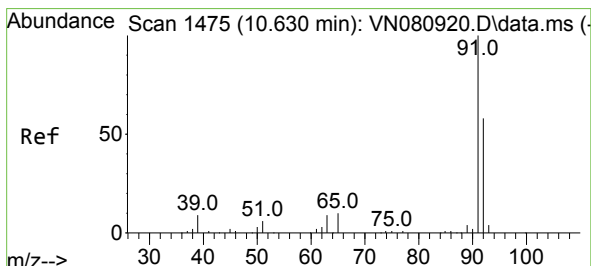
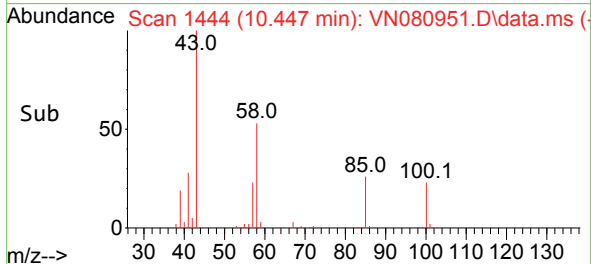
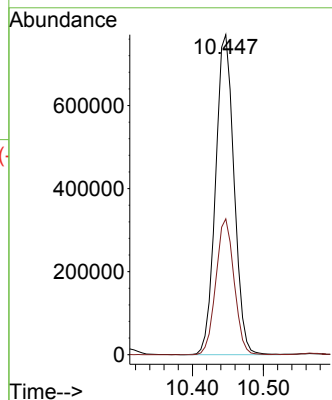
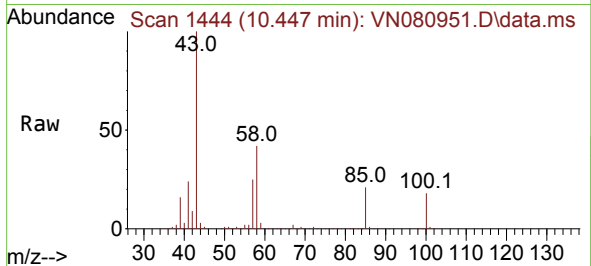




#51  
4-Methyl-2-Pentanone  
Concen: 256.636 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

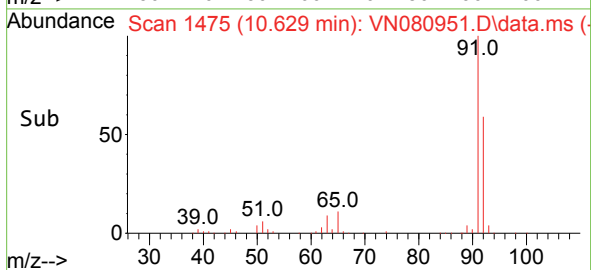
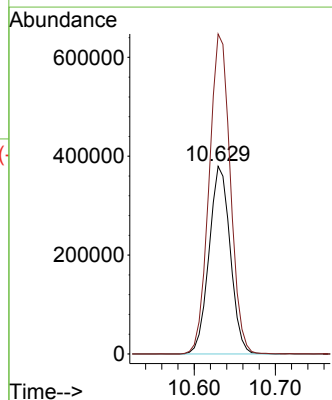
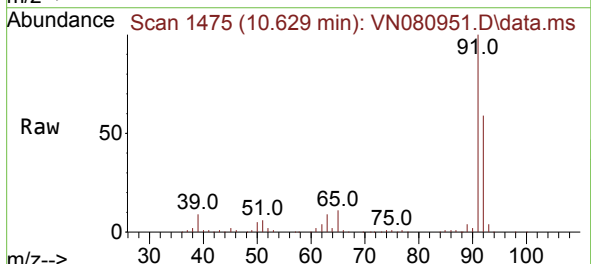
Instrument :  
MSVOA\_N  
ClientSampleId :

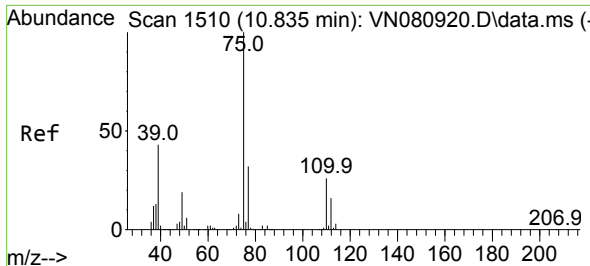
Tgt Ion: 43 Resp: 1388336  
Ion Ratio Lower Upper  
43 100  
58 41.8 29.4 44.0



#52  
Toluene  
Concen: 52.242 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 92 Resp: 687183  
Ion Ratio Lower Upper  
92 100  
91 170.8 139.4 209.0

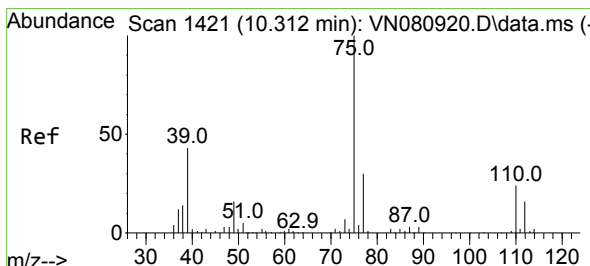
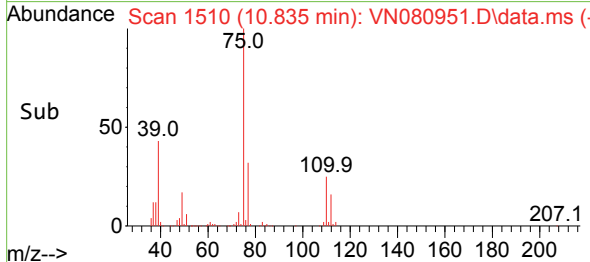
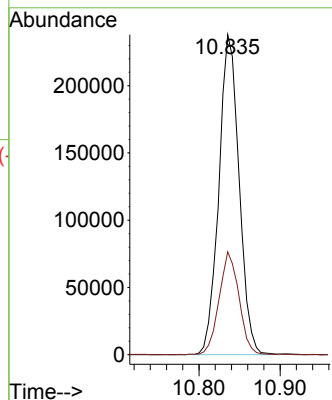
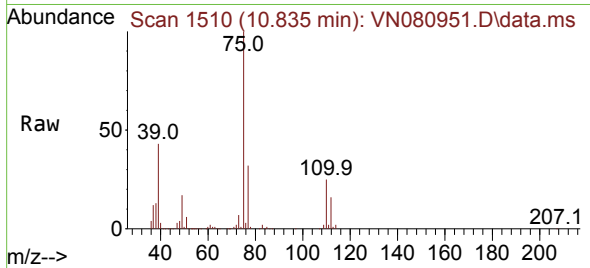




#53  
 t-1,3-Dichloropropene  
 Concen: 55.734 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. -0.000 min  
 Lab File: VN080951.D  
 Acq: 08 Feb 2024 09:48

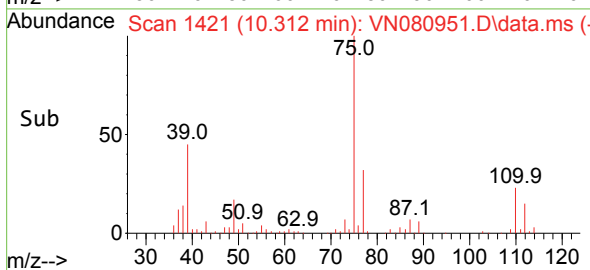
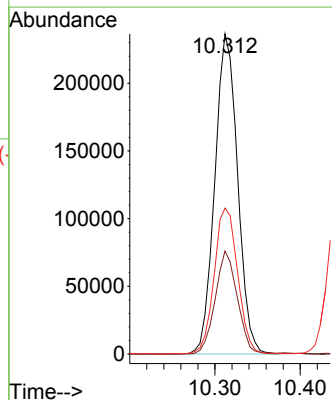
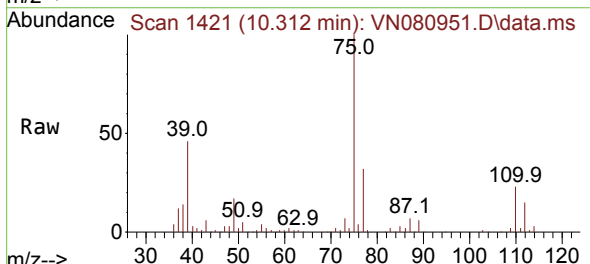
Instrument :  
 MSVOA\_N  
 ClientSampleId :

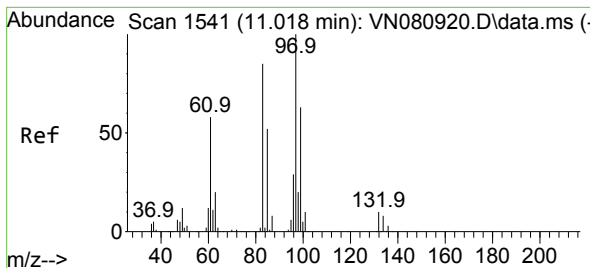
Tgt Ion: 75 Resp: 413302  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 25.5 38.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.841 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.000 min  
 Lab File: VN080951.D  
 Acq: 08 Feb 2024 09:48

Tgt Ion: 75 Resp: 439847  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 23.3 34.9  
 39 45.4 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 52.949 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

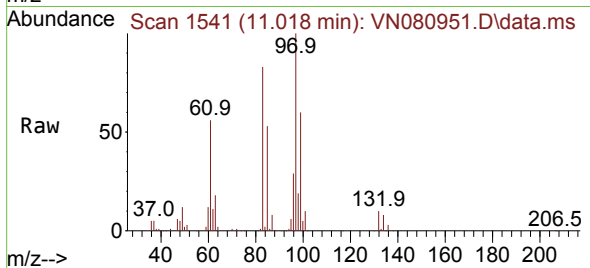
Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 269195

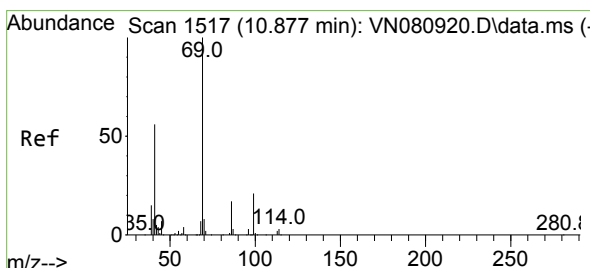
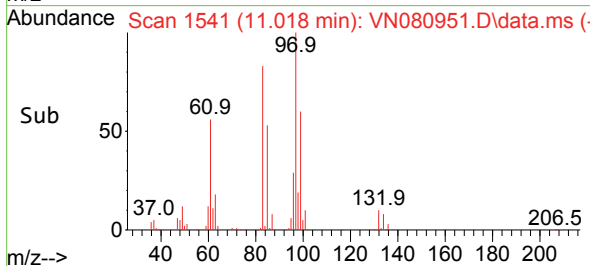
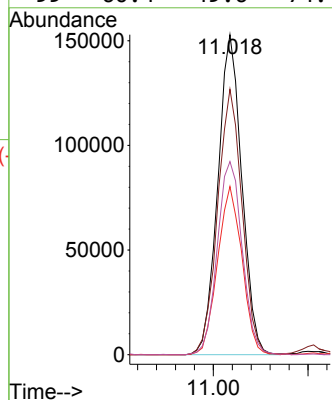
Ion Ratio Lower Upper

97 100

83 82.9 72.9 109.3

85 52.6 50.2 75.2

99 60.4 49.6 74.4



#56

Ethyl methacrylate

Concen: 61.081 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

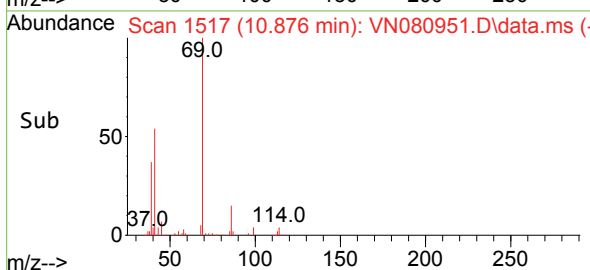
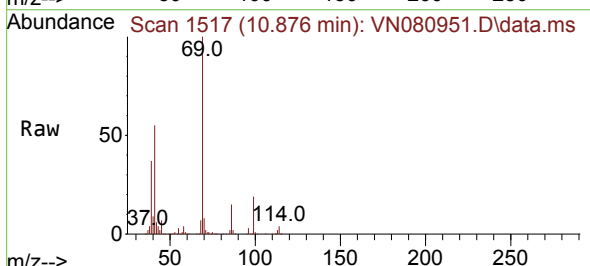
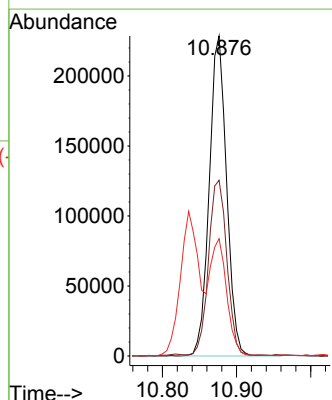
Tgt Ion: 69 Resp: 371485

