

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020924\  
 Data File : VN080978.D  
 Acq On : 09 Feb 2024 09:36  
 Operator : JC\MD  
 Sample : VSTDIC150  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 10 01:34:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N020924W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Feb 10 01:30:36 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Bromochloromethane        | 7.818  | 128   | 77657    | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.100  | 114   | 468685   | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5         | 11.870 | 117   | 445898   | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 8.577  | 65    | 180872   | 30.997   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 103.333% |          |
| 60) 4-Bromofluorobenzene     | 12.853 | 95    | 214114   | 31.410   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 104.700% |          |
| 63) Toluene-d8               | 10.571 | 98    | 593568   | 29.663   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 98.867%  |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 883612   | 167.343  | ug/l       | 98       |
| 3) Chloromethane             | 2.359  | 50    | 894497   | 168.572  | ug/l       | 96       |
| 4) Vinyl Chloride            | 2.512  | 62    | 1135180  | 179.430  | ug/l       | 99       |
| 5) Bromomethane              | 2.924  | 94    | 697275   | 164.085  | ug/l       | 96       |
| 6) Chloroethane              | 3.106  | 64    | 751624   | 182.252  | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 3.489  | 101   | 1396374  | 167.612  | ug/l       | 99       |
| 8) Diethyl Ether             | 3.959  | 74    | 500273   | 170.850  | ug/l       | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365  | 101   | 760699   | 168.326  | ug/l       | 94       |
| 10) 1,1-Dichloroethene       | 4.336  | 96    | 774187   | 174.700  | ug/l       | 95       |
| 11) Methyl Iodide            | 4.583  | 142   | 827416   | 174.334  | ug/l       | 92       |
| 12) Methyl Acetate           | 5.242  | 43    | 956      | 0.239    | ug/l       | 90       |
| 13) Acrolein                 | 4.171  | 56    | 698502   | 797.600  | ug/l       | 100      |
| 14) Acrylonitrile            | 5.718  | 53    | 1796600  | 900.016  | ug/l       | 97       |
| 15) Acetone                  | 4.424  | 58    | 366854   | 799.696  | ug/l       | 90       |
| 16) Carbon Disulfide         | 4.712  | 76    | 2167544  | 178.221  | ug/l #     | 95       |
| 17) Allyl chloride           | 5.018  | 41    | 956489   | 171.856  | ug/l       | 93       |
| 18) Methylene Chloride       | 5.271  | 84    | 880839   | 173.802  | ug/l       | 98       |
| 19) trans-1,2-Dichloroethene | 5.783  | 96    | 901835   | 179.260  | ug/l       | 90       |
| 20) Diisopropyl ether        | 6.671  | 45    | 2504600  | 187.232  | ug/l       | 95       |
| 21) 1,1-Dichloroethane       | 6.565  | 63    | 1550372  | 180.848  | ug/l       | 98       |
| 22) cis-1,2-Dichloroethene   | 7.488  | 96    | 1067491  | 182.616  | ug/l       | 94       |
| 23) tert-Butyl Alcohol       | 5.518  | 59    | 624774   | 860.043  | ug/l #     | 100      |
| 24) Methyl tert-Butyl Ether  | 5.794  | 73    | 2661897  | 181.189  | ug/l       | 97       |
| 25) Chloroform               | 7.965  | 83    | 1725563  | 181.432  | ug/l       | 99       |
| 26) Cyclohexane              | 8.259  | 56    | 1153106  | 178.629  | ug/l       | 89       |
| 29) 1,1-Dichloropropene      | 8.371  | 75    | 1248094  | 178.775  | ug/l       | 98       |
| 30) 2-Butanone               | 7.483  | 43    | 2171713  | 847.848  | ug/l       | 98       |
| 31) 2,2-Dichloropropane      | 7.488  | 77    | 1468338  | 184.726  | ug/l       | 100      |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 1543416  | 175.740  | ug/l       | 99       |
| 33) Carbon Tetrachloride     | 8.365  | 117   | 1335177  | 180.440  | ug/l       | 99       |
| 34) Benzene                  | 8.606  | 78    | 3734050  | 175.026  | ug/l       | 99       |
| 35) Methacrylonitrile        | 7.777  | 41    | 534564   | 177.557  | ug/l       | 94       |
| 36) 1,2-Dichloroethane       | 8.671  | 62    | 1238403  | 172.964  | ug/l       | 100      |
| 37) Trichloroethene          | 9.353  | 130   | 983931   | 173.467  | ug/l       | 98       |
| 38) Methylcyclohexane        | 9.606  | 83    | 1254366  | 180.038  | ug/l       | 94       |
| 39) 1,2-Dichloropropane      | 9.624  | 63    | 898596   | 177.575  | ug/l       | 100      |
| 40) Dibromomethane           | 9.706  | 93    | 682407   | 177.250  | ug/l       | 96       |
| 41) Bromodichloromethane     | 9.888  | 83    | 1367075  | 181.434  | ug/l       | 96       |
| 42) Vinyl Acetate            | 6.600  | 43    | 9933375  | 902.576  | ug/l       | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020924\  
 Data File : VN080978.D  
 Acq On : 09 Feb 2024 09:36  
 Operator : JC\MD  
 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 10 01:34:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N020924W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Feb 10 01:30:36 2024  
 Response via : Initial Calibration

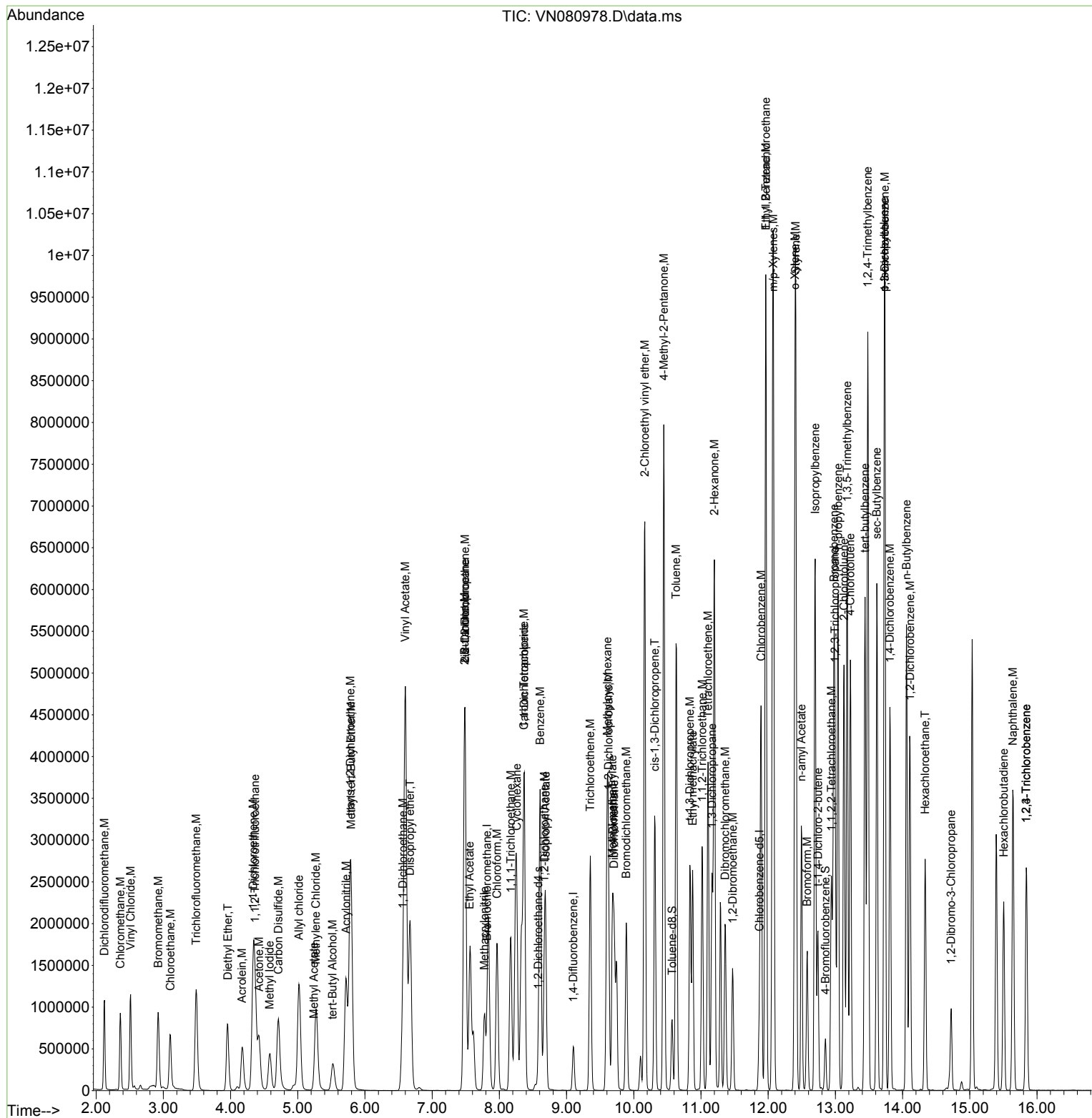
| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 43) Ethyl Acetate             | 7.559  | 43   | 951551   | 174.428  | ug/l   | 100      |
| 44) Isopropyl Acetate         | 8.688  | 43   | 1671657  | 174.385  | ug/l   | 97       |
| 45) 1,4-Dioxane               | 9.694  | 88   | 307321   | 3399.667 | ug/l   | 93       |
| 46) Methyl methacrylate       | 9.682  | 41   | 763373   | 174.040  | ug/l   | 91       |
| 47) n-amyl Acetate            | 12.494 | 43   | 1594491  | 190.728  | ug/l   | 92       |
| 48) t-1,3-Dichloropropene     | 10.835 | 75   | 1524285  | 193.024  | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene   | 10.312 | 75   | 1599266  | 186.899  | ug/l   | 92       |
| 50) 1,1,2-Trichloroethane     | 11.018 | 97   | 948774   | 178.104  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 10.876 | 69   | 1387159  | 186.313  | ug/l   | 91       |
| 52) 1,3-Dichloropropane       | 11.165 | 76   | 1566272  | 178.049  | ug/l   | 100      |
| 53) Dibromochloromethane      | 11.359 | 129  | 1096211  | 188.800  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 11.470 | 107  | 998851   | 181.241  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 10.165 | 63   | 3126378  | 819.406  | ug/l   | 98       |
| 56) Bromoform                 | 12.582 | 173  | 744623   | 201.366  | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone      | 10.447 | 43   | 4943851  | 854.009  | ug/l   | 95       |
| 59) 2-Hexanone                | 11.200 | 43   | 3793208  | 890.884  | ug/l   | 95       |
| 61) Tetrachloroethene         | 11.106 | 164  | 869338   | 170.678  | ug/l   | 94       |
| 62) Toluene                   | 10.629 | 91   | 4241540  | 173.652  | ug/l   | 100      |
| 64) Chlorobenzene             | 11.894 | 112  | 2625274  | 175.488  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 994435   | 179.205  | ug/l   | 98       |
| 66) Ethyl Benzene             | 11.965 | 91   | 4630581  | 180.304  | ug/l   | 98       |
| 67) m/p-Xylenes               | 12.076 | 106  | 3649258  | 361.826  | ug/l   | 93       |
| 68) o-Xylene                  | 12.400 | 106  | 1802895  | 182.407  | ug/l   | 94       |
| 69) Styrene                   | 12.412 | 104  | 3088775  | 189.822  | ug/l   | 96       |
| 70) Isopropylbenzene          | 12.700 | 105  | 4369485  | 181.401  | ug/l   | 98       |
| 71) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 1250514  | 168.362  | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane    | 12.994 | 75   | 1653460  | 291.372  | ug/l   | 64       |
| 73) Bromobenzene              | 12.982 | 156  | 1084976  | 181.130  | ug/l   | 91       |
| 74) n-propylbenzene           | 13.041 | 91   | 5036170  | 183.968  | ug/l   | 97       |
| 75) 2-Chlorotoluene           | 13.129 | 91   | 3039429  | 178.852  | ug/l   | 93       |
| 76) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 3643432  | 184.864  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 12.741 | 75   | 445905   | 204.446  | ug/l   | 94       |
| 78) 4-Chlorotoluene           | 13.223 | 91   | 3097612  | 181.989  | ug/l   | 94       |
| 79) tert-butylbenzene         | 13.441 | 119  | 3006049  | 183.737  | ug/l   | 97       |
| 80) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 3648837  | 185.814  | ug/l   | 97       |
| 81) sec-Butylbenzene          | 13.617 | 105  | 4279201  | 186.776  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 13.729 | 119  | 3693934  | 192.049  | ug/l   | 97       |
| 83) 1,3-Dichlorobenzene       | 13.735 | 146  | 1989423  | 184.658  | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene       | 13.812 | 146  | 1972109  | 182.365  | ug/l   | 98       |
| 85) n-Butylbenzene            | 14.059 | 91   | 3192785  | 201.182  | ug/l   | 99       |
| 86) Hexachloroethane          | 14.335 | 117  | 602704   | 198.658  | ug/l   | 89       |
| 87) 1,2-Dichlorobenzene       | 14.112 | 146  | 1863217  | 177.634  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 241951   | 180.475  | ug/l   | 87       |
| 89) 1,2,4-Trichlorobenzene    | 15.841 | 180  | 953985   | 185.912  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 15.506 | 225  | 407733   | 181.109  | ug/l   | 100      |
| 91) Naphthalene               | 15.641 | 128  | 3404543  | 186.856  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 953985   | 185.912  | ug/l   | 99       |

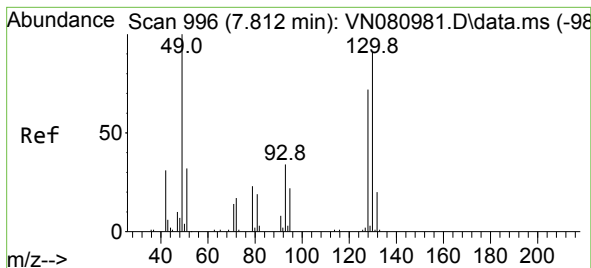
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020924\  
Data File : VN080978.D  
Acq On : 09 Feb 2024 09:36  
Operator : JC\MD  
Sample : VSTDIC150  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Feb 10 01:34:52 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N020924W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Sat Feb 10 01:30:36 2024  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.818 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

ClientSampleId :

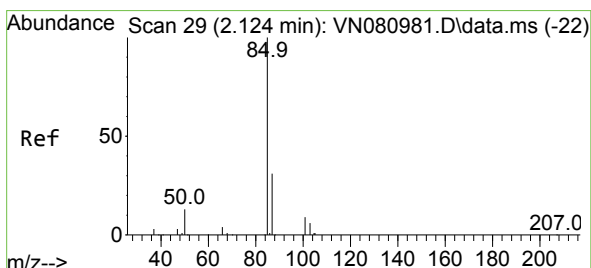
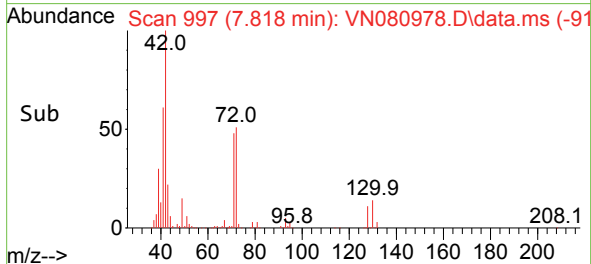
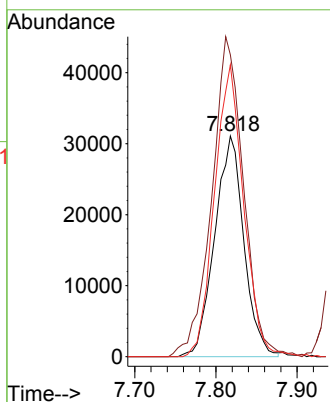
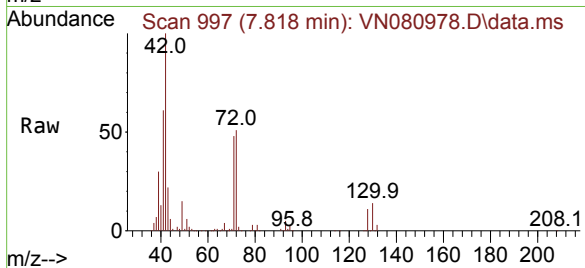
Tgt Ion:128 Resp: 77657

Ion Ratio Lower Upper

128 100

49 157.6 0.0 403.7

130 132.3 0.0 323.3



#2

Dichlorodifluoromethane

Concen: 167.343 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN080978.D

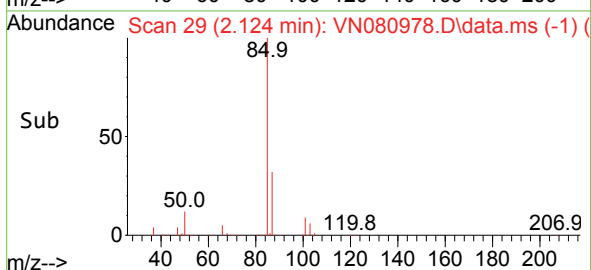
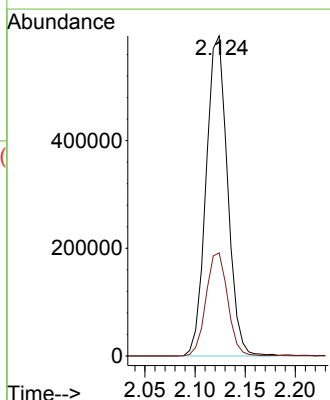
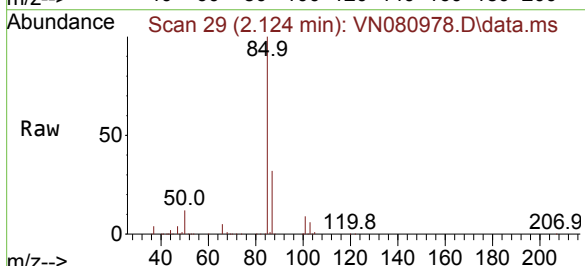
Acq: 09 Feb 2024 09:36

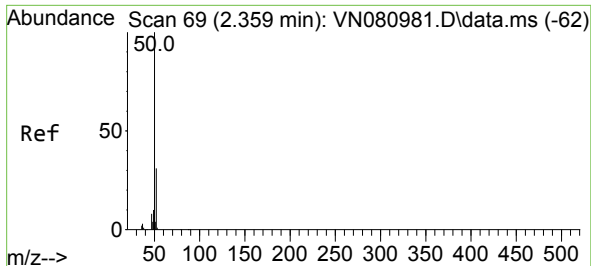
Tgt Ion: 85 Resp: 883612

Ion Ratio Lower Upper

85 100

87 32.2 16.8 50.3

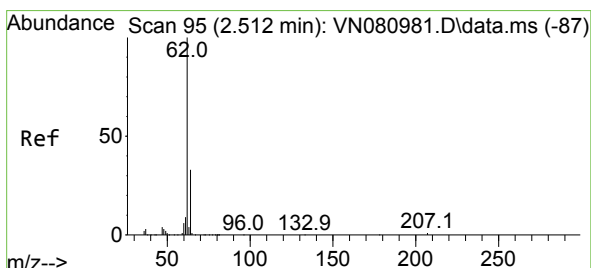
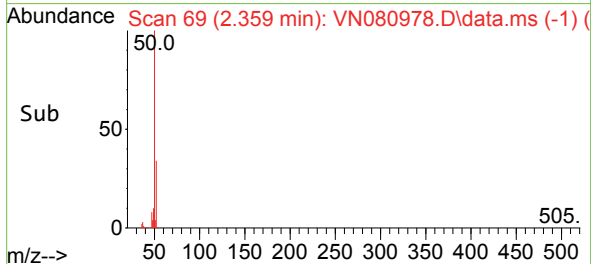
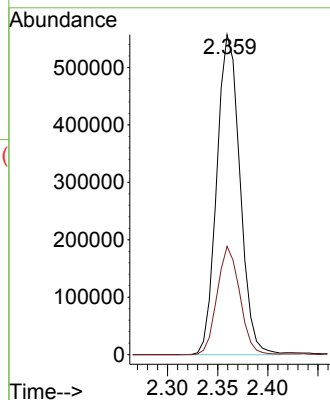
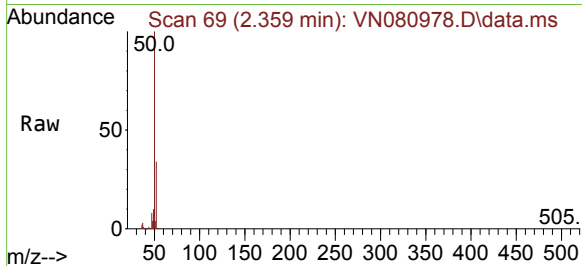




#3  
Chloromethane  
Concen: 168.572 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

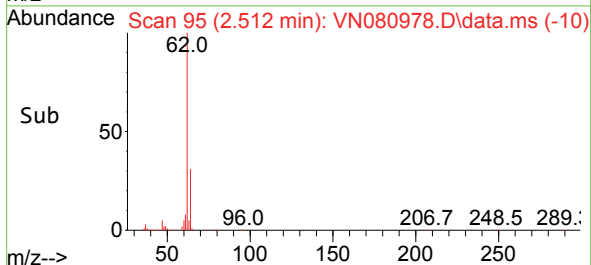
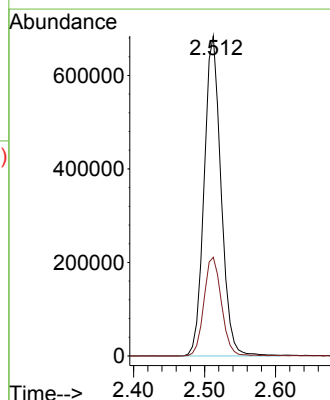
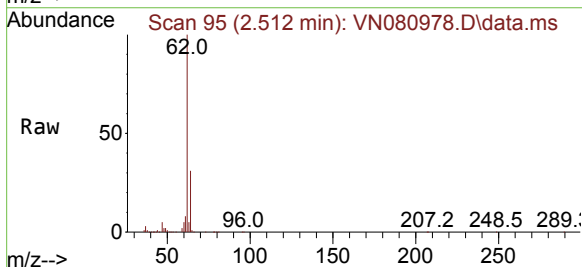
Instrument :  
MSVOA\_N  
ClientSampleId :

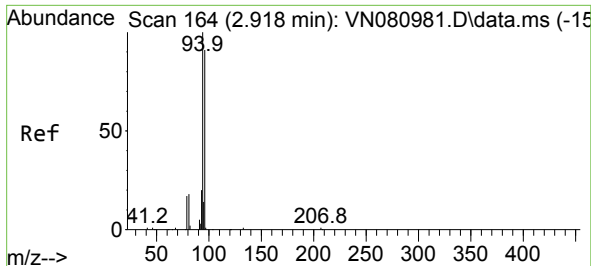
Tgt Ion: 50 Resp: 894497  
Ion Ratio Lower Upper  
50 100  
52 33.9 25.4 38.0



#4  
Vinyl Chloride  
Concen: 179.430 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 62 Resp: 1135180  
Ion Ratio Lower Upper  
62 100  
64 30.9 24.1 36.1





#5

Bromomethane

Concen: 164.085 ug/l

RT: 2.924 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

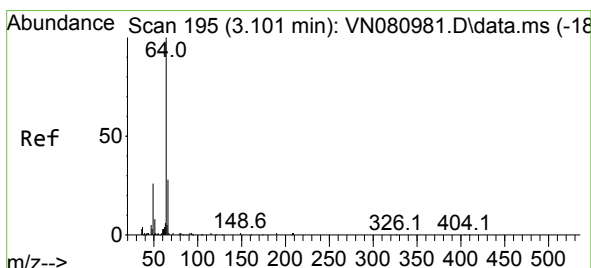
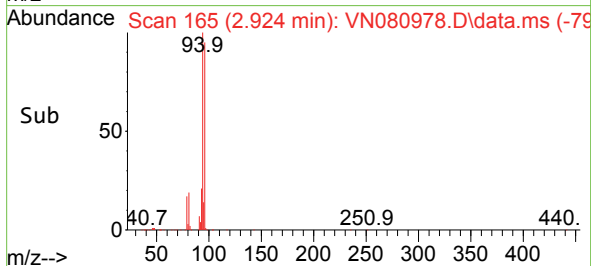
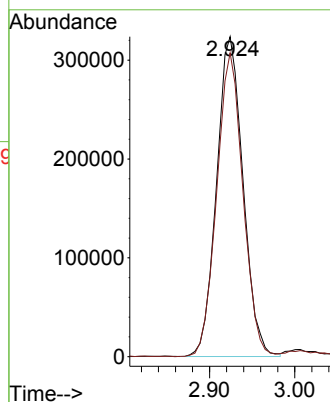
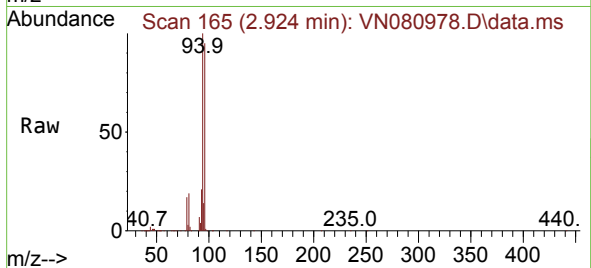
ClientSampleId :

Tgt Ion: 94 Resp: 697275

Ion Ratio Lower Upper

94 100

96 94.9 72.8 109.2



#6

Chloroethane

Concen: 182.252 ug/l

RT: 3.106 min Scan# 196

Delta R.T. 0.006 min

Lab File: VN080978.D

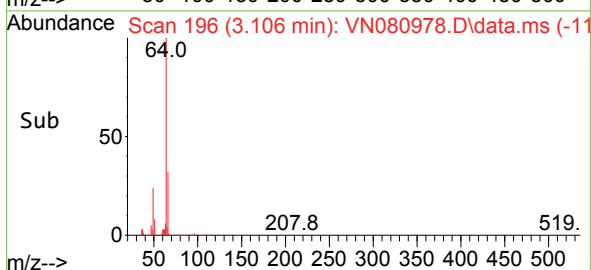
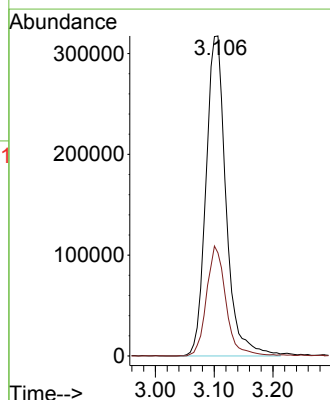
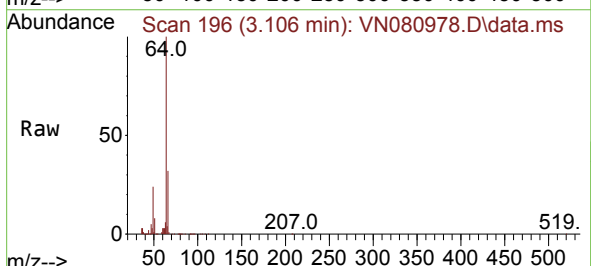
Acq: 09 Feb 2024 09:36

