

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020224\  
 Data File : VN080875.D  
 Acq On : 02 Feb 2024 15:42  
 Operator : JC\MD  
 Sample : VN0202WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202WBS01

Quant Time: Feb 02 23:50:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 29 12:54:23 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.224  | 168   | 94096    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 193945   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 171977   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 67256    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.583  | 65    | 78649    | 48.315   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 96.620%  |
| 35) Dibromofluoromethane     | 8.165  | 113   | 55018    | 46.368   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 92.740%  |
| 50) Toluene-d8               | 10.571 | 98    | 210454   | 45.316   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 90.640%  |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 71672    | 44.287   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 88.580%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 26424    | 18.906   | ug/l   | 88       |
| 3) Chloromethane             | 2.359  | 50    | 38120    | 18.145   | ug/l   | 94       |
| 4) Vinyl Chloride            | 2.512  | 62    | 29418    | 18.419   | ug/l   | 93       |
| 5) Bromomethane              | 2.953  | 94    | 14452    | 22.622   | ug/l   | 97       |
| 6) Chloroethane              | 3.118  | 64    | 19987    | 23.472   | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 3.495  | 101   | 40405    | 19.546   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.959  | 74    | 18023    | 18.900   | ug/l   | 89       |
| 9) 1,1,2-Trichlorotrifluo... | 4.377  | 101   | 23424    | 19.433   | ug/l   | 94       |
| 10) Methyl Iodide            | 4.583  | 142   | 20071    | 19.725   | ug/l # | 88       |
| 11) Tert butyl alcohol       | 5.512  | 59    | 29071    | 109.555  | ug/l # | 86       |
| 12) 1,1-Dichloroethene       | 4.330  | 96    | 26070    | 19.738   | ug/l   | 90       |
| 13) Acrolein                 | 4.177  | 56    | 37539    | 112.182  | ug/l   | 96       |
| 14) Allyl chloride           | 5.024  | 41    | 54319    | 20.807   | ug/l   | 99       |
| 15) Acrylonitrile            | 5.718  | 53    | 86011    | 107.776  | ug/l   | 98       |
| 16) Acetone                  | 4.424  | 43    | 68475    | 115.986  | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.718  | 76    | 71260    | 17.330   | ug/l   | 96       |
| 18) Methyl Acetate           | 5.024  | 43    | 48721    | 23.680   | ug/l # | 83       |
| 19) Methyl tert-butyl Ether  | 5.794  | 73    | 94322    | 20.267   | ug/l   | 93       |
| 20) Methylene Chloride       | 5.277  | 84    | 31013    | 20.012   | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.777  | 96    | 28198    | 19.651   | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.671  | 45    | 120216   | 20.870   | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.606  | 43    | 460129   | 110.399  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.571  | 63    | 61216    | 20.955   | ug/l   | 96       |
| 25) 2-Butanone               | 7.477  | 43    | 122524   | 109.264  | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 7.488  | 77    | 48688    | 20.620   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.483  | 96    | 32187    | 19.378   | ug/l   | 94       |
| 28) Bromochloromethane       | 7.812  | 49    | 33823    | 21.868   | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.835  | 42    | 80472    | 106.055  | ug/l   | 99       |
| 30) Chloroform               | 7.965  | 83    | 54327    | 20.017   | ug/l   | 92       |
| 31) Cyclohexane              | 8.253  | 56    | 53965    | 19.333   | ug/l # | 96       |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 44604    | 20.267   | ug/l   | 93       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 42773    | 19.394   | ug/l   | 95       |
| 37) Ethyl Acetate            | 7.565  | 43    | 46571    | 20.513   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.365  | 117   | 34637    | 19.492   | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.606  | 83    | 39443    | 17.993   | ug/l   | 90       |
| 40) Benzene                  | 8.606  | 78    | 137612   | 21.230   | ug/l   | 94       |

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 Sample : VN0202WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202WBS01

Quant Time: Feb 02 23:50:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 29 12:54:23 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 26758    | 19.997  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 46512    | 22.025  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.688  | 43   | 83279    | 20.148  | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 26529    | 18.582  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 35915    | 20.474  | ug/l   | 95       |
| 46) Dibromomethane            | 9.706  | 93   | 20926    | 20.124  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.888  | 83   | 43476    | 20.593  | ug/l # | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 37988    | 18.957  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 11263    | 466.613 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 254509   | 110.144 | ug/l   | 97       |
| 52) Toluene                   | 10.629 | 92   | 76770    | 20.656  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 46666    | 18.974  | ug/l   | 89       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 53103    | 19.855  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 29229    | 20.464  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 47536    | 21.650  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 52943    | 19.696  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 142439   | 111.281 | ug/l   | 100      |
| 59) 2-Hexanone                | 11.194 | 43   | 190476   | 106.122 | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.365 | 129  | 25708    | 19.351  | ug/l   | 94       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 27206    | 20.324  | ug/l   | 93       |
| 64) Tetrachloroethene         | 11.106 | 164  | 21824    | 19.307  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.888 | 112  | 74381    | 19.817  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 23454    | 19.216  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 134213   | 19.239  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.071 | 106  | 96357    | 38.893  | ug/l   | 96       |
| 69) o-Xylene                  | 12.400 | 106  | 48046    | 19.517  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 79743    | 20.170  | ug/l   | 98       |
| 71) Bromoform                 | 12.582 | 173  | 15826    | 19.177  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.700 | 105  | 117698   | 19.110  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 73290    | 19.166  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 44433    | 20.509  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 54938    | 27.084  | ug/l   | 65       |
| 77) Bromobenzene              | 12.982 | 156  | 24252    | 18.421  | ug/l   | 91       |
| 78) n-propylbenzene           | 13.041 | 91   | 145489   | 19.773  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 87083    | 18.621  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 94290    | 19.223  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 14121    | 17.934  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 88092    | 19.024  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 76444    | 19.516  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 96349    | 19.387  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 113253   | 19.612  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 85357    | 19.020  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 45130    | 19.164  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 44788    | 18.970  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.059 | 91   | 80226    | 18.268  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 14372    | 18.302  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 45801    | 21.250  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 7451     | 18.400  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 21183    | 19.095  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 8648     | 17.844  | ug/l   | 97       |
| 95) Naphthalene               | 15.641 | 128  | 84166    | 19.827  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 24184    | 22.179  | ug/l   | 99       |

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Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Mon Jan 29 12:54:23 2024  
Response via : Initial Calibration

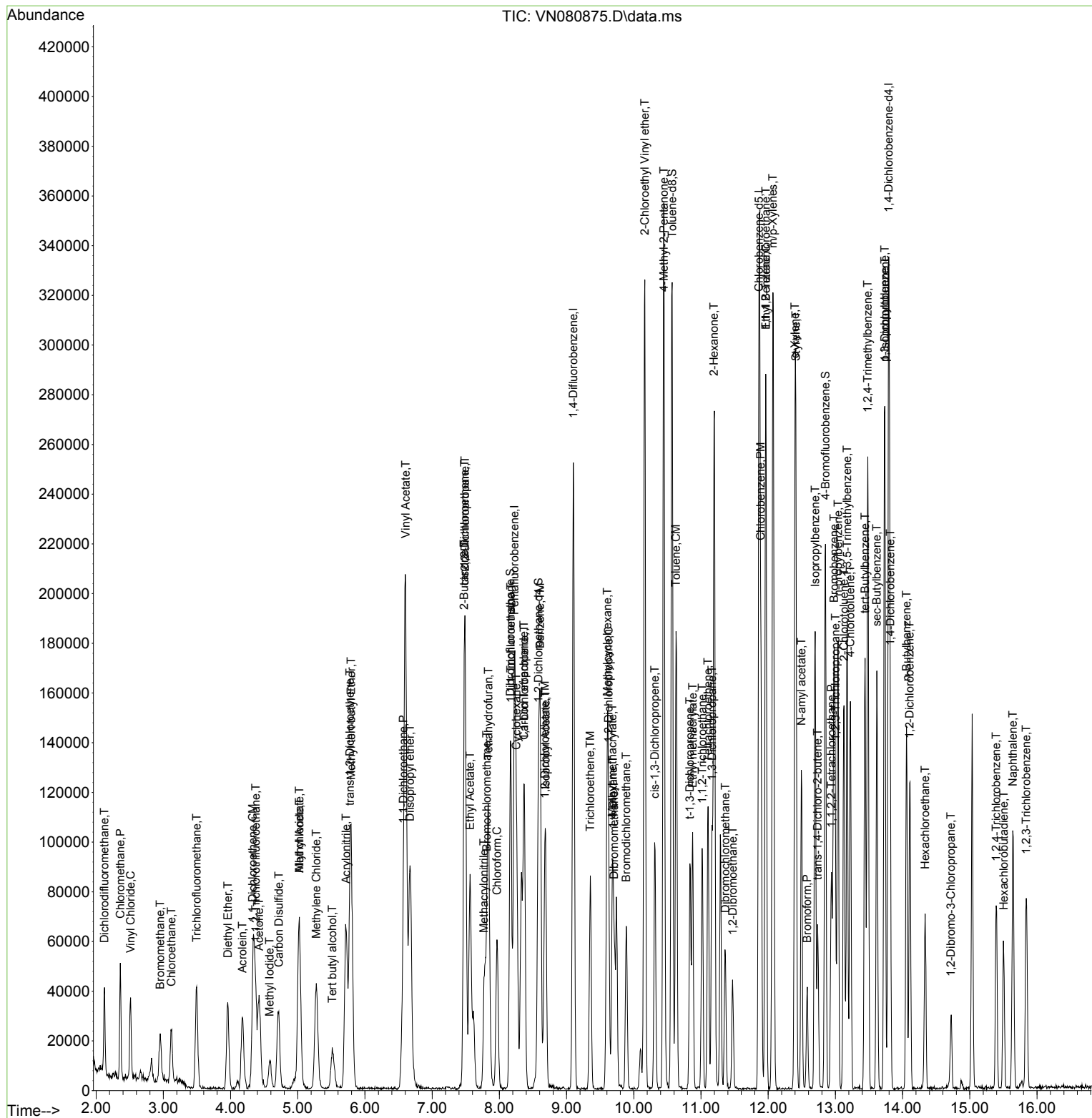
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

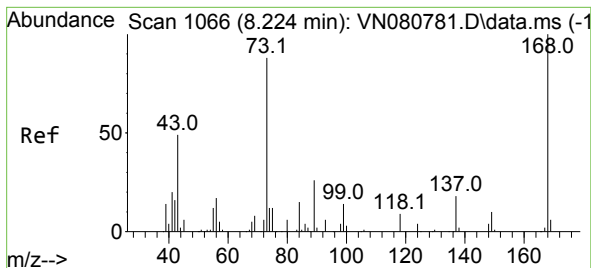
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 Sample : VN0202WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202WBS01

Quant Time: Feb 02 23:50:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 29 12:54:23 2024  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Instrument :

MSVOA\_N

ClientSampleId :

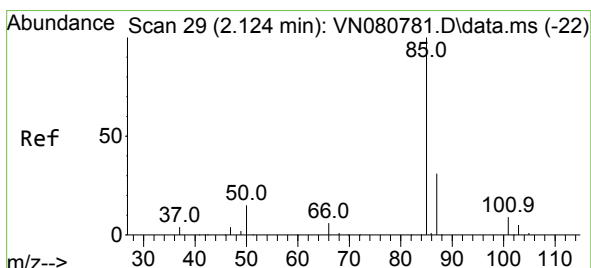
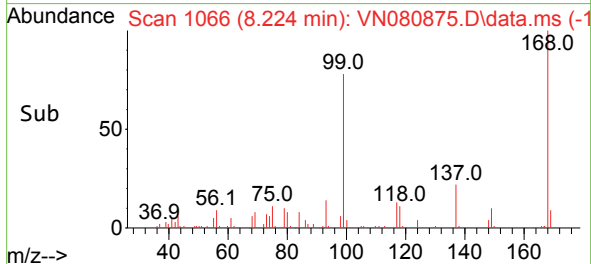
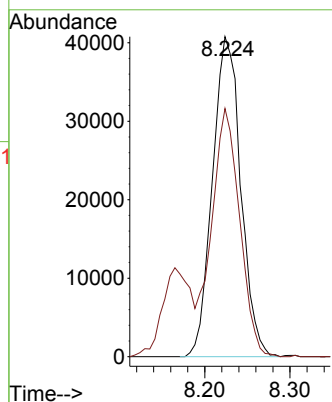
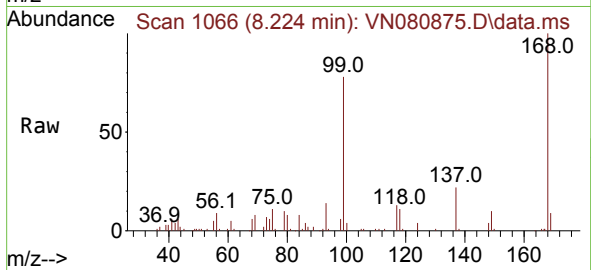
VN0202WBS01

Tgt Ion:168 Resp: 94096

Ion Ratio Lower Upper

168 100

99 77.5 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 18.906 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080875.D

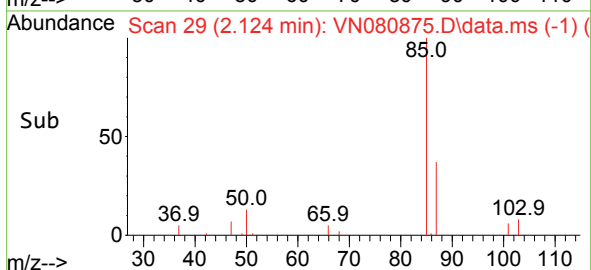
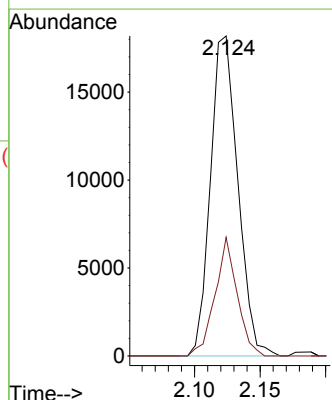
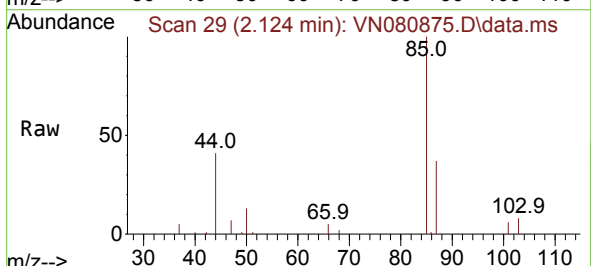
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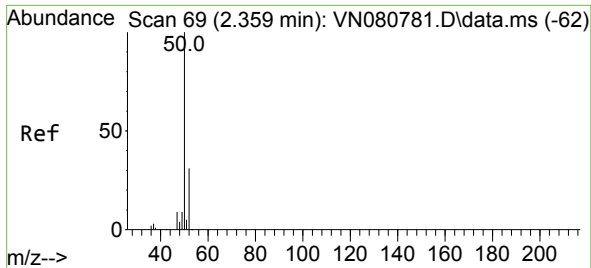
Tgt Ion: 85 Resp: 26424

Ion Ratio Lower Upper

85 100

87 37.1 15.3 45.9

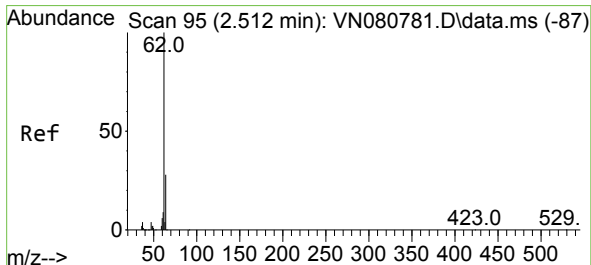
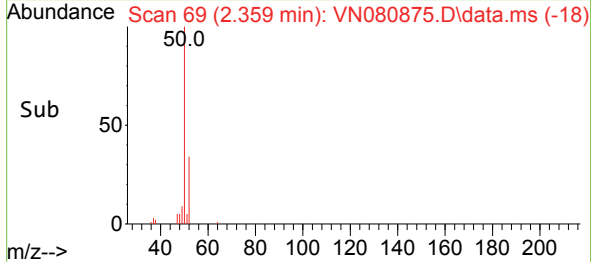
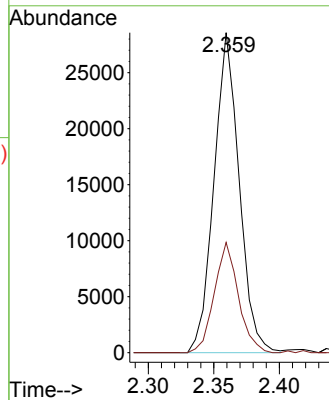
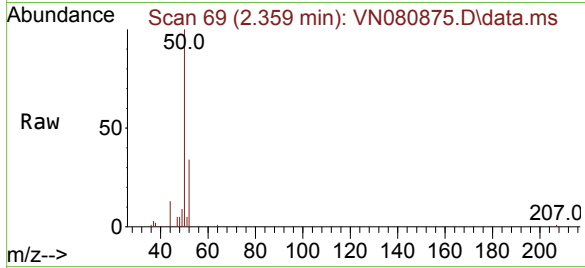




#3  
Chloromethane  
Concen: 18.145 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

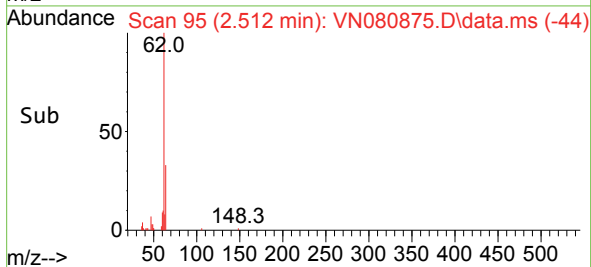
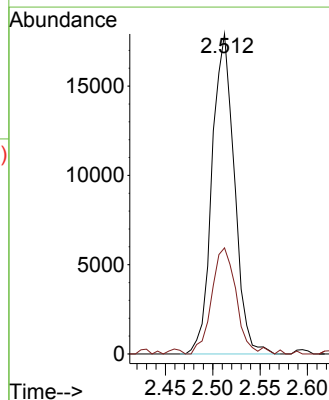
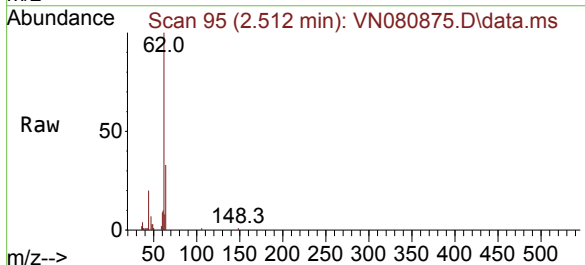
Instrument :  
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VN0202WBS01

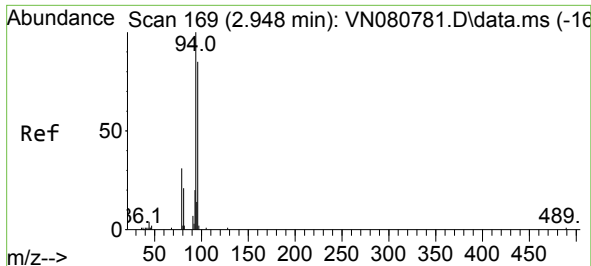
Tgt Ion: 50 Resp: 38120  
Ion Ratio Lower Upper  
50 100  
52 34.5 25.0 37.4



#4  
Vinyl Chloride  
Concen: 18.419 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 62 Resp: 29418  
Ion Ratio Lower Upper  
62 100  
64 32.0 22.7 34.1

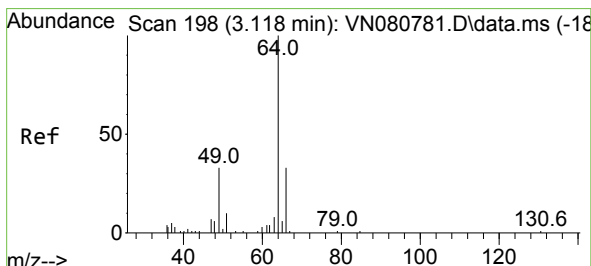
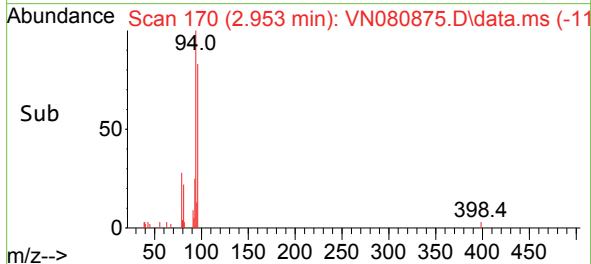
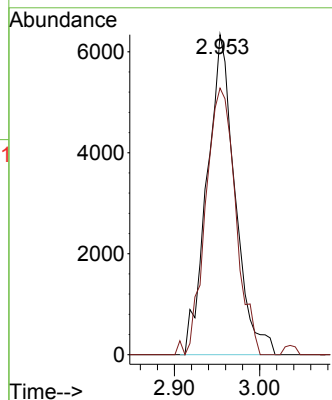
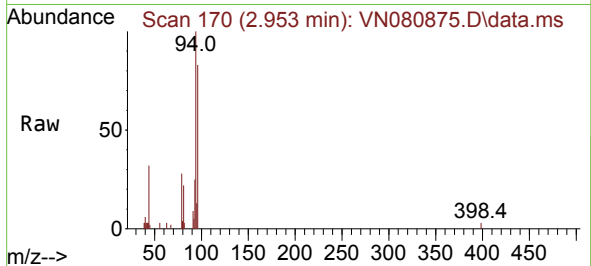




#5  
Bromomethane  
Concen: 22.622 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

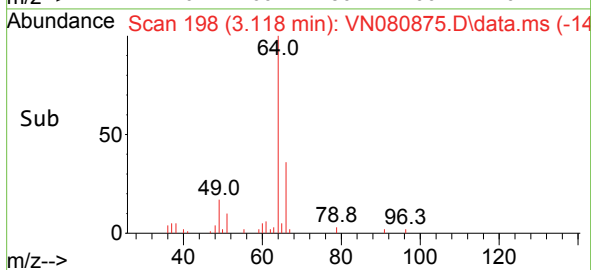
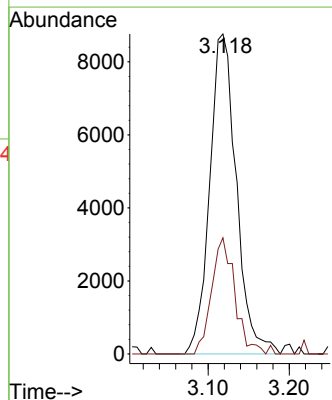
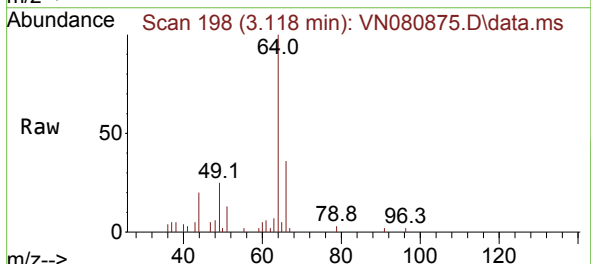
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ClientSampleId :  
VN0202WBS01

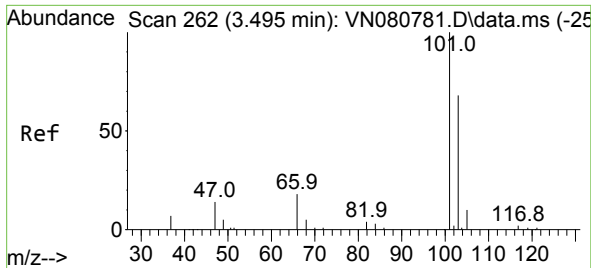
Tgt Ion: 94 Resp: 14452  
Ion Ratio Lower Upper  
94 100  
96 83.3 69.2 103.8



#6  
Chloroethane  
Concen: 23.472 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 64 Resp: 19987  
Ion Ratio Lower Upper  
64 100  
66 36.3 26.4 39.6

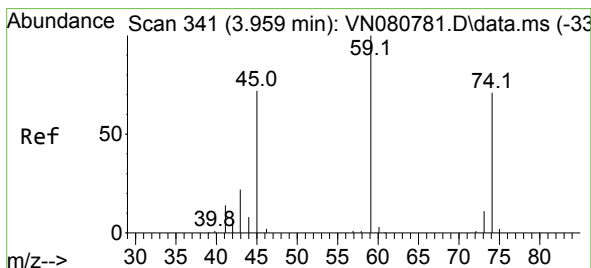
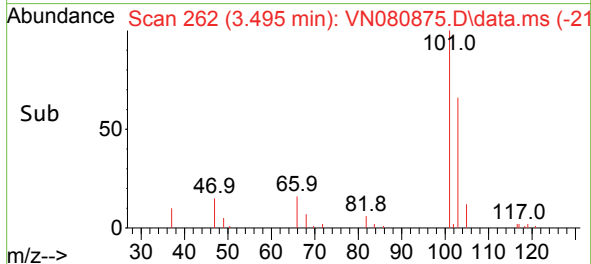
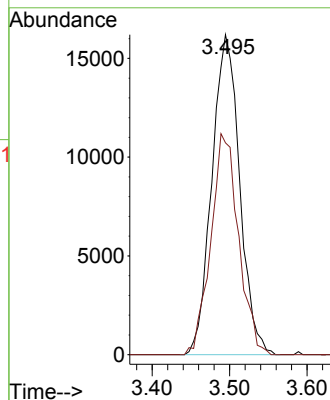
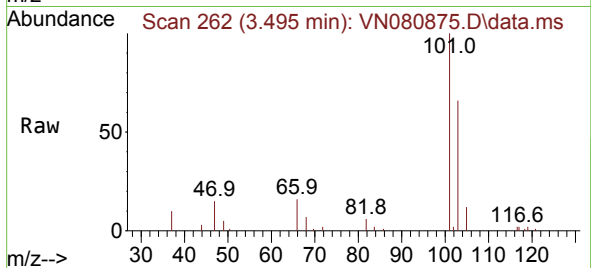




#7  
 Trichlorofluoromethane  
 Concen: 19.546 ug/l  
 RT: 3.495 min Scan# 262  
 Delta R.T. 0.000 min  
 Lab File: VN080875.D  
 Acq: 02 Feb 2024 15:42

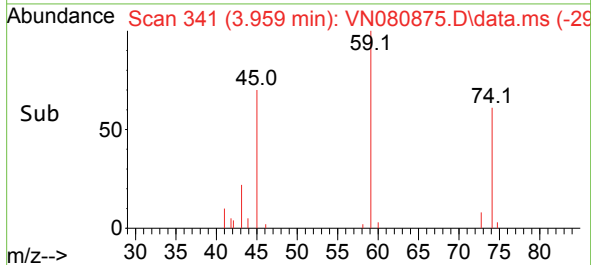
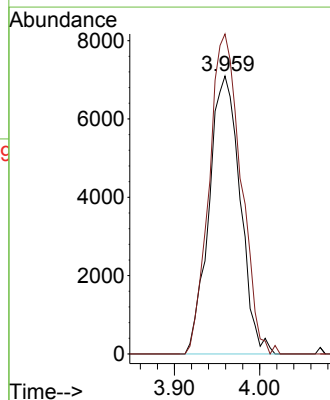
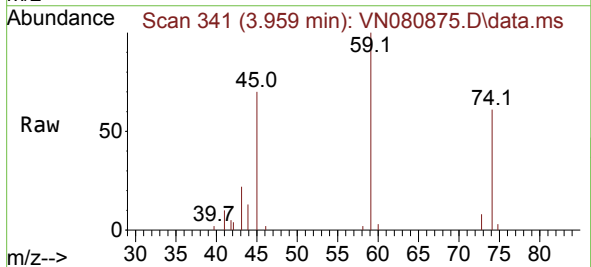
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202WBS01

Tgt Ion:101 Resp: 40405  
 Ion Ratio Lower Upper  
 101 100  
 103 66.2 54.4 81.6