Ion Ratio Lower Upper

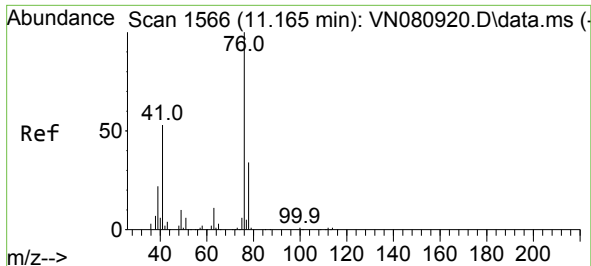
69 100

41 57.9 61.0 91.6#

39 34.3 31.8 47.6

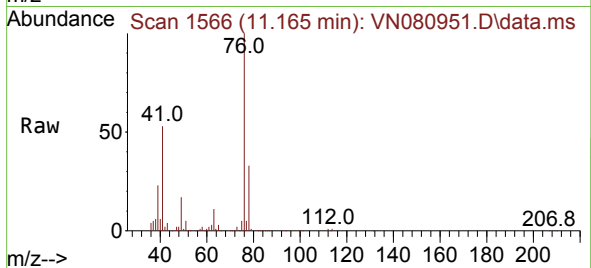




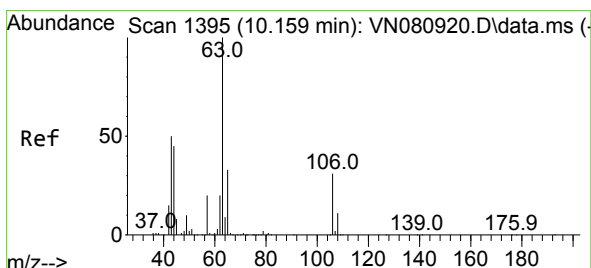
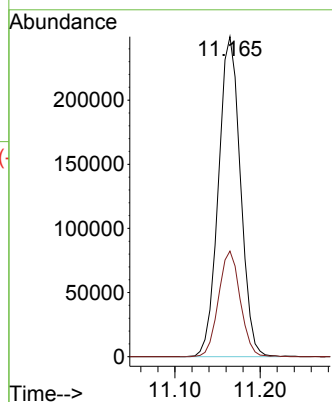
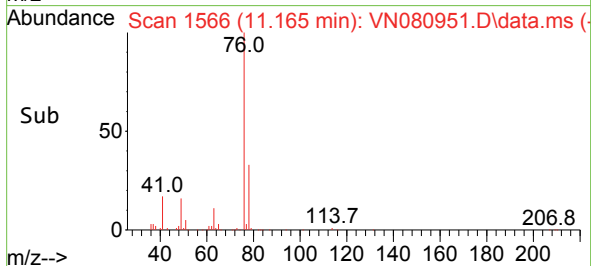


#57  
1,3-Dichloropropane  
Concen: 54.322 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Instrument :  
MSVOA\_N  
ClientSampleId :

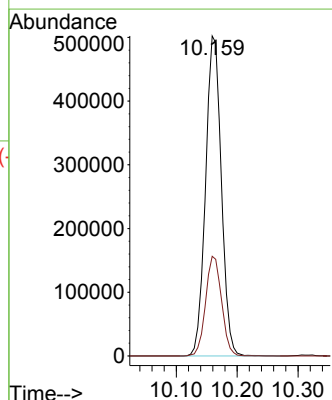
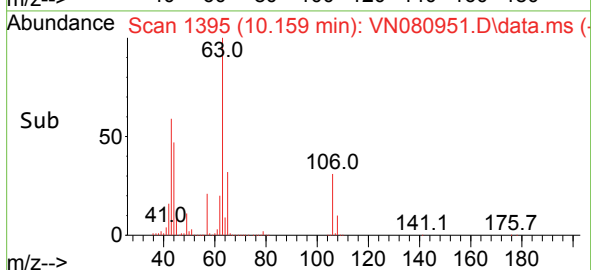
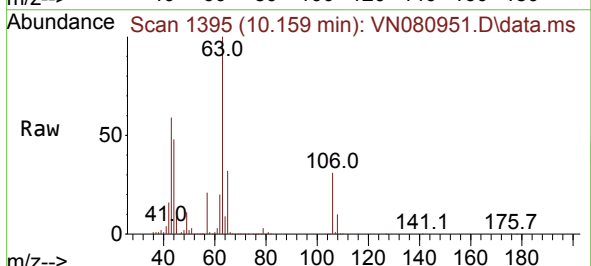


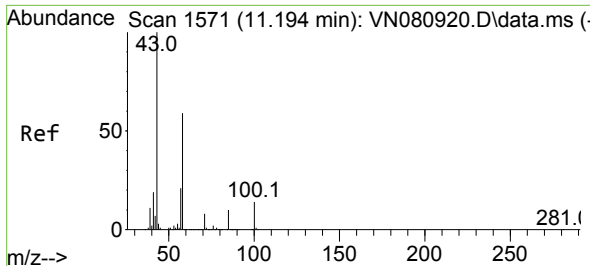
Tgt Ion: 76 Resp: 448070  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.5 38.3



#58  
2-Chloroethyl Vinyl ether  
Concen: 245.022 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 63 Resp: 904696  
Ion Ratio Lower Upper  
63 100  
106 31.4 18.6 28.0#

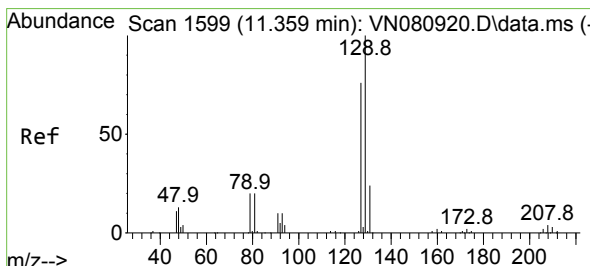
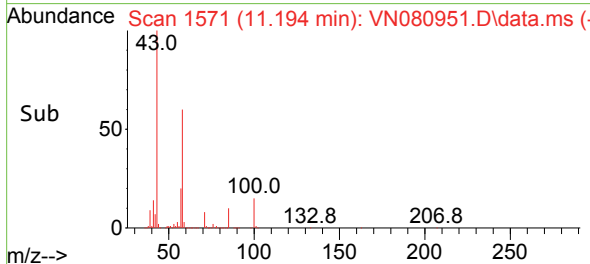
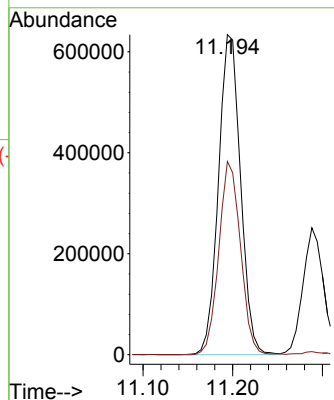
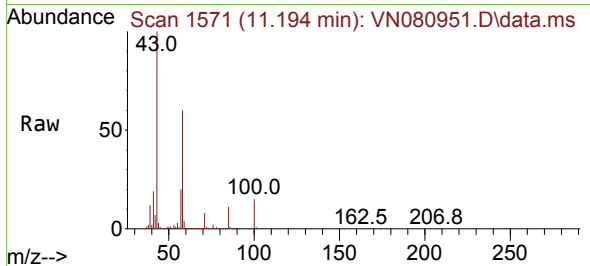




#59  
2-Hexanone  
Concen: 264.170 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

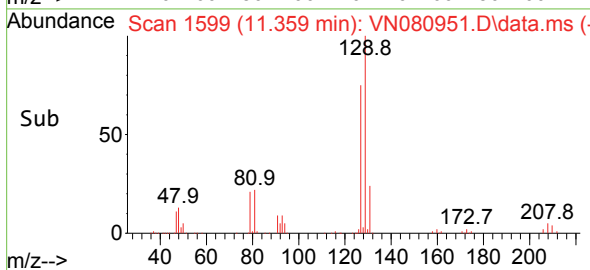
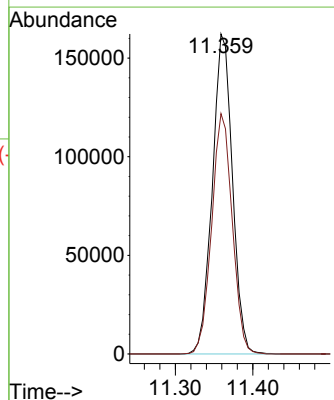
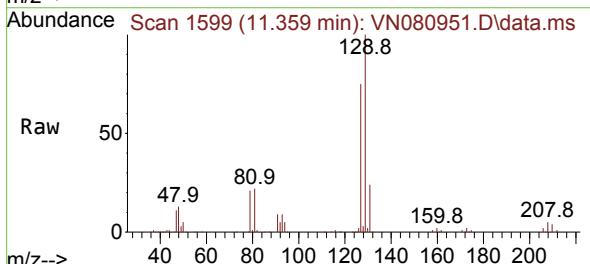
Instrument :  
MSVOA\_N  
ClientSampleId :

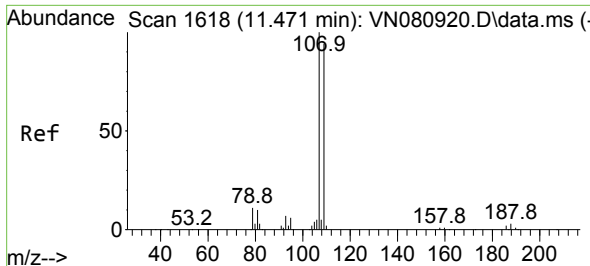
Tgt Ion: 43 Resp: 1083151  
Ion Ratio Lower Upper  
43 100  
58 59.3 25.9 77.8



#60  
Dibromochloromethane  
Concen: 56.421 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

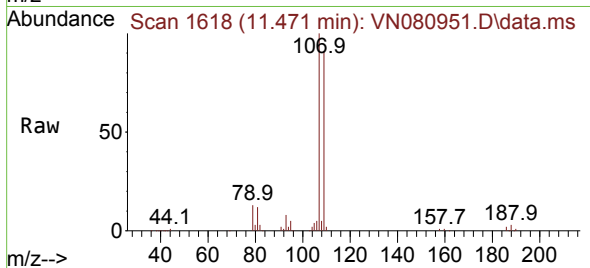
Tgt Ion:129 Resp: 293099  
Ion Ratio Lower Upper  
129 100  
127 76.7 39.4 118.2



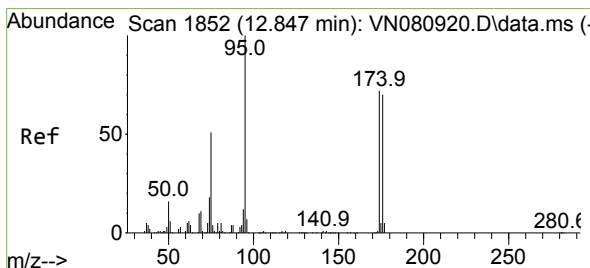
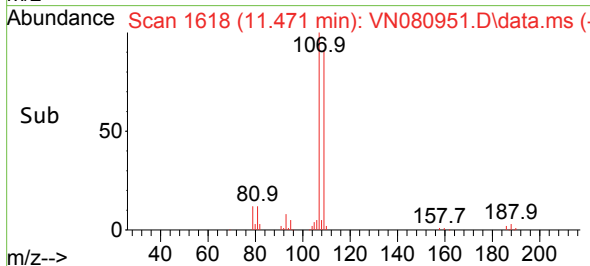
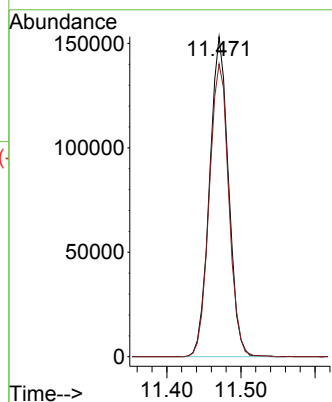


#61  
1,2-Dibromoethane  
Concen: 53.686 ug/l  
RT: 11.471 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Instrument :  
MSVOA\_N  
ClientSampleId :