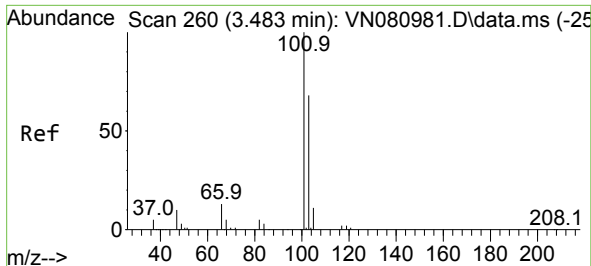
Tgt Ion: 64 Resp: 751624

Ion Ratio Lower Upper

64 100

66 32.1 26.7 40.1

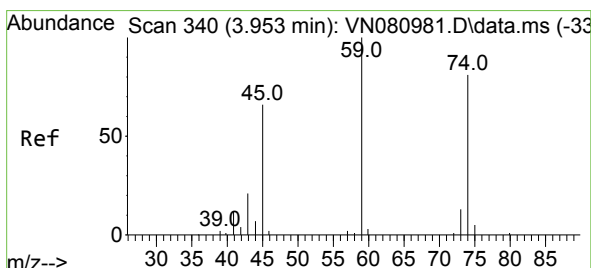
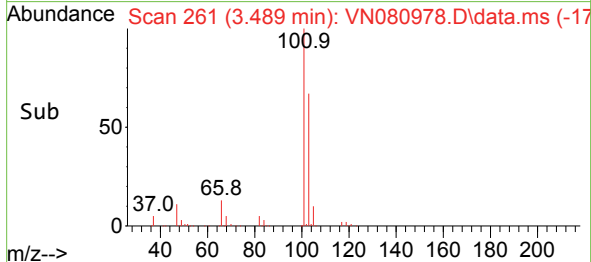
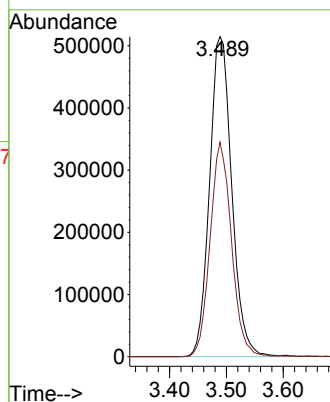
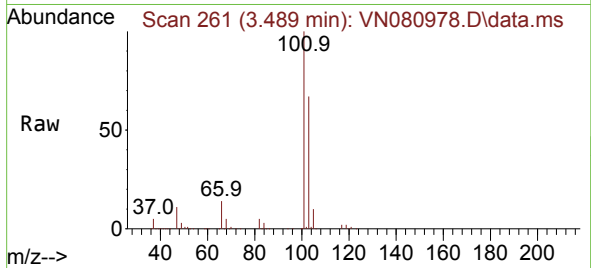




#7  
Trichlorofluoromethane  
Concen: 167.612 ug/l  
RT: 3.489 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

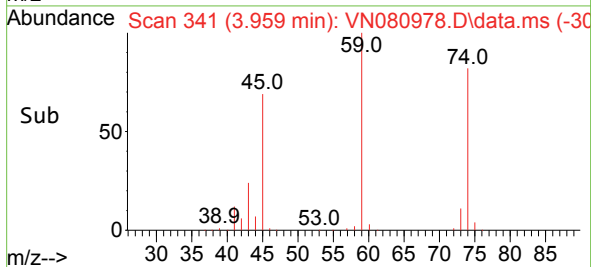
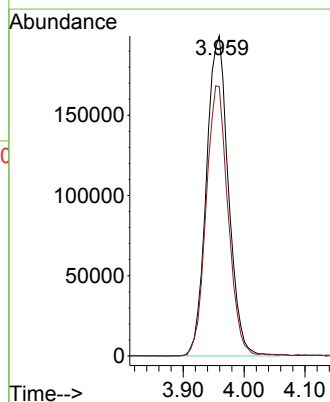
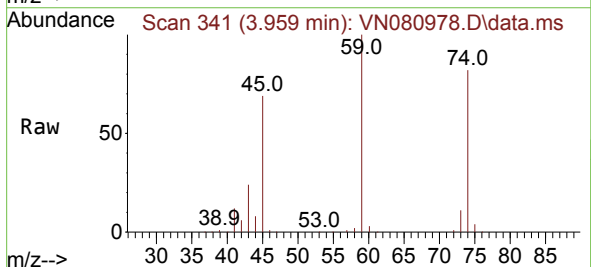
Instrument :  
MSVOA\_N  
ClientSampleId :

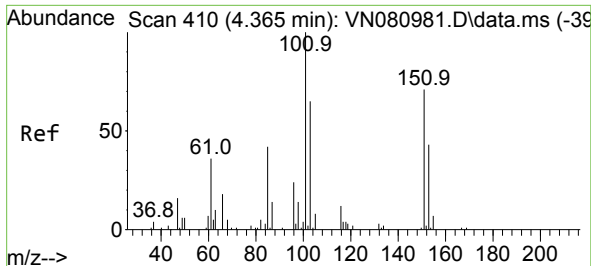
Tgt Ion:101 Resp: 1396374  
Ion Ratio Lower Upper  
101 100  
103 67.0 53.0 79.4



#8  
Diethyl Ether  
Concen: 170.850 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 74 Resp: 500273  
Ion Ratio Lower Upper  
74 100  
45 83.7 16.4 147.4

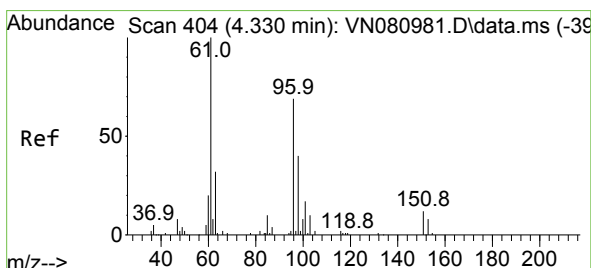
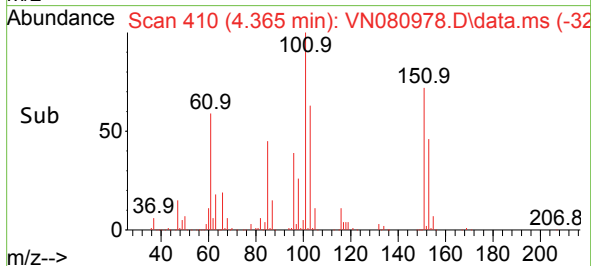
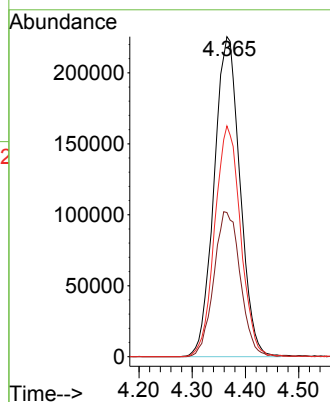
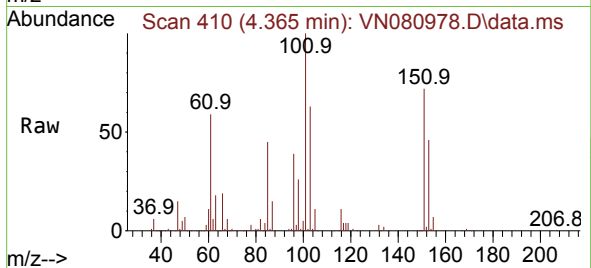




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 168.326 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

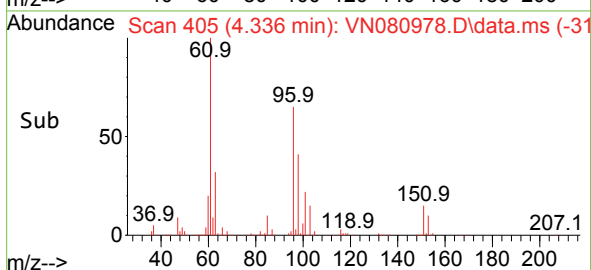
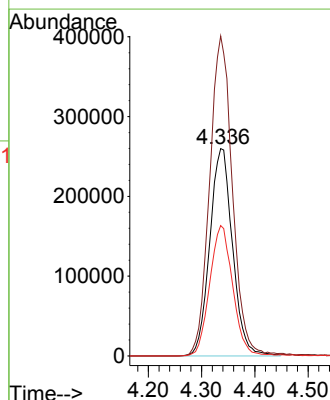
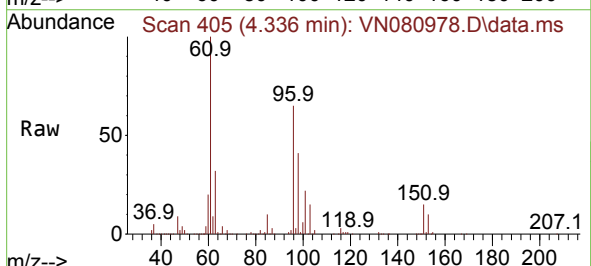
Instrument :  
MSVOA\_N  
ClientSampleId :

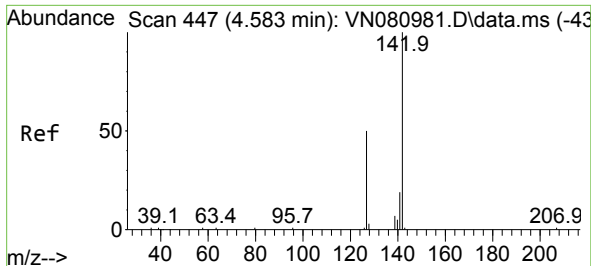
Tgt Ion:101 Resp: 760699  
Ion Ratio Lower Upper  
101 100  
85 46.3 0.0 90.6  
151 71.8 0.0 157.6



#10  
1,1-Dichloroethene  
Concen: 174.700 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. 0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

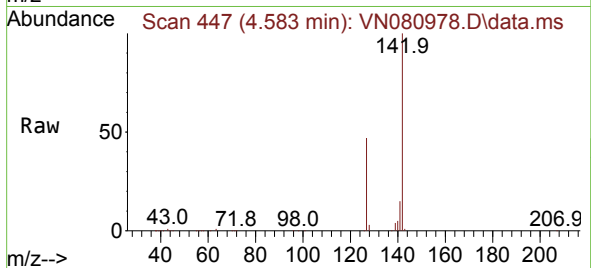
Tgt Ion: 96 Resp: 774187  
Ion Ratio Lower Upper  
96 100  
61 154.2 117.6 176.4  
98 62.9 48.4 72.6



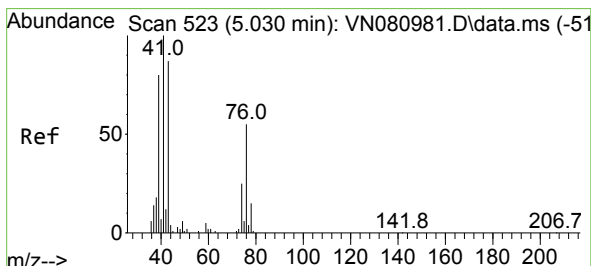
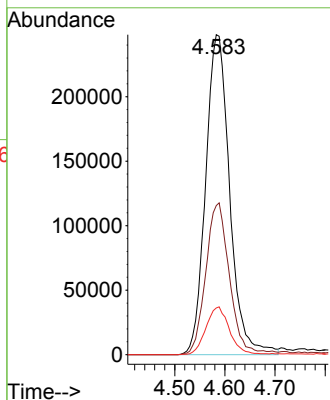
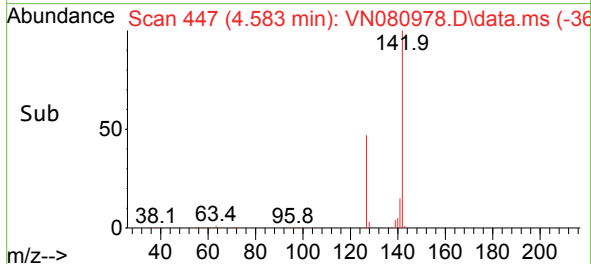


#11  
Methyl Iodide  
Concen: 174.334 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Instrument :  
MSVOA\_N  
ClientSampleId :

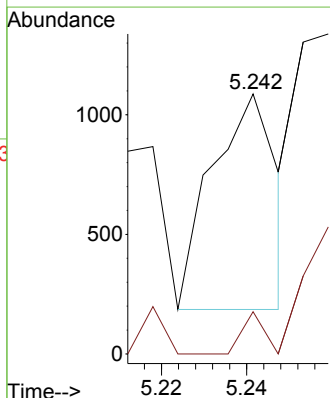
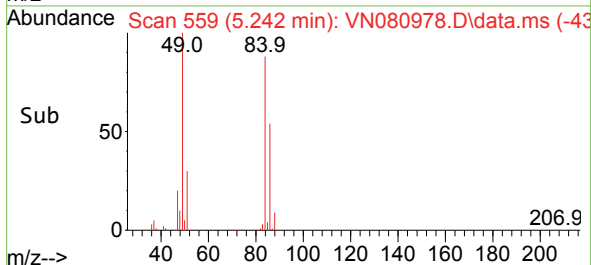
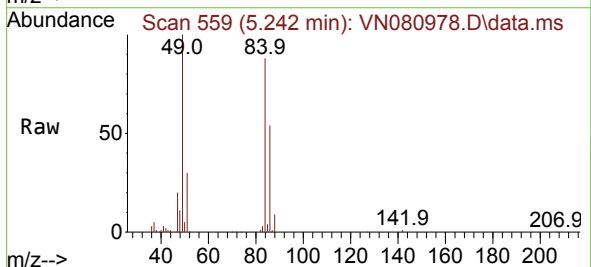


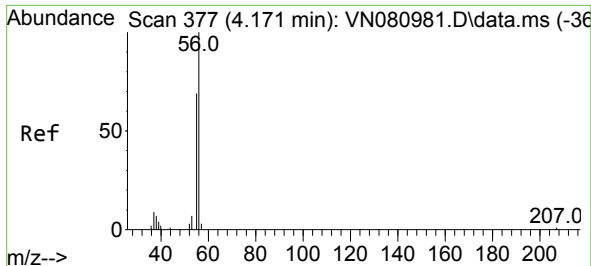
Tgt Ion:142 Resp: 827416  
Ion Ratio Lower Upper  
142 100  
127 46.6 26.3 78.9  
141 14.6 8.3 24.9



#12  
Methyl Acetate  
Concen: 0.239 ug/l  
RT: 5.242 min Scan# 559  
Delta R.T. 0.212 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 43 Resp: 956  
Ion Ratio Lower Upper  
43 100  
74 28.9 27.7 41.5





#13

Acrolein

Concen: 797.600 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

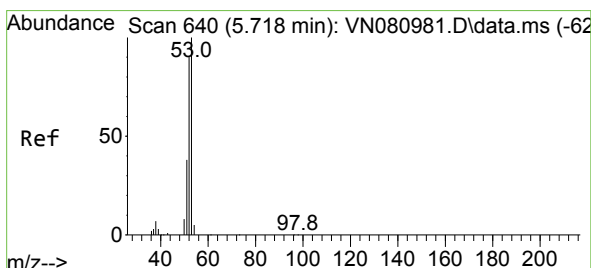
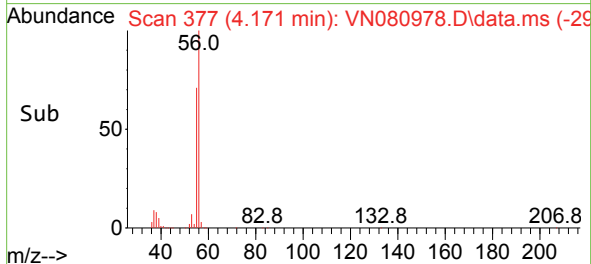
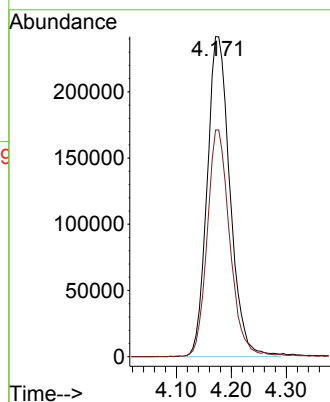
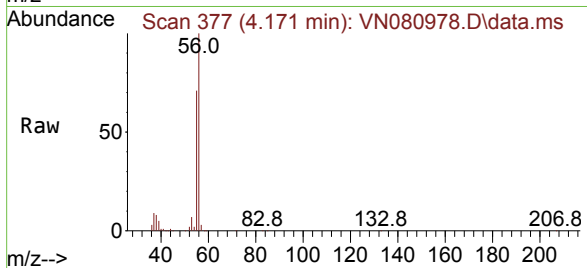
ClientSampleId :

Tgt Ion: 56 Resp: 698502

Ion Ratio Lower Upper

56 100

55 69.1 55.5 83.3



#14

Acrylonitrile

Concen: 900.016 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

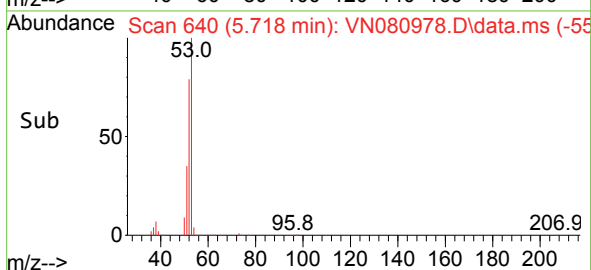
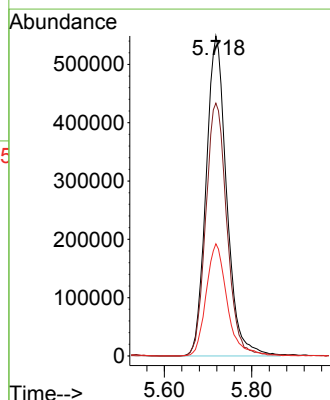
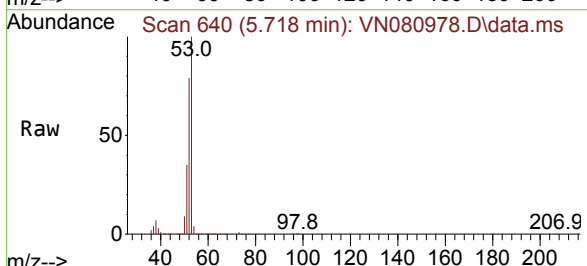
Tgt Ion: 53 Resp: 1796600

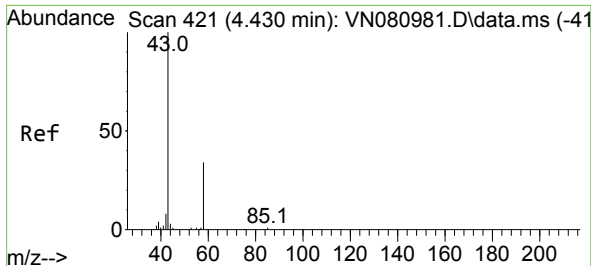
Ion Ratio Lower Upper

53 100

52 80.8 41.3 123.9

51 35.8 16.8 50.3

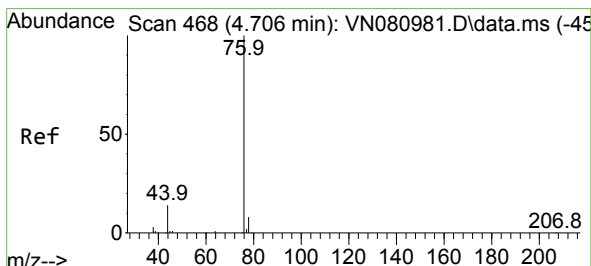
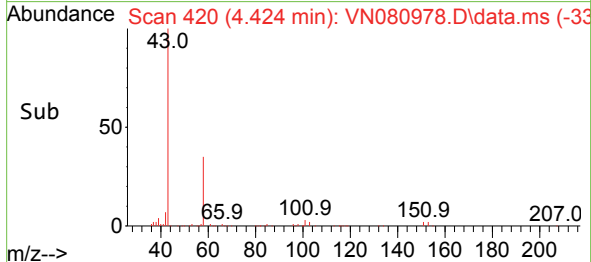
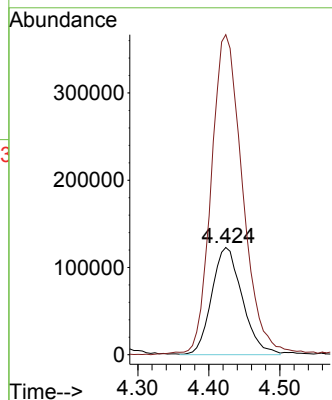
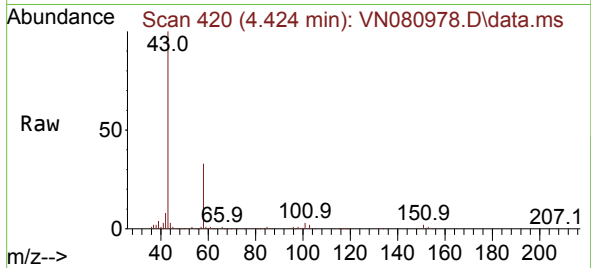




#15  
Acetone  
Concen: 799.696 ug/l  
RT: 4.424 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

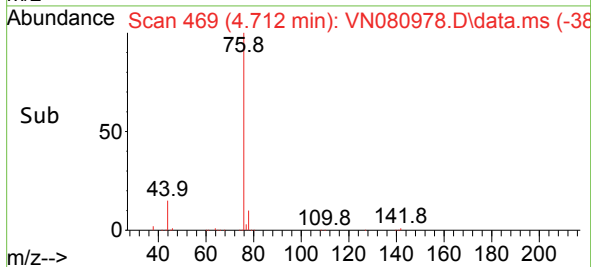
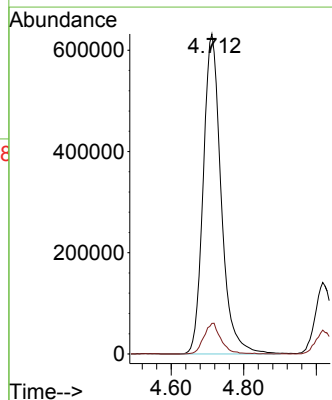
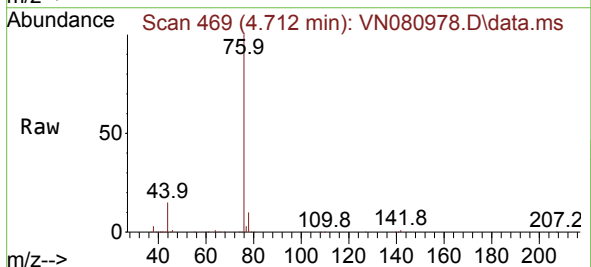
Instrument :  
MSVOA\_N  
ClientSampleId :

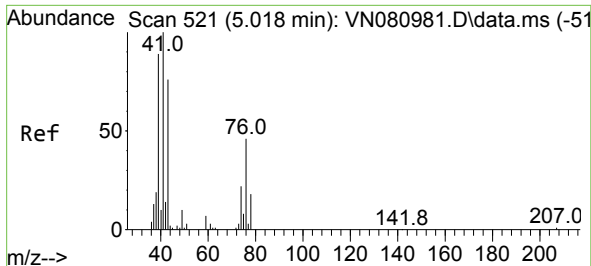
Tgt Ion: 58 Resp: 366854  
Ion Ratio Lower Upper  
58 100  
43 297.8 223.1 334.7



#16  
Carbon Disulfide  
Concen: 178.221 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

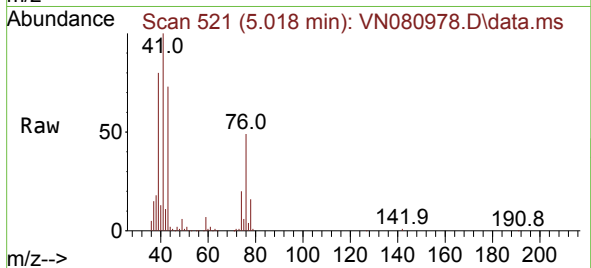
Tgt Ion: 76 Resp: 2167544  
Ion Ratio Lower Upper  
76 100  
78 9.6 6.3 9.5#



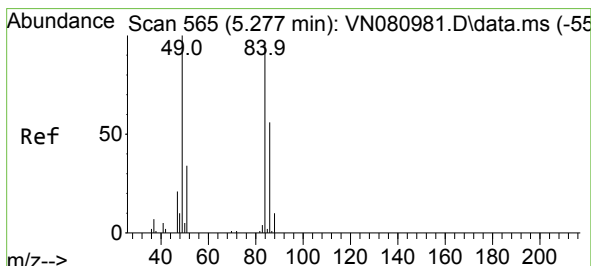
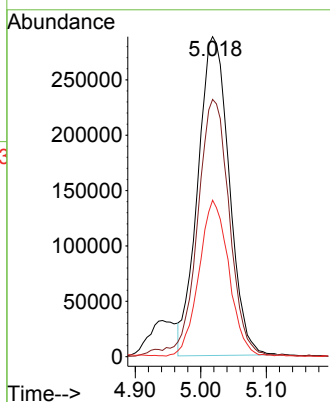
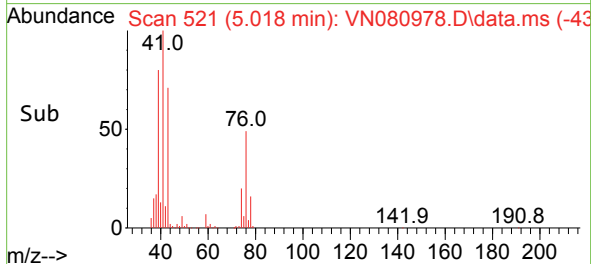


#17  
Allyl chloride  
Concen: 171.856 ug/l  
RT: 5.018 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Instrument :  
MSVOA\_N  
ClientSampleId :

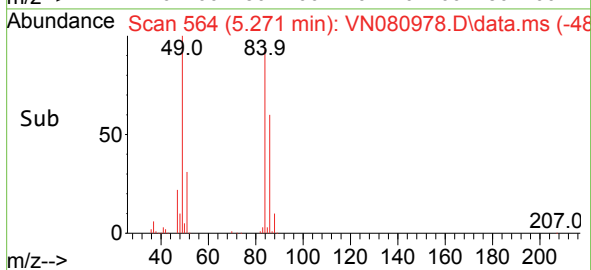
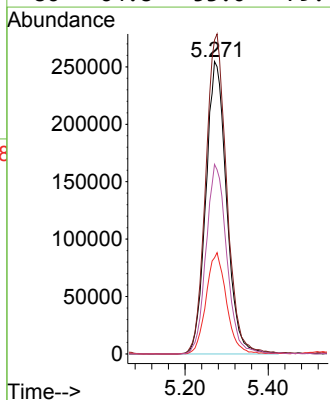
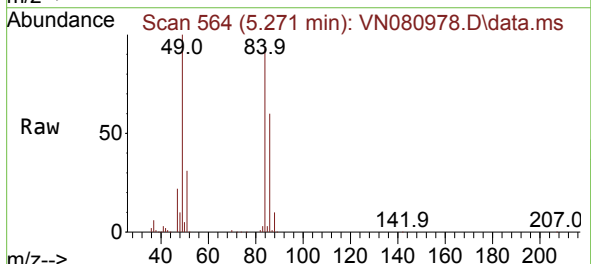


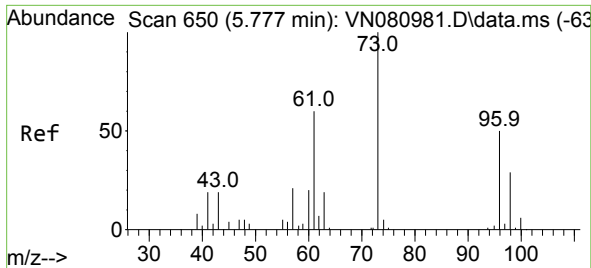
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 956489 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 80.4  | 37.6  | 112.9  |
| 76        | 48.7  | 27.8  | 83.4   |



#18  
Methylene Chloride  
Concen: 173.802 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 84    | Resp: | 880839 |
| Ion Ratio | Lower | Upper |        |
| 84        | 100   |       |        |
| 49        | 107.4 | 86.0  | 129.0  |
| 51        | 32.9  | 30.0  | 45.0   |
| 86        | 64.8  | 53.0  | 79.4   |

