

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071923\  
 Data File : VN078575.D  
 Acq On : 19 Jul 2023 13:00  
 Operator : JC\MD  
 Sample : VN0719WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0719WBSD01

Quant Time: Jul 20 01:31:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 10 16:13:53 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.235  | 168  | 468667   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 807697   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.870 | 117  | 715132   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 280322   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 329105   | 52.380   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 104.760% |      |
| 35) Dibromofluoromethane    | 8.177  | 113   | 281241   | 51.294   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.580% |      |
| 50) Toluene-d8              | 10.571 | 98    | 1059948  | 51.174   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 102.340% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 322322   | 50.521   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 101.040% |      |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 95675  | 16.650 | ug/l   | 94  |
| 3) Chloromethane             | 2.371 | 50  | 120857 | 19.351 | ug/l   | 93  |
| 4) Vinyl Chloride            | 2.518 | 62  | 143395 | 17.749 | ug/l   | 97  |
| 5) Bromomethane              | 2.959 | 94  | 102440 | 16.739 | ug/l   | 95  |
| 6) Chloroethane              | 3.124 | 64  | 96574  | 18.552 | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.506 | 101 | 179844 | 18.622 | ug/l   | 97  |
| 8) Diethyl Ether             | 3.971 | 74  | 60658  | 18.851 | ug/l   | 85  |
| 9) 1,1,2-Trichlorotrifluo... | 4.383 | 101 | 95427  | 18.666 | ug/l   | 94  |
| 10) Methyl Iodide            | 4.594 | 142 | 127322 | 18.123 | ug/l # | 94  |
| 11) Tert butyl alcohol       | 5.541 | 59  | 91048  | 93.975 | ug/l # | 83  |
| 12) 1,1-Dichloroethene       | 4.347 | 96  | 89807  | 18.160 | ug/l # | 83  |
| 13) Acrolein                 | 4.195 | 56  | 83787  | 87.899 | ug/l   | 94  |
| 14) Allyl chloride           | 5.042 | 41  | 134306 | 19.875 | ug/l   | 95  |
| 15) Acrylonitrile            | 5.730 | 53  | 235814 | 96.332 | ug/l   | 99  |
| 16) Acetone                  | 4.436 | 43  | 187843 | 95.978 | ug/l   | 93  |
| 17) Carbon Disulfide         | 4.724 | 76  | 225300 | 15.755 | ug/l   | 99  |
| 18) Methyl Acetate           | 5.042 | 43  | 162373 | 19.598 | ug/l # | 87  |
| 19) Methyl tert-butyl Ether  | 5.806 | 73  | 311494 | 19.117 | ug/l   | 99  |
| 20) Methylene Chloride       | 5.289 | 84  | 112100 | 19.216 | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 104361 | 18.727 | ug/l   | 90  |
| 22) Diisopropyl ether        | 6.683 | 45  | 307086 | 20.295 | ug/l # | 93  |
| 23) Vinyl Acetate            | 6.618 | 43  | 916073 | 95.233 | ug/l # | 90  |
| 24) 1,1-Dichloroethane       | 6.577 | 63  | 198215 | 19.441 | ug/l   | 97  |
| 25) 2-Butanone               | 7.494 | 43  | 295686 | 95.976 | ug/l # | 85  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 171435 | 20.558 | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.500 | 96  | 122789 | 19.047 | ug/l   | 91  |
| 28) Bromochloromethane       | 7.824 | 49  | 72047  | 15.003 | ug/l   | 91  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 193411 | 95.675 | ug/l # | 83  |
| 30) Chloroform               | 7.971 | 83  | 212718 | 20.040 | ug/l   | 94  |
| 31) Cyclohexane              | 8.265 | 56  | 146251 | 17.224 | ug/l   | 90  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 186859 | 19.635 | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 147273 | 18.603 | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.565 | 43  | 126060 | 19.101 | ug/l # | 96  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 166015 | 19.294 | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 133534 | 18.479 | ug/l   | 92  |
| 40) Benzene                  | 8.612 | 78  | 461155 | 19.662 | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071923\  
 Data File : VN078575.D  
 Acq On : 19 Jul 2023 13:00  
 Operator : JC\MD  
 Sample : VN0719WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0719WBSD01

Quant Time: Jul 20 01:31:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 10 16:13:53 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 64858    | 19.278  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 159180   | 19.953  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 226809   | 20.874  | ug/l # | 92       |
| 44) Trichloroethene           | 9.359  | 130  | 117706   | 18.620  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.629  | 63   | 123021   | 20.710  | ug/l   | 95       |
| 46) Dibromomethane            | 9.712  | 93   | 82941    | 19.838  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.894  | 83   | 169806   | 20.261  | ug/l # | 92       |
| 48) Methyl methacrylate       | 9.688  | 41   | 97974    | 19.463  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 41255    | 375.803 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43   | 641256   | 99.222  | ug/l   | 93       |
| 52) Toluene                   | 10.635 | 92   | 285893   | 19.667  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 169842   | 19.781  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 187937   | 20.534  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 11.023 | 97   | 116810   | 20.395  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 160156   | 20.004  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 11.171 | 76   | 195461   | 20.072  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 232544   | 81.505  | ug/l   | 94       |
| 59) 2-Hexanone                | 11.200 | 43   | 441666   | 96.156  | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.365 | 129  | 124342   | 19.666  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 119563   | 20.266  | ug/l   | 94       |
| 64) Tetrachloroethene         | 11.112 | 164  | 96322    | 17.915  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 302964   | 18.953  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 118119   | 19.208  | ug/l   | 95       |
| 67) Ethyl Benzene             | 11.970 | 91   | 520486   | 19.263  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.076 | 106  | 406035   | 40.644  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 192978   | 19.125  | ug/l   | 97       |
| 70) Styrene                   | 12.418 | 104  | 311672   | 19.743  | ug/l   | 98       |
| 71) Bromoform                 | 12.582 | 173  | 78641    | 18.883  | ug/l # | 95       |
| 73) Isopropylbenzene          | 12.700 | 105  | 482098   | 18.303  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.500 | 43   | 162769   | 17.931  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 164114   | 20.479  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 189006   | 27.895  | ug/l   | 71       |
| 77) Bromobenzene              | 12.982 | 156  | 117448   | 19.563  | ug/l   | 96       |
| 78) n-propylbenzene           | 13.041 | 91   | 541000   | 19.205  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 343389   | 18.610  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 398824   | 19.163  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 44891    | 17.410  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.229 | 91   | 325770   | 18.926  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 334287   | 18.919  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 383096   | 18.951  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 423790   | 18.975  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 351249   | 19.586  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 195330   | 19.317  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 185109   | 18.174  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 247250   | 19.269  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 68260    | 20.223  | ug/l   | 82       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 190979   | 18.978  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 23960    | 17.763  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 49395    | 15.380  | ug/l   | 92       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 35374    | 18.700  | ug/l   | 95       |
| 95) Naphthalene               | 15.647 | 128  | 142117   | 12.944  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 59060    | 15.993  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071923\  
Data File : VN078575.D  
Acq On : 19 Jul 2023 13:00  
Operator : JC\MD  
Sample : VN0719WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

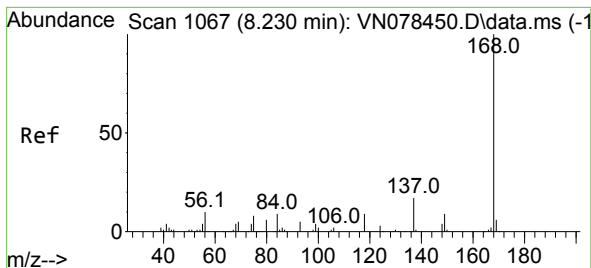
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

Quant Time: Jul 20 01:31:21 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071023W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 10 16:13:53 2023  
Response via : Initial Calibration

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

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. 0.005 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA\_N

ClientSampleId :

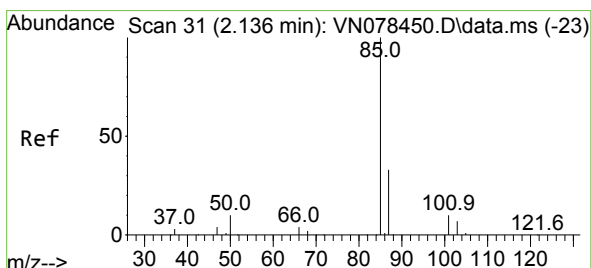
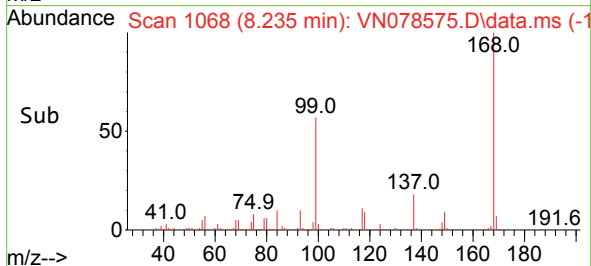
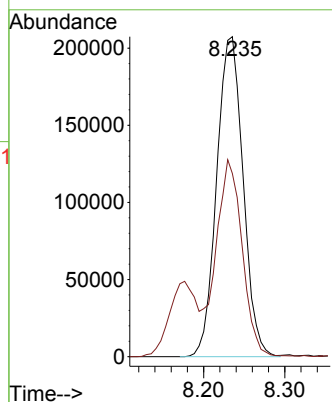
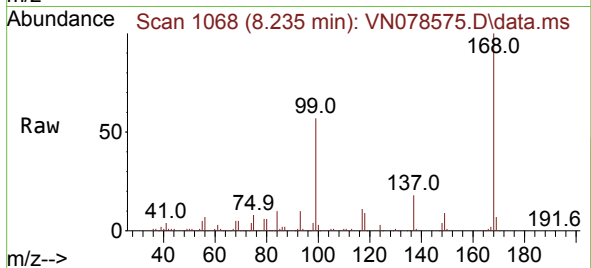
VN0719WBSD01

Tgt Ion:168 Resp: 468667

Ion Ratio Lower Upper

168 100

99 57.0 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 16.650 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078575.D

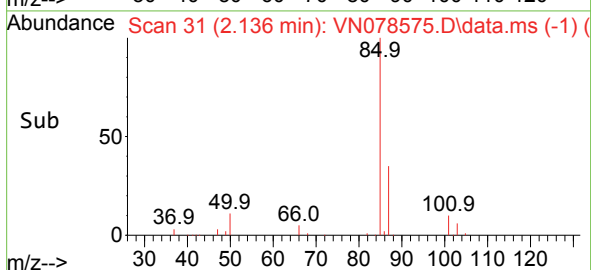
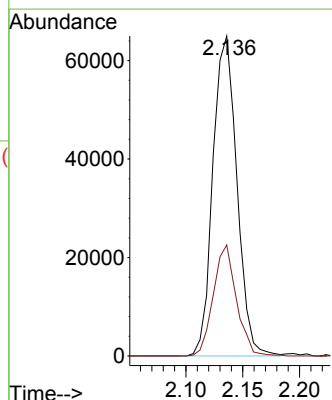
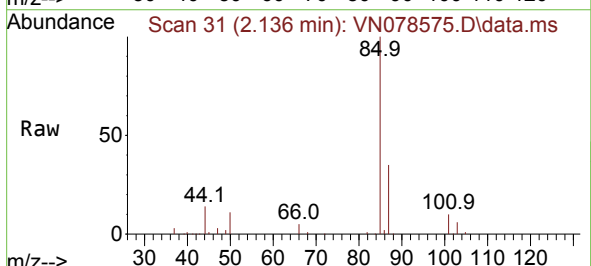
Acq: 19 Jul 2023 13:00

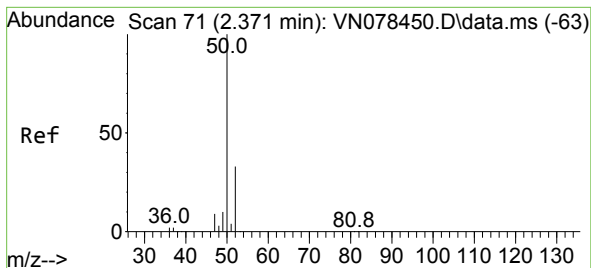
Tgt Ion: 85 Resp: 95675

Ion Ratio Lower Upper

85 100

87 34.7 15.8 47.4





#3

Chloromethane

Concen: 19.351 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA\_N

ClientSampleId :

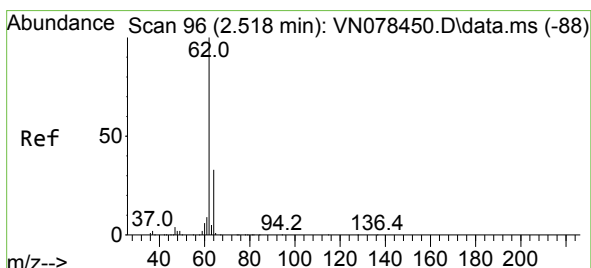
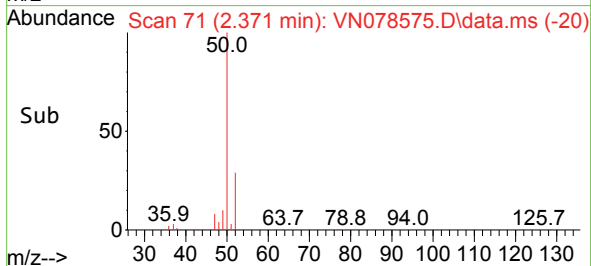
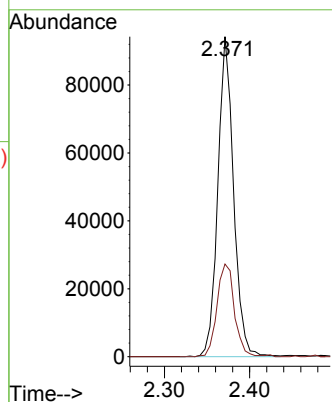
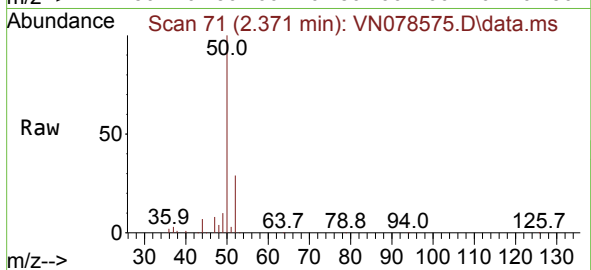
VN0719WBSD01

Tgt Ion: 50 Resp: 120857

Ion Ratio Lower Upper

50 100

52 28.9 26.5 39.7



#4

Vinyl Chloride

Concen: 17.749 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078575.D

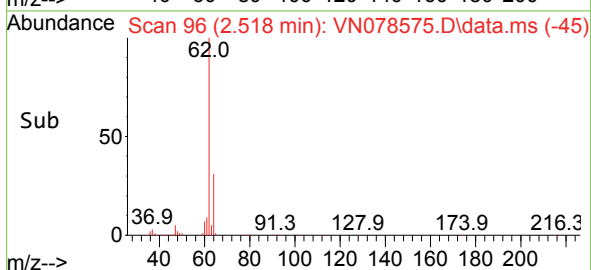
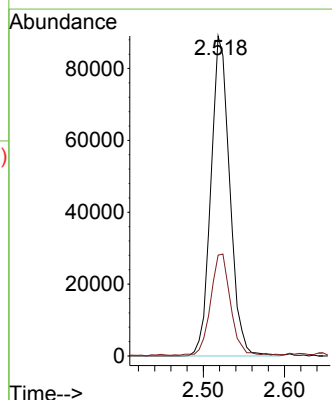
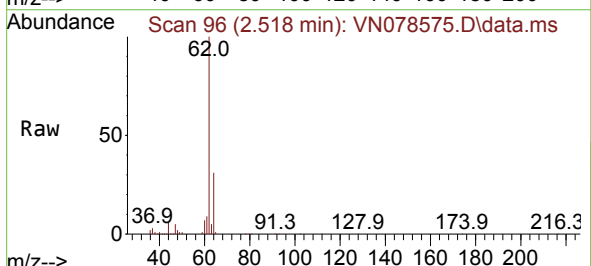
Acq: 19 Jul 2023 13:00

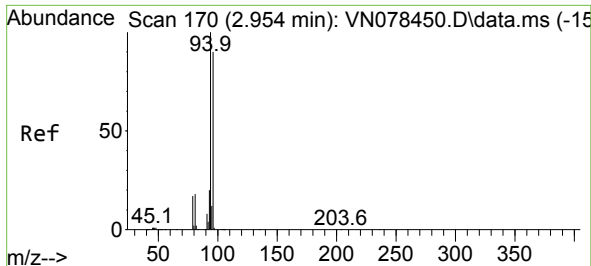
Tgt Ion: 62 Resp: 143395

Ion Ratio Lower Upper

62 100

64 31.2 26.2 39.2

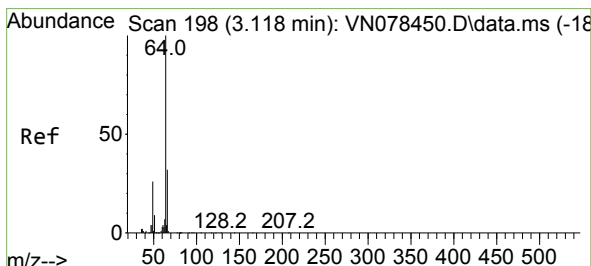
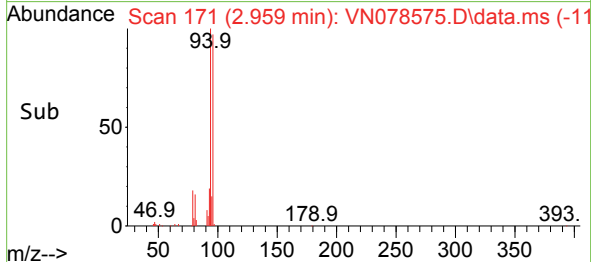
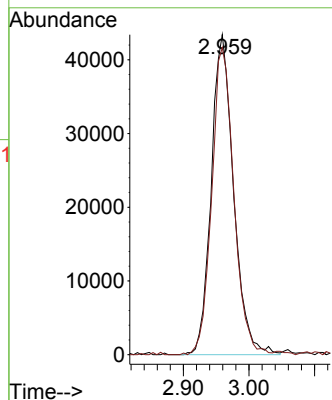
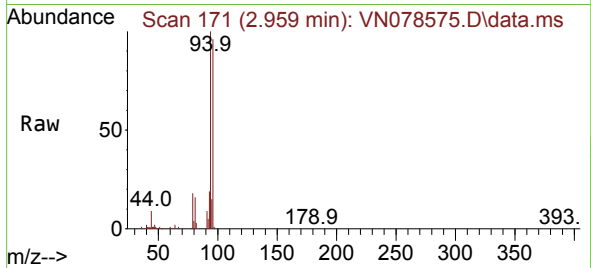




#5  
Bromomethane  
Concen: 16.739 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

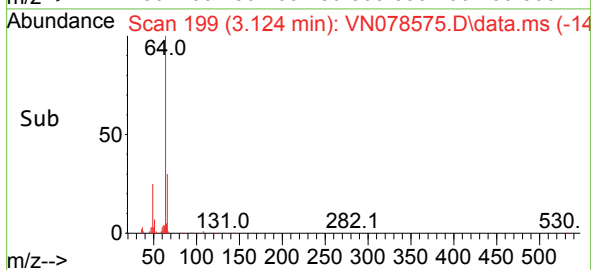
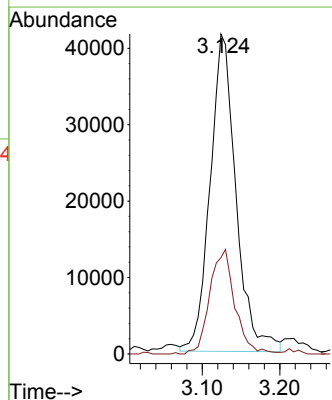
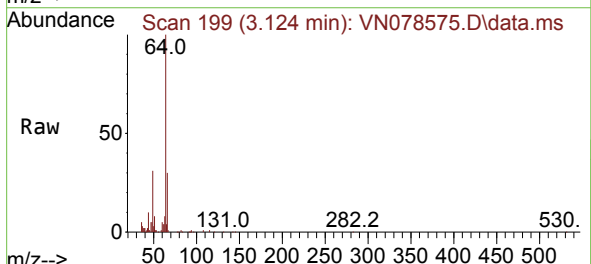
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

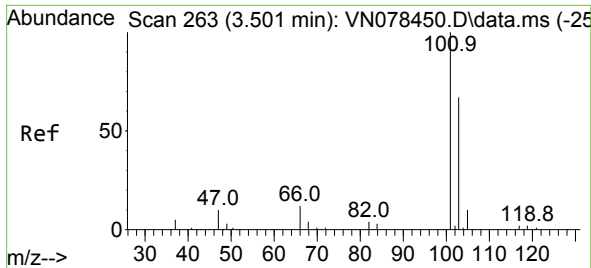
Tgt Ion: 94 Resp: 102440  
Ion Ratio Lower Upper  
94 100  
96 96.0 73.1 109.7



#6  
Chloroethane  
Concen: 18.552 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 64 Resp: 96574  
Ion Ratio Lower Upper  
64 100  
66 30.8 25.4 38.2