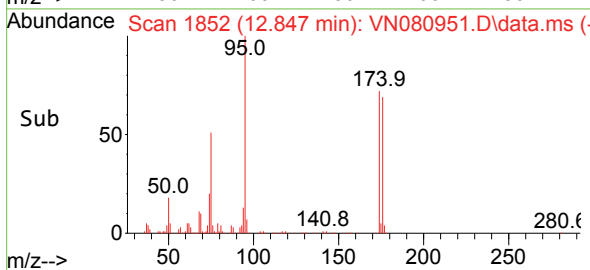
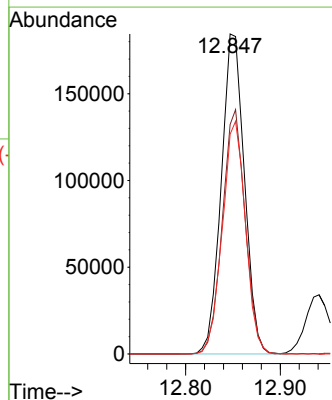
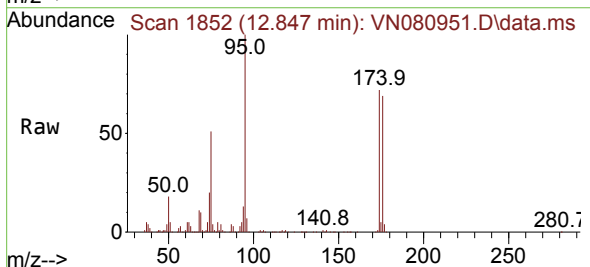


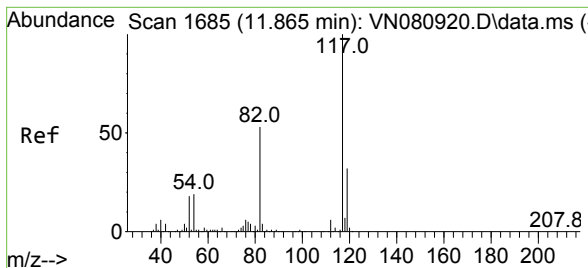
Tgt Ion:107 Resp: 272264  
Ion Ratio Lower Upper  
107 100  
109 94.1 73.4 110.2



#62  
4-Bromofluorobenzene  
Concen: 55.058 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 95 Resp: 313741  
Ion Ratio Lower Upper  
95 100  
174 75.3 0.0 120.4  
176 72.5 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

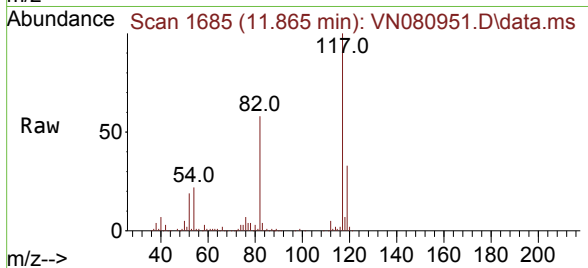
Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

ClientSampleId :



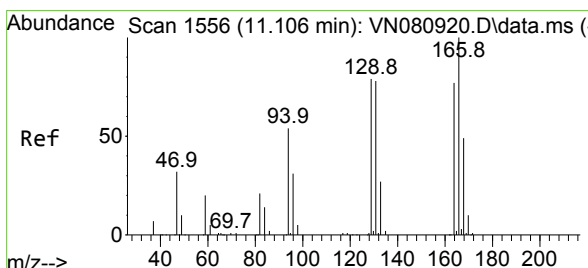
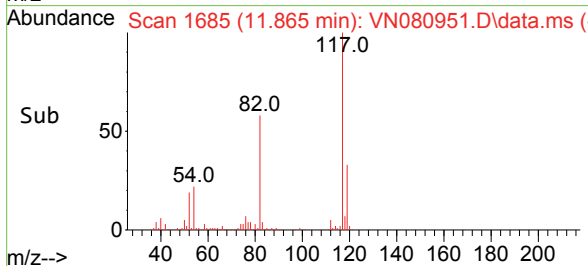
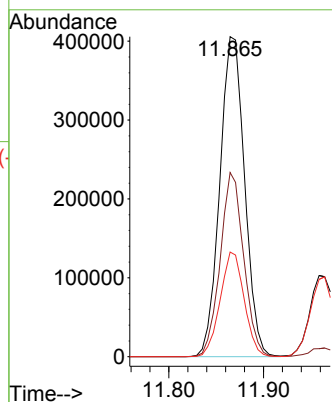
Tgt Ion:117 Resp: 739002

Ion Ratio Lower Upper

117 100

82 57.5 52.7 79.1

119 32.7 25.3 37.9



#64

Tetrachloroethene

Concen: 42.134 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Tgt Ion:164 Resp: 235025

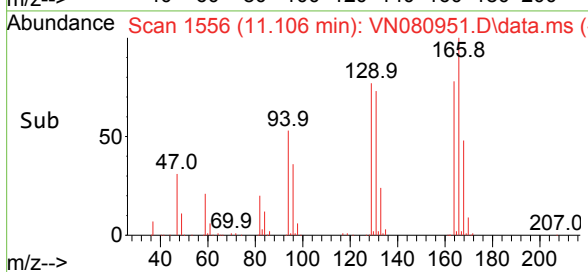
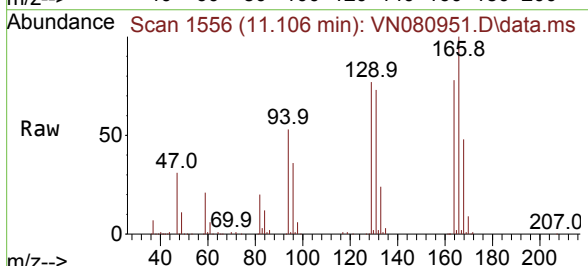
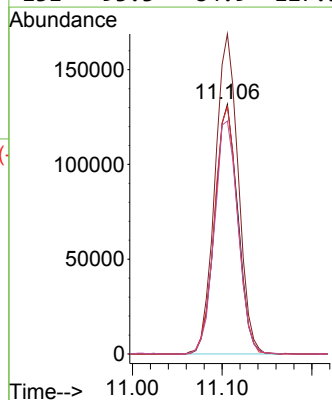
Ion Ratio Lower Upper

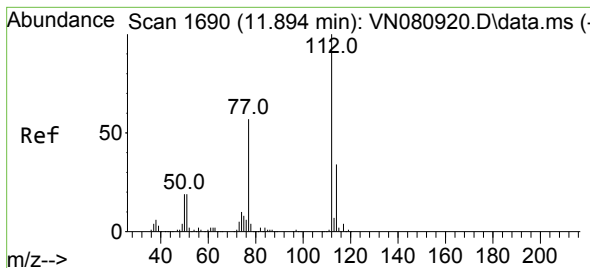
164 100

166 128.2 105.8 158.6

129 99.1 89.6 134.4

131 93.3 84.9 127.3





#65

Chlorobenzene

Concen: 46.769 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

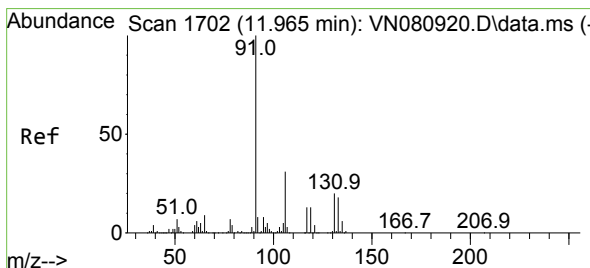
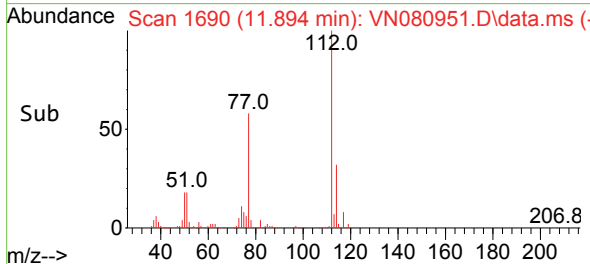
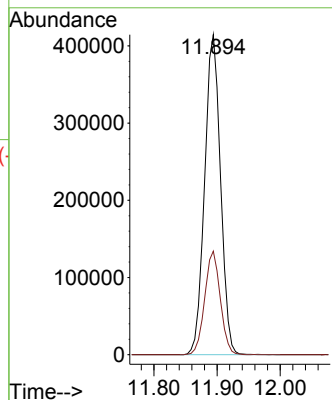
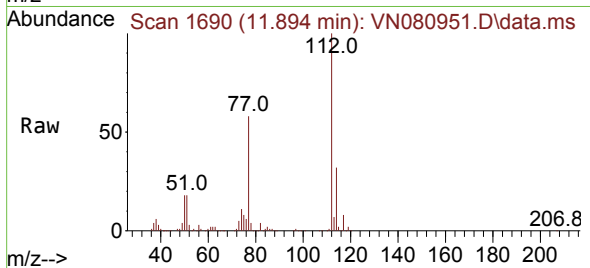
ClientSampleId :

Tgt Ion:112 Resp: 724354

Ion Ratio Lower Upper

112 100

114 32.3 23.7 35.5



#66

1,1,1,2-Tetrachloroethane

Concen: 48.723 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

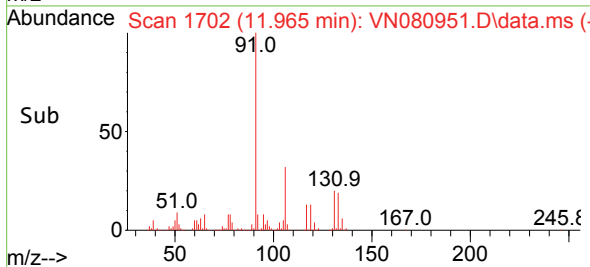
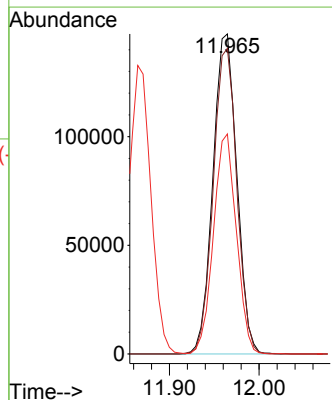
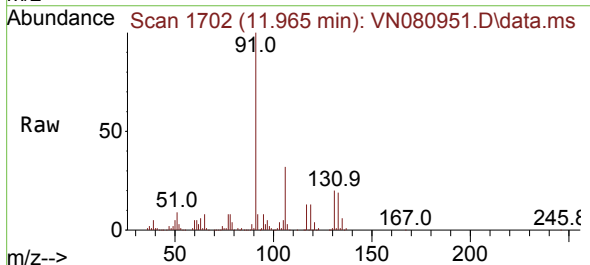
Tgt Ion:131 Resp: 272307

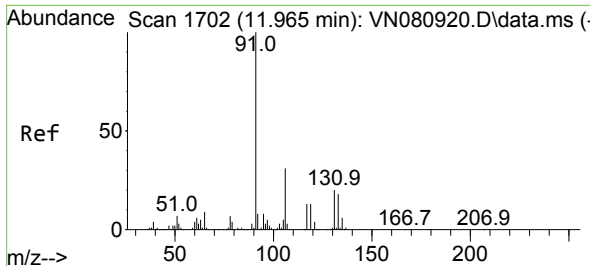
Ion Ratio Lower Upper

131 100

133 94.4 46.8 140.3

119 66.0 34.6 103.9

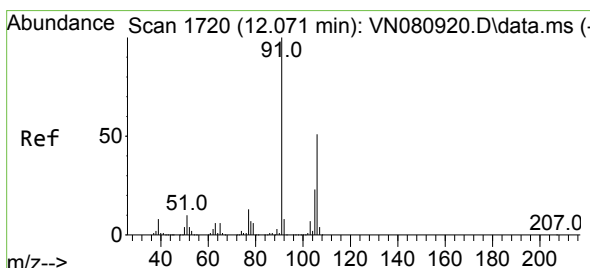
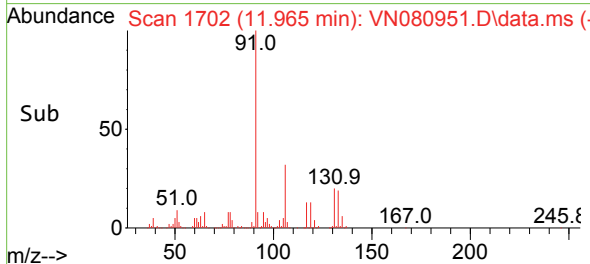
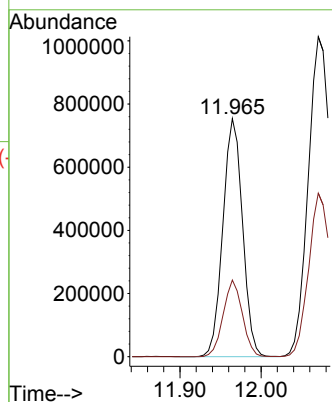
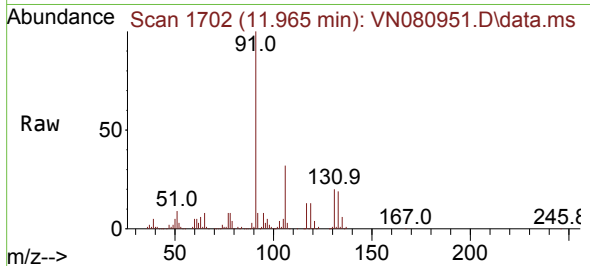




#67  
Ethyl Benzene  
Concen: 47.534 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