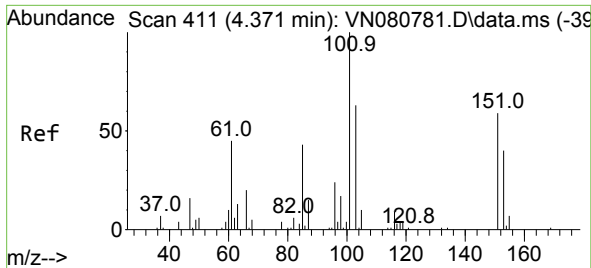


#8  
 Diethyl Ether  
 Concen: 18.900 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.000 min  
 Lab File: VN080875.D  
 Acq: 02 Feb 2024 15:42

Tgt Ion: 74 Resp: 18023  
 Ion Ratio Lower Upper  
 74 100  
 45 117.8 53.3 159.9



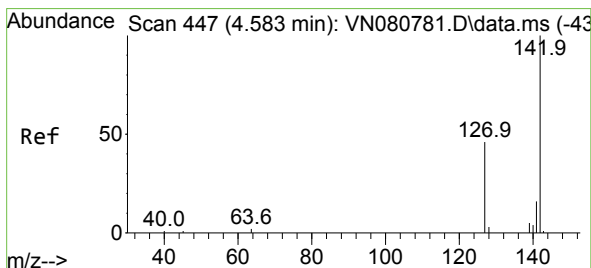
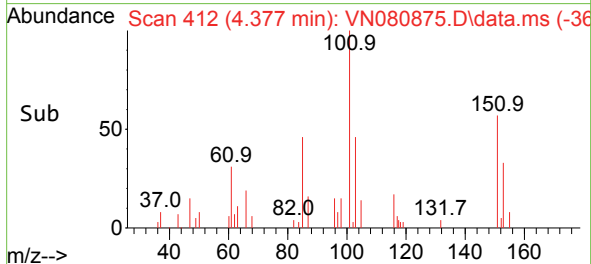
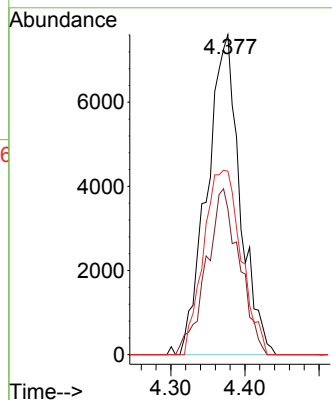
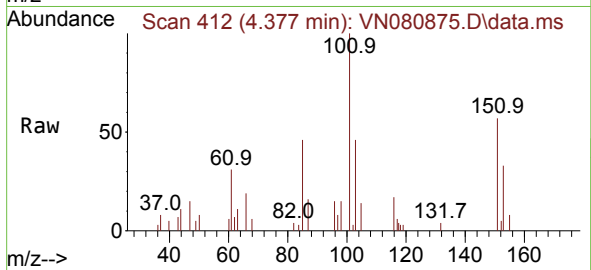




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.433 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

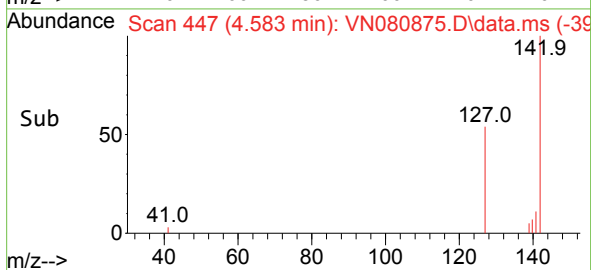
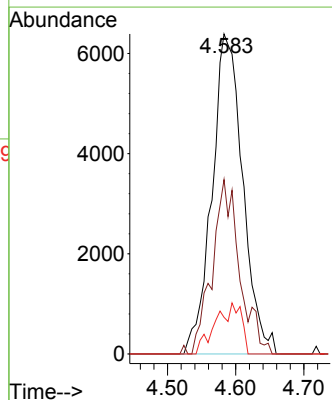
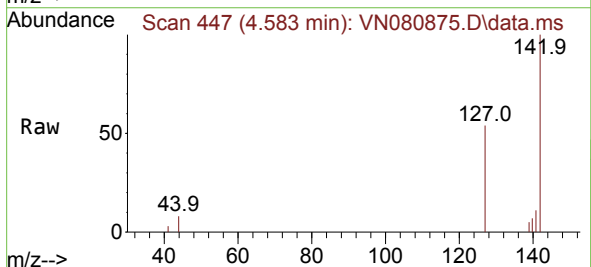
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

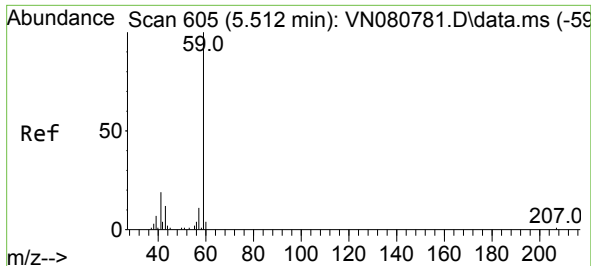
Tgt Ion:101 Resp: 23424  
Ion Ratio Lower Upper  
101 100  
85 52.3 38.1 57.1  
151 65.9 49.1 73.7



#10  
Methyl Iodide  
Concen: 19.725 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion:142 Resp: 20071  
Ion Ratio Lower Upper  
142 100  
127 54.5 37.0 55.4  
141 11.5 12.5 18.7#

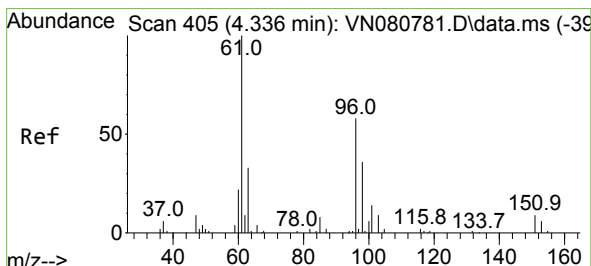
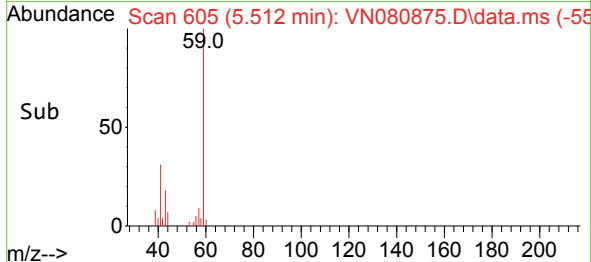
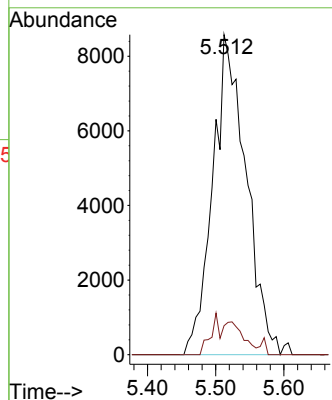
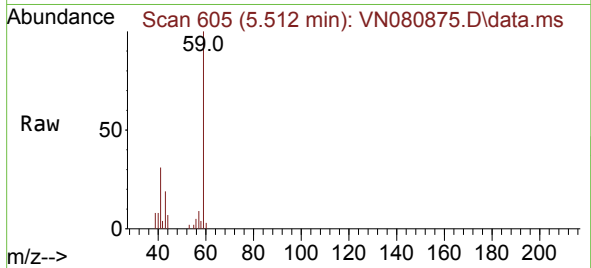




#11  
Tert butyl alcohol  
Concen: 109.555 ug/l  
RT: 5.512 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

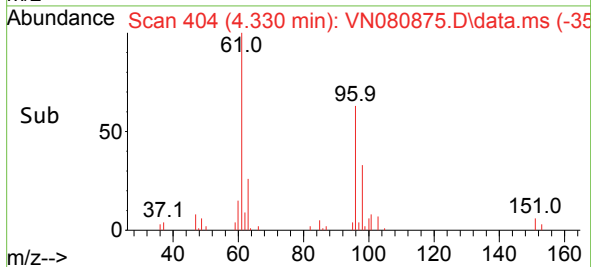
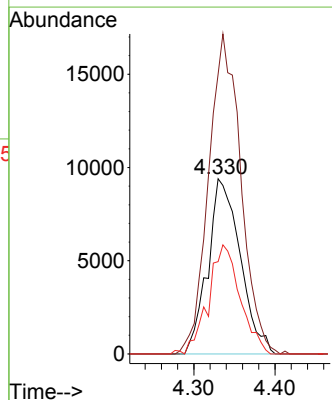
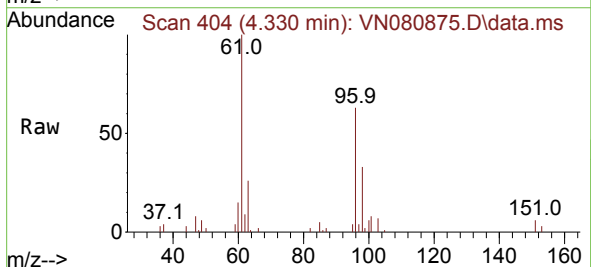
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

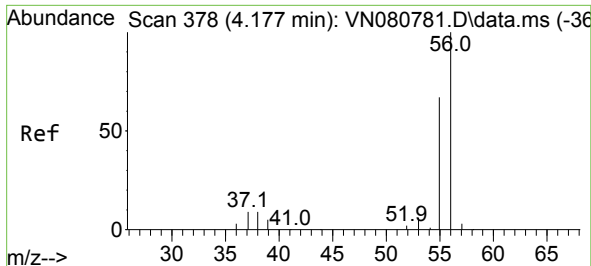
Tgt Ion: 59 Resp: 29071  
Ion Ratio Lower Upper  
59 100  
57 5.3 8.6 12.8#



#12  
1,1-Dichloroethene  
Concen: 19.738 ug/l  
RT: 4.330 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

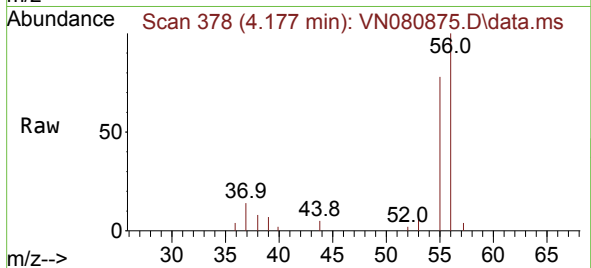
Tgt Ion: 96 Resp: 26070  
Ion Ratio Lower Upper  
96 100  
61 159.7 138.2 207.4  
98 52.7 49.2 73.8



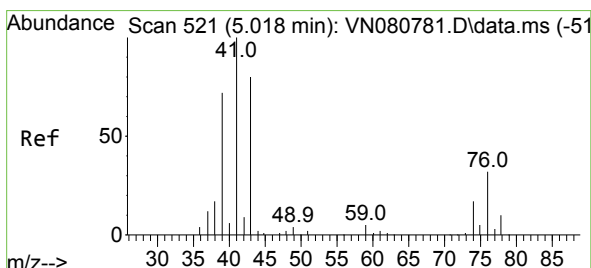
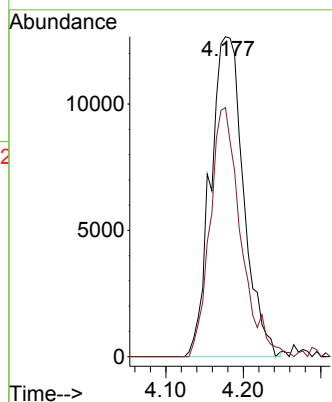
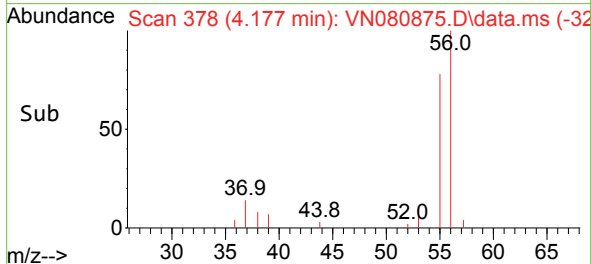


#13  
Acrolein  
Concen: 112.182 ug/l  
RT: 4.177 min Scan# 378  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

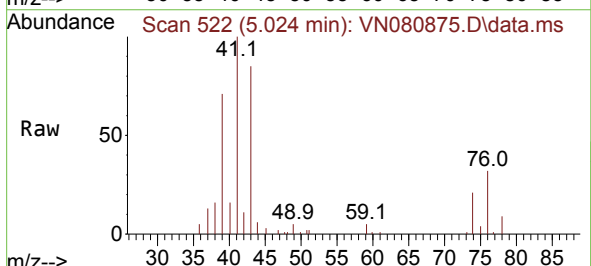
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01



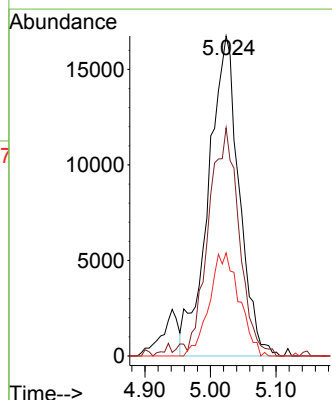
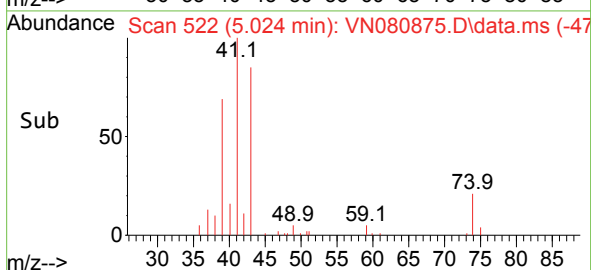
Tgt Ion: 56 Resp: 37539  
Ion Ratio Lower Upper  
56 100  
55 72.3 55.3 82.9

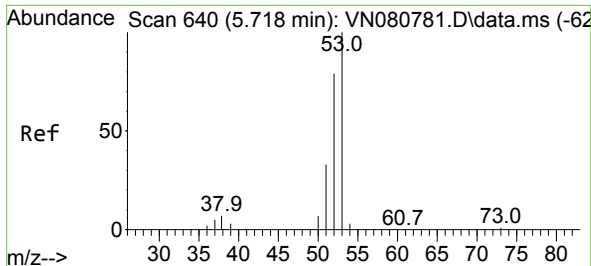


#14  
Allyl chloride  
Concen: 20.807 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42



Tgt Ion: 41 Resp: 54319  
Ion Ratio Lower Upper  
41 100  
39 72.1 57.7 86.5  
76 31.7 26.8 40.2

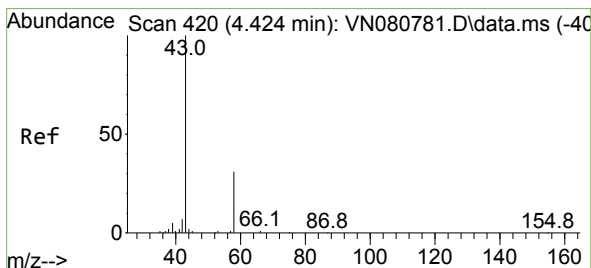
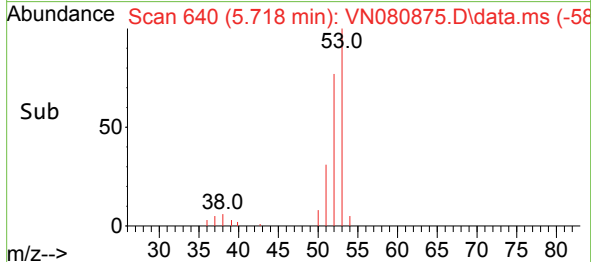
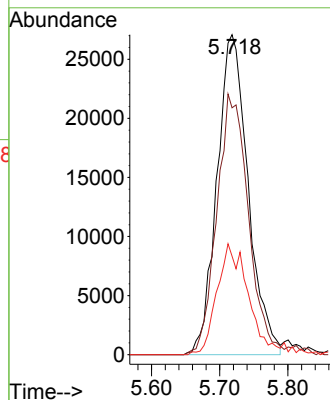
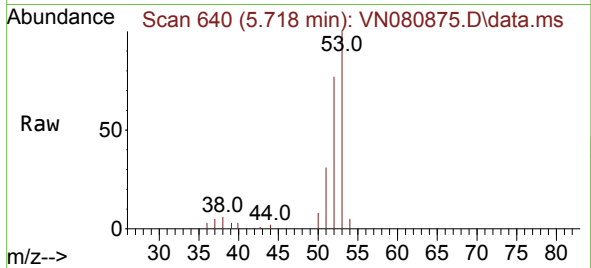




#15  
Acrylonitrile  
Concen: 107.776 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

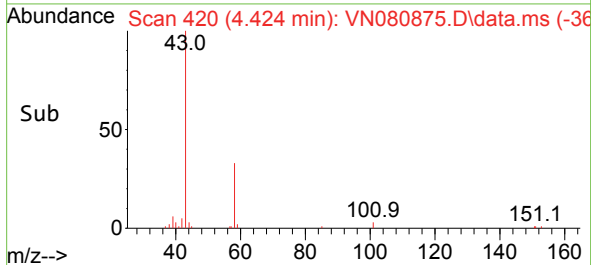
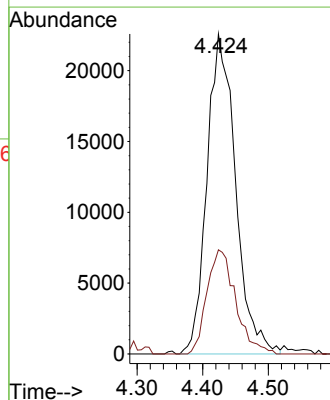
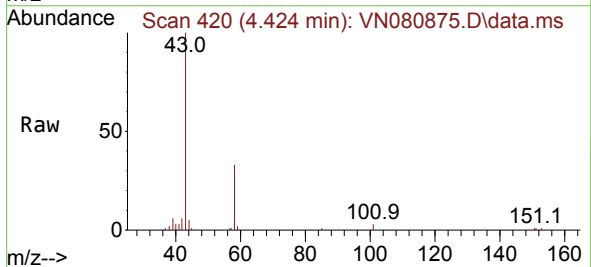
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

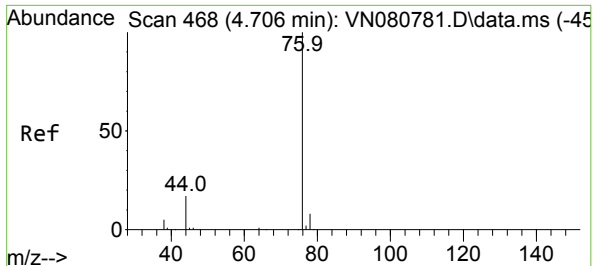
Tgt Ion: 53 Resp: 86011  
Ion Ratio Lower Upper  
53 100  
52 82.5 64.8 97.2  
51 34.5 26.9 40.3



#16  
Acetone  
Concen: 115.986 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 43 Resp: 68475  
Ion Ratio Lower Upper  
43 100  
58 32.5 24.8 37.2

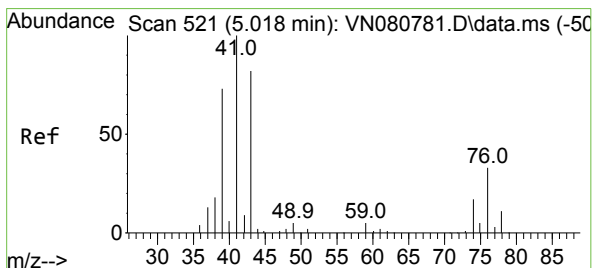
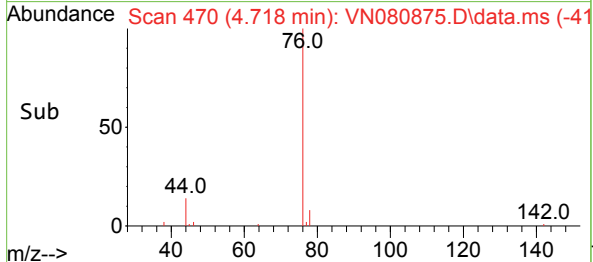
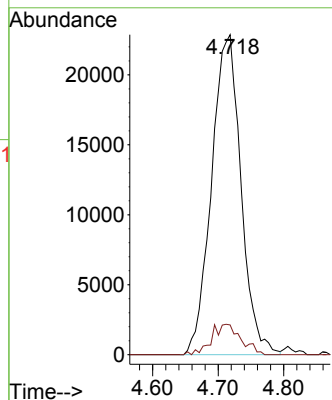
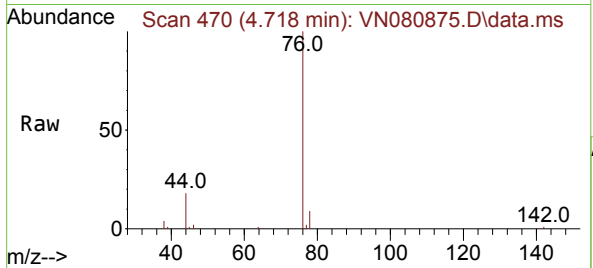




#17  
Carbon Disulfide  
Concen: 17.330 ug/l  
RT: 4.718 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

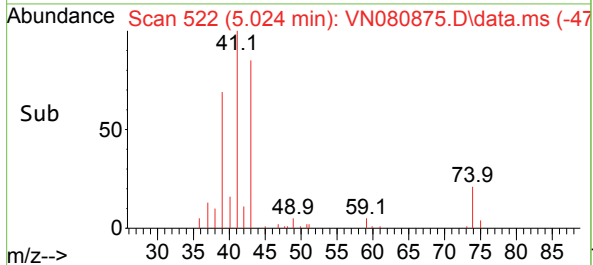
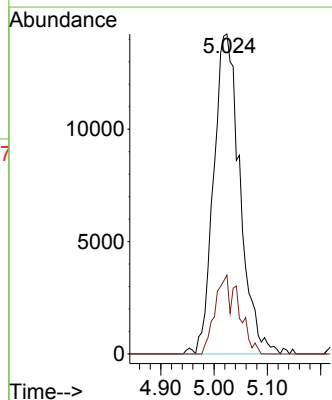
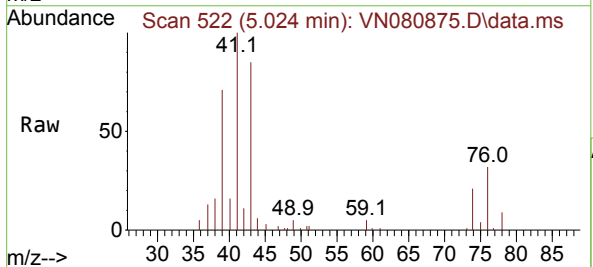
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

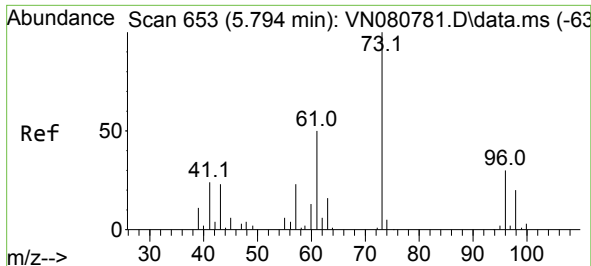
Tgt Ion: 76 Resp: 71260  
Ion Ratio Lower Upper  
76 100  
78 9.3 6.3 9.5



#18  
Methyl Acetate  
Concen: 23.680 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 43 Resp: 48721  
Ion Ratio Lower Upper  
43 100  
74 13.5 17.3 25.9#

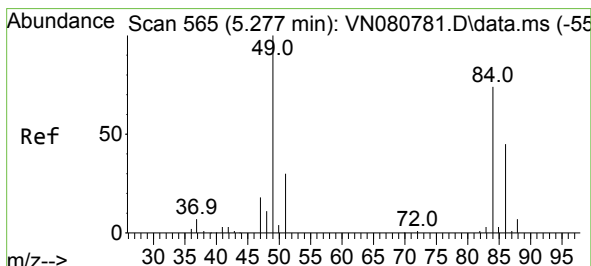
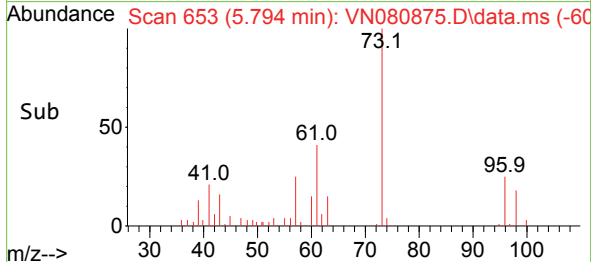
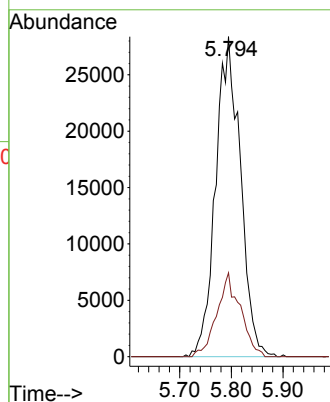
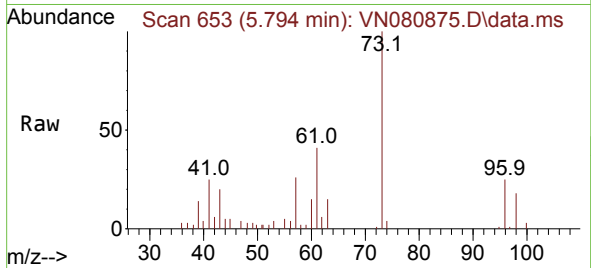




#19  
Methyl tert-butyl Ether  
Concen: 20.267 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

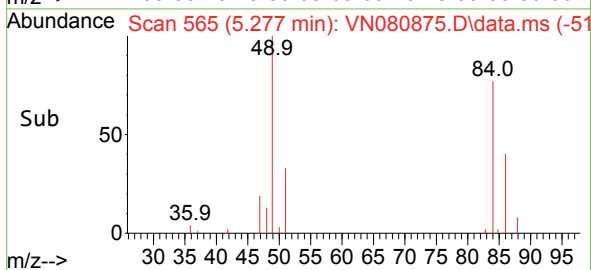
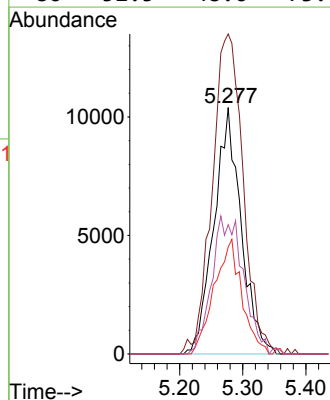
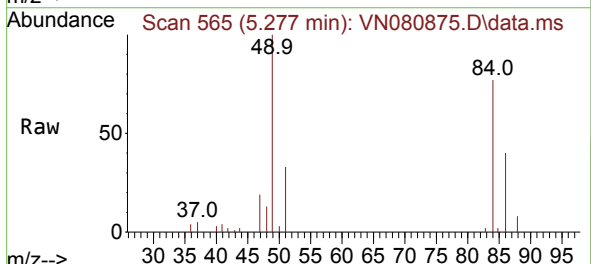
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

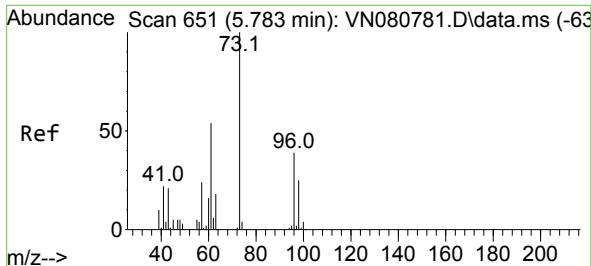
Tgt Ion: 73 Resp: 94322  
Ion Ratio Lower Upper  
73 100  
57 26.2 18.2 27.4



#20  
Methylene Chloride  
Concen: 20.012 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 84 Resp: 31013  
Ion Ratio Lower Upper  
84 100  
49 129.9 108.1 162.1  
51 43.5 32.9 49.3  
86 52.5 48.6 73.0