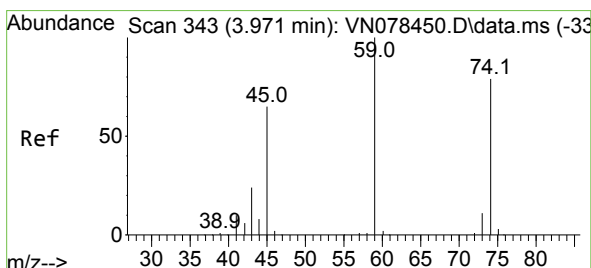
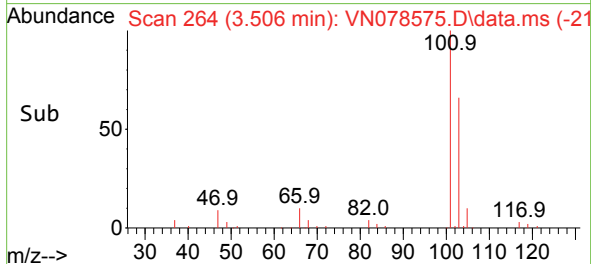
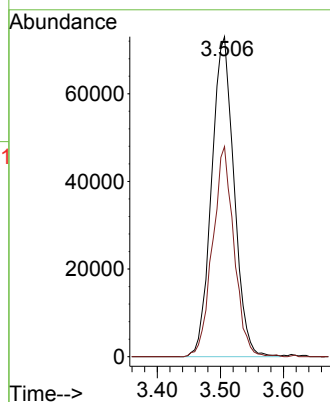
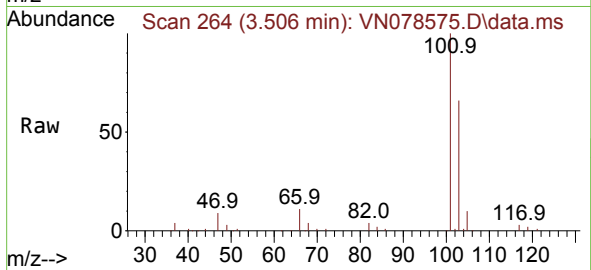




#7  
 Trichlorofluoromethane  
 Concen: 18.622 ug/l  
 RT: 3.506 min Scan# 264  
 Delta R.T. 0.005 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

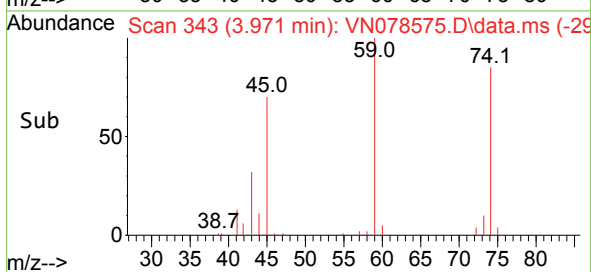
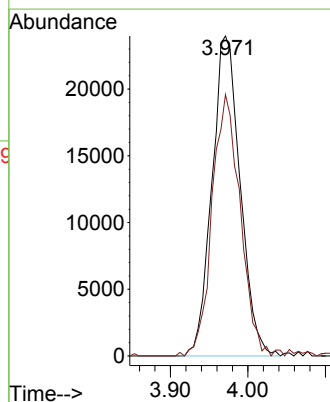
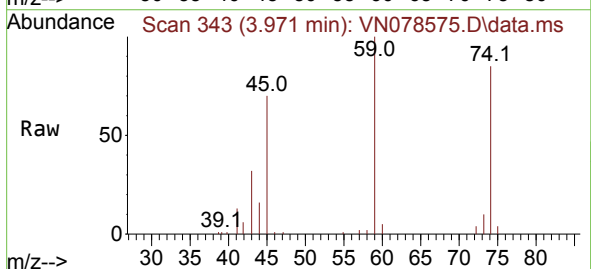
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0719WBSD01

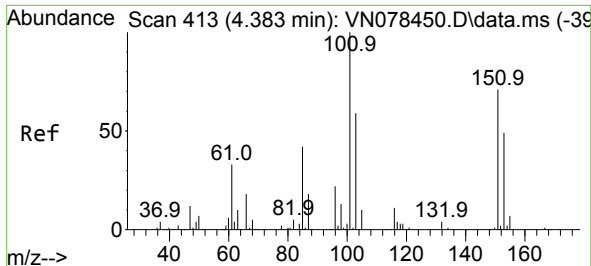
Tgt Ion:101 Resp: 179844  
 Ion Ratio Lower Upper  
 101 100  
 103 65.7 50.7 76.1



#8  
 Diethyl Ether  
 Concen: 18.851 ug/l  
 RT: 3.971 min Scan# 343  
 Delta R.T. 0.000 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

Tgt Ion: 74 Resp: 60658  
 Ion Ratio Lower Upper  
 74 100  
 45 81.1 34.4 103.3

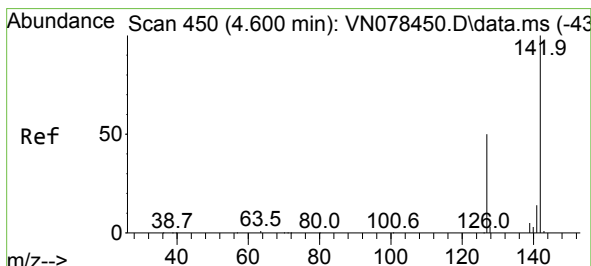
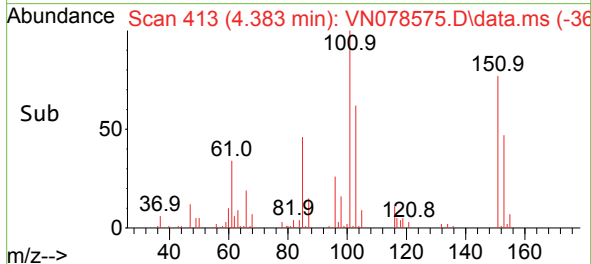
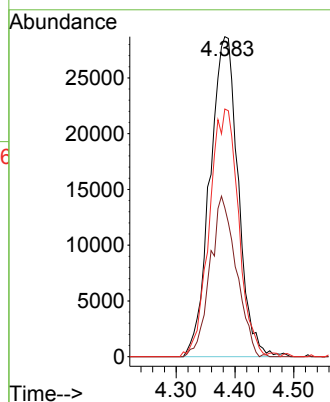
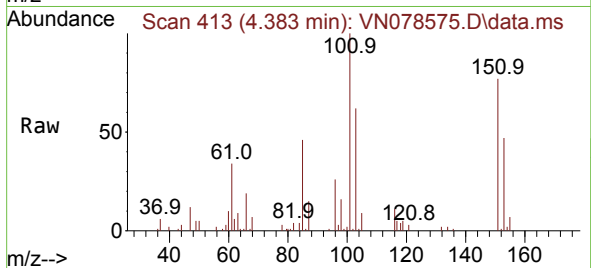




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.666 ug/l  
RT: 4.383 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

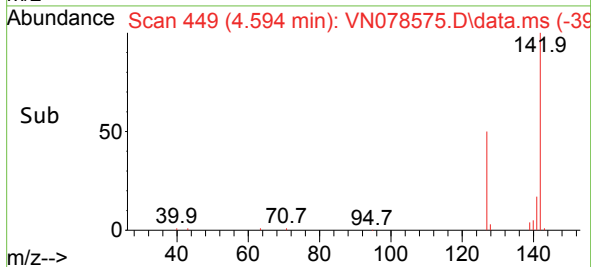
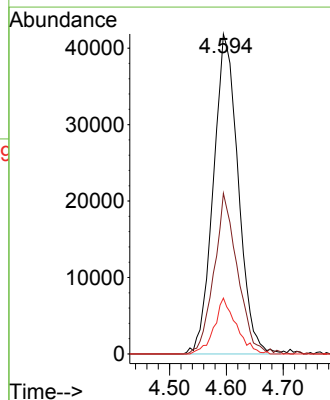
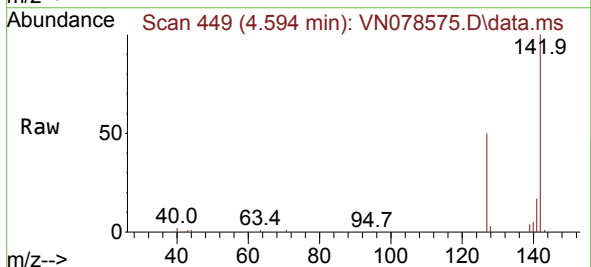
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

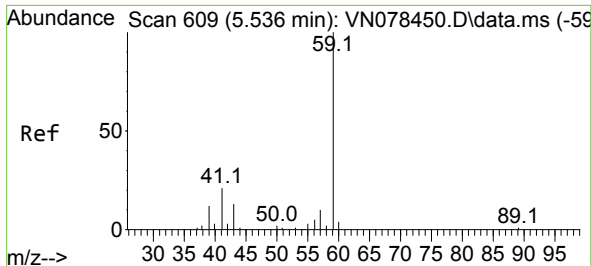
Tgt Ion:101 Resp: 95427  
Ion Ratio Lower Upper  
101 100  
85 46.7 36.6 55.0  
151 79.8 57.6 86.4



#10  
Methyl Iodide  
Concen: 18.123 ug/l  
RT: 4.594 min Scan# 449  
Delta R.T. -0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion:142 Resp: 127322  
Ion Ratio Lower Upper  
142 100  
127 50.2 37.6 56.4  
141 17.5 11.4 17.0#

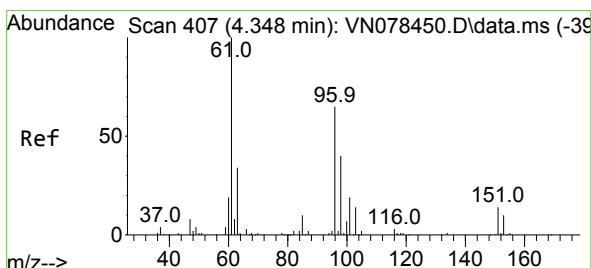
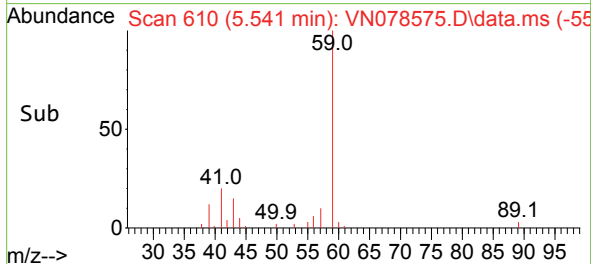
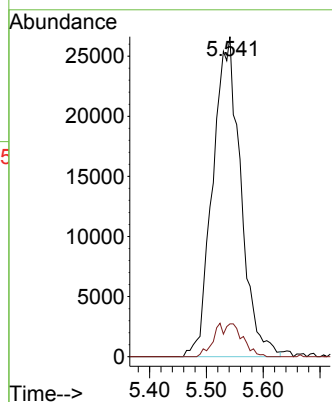
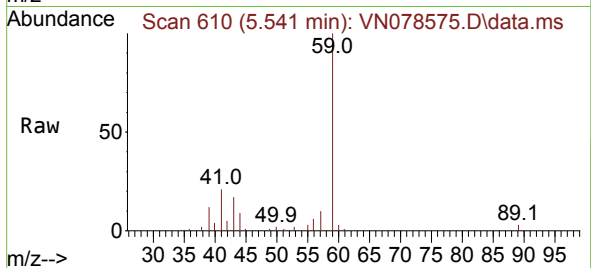




#11  
Tert butyl alcohol  
Concen: 93.975 ug/l  
RT: 5.541 min Scan# 610  
Delta R.T. 0.005 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

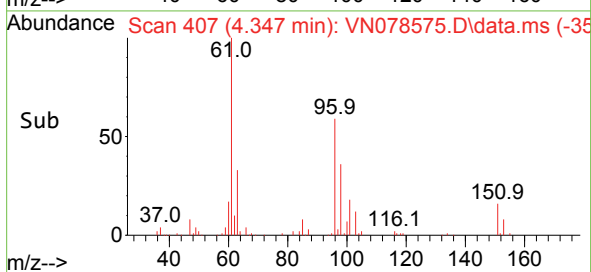
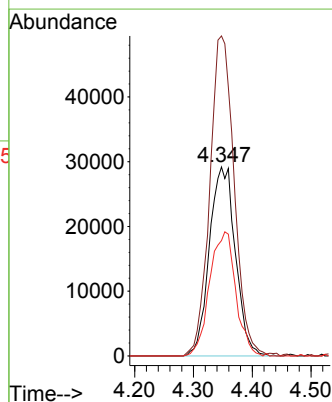
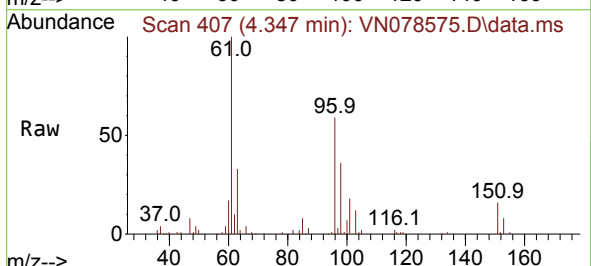
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

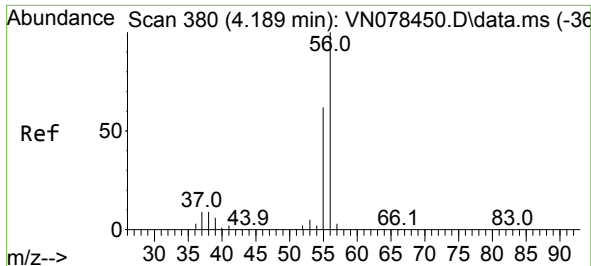
Tgt Ion: 59 Resp: 91048  
Ion Ratio Lower Upper  
59 100  
57 4.1 8.2 12.4#



#12  
1,1-Dichloroethene  
Concen: 18.160 ug/l  
RT: 4.347 min Scan# 407  
Delta R.T. -0.001 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 96 Resp: 89807  
Ion Ratio Lower Upper  
96 100  
61 169.4 112.7 169.1#  
98 61.0 51.2 76.8

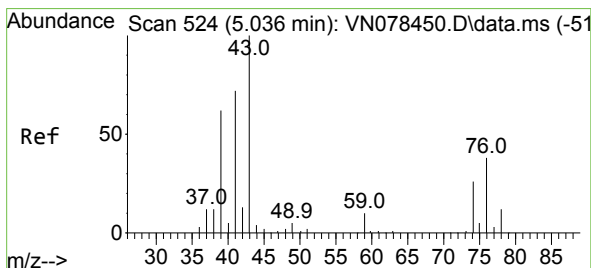
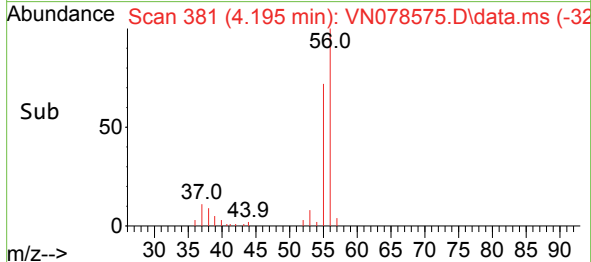
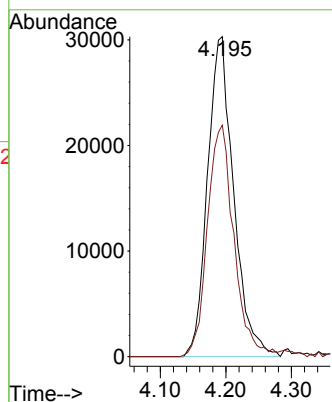
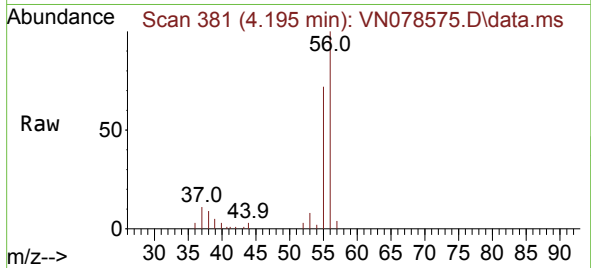




#13  
Acrolein  
Concen: 87.899 ug/l  
RT: 4.195 min Scan# 381  
Delta R.T. 0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

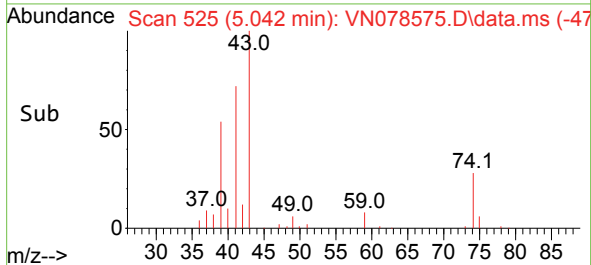
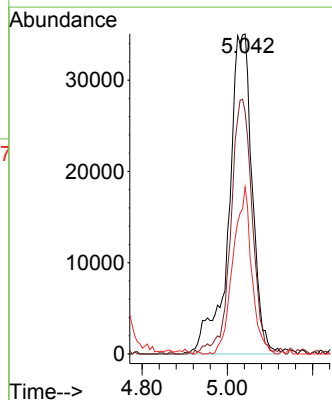
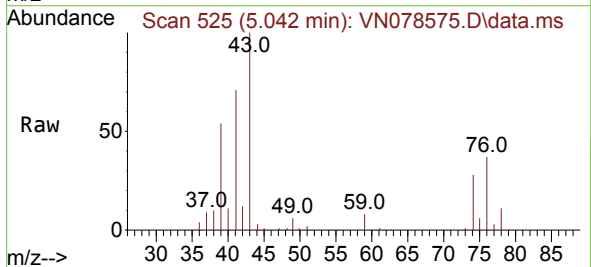
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

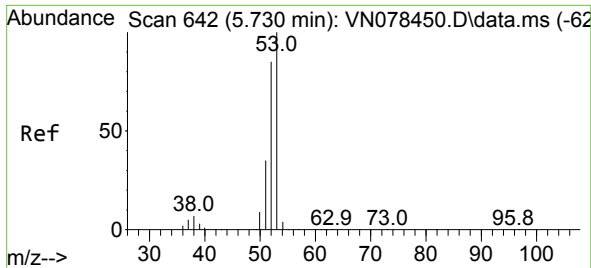
Tgt Ion: 56 Resp: 83787  
Ion Ratio Lower Upper  
56 100  
55 73.3 54.5 81.7



#14  
Allyl chloride  
Concen: 19.875 ug/l  
RT: 5.042 min Scan# 525  
Delta R.T. 0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 41 Resp: 134306  
Ion Ratio Lower Upper  
41 100  
39 72.2 58.8 88.2  
76 41.1 39.1 58.7

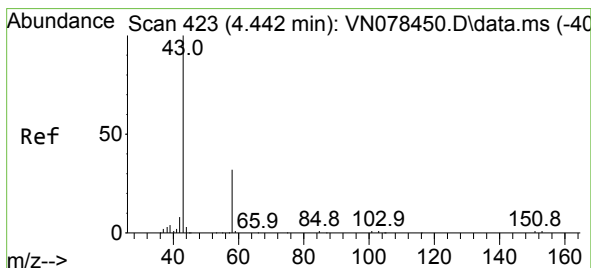
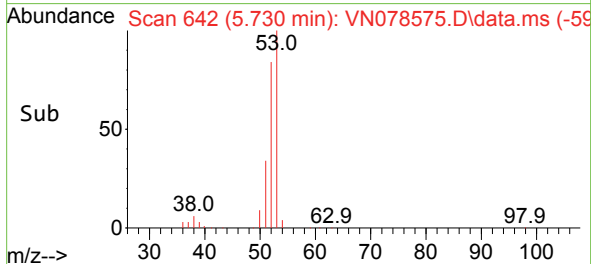
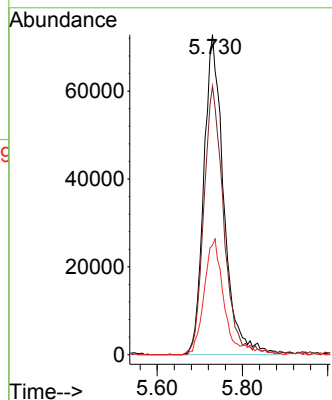
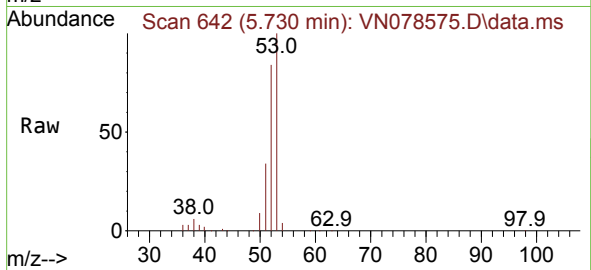




#15  
Acrylonitrile  
Concen: 96.332 ug/l  
RT: 5.730 min Scan# 642  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

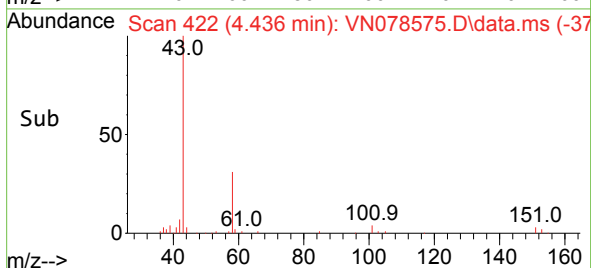
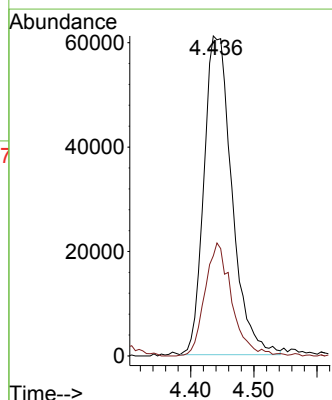
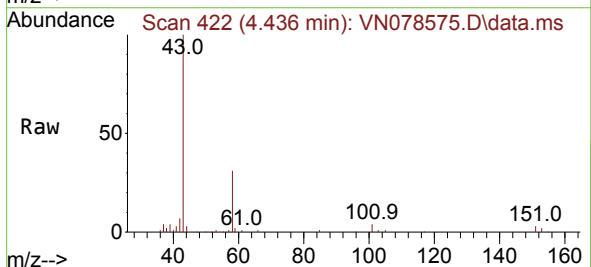
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

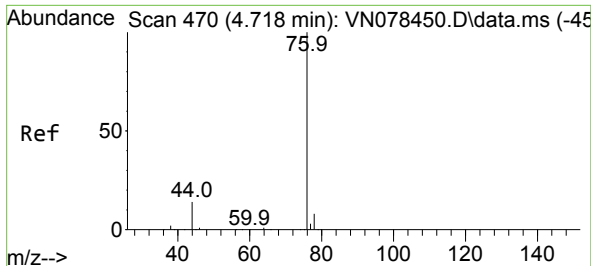
Tgt Ion: 53 Resp: 235814  
Ion Ratio Lower Upper  
53 100  
52 82.4 65.3 97.9  
51 36.7 28.9 43.3