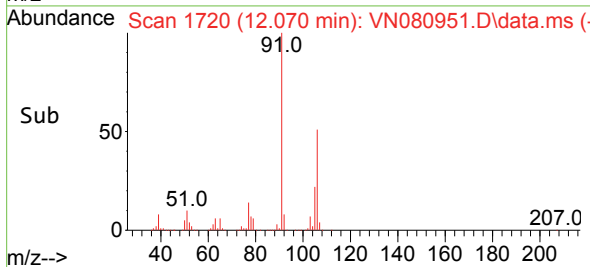
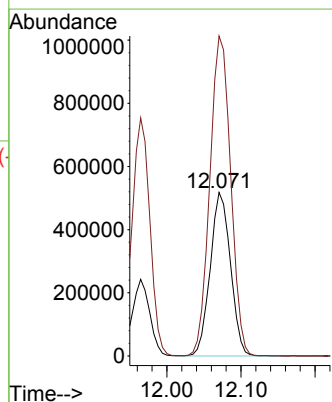
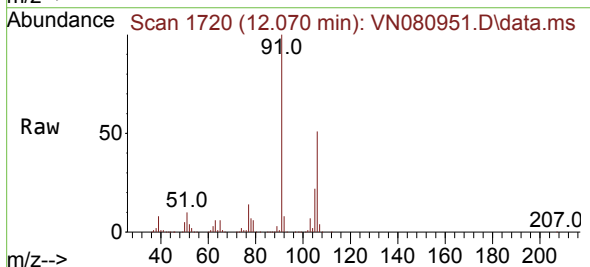
Instrument :  
MSVOA\_N  
ClientSampleId :

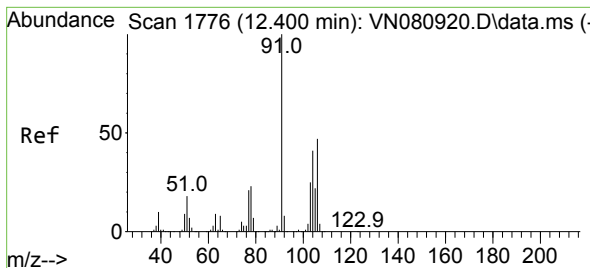
Tgt Ion: 91 Resp: 1268173  
Ion Ratio Lower Upper  
91 100  
106 32.2 23.8 35.6



#68  
m/p-Xylenes  
Concen: 96.862 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion:106 Resp: 981793  
Ion Ratio Lower Upper  
106 100  
91 201.9 169.0 253.6





#69

o-Xylene

Concen: 49.042 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

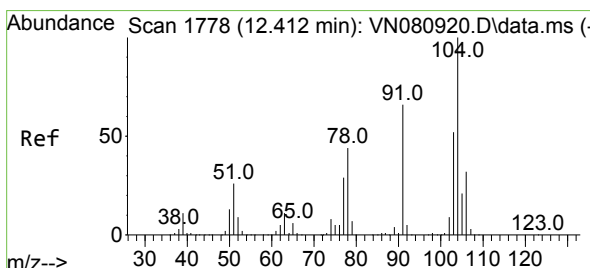
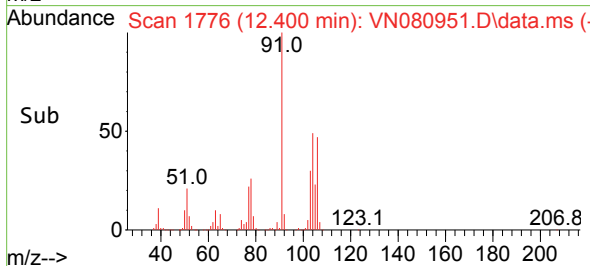
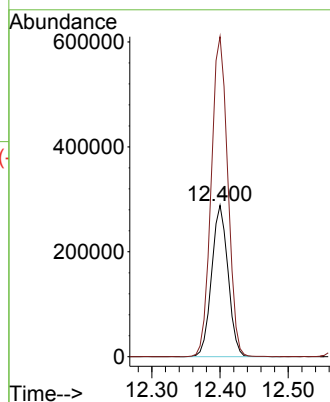
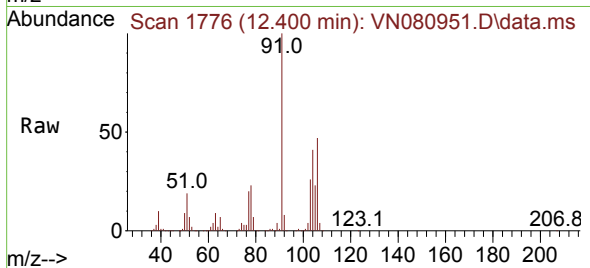
ClientSampleId :

Tgt Ion:106 Resp: 482342

Ion Ratio Lower Upper

106 100

91 214.2 112.1 336.3



#70

Styrene

Concen: 55.490 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

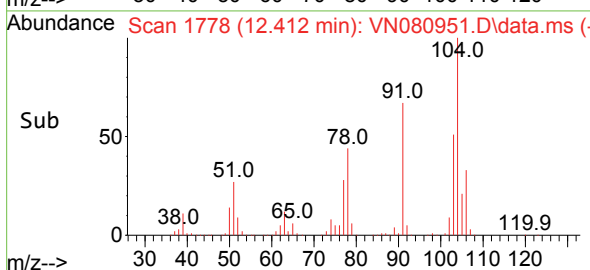
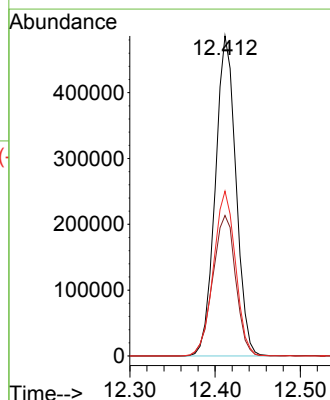
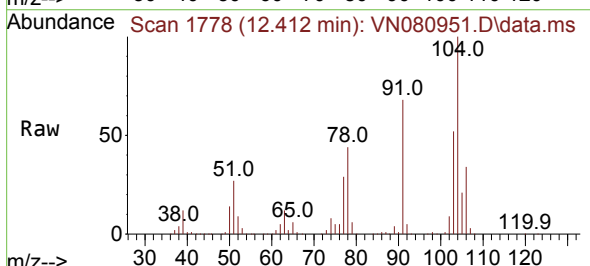
Tgt Ion:104 Resp: 819099

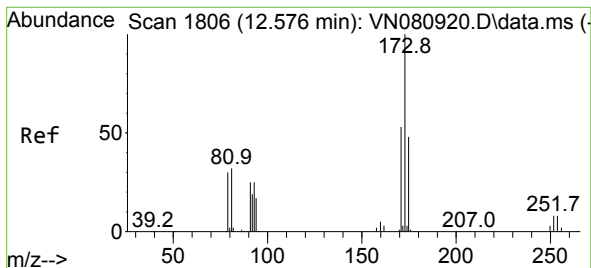
Ion Ratio Lower Upper

104 100

78 48.8 43.8 65.8

103 55.0 44.2 66.2





#71

Bromoform

Concen: 50.746 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

ClientSampleId :

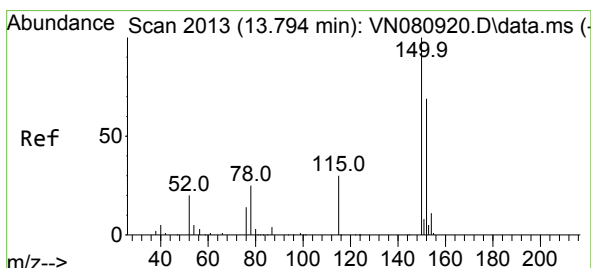
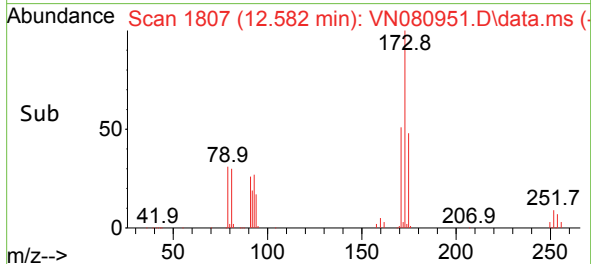
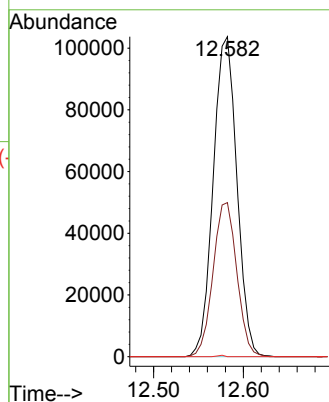
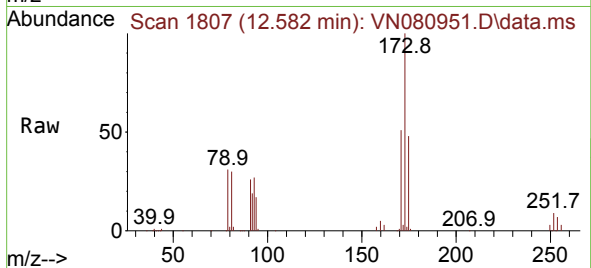
Tgt Ion:173 Resp: 189956

Ion Ratio Lower Upper

173 100

175 48.3 23.1 69.2

254 0.1 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: VN080951.D

Acq: 08 Feb 2024 09:48

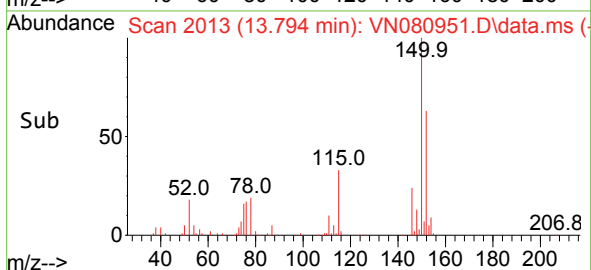
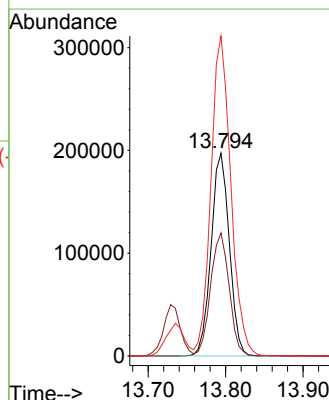
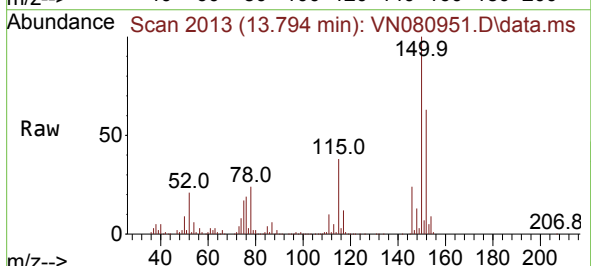
Tgt Ion:152 Resp: 322702

Ion Ratio Lower Upper

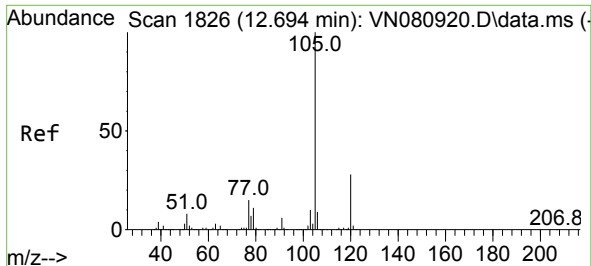
152 100

115 61.7 32.3 96.8

150 172.2 0.0 339.8

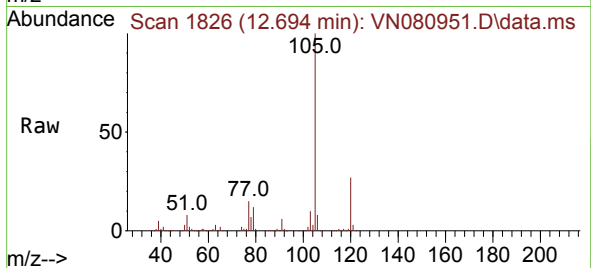




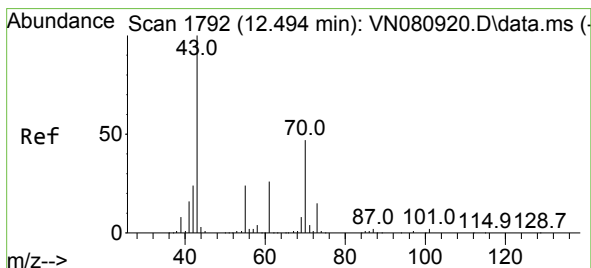
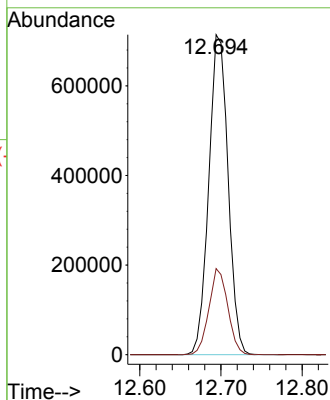
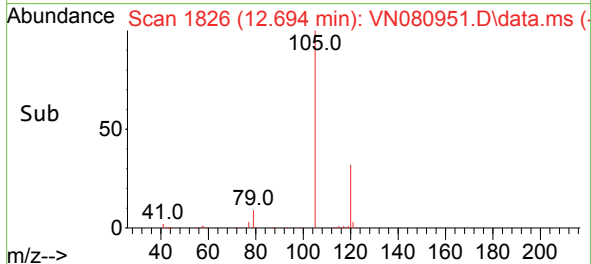