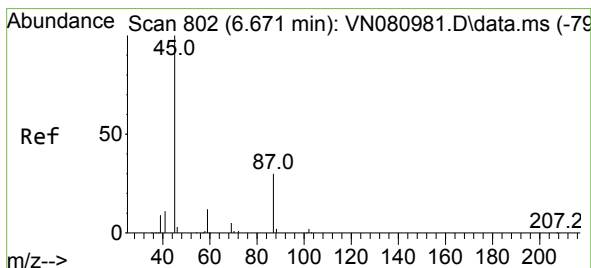
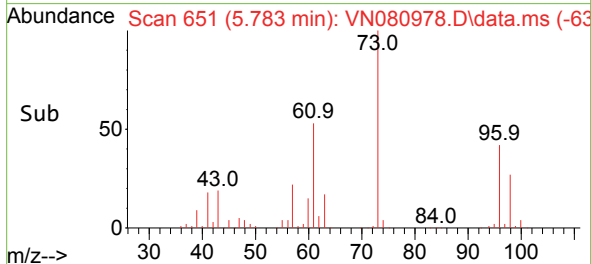
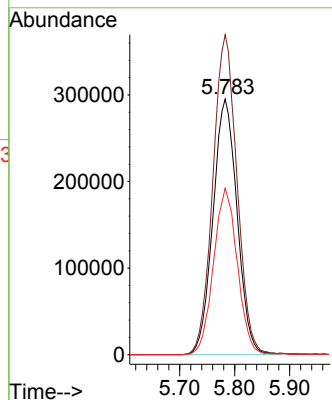
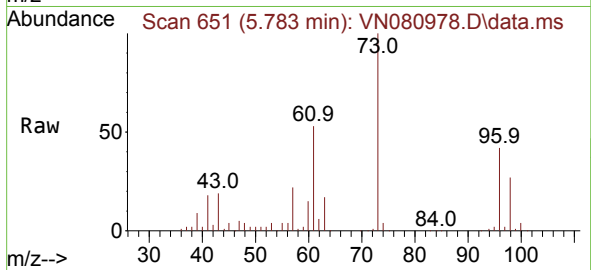




#19  
trans-1,2-Dichloroethene  
Concen: 179.260 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

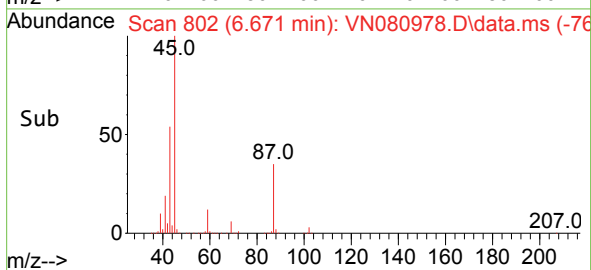
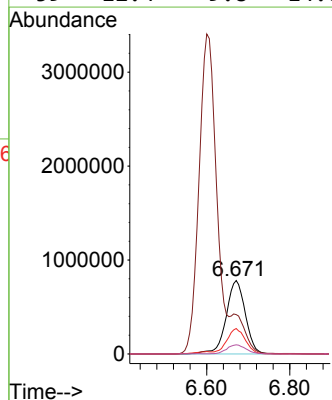
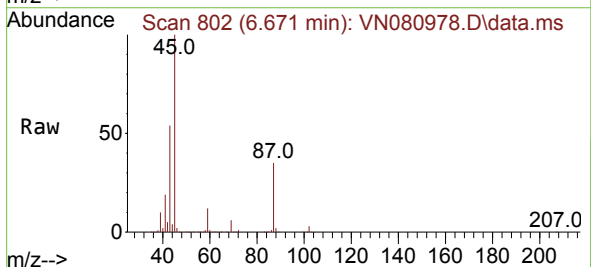
Instrument :  
MSVOA\_N  
ClientSampleId :

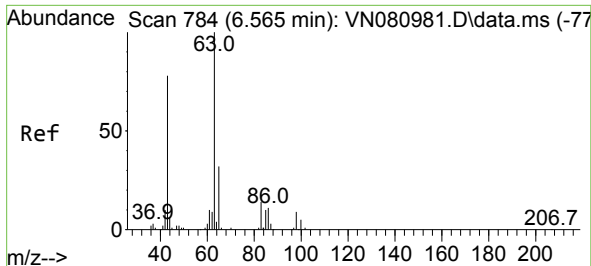
Tgt Ion: 96 Resp: 901835  
Ion Ratio Lower Upper  
96 100  
61 125.2 111.8 167.6  
98 65.2 49.2 73.8



#20  
Diisopropyl ether  
Concen: 187.232 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 45 Resp: 2504600  
Ion Ratio Lower Upper  
45 100  
43 53.2 40.4 60.6  
87 34.5 23.8 35.8  
59 12.4 9.8 14.6





#21

1,1-Dichloroethane

Concen: 180.848 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

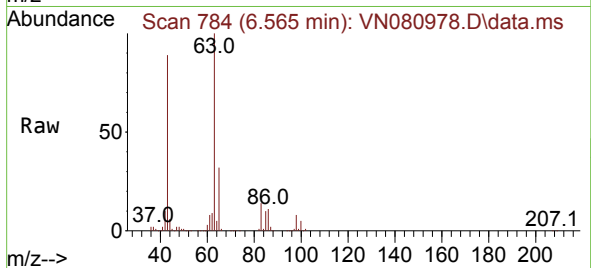
Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

ClientSampleId :



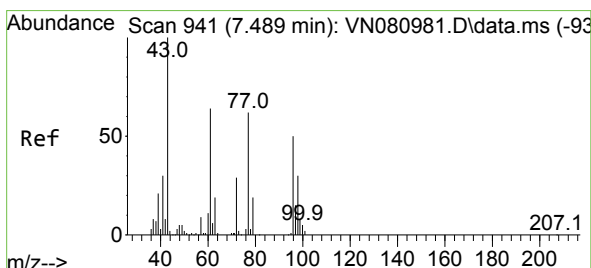
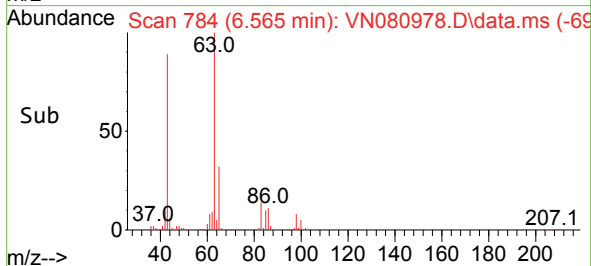
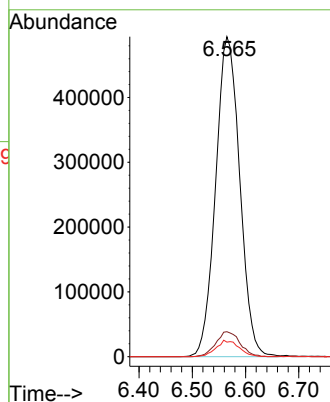
Tgt Ion: 63 Resp: 1550372

Ion Ratio Lower Upper

63 100

98 7.8 4.1 12.3

100 4.6 3.0 9.0



#22

cis-1,2-Dichloroethene

Concen: 182.616 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

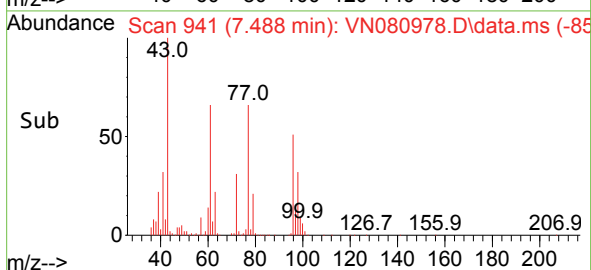
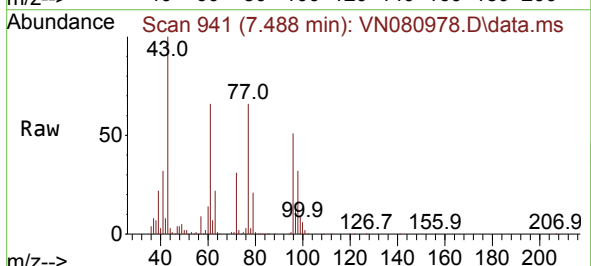
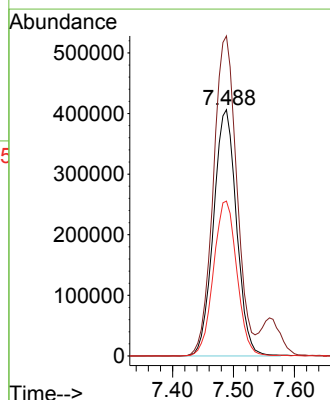
Tgt Ion: 96 Resp: 1067491

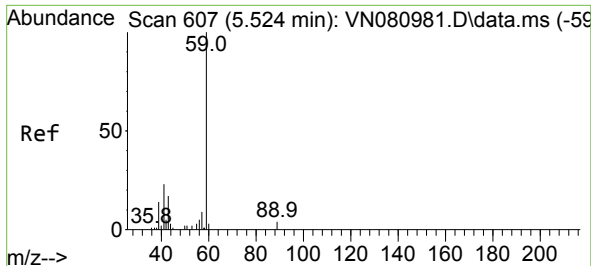
Ion Ratio Lower Upper

96 100

61 132.3 113.5 170.3

98 63.9 52.0 78.0

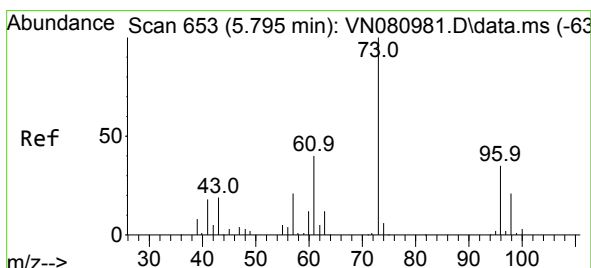
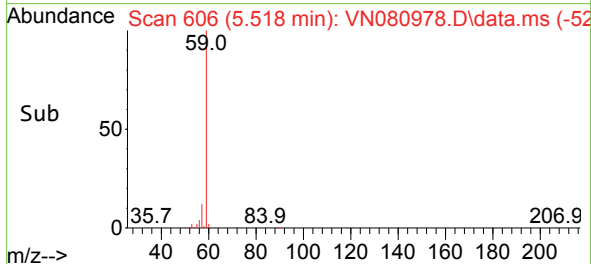
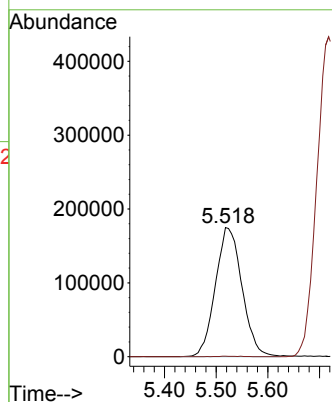
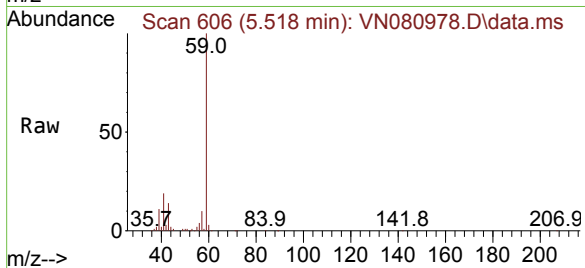




#23  
tert-Butyl Alcohol  
Concen: 860.043 ug/l  
RT: 5.518 min Scan# 607  
Delta R.T. -0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

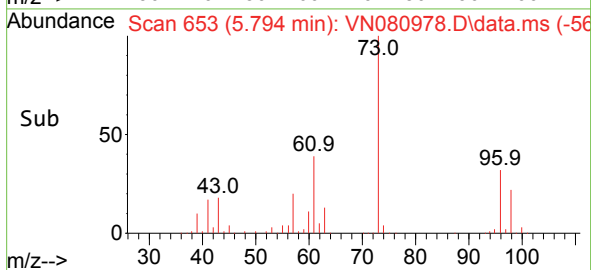
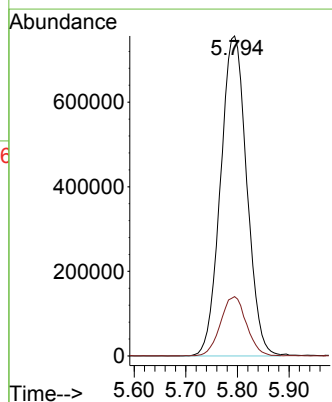
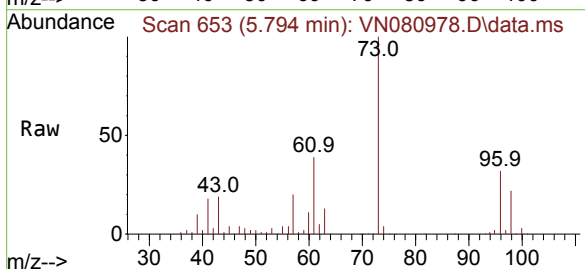
Instrument :  
MSVOA\_N  
ClientSampleId :

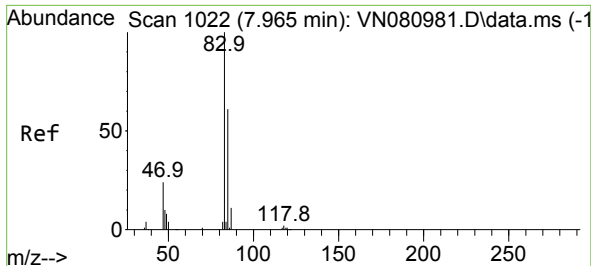
Tgt Ion: 59 Resp: 624774  
Ion Ratio Lower Upper  
59 100  
52 0.2 0.0 0.0#



#24  
Methyl tert-Butyl Ether  
Concen: 181.189 ug/l  
RT: 5.794 min Scan# 653  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 73 Resp: 2661897  
Ion Ratio Lower Upper  
73 100  
43 18.3 13.4 20.2





#25

Chloroform

Concen: 181.432 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

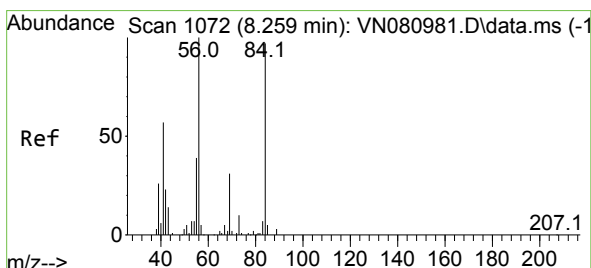
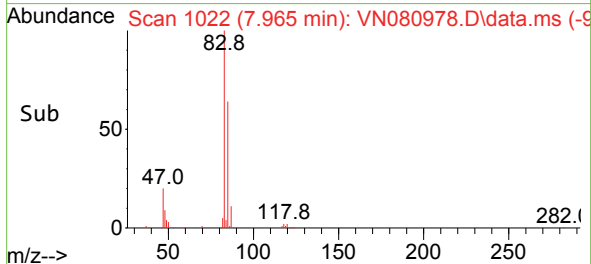
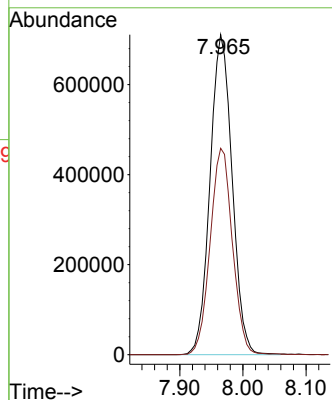
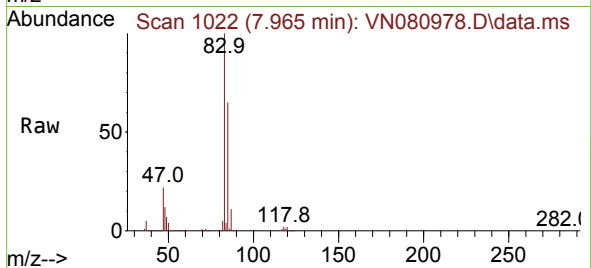
ClientSampleId :

Tgt Ion: 83 Resp: 1725563

Ion Ratio Lower Upper

83 100

85 64.5 50.9 76.3



#26

Cyclohexane

Concen: 178.629 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

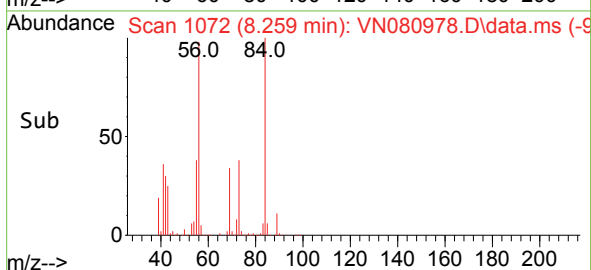
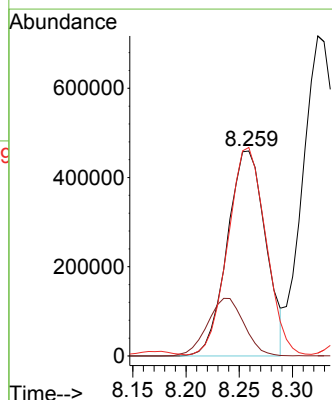
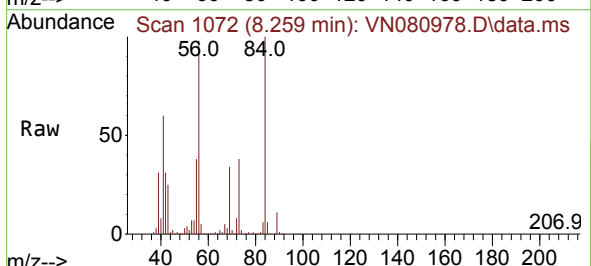
Tgt Ion: 56 Resp: 1153106

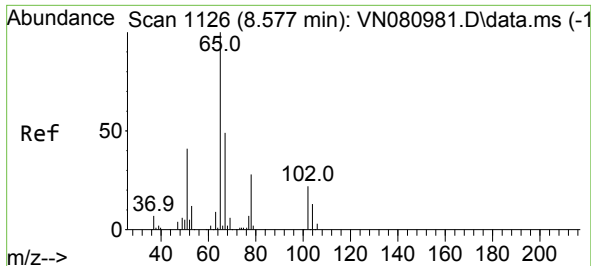
Ion Ratio Lower Upper

56 100

89 26.9 19.3 28.9

84 100.9 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 30.997 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

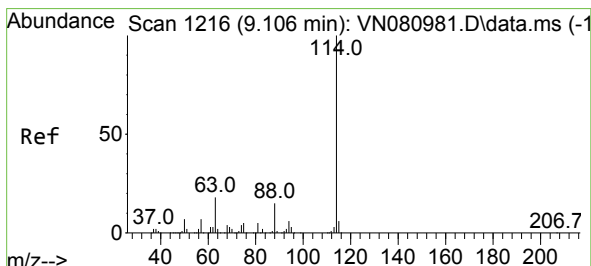
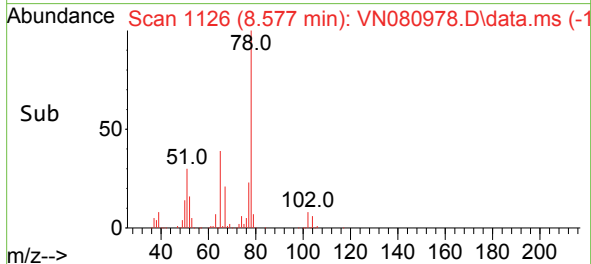
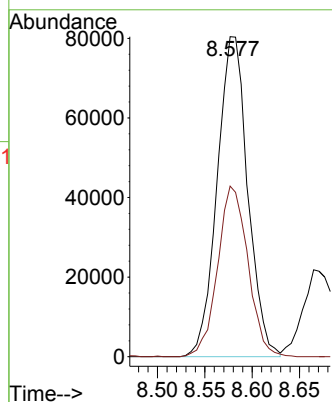
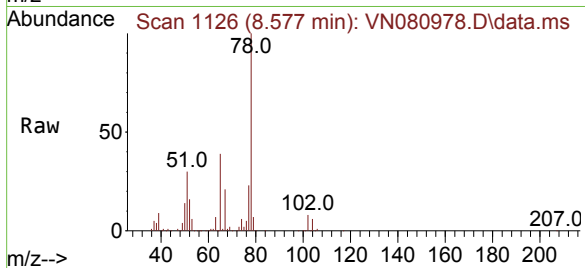
ClientSampleId :

Tgt Ion: 65 Resp: 180872

Ion Ratio Lower Upper

65 100

67 52.8 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

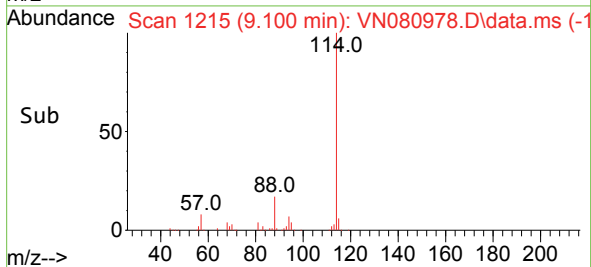
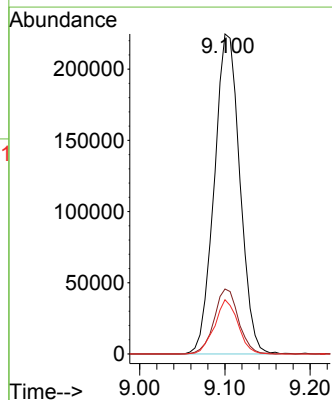
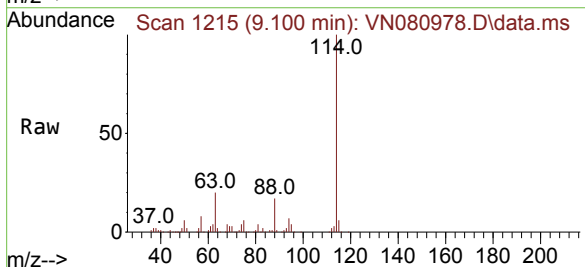
Tgt Ion: 114 Resp: 468685

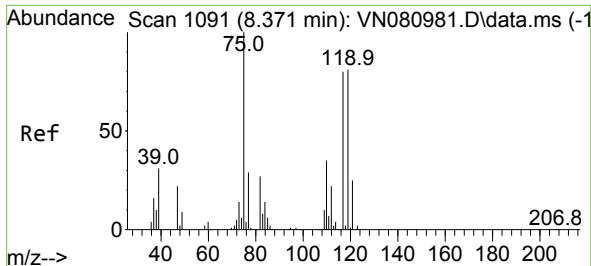
Ion Ratio Lower Upper

114 100

63 19.3 15.9 23.9

88 15.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 178.775 ug/l

RT: 8.371 min Scan# 1

Delta R.T. -0.000 min

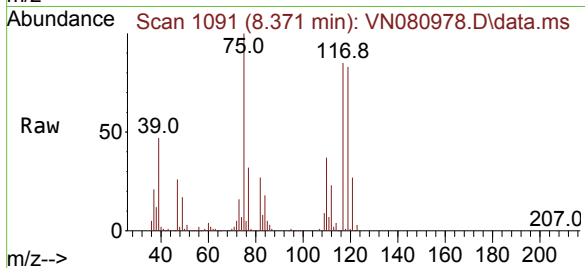
Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

ClientSampleId :



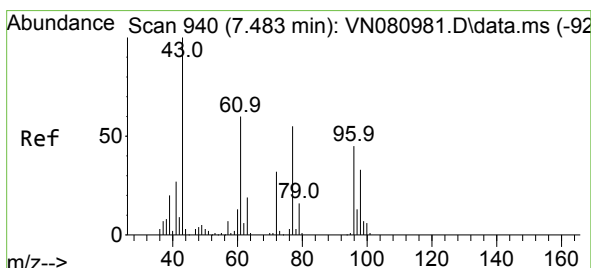
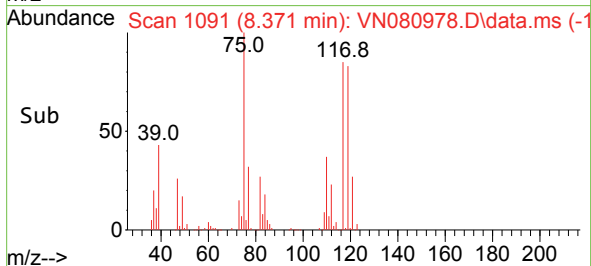
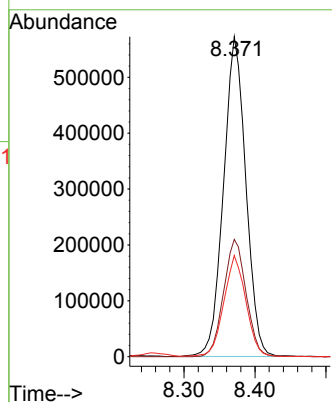
Tgt Ion: 75 Resp: 1248094

Ion Ratio Lower Upper

75 100

110 37.0 0.0 70.2

77 31.4 0.0 61.4



#30

2-Butanone

Concen: 847.848 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

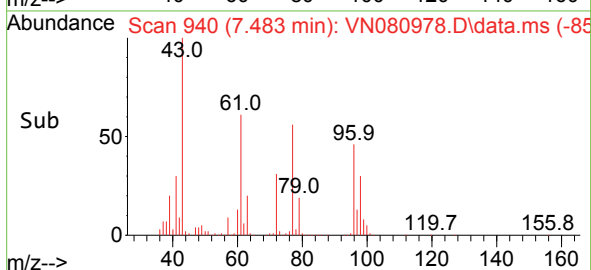
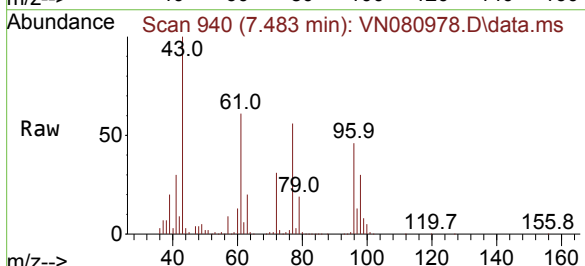
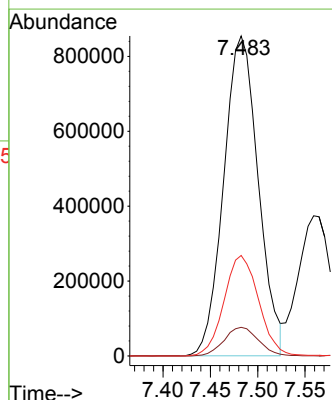
Tgt Ion: 43 Resp: 2171713