#16  
Acetone  
Concen: 95.978 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. -0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 43 Resp: 187843  
Ion Ratio Lower Upper  
43 100  
58 31.2 28.0 42.0

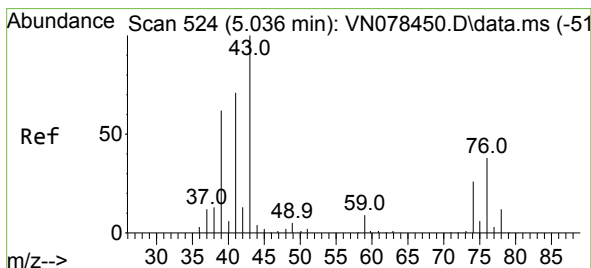
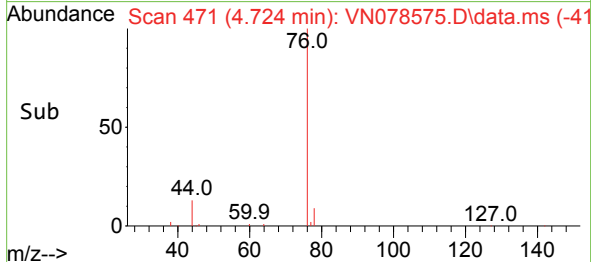
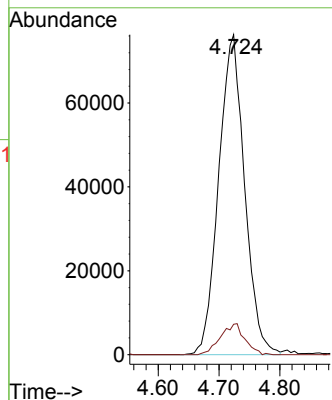
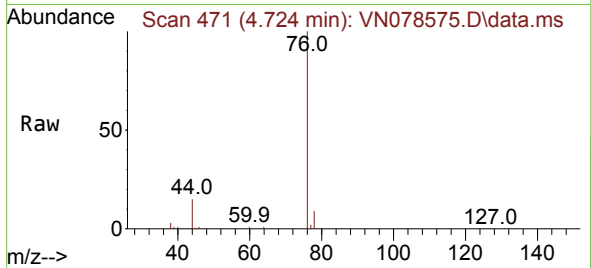




#17  
Carbon Disulfide  
Concen: 15.755 ug/l  
RT: 4.724 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

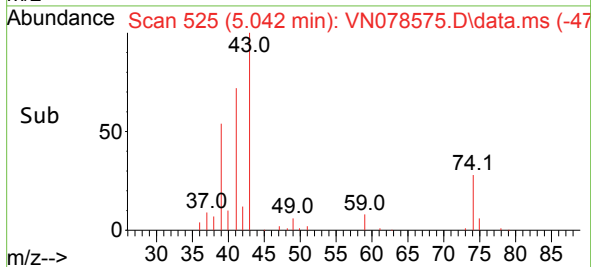
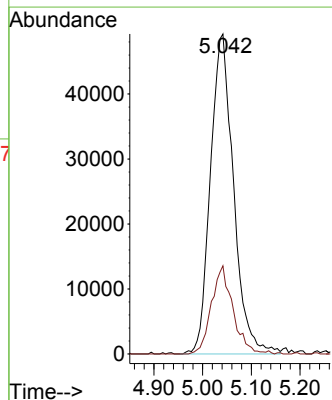
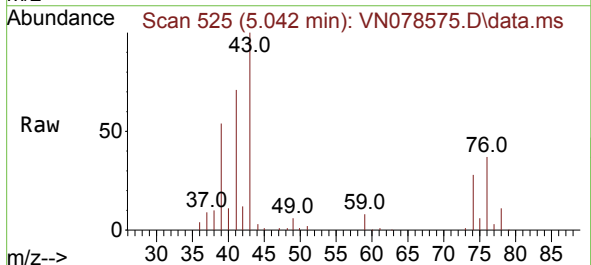
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

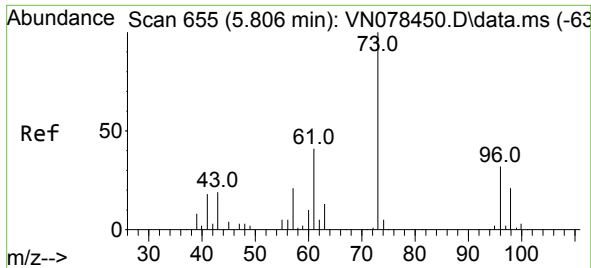
Tgt Ion: 76 Resp: 225300  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 19.598 ug/l  
RT: 5.042 min Scan# 525  
Delta R.T. 0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 43 Resp: 162373  
Ion Ratio Lower Upper  
43 100  
74 25.5 26.2 39.4#

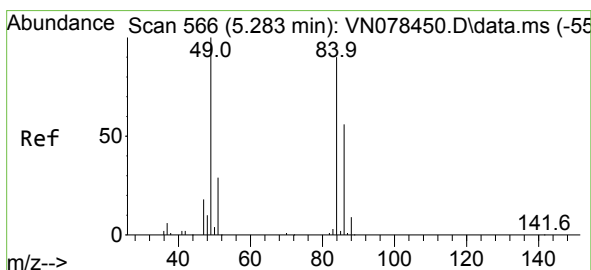
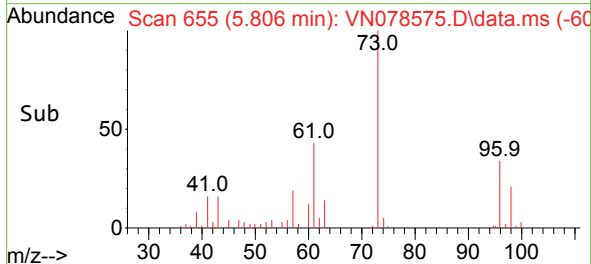
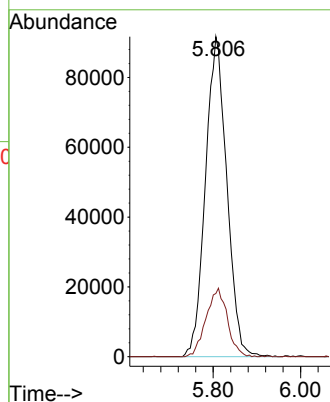
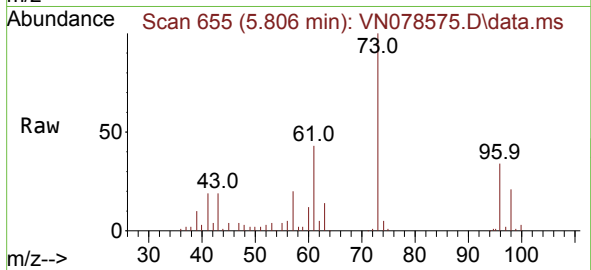




#19  
Methyl tert-butyl Ether  
Concen: 19.117 ug/l  
RT: 5.806 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

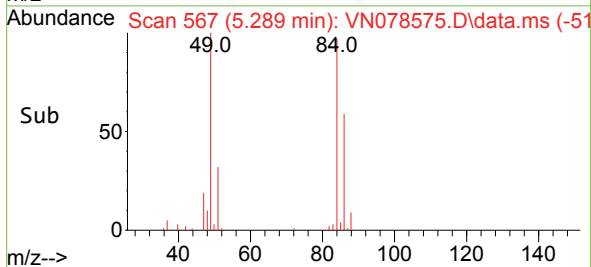
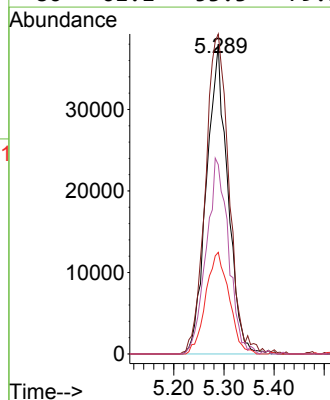
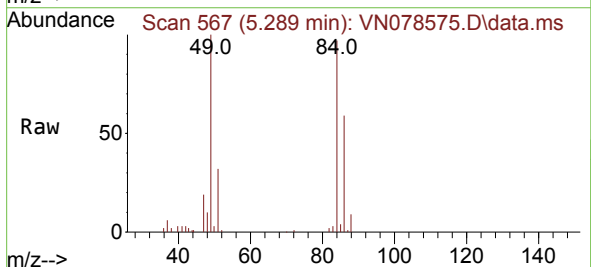
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

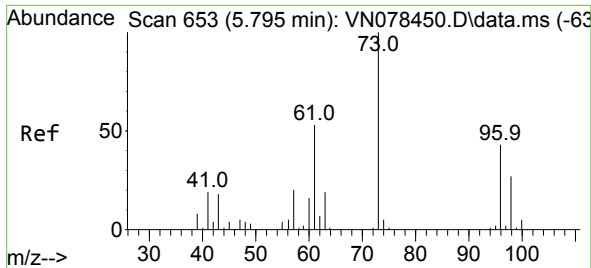
Tgt Ion: 73 Resp: 311494  
Ion Ratio Lower Upper  
73 100  
57 19.8 15.6 23.4



#20  
Methylene Chloride  
Concen: 19.216 ug/l  
RT: 5.289 min Scan# 567  
Delta R.T. 0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 84 Resp: 112100  
Ion Ratio Lower Upper  
84 100  
49 103.3 79.7 119.5  
51 32.8 25.2 37.8  
86 61.1 53.3 79.9

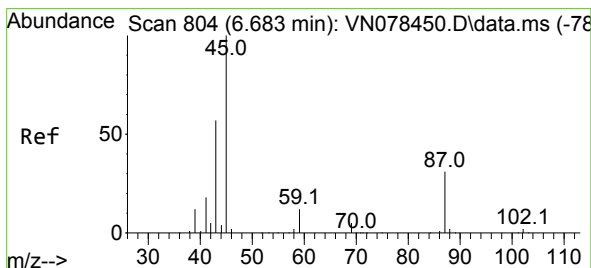
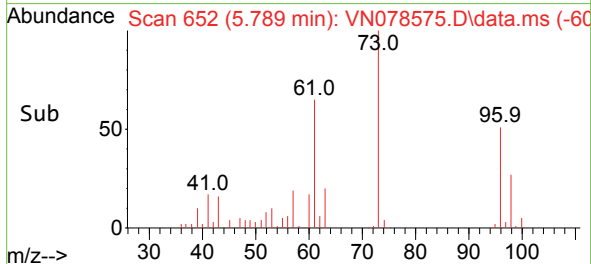
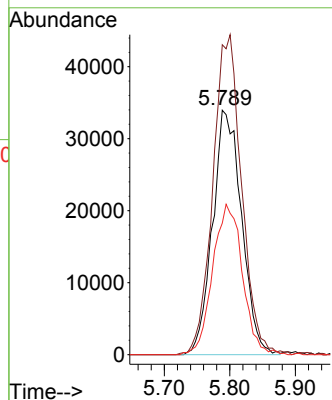
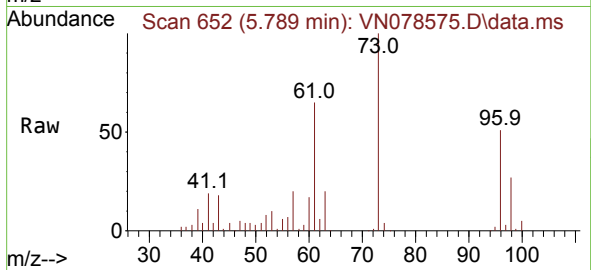




#21  
trans-1,2-Dichloroethene  
Concen: 18.727 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

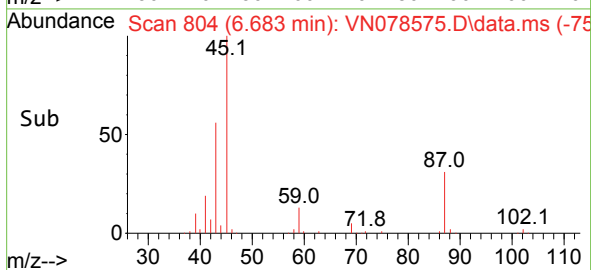
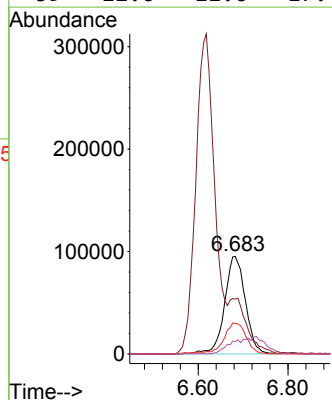
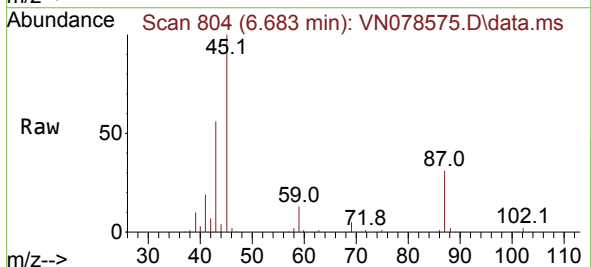
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

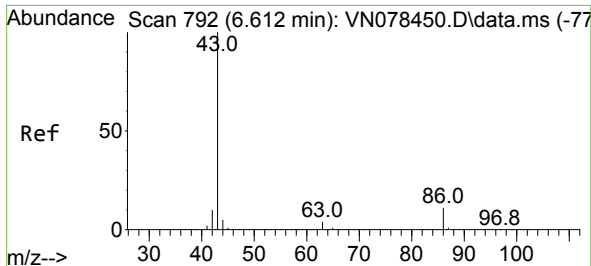
Tgt Ion: 96 Resp: 104361  
Ion Ratio Lower Upper  
96 100  
61 126.2 90.1 135.1  
98 53.8 46.4 69.6



#22  
Diisopropyl ether  
Concen: 20.295 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 45 Resp: 307086  
Ion Ratio Lower Upper  
45 100  
43 55.0 45.5 68.3  
87 31.3 31.8 47.8#  
59 12.6 11.6 17.4

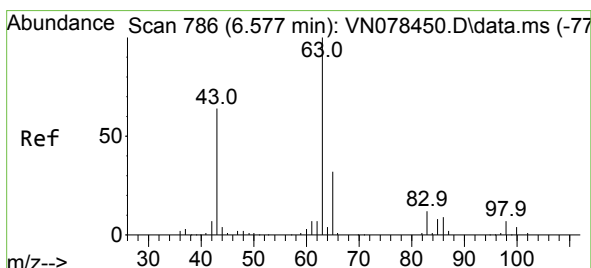
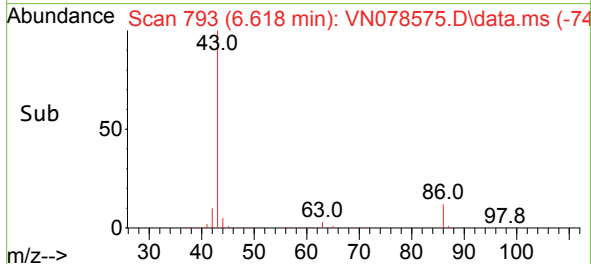
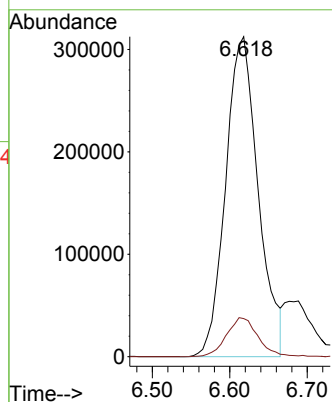
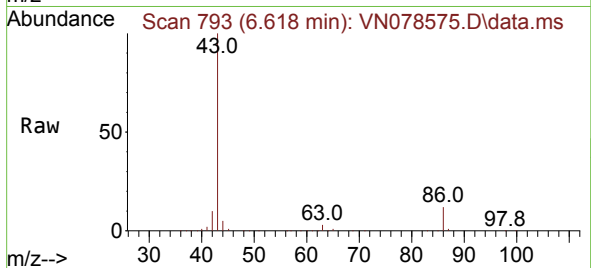




#23  
 Vinyl Acetate  
 Concen: 95.233 ug/l  
 RT: 6.618 min Scan# 792  
 Delta R.T. 0.006 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

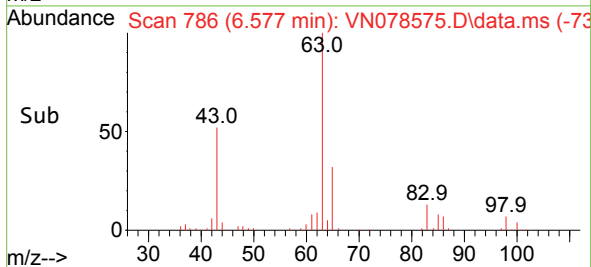
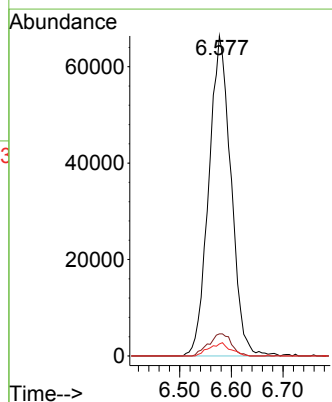
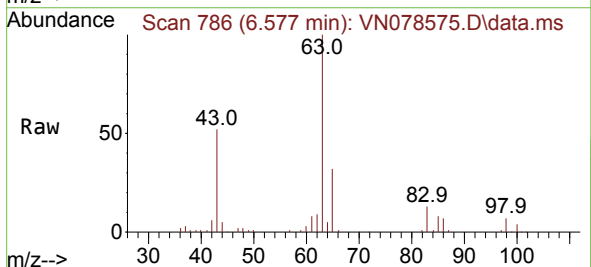
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0719WBSD01

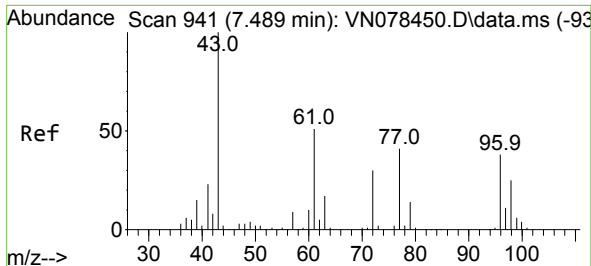
Tgt Ion: 43 Resp: 916073  
 Ion Ratio Lower Upper  
 43 100  
 86 11.9 13.0 19.6#



#24  
 1,1-Dichloroethane  
 Concen: 19.441 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. -0.000 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

Tgt Ion: 63 Resp: 198215  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.9 11.7  
 100 3.8 2.5 7.4

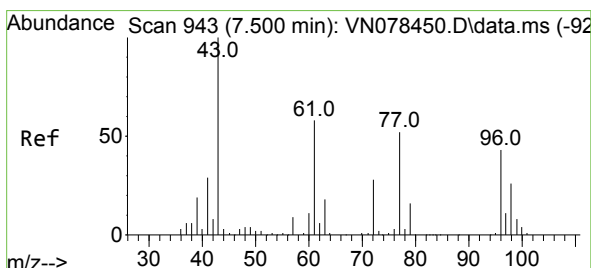
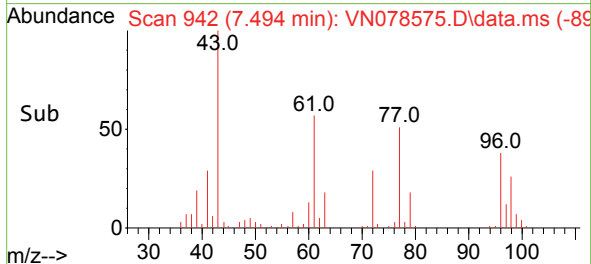
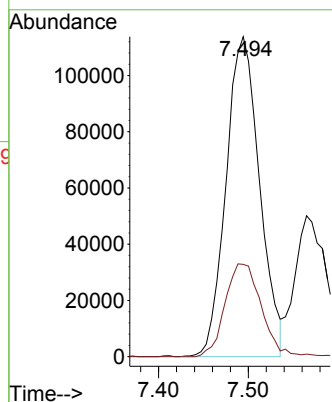
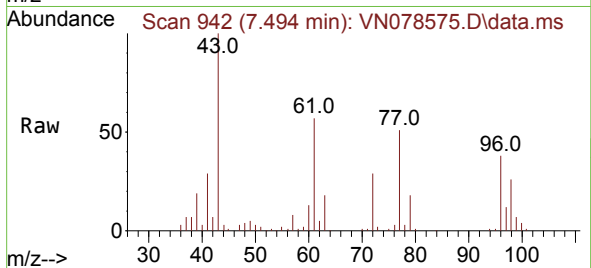




#25  
2-Butanone  
Concen: 95.976 ug/l  
RT: 7.494 min Scan# 941  
Delta R.T. 0.005 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

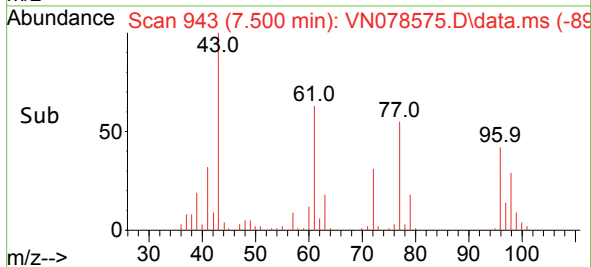
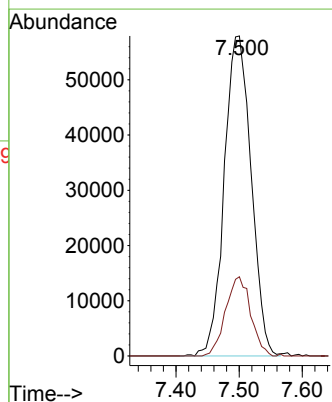
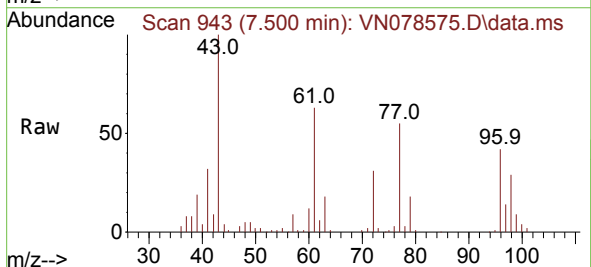
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