#73  
Isopropylbenzene  
Concen: 46.957 ug/l  
RT: 12.694 min Scan# 1178479  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Instrument :  
MSVOA\_N  
ClientSampleId :

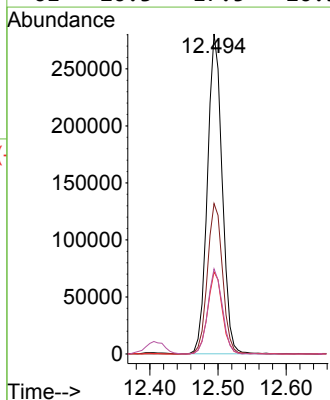
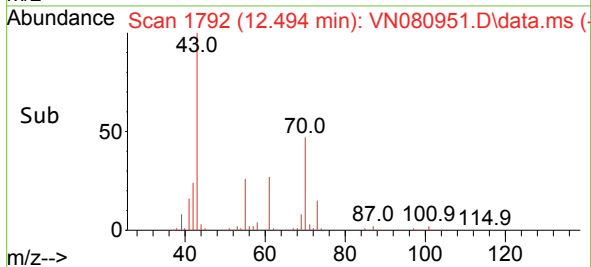
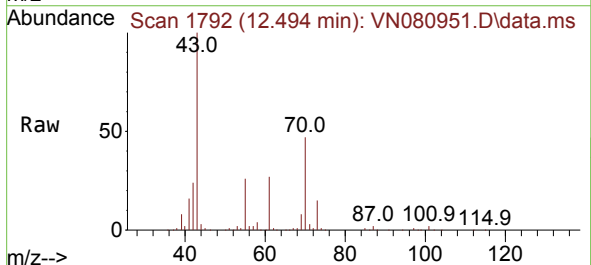


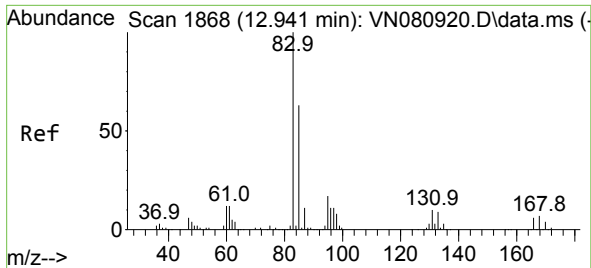
Tgt Ion:105 Resp: 1178479  
Ion Ratio Lower Upper  
105 100  
120 26.2 12.6 37.6



#74  
N-ethyl acetate  
Concen: 46.613 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 43 Resp: 421688  
Ion Ratio Lower Upper  
43 100  
70 48.1 30.1 45.1#  
55 25.5 17.0 25.4#  
61 26.3 17.5 26.3#

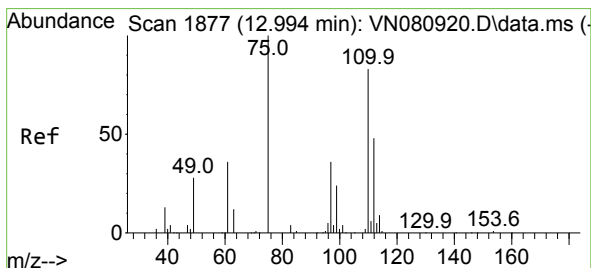
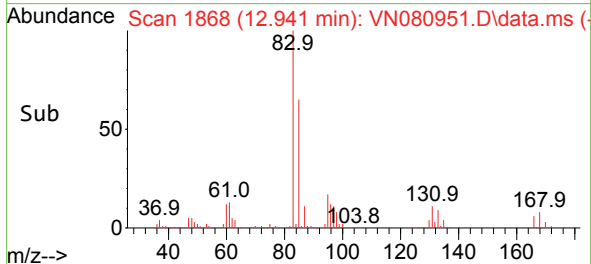
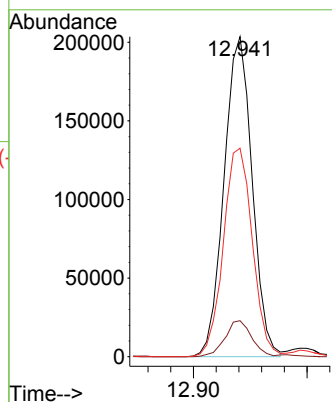
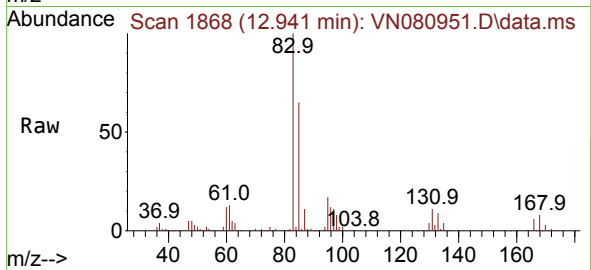




#75  
1,1,2,2-Tetrachloroethane  
Concen: 44.832 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

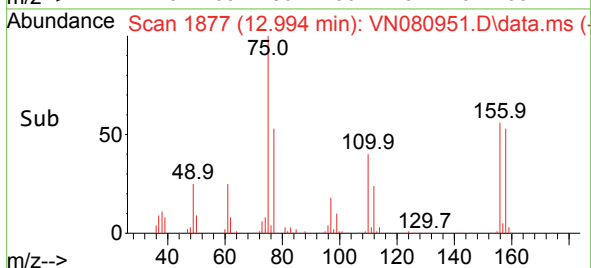
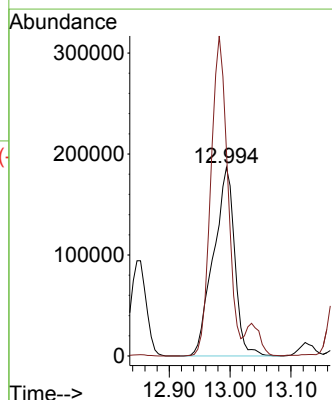
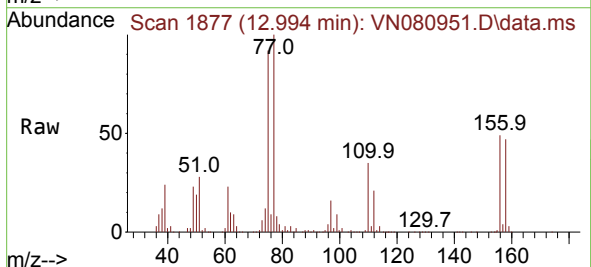
Instrument :  
MSVOA\_N  
ClientSampleId :

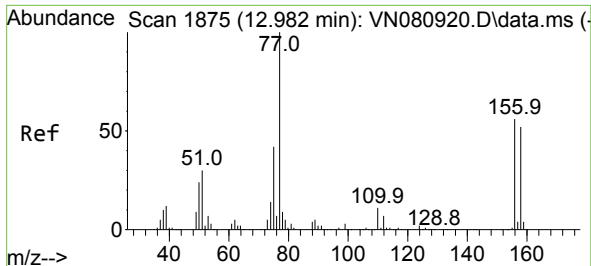
Tgt Ion: 83 Resp: 350014  
Ion Ratio Lower Upper  
83 100  
131 11.1 4.1 12.3  
85 67.4 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 68.749 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 75 Resp: 452351  
Ion Ratio Lower Upper  
75 100  
77 134.7 91.0 272.8

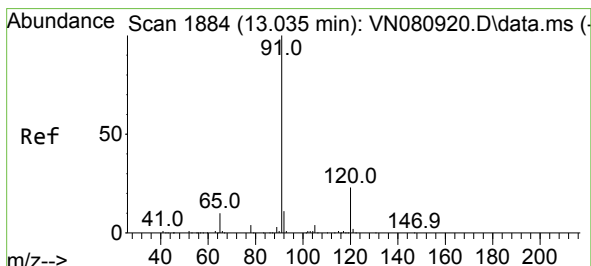
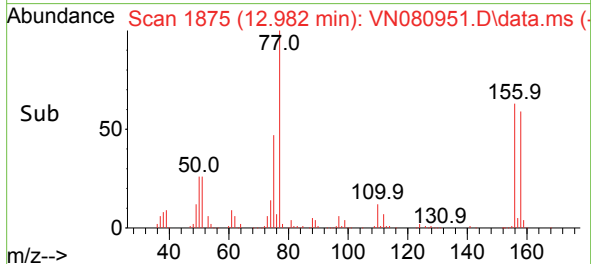
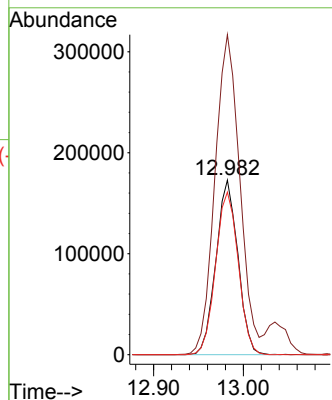
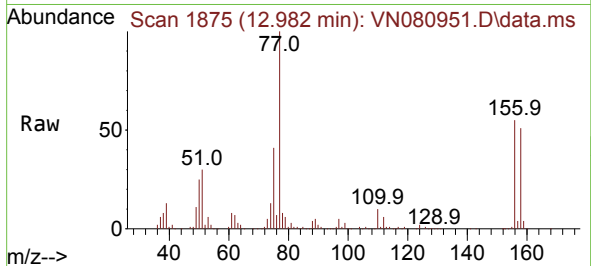




#77  
Bromobenzene  
Concen: 46.368 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

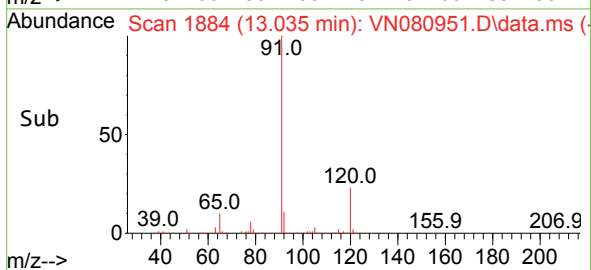
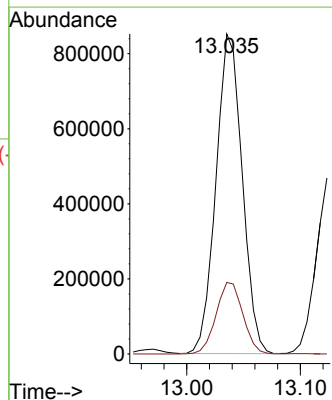
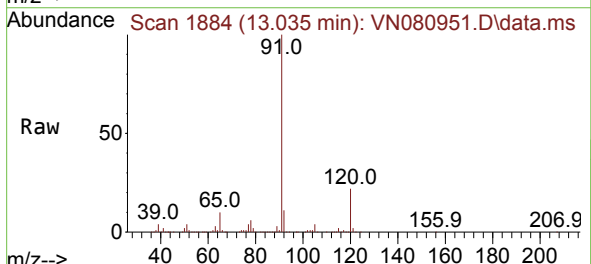
Instrument :  
MSVOA\_N  
ClientSampleId :

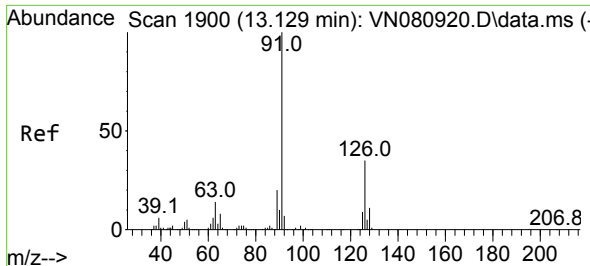
Tgt Ion:156 Resp: 293627  
Ion Ratio Lower Upper  
156 100  
77 207.5 138.1 414.3  
158 96.1 46.5 139.5



#78  
n-propylbenzene  
Concen: 48.214 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 91 Resp: 1366162  
Ion Ratio Lower Upper  
91 100  
120 22.8 10.3 30.9