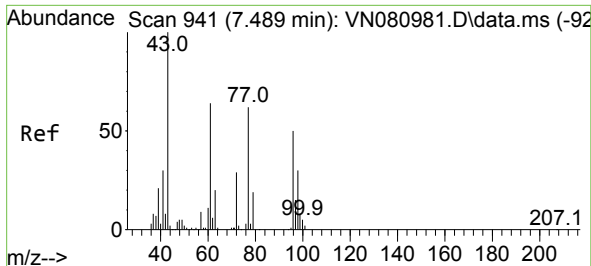
Ion Ratio Lower Upper

43 100

57 8.9 6.7 10.1

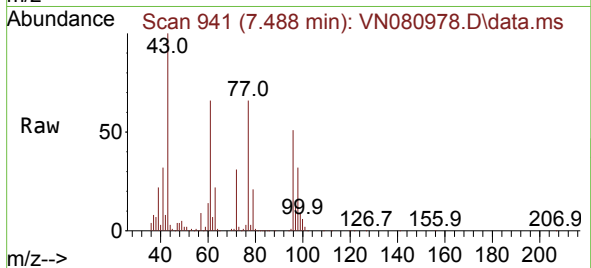
72 31.4 24.0 36.0



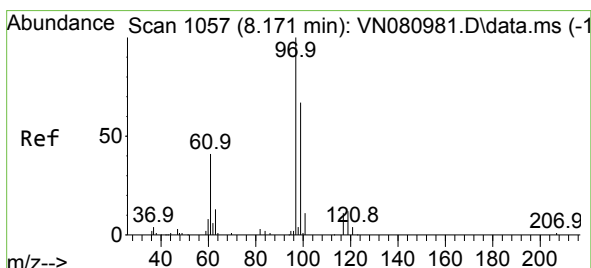
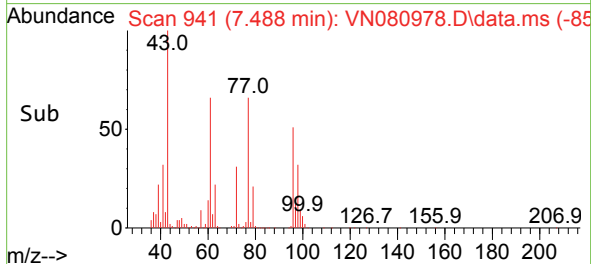
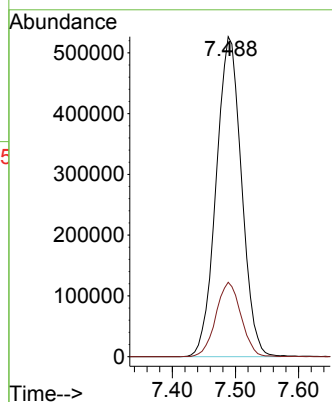


#31  
2,2-Dichloropropane  
Concen: 184.726 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Instrument :  
MSVOA\_N  
ClientSampleId :

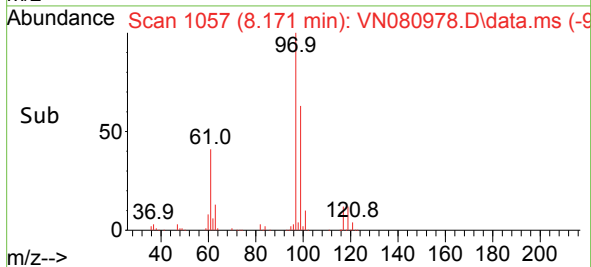
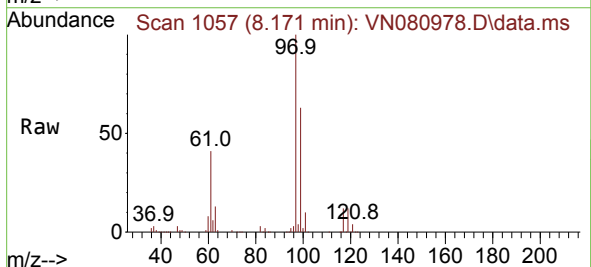
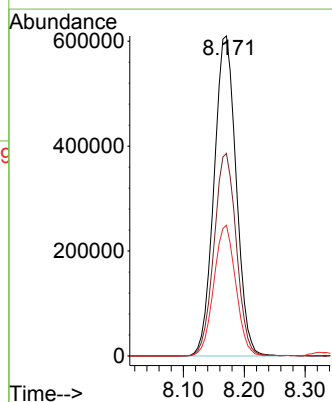


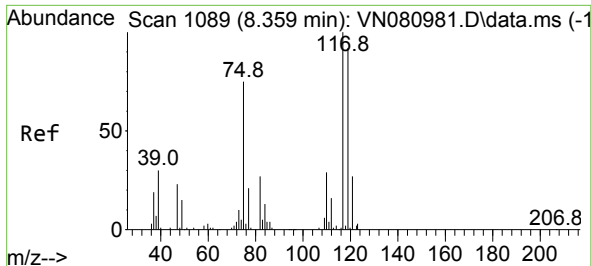
Tgt Ion: 77 Resp: 1468338  
Ion Ratio Lower Upper  
77 100  
97 23.0 18.3 27.5



#32  
1,1,1-Trichloroethane  
Concen: 175.740 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

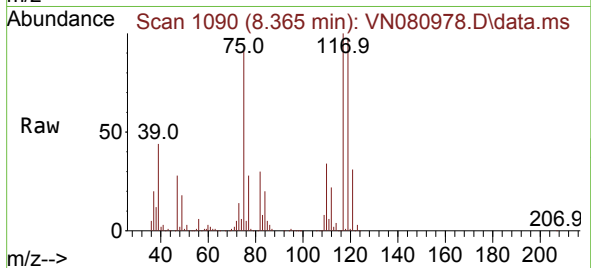
Tgt Ion: 97 Resp: 1543416  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.0 76.4  
61 40.6 33.8 50.8



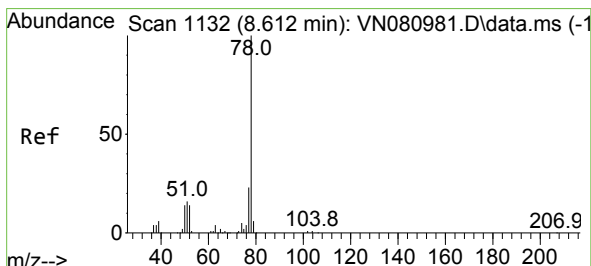
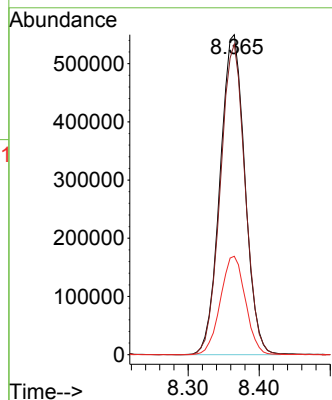
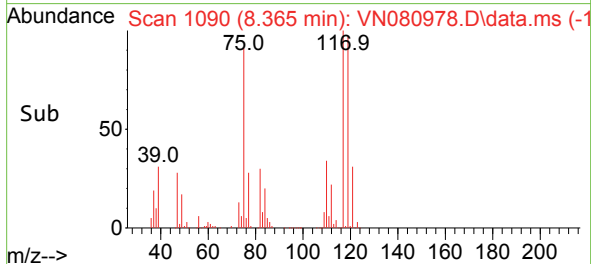


#33  
Carbon Tetrachloride  
Concen: 180.440 ug/l  
RT: 8.365 min Scan# 1109  
Delta R.T. 0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Instrument :  
MSVOA\_N  
ClientSampleId :

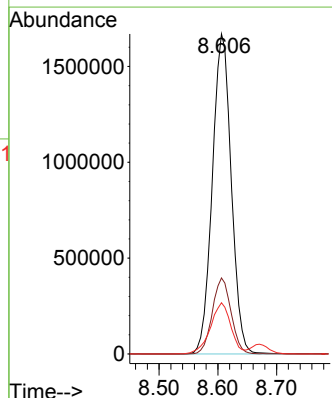
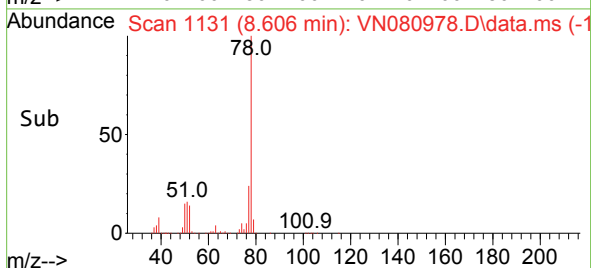
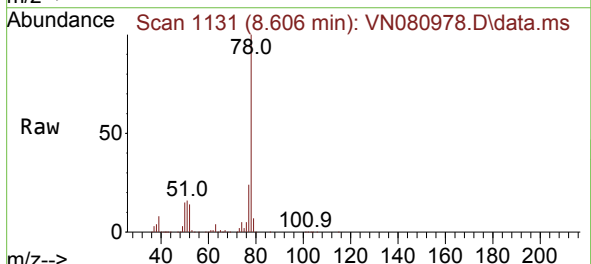


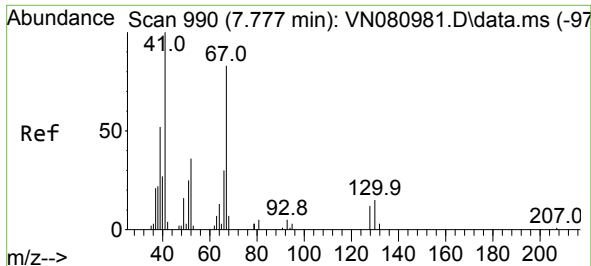
Tgt Ion:117 Resp: 1335177  
Ion Ratio Lower Upper  
117 100  
119 97.1 77.7 116.5  
121 30.7 27.0 40.6



#34  
Benzene  
Concen: 175.026 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

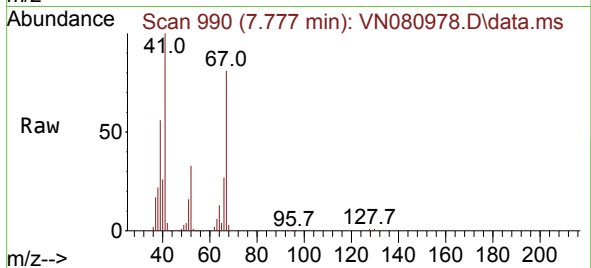
Tgt Ion: 78 Resp: 3734050  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.2 28.8  
51 16.0 13.3 19.9



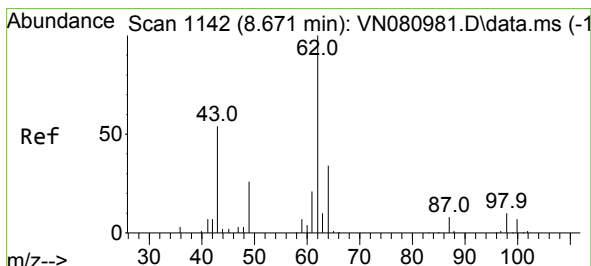
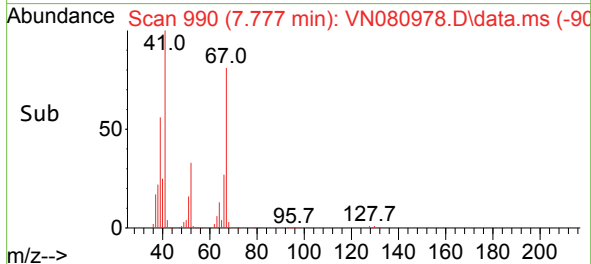
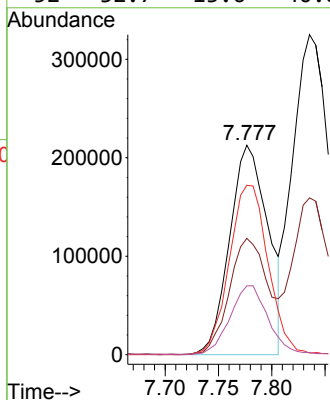


#35  
Methacrylonitrile  
Concen: 177.557 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Instrument :  
MSVOA\_N  
ClientSampleId :

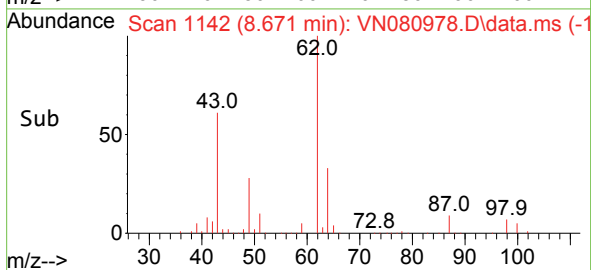
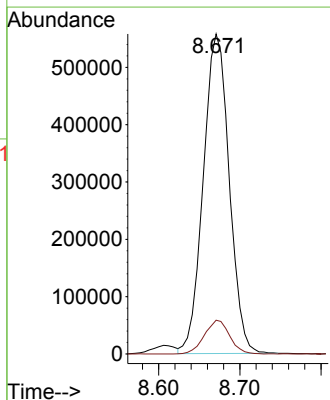
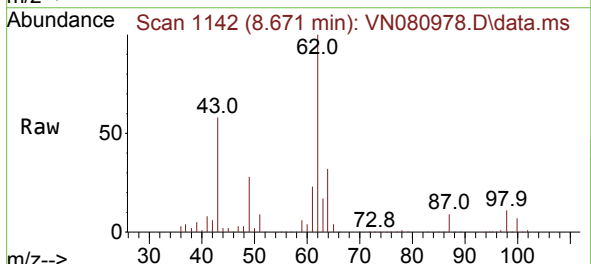


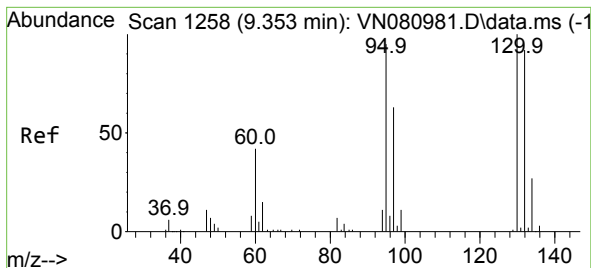
Tgt Ion: 41 Resp: 534564  
Ion Ratio Lower Upper  
41 100  
39 55.5 25.3 75.9  
67 80.9 38.7 116.1  
52 32.7 13.6 40.8



#36  
1,2-Dichloroethane  
Concen: 172.964 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 62 Resp: 1238403  
Ion Ratio Lower Upper  
62 100  
98 10.2 8.2 12.4





#37

Trichloroethene

Concen: 173.467 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

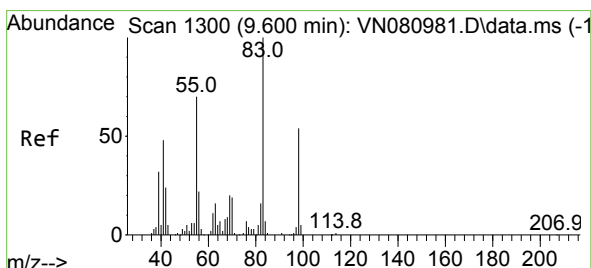
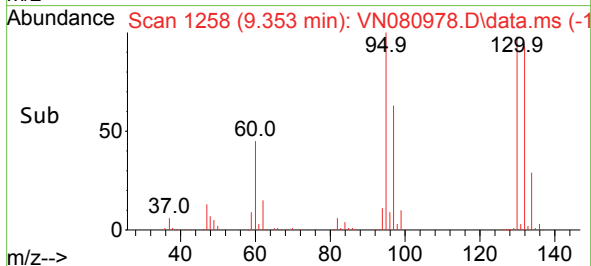
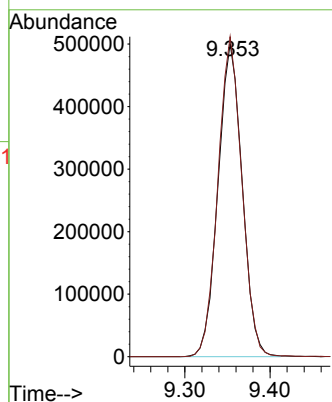
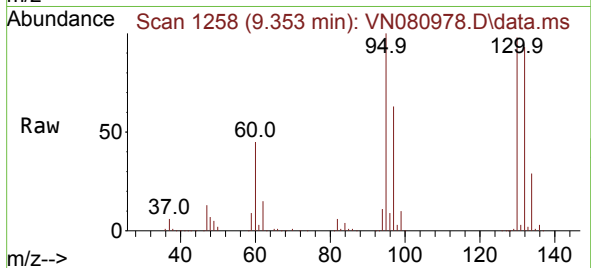
ClientSampleId :

Tgt Ion:130 Resp: 983931

Ion Ratio Lower Upper

130 100

95 102.2 80.2 120.4



#38

Methylcyclohexane

Concen: 180.038 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

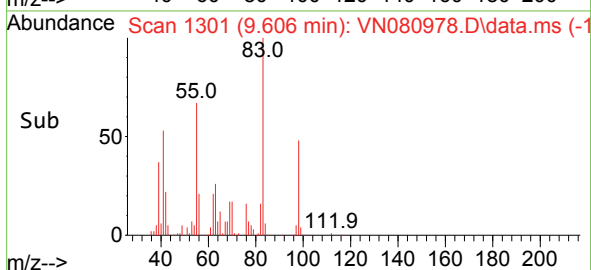
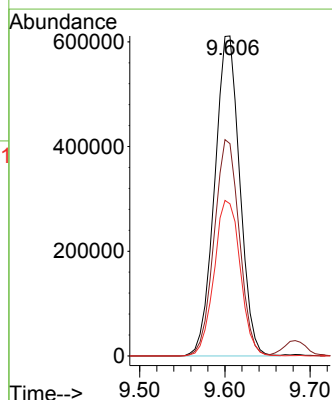
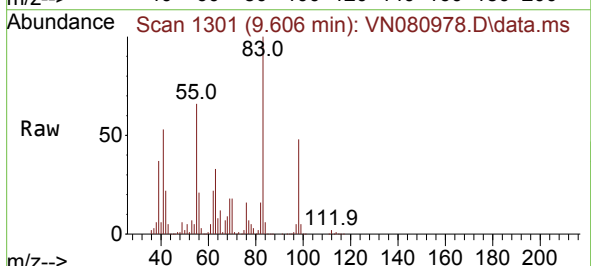
Tgt Ion: 83 Resp: 1254366

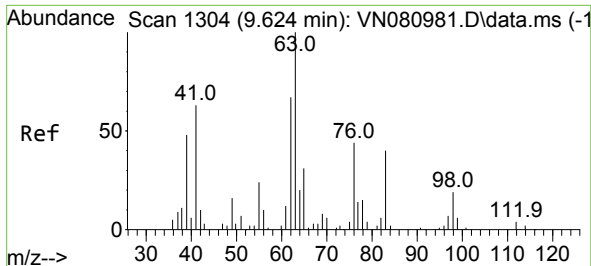
Ion Ratio Lower Upper

83 100

55 67.9 36.6 109.9

98 50.6 23.8 71.5





#39

1,2-Dichloropropane

Concen: 177.575 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

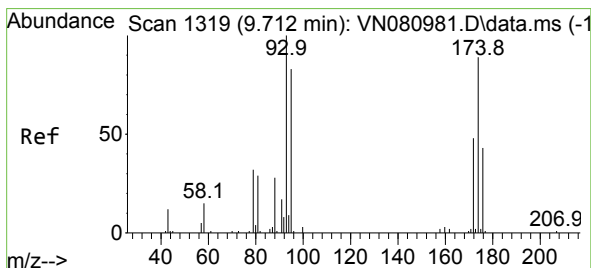
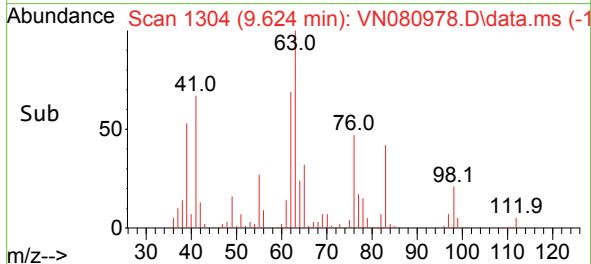
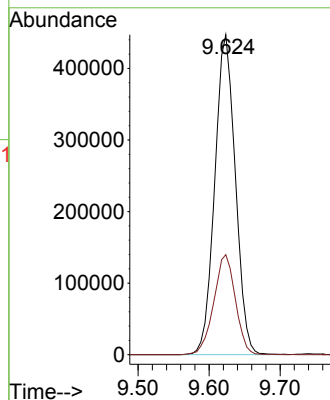
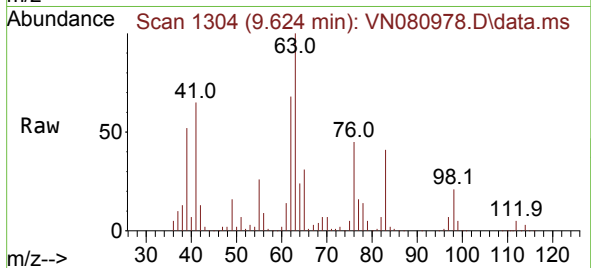
ClientSampleId :

Tgt Ion: 63 Resp: 898596

Ion Ratio Lower Upper

63 100

65 31.2 25.0 37.4



#40

Dibromomethane

Concen: 177.250 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

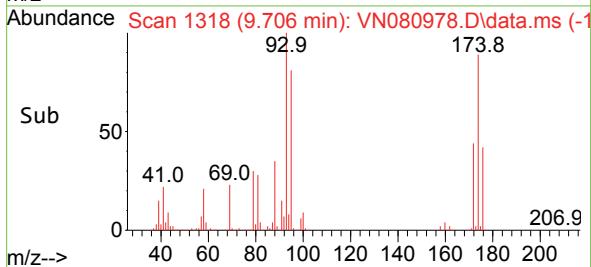
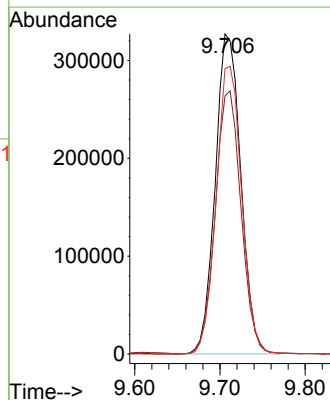
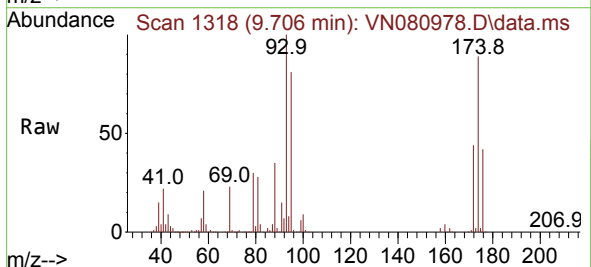
Tgt Ion: 93 Resp: 682407

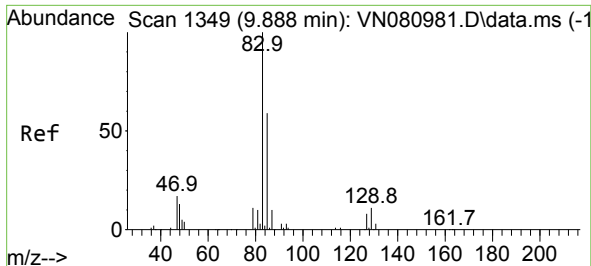
Ion Ratio Lower Upper

93 100

95 82.7 0.0 164.6

174 89.9 0.0 193.2

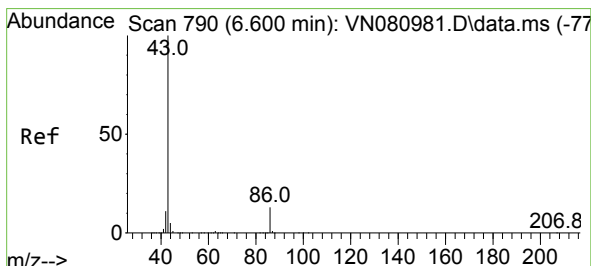
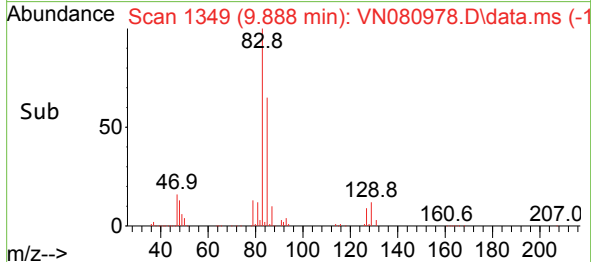
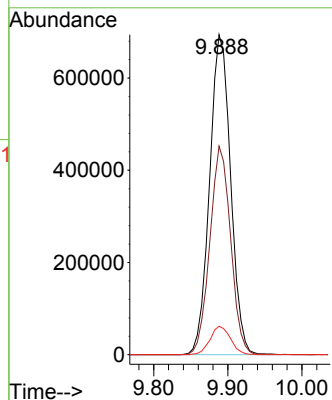
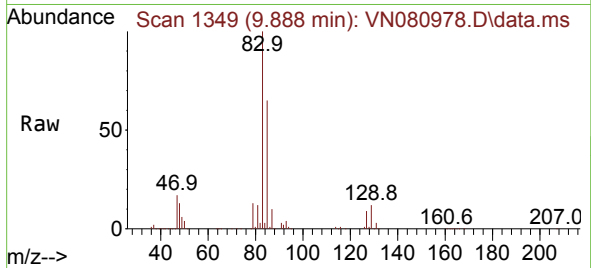




#41  
Bromodichloromethane  
Concen: 181.434 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

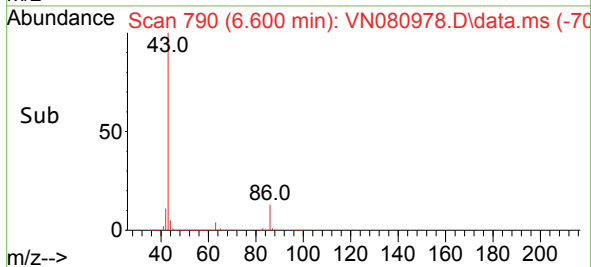
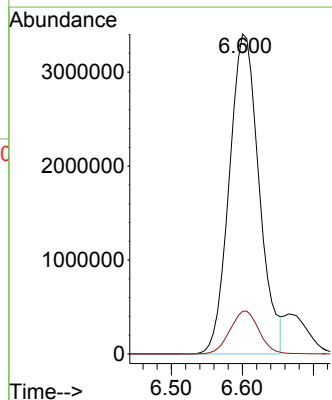
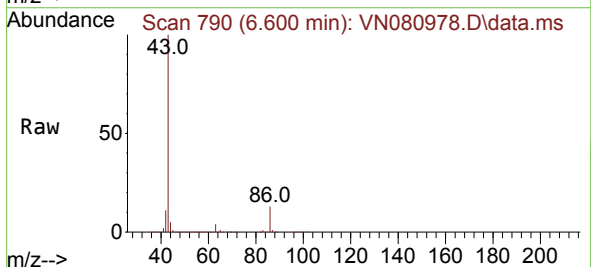
Instrument :  
MSVOA\_N  
ClientSampleId :

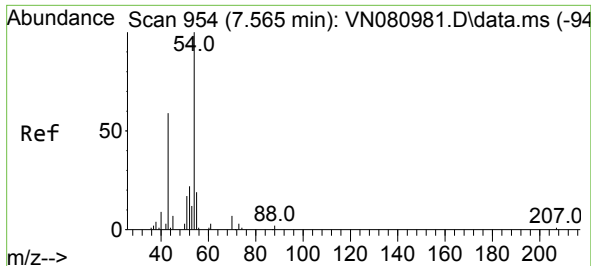
Tgt Ion: 83 Resp: 1367075  
Ion Ratio Lower Upper  
83 100  
85 65.1 49.4 74.2  
127 8.9 7.3 10.9



#42  
Vinyl Acetate  
Concen: 902.576 ug/l  
RT: 6.600 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 43 Resp: 9933375  
Ion Ratio Lower Upper  
43 100  
86 13.1 9.4 14.2