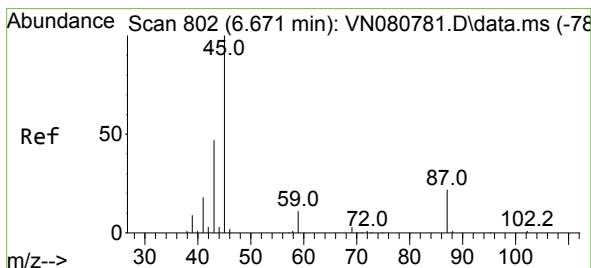
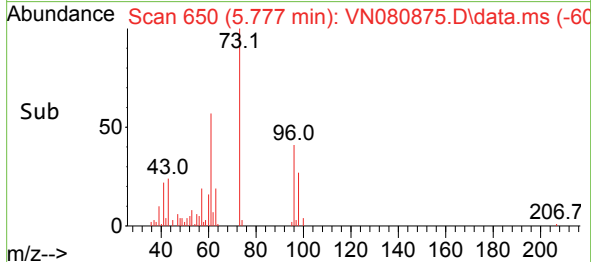
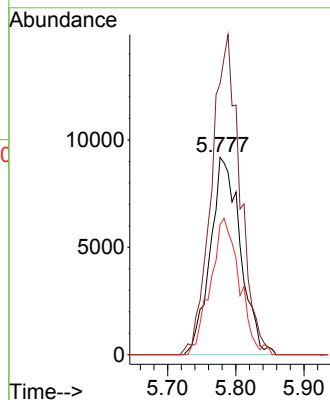
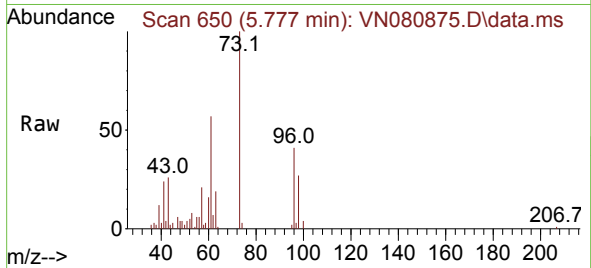




#21  
trans-1,2-Dichloroethene  
Concen: 19.651 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

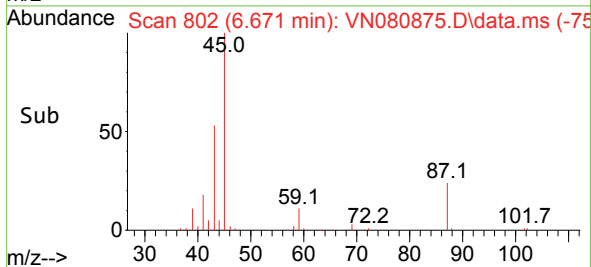
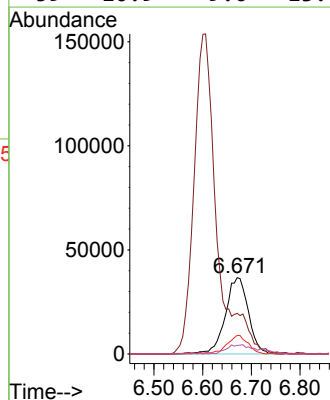
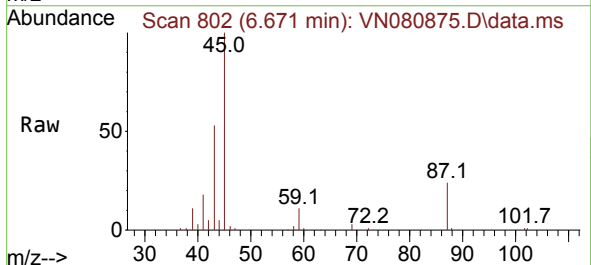
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

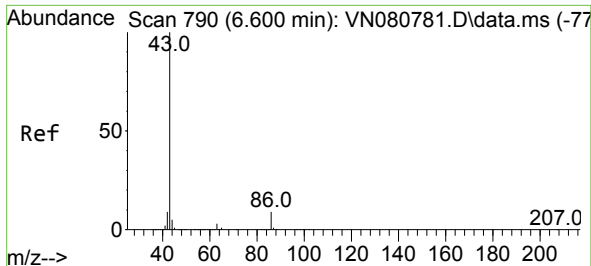
Tgt Ion: 96 Resp: 28198  
Ion Ratio Lower Upper  
96 100  
61 137.3 112.8 169.2  
98 65.7 51.0 76.4



#22  
Diisopropyl ether  
Concen: 20.870 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 45 Resp: 120216  
Ion Ratio Lower Upper  
45 100  
43 51.7 41.8 62.8  
87 24.3 18.1 27.1  
59 10.9 9.0 13.6

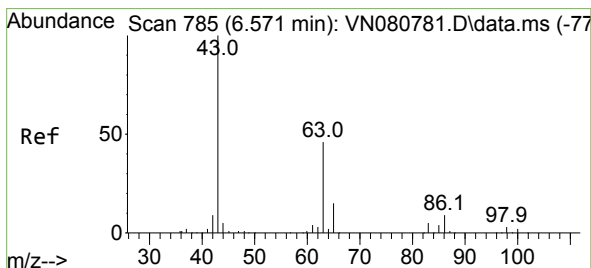
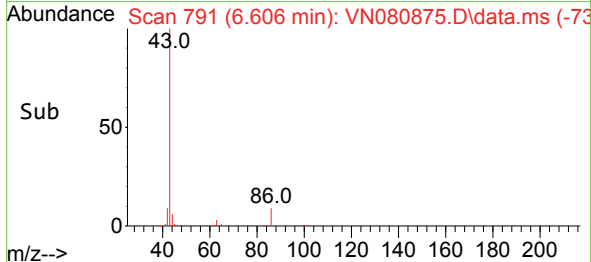
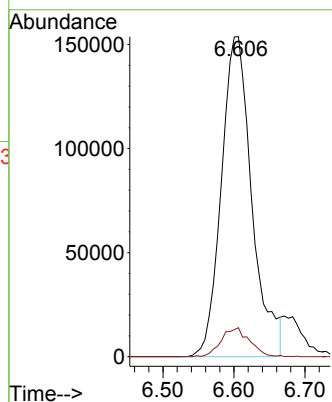
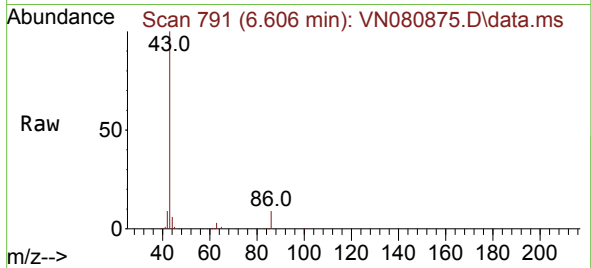




#23  
 Vinyl Acetate  
 Concen: 110.399 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN080875.D  
 Acq: 02 Feb 2024 15:42

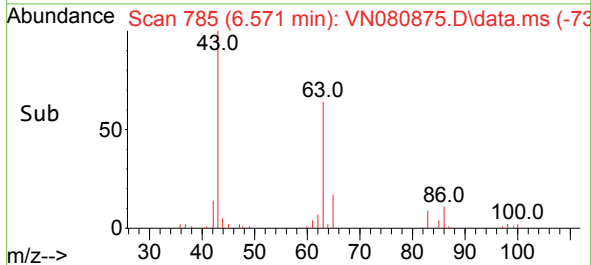
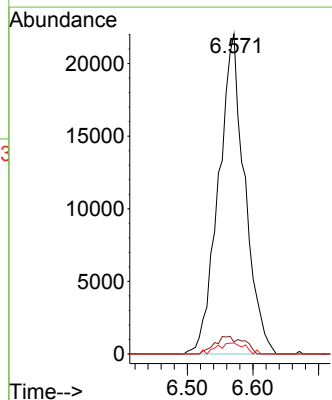
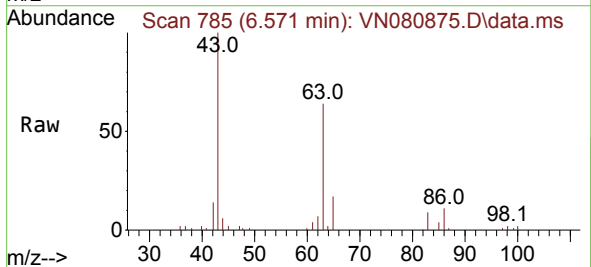
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202WBS01

Tgt Ion: 43 Resp: 460129  
 Ion Ratio Lower Upper  
 43 100  
 86 9.0 7.1 10.7

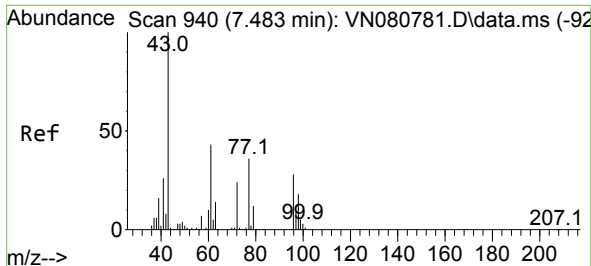


#24  
 1,1-Dichloroethane  
 Concen: 20.955 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.000 min  
 Lab File: VN080875.D  
 Acq: 02 Feb 2024 15:42

Tgt Ion: 63 Resp: 61216  
 Ion Ratio Lower Upper  
 63 100  
 98 3.7 2.9 8.6  
 100 3.4 1.9 5.7



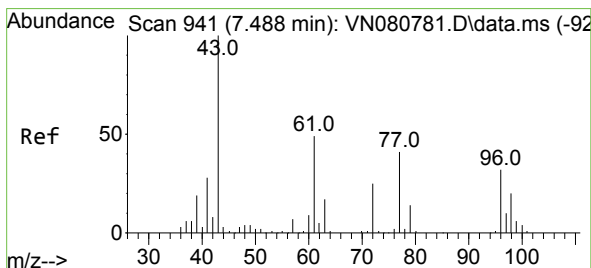
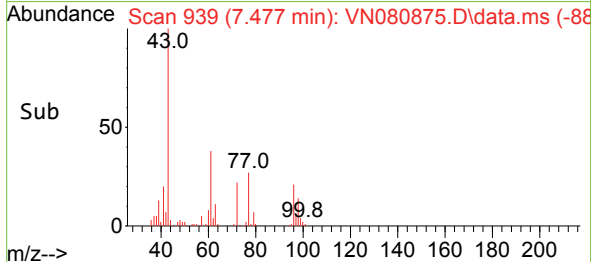
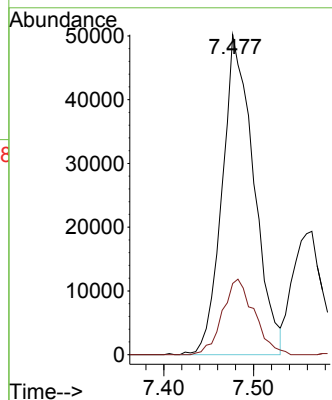
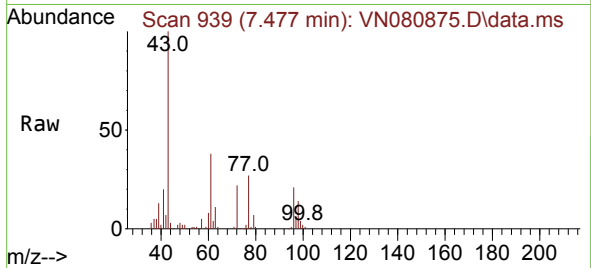




#25  
2-Butanone  
Concen: 109.264 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

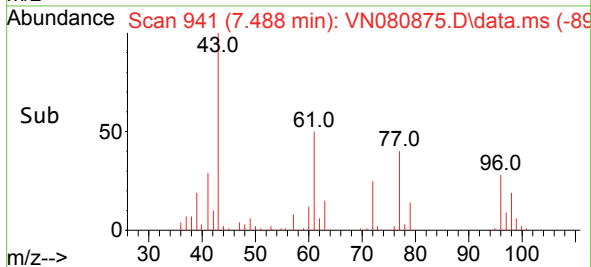
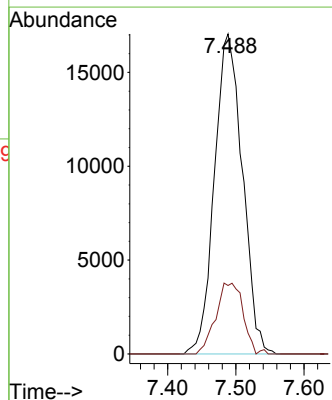
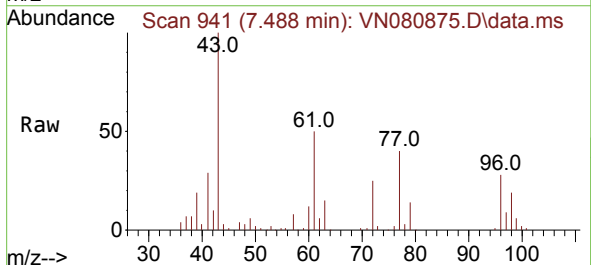
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

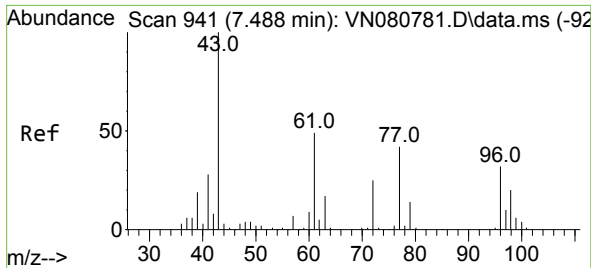
Tgt Ion: 43 Resp: 122524  
Ion Ratio Lower Upper  
43 100  
72 22.3 19.5 29.3



#26  
2,2-Dichloropropane  
Concen: 20.620 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 77 Resp: 48688  
Ion Ratio Lower Upper  
77 100  
97 21.6 11.5 34.5

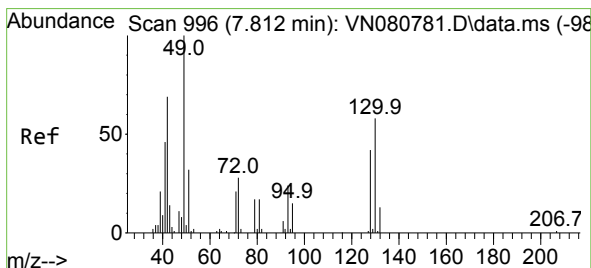
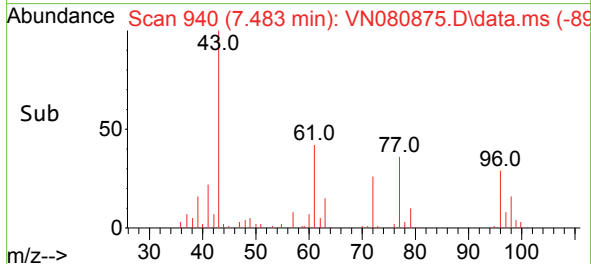
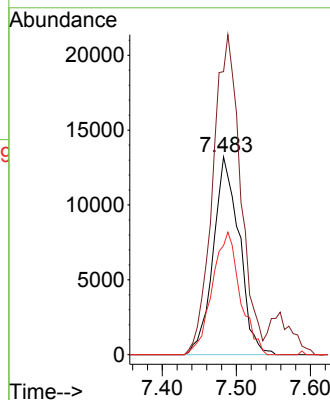
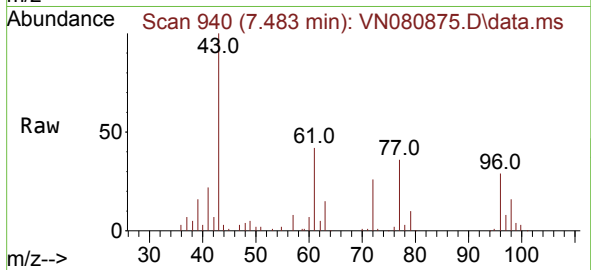




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.378 ug/l  
 RT: 7.483 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: VN080875.D  
 Acq: 02 Feb 2024 15:42

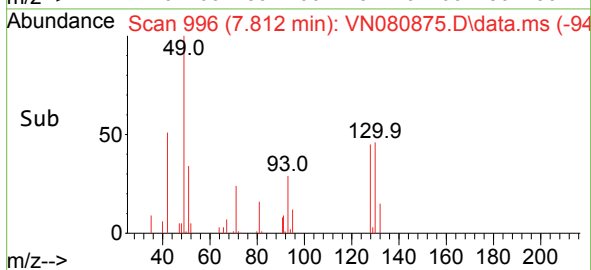
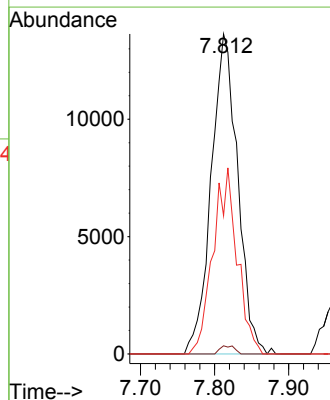
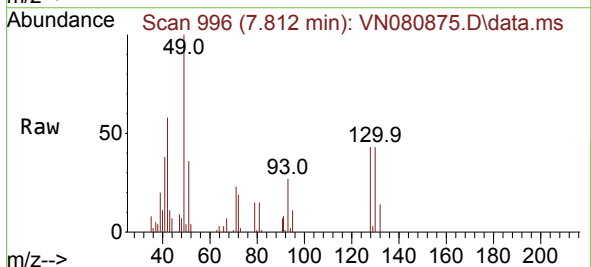
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202WBS01

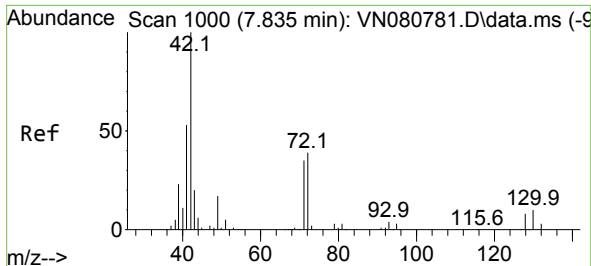
Tgt Ion: 96 Resp: 32187  
 Ion Ratio Lower Upper  
 96 100  
 61 173.5 0.0 325.4  
 98 66.7 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 21.868 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.000 min  
 Lab File: VN080875.D  
 Acq: 02 Feb 2024 15:42

Tgt Ion: 49 Resp: 33823  
 Ion Ratio Lower Upper  
 49 100  
 129 1.4 0.0 1.6  
 130 53.0 42.3 63.5





#29

Tetrahydrofuran

Concen: 106.055 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0202WBS01

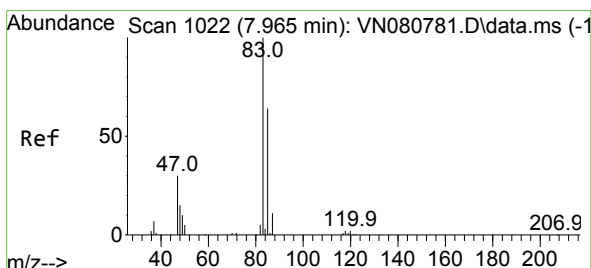
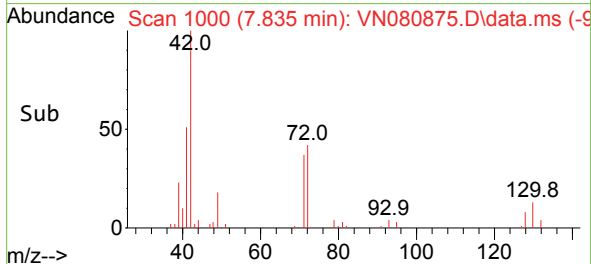
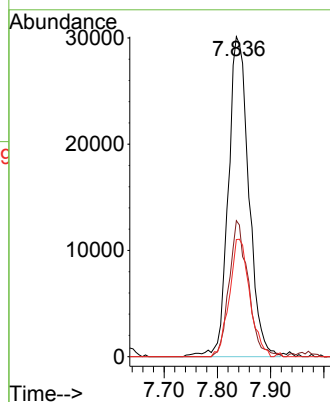
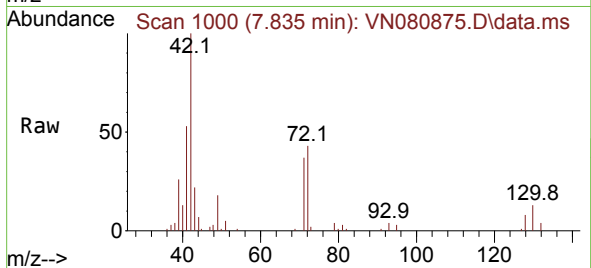
Tgt Ion: 42 Resp: 80472

Ion Ratio Lower Upper

42 100

72 39.7 31.1 46.7

71 36.3 28.3 42.5



#30

Chloroform

Concen: 20.017 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080875.D

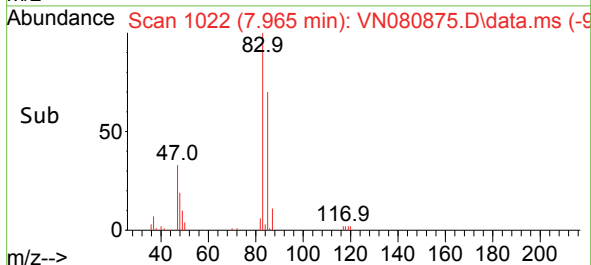
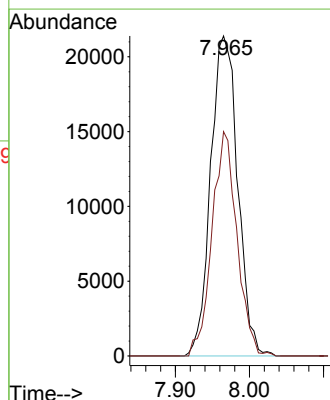
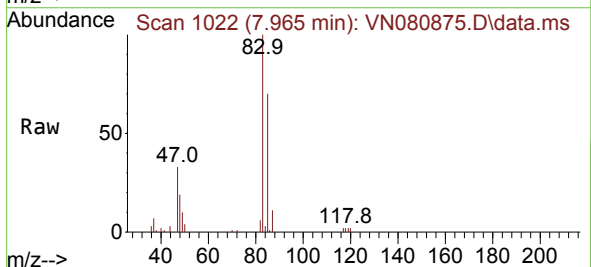
Acq: 02 Feb 2024 15:42

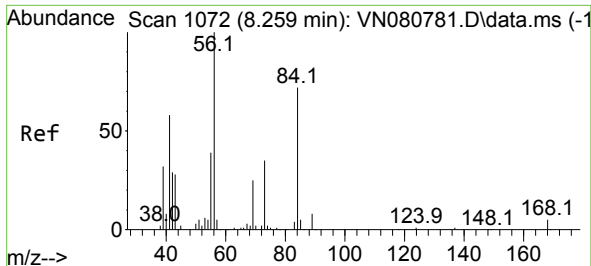
Tgt Ion: 83 Resp: 54327

Ion Ratio Lower Upper

83 100

85 70.1 51.0 76.6

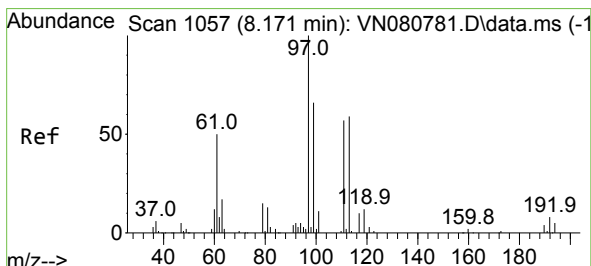
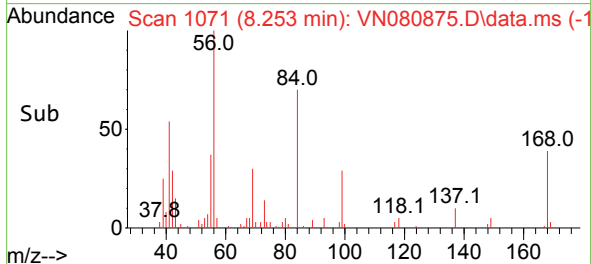
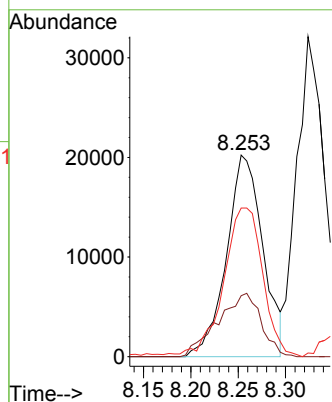
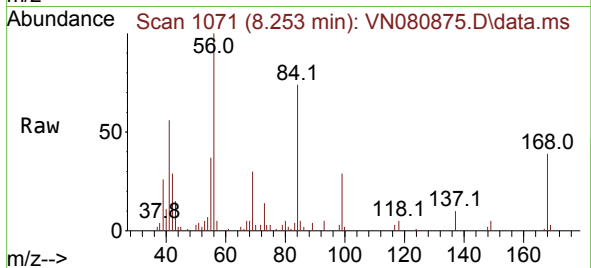




#31  
Cyclohexane  
Concen: 19.333 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

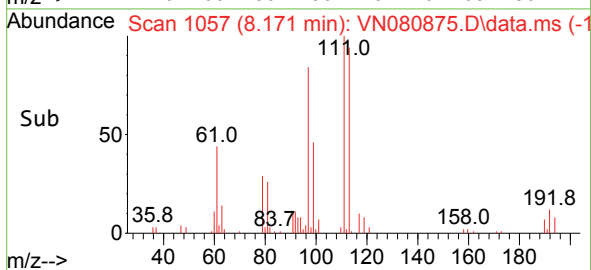
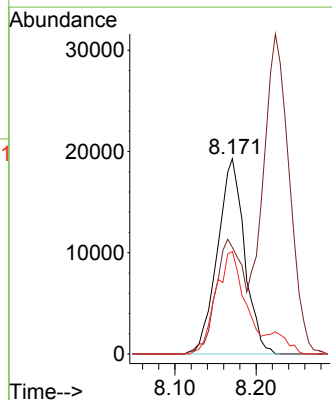
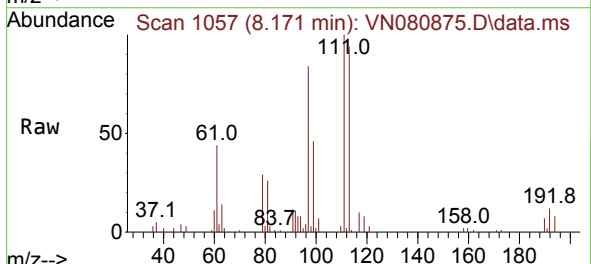
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

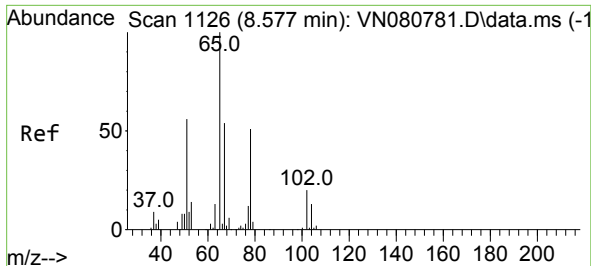
Tgt Ion: 56 Resp: 53965  
Ion Ratio Lower Upper  
56 100  
69 30.3 20.1 30.1#  
84 72.4 56.9 85.3



#32  
1,1,1-Trichloroethane  
Concen: 20.267 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 97 Resp: 44604  
Ion Ratio Lower Upper  
97 100  
99 58.7 53.4 80.0  
61 57.9 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 48.315 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Instrument :

MSVOA\_N

ClientSampleId :

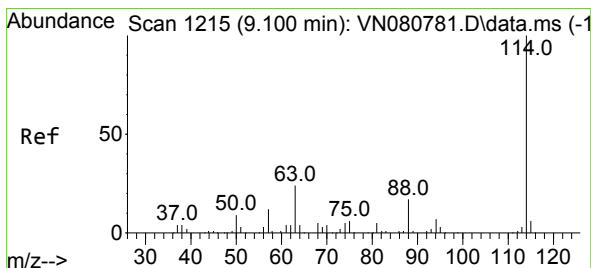
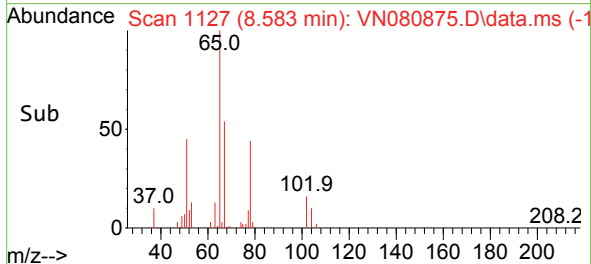
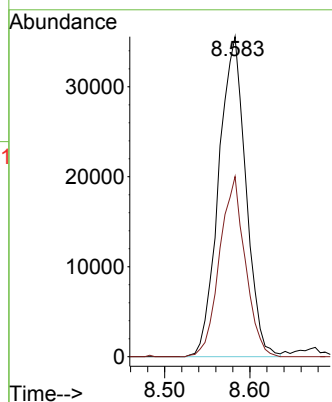
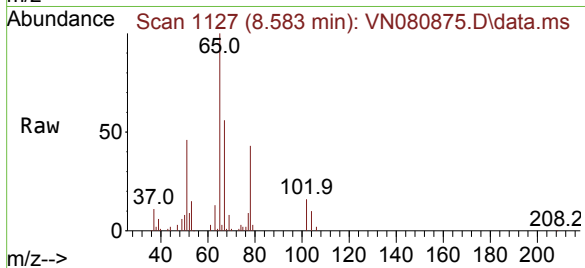
VN0202WBS01