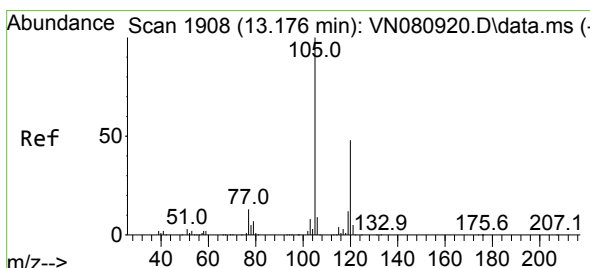
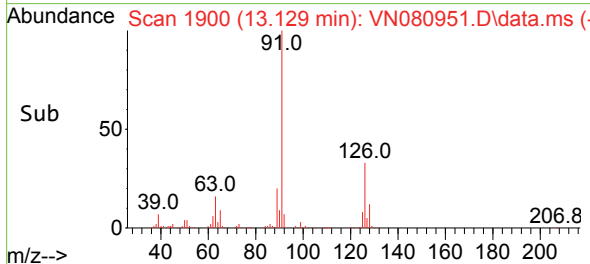
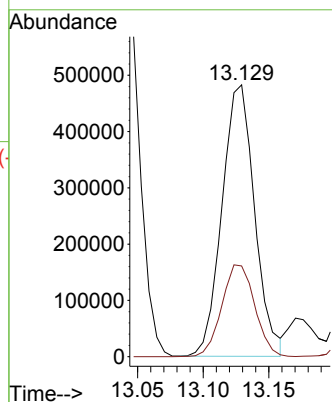
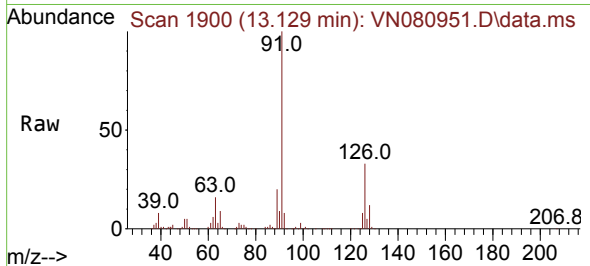




#79  
2-Chlorotoluene  
Concen: 46.654 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

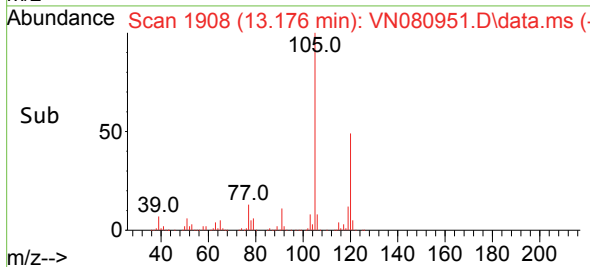
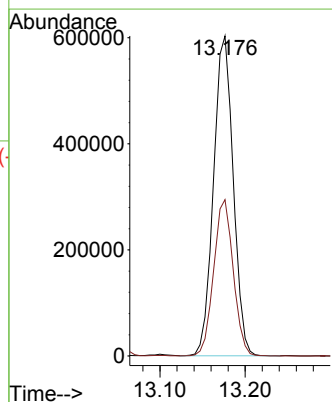
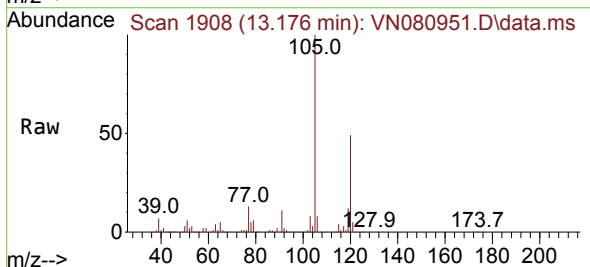
Instrument :  
MSVOA\_N  
ClientSampleId :

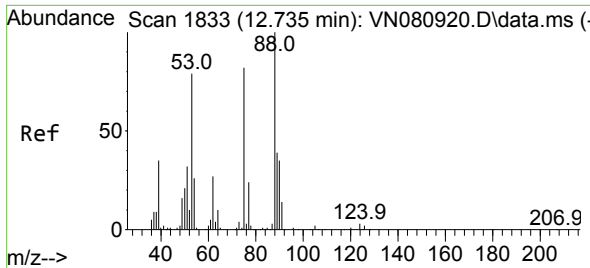
Tgt Ion: 91 Resp: 835418  
Ion Ratio Lower Upper  
91 100  
126 34.2 14.8 44.4



#80  
1,3,5-Trimethylbenzene  
Concen: 47.476 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 105 Resp: 968471  
Ion Ratio Lower Upper  
105 100  
120 48.6 23.0 69.0

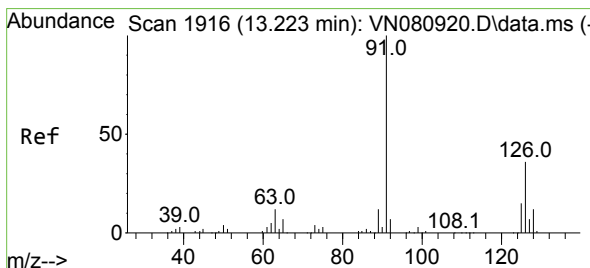
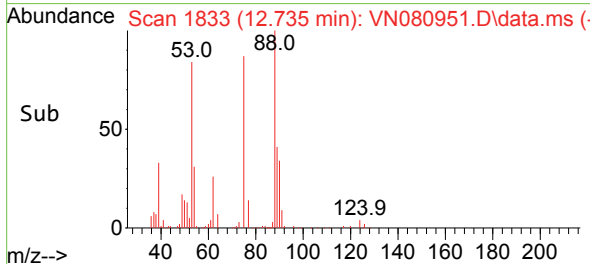
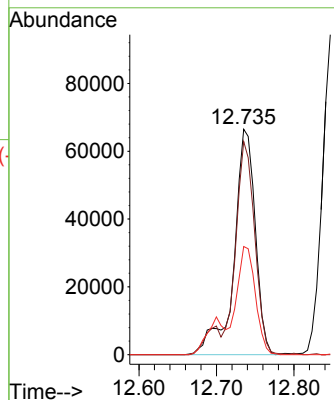
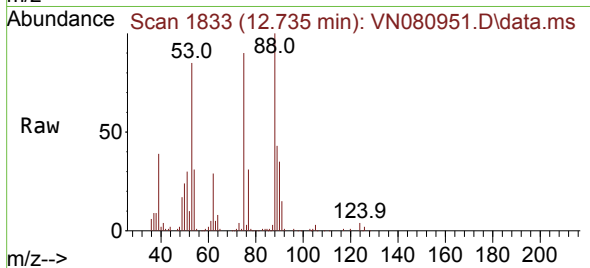




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.766 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

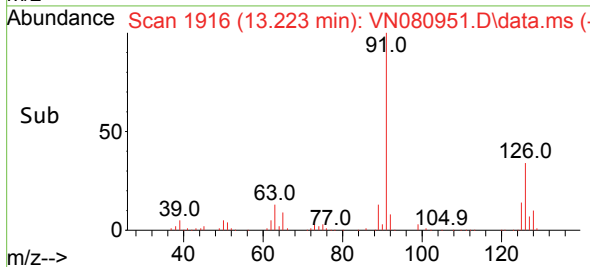
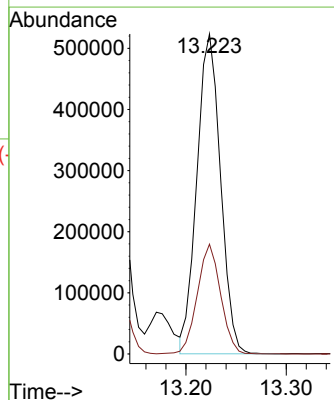
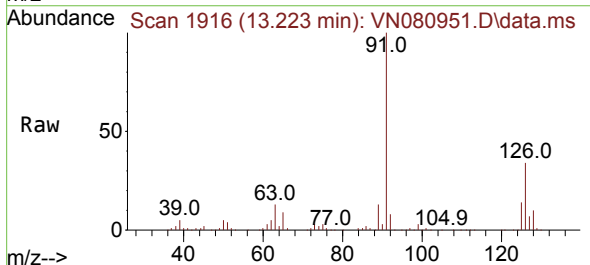
Instrument :  
MSVOA\_N  
ClientSampleId :

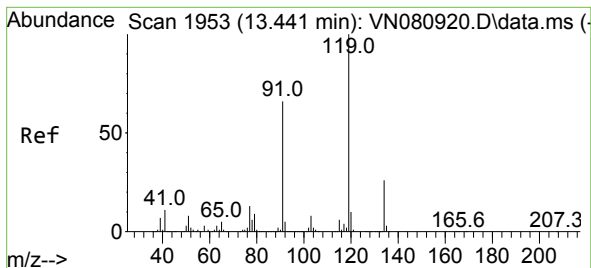
Tgt Ion: 75 Resp: 127789  
Ion Ratio Lower Upper  
75 100  
53 83.2 71.4 107.2  
89 42.4 33.4 50.0



#82  
4-Chlorotoluene  
Concen: 48.025 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 91 Resp: 858009  
Ion Ratio Lower Upper  
91 100  
126 33.9 15.3 45.9





#83

tert-Butylbenzene

Concen: 47.777 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

ClientSampleId :

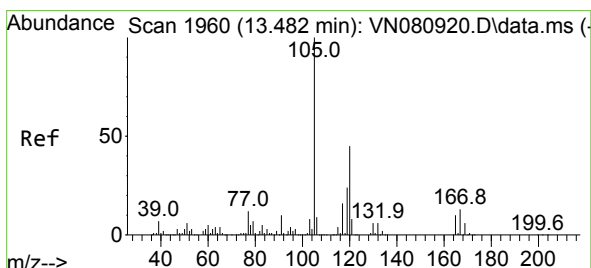
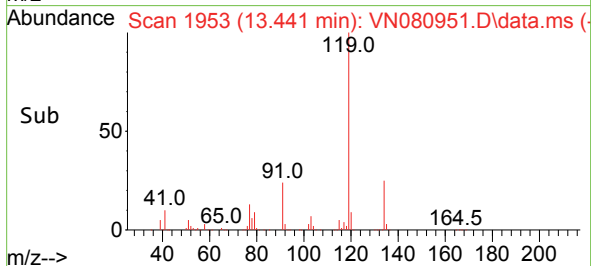
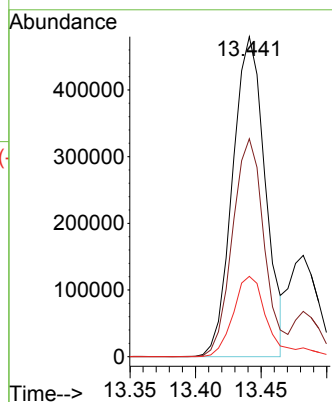
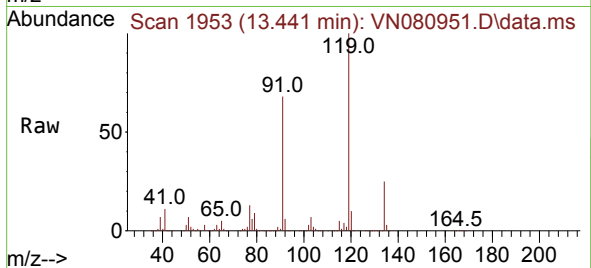
Tgt Ion:119 Resp: 830766

Ion Ratio Lower Upper

119 100

91 66.8 36.8 110.4

134 26.7 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 48.966 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080951.D

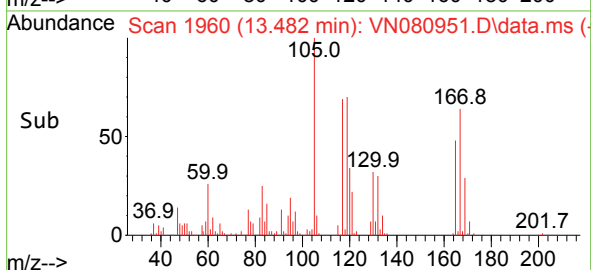
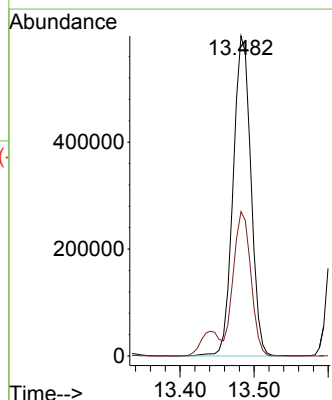
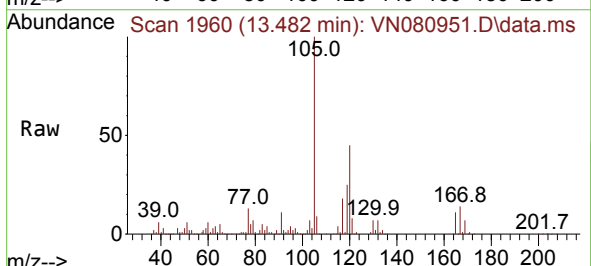
Acq: 08 Feb 2024 09:48