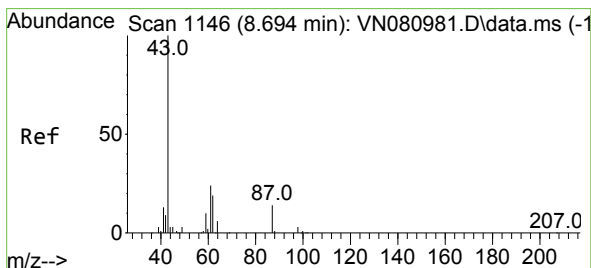
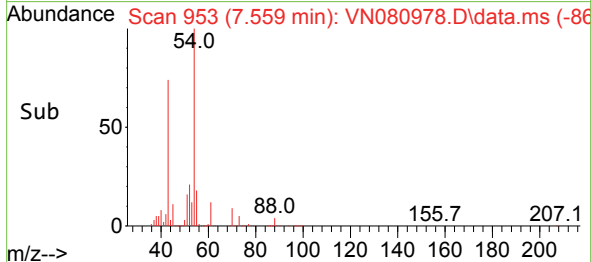
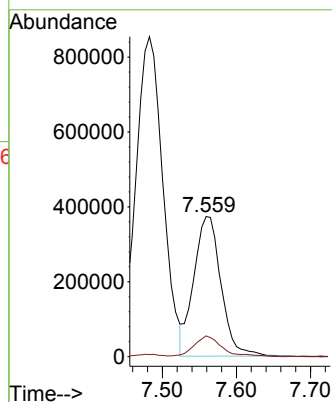
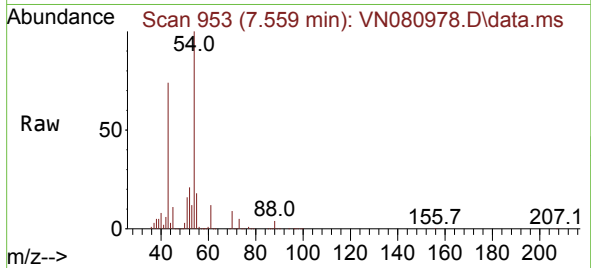




#43  
Ethyl Acetate  
Concen: 174.428 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

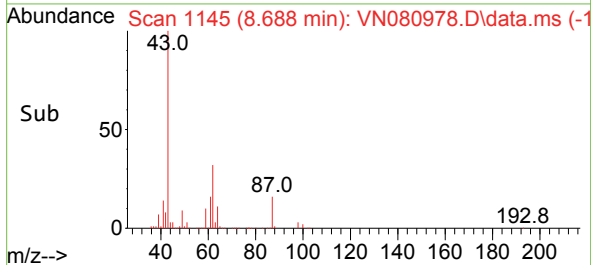
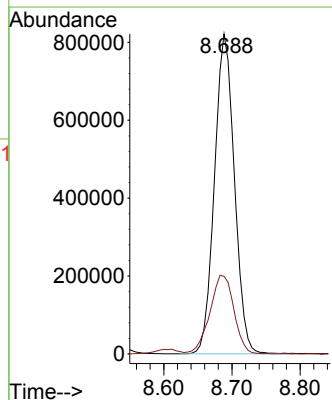
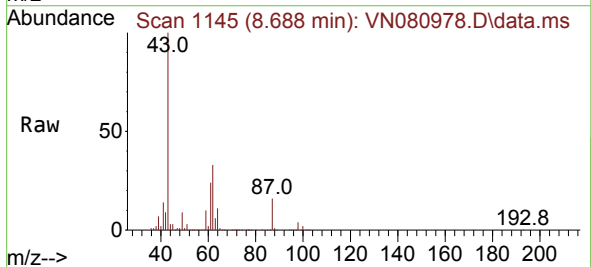
Instrument :  
MSVOA\_N  
ClientSampleId :

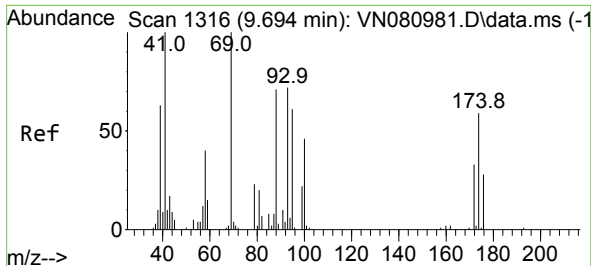
Tgt Ion: 43 Resp: 951551  
Ion Ratio Lower Upper  
43 100  
45 13.1 10.6 15.8



#44  
Isopropyl Acetate  
Concen: 174.385 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 43 Resp: 1671657  
Ion Ratio Lower Upper  
43 100  
61 29.7 25.0 37.4

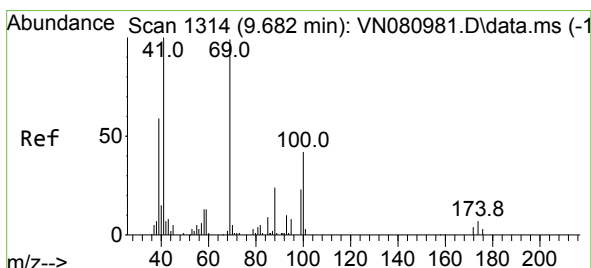
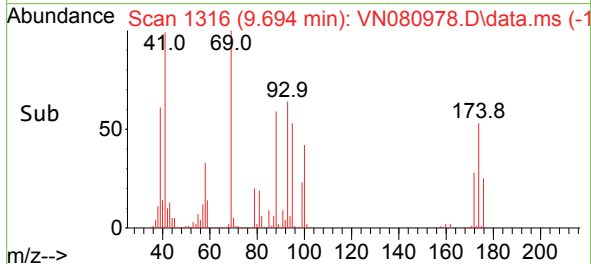
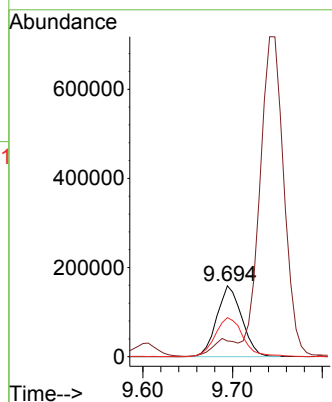
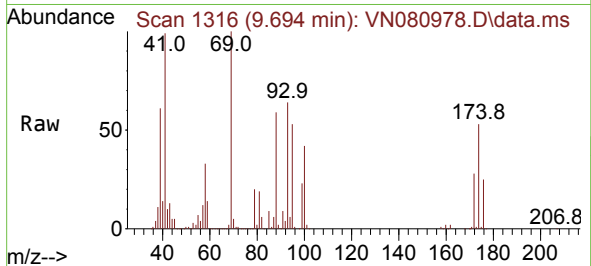




#45  
1,4-Dioxane  
Concen: 3399.667 ug/l  
RT: 9.694 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

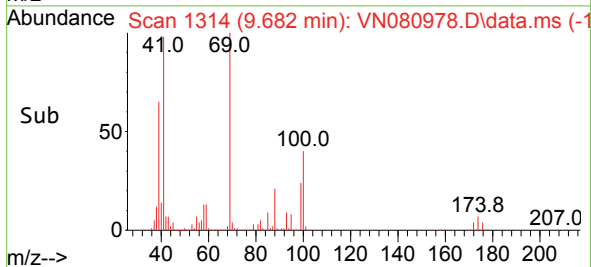
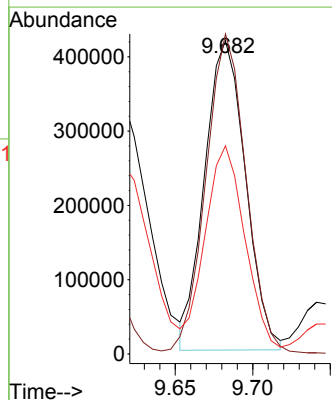
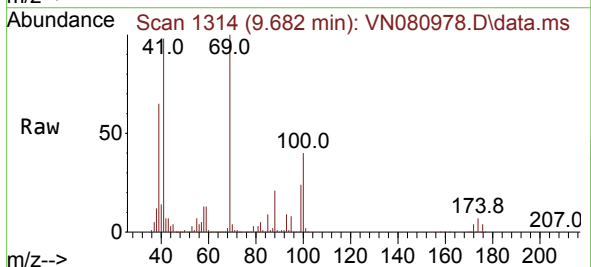
Instrument :  
MSVOA\_N  
ClientSampleId :

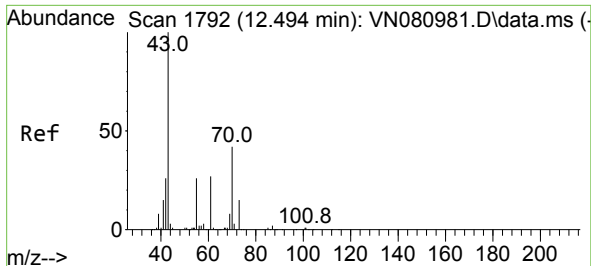
Tgt Ion: 88 Resp: 307321  
Ion Ratio Lower Upper  
88 100  
43 23.2 19.8 29.6  
58 61.9 55.4 83.0



#46  
Methyl methacrylate  
Concen: 174.040 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 41 Resp: 763373  
Ion Ratio Lower Upper  
41 100  
69 104.1 51.1 153.3  
39 67.1 25.8 77.3

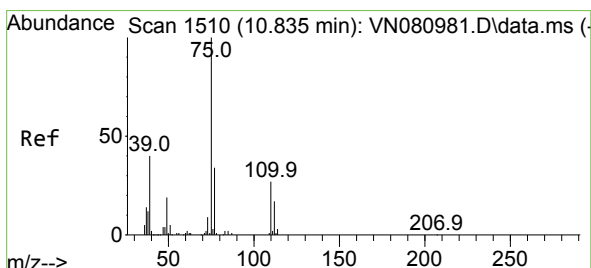
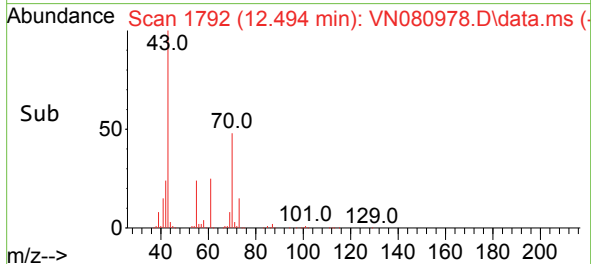
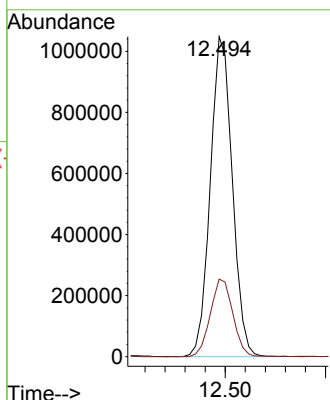
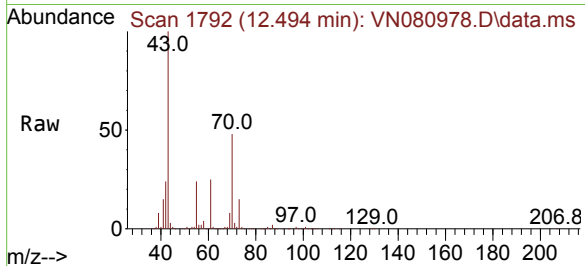




#47  
n-amy1 Acetate  
Concen: 190.728 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

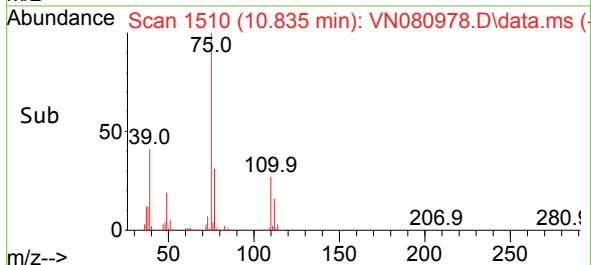
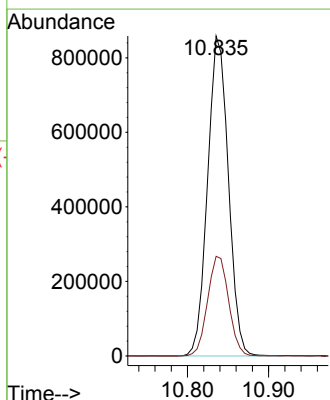
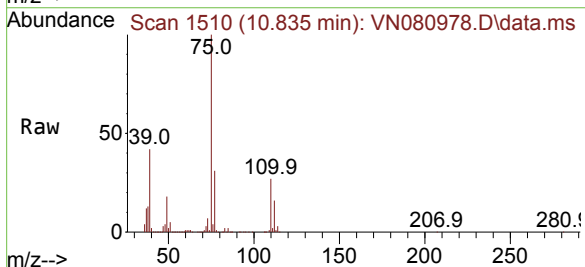
Instrument :  
MSVOA\_N  
ClientSampleId :

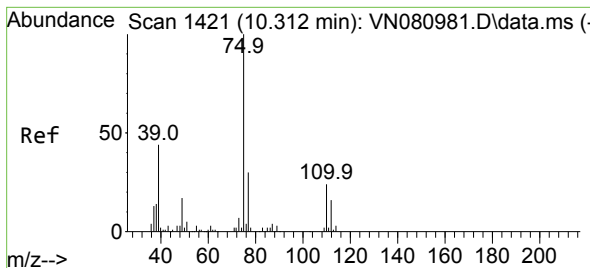
Tgt Ion: 43 Resp: 1594491  
Ion Ratio Lower Upper  
43 100  
55 24.9 23.4 35.2



#48  
t-1,3-Dichloropropene  
Concen: 193.024 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 75 Resp: 1524285  
Ion Ratio Lower Upper  
75 100  
77 31.2 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 186.899 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

ClientSampleId :

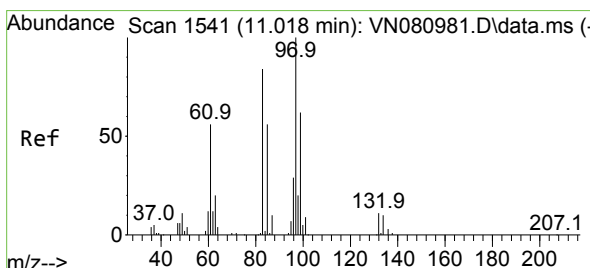
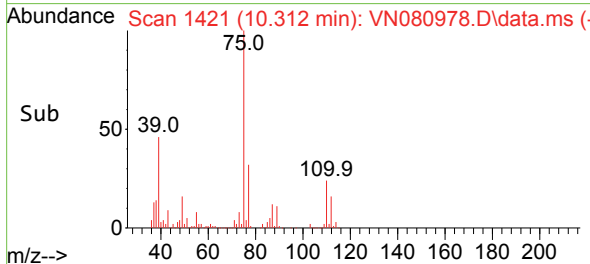
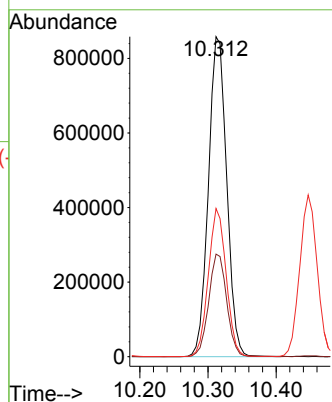
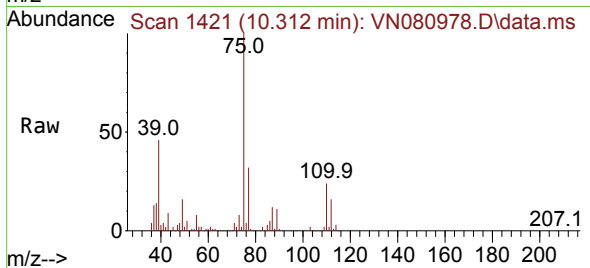
Tgt Ion: 75 Resp: 1599266

Ion Ratio Lower Upper

75 100

77 32.1 24.9 37.3

39 46.3 31.0 46.6



#50

1,1,2-Trichloroethane

Concen: 178.104 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Tgt Ion: 97 Resp: 948774

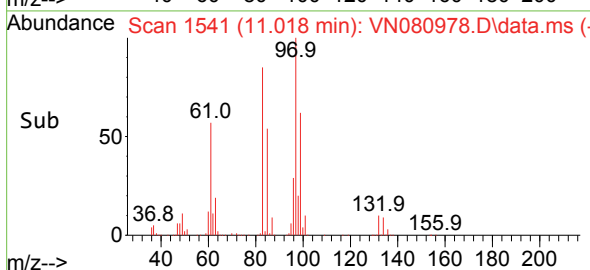
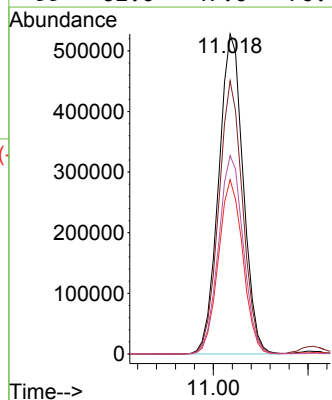
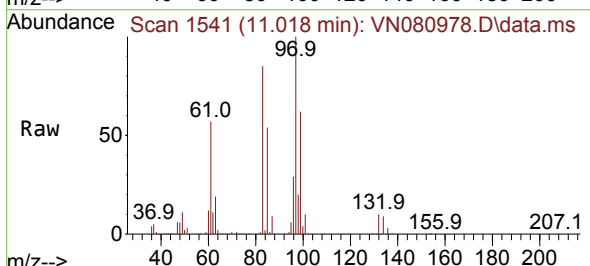
Ion Ratio Lower Upper

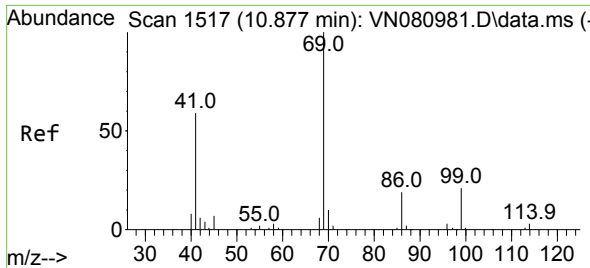
97 100

83 85.4 68.1 102.1

85 54.5 41.8 62.6

99 62.0 47.0 70.4

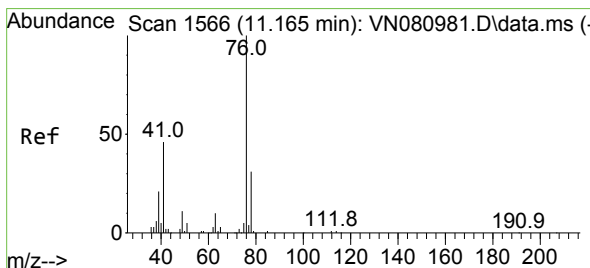
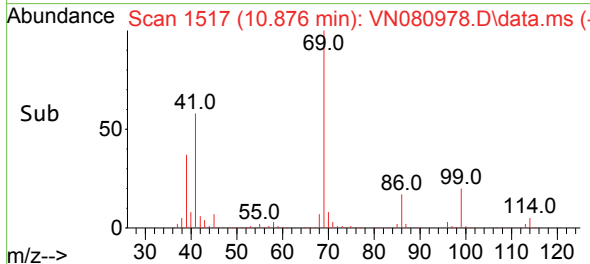
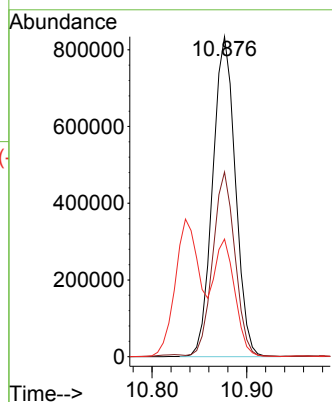
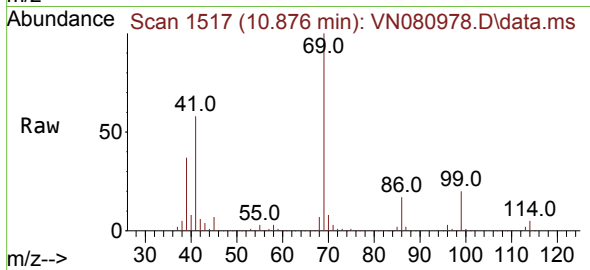




#51  
Ethyl methacrylate  
Concen: 186.313 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

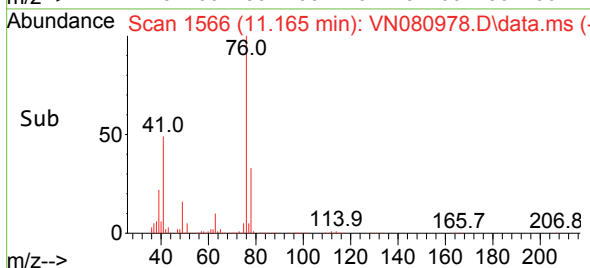
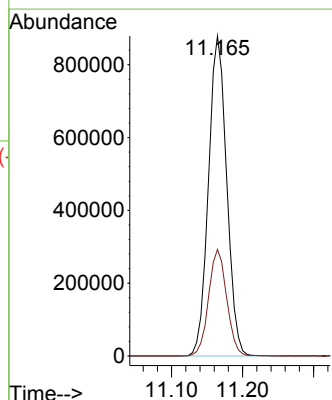
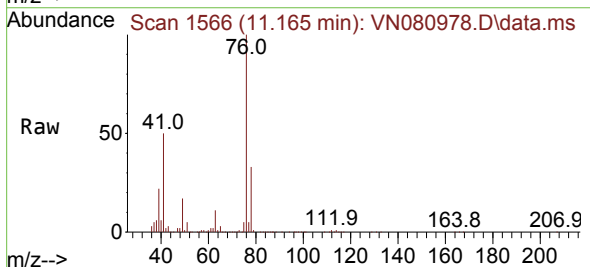
Instrument :  
MSVOA\_N  
ClientSampleId :

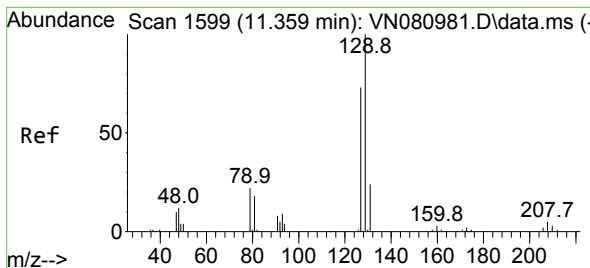
Tgt Ion: 69 Resp: 1387159  
Ion Ratio Lower Upper  
69 100  
41 57.7 25.5 76.5  
39 36.7 16.0 47.9



#52  
1,3-Dichloropropane  
Concen: 178.049 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 76 Resp: 1566272  
Ion Ratio Lower Upper  
76 100  
78 33.1 0.0 65.8





#53

Dibromochloromethane

Concen: 188.800 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

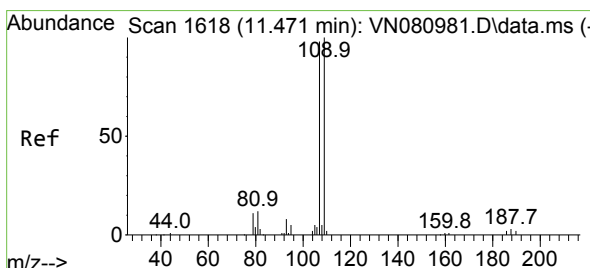
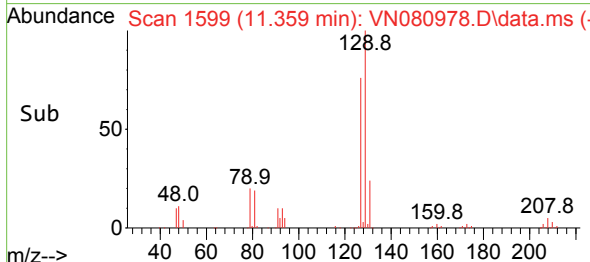
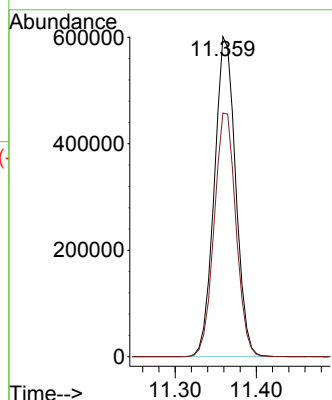
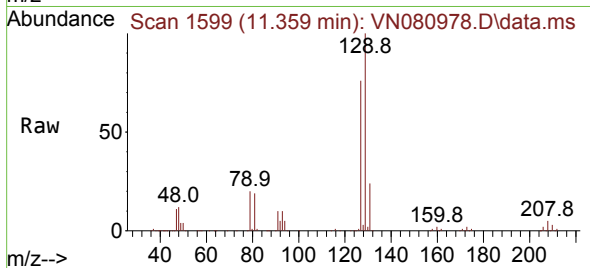
ClientSampleId :

Tgt Ion:129 Resp: 1096211

Ion Ratio Lower Upper

129 100

127 77.8 39.4 118.1



#54

1,2-Dibromoethane

Concen: 181.241 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN080978.D

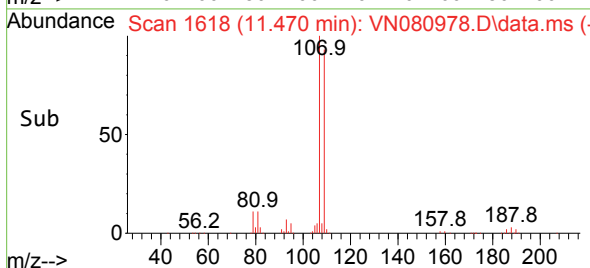
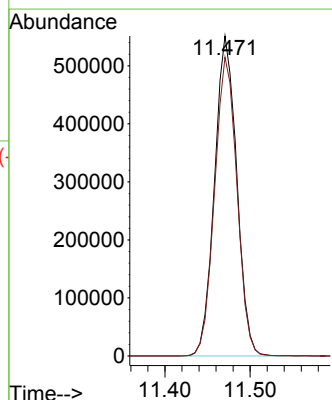
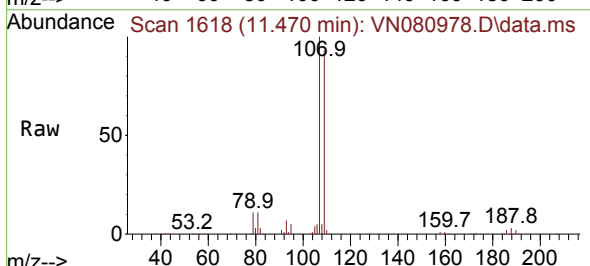
Acq: 09 Feb 2024 09:36

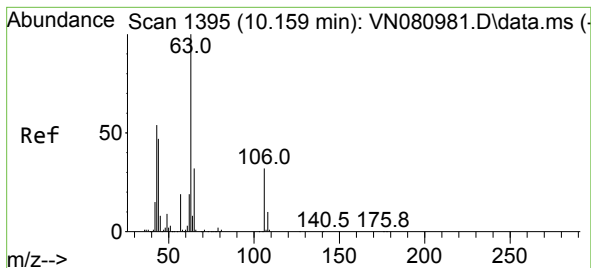
Tgt Ion:107 Resp: 998851

Ion Ratio Lower Upper

107 100

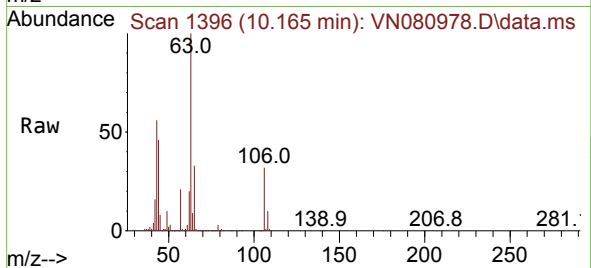
109 94.0 74.7 112.1



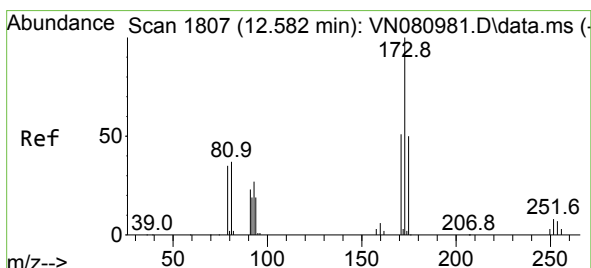
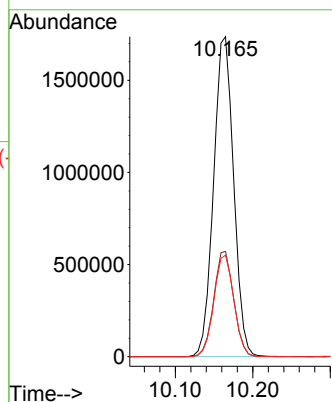
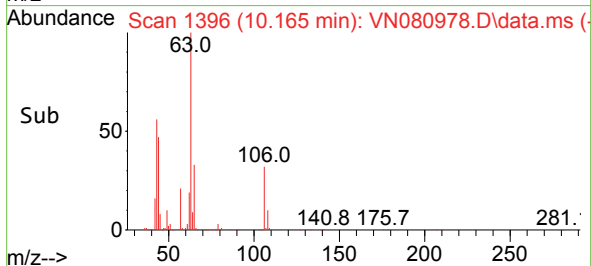