Tgt Ion: 65 Resp: 78649

Ion Ratio Lower Upper

65 100

67 53.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

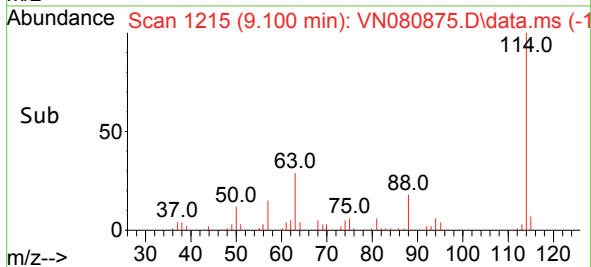
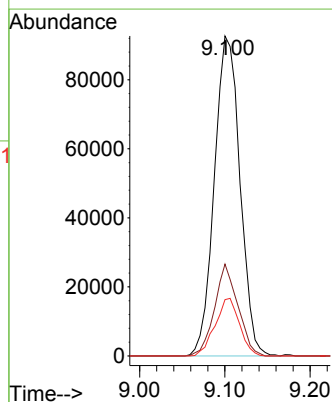
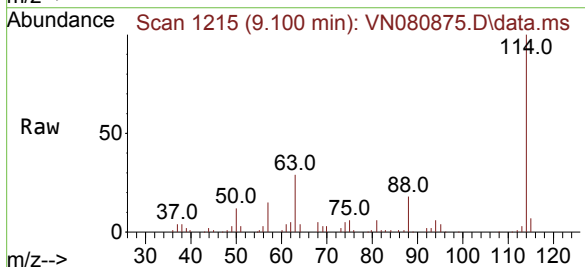
Tgt Ion: 114 Resp: 193945

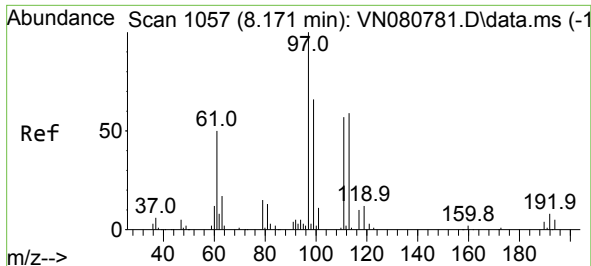
Ion Ratio Lower Upper

114 100

63 28.7 0.0 48.0

88 17.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 46.368 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0202WBS01

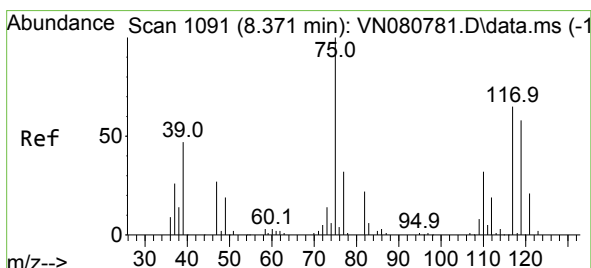
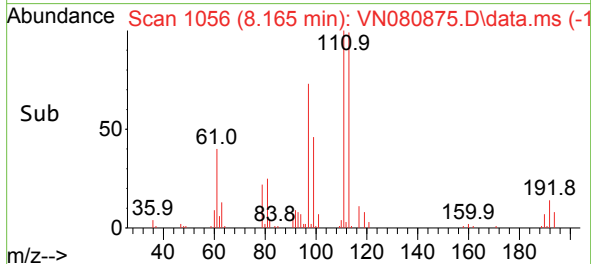
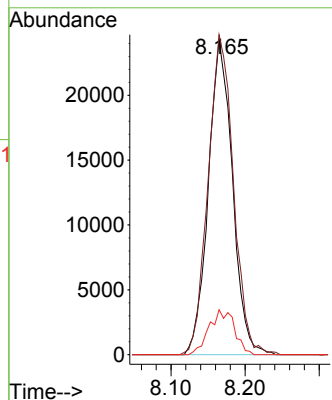
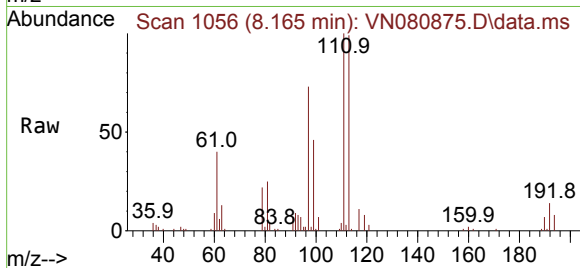
Tgt Ion:113 Resp: 55018

Ion Ratio Lower Upper

113 100

111 106.3 82.2 123.4

192 15.0 12.5 18.7



#36

1,1-Dichloropropene

Concen: 19.394 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

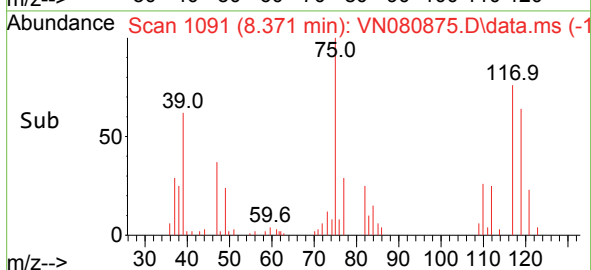
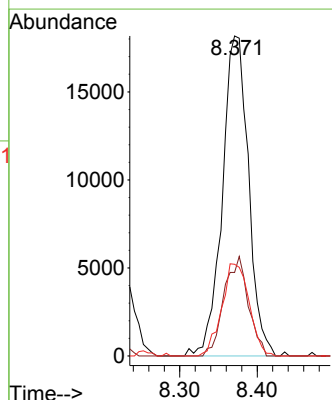
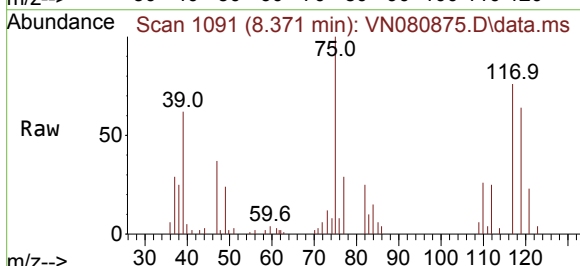
Tgt Ion: 75 Resp: 42773

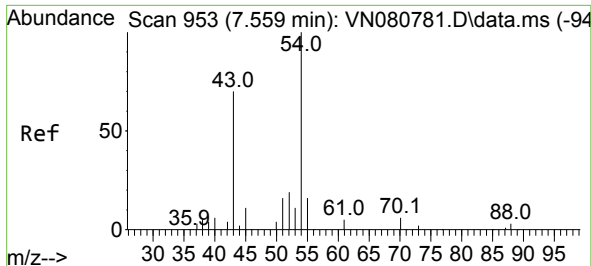
Ion Ratio Lower Upper

75 100

110 28.9 16.0 48.0

77 30.0 25.8 38.6





#37

Ethyl Acetate

Concen: 20.513 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0202WBS01

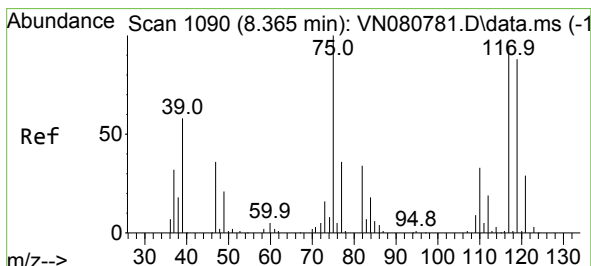
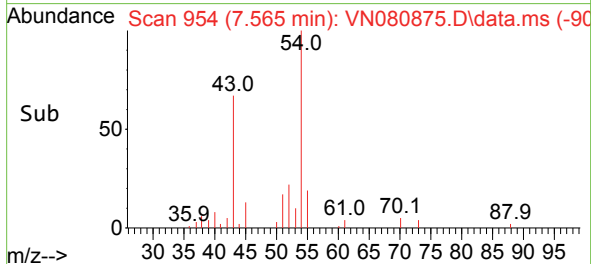
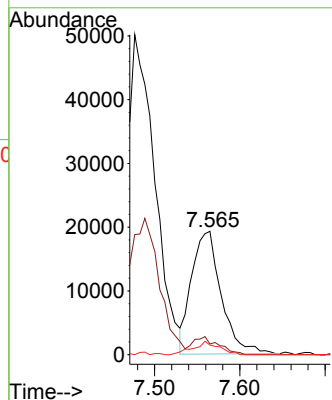
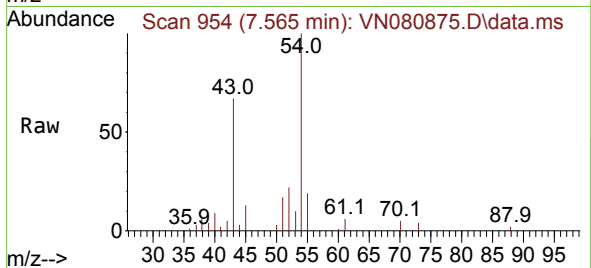
Tgt Ion: 43 Resp: 46571

Ion Ratio Lower Upper

43 100

61 12.7 10.6 15.8

70 9.3 8.0 12.0



#38

Carbon Tetrachloride

Concen: 19.492 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

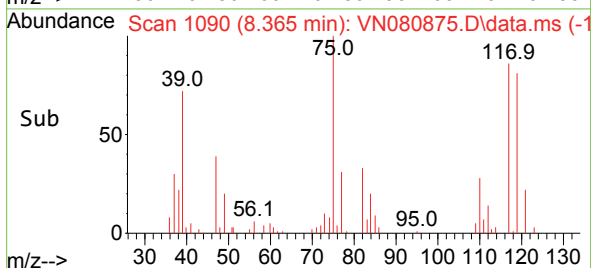
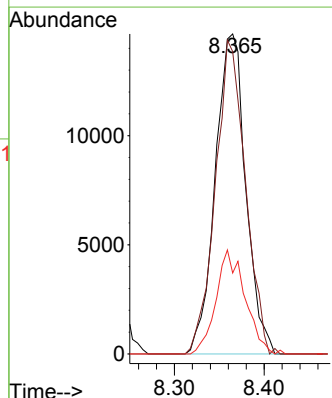
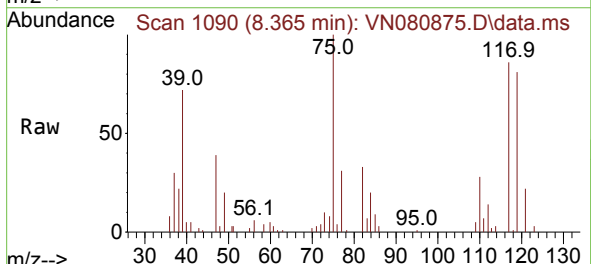
Tgt Ion: 117 Resp: 34637

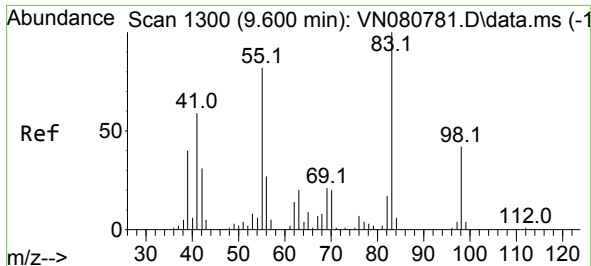
Ion Ratio Lower Upper

117 100

119 94.5 73.4 110.2

121 25.3 24.4 36.6





#39

Methylcyclohexane

Concen: 17.993 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0202WBS01

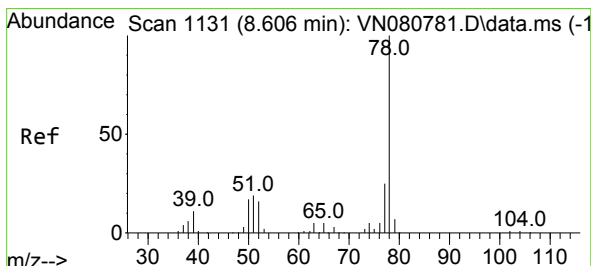
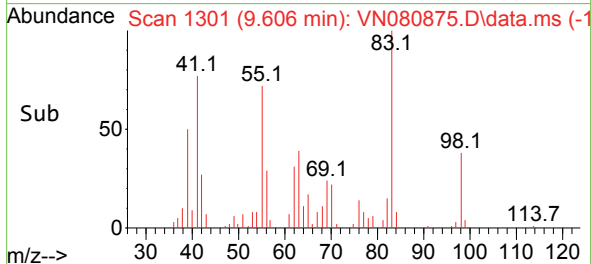
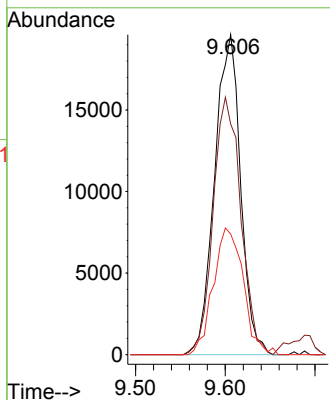
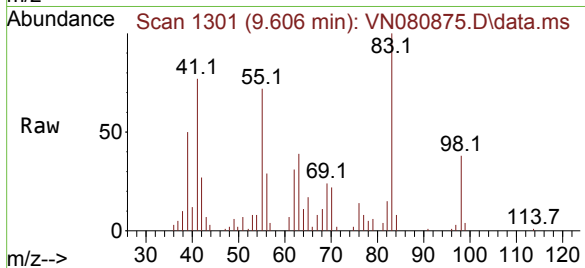
Tgt Ion: 83 Resp: 39443

Ion Ratio Lower Upper

83 100

55 72.0 65.7 98.5

98 37.7 33.8 50.6



#40

Benzene

Concen: 21.230 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080875.D

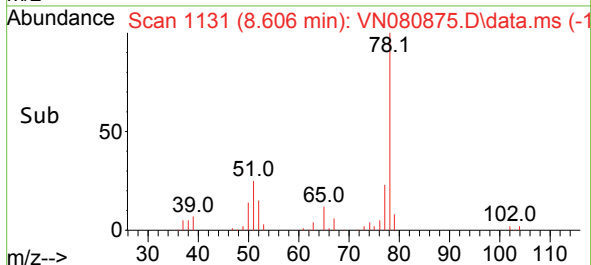
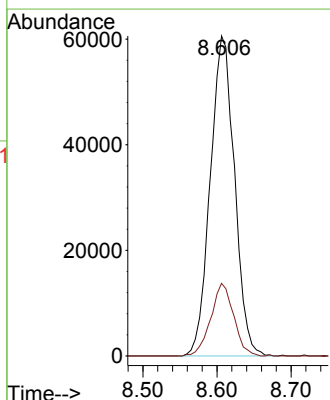
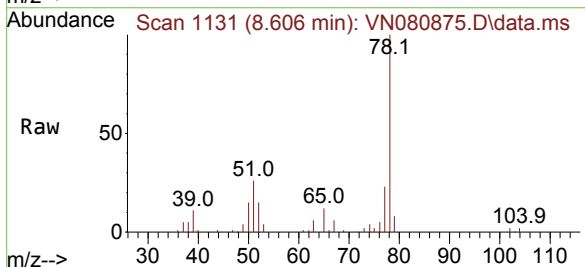
Acq: 02 Feb 2024 15:42

Tgt Ion: 78 Resp: 137612

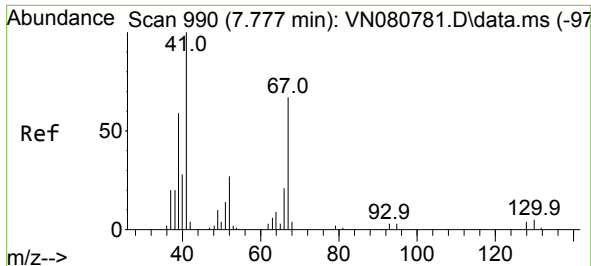
Ion Ratio Lower Upper

78 100

77 22.7 20.4 30.6



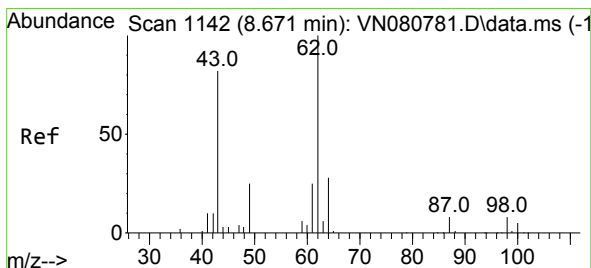
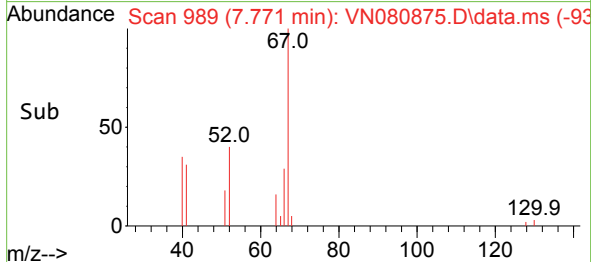
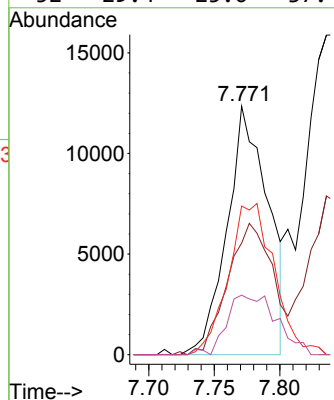
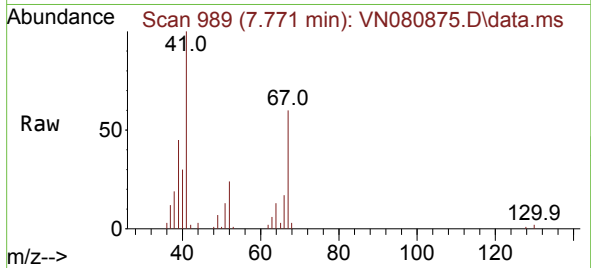




#41  
Methacrylonitrile  
Concen: 19.997 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

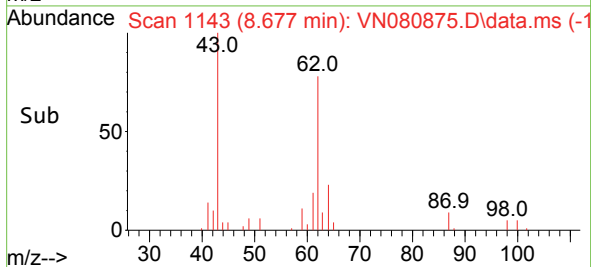
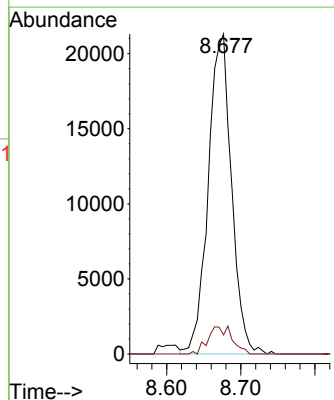
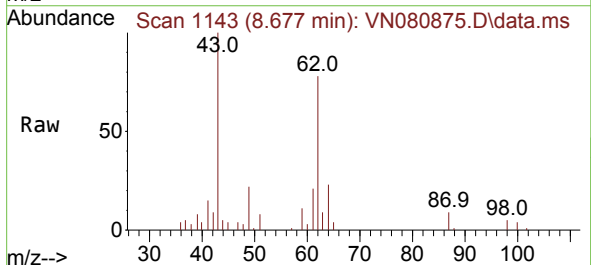
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

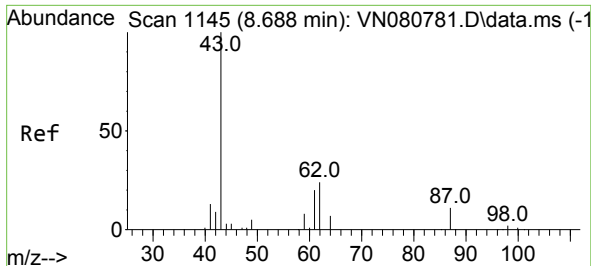
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 26758 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 58.9     | 48.4 72.6   |
| 67 68.1     | 56.8 85.2   |
| 52 29.4     | 25.0 37.4   |



#42  
1,2-Dichloroethane  
Concen: 22.025 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 46512 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 8.9      | 0.0 18.0    |

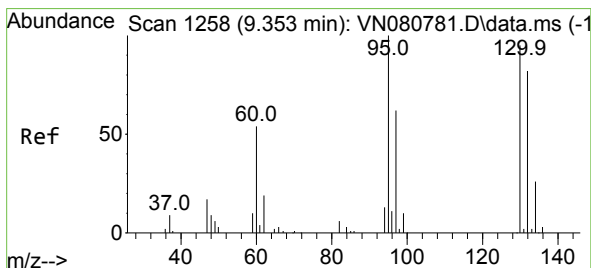
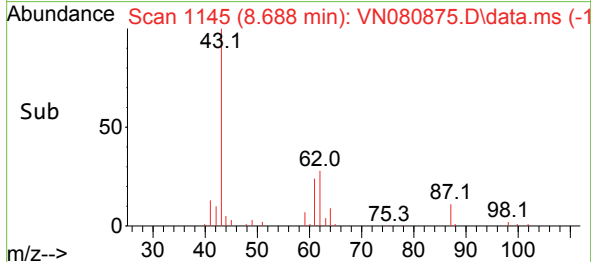
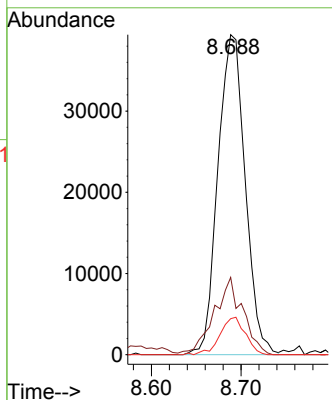
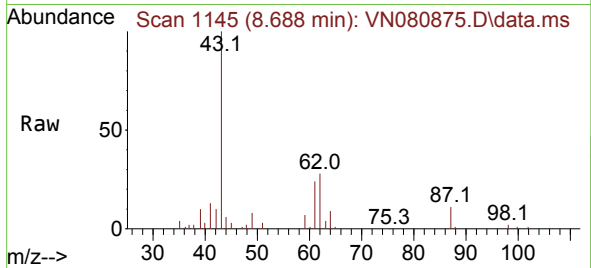




#43  
Isopropyl Acetate  
Concen: 20.148 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

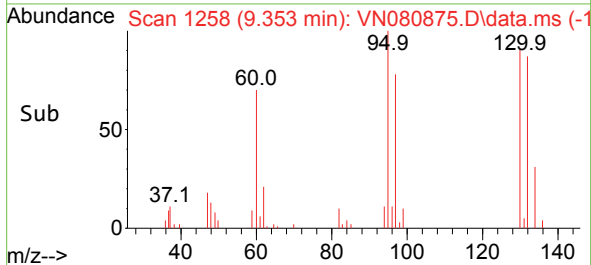
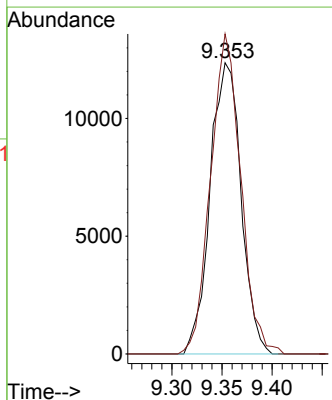
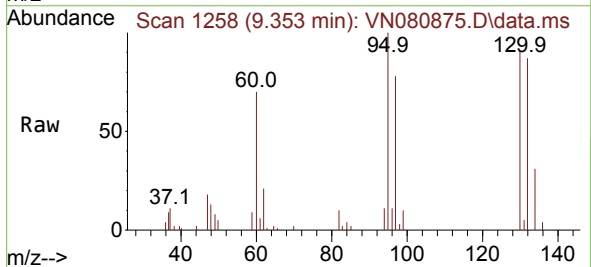
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

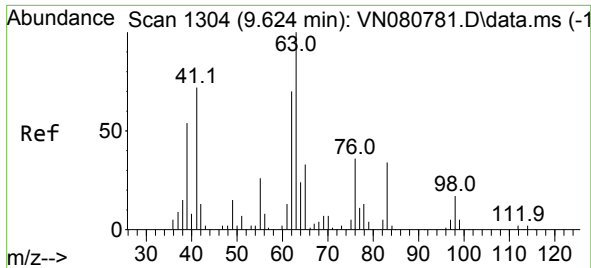
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 83279 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 25.5     | 19.9 29.9   |
| 87 10.9     | 9.0 13.6    |



#44  
Trichloroethene  
Concen: 18.582 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:130 | Resp: | 26529 |       |
| Ion         | Ratio | Lower | Upper |
| 130         | 100   |       |       |
| 95          | 109.9 | 0.0   | 210.4 |

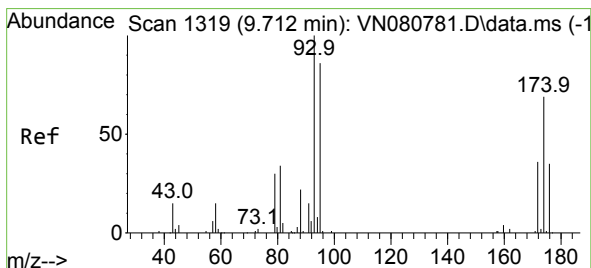
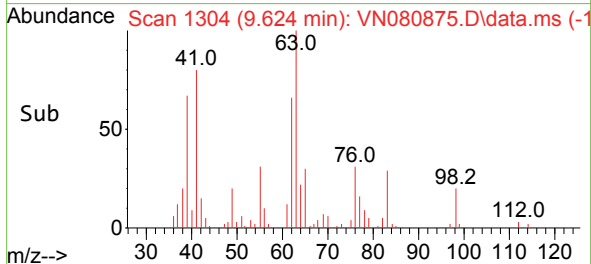
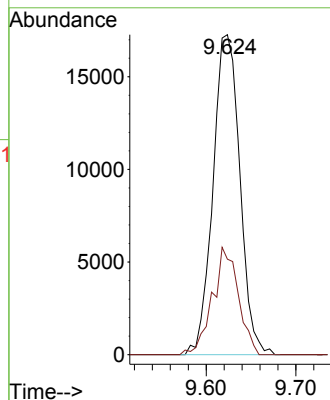
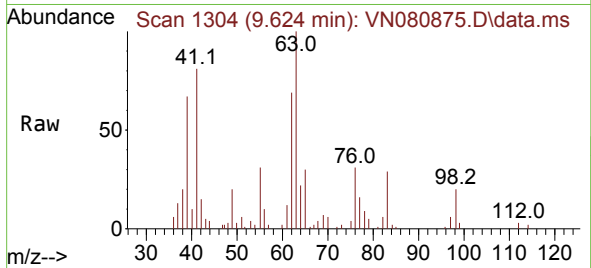




#45  
1,2-Dichloropropane  
Concen: 20.474 ug/l  
RT: 9.624 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