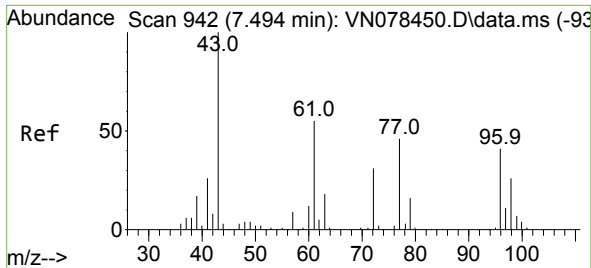
Tgt Ion: 43 Resp: 295686  
Ion Ratio Lower Upper  
43 100  
72 28.9 30.2 45.2#



#26  
2,2-Dichloropropane  
Concen: 20.558 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 77 Resp: 171435  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.2 33.6

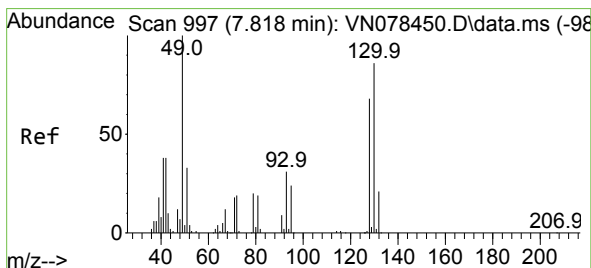
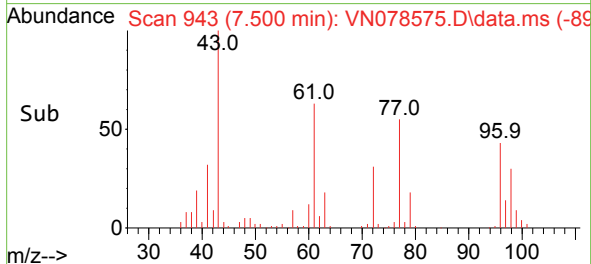
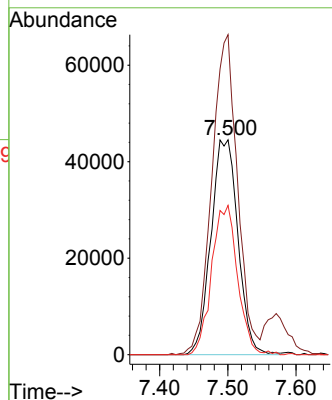
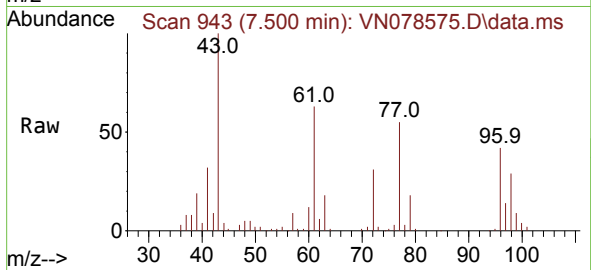




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.047 ug/l  
 RT: 7.500 min Scan# 942  
 Delta R.T. 0.006 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

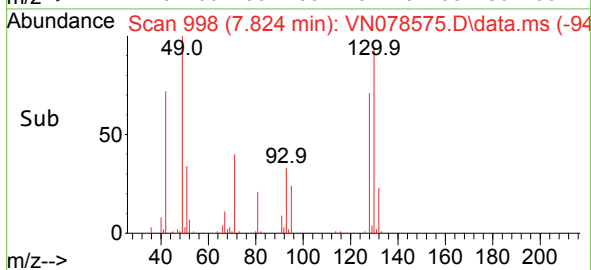
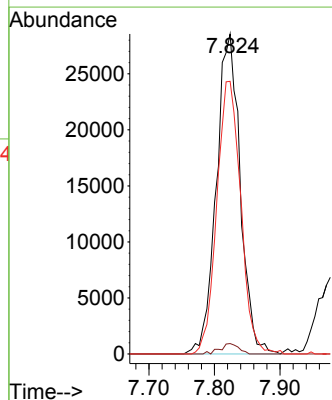
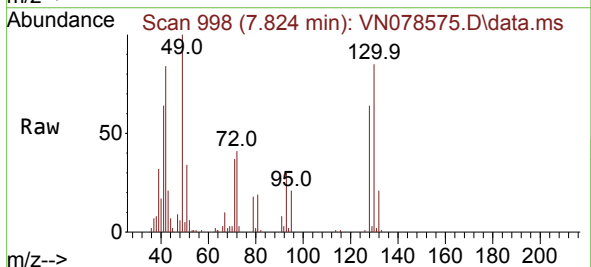
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0719WBSD01

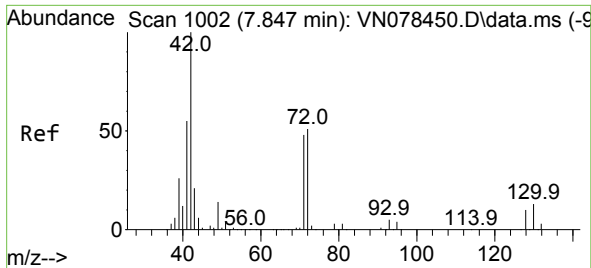
Tgt Ion: 96 Resp: 122789  
 Ion Ratio Lower Upper  
 96 100  
 61 142.0 0.0 255.2  
 98 66.3 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 15.003 ug/l  
 RT: 7.824 min Scan# 998  
 Delta R.T. 0.006 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

Tgt Ion: 49 Resp: 72047  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 4.8  
 130 85.7 75.3 112.9

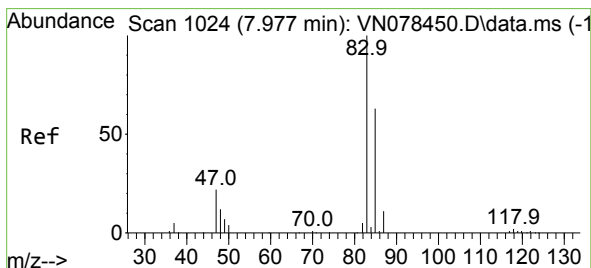
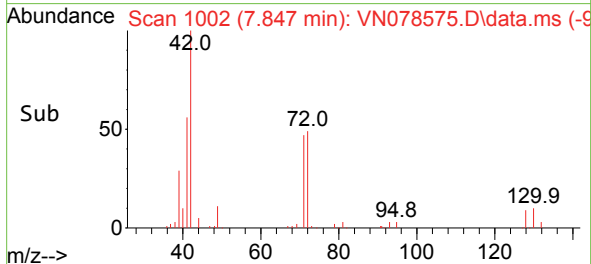
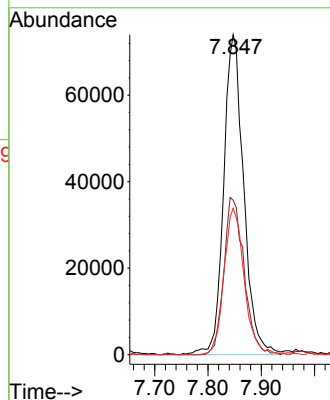
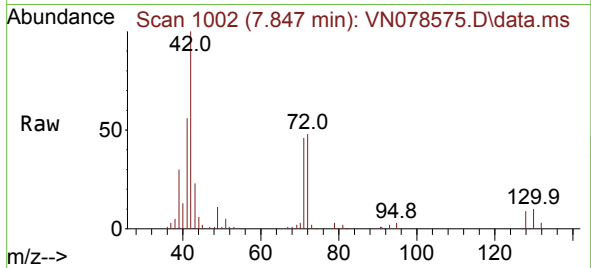




#29  
Tetrahydrofuran  
Concen: 95.675 ug/l  
RT: 7.847 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

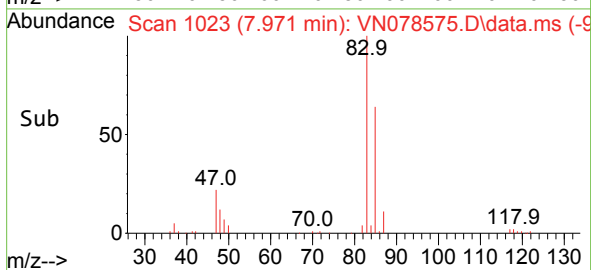
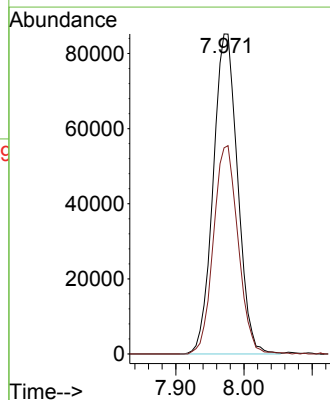
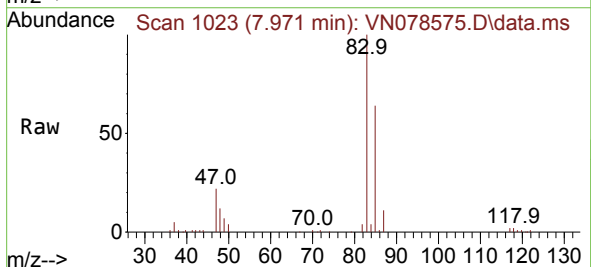
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

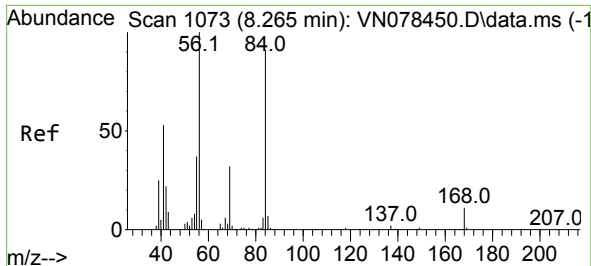
Tgt Ion: 42 Resp: 193411  
Ion Ratio Lower Upper  
42 100  
72 49.4 49.8 74.6#  
71 46.2 47.4 71.2#



#30  
Chloroform  
Concen: 20.040 ug/l  
RT: 7.971 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 83 Resp: 212718  
Ion Ratio Lower Upper  
83 100  
85 64.4 55.4 83.0

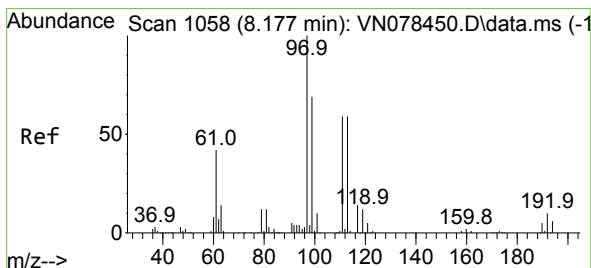
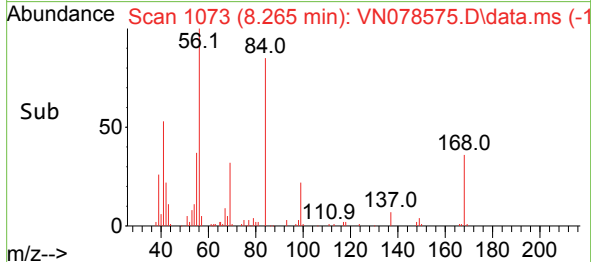
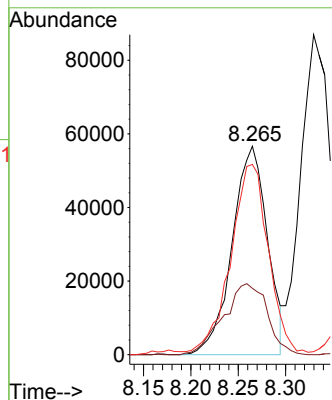
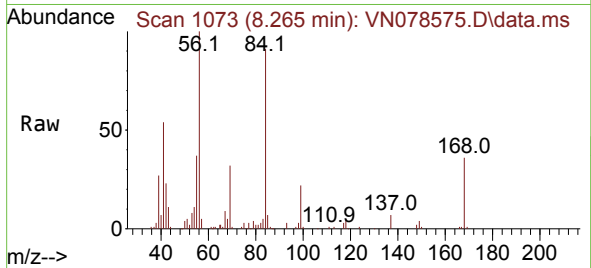




#31  
Cyclohexane  
Concen: 17.224 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

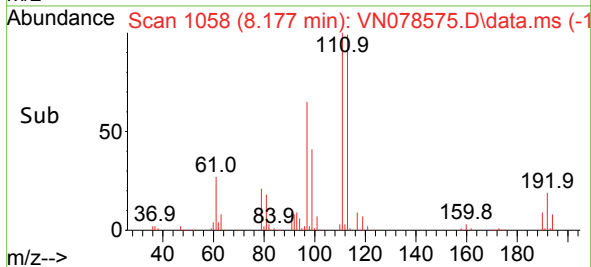
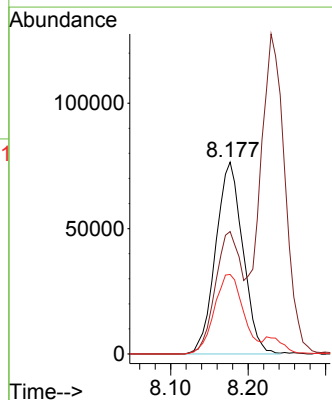
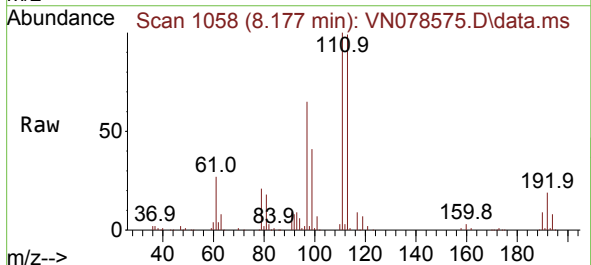
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

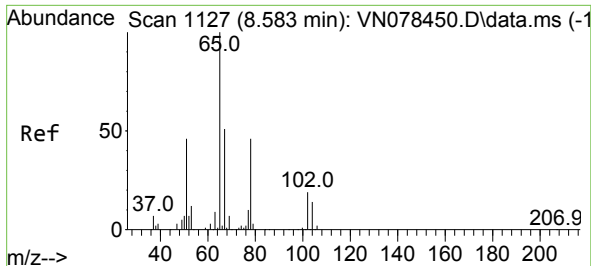
Tgt Ion: 56 Resp: 146251  
Ion Ratio Lower Upper  
56 100  
69 31.9 26.8 40.2  
84 89.8 81.8 122.6



#32  
1,1,1-Trichloroethane  
Concen: 19.635 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 97 Resp: 186859  
Ion Ratio Lower Upper  
97 100  
99 59.7 50.3 75.5  
61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.380 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA\_N

ClientSampleId :

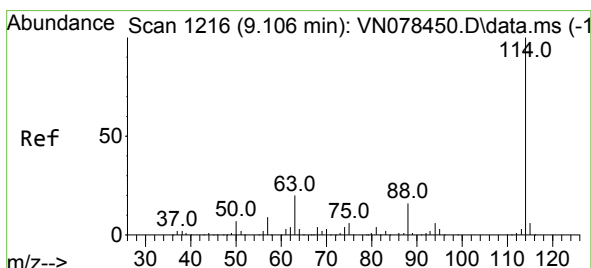
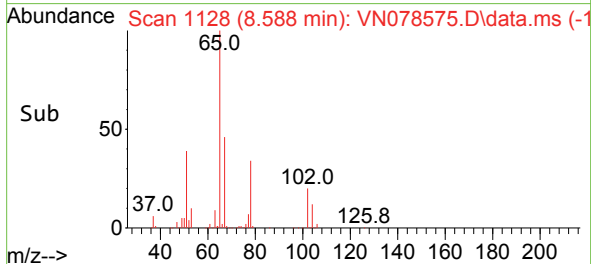
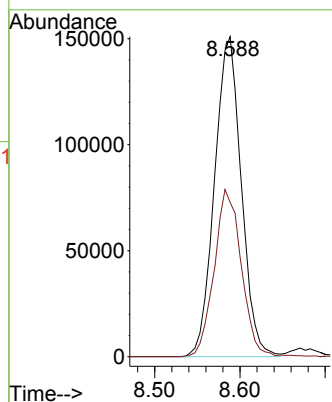
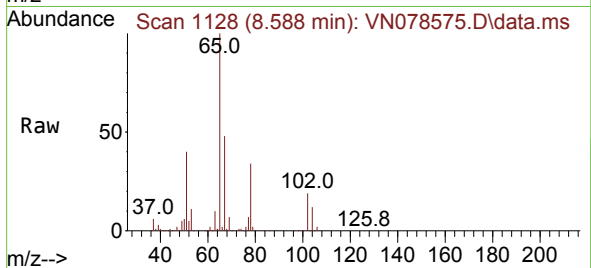
VN0719WBSD01

Tgt Ion: 65 Resp: 329105

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

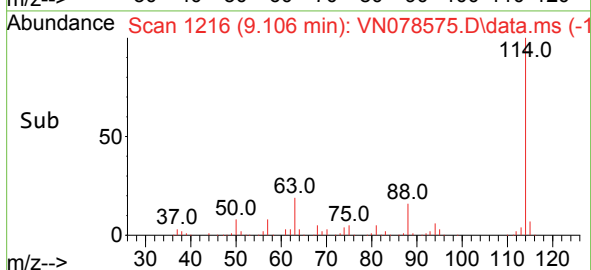
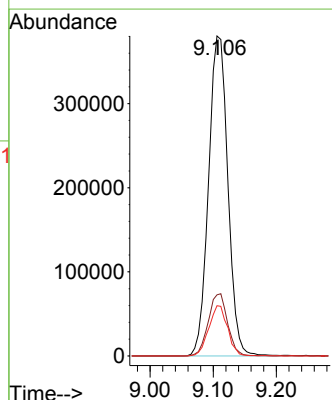
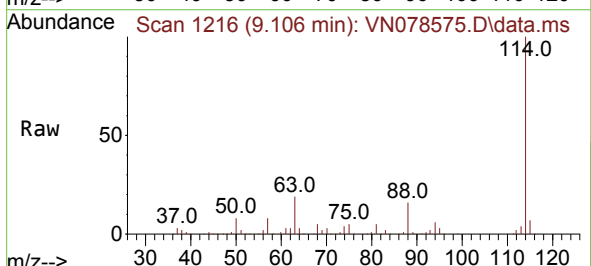
Tgt Ion: 114 Resp: 807697

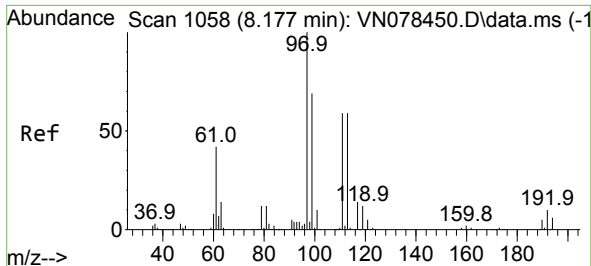
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.294 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0719WBSD01

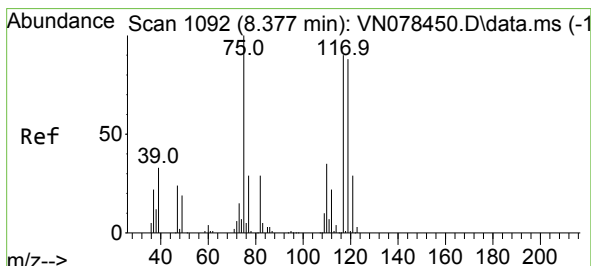
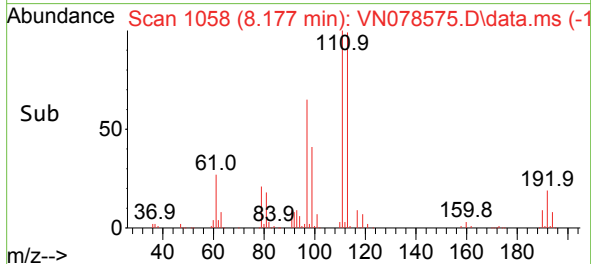
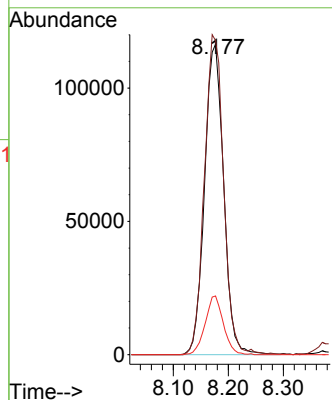
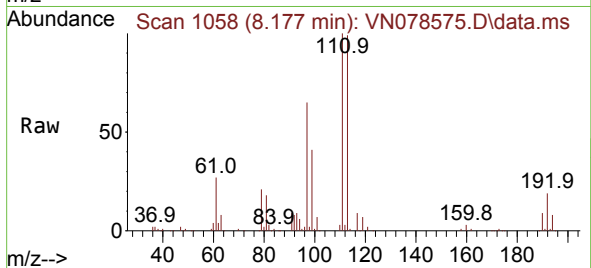
Tgt Ion:113 Resp: 281241

Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 18.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 18.603 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

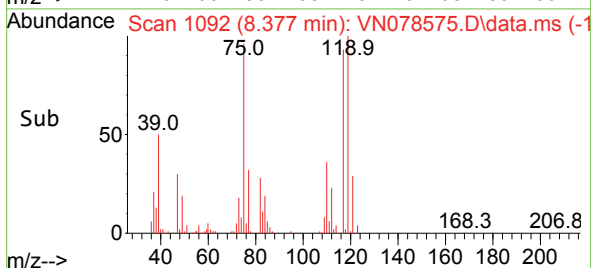
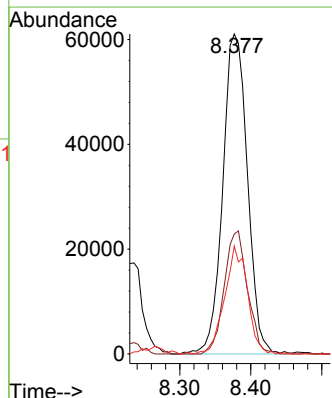
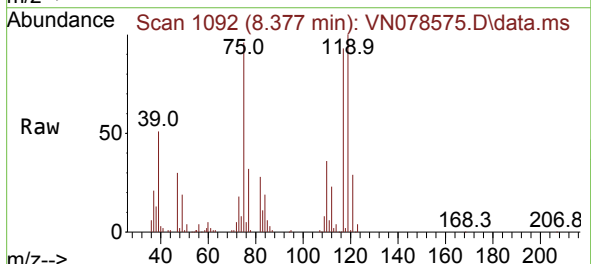
Tgt Ion: 75 Resp: 147273