#55  
2-Chloroethyl vinyl ether  
Concen: 819.406 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. 0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Instrument :  
MSVOA\_N  
ClientSampleId :

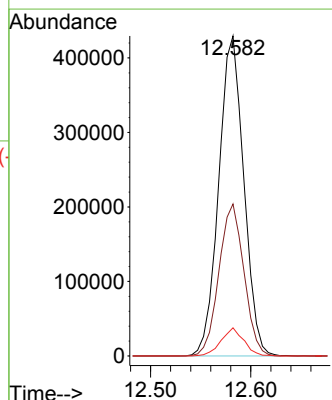
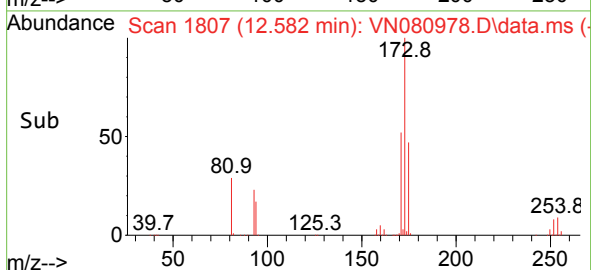
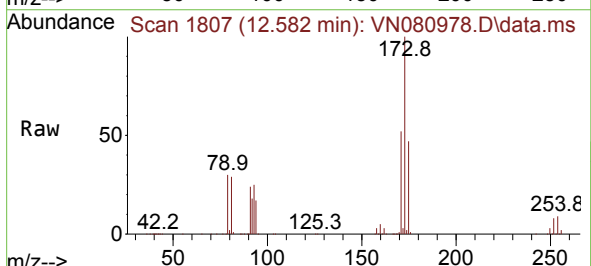


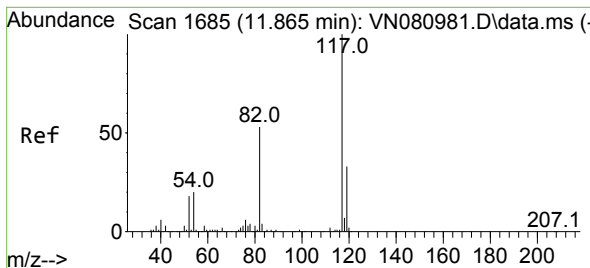
Tgt Ion: 63 Resp: 3126378  
Ion Ratio Lower Upper  
63 100  
65 32.7 26.2 39.2  
106 31.7 23.8 35.8



#56  
Bromoform  
Concen: 201.366 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

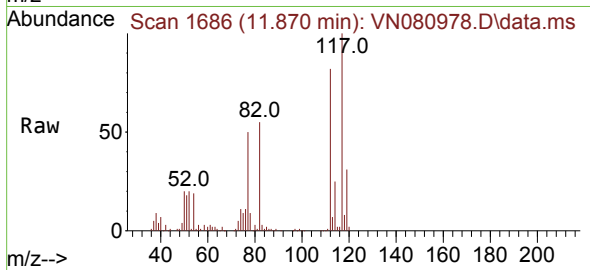
Tgt Ion:173 Resp: 744623  
Ion Ratio Lower Upper  
173 100  
175 47.4 40.0 60.0  
254 8.0 8.3 12.5#



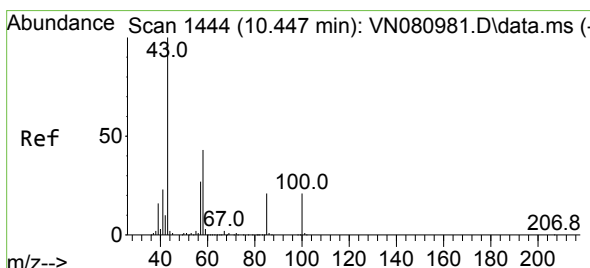
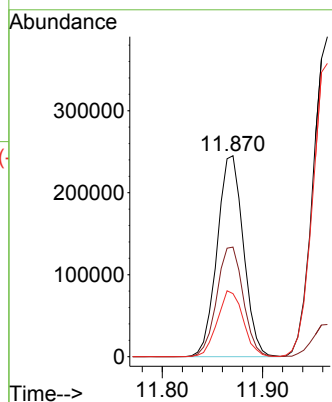
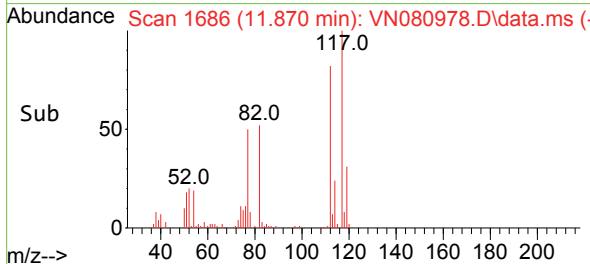


#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Instrument :  
MSVOA\_N  
ClientSampleId :

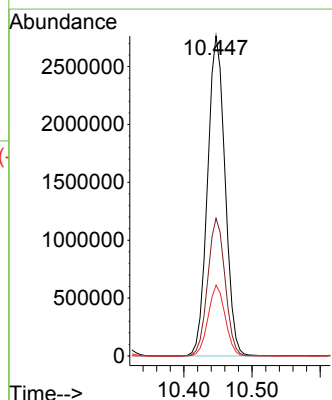
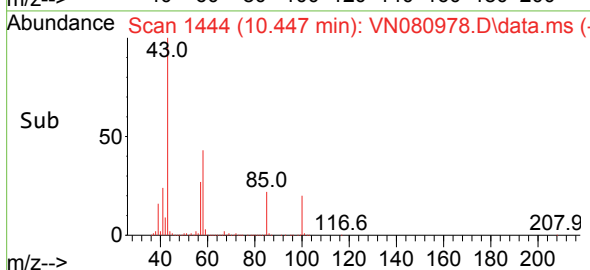
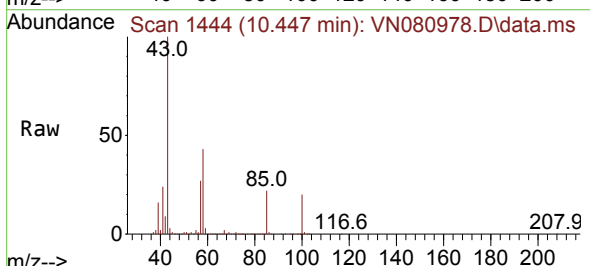


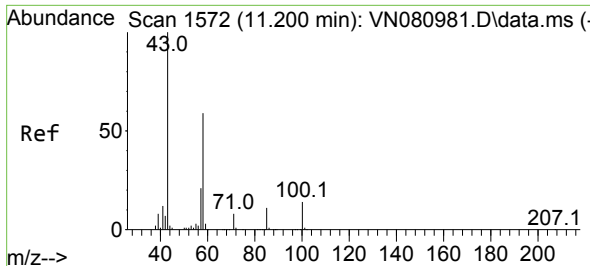
Tgt Ion:117 Resp: 445898  
Ion Ratio Lower Upper  
117 100  
82 54.5 46.6 69.8  
119 32.3 25.4 38.2



#58  
4-Methyl-2-Pentanone  
Concen: 854.009 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 43 Resp: 4943851  
Ion Ratio Lower Upper  
43 100  
58 42.7 36.5 54.7  
85 21.6 19.5 29.3

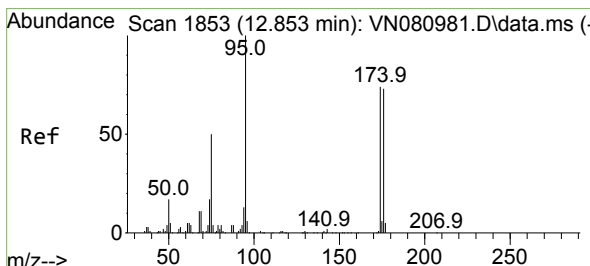
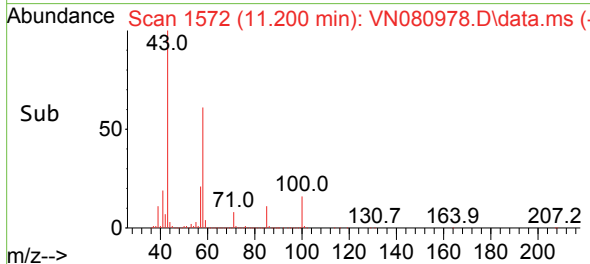
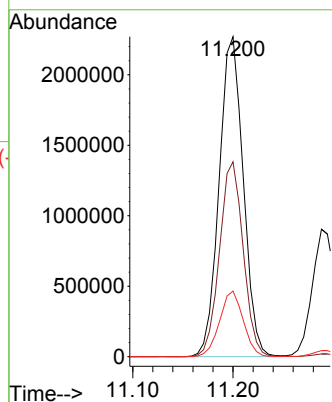
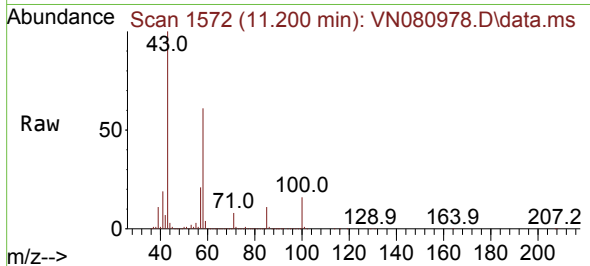




#59  
2-Hexanone  
Concen: 890.884 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

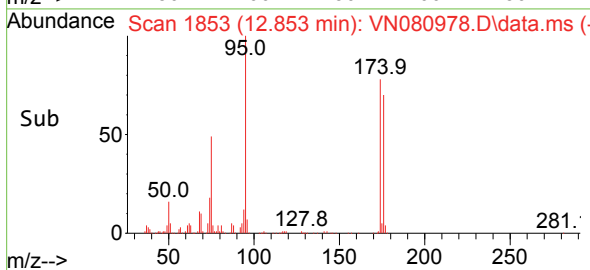
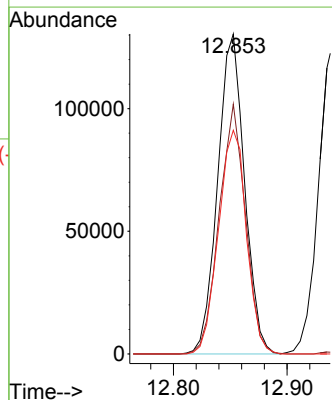
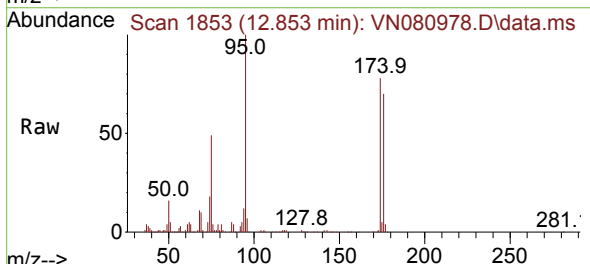
Instrument :  
MSVOA\_N  
ClientSampleId :

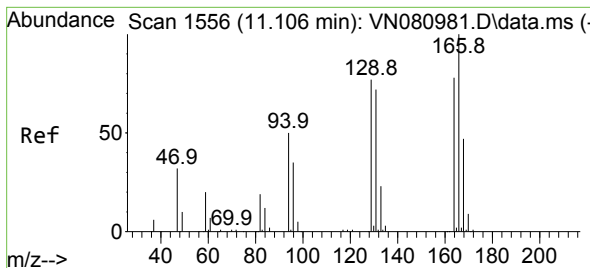
Tgt Ion: 43 Resp: 3793208  
Ion Ratio Lower Upper  
43 100  
58 59.8 50.4 75.6  
57 20.1 18.6 27.8



#60  
4-Bromofluorobenzene  
Concen: 31.410 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 95 Resp: 214114  
Ion Ratio Lower Upper  
95 100  
174 76.4 60.5 90.7  
176 72.8 57.8 86.6





#61

Tetrachloroethene

Concen: 170.678 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

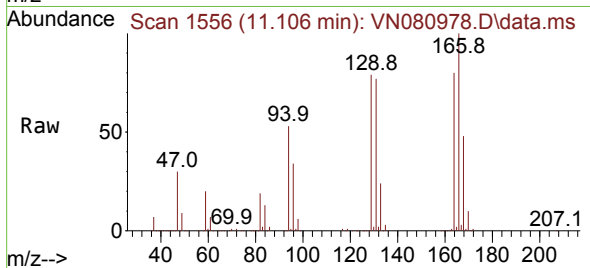
Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion:164 Resp: 869338

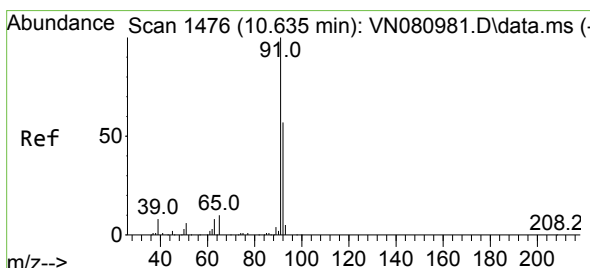
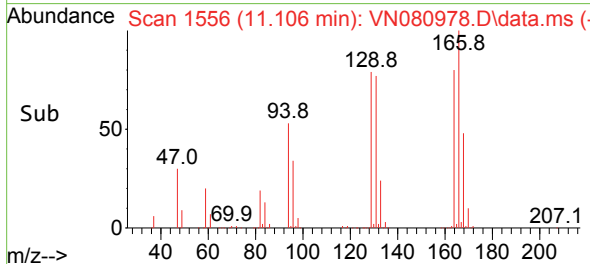
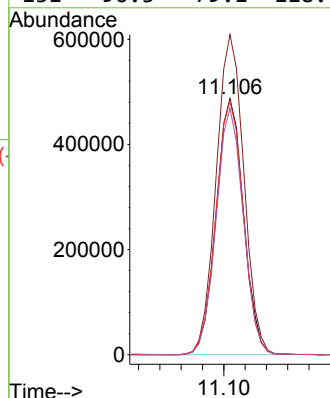
Ion Ratio Lower Upper

164 100

166 124.9 106.7 160.1

129 99.3 85.8 128.6

131 96.3 79.1 118.7



#62

Toluene

Concen: 173.652 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN080978.D

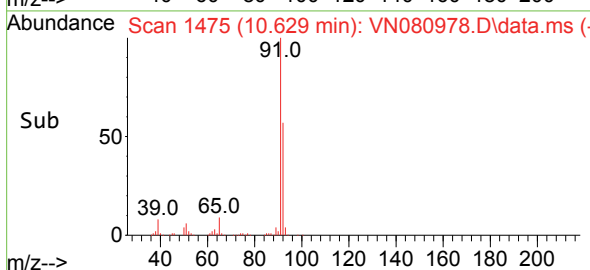
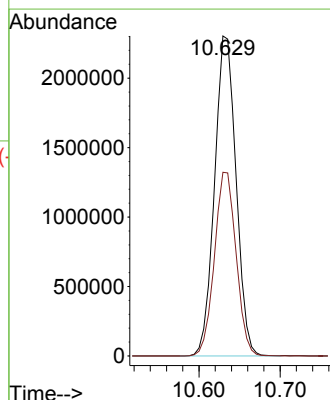
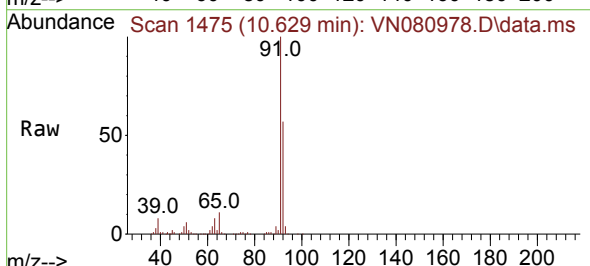
Acq: 09 Feb 2024 09:36

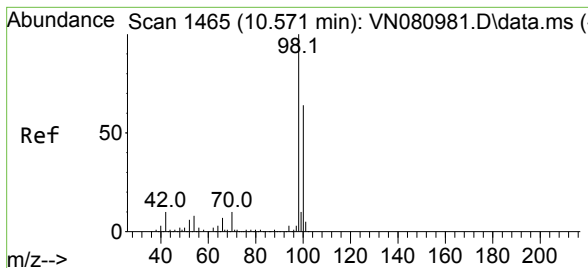
Tgt Ion: 91 Resp: 4241540

Ion Ratio Lower Upper

91 100

92 57.9 46.5 69.7





#63

Toluene-d8

Concen: 29.663 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

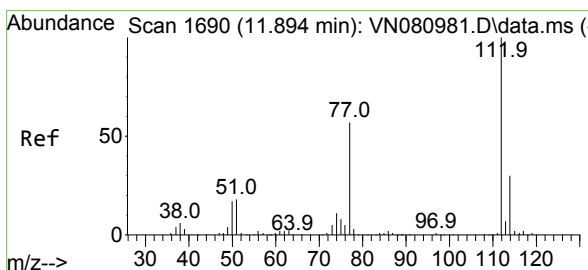
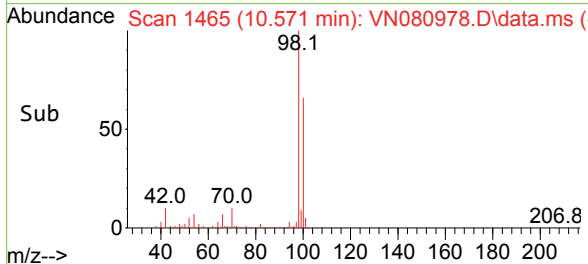
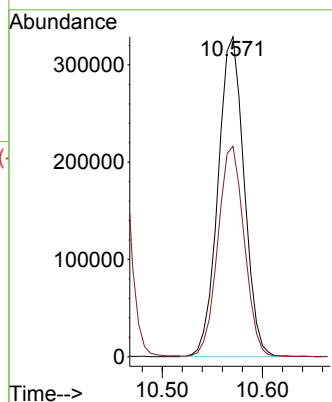
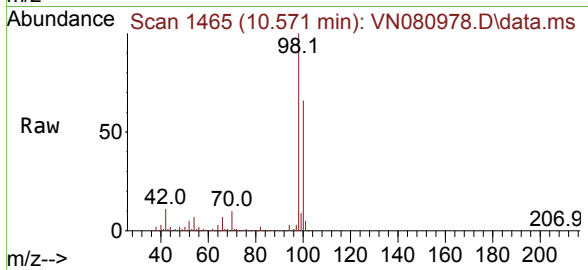
ClientSampleId :

Tgt Ion: 98 Resp: 593568

Ion Ratio Lower Upper

98 100

100 66.6 52.7 79.1



#64

Chlorobenzene

Concen: 175.488 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN080978.D

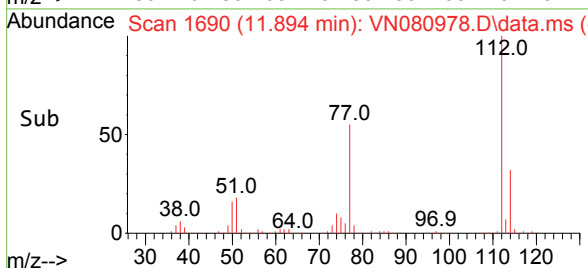
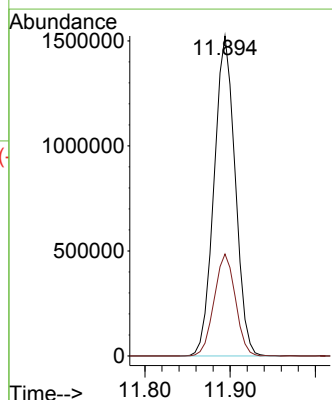
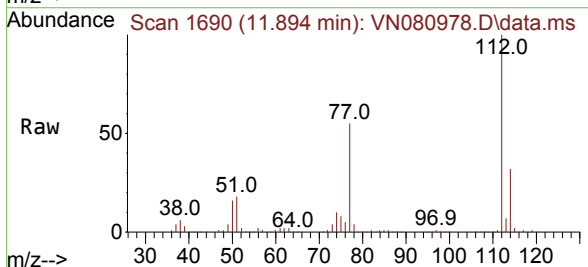
Acq: 09 Feb 2024 09:36

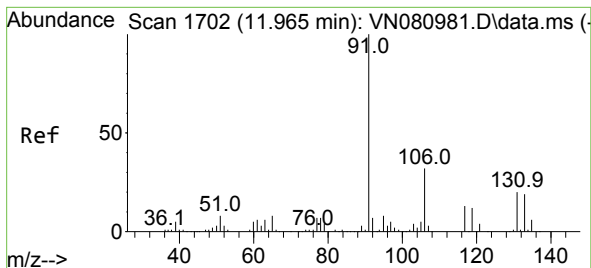
Tgt Ion: 112 Resp: 2625274

Ion Ratio Lower Upper

112 100

114 31.9 26.6 39.8





#65

1,1,1,2-Tetrachloroethane

Concen: 179.205 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

ClientSampleId :

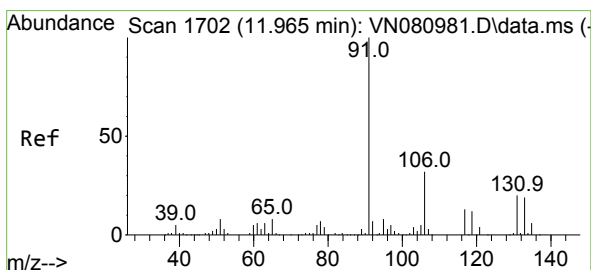
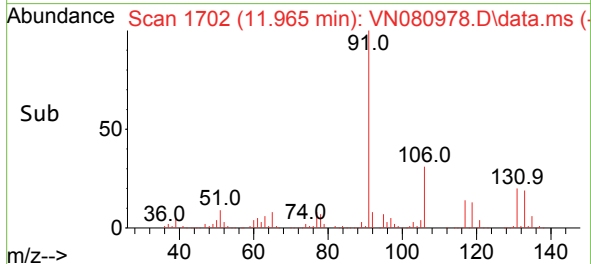
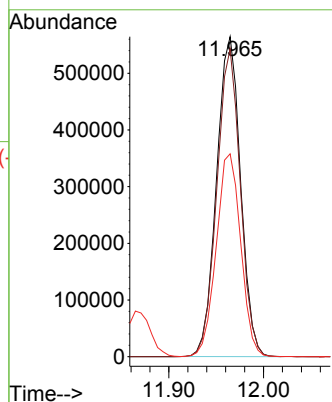
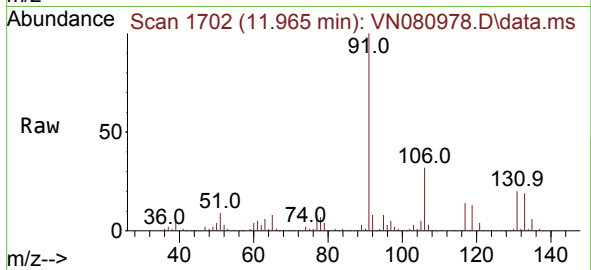
Tgt Ion:131 Resp: 994435

Ion Ratio Lower Upper

131 100

133 94.2 0.0 188.0

119 64.8 0.0 122.8



#66

Ethyl Benzene

Concen: 180.304 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080978.D

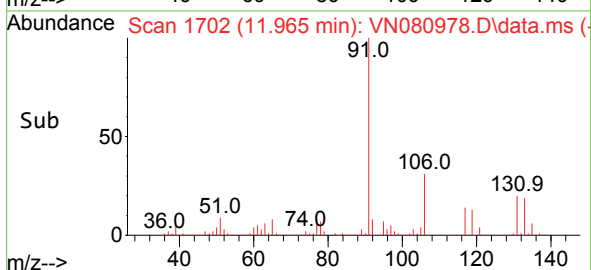
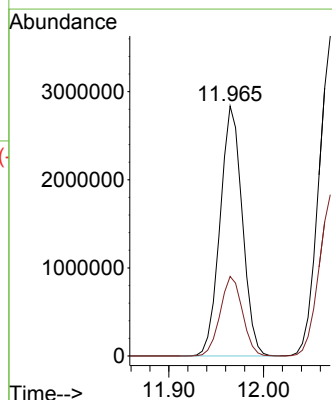
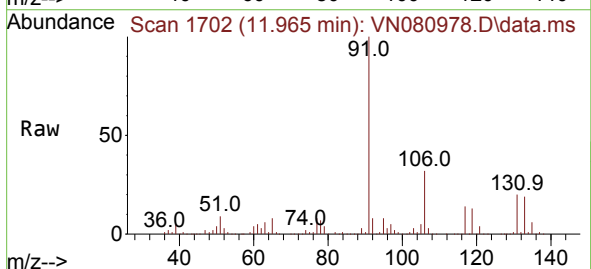
Acq: 09 Feb 2024 09:36

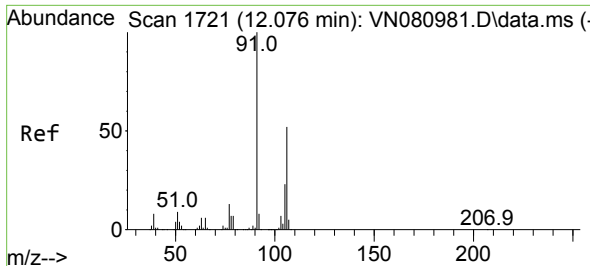
Tgt Ion: 91 Resp: 4630581

Ion Ratio Lower Upper

91 100

106 31.8 24.4 36.6

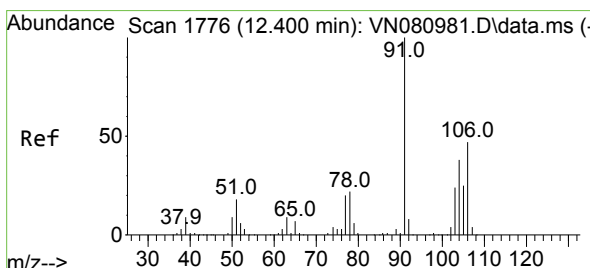
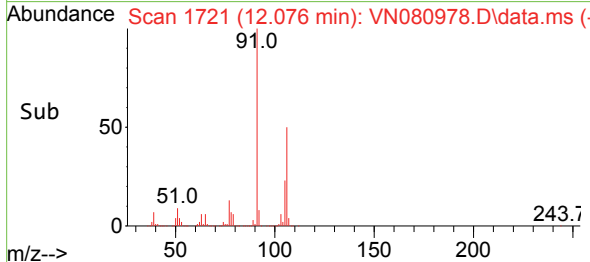
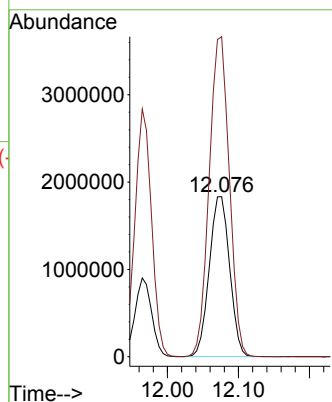
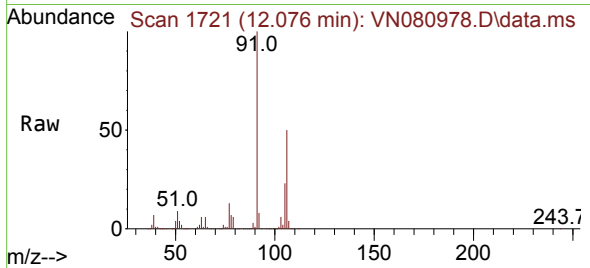