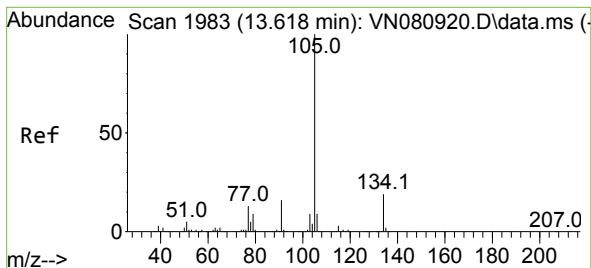
Tgt Ion:105 Resp: 994864

Ion Ratio Lower Upper

105 100

120 44.5 20.9 62.7





#85

sec-Butylbenzene

Concen: 48.556 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

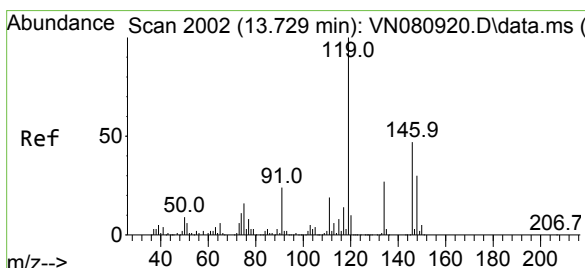
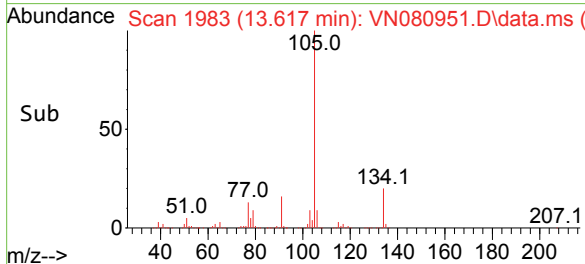
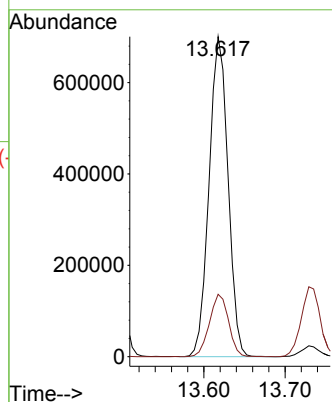
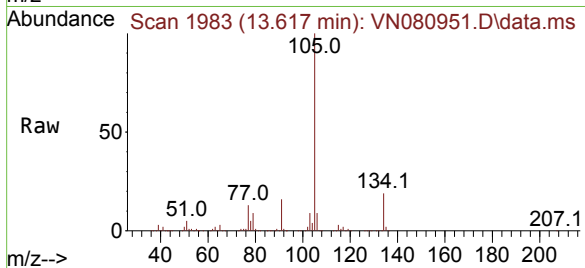
ClientSampleId :

Tgt Ion:105 Resp: 1134549

Ion Ratio Lower Upper

105 100

134 19.7 8.6 25.8



#86

p-Isopropyltoluene

Concen: 48.061 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

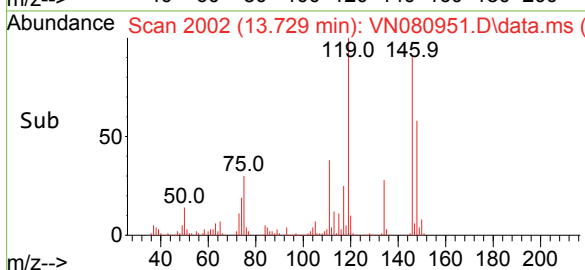
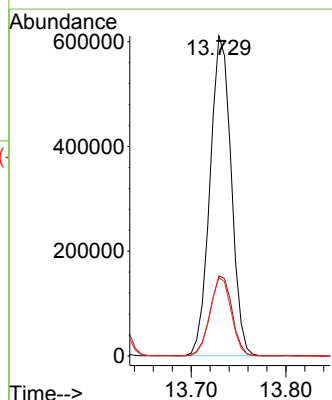
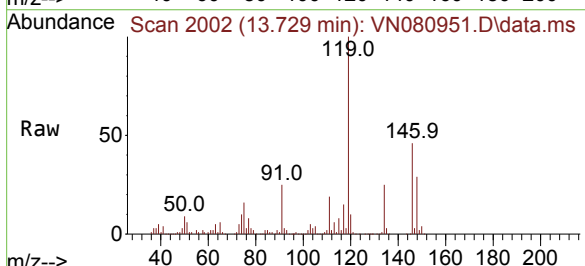
Tgt Ion:119 Resp: 949026

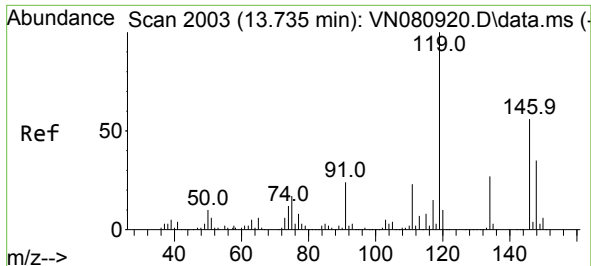
Ion Ratio Lower Upper

119 100

134 25.9 12.4 37.2

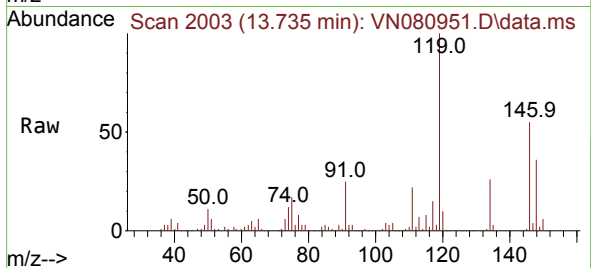
91 24.5 13.5 40.4



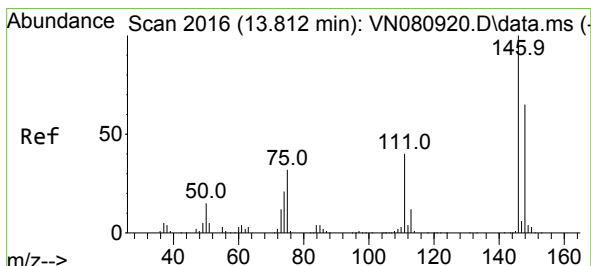
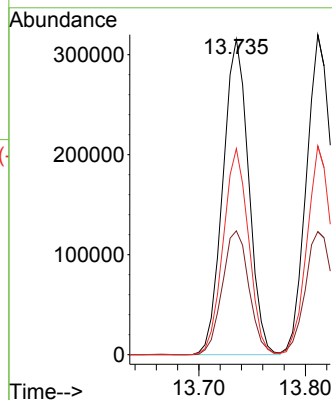
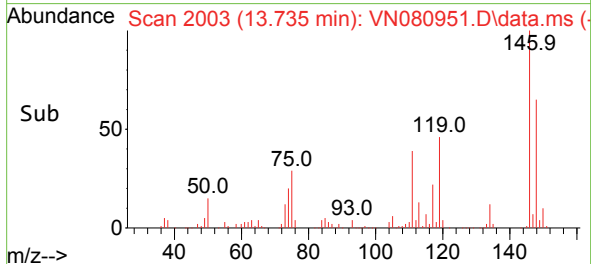


#87  
1,3-Dichlorobenzene  
Concen: 46.925 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

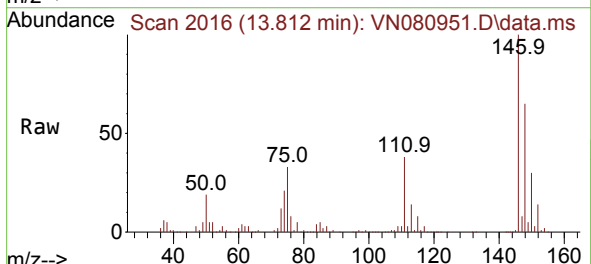
Instrument :  
MSVOA\_N  
ClientSampleId :



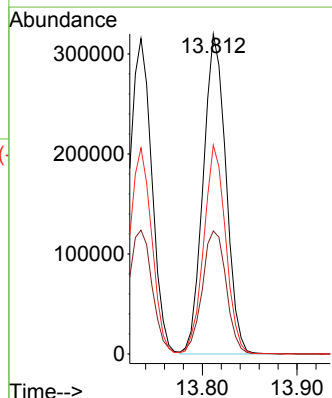
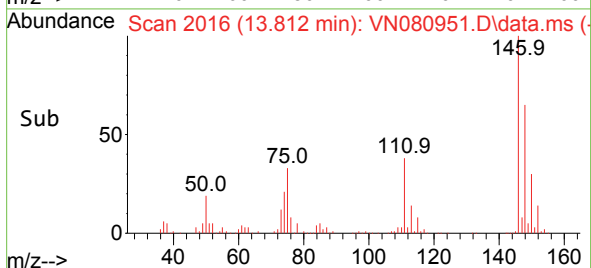
Tgt Ion:146 Resp: 529194  
Ion Ratio Lower Upper  
146 100  
111 40.8 23.9 71.7  
148 64.3 32.6 97.7



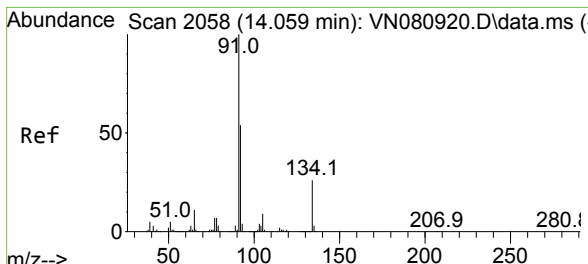
#88  
1,4-Dichlorobenzene  
Concen: 46.691 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48



Tgt Ion:146 Resp: 534360  
Ion Ratio Lower Upper  
146 100  
111 40.8 22.6 67.7  
148 63.0 31.9 95.5



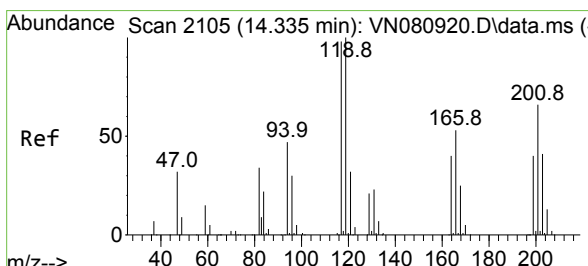
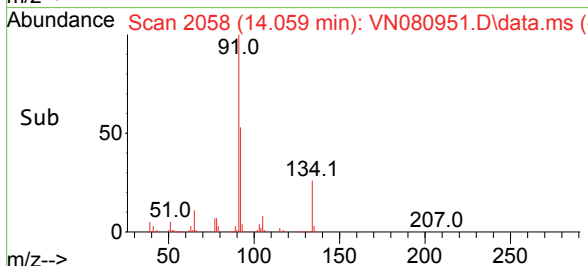
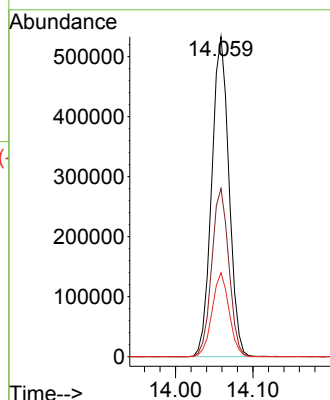
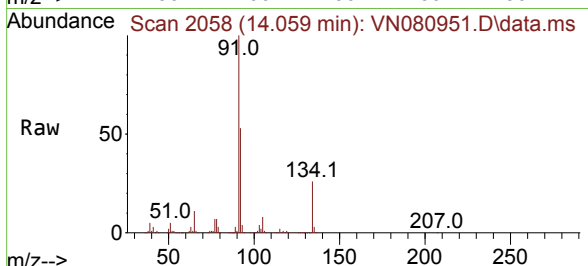




#89  
n-Butylbenzene  
Concen: 47.263 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

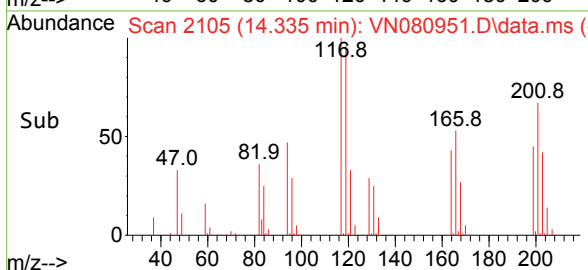
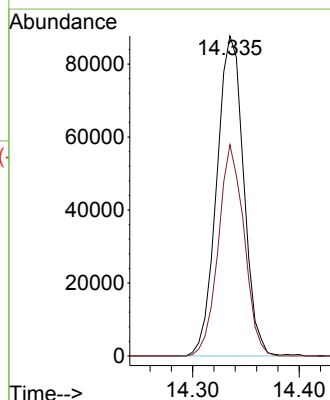
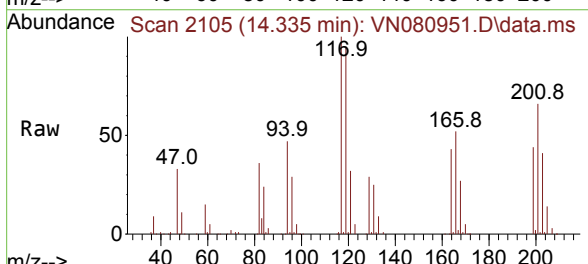
Instrument :  
MSVOA\_N  
ClientSampleId :