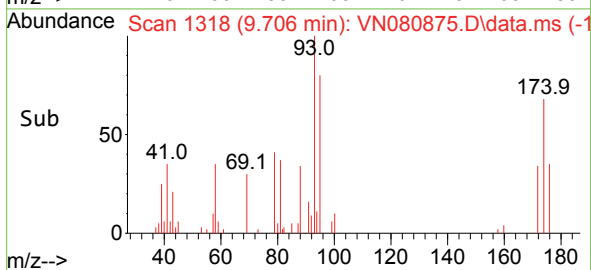
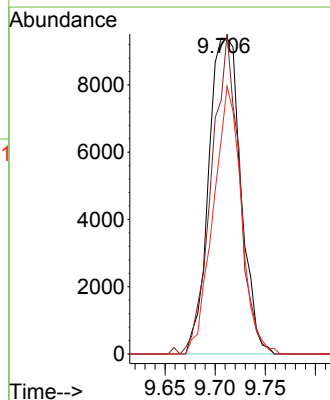
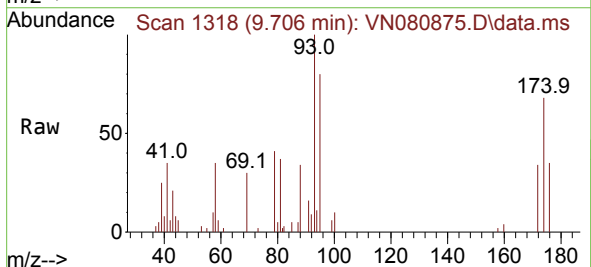
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

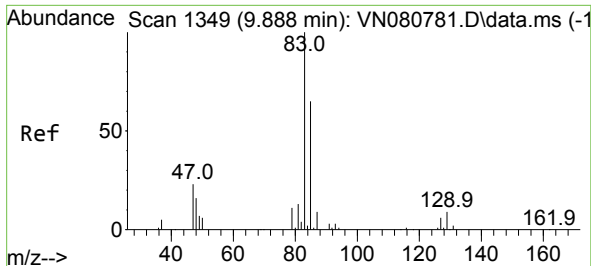
Tgt Ion: 63 Resp: 35915  
Ion Ratio Lower Upper  
63 100  
65 29.9 26.1 39.1



#46  
Dibromomethane  
Concen: 20.124 ug/l  
RT: 9.706 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 93 Resp: 20926  
Ion Ratio Lower Upper  
93 100  
95 88.1 68.1 102.1  
174 74.1 57.2 85.8

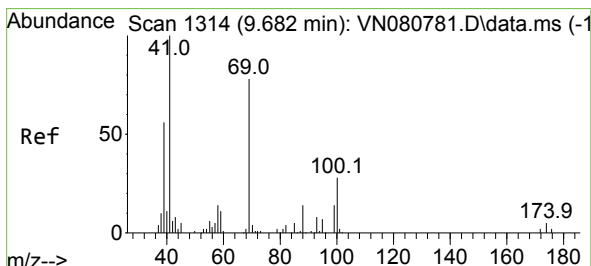
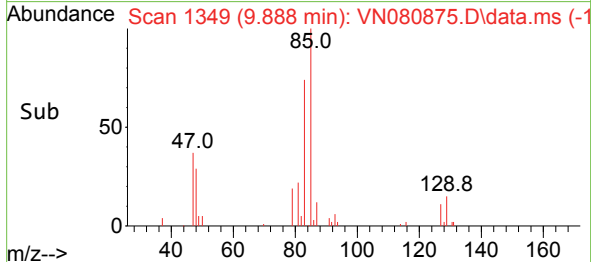
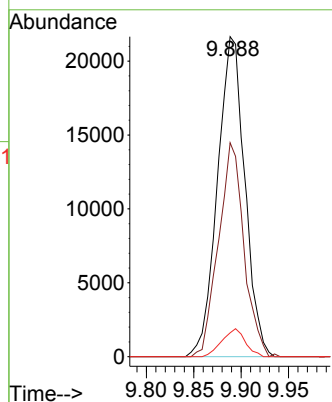
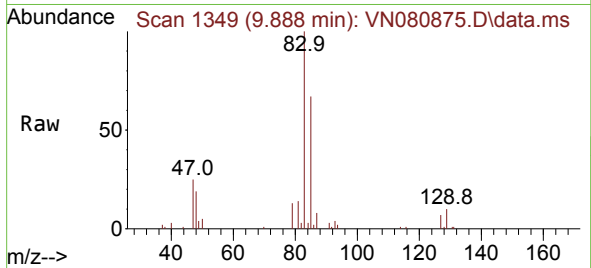




#47  
Bromodichloromethane  
Concen: 20.593 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

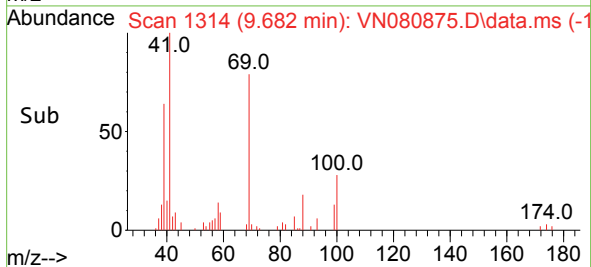
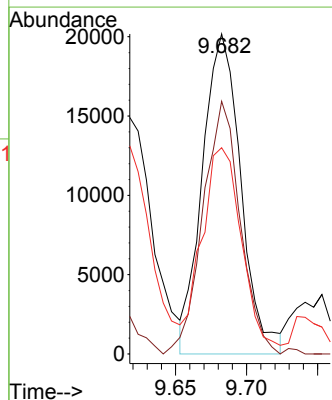
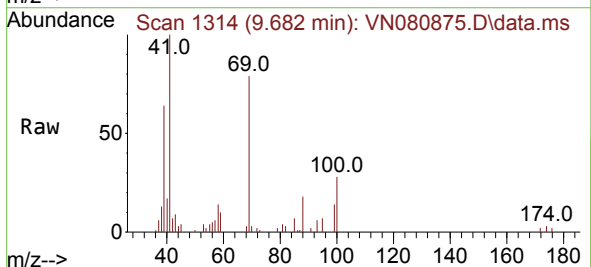
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

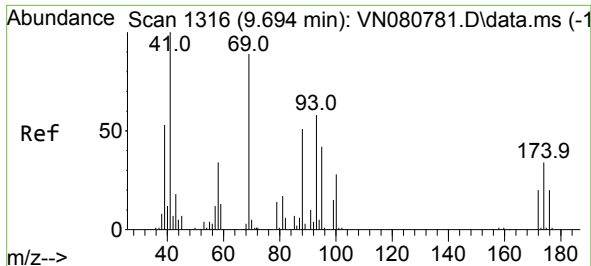
Tgt Ion: 83 Resp: 43476  
Ion Ratio Lower Upper  
83 100  
85 66.9 52.3 78.5  
127 7.5 4.6 7.0#



#48  
Methyl methacrylate  
Concen: 18.957 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 41 Resp: 37988  
Ion Ratio Lower Upper  
41 100  
69 76.4 62.2 93.2  
39 67.6 47.6 71.4





#49

1,4-Dioxane

Concen: 466.613 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0202WBS01

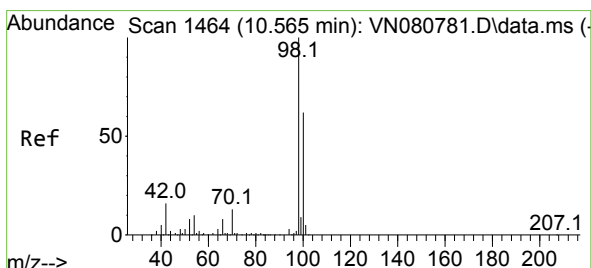
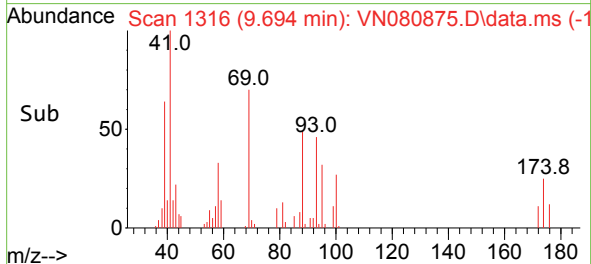
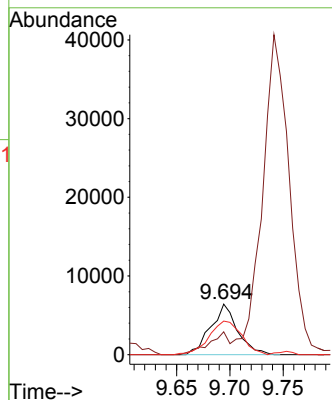
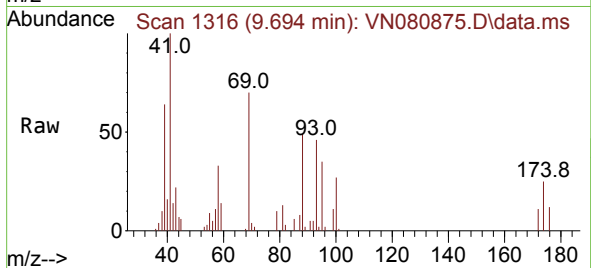
Tgt Ion: 88 Resp: 11263

Ion Ratio Lower Upper

88 100

43 33.5 30.1 45.1

58 80.5 63.9 95.9



#50

Toluene-d8

Concen: 45.316 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080875.D

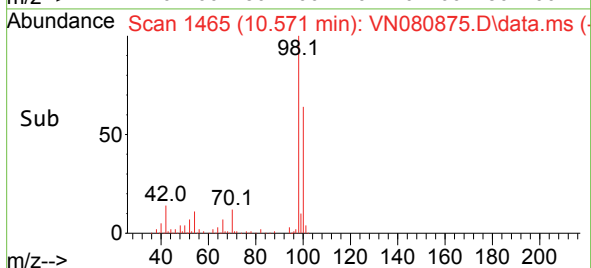
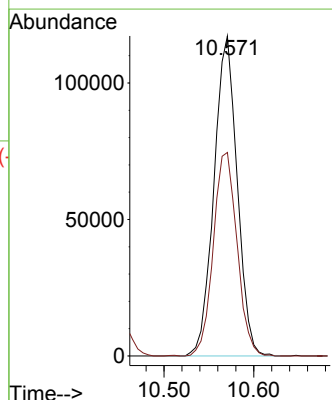
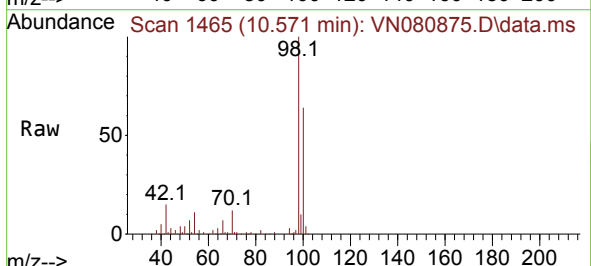
Acq: 02 Feb 2024 15:42

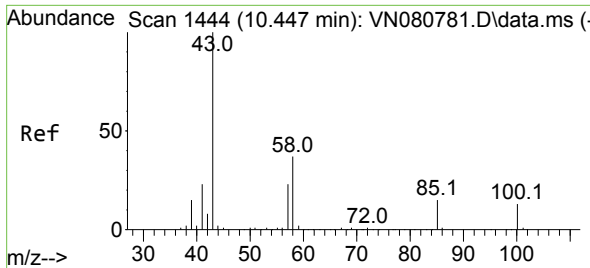
Tgt Ion: 98 Resp: 210454

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 110.144 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Instrument :

MSVOA\_N

ClientSampleId :

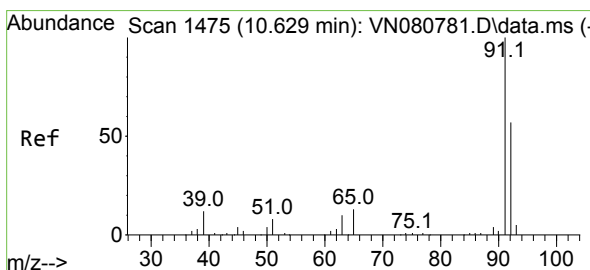
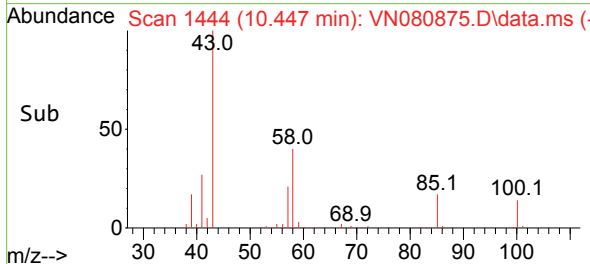
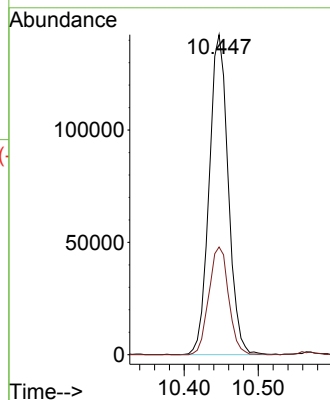
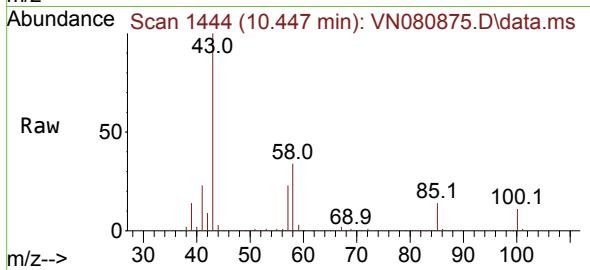
VN0202WBS01

Tgt Ion: 43 Resp: 254509

Ion Ratio Lower Upper

43 100

58 34.9 29.4 44.0



#52

Toluene

Concen: 20.656 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN080875.D

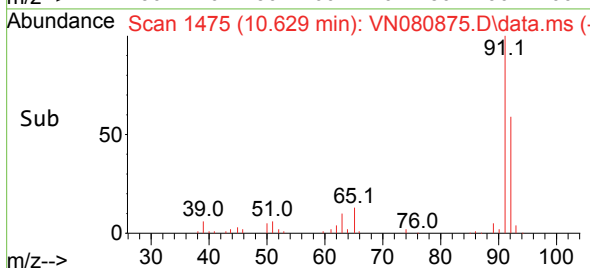
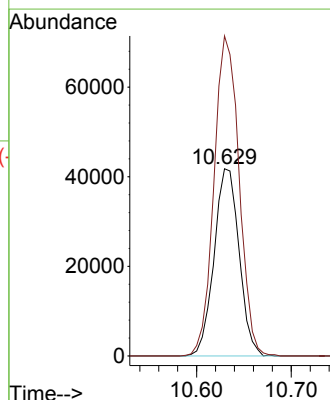
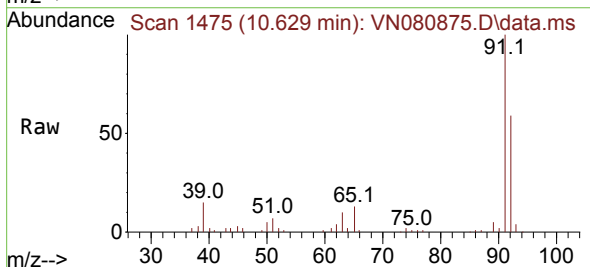
Acq: 02 Feb 2024 15:42

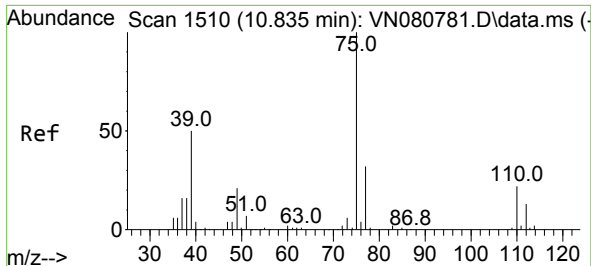
Tgt Ion: 92 Resp: 76770

Ion Ratio Lower Upper

92 100

91 171.5 139.4 209.0

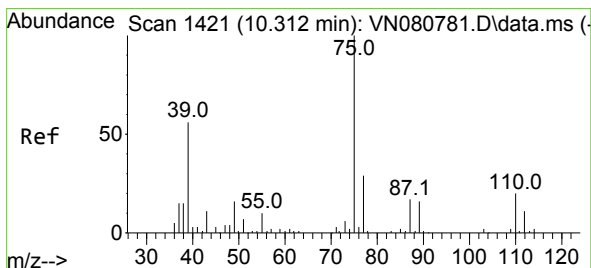
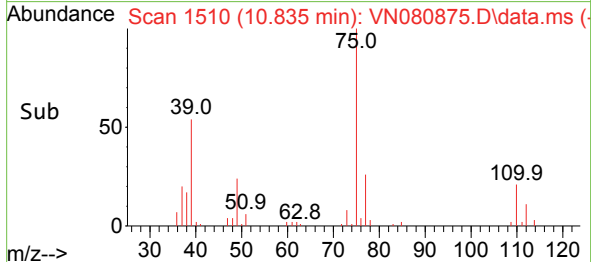
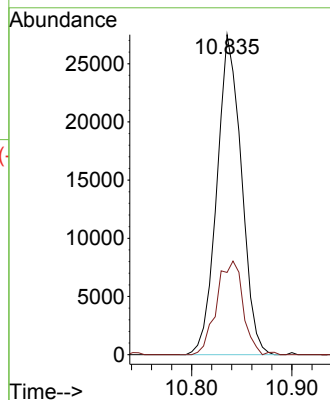
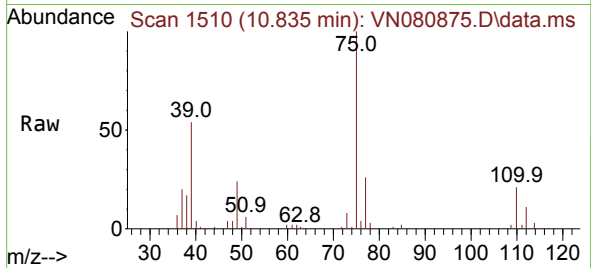




#53  
 t-1,3-Dichloropropene  
 Concen: 18.974 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN080875.D  
 Acq: 02 Feb 2024 15:42

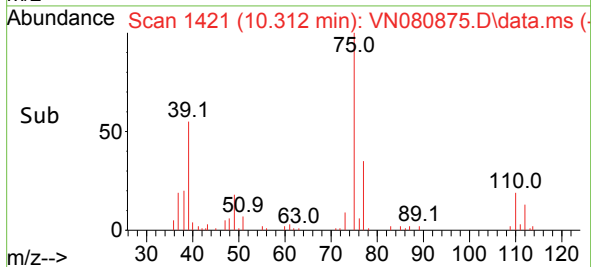
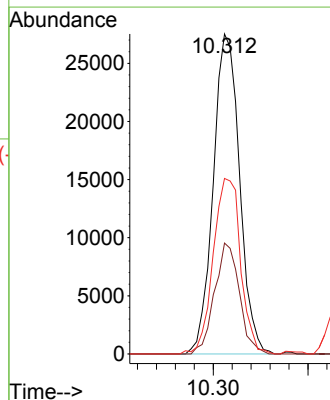
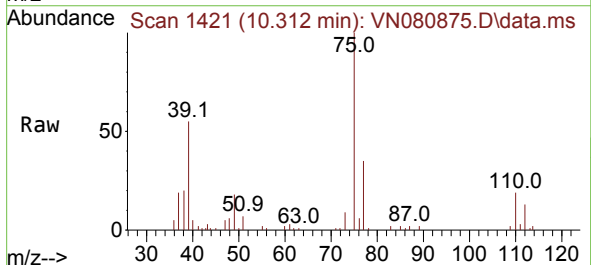
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202WBS01

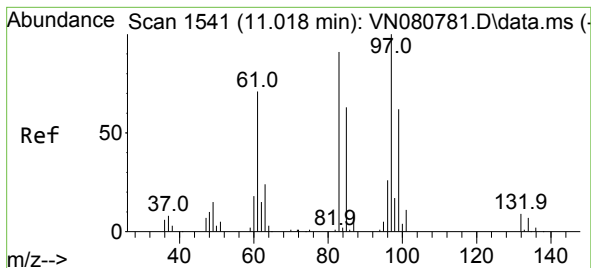
Tgt Ion: 75 Resp: 46666  
 Ion Ratio Lower Upper  
 75 100  
 77 25.7 25.5 38.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.855 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.000 min  
 Lab File: VN080875.D  
 Acq: 02 Feb 2024 15:42

Tgt Ion: 75 Resp: 53103  
 Ion Ratio Lower Upper  
 75 100  
 77 34.7 23.3 34.9  
 39 54.9 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 20.464 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0202WBS01

Tgt Ion: 97 Resp: 29229

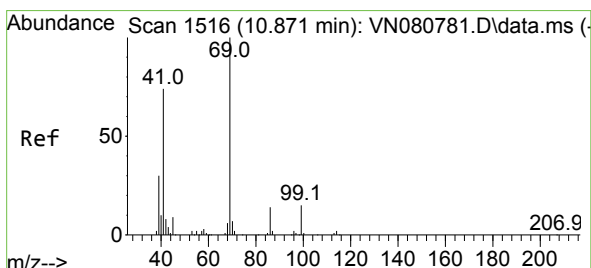
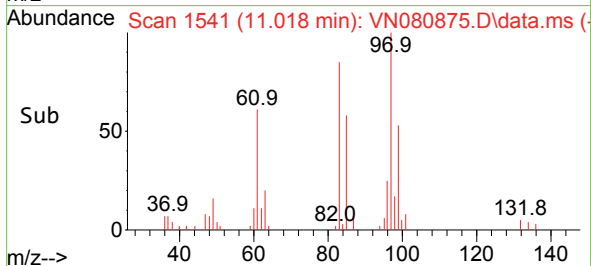
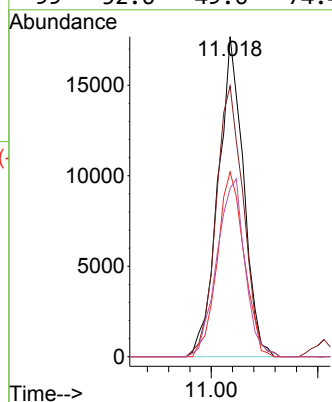
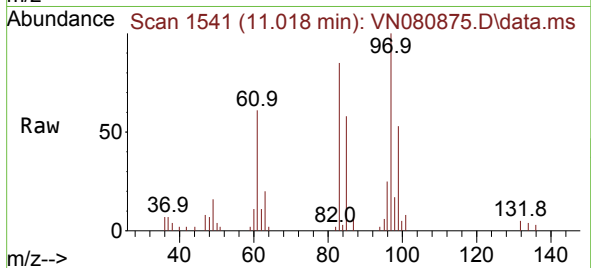
Ion Ratio Lower Upper

97 100

83 84.6 72.9 109.3

85 57.7 50.2 75.2

99 52.6 49.6 74.4



#56

Ethyl methacrylate

Concen: 21.650 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.005 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

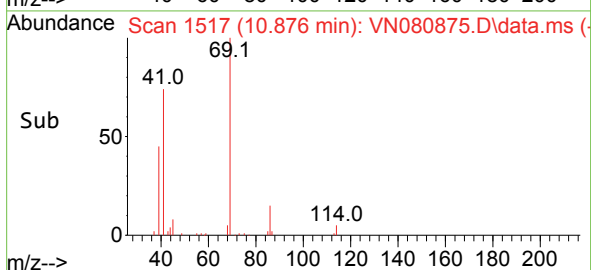
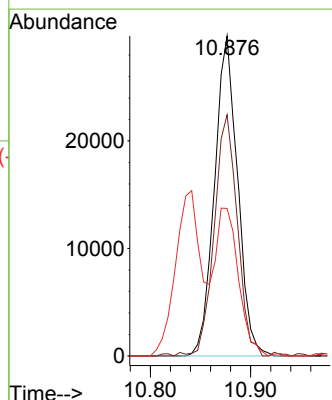
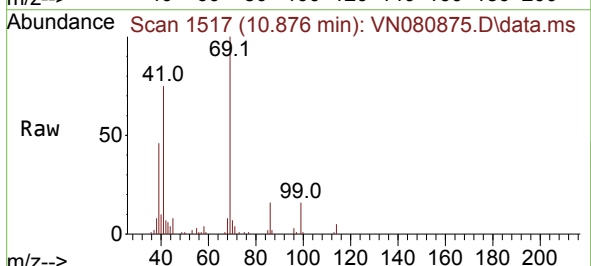
Tgt Ion: 69 Resp: 47536

Ion Ratio Lower Upper

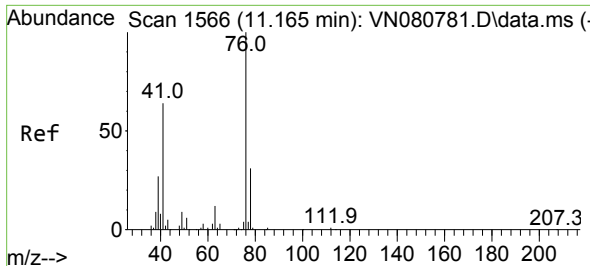
69 100

41 75.2 61.0 91.6

39 45.8 31.8 47.6







#57

1,3-Dichloropropane

Concen: 19.696 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Instrument :

MSVOA\_N

ClientSampleId :

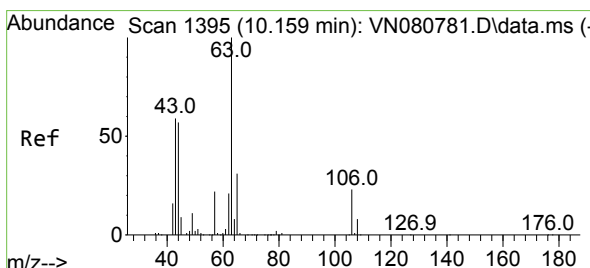
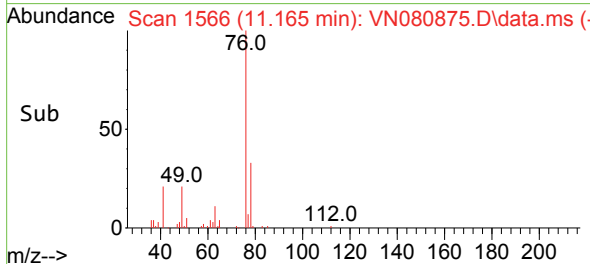
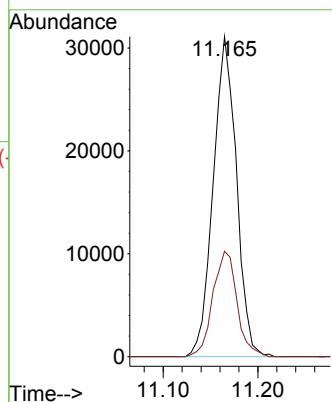
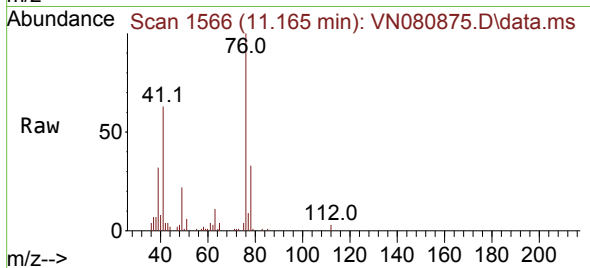
VN0202WBS01

Tgt Ion: 76 Resp: 52943

Ion Ratio Lower Upper

76 100

78 34.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 111.281 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080875.D

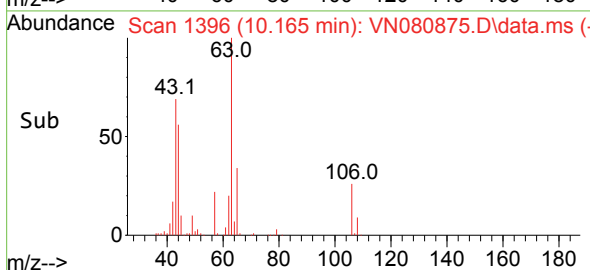
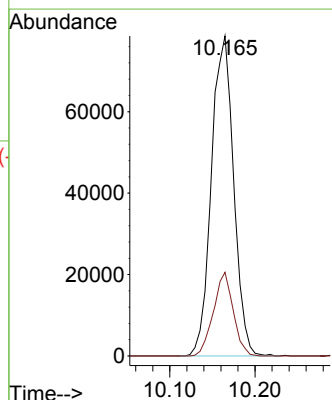
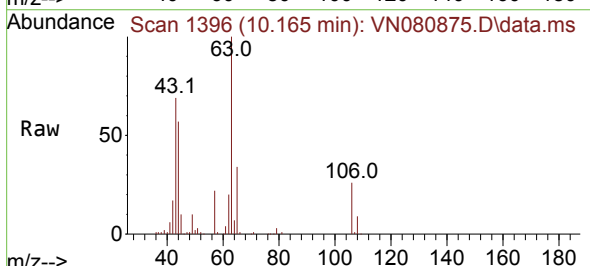
Acq: 02 Feb 2024 15:42