#67  
m/p-Xylenes  
Concen: 361.826 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

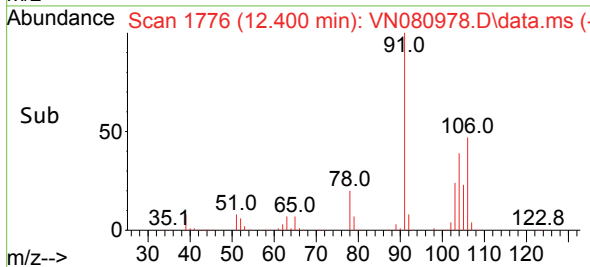
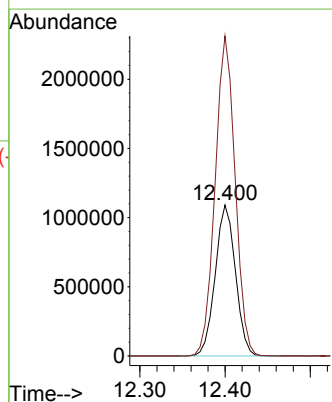
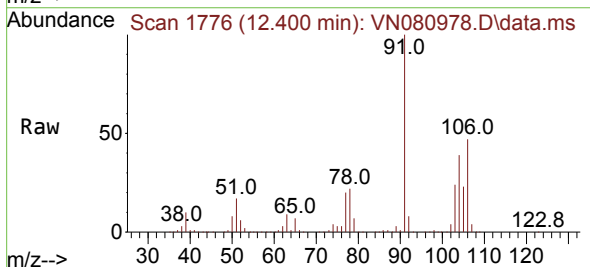
Instrument :  
MSVOA\_N  
ClientSampleId :

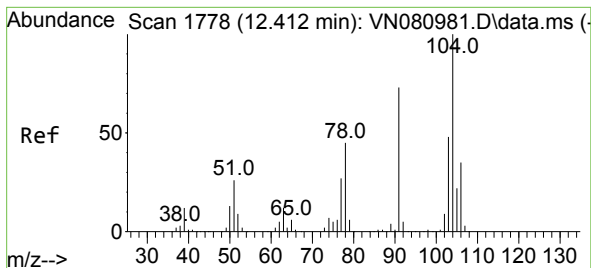
Tgt Ion:106 Resp: 3649258  
Ion Ratio Lower Upper  
106 100  
91 197.9 166.6 249.8



#68  
o-Xylene  
Concen: 182.407 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion:106 Resp: 1802895  
Ion Ratio Lower Upper  
106 100  
91 209.6 110.0 330.0





#69

Styrene

Concen: 189.822 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

ClientSampleId :

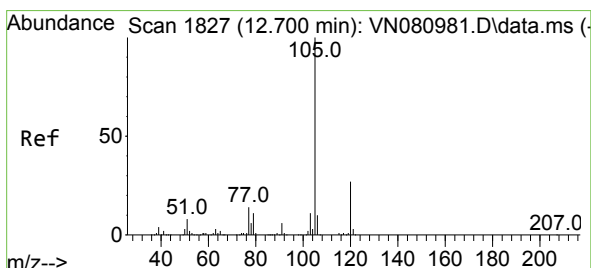
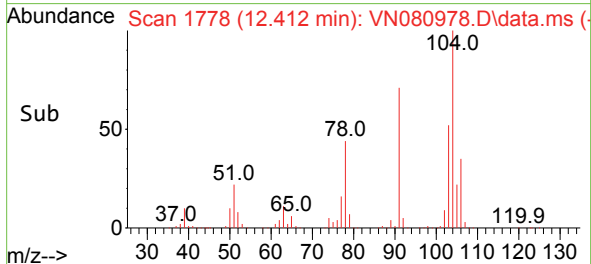
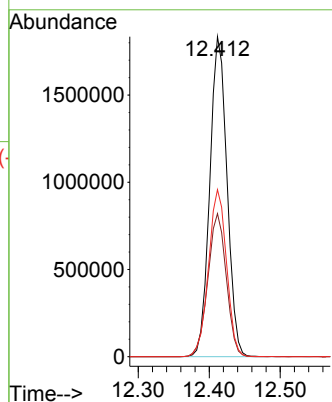
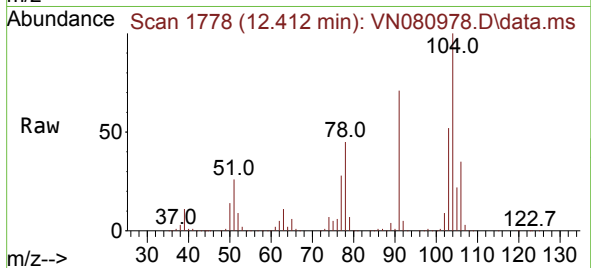
Tgt Ion:104 Resp: 3088775

Ion Ratio Lower Upper

104 100

78 47.8 42.6 64.0

103 54.7 43.7 65.5



#70

Isopropylbenzene

Concen: 181.401 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN080978.D

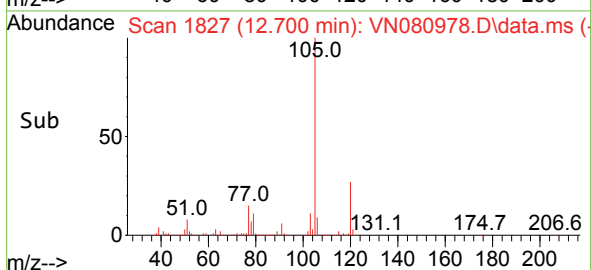
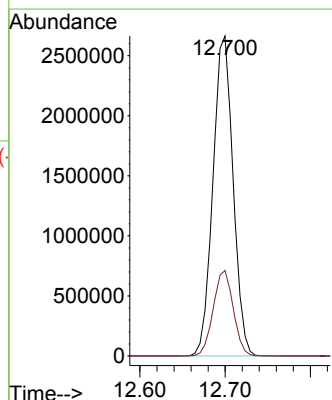
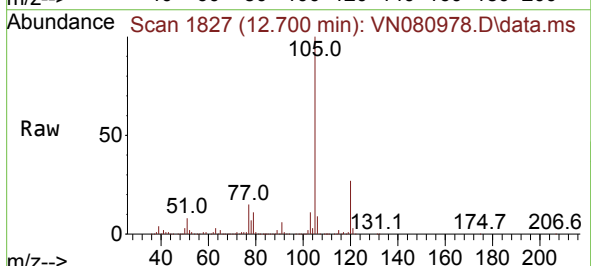
Acq: 09 Feb 2024 09:36

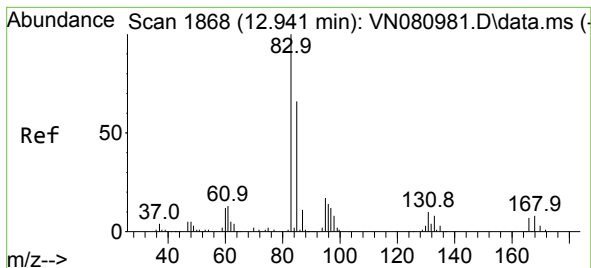
Tgt Ion:105 Resp: 4369485

Ion Ratio Lower Upper

105 100

120 26.6 17.8 33.1





#71

1,1,2,2-Tetrachloroethane

Concen: 168.362 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

ClientSampleId :

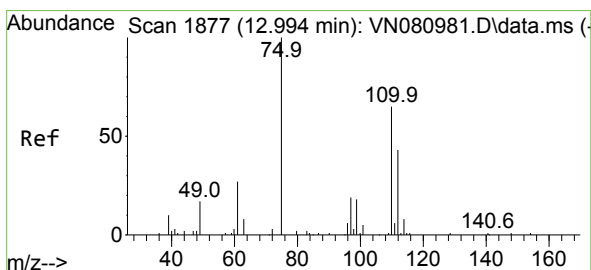
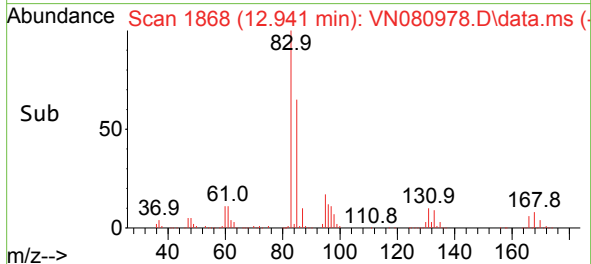
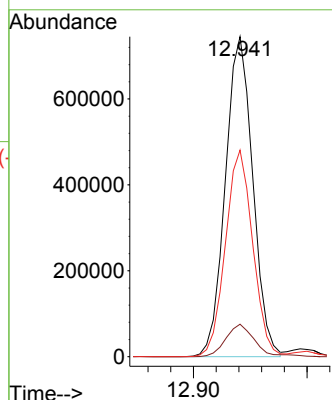
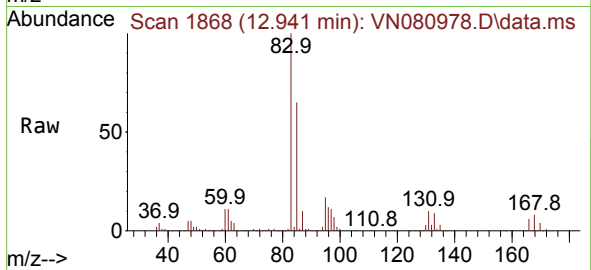
Tgt Ion: 83 Resp: 1250514

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 64.3 32.3 96.8



#72

1,2,3-Trichloropropane

Concen: 291.372 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080978.D

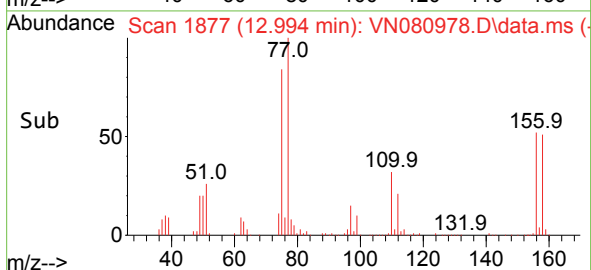
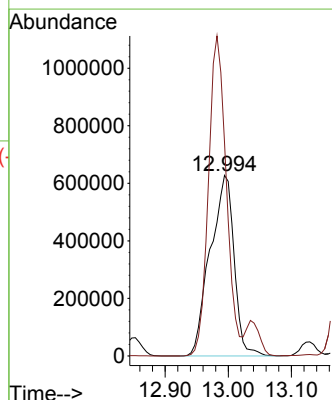
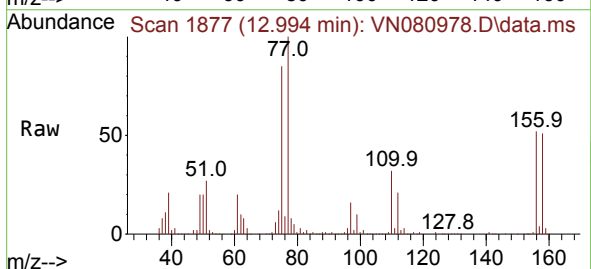
Acq: 09 Feb 2024 09:36

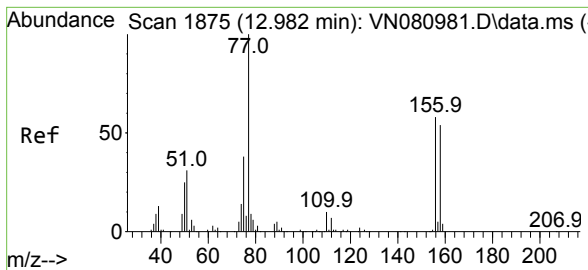
Tgt Ion: 75 Resp: 1653460

Ion Ratio Lower Upper

75 100

77 132.7 0.0 367.6

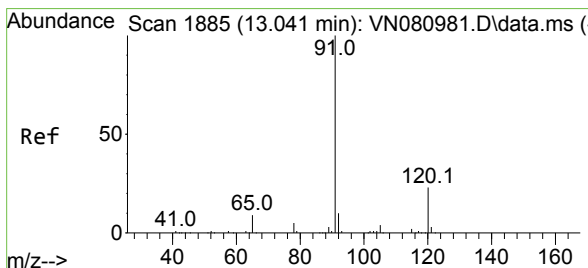
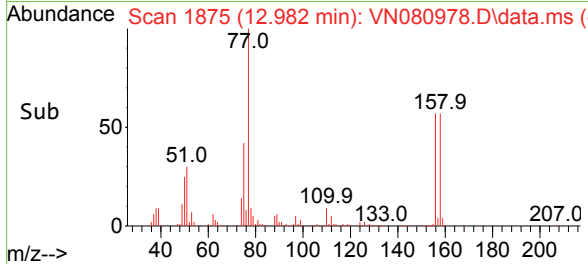
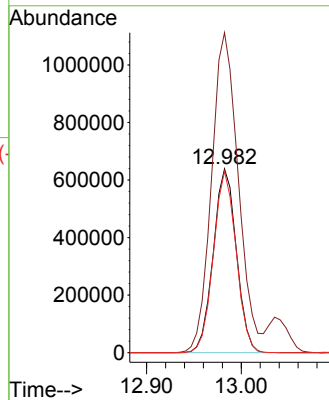
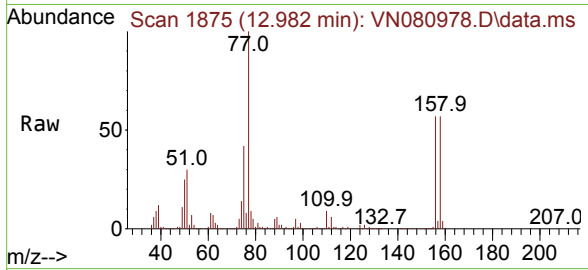




#73  
Bromobenzene  
Concen: 181.130 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

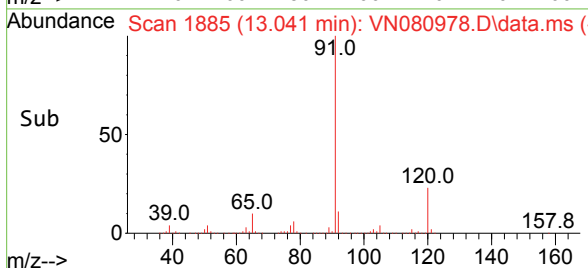
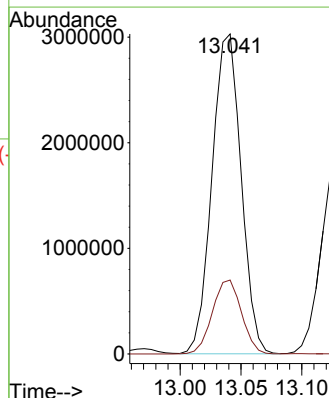
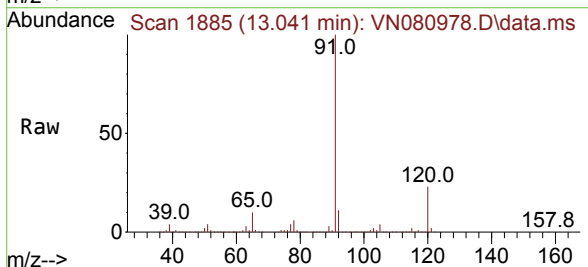
Instrument :  
MSVOA\_N  
ClientSampleId :

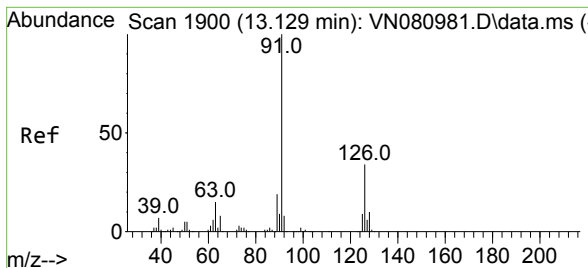
Tgt Ion:156 Resp: 1084976  
Ion Ratio Lower Upper  
156 100  
77 202.3 0.0 437.6  
158 96.6 0.0 203.8



#74  
n-propylbenzene  
Concen: 183.968 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 91 Resp: 5036170  
Ion Ratio Lower Upper  
91 100  
120 23.1 0.0 43.8





#75

2-Chlorotoluene

Concen: 178.852 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

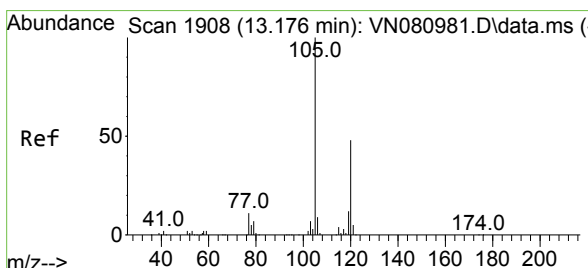
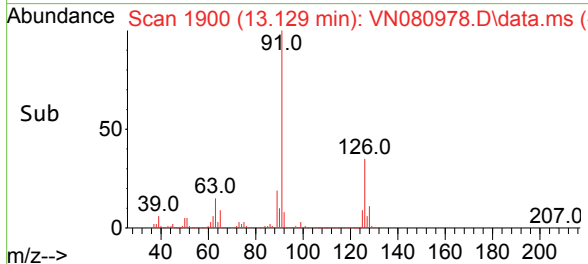
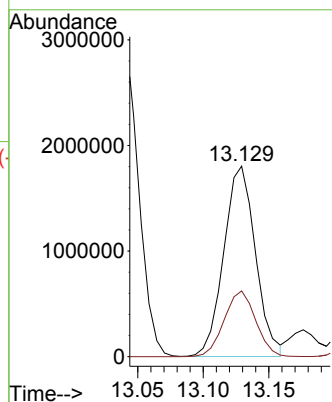
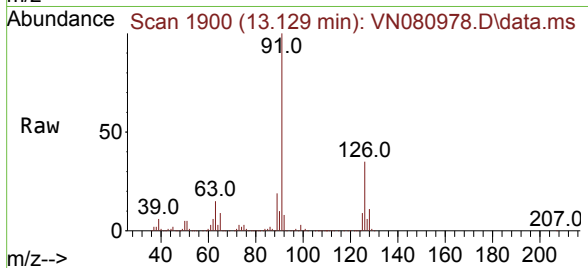
ClientSampleId :

Tgt Ion: 91 Resp: 3039429

Ion Ratio Lower Upper

91 100

126 34.3 0.0 61.2



#76

1,3,5-Trimethylbenzene

Concen: 184.864 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN080978.D

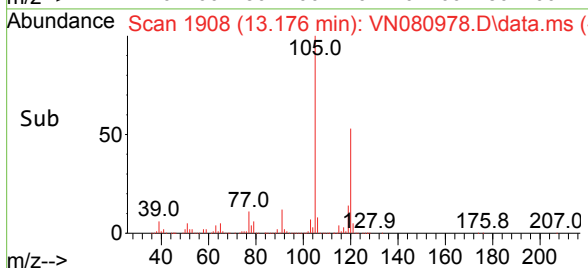
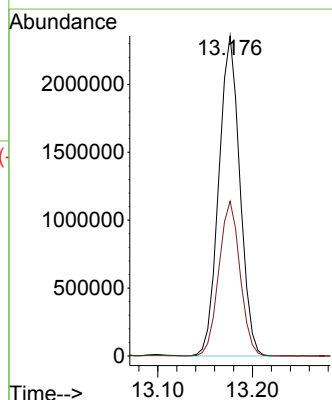
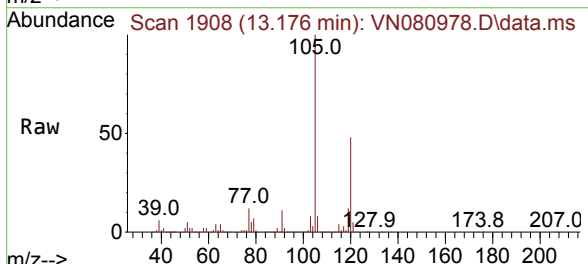
Acq: 09 Feb 2024 09:36

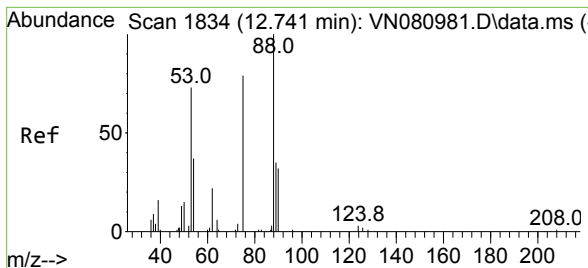
Tgt Ion:105 Resp: 3643432

Ion Ratio Lower Upper

105 100

120 48.5 0.0 95.8

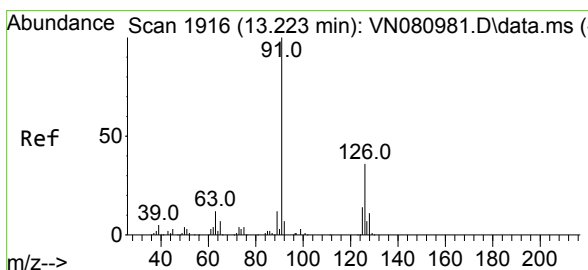
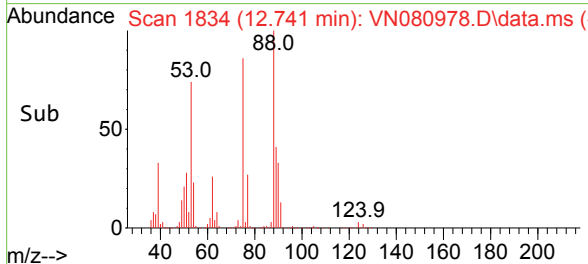
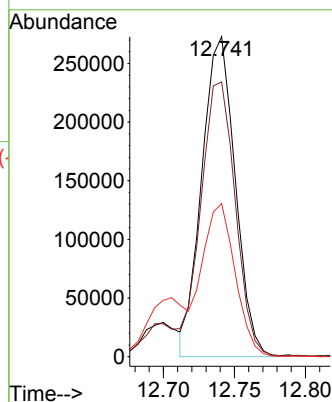
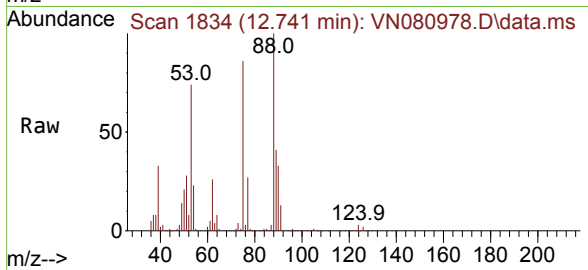




#77  
t-1,4-Dichloro-2-butene  
Concen: 204.446 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

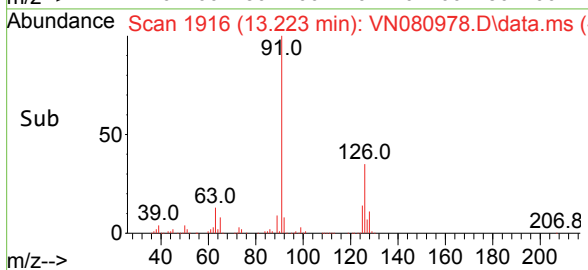
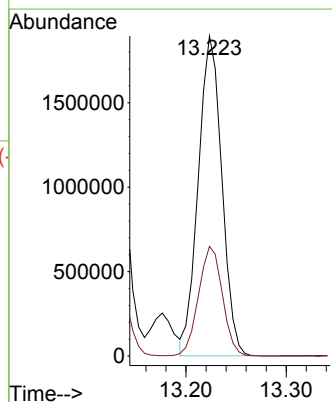
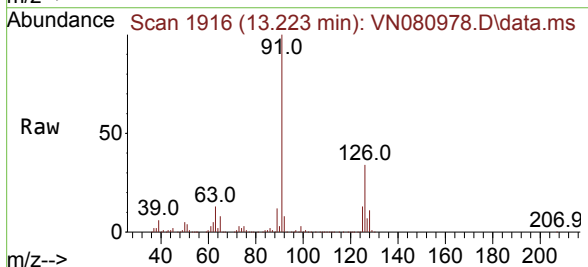
Instrument :  
MSVOA\_N  
ClientSampleId :

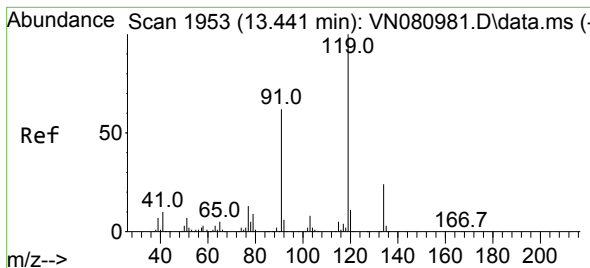
Tgt Ion: 75 Resp: 445905  
Ion Ratio Lower Upper  
75 100  
53 85.8 45.9 137.7  
89 47.9 25.9 77.7



#78  
4-Chlorotoluene  
Concen: 181.989 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN080978.D  
Acq: 09 Feb 2024 09:36

Tgt Ion: 91 Resp: 3097612  
Ion Ratio Lower Upper  
91 100  
126 34.8 0.0 62.8





#79

tert-butylbenzene

Concen: 183.737 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

ClientSampleId :

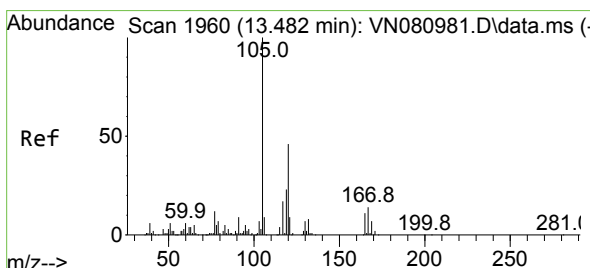
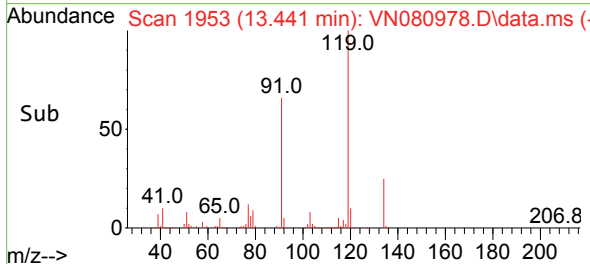
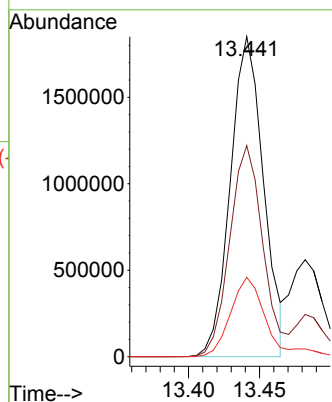
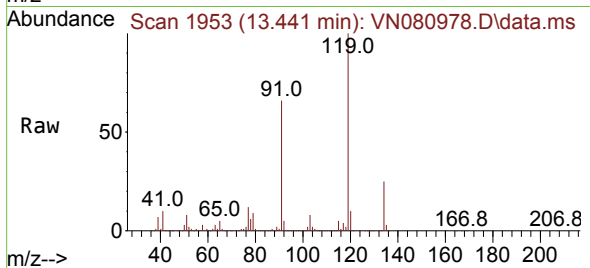
Tgt Ion:119 Resp: 3006049