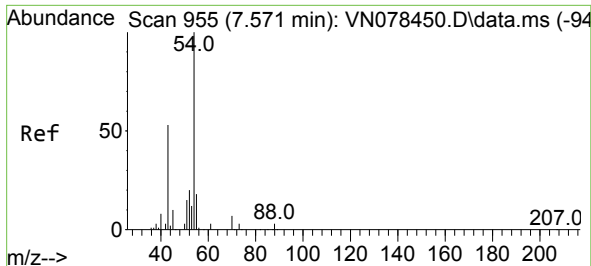
Ion Ratio Lower Upper

75 100

110 36.3 19.1 57.3

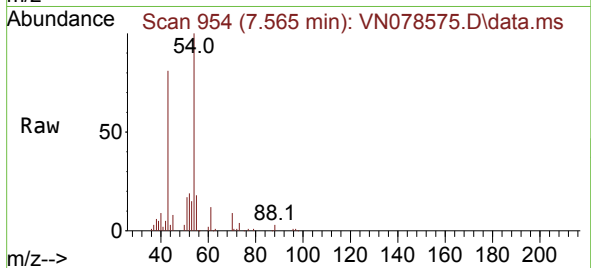
77 31.2 25.0 37.4



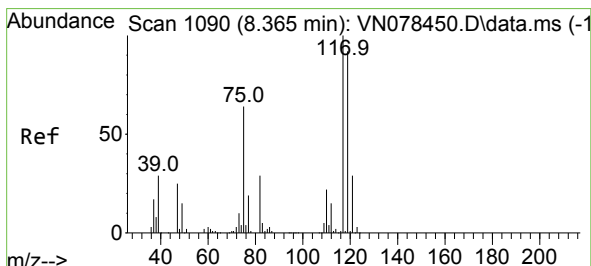
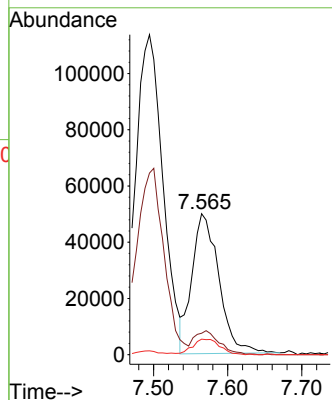
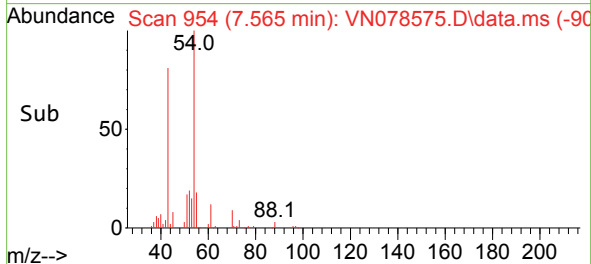


#37  
Ethyl Acetate  
Concen: 19.101 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

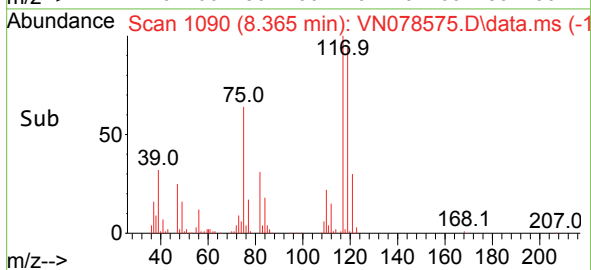
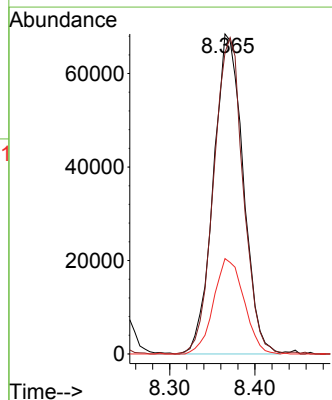
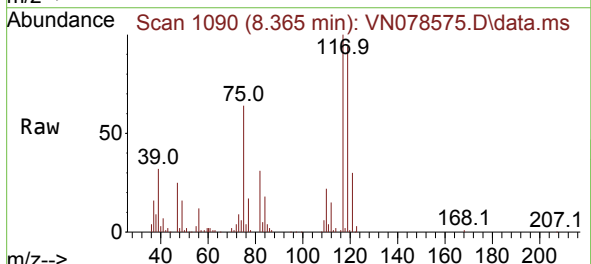


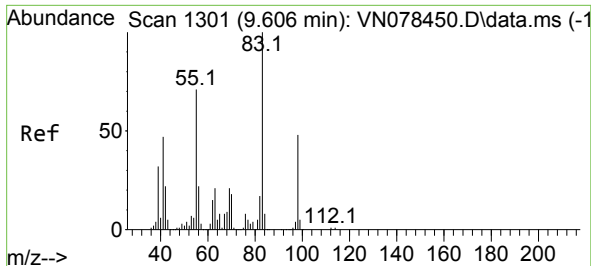
Tgt Ion: 43 Resp: 126060  
Ion Ratio Lower Upper  
43 100  
61 15.7 13.2 19.8  
70 11.2 11.3 16.9#



#38  
Carbon Tetrachloride  
Concen: 19.294 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 117 Resp: 166015  
Ion Ratio Lower Upper  
117 100  
119 93.9 77.3 115.9  
121 29.8 23.3 34.9

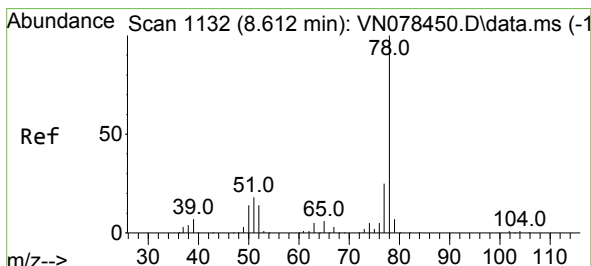
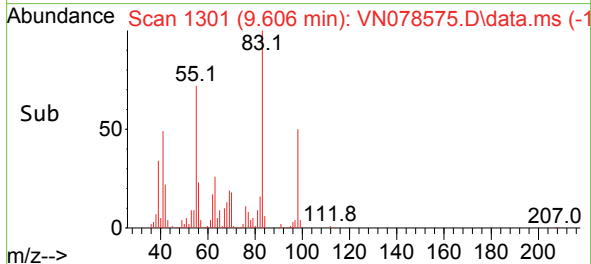
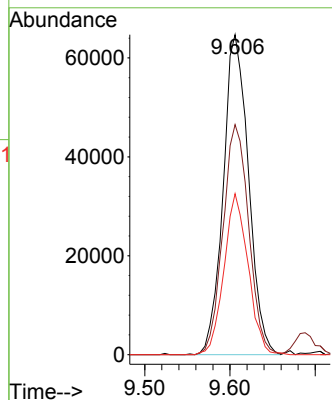
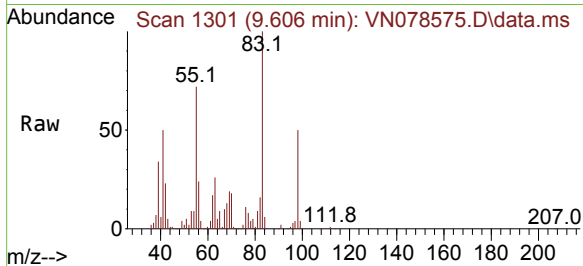




#39  
Methylcyclohexane  
Concen: 18.479 ug/l  
RT: 9.606 min Scan# 11301  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

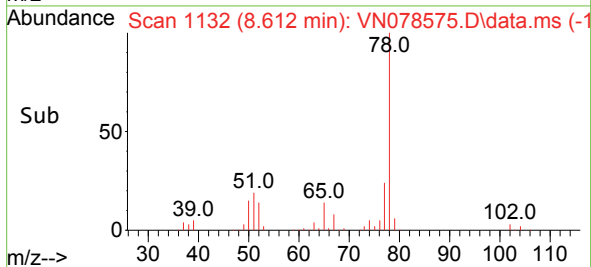
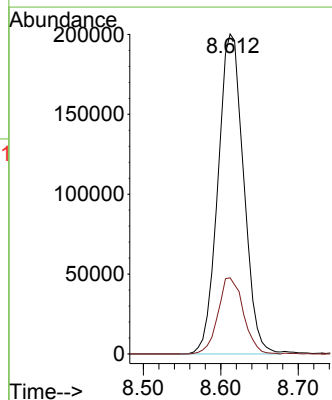
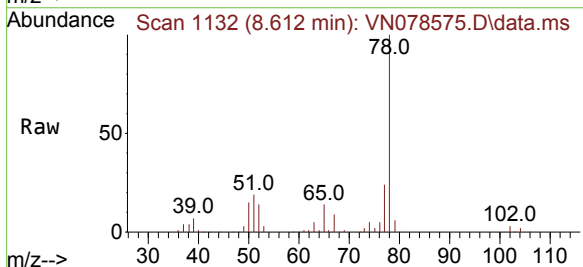
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

Tgt Ion: 83 Resp: 133534  
Ion Ratio Lower Upper  
83 100  
55 71.9 49.1 73.7  
98 50.3 40.6 61.0



#40  
Benzene  
Concen: 19.662 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 78 Resp: 461155  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.0 28.6

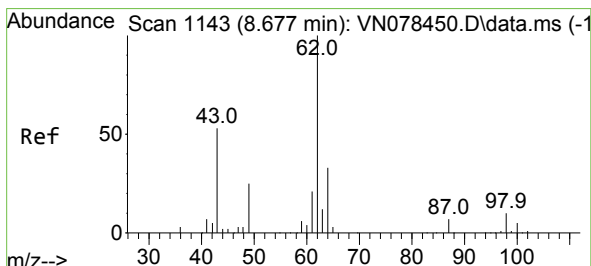
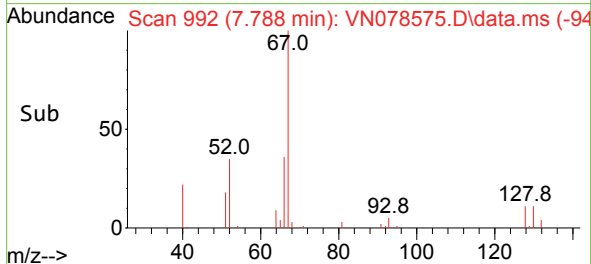
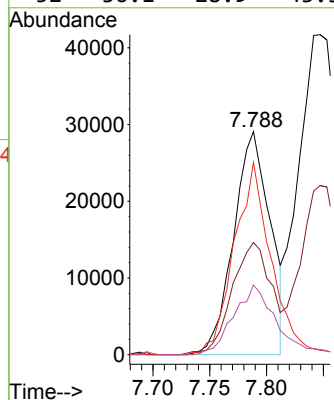
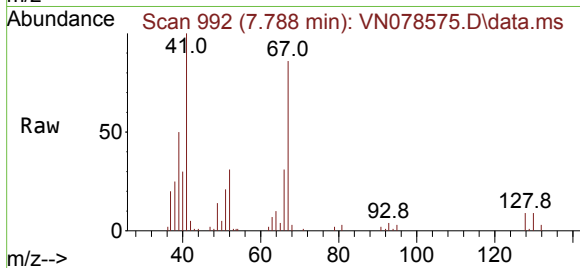




#41  
Methacrylonitrile  
Concen: 19.278 ug/l  
RT: 7.788 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

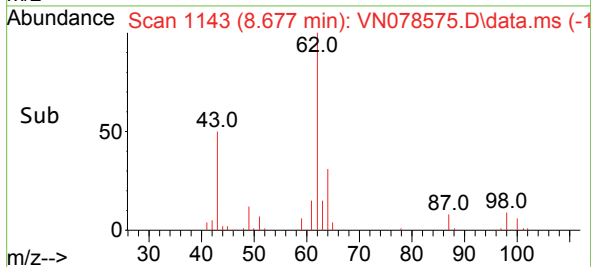
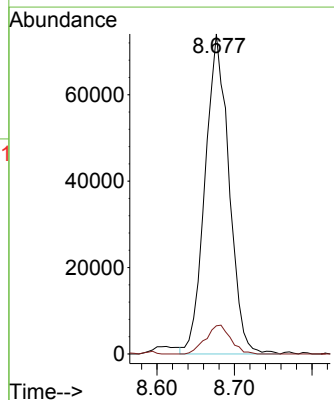
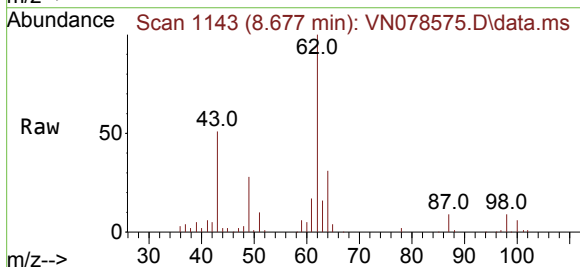
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

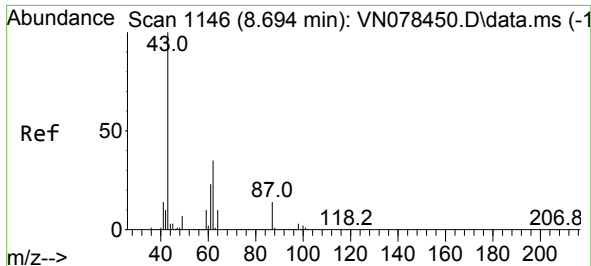
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 64858 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.8  | 42.6  | 64.0  |
| 67       | 87.6  | 77.5  | 116.3 |
| 52       | 36.1  | 28.9  | 43.3  |



#42  
1,2-Dichloroethane  
Concen: 19.953 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 159180 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.4   | 0.0   | 19.8   |

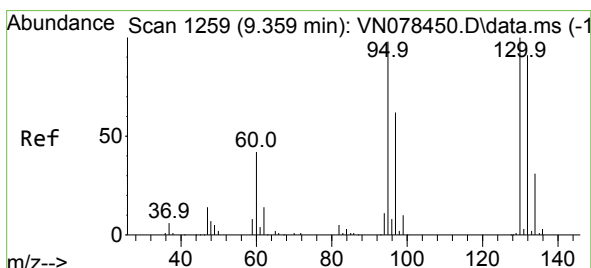
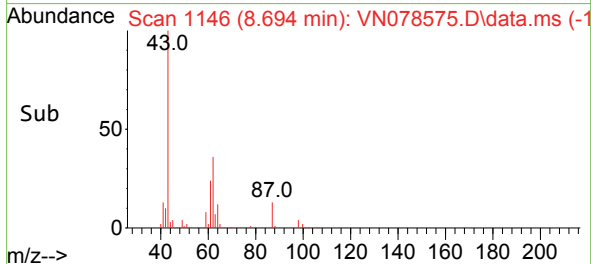
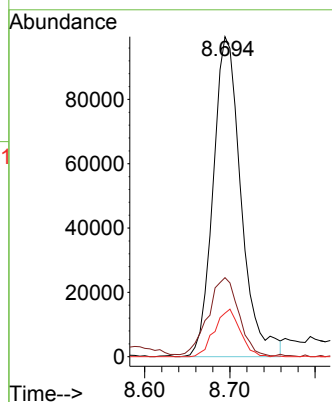
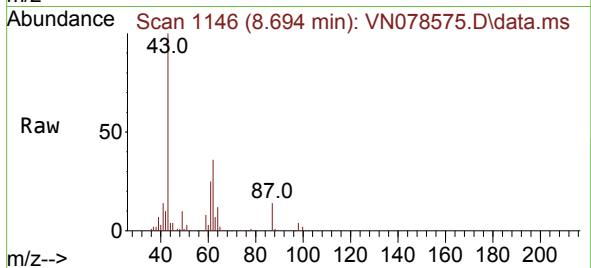




#43  
Isopropyl Acetate  
Concen: 20.874 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

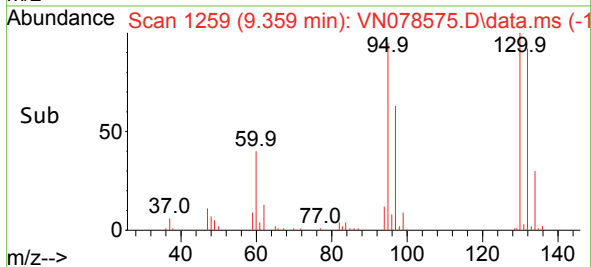
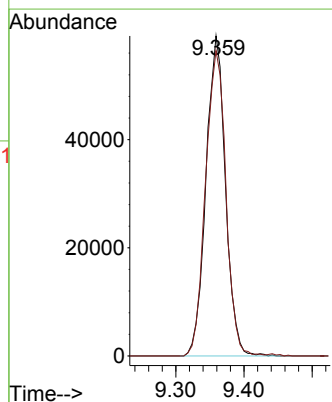
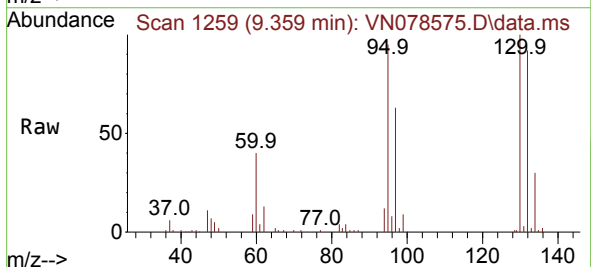
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

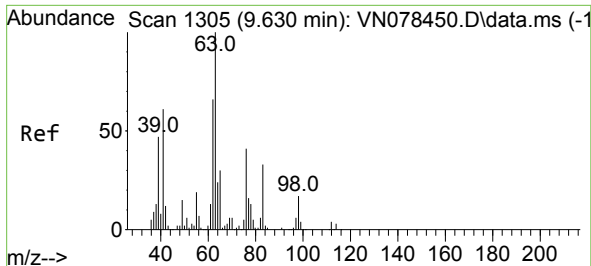
Tgt Ion: 43 Resp: 226809  
Ion Ratio Lower Upper  
43 100  
61 26.8 24.7 37.1  
87 13.7 14.6 21.8#



#44  
Trichloroethene  
Concen: 18.620 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion:130 Resp: 117706  
Ion Ratio Lower Upper  
130 100  
95 95.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.710 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA\_N

ClientSampleId :

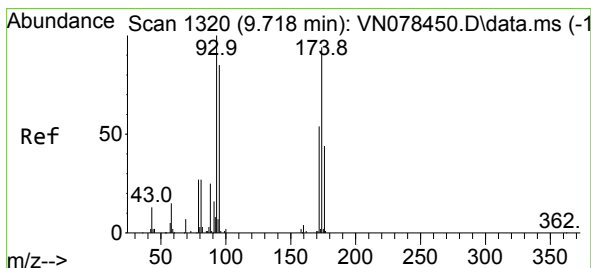
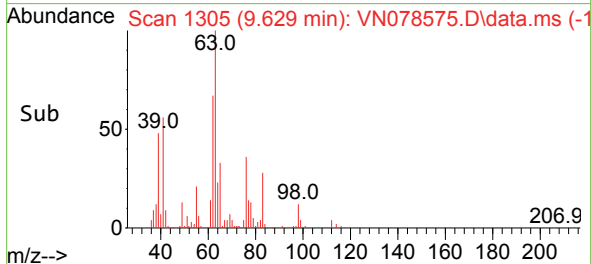
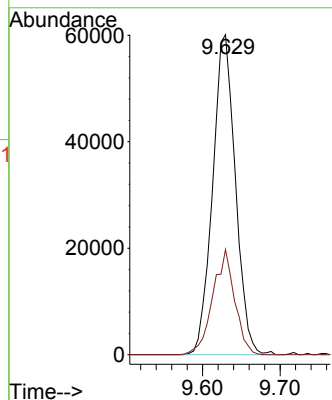
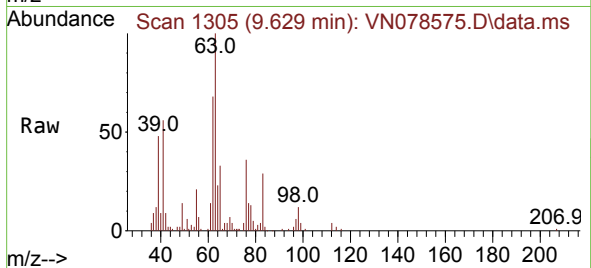
VN0719WBSD01

Tgt Ion: 63 Resp: 123021

Ion Ratio Lower Upper

63 100

65 32.9 23.9 35.9



#46

Dibromomethane

Concen: 19.838 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

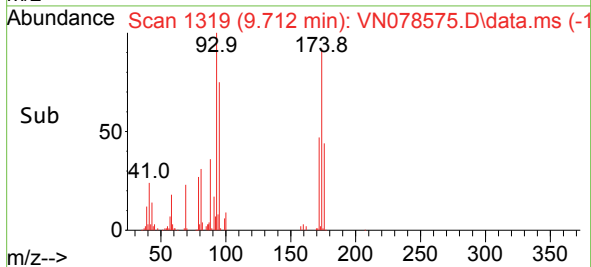
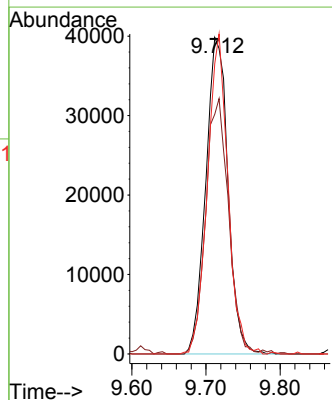
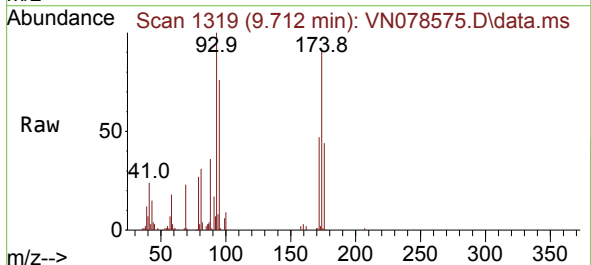
Tgt Ion: 93 Resp: 82941

Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

174 93.0 65.6 98.4

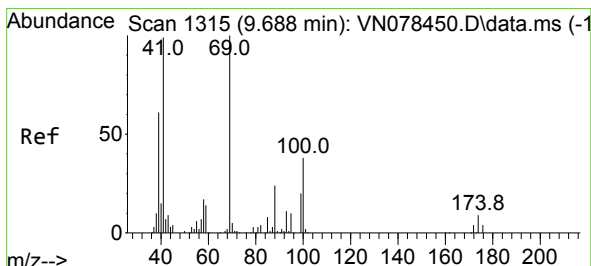
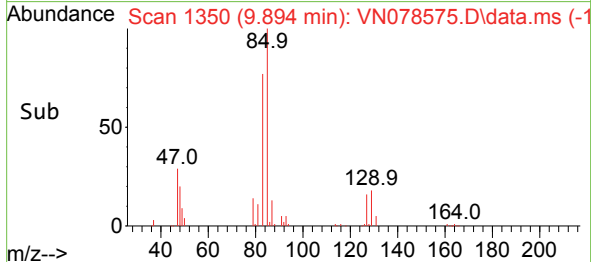
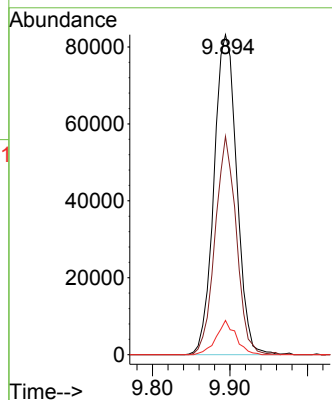
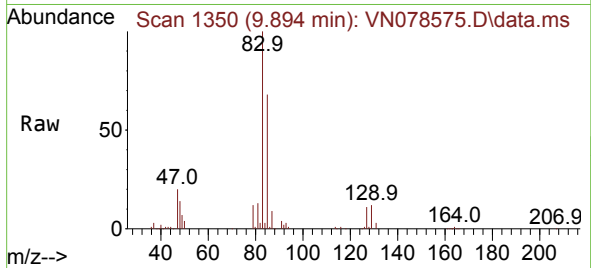




#47  
Bromodichloromethane  
Concen: 20.261 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

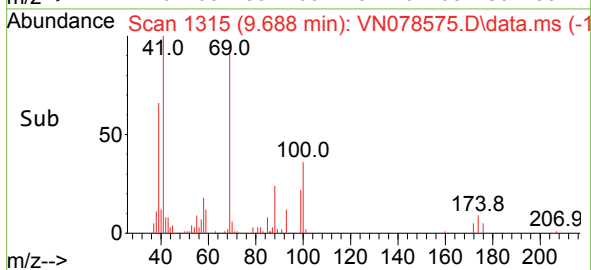
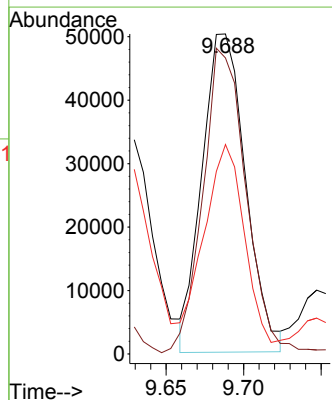
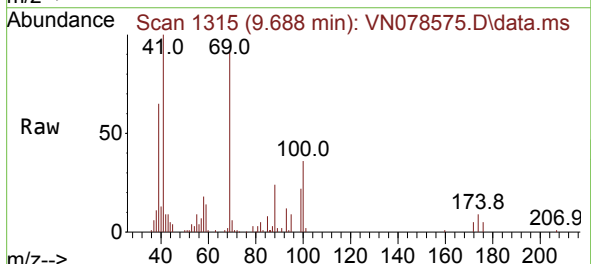
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

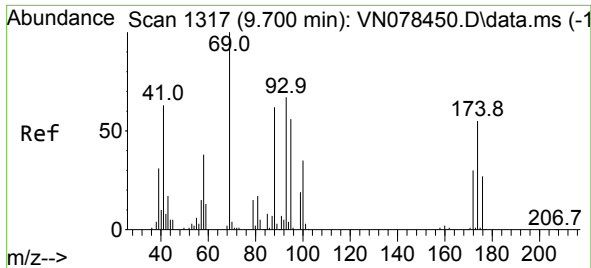
Tgt Ion: 83 Resp: 169806  
Ion Ratio Lower Upper  
83 100  
85 68.2 49.6 74.4  
127 10.7 7.0 10.6#



#48  
Methyl methacrylate  
Concen: 19.463 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 41 Resp: 97974  
Ion Ratio Lower Upper  
41 100  
69 95.2 90.4 135.6  
39 64.8 54.6 81.8

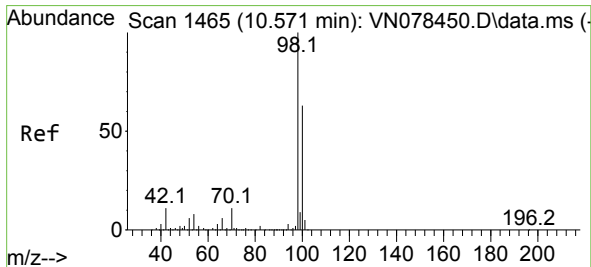
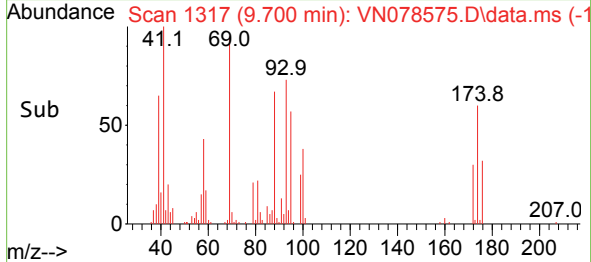
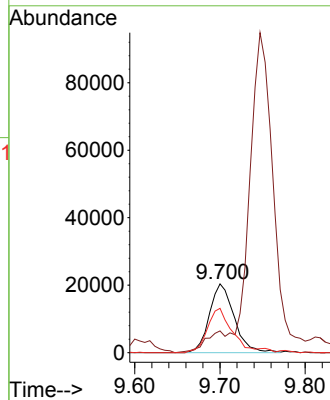
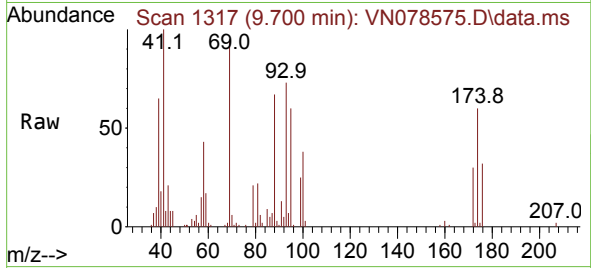




#49  
1,4-Dioxane  
Concen: 375.803 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

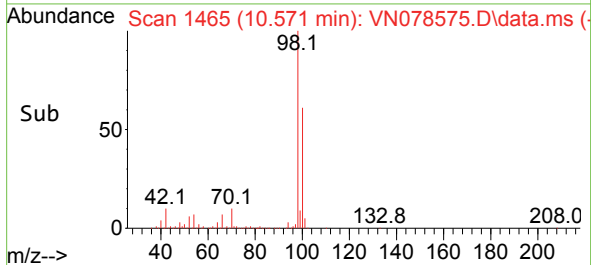
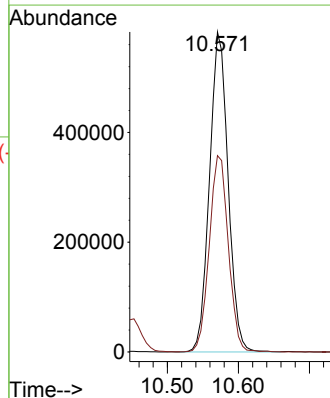
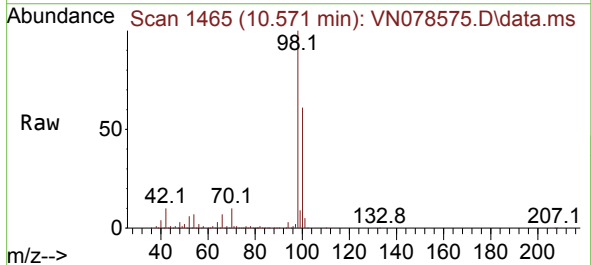
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

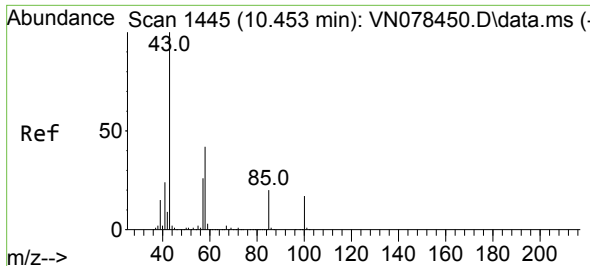
Tgt Ion: 88 Resp: 41255  
Ion Ratio Lower Upper  
88 100  
43 25.3 17.0 25.6  
58 66.2 47.0 70.4



#50  
Toluene-d8  
Concen: 51.174 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 98 Resp: 1059948  
Ion Ratio Lower Upper  
98 100  
100 63.0 52.0 78.0

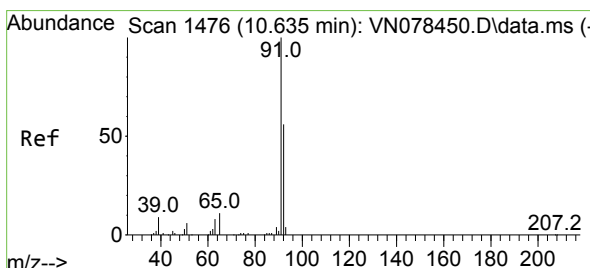
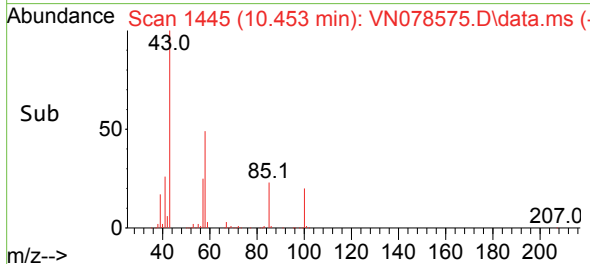
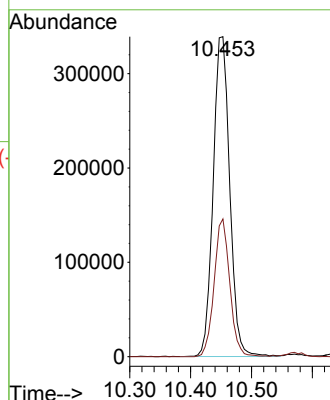
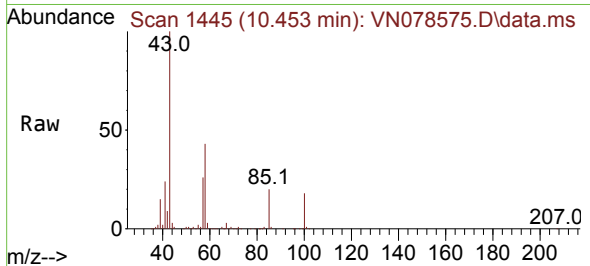




#51  
4-Methyl-2-Pentanone  
Concen: 99.222 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

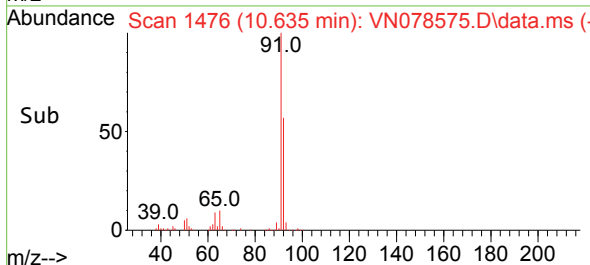
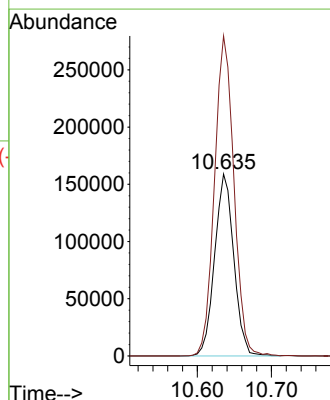
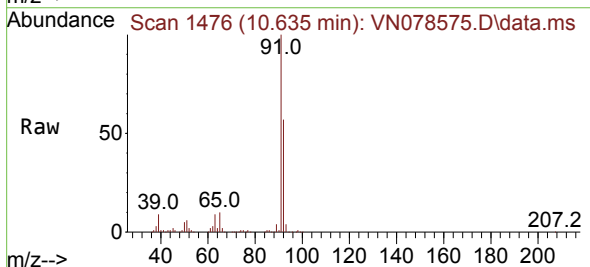
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

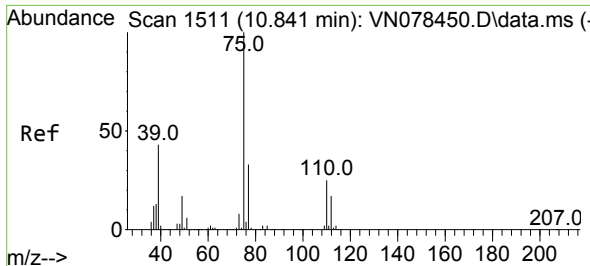
Tgt Ion: 43 Resp: 641256  
Ion Ratio Lower Upper  
43 100  
58 40.8 36.6 54.8



#52  
Toluene  
Concen: 19.667 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 92 Resp: 285893  
Ion Ratio Lower Upper  
92 100  
91 178.2 137.4 206.0

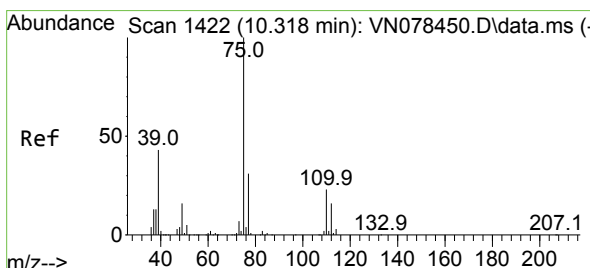
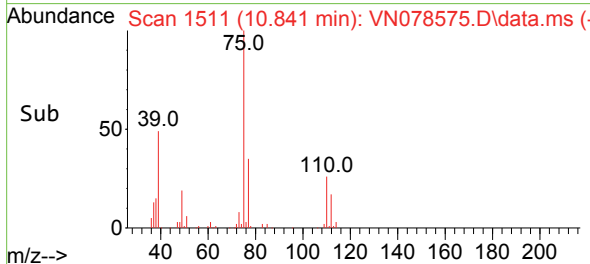
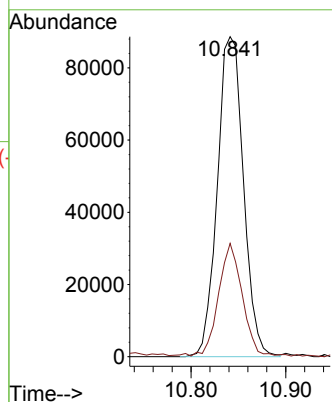
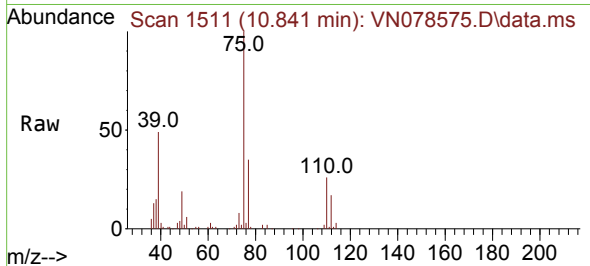




#53  
 t-1,3-Dichloropropene  
 Concen: 19.781 ug/l  
 RT: 10.841 min Scan# 1511  
 Delta R.T. 0.000 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

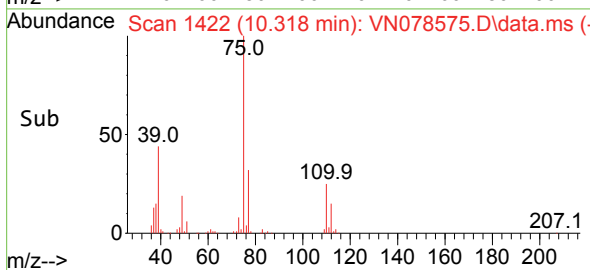
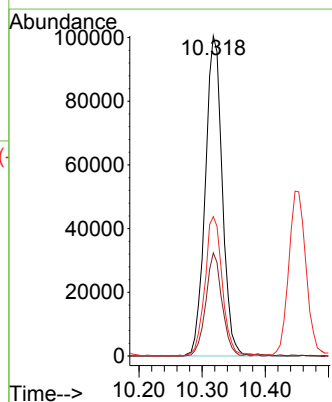
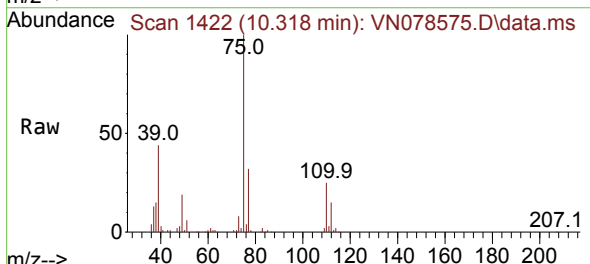
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0719WBSD01

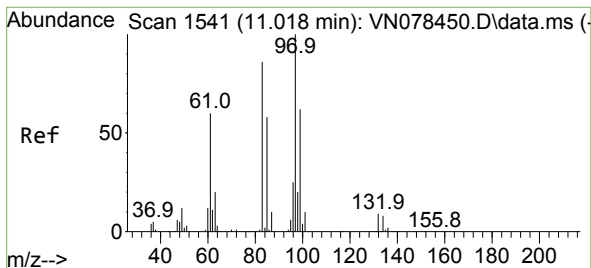
Tgt Ion: 75 Resp: 169842  
 Ion Ratio Lower Upper  
 75 100  
 77 34.8 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.534 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. -0.000 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

Tgt Ion: 75 Resp: 187937  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 26.1 39.1  
 39 43.2 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.395 ug/l

RT: 11.023 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0719WBSD01

Tgt Ion: 97 Resp: 116810

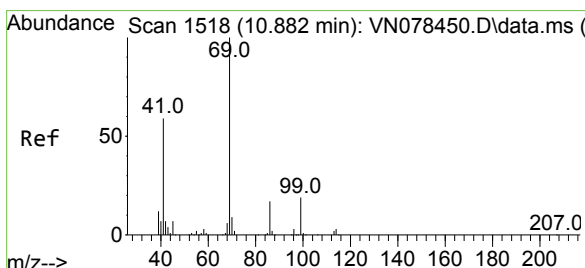
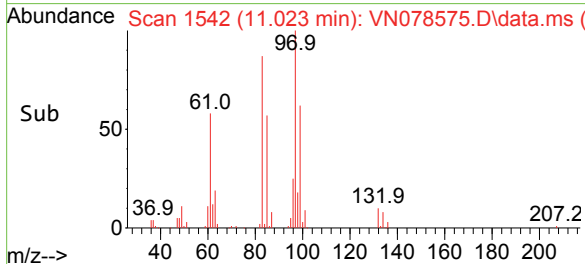
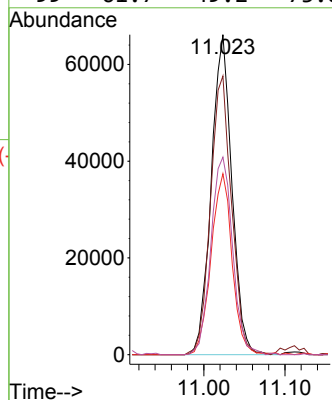
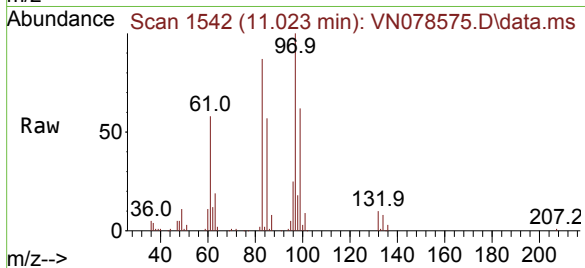
Ion Ratio Lower Upper

97 100

83 87.1 65.1 97.7

85 56.6 43.4 65.2

99 61.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 20.004 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

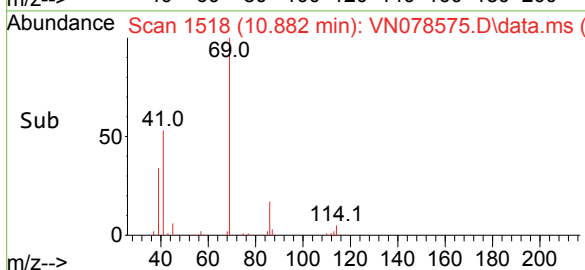
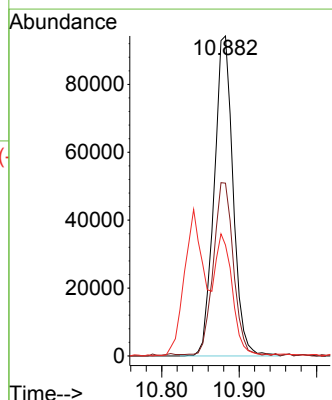
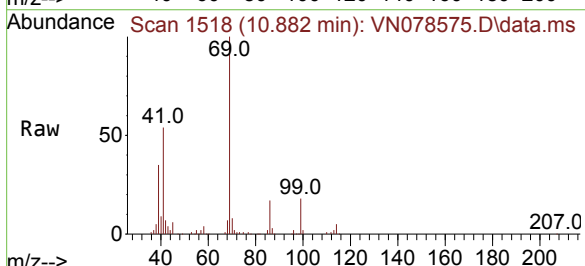
Tgt Ion: 69 Resp: 160156