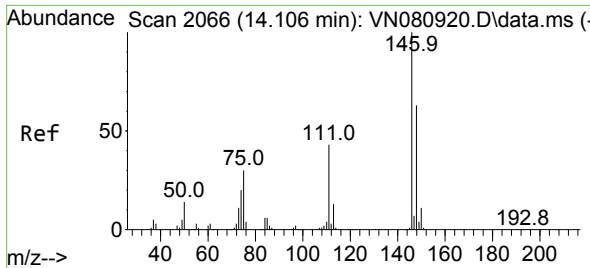
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 824403 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 52.2  | 26.7  | 80.1   |
| 134      | 25.8  | 10.8  | 32.4   |



#90  
Hexachloroethane  
Concen: 49.363 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 153698 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 63.3  | 30.0  | 90.0   |

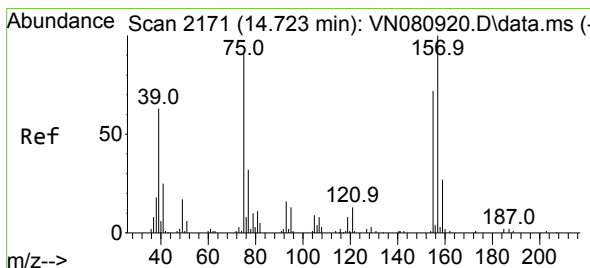
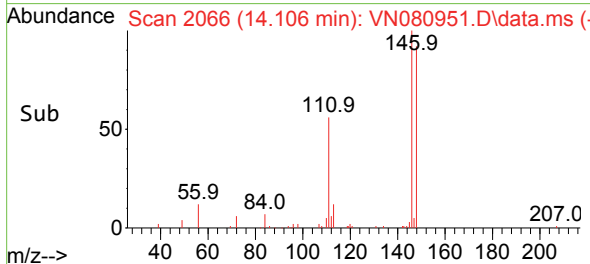
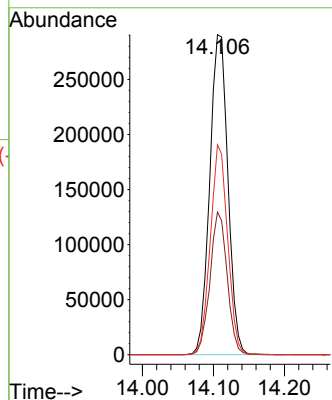
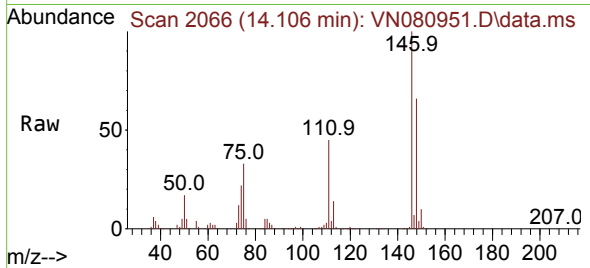




#91  
1,2-Dichlorobenzene  
Concen: 47.815 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

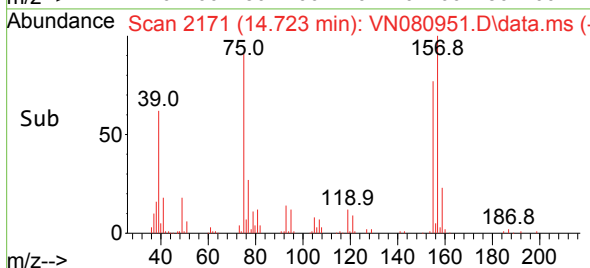
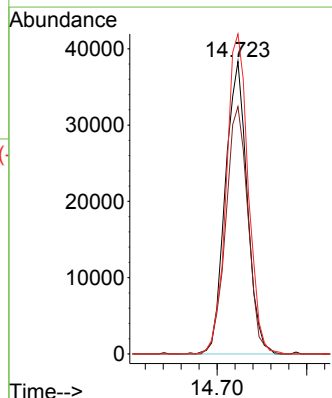
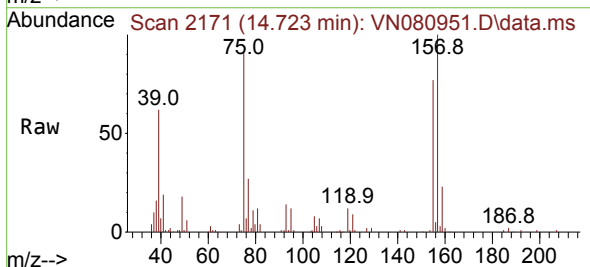
Instrument :  
MSVOA\_N  
ClientSampleId :

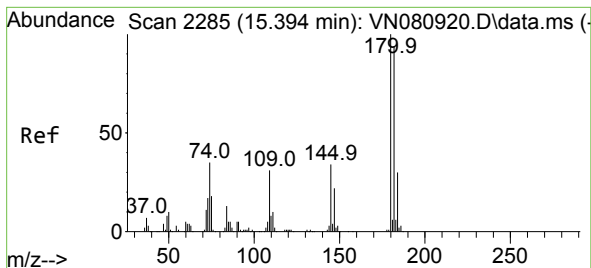
Tgt Ion:146 Resp: 516621  
Ion Ratio Lower Upper  
146 100  
111 42.2 23.9 71.8  
148 62.8 31.4 94.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 44.438 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. -0.000 min  
Lab File: VN080951.D  
Acq: 08 Feb 2024 09:48

Tgt Ion: 75 Resp: 64895  
Ion Ratio Lower Upper  
75 100  
155 85.7 31.8 95.4  
157 109.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 47.229 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

Instrument :

MSVOA\_N

ClientSampleId :

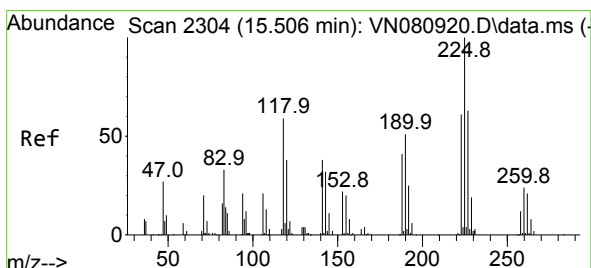
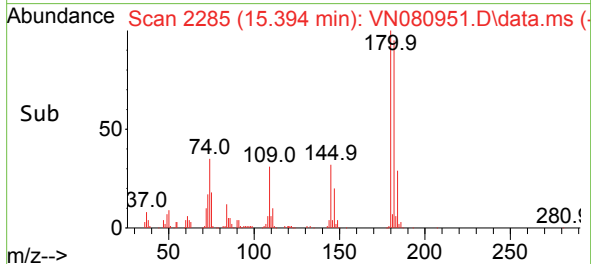
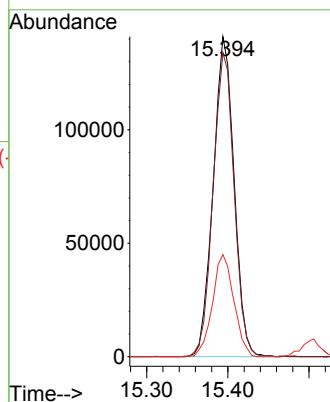
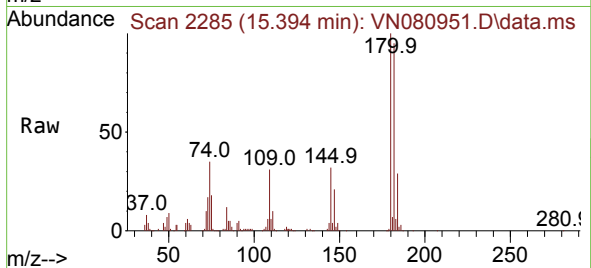
Tgt Ion:180 Resp: 252420

Ion Ratio Lower Upper

180 100

182 95.6 46.6 139.7

145 32.7 16.8 50.3



#94

Hexachlorobutadiene

Concen: 47.011 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN080951.D

Acq: 08 Feb 2024 09:48

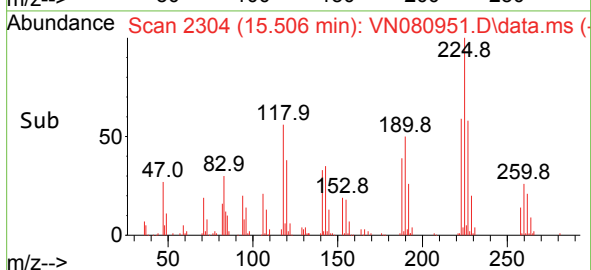
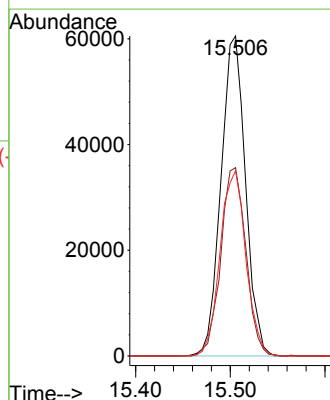
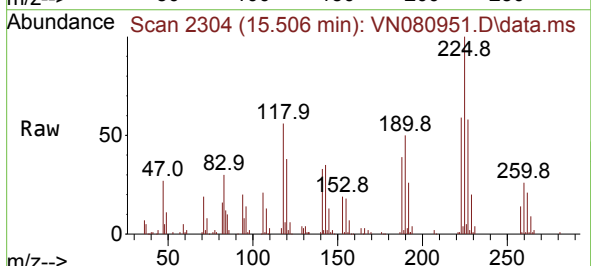
Tgt Ion:225 Resp: 108931

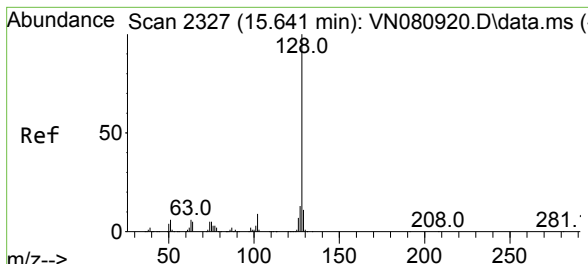
Ion Ratio Lower Upper

225 100

223 60.3 33.3 99.8

227 60.7 33.1 99.2

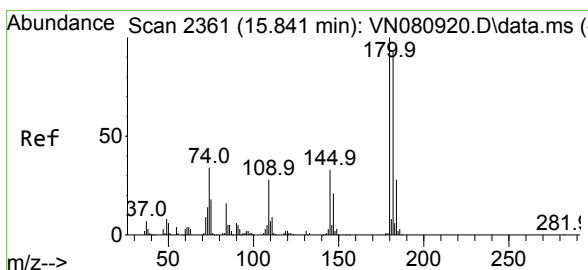
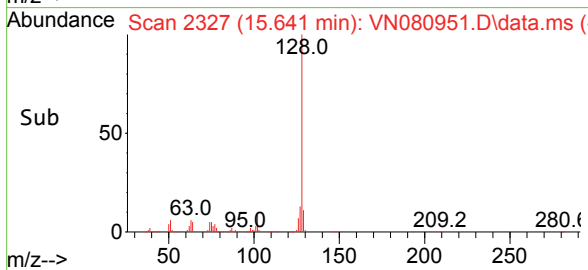
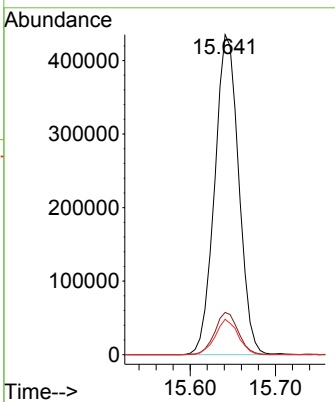
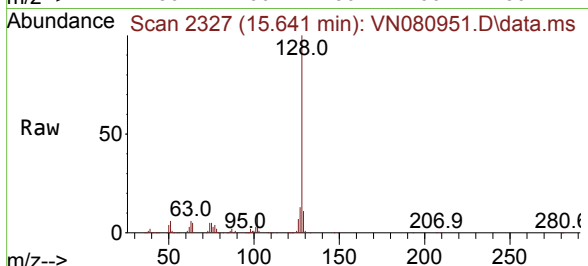




#95  
 Naphthalene  
 Concen: 48.194 ug/l  
 RT: 15.641 min Scan# 2327  
 Delta R.T. -0.000 min  
 Lab File: VN080951.D  
 Acq: 08 Feb 2024 09:48

Instrument : MSVOA\_N  
 ClientSampleId :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 850466 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.0  | 15.0   |
| 129       | 10.6  | 8.7   | 13.1   |



#96  
 1,2,3-Trichlorobenzene  
 Concen: 46.394 ug/l  
 RT: 15.841 min Scan# 2361  
 Delta R.T. -0.000 min  
 Lab File: VN080951.D  
 Acq: 08 Feb 2024 09:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 244074 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.8  | 46.5  | 139.3  |
| 145       | 34.8  | 17.8  | 53.4   |