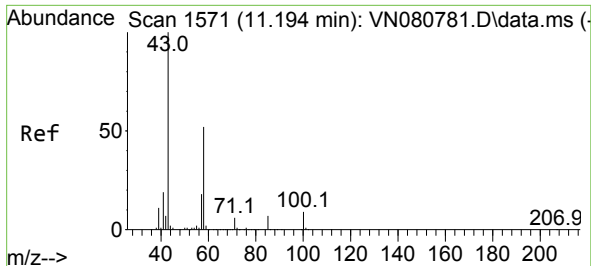
Tgt Ion: 63 Resp: 142439

Ion Ratio Lower Upper

63 100

106 23.3 18.6 28.0

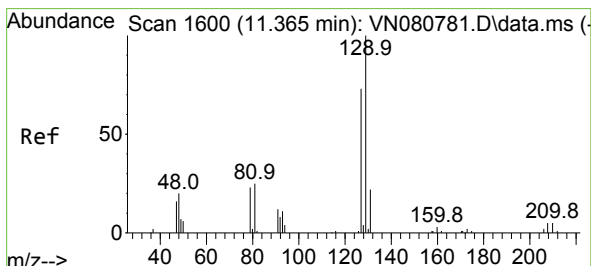
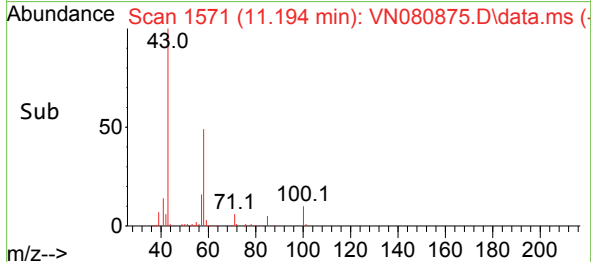
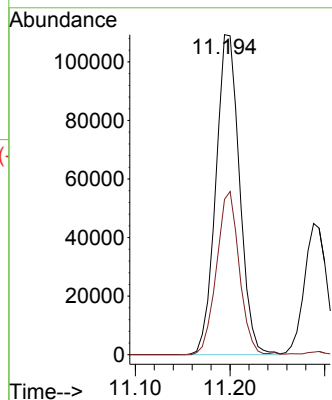
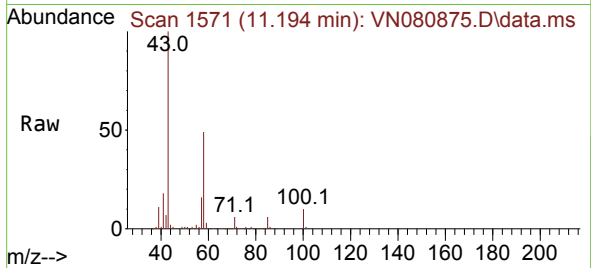




#59  
2-Hexanone  
Concen: 106.122 ug/l  
RT: 11.194 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

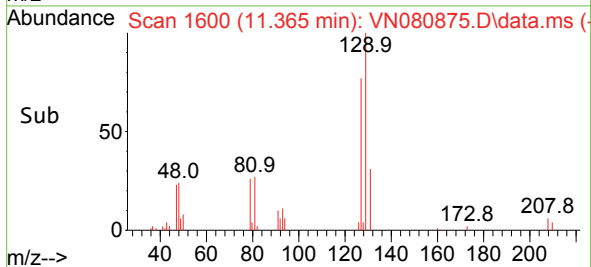
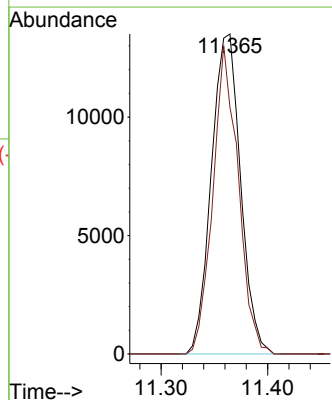
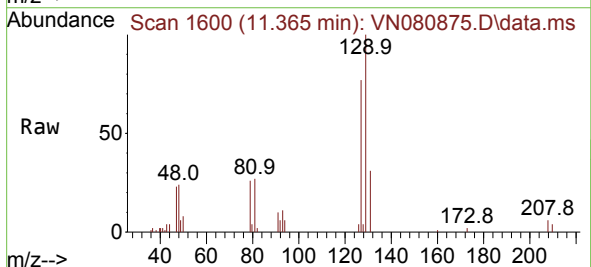
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

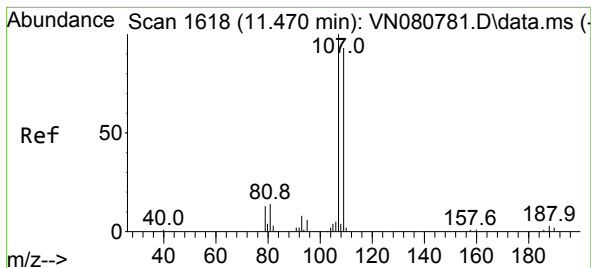
Tgt Ion: 43 Resp: 190476  
Ion Ratio Lower Upper  
43 100  
58 49.0 25.9 77.8



#60  
Dibromochloromethane  
Concen: 19.351 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 129 Resp: 25708  
Ion Ratio Lower Upper  
129 100  
127 83.7 39.4 118.2

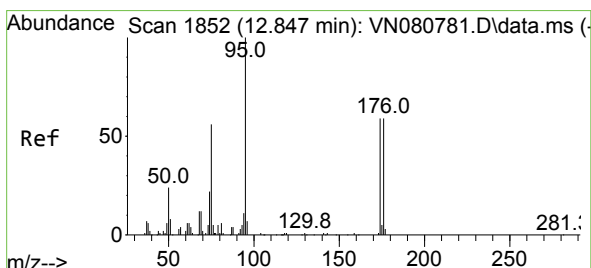
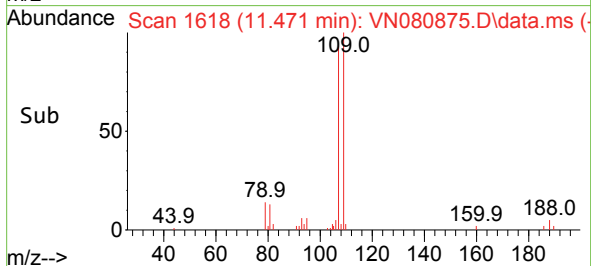
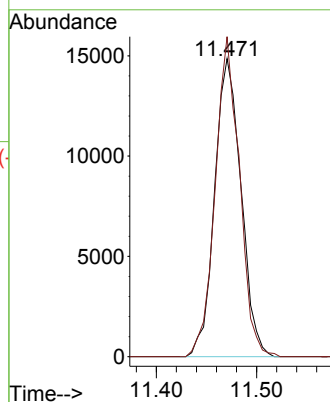
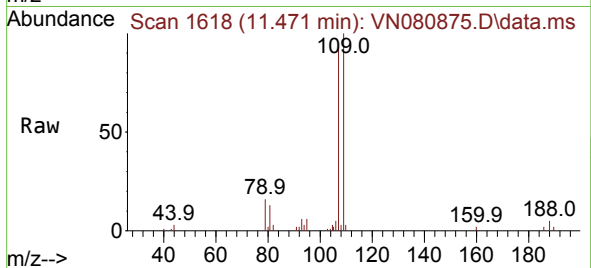




#61  
1,2-Dibromoethane  
Concen: 20.324 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

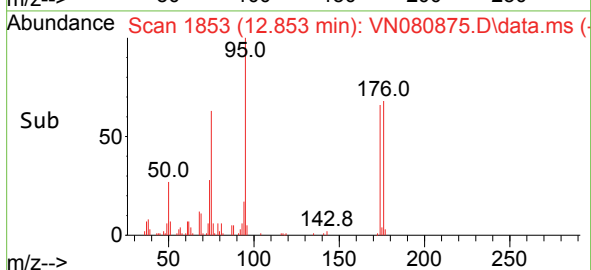
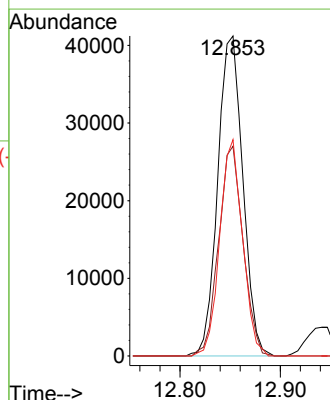
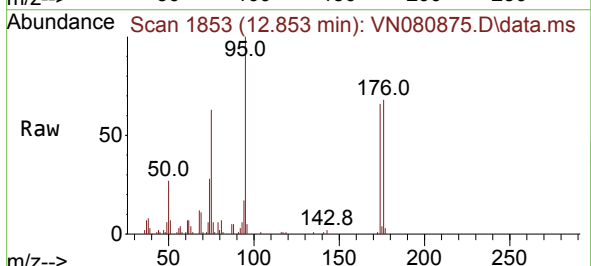
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

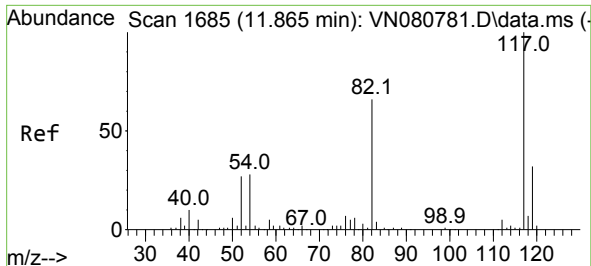
Tgt Ion:107 Resp: 27206  
Ion Ratio Lower Upper  
107 100  
109 98.8 73.4 110.2



#62  
4-Bromofluorobenzene  
Concen: 44.287 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 95 Resp: 71672  
Ion Ratio Lower Upper  
95 100  
174 63.6 0.0 120.4  
176 61.2 0.0 121.0

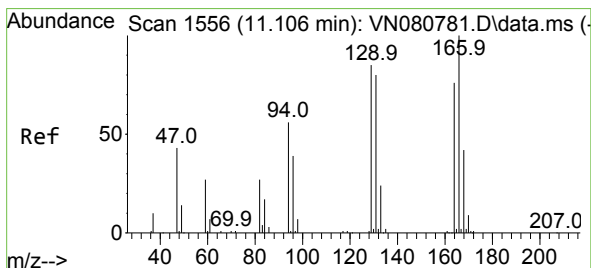
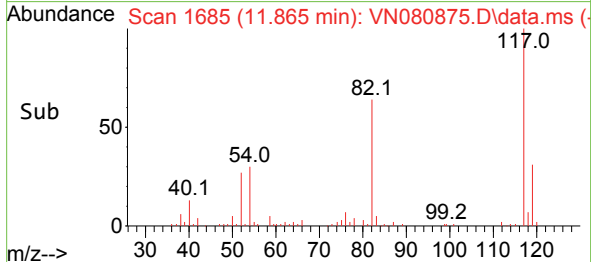
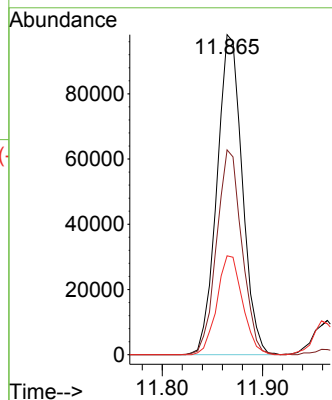
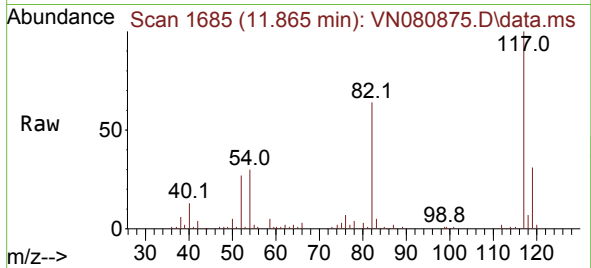




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

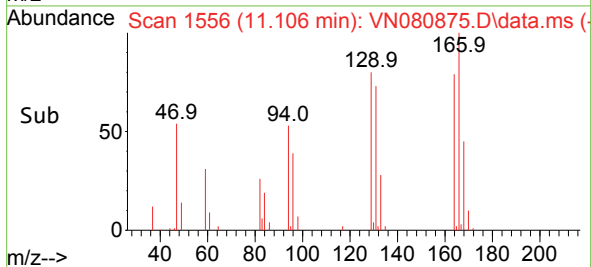
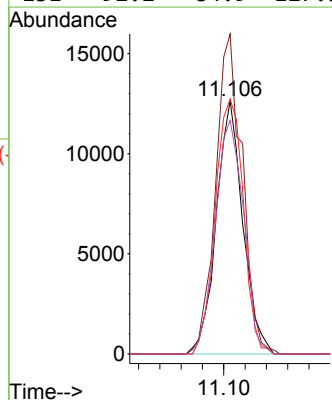
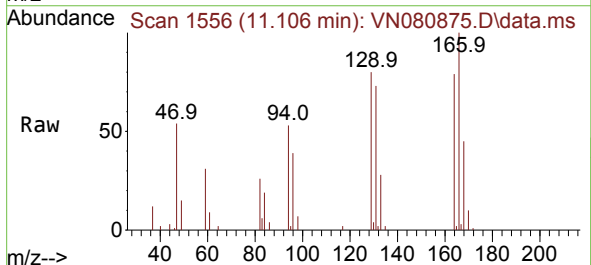
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

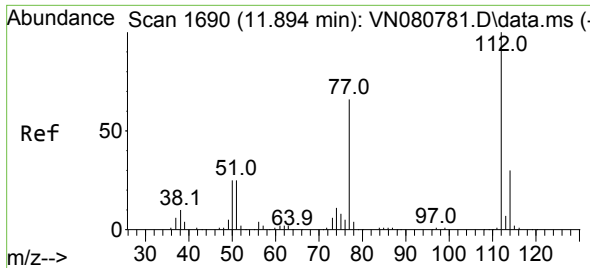
Tgt Ion:117 Resp: 171977  
Ion Ratio Lower Upper  
117 100  
82 64.0 52.7 79.1  
119 30.9 25.3 37.9



#64  
Tetrachloroethene  
Concen: 19.307 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion:164 Resp: 21824  
Ion Ratio Lower Upper  
164 100  
166 126.4 105.8 158.6  
129 100.6 89.6 134.4  
131 92.2 84.9 127.3

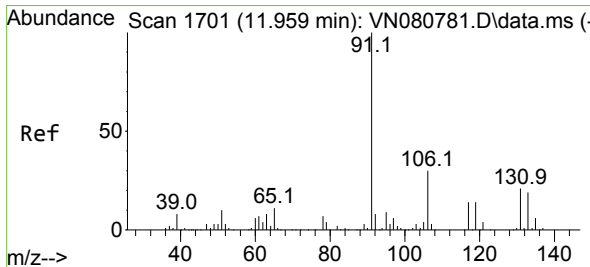
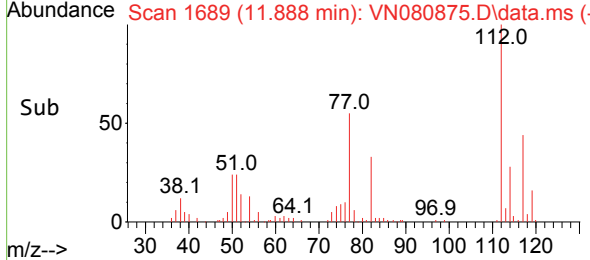
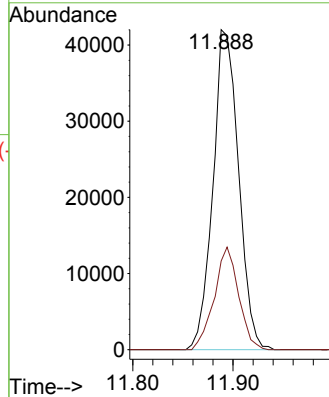
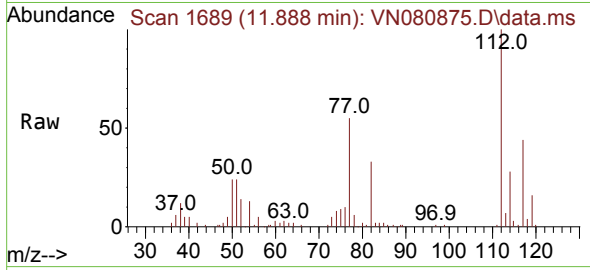




#65  
Chlorobenzene  
Concen: 19.817 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. -0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

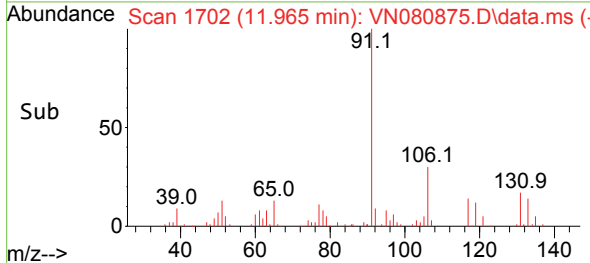
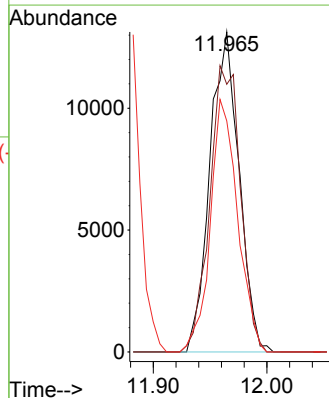
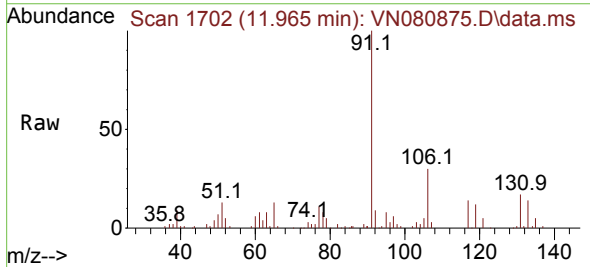
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

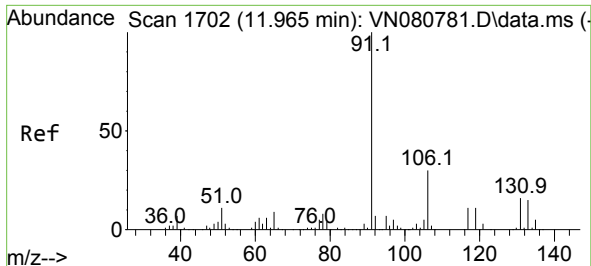
Tgt Ion:112 Resp: 74381  
Ion Ratio Lower Upper  
112 100  
114 27.7 23.7 35.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.216 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion:131 Resp: 23454  
Ion Ratio Lower Upper  
131 100  
133 94.0 46.8 140.3  
119 73.9 34.6 103.9

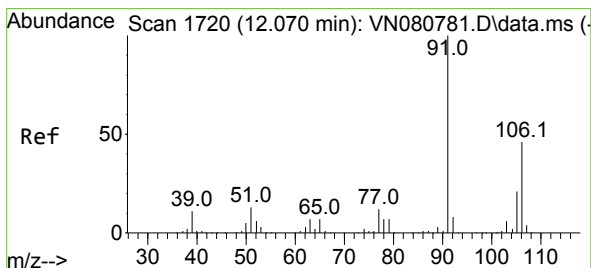
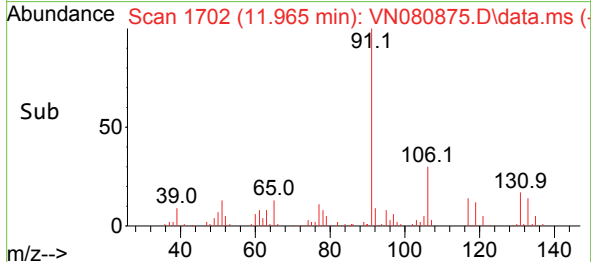
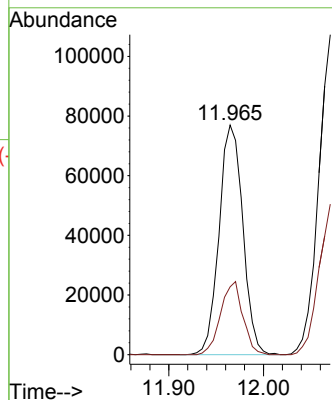
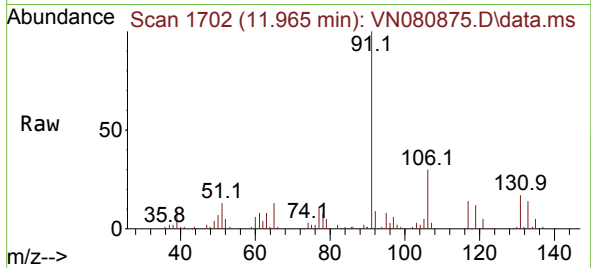




#67  
Ethyl Benzene  
Concen: 19.239 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

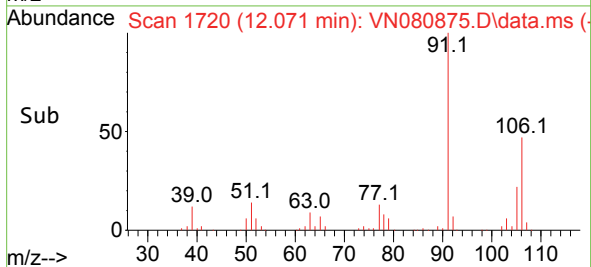
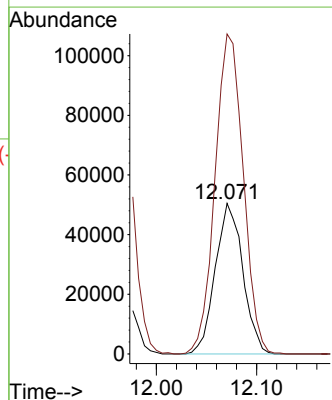
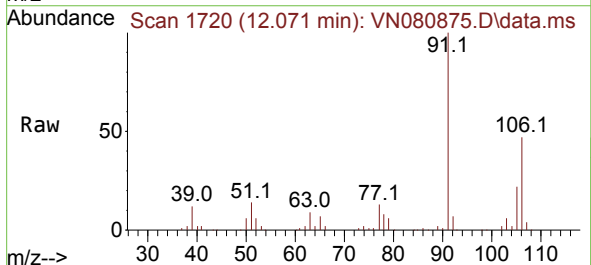
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

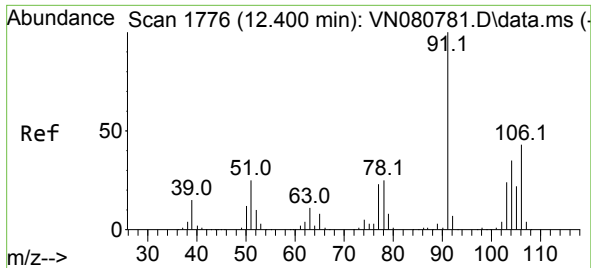
Tgt Ion: 91 Resp: 134213  
Ion Ratio Lower Upper  
91 100  
106 29.5 23.8 35.6



#68  
m/p-Xylenes  
Concen: 38.893 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion:106 Resp: 96357  
Ion Ratio Lower Upper  
106 100  
91 217.7 169.0 253.6

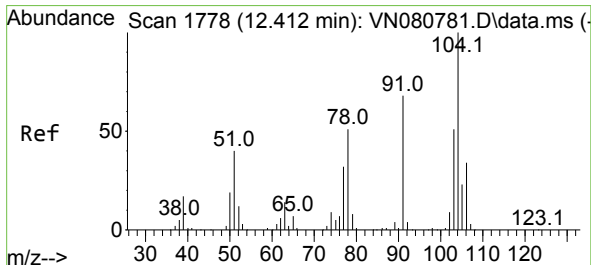
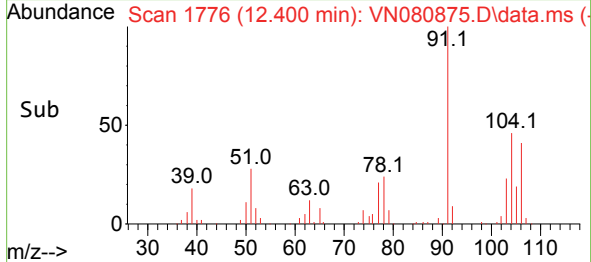
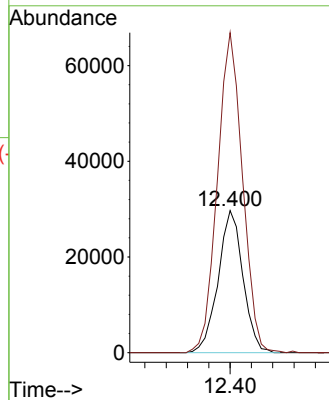
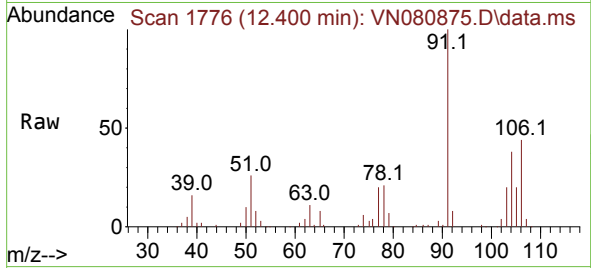




#69  
o-Xylene  
Concen: 19.517 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

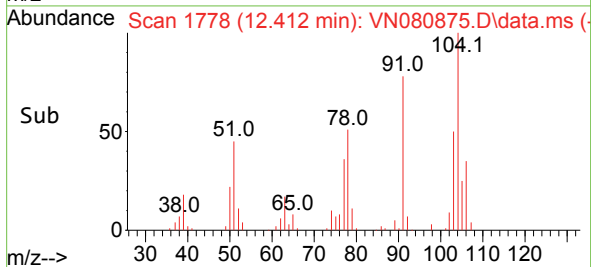
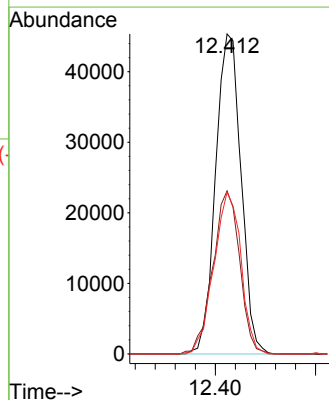
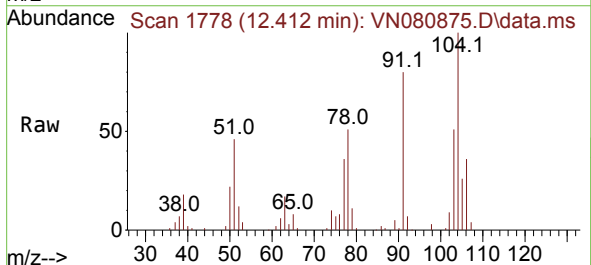
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

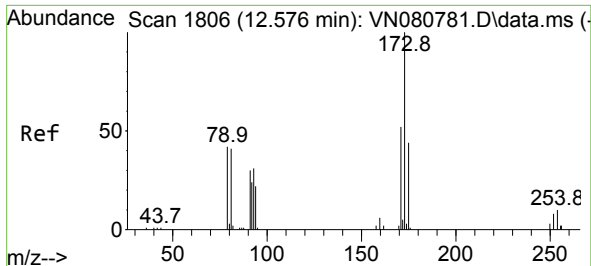
Tgt Ion:106 Resp: 48046  
Ion Ratio Lower Upper  
106 100  
91 227.3 112.1 336.3



#70  
Styrene  
Concen: 20.170 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion:104 Resp: 79743  
Ion Ratio Lower Upper  
104 100  
78 53.8 43.8 65.8  
103 53.8 44.2 66.2