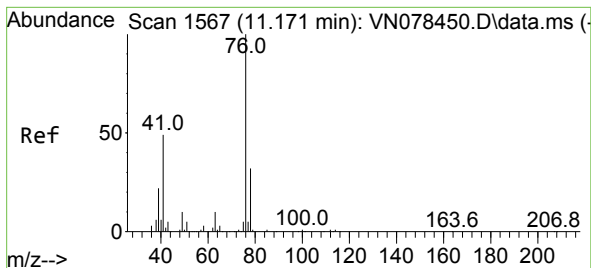
Ion Ratio Lower Upper

69 100

41 57.1 39.6 59.4

39 32.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.072 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA\_N

ClientSampleId :

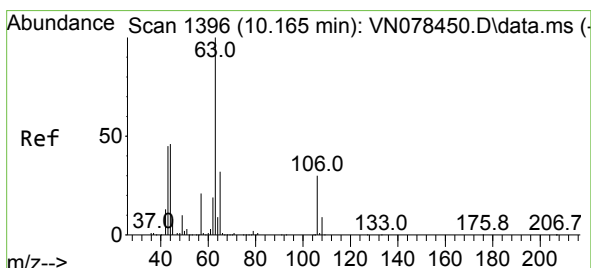
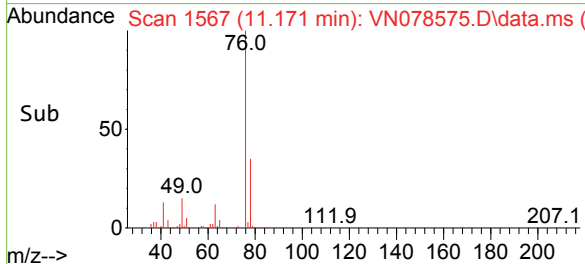
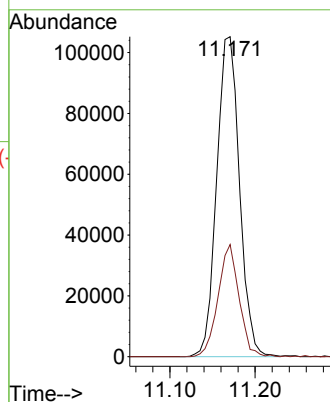
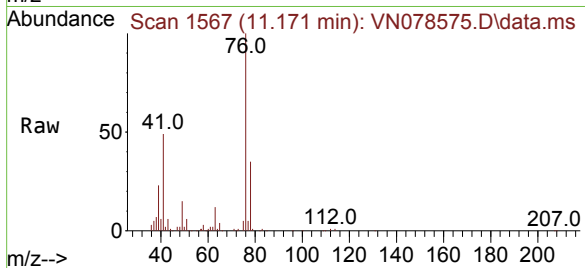
VN0719WBSD01

Tgt Ion: 76 Resp: 195461

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 81.505 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078575.D

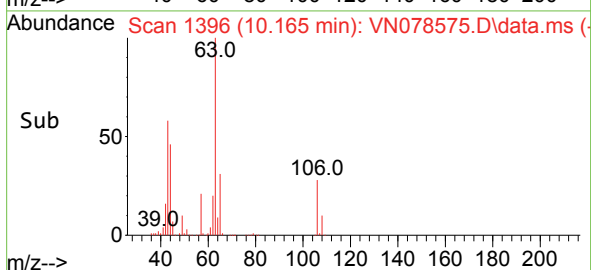
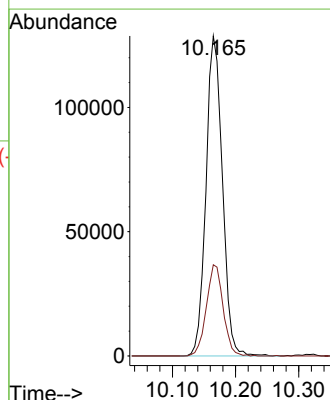
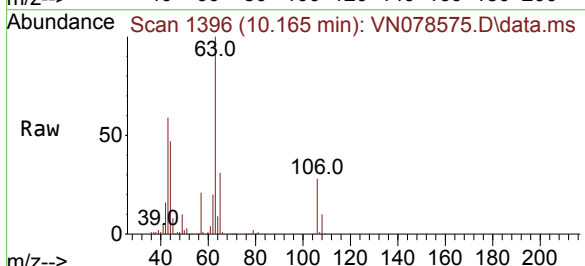
Acq: 19 Jul 2023 13:00

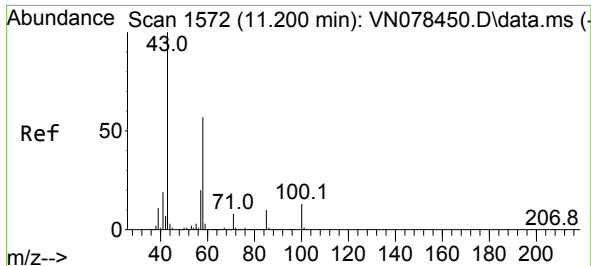
Tgt Ion: 63 Resp: 232544

Ion Ratio Lower Upper

63 100

106 29.2 26.2 39.4

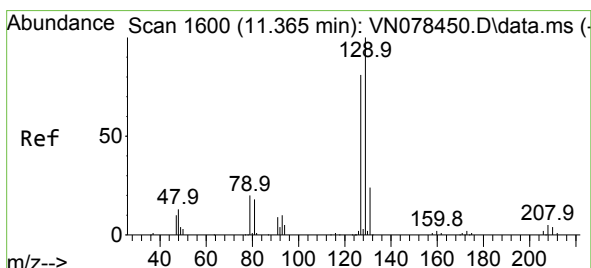
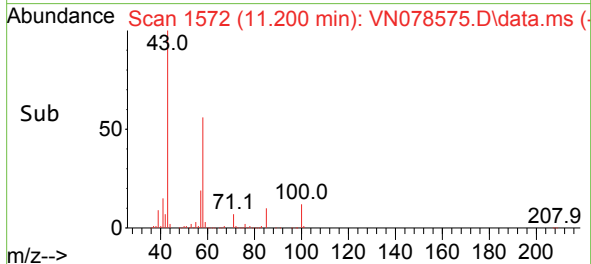
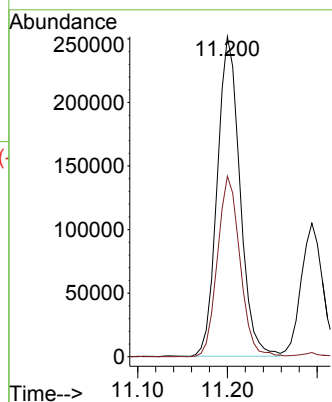
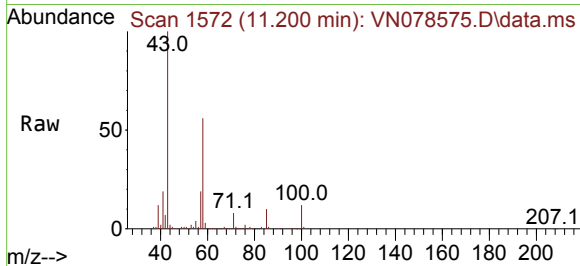




#59  
2-Hexanone  
Concen: 96.156 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

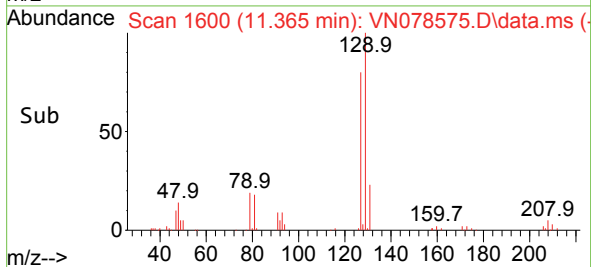
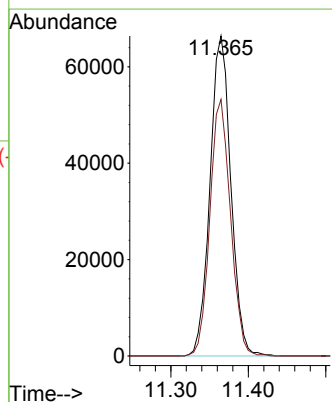
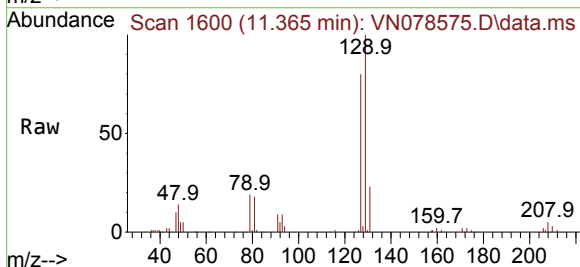
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

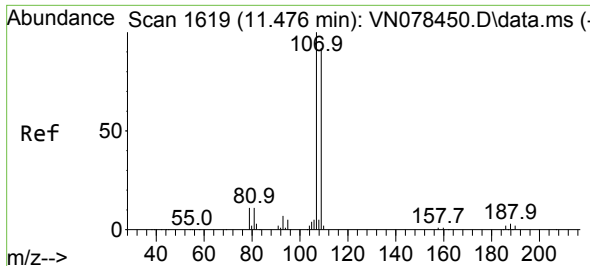
Tgt Ion: 43 Resp: 441666  
Ion Ratio Lower Upper  
43 100  
58 56.2 31.7 95.1



#60  
Dibromochloromethane  
Concen: 19.666 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 129 Resp: 124342  
Ion Ratio Lower Upper  
129 100  
127 79.2 38.6 116.0

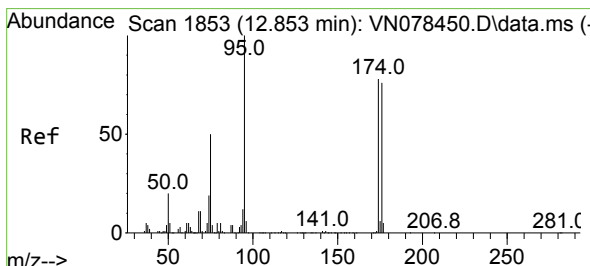
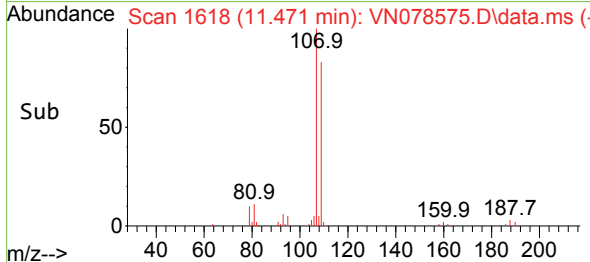
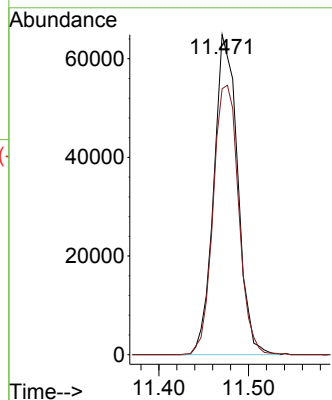
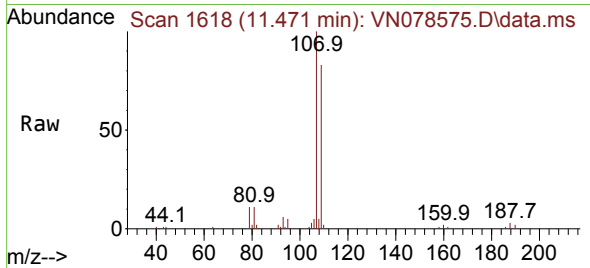




#61  
1,2-Dibromoethane  
Concen: 20.266 ug/l  
RT: 11.471 min Scan# 1619  
Delta R.T. -0.005 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

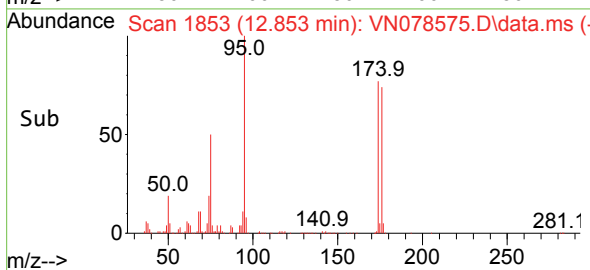
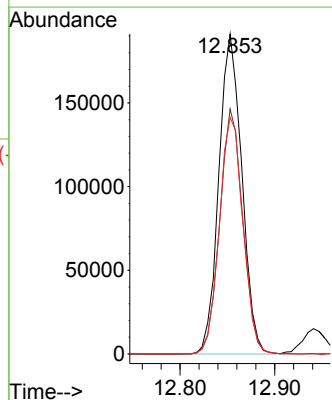
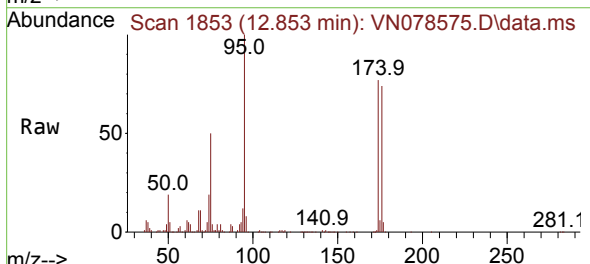
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

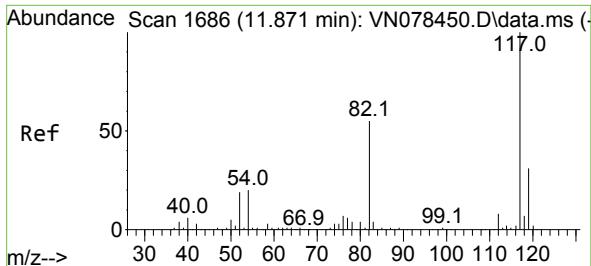
Tgt Ion:107 Resp: 119563  
Ion Ratio Lower Upper  
107 100  
109 90.1 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 50.521 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 95 Resp: 322322  
Ion Ratio Lower Upper  
95 100  
174 76.7 0.0 143.8  
176 75.8 0.0 135.8

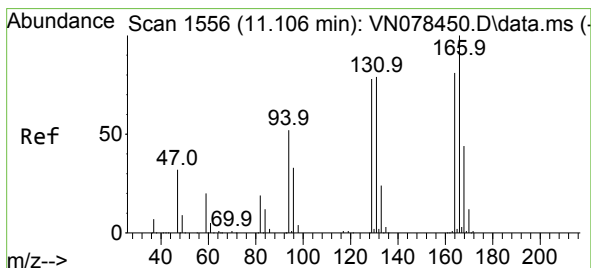
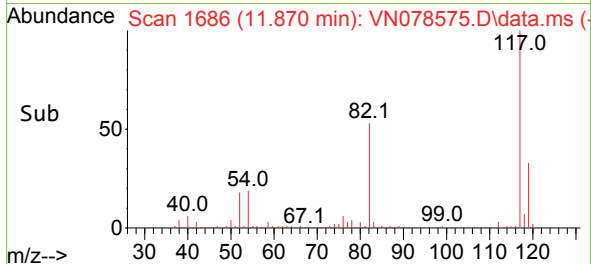
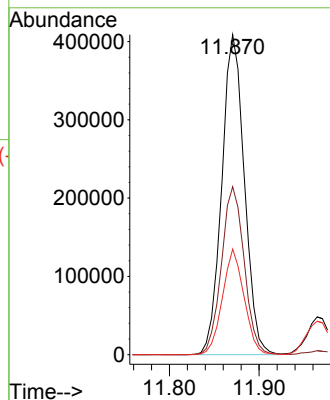
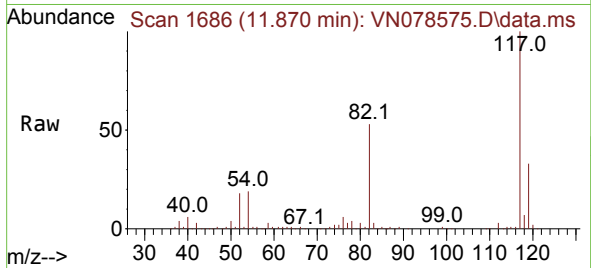




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1170  
Delta R.T. -0.001 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

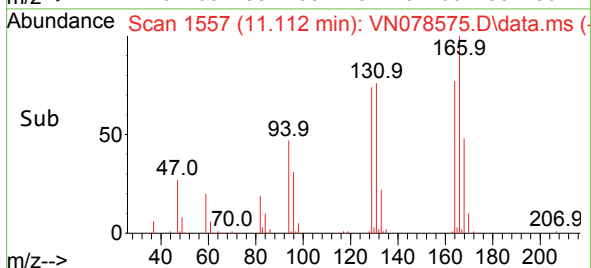
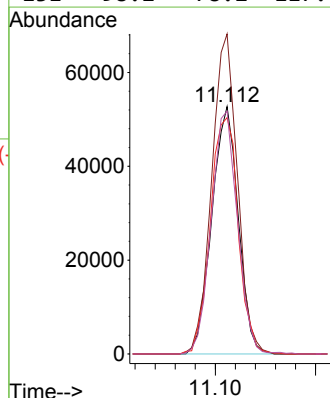
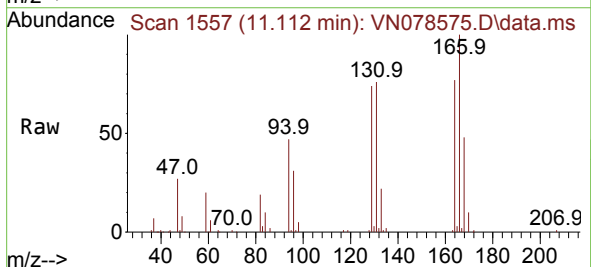
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

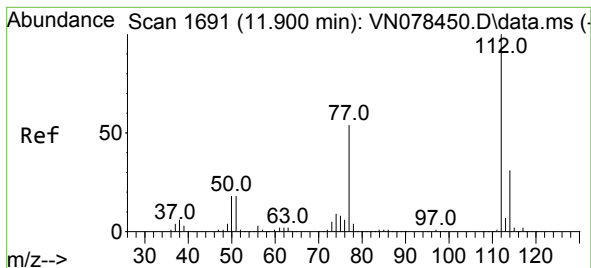
Tgt Ion:117 Resp: 715132  
Ion Ratio Lower Upper  
117 100  
82 52.5 44.0 66.0  
119 33.0 25.6 38.4



#64  
Tetrachloroethene  
Concen: 17.915 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. 0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion:164 Resp: 96322  
Ion Ratio Lower Upper  
164 100  
166 129.4 101.4 152.0  
129 95.6 82.4 123.6  
131 98.2 78.2 117.4

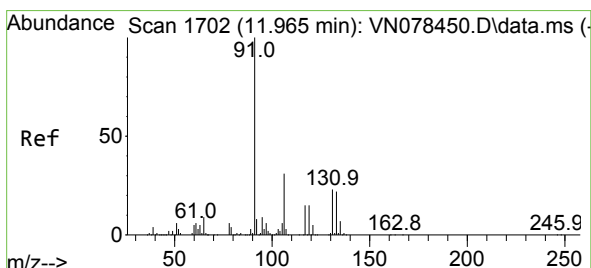
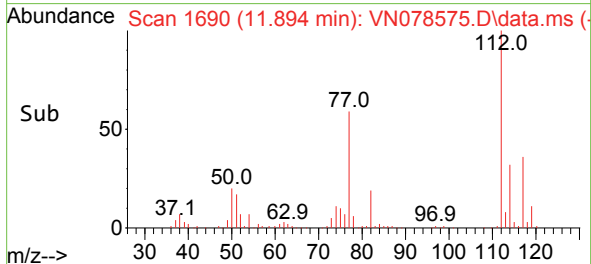
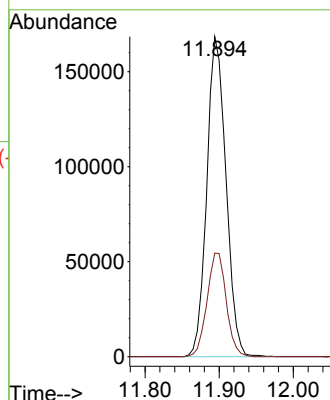
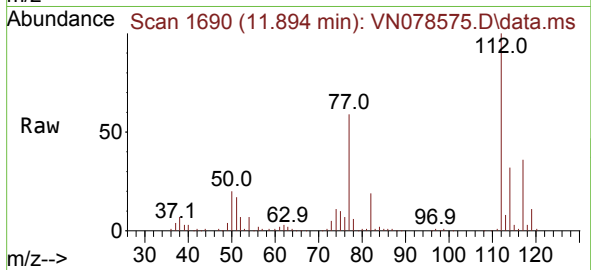




#65  
Chlorobenzene  
Concen: 18.953 ug/l  
RT: 11.894 min Scan# 11894  
Delta R.T. -0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

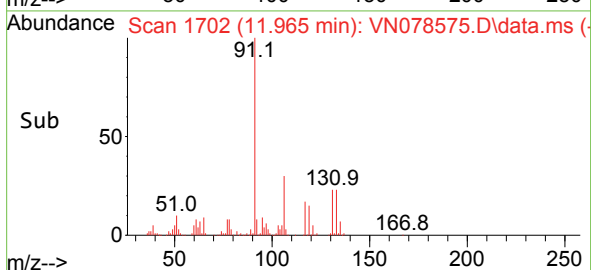
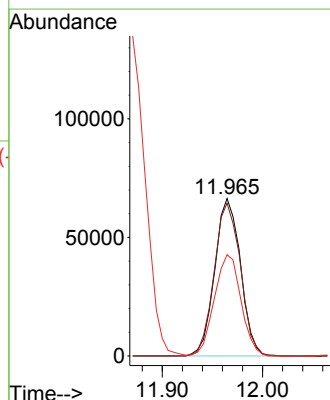
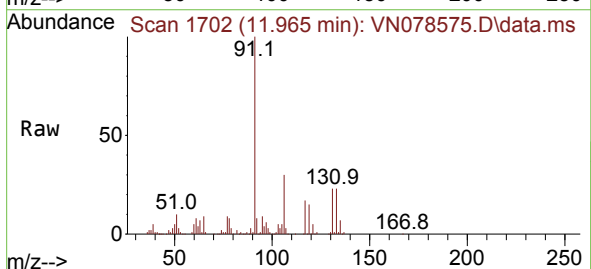
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