Ion Ratio Lower Upper

119 100

91 66.5 0.0 138.8

134 24.8 0.0 48.6



#80

1,2,4-Trimethylbenzene

Concen: 185.814 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080978.D

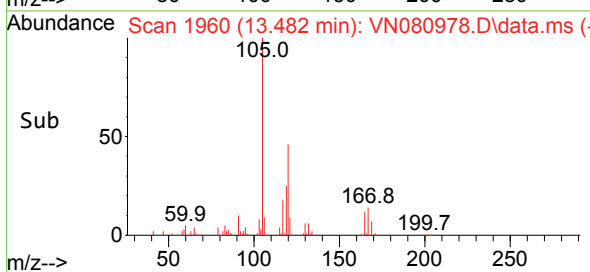
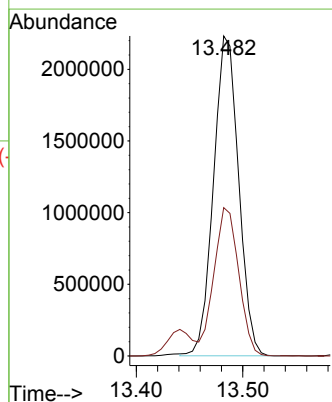
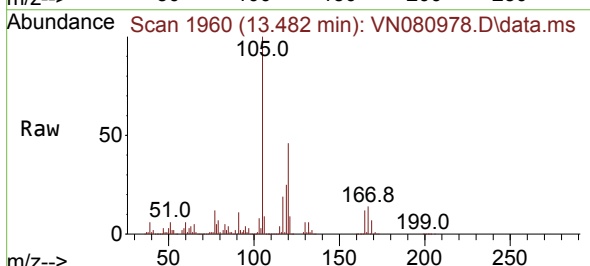
Acq: 09 Feb 2024 09:36

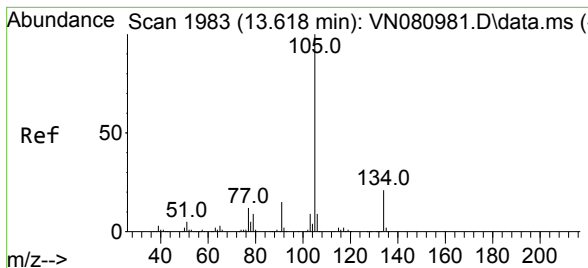
Tgt Ion:105 Resp: 3648837

Ion Ratio Lower Upper

105 100

120 45.6 0.0 86.8

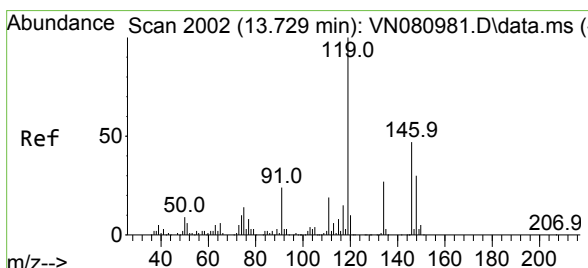
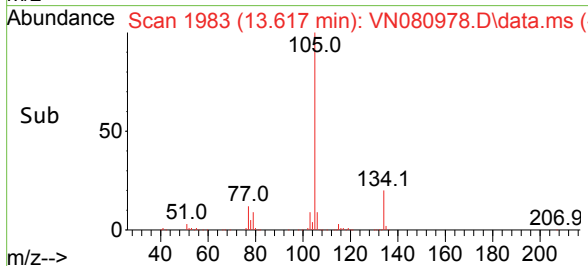
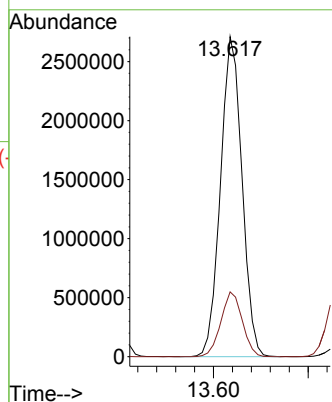
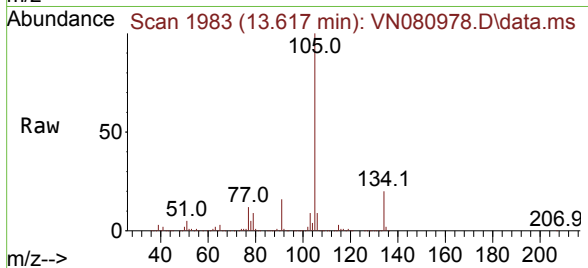




#81  
 sec-Butylbenzene  
 Concen: 186.776 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN080978.D  
 Acq: 09 Feb 2024 09:36

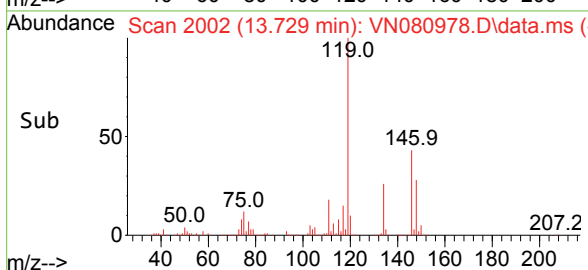
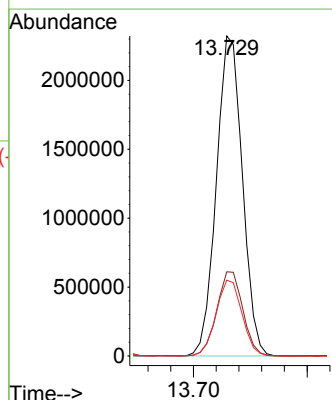
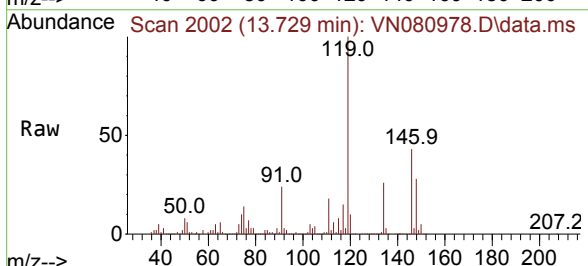
Instrument :  
 MSVOA\_N  
 ClientSampleId :

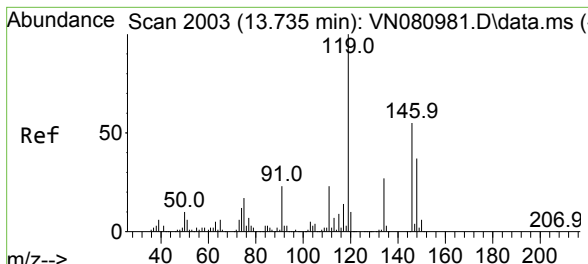
Tgt Ion:105 Resp: 4279201  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 0.0 39.0



#82  
 p-Isopropyltoluene  
 Concen: 192.049 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN080978.D  
 Acq: 09 Feb 2024 09:36

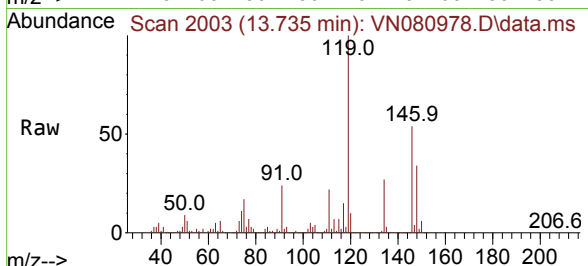
Tgt Ion:119 Resp: 3693934  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 0.0 49.2  
 91 23.5 0.0 48.8





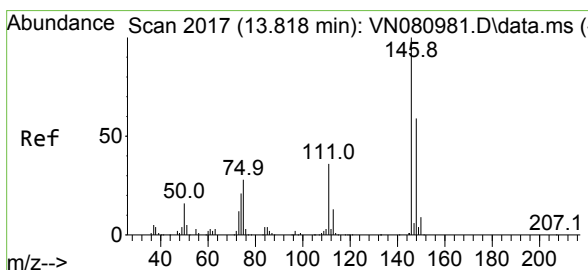
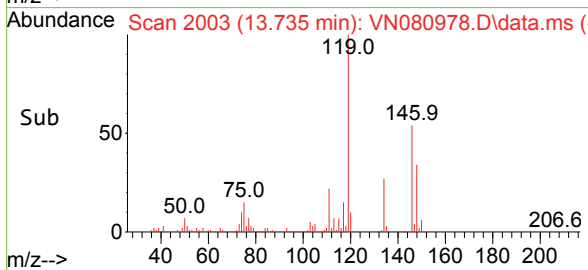
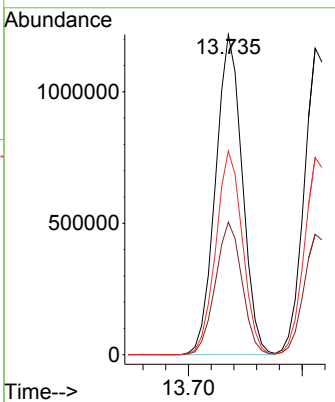
#83  
 1,3-Dichlorobenzene  
 Concen: 184.658 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. -0.000 min  
 Lab File: VN080978.D  
 Acq: 09 Feb 2024 09:36

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:146 Resp: 1989423

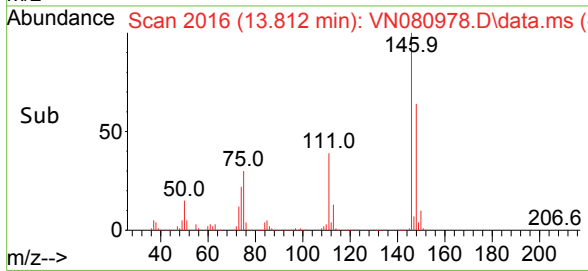
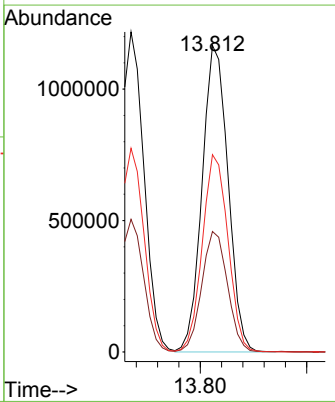
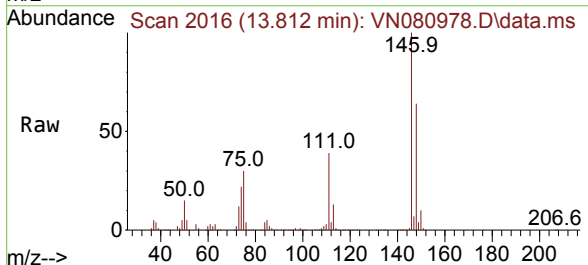
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 41.2  | 22.4  | 67.0  |
| 148 | 63.5  | 32.1  | 96.5  |

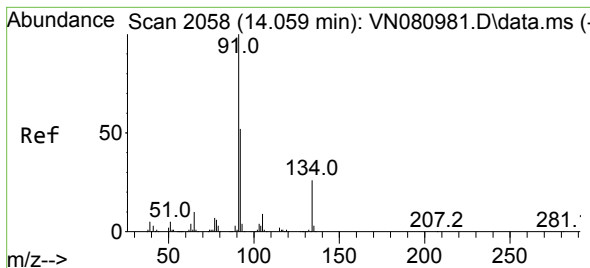


#84  
 1,4-Dichlorobenzene  
 Concen: 182.365 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. -0.006 min  
 Lab File: VN080978.D  
 Acq: 09 Feb 2024 09:36

Tgt Ion:146 Resp: 1972109

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 39.0  | 21.3  | 63.9  |
| 148 | 63.8  | 31.9  | 95.5  |





#85

n-Butylbenzene

Concen: 201.182 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

ClientSampleId :

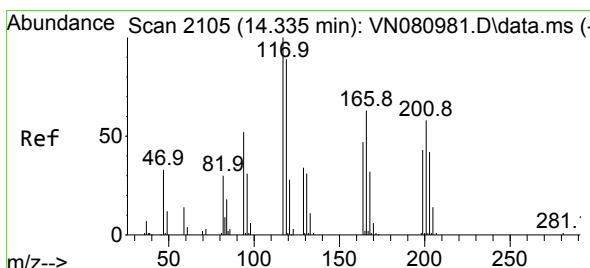
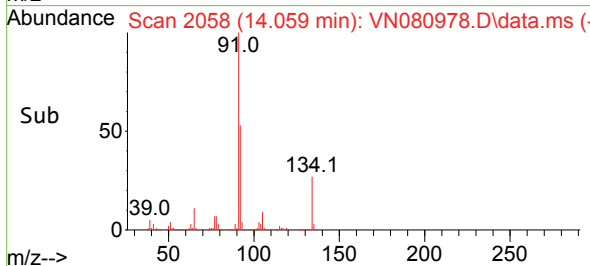
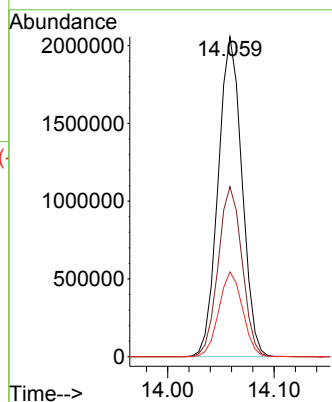
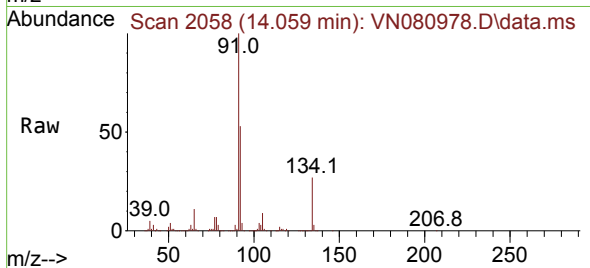
Tgt Ion: 91 Resp: 3192785

Ion Ratio Lower Upper

91 100

92 53.3 0.0 105.0

134 26.4 0.0 51.8



#86

Hexachloroethane

Concen: 198.658 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080978.D

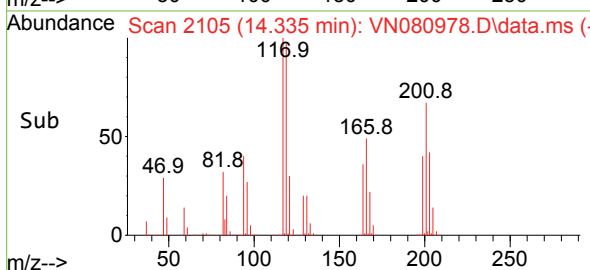
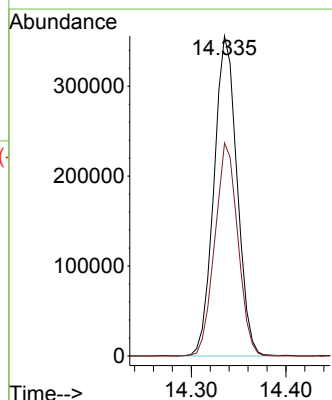
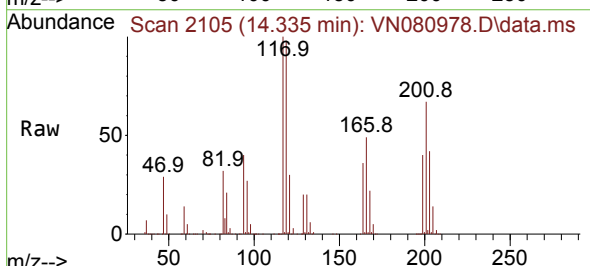
Acq: 09 Feb 2024 09:36

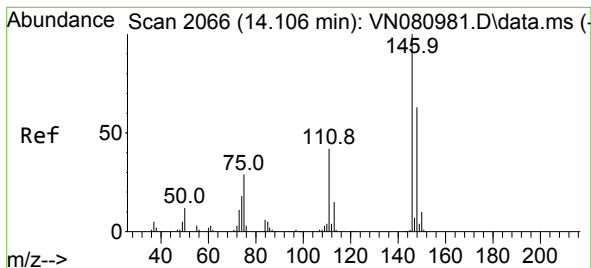
Tgt Ion: 117 Resp: 602704

Ion Ratio Lower Upper

117 100

201 66.4 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 177.634 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

ClientSampleId :

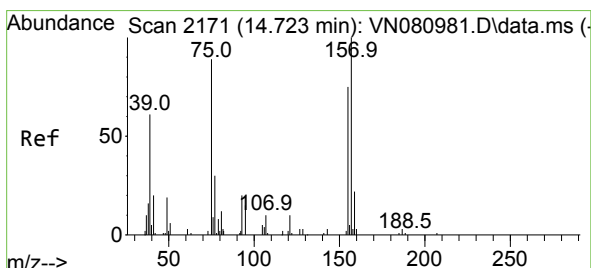
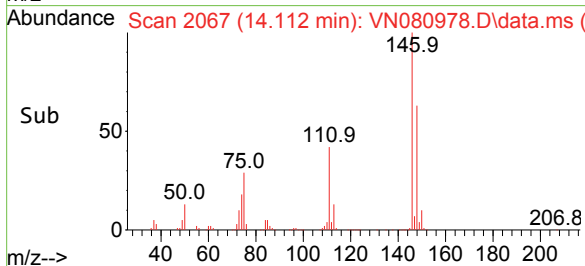
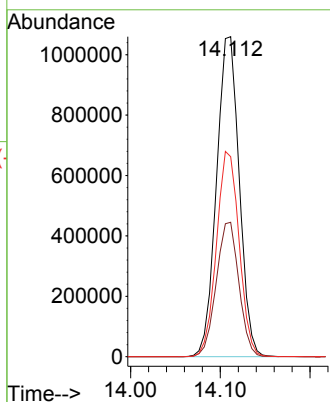
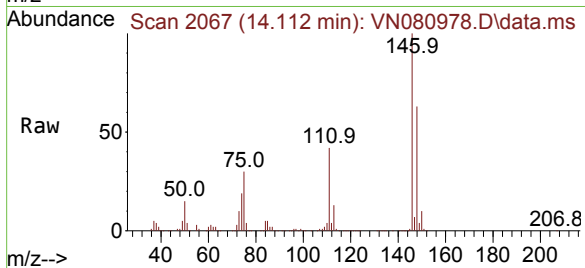
Tgt Ion:146 Resp: 1863217

Ion Ratio Lower Upper

146 100

111 41.9 22.6 67.8

148 64.0 31.3 93.8



#88

1,2-Dibromo-3-Chloropropane

Concen: 180.475 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

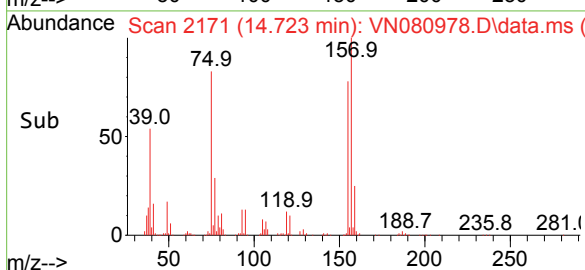
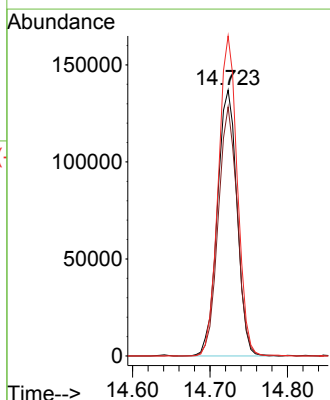
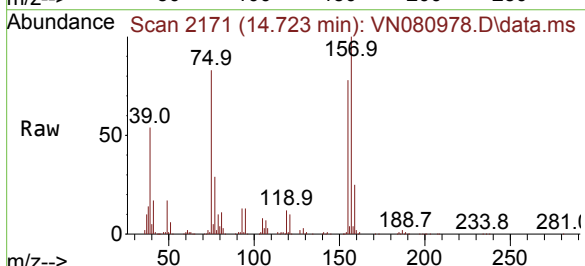
Tgt Ion: 75 Resp: 241951

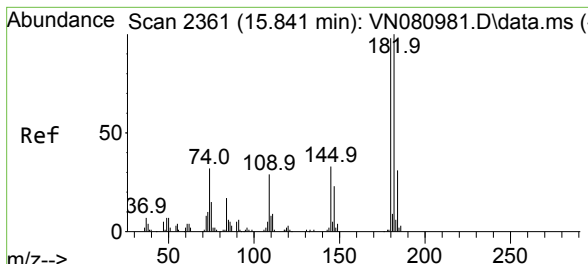
Ion Ratio Lower Upper

75 100

155 90.8 61.7 92.5

157 116.2 83.6 125.4

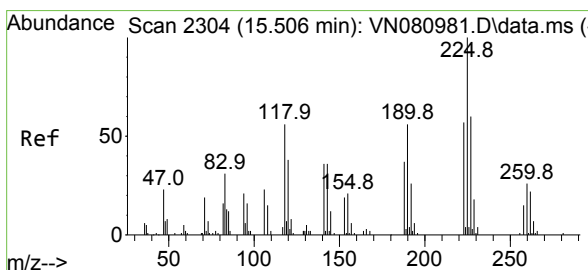
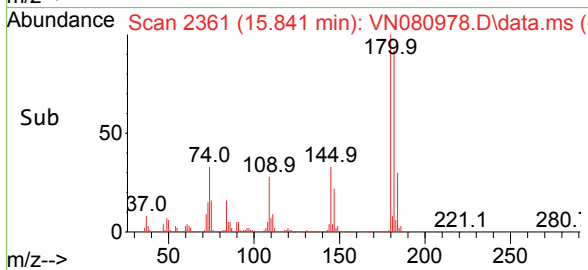
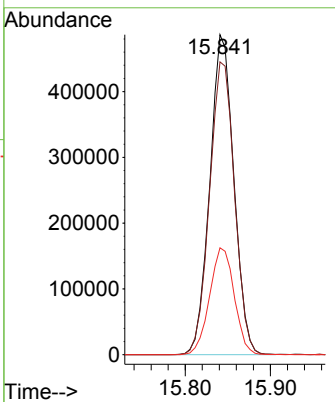
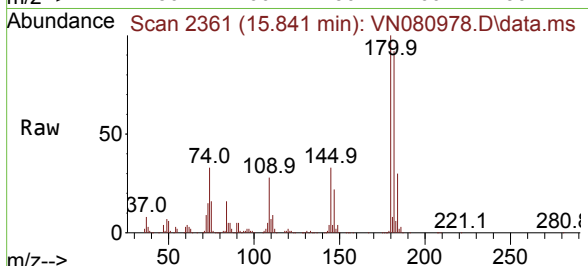




#89  
 1,2,4-Trichlorobenzene  
 Concen: 185.912 ug/l  
 RT: 15.841 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN080978.D  
 Acq: 09 Feb 2024 09:36

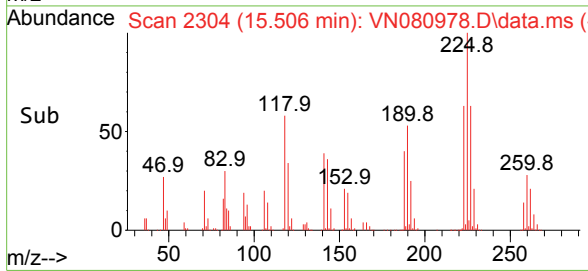
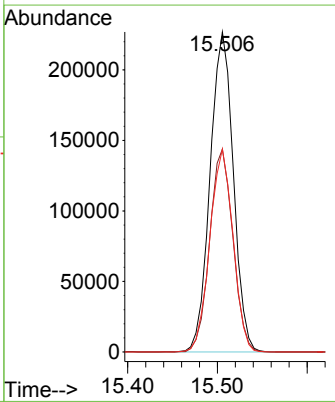
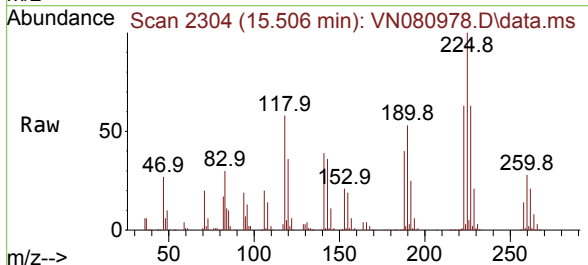
Instrument :  
 MSVOA\_N  
 ClientSampleId :

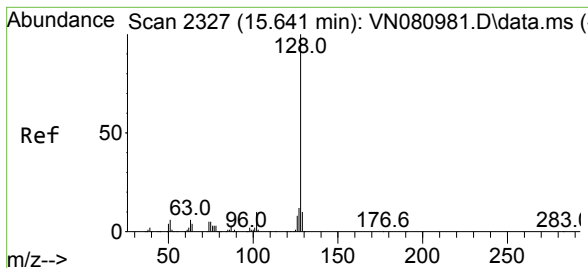
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 953985 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.1  | 76.4  | 114.6  |
| 145       | 34.3  | 28.4  | 42.6   |



#90  
 Hexachlorobutadiene  
 Concen: 181.109 ug/l  
 RT: 15.506 min Scan# 2304  
 Delta R.T. -0.000 min  
 Lab File: VN080978.D  
 Acq: 09 Feb 2024 09:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 407733 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.5  | 0.0   | 126.6  |
| 227       | 63.2  | 0.0   | 126.6  |





#91

Naphthalene

Concen: 186.856 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Instrument :

MSVOA\_N

ClientSampleId :

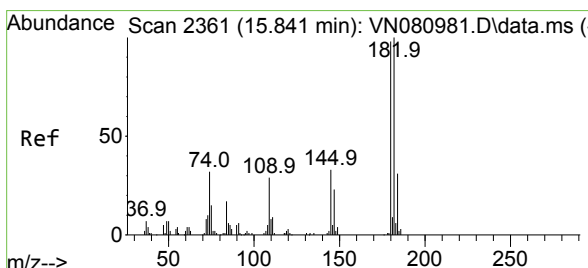
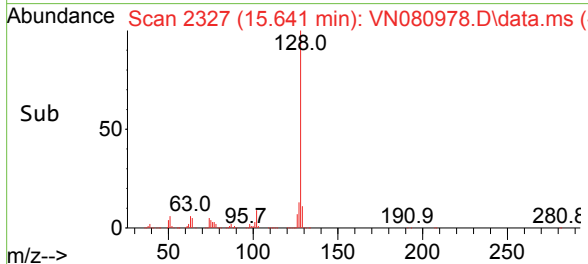
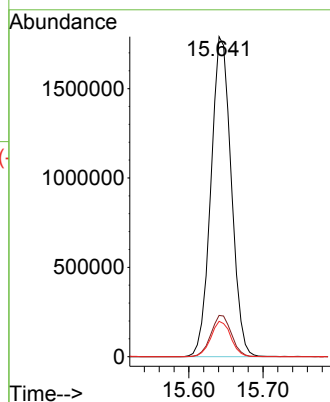
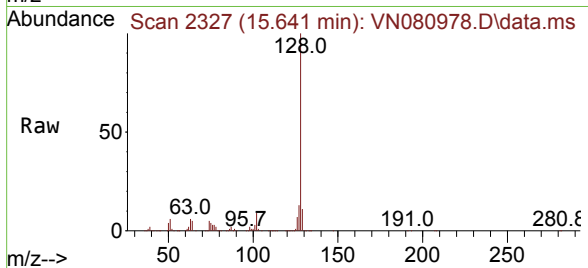
Tgt Ion:128 Resp: 3404543

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 185.912 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080978.D

Acq: 09 Feb 2024 09:36

Tgt Ion:180 Resp: 953985

Ion Ratio Lower Upper

180 100

182 95.1 0.0 191.0

145 34.3 0.0 71.0