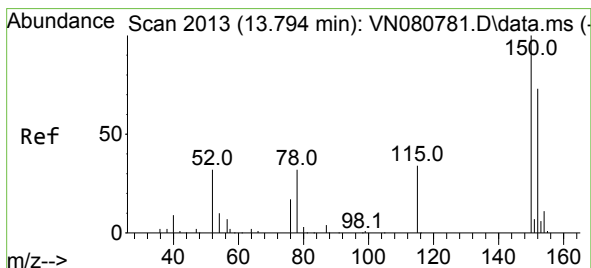
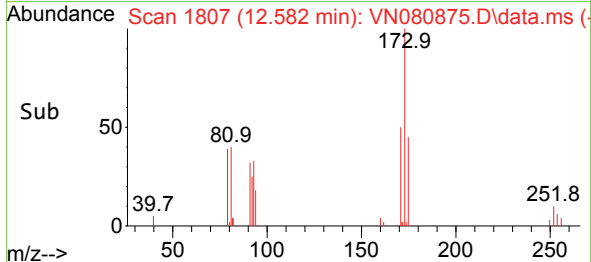
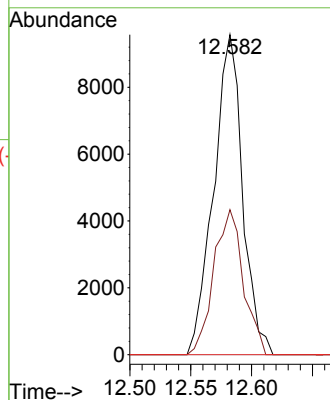
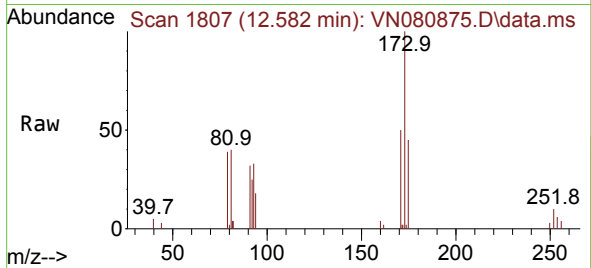




#71  
Bromoform  
Concen: 19.177 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

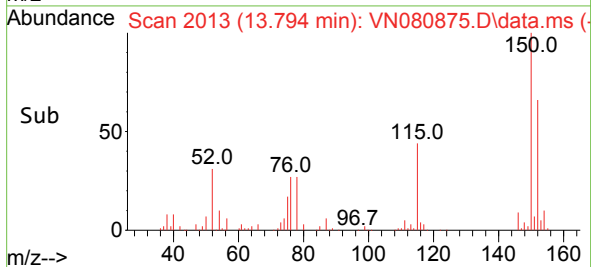
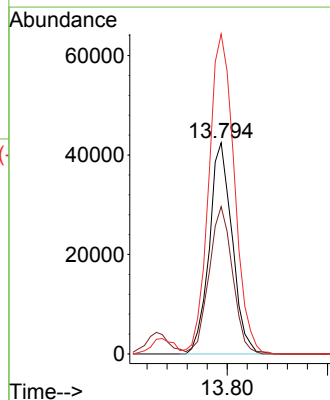
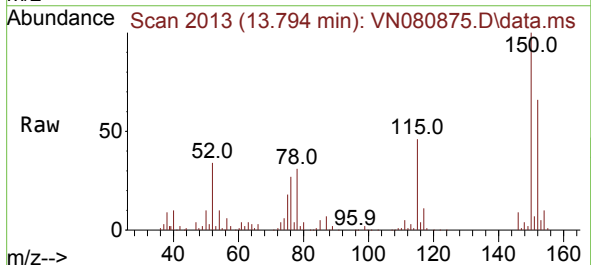
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

Tgt Ion:173 Resp: 15826  
Ion Ratio Lower Upper  
173 100  
175 46.3 23.1 69.2  
254 0.0 0.0 0.0

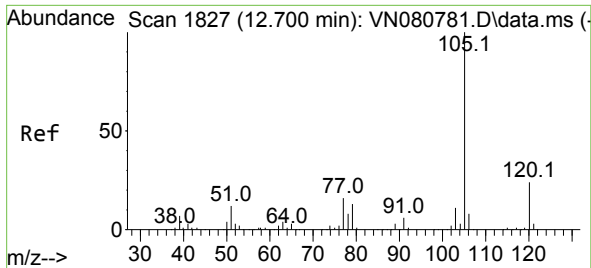


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion:152 Resp: 67256  
Ion Ratio Lower Upper  
152 100  
115 71.8 32.3 96.8  
150 169.2 0.0 339.8



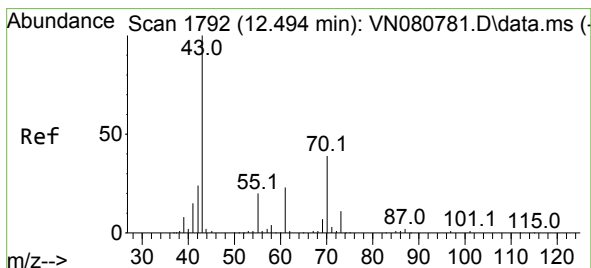
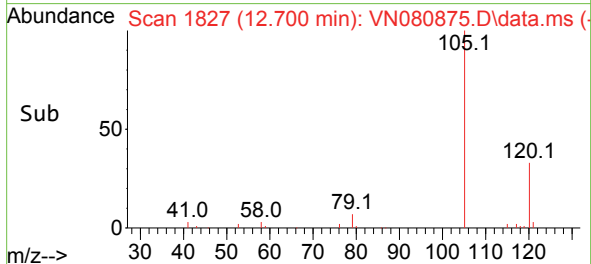
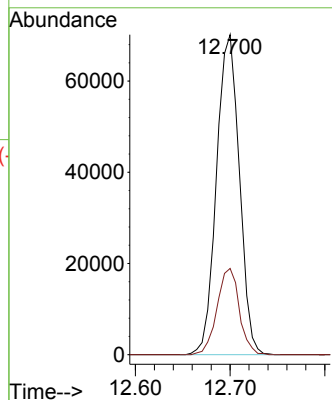
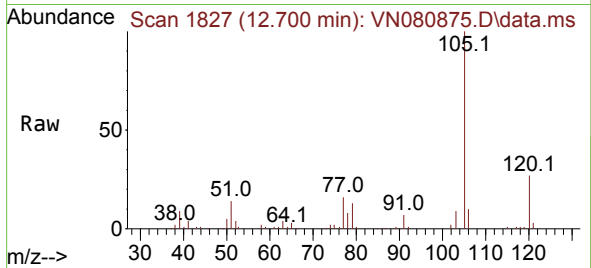




#73  
Isopropylbenzene  
Concen: 19.110 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

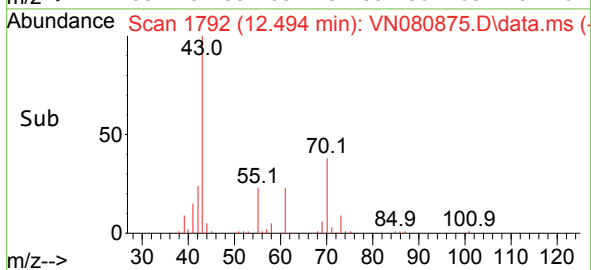
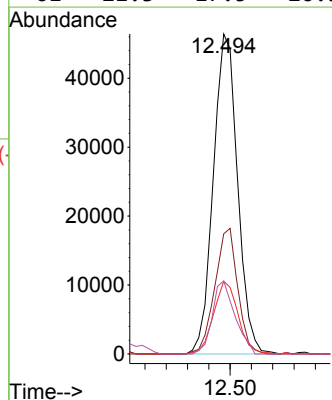
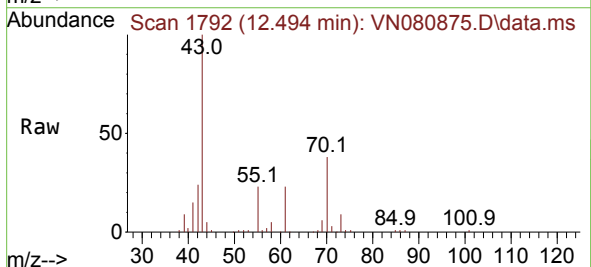
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

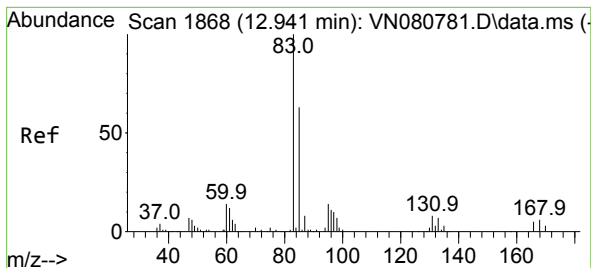
Tgt Ion:105 Resp: 117698  
Ion Ratio Lower Upper  
105 100  
120 26.2 12.6 37.6



#74  
N-ethyl acetate  
Concen: 19.166 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 43 Resp: 73290  
Ion Ratio Lower Upper  
43 100  
70 37.0 30.1 45.1  
55 22.8 17.0 25.4  
61 21.3 17.5 26.3

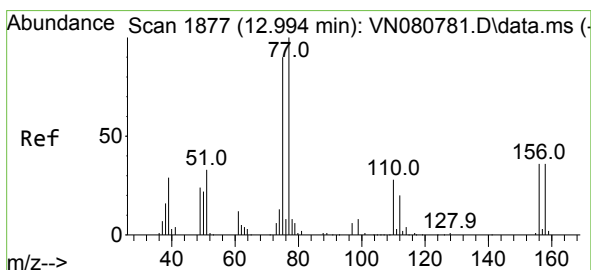
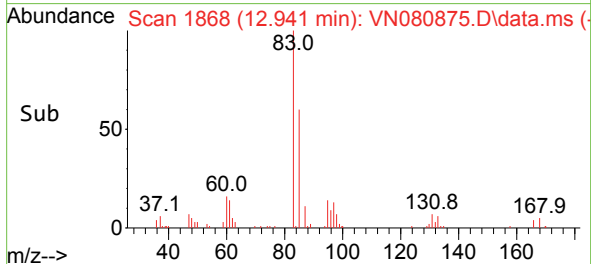
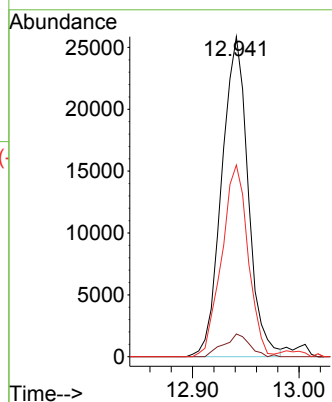
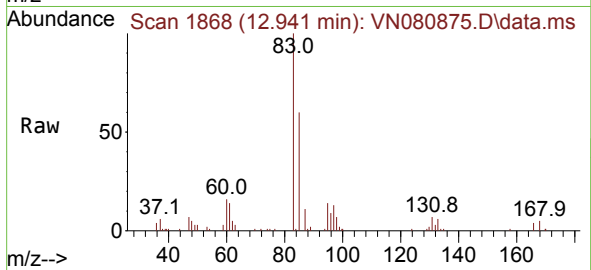




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.509 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

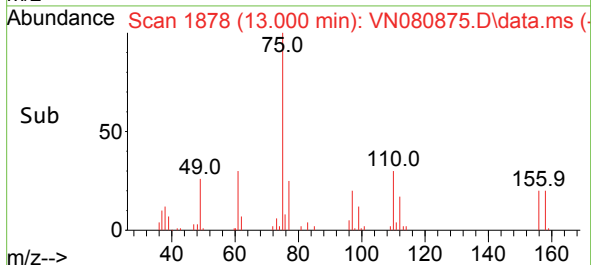
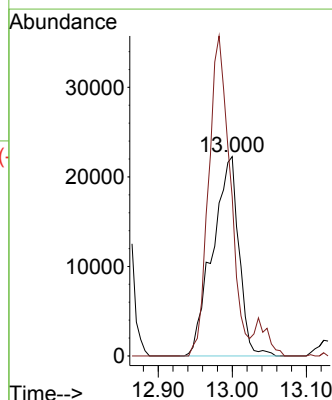
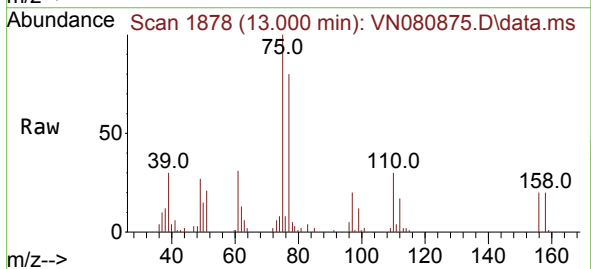
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

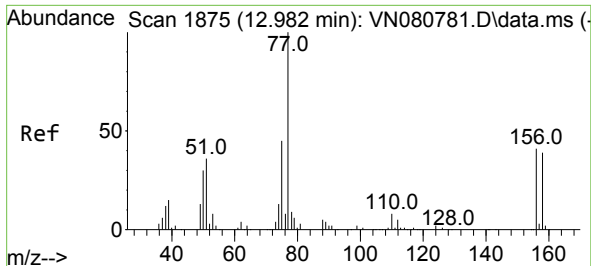
Tgt Ion: 83 Resp: 44433  
Ion Ratio Lower Upper  
83 100  
131 7.0 4.1 12.3  
85 59.8 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 27.084 ug/l  
RT: 13.000 min Scan# 1878  
Delta R.T. 0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 75 Resp: 54938  
Ion Ratio Lower Upper  
75 100  
77 131.5 91.0 272.8

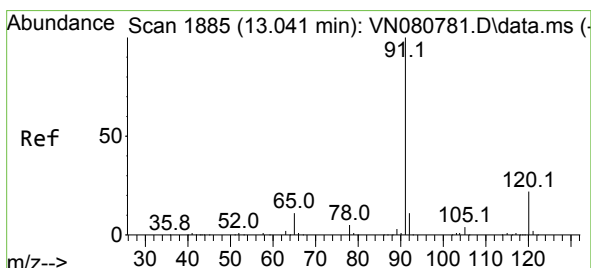
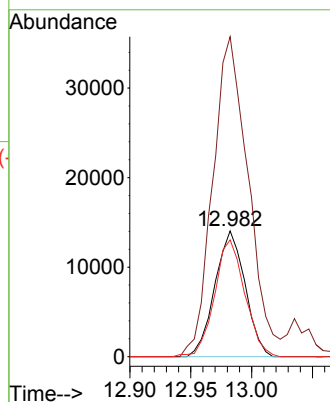
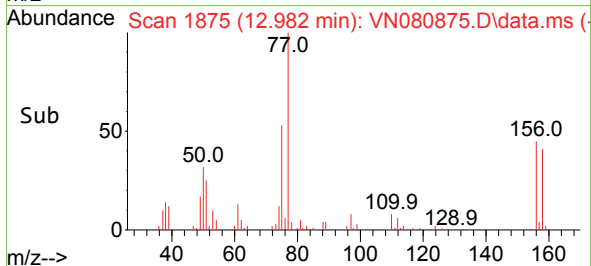
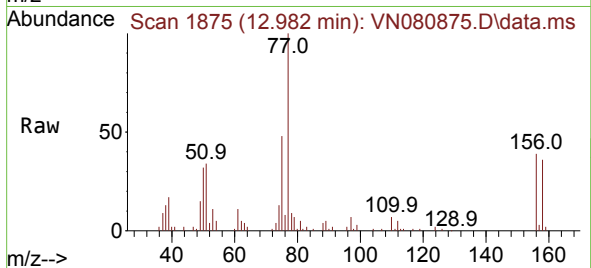




#77  
Bromobenzene  
Concen: 18.421 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

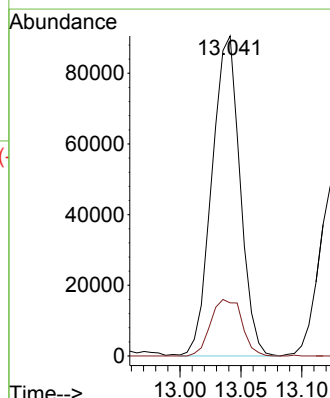
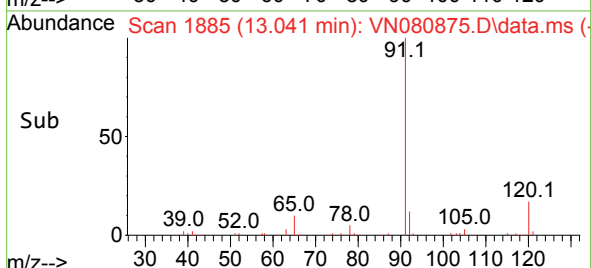
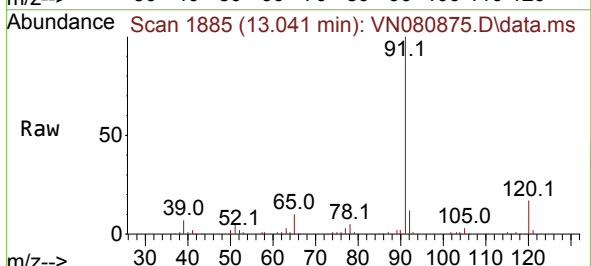
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

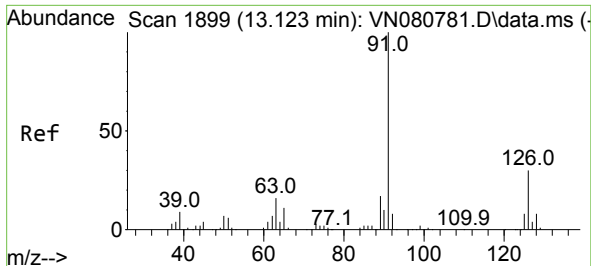
Tgt Ion:156 Resp: 24252  
Ion Ratio Lower Upper  
156 100  
77 297.8 138.1 414.3  
158 93.2 46.5 139.5



#78  
n-propylbenzene  
Concen: 19.773 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 91 Resp: 145489  
Ion Ratio Lower Upper  
91 100  
120 19.7 10.3 30.9

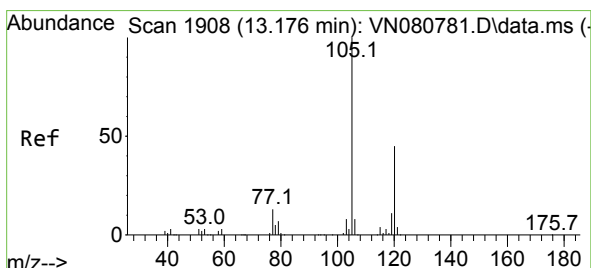
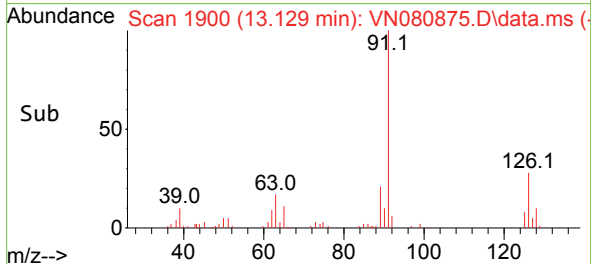
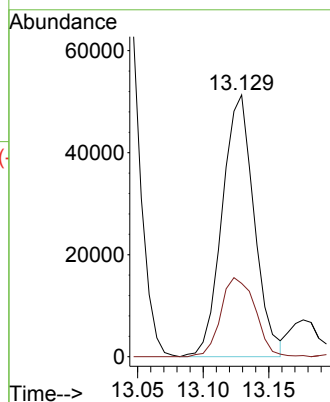
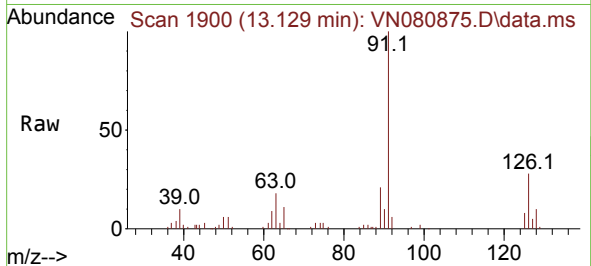




#79  
2-Chlorotoluene  
Concen: 18.621 ug/l  
RT: 13.129 min Scan# 1899  
Delta R.T. 0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

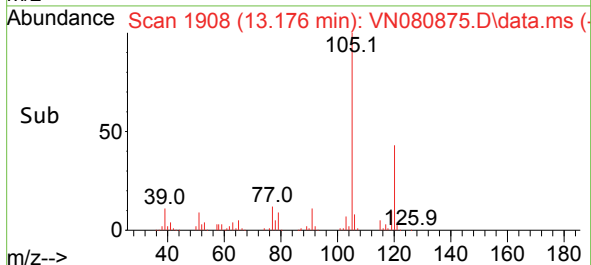
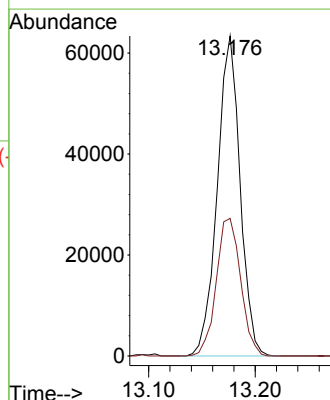
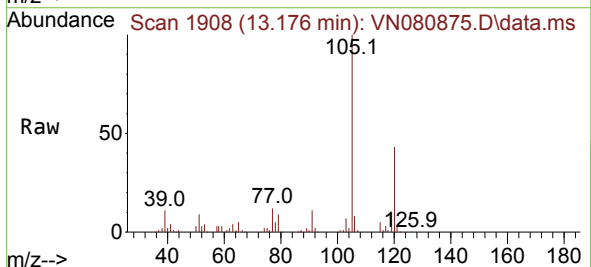
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

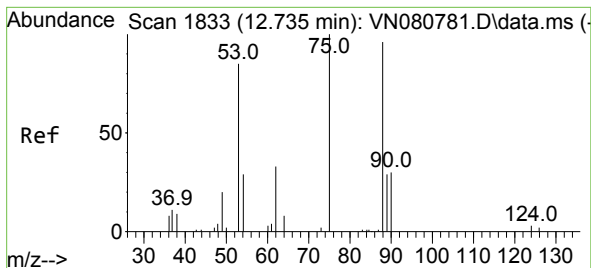
Tgt Ion: 91 Resp: 87083  
Ion Ratio Lower Upper  
91 100  
126 32.5 14.8 44.4



#80  
1,3,5-Trimethylbenzene  
Concen: 19.223 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 105 Resp: 94290  
Ion Ratio Lower Upper  
105 100  
120 45.9 23.0 69.0

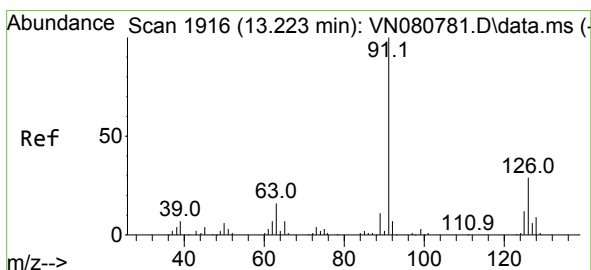
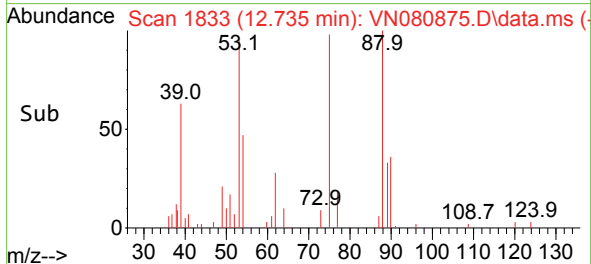
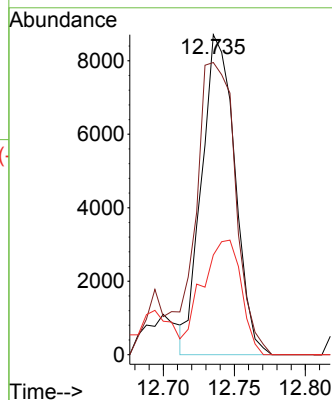
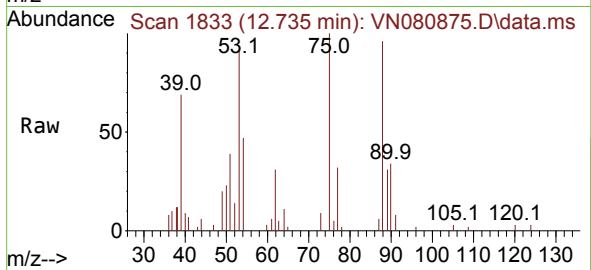




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.934 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

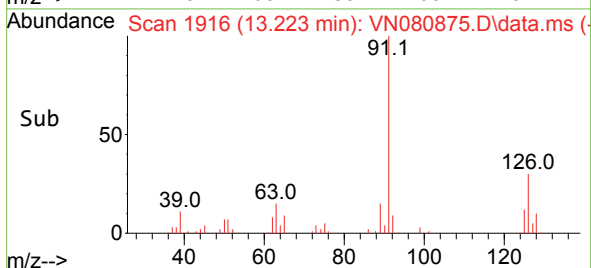
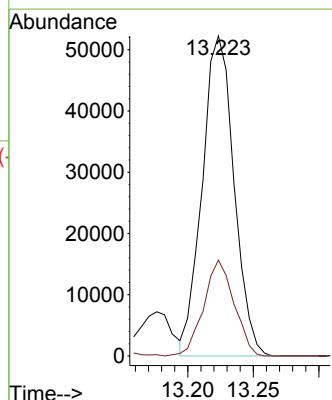
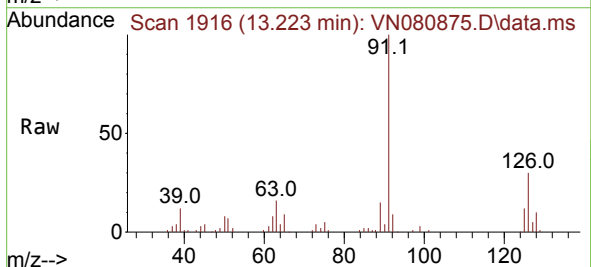
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

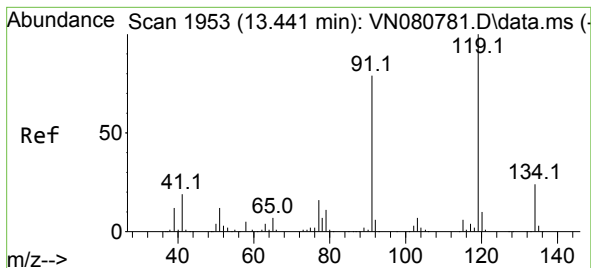
Tgt Ion: 75 Resp: 14121  
Ion Ratio Lower Upper  
75 100  
53 105.6 71.4 107.2  
89 42.6 33.4 50.0



#82  
4-Chlorotoluene  
Concen: 19.024 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 91 Resp: 88092  
Ion Ratio Lower Upper  
91 100  
126 28.6 15.3 45.9





#83

tert-Butylbenzene

Concen: 19.516 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0202WBS01

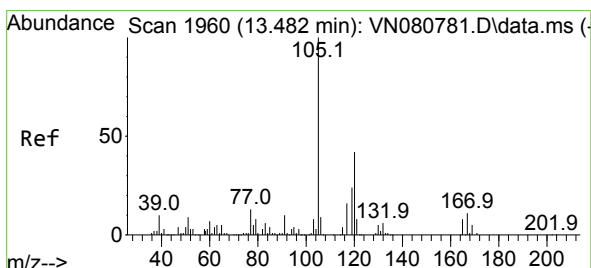
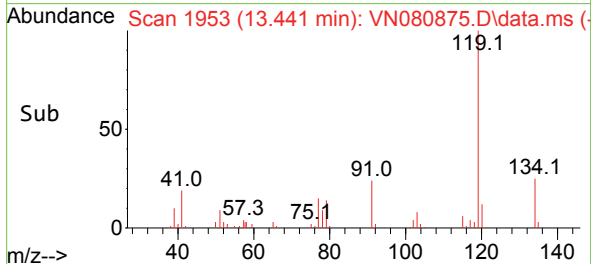
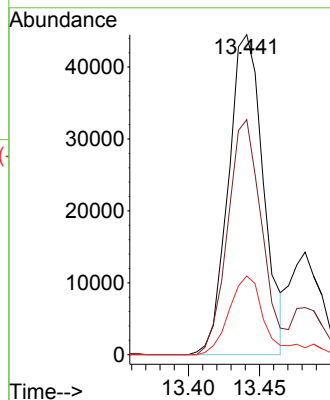
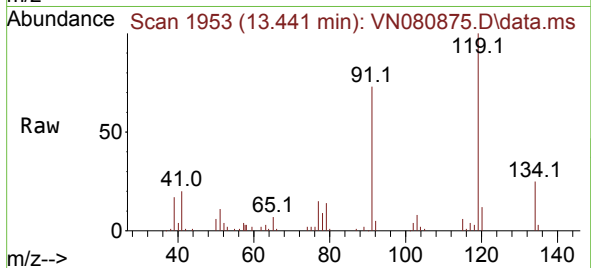
Tgt Ion:119 Resp: 76444

Ion Ratio Lower Upper

119 100

91 72.2 36.8 110.4

134 23.7 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 19.387 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080875.D

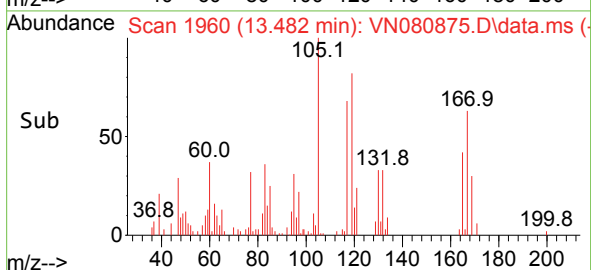
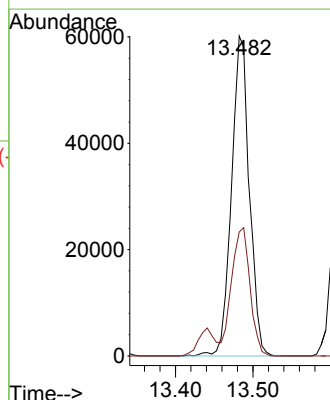
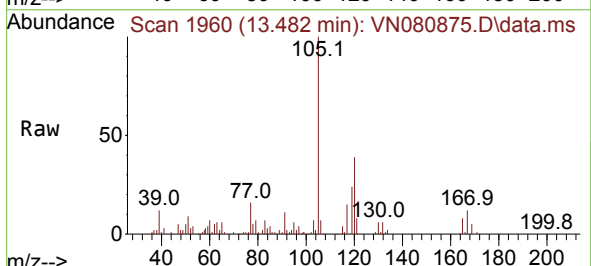
Acq: 02 Feb 2024 15:42

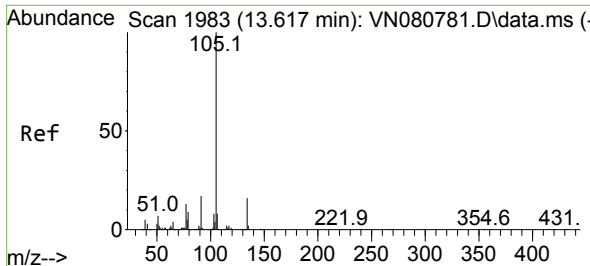
Tgt Ion:105 Resp: 96349

Ion Ratio Lower Upper

105 100

120 41.4 20.9 62.7

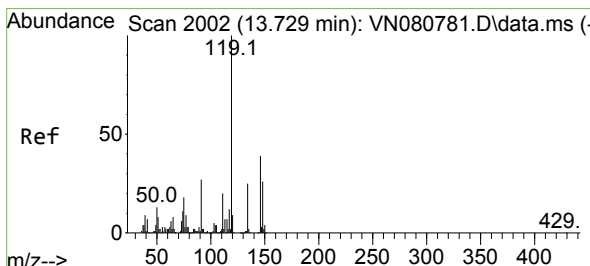
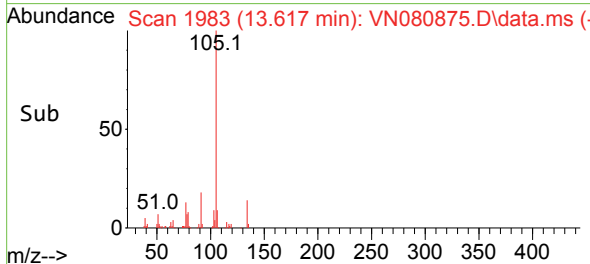
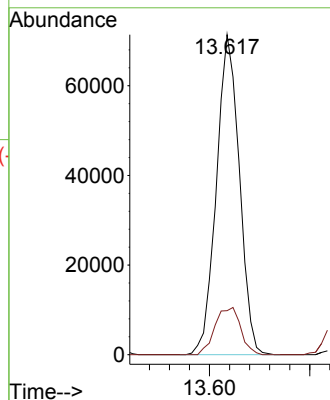
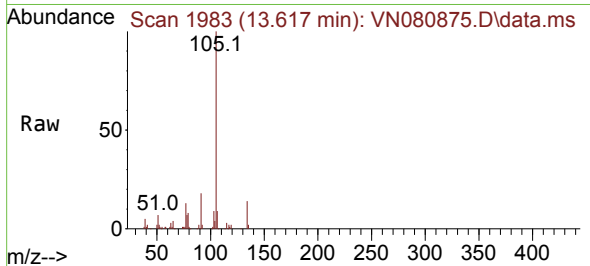




#85  
 sec-Butylbenzene  
 Concen: 19.612 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN080875.D  
 Acq: 02 Feb 2024 15:42

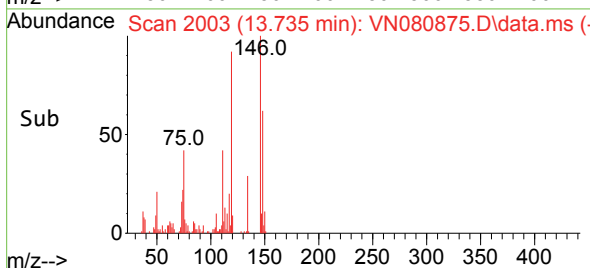
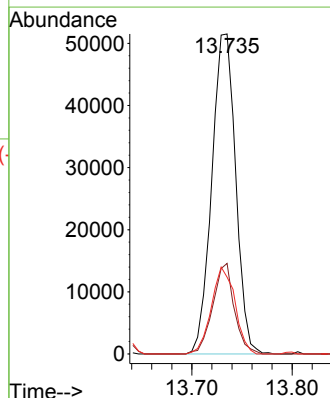
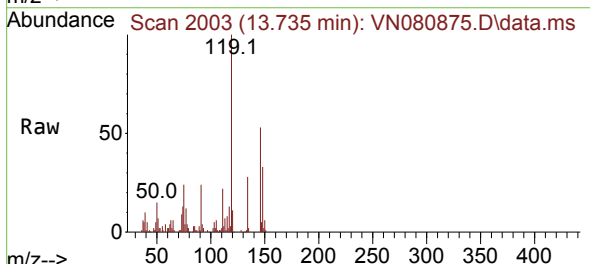
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0202WBS01

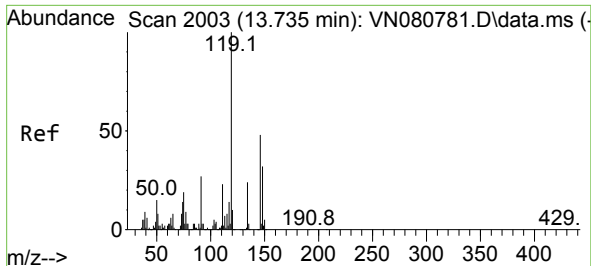
Tgt Ion:105 Resp: 113253  
 Ion Ratio Lower Upper  
 105 100  
 134 16.4 8.6 25.8



#86  
 p-Isopropyltoluene  
 Concen: 19.020 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.006 min  
 Lab File: VN080875.D  
 Acq: 02 Feb 2024 15:42

Tgt Ion:119 Resp: 85357  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.4 37.2  
 91 26.8 13.5 40.4

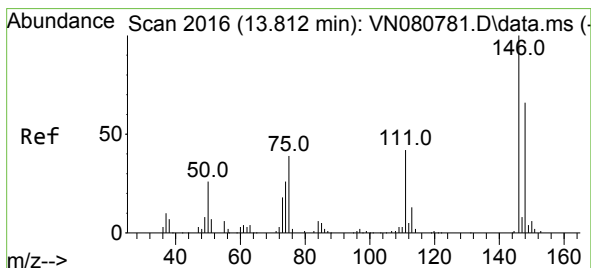
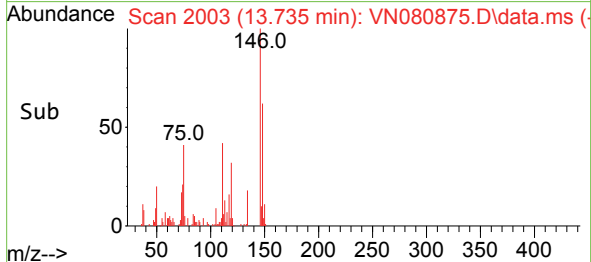
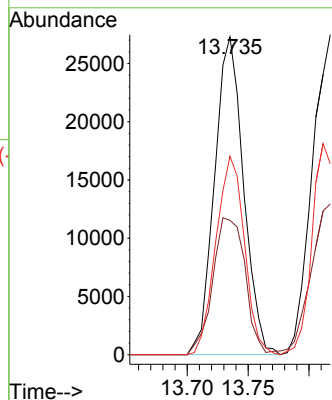
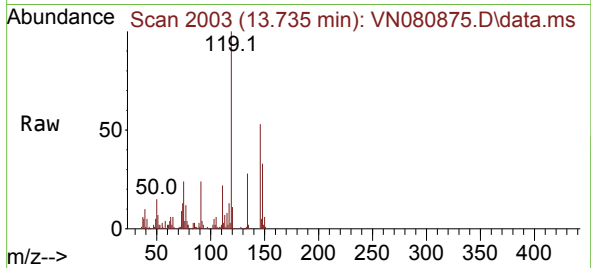




#87  
1,3-Dichlorobenzene  
Concen: 19.164 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

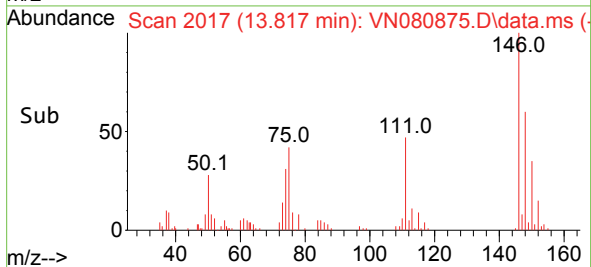
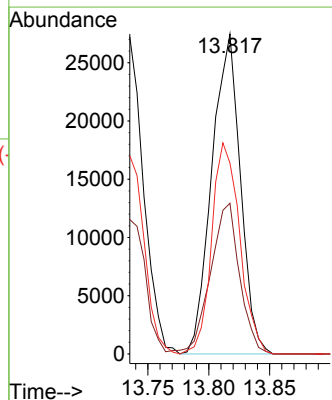
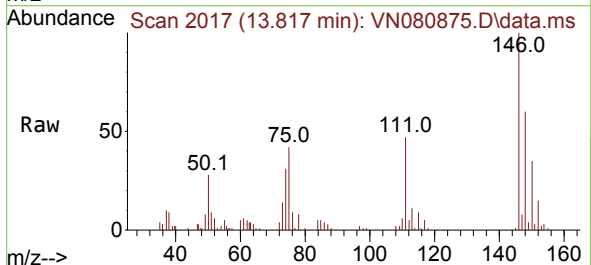
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

Tgt Ion:146 Resp: 45130  
Ion Ratio Lower Upper  
146 100  
111 48.1 23.9 71.7  
148 61.5 32.6 97.7

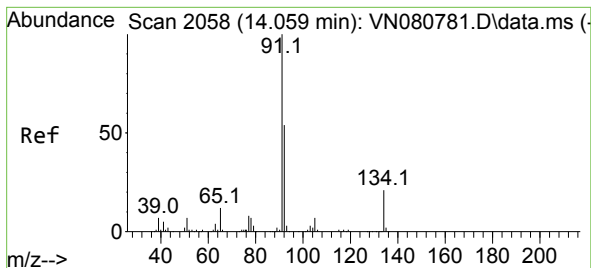


#88  
1,4-Dichlorobenzene  
Concen: 18.970 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. 0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion:146 Resp: 44788  
Ion Ratio Lower Upper  
146 100  
111 48.2 22.6 67.7  
148 64.8 31.9 95.5







#89

n-Butylbenzene

Concen: 18.268 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0202WBS01

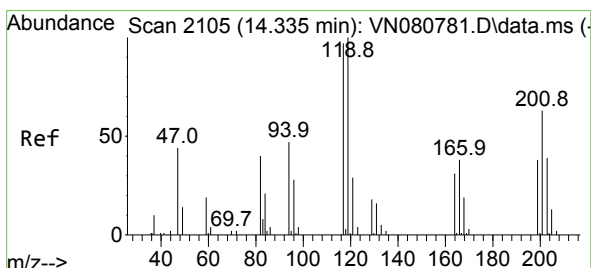
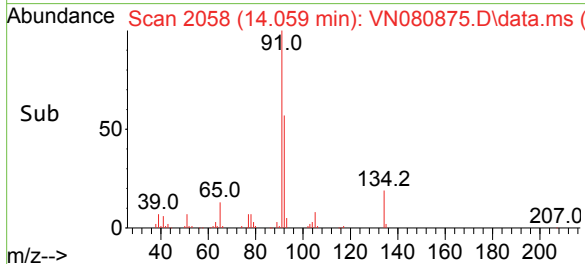
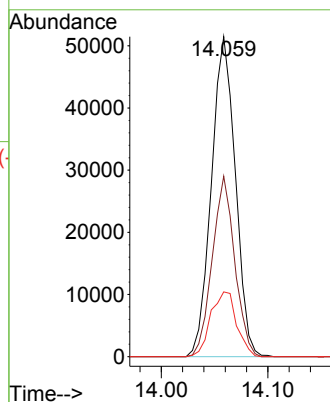
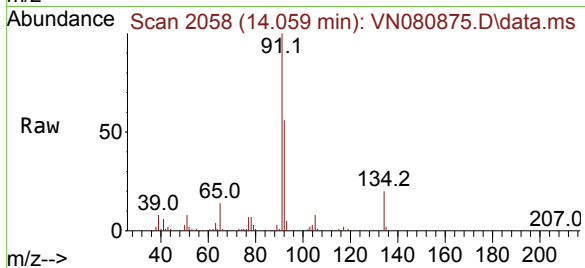
Tgt Ion: 91 Resp: 80226

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.1

134 21.9 10.8 32.4



#90

Hexachloroethane

Concen: 18.302 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080875.D

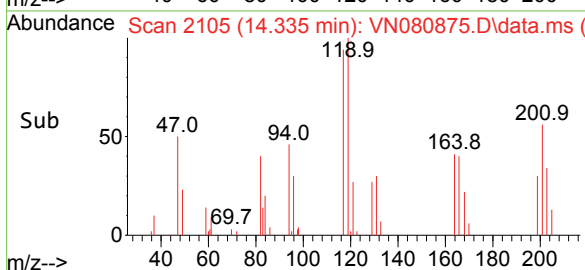
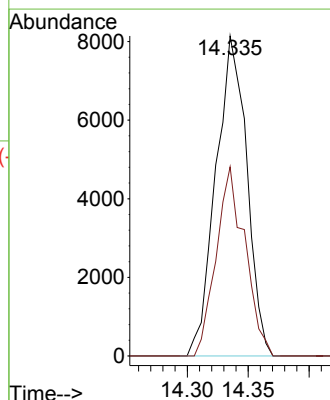
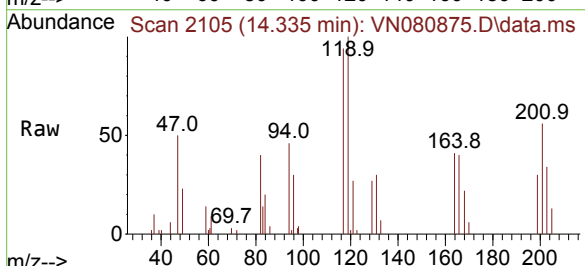
Acq: 02 Feb 2024 15:42

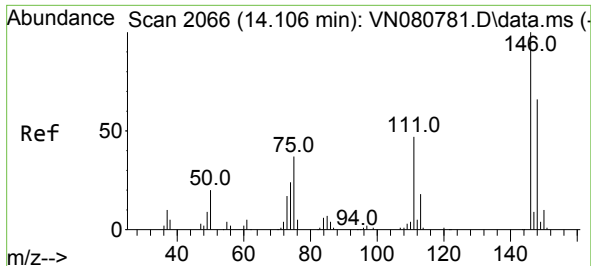
Tgt Ion: 117 Resp: 14372

Ion Ratio Lower Upper

117 100

201 55.0 30.0 90.0

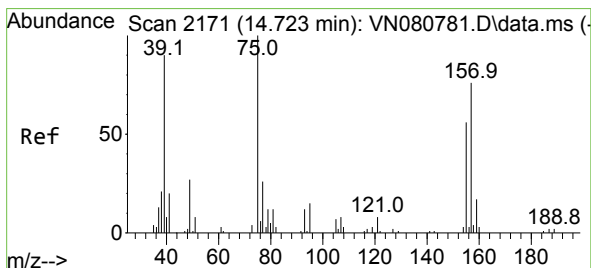
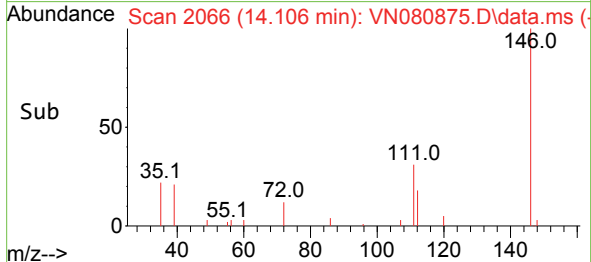
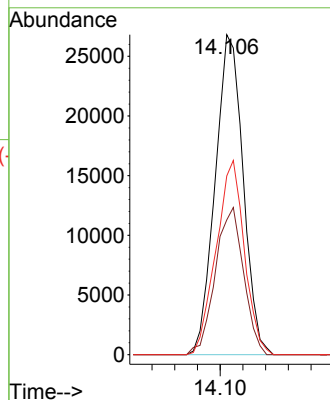
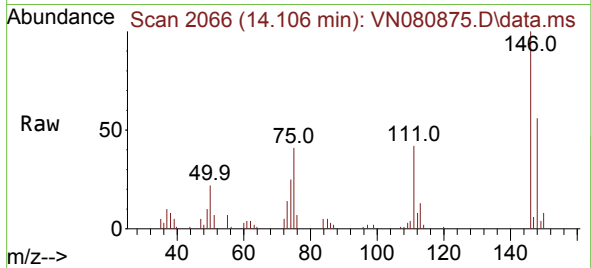




#91  
1,2-Dichlorobenzene  
Concen: 21.250 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

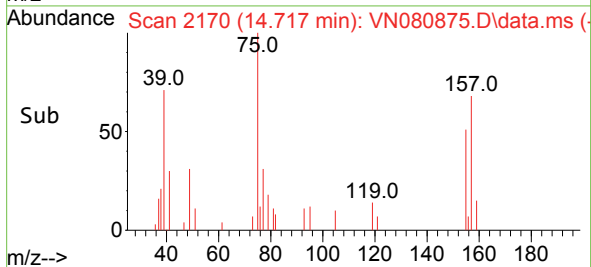
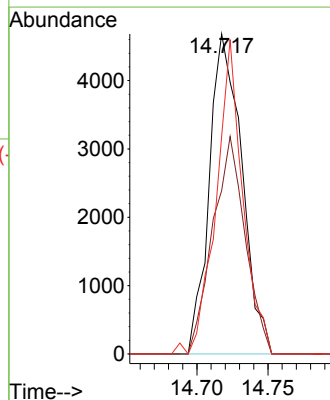
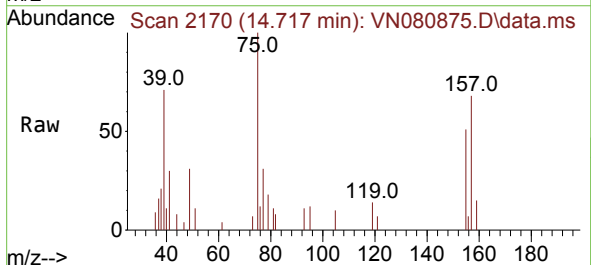
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

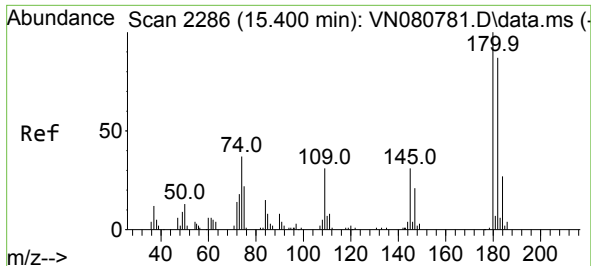
Tgt Ion:146 Resp: 45801  
Ion Ratio Lower Upper  
146 100  
111 46.6 23.9 71.8  
148 61.4 31.4 94.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.400 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion: 75 Resp: 7451  
Ion Ratio Lower Upper  
75 100  
155 67.6 31.8 95.4  
157 80.5 41.1 123.4

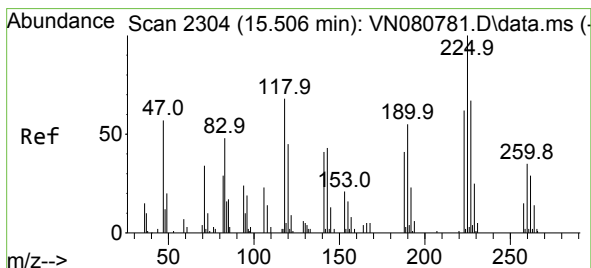
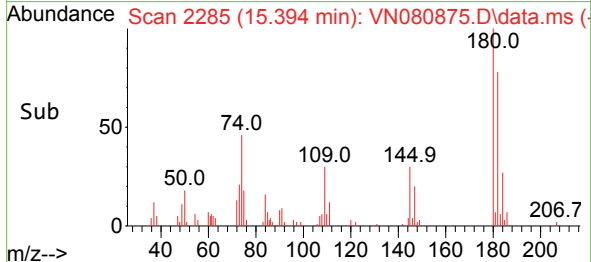
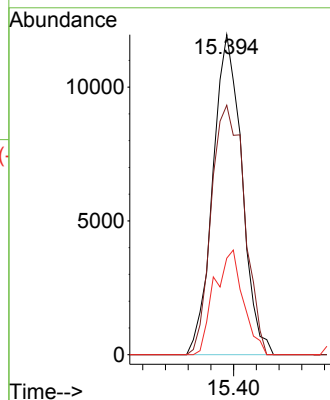
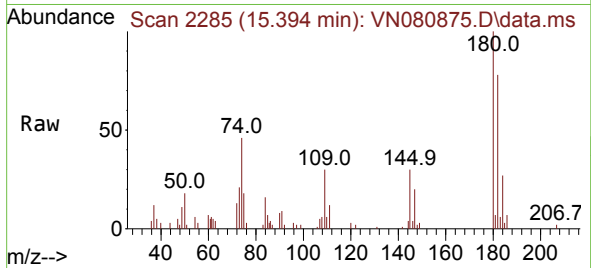




#93  
1,2,4-Trichlorobenzene  
Concen: 19.095 ug/l  
RT: 15.394 min Scan# 21183  
Delta R.T. -0.006 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

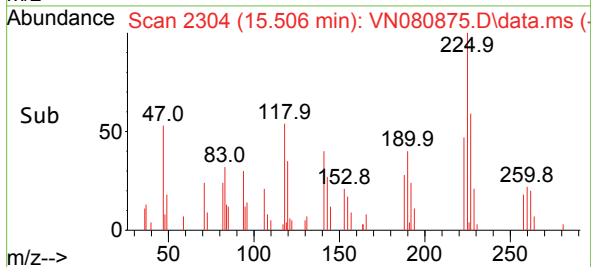
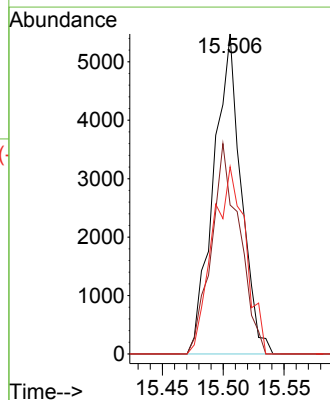
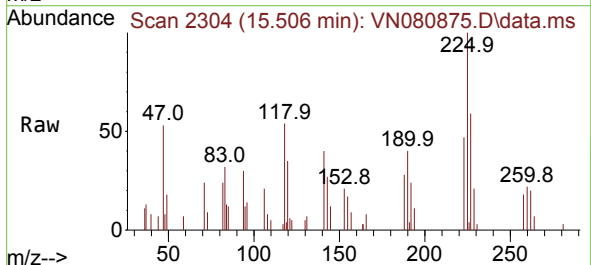
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0202WBS01

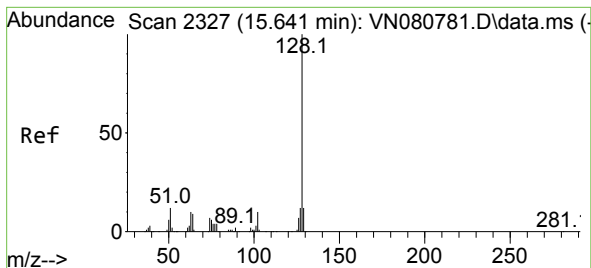
Tgt Ion:180 Resp: 21183  
Ion Ratio Lower Upper  
180 100  
182 88.7 46.6 139.7  
145 32.6 16.8 50.3



#94  
Hexachlorobutadiene  
Concen: 17.844 ug/l  
RT: 15.506 min Scan# 2304  
Delta R.T. 0.000 min  
Lab File: VN080875.D  
Acq: 02 Feb 2024 15:42

Tgt Ion:225 Resp: 8648  
Ion Ratio Lower Upper  
225 100  
223 66.9 33.3 99.8  
227 69.9 33.1 99.2





#95

Naphthalene

Concen: 19.827 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Instrument :

MSVOA\_N

ClientSampleId :

VN0202WBS01

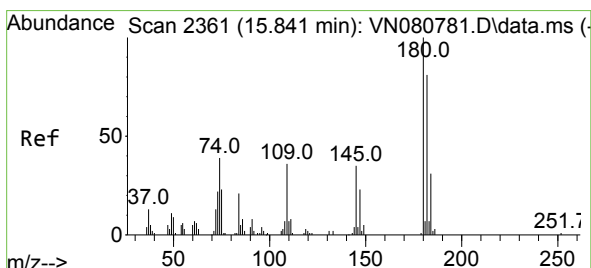
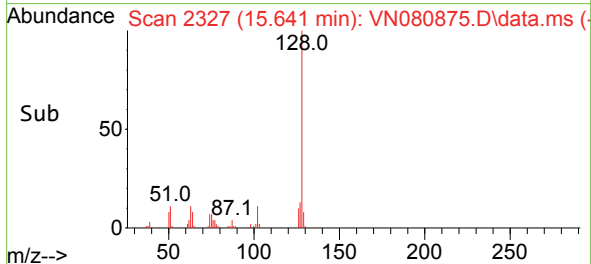
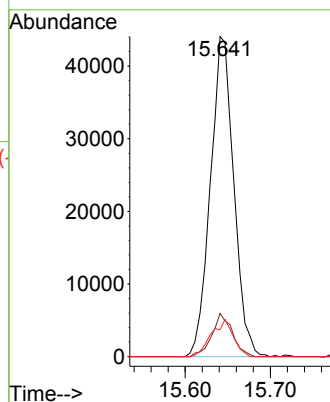
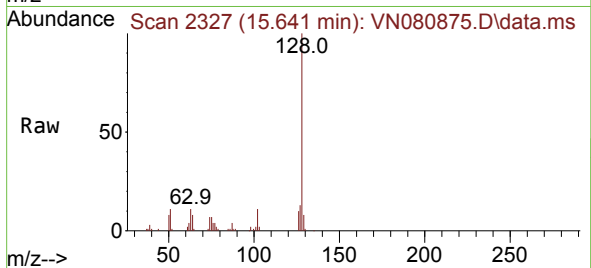
Tgt Ion:128 Resp: 84166

Ion Ratio Lower Upper

128 100

127 11.9 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 22.179 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080875.D

Acq: 02 Feb 2024 15:42

Tgt Ion:180 Resp: 24184

Ion Ratio Lower Upper

180 100

182 93.4 46.5 139.3

145 34.0 17.8 53.4