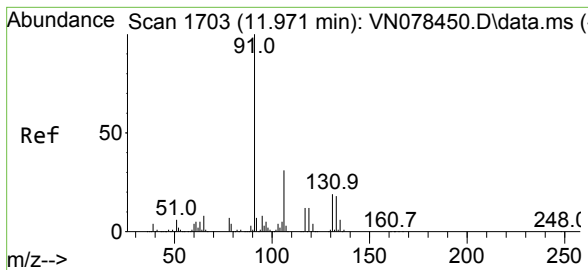
Tgt Ion:112 Resp: 302964  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.208 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion:131 Resp: 118119  
Ion Ratio Lower Upper  
131 100  
133 99.0 46.4 139.1  
119 66.4 34.1 102.2

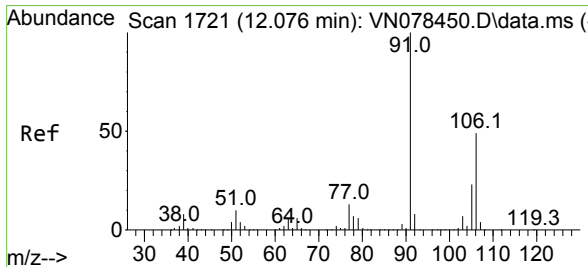
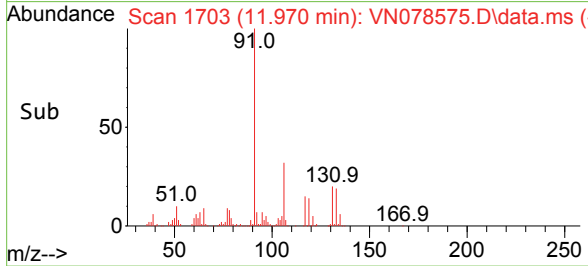
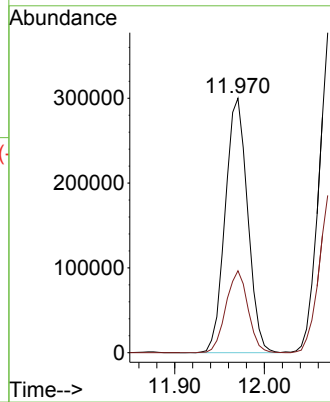
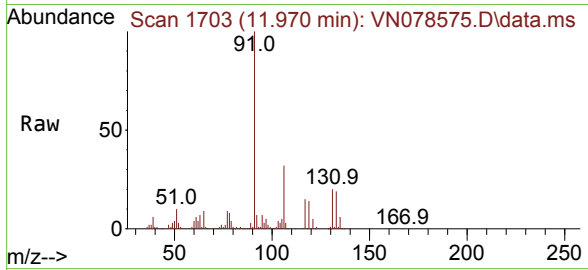




#67  
Ethyl Benzene  
Concen: 19.263 ug/l  
RT: 11.970 min Scan# 1703  
Delta R.T. -0.001 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

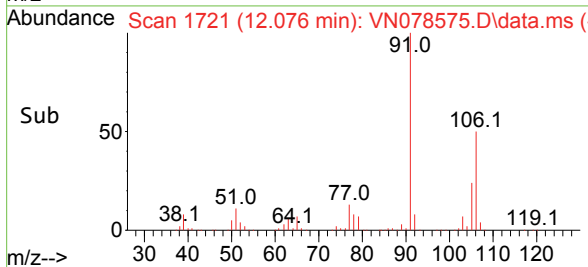
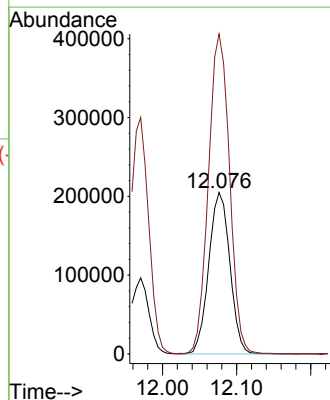
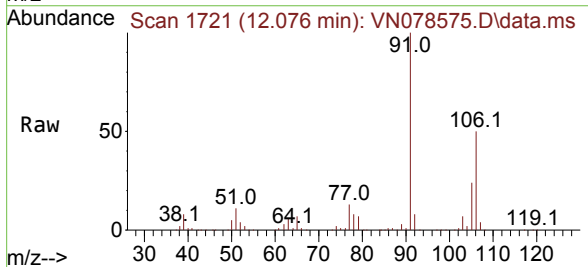
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

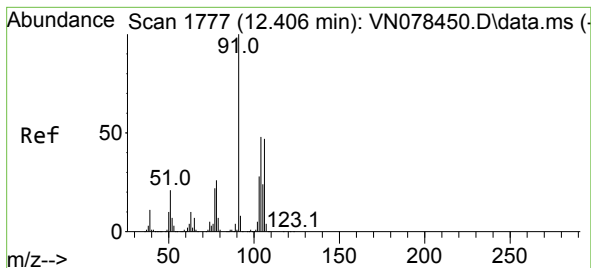
Tgt Ion: 91 Resp: 520486  
Ion Ratio Lower Upper  
91 100  
106 32.2 25.6 38.4



#68  
m/p-Xylenes  
Concen: 40.644 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 106 Resp: 406035  
Ion Ratio Lower Upper  
106 100  
91 198.0 159.6 239.4





#69

o-Xylene

Concen: 19.125 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA\_N

ClientSampleId :

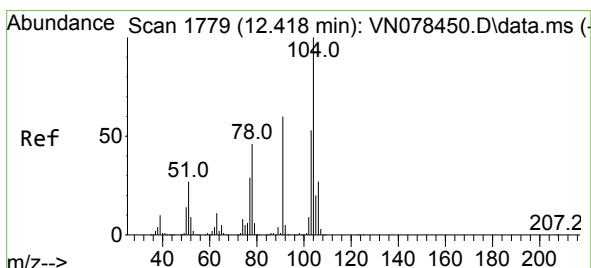
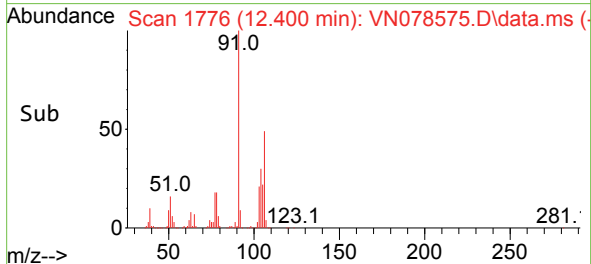
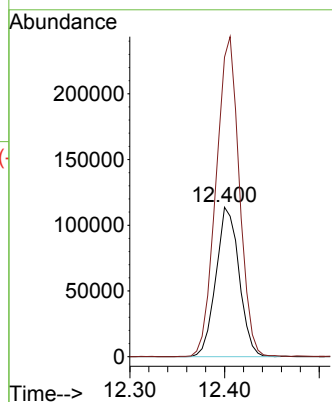
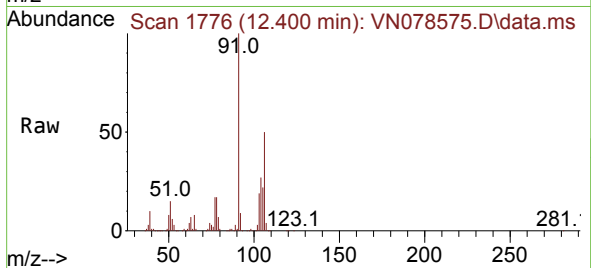
VN0719WBSD01

Tgt Ion:106 Resp: 192978

Ion Ratio Lower Upper

106 100

91 215.3 105.2 315.5



#70

Styrene

Concen: 19.743 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

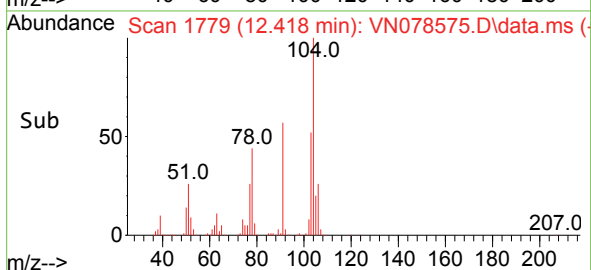
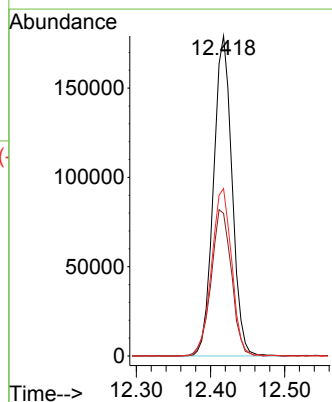
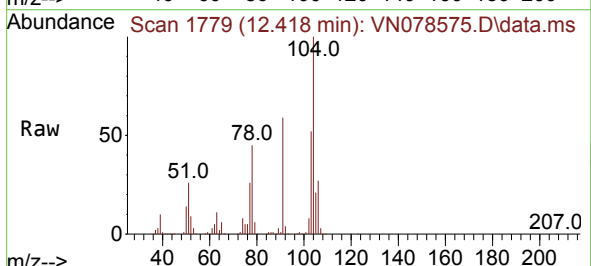
Tgt Ion:104 Resp: 311672

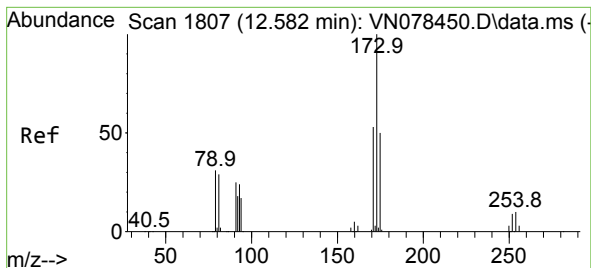
Ion Ratio Lower Upper

104 100

78 50.2 39.5 59.3

103 56.6 43.2 64.8





#71

Bromoform

Concen: 18.883 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0719WBSD01

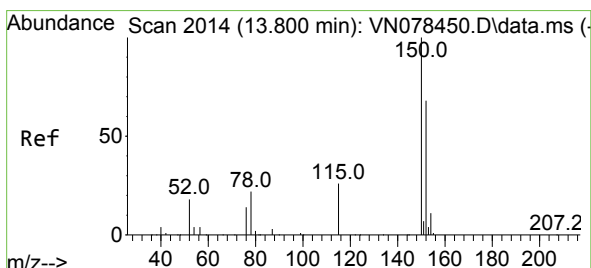
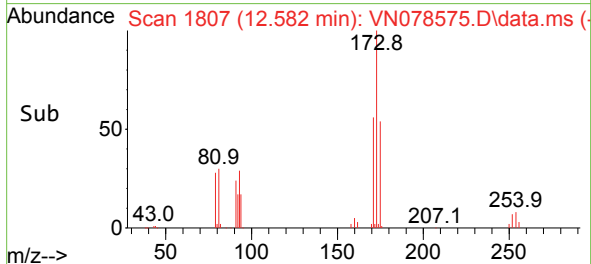
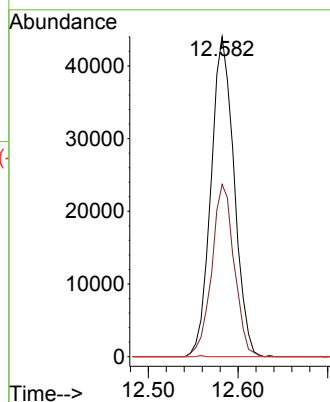
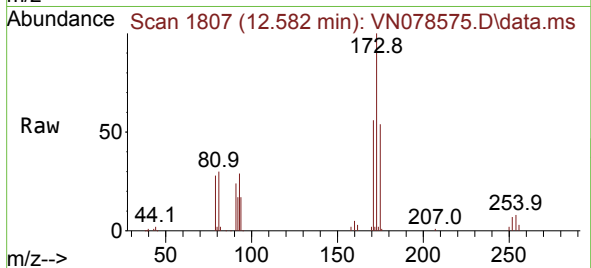
Tgt Ion:173 Resp: 78641

Ion Ratio Lower Upper

173 100

175 52.3 24.3 73.0

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. -0.006 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

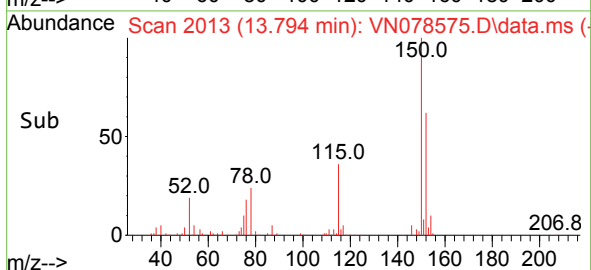
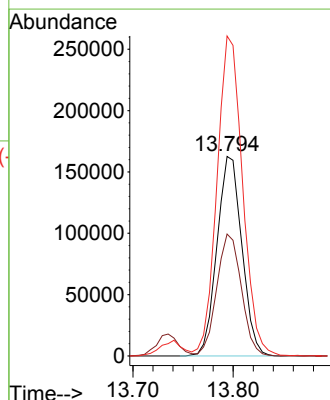
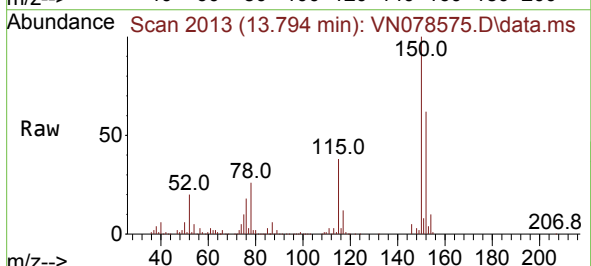
Tgt Ion:152 Resp: 280322

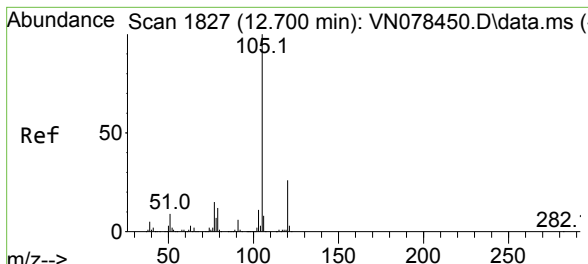
Ion Ratio Lower Upper

152 100

115 60.3 32.3 96.8

150 165.1 0.0 355.8

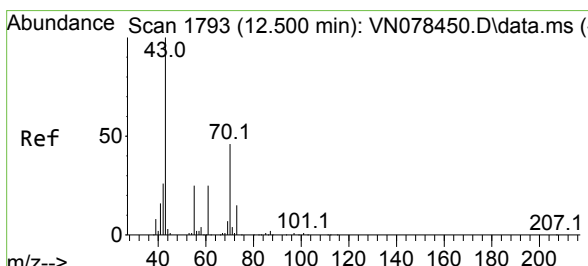
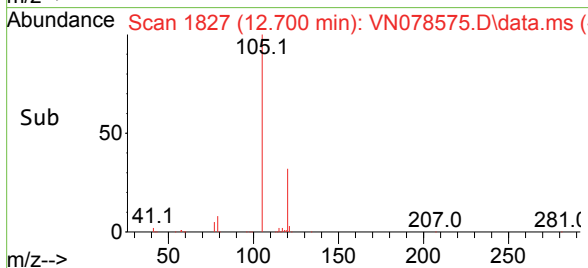
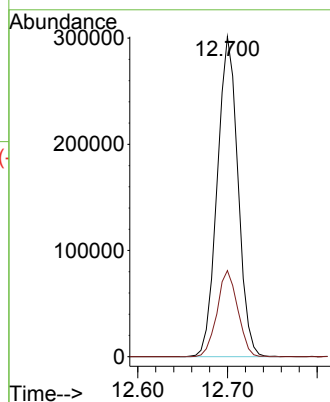
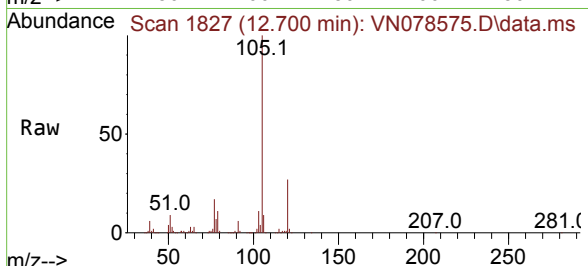




#73  
Isopropylbenzene  
Concen: 18.303 ug/l  
RT: 12.700 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

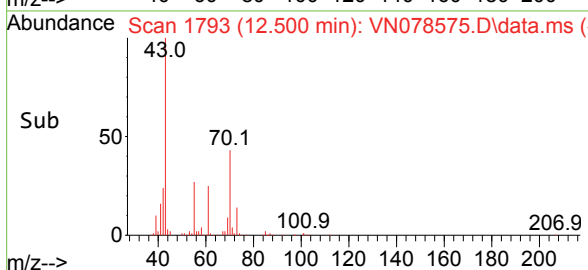
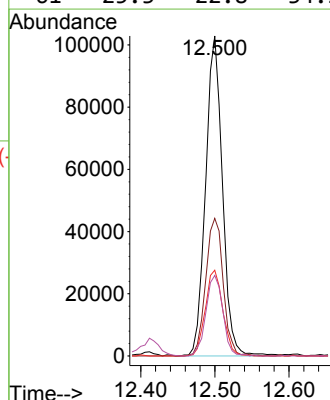
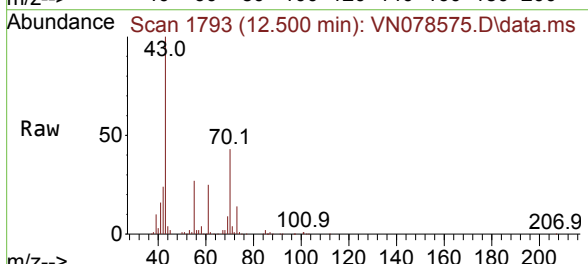
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

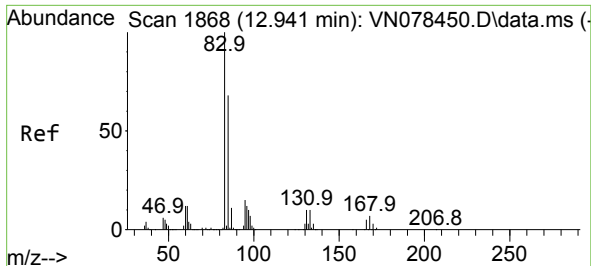
Tgt Ion:105 Resp: 482098  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.1 39.1



#74  
N-ethyl acetate  
Concen: 17.931 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 43 Resp: 162769  
Ion Ratio Lower Upper  
43 100  
70 44.6 43.4 65.2  
55 27.9 21.4 32.0  
61 25.3 22.8 34.2

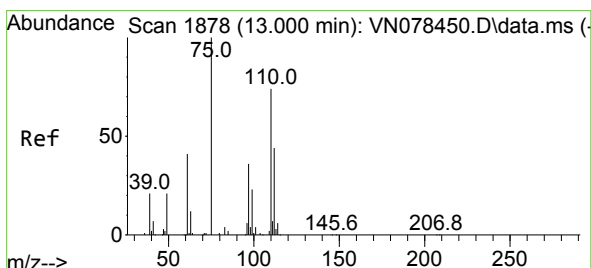
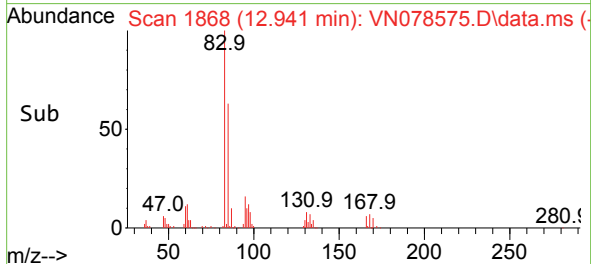
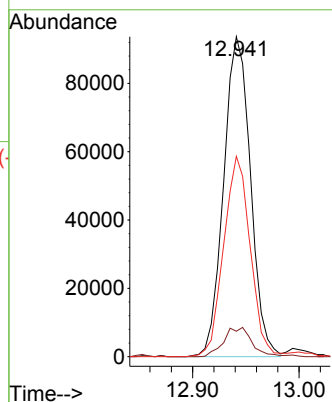
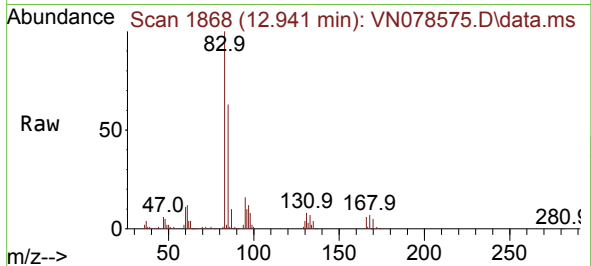




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.479 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

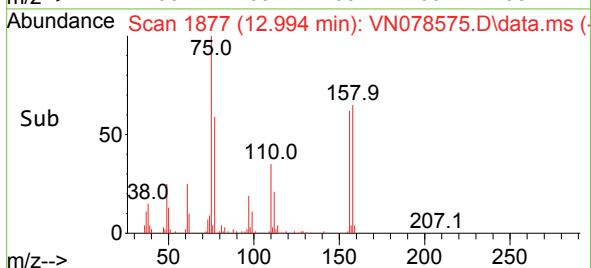
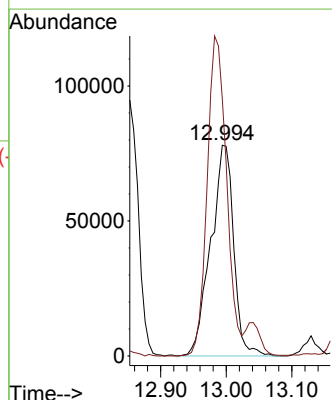
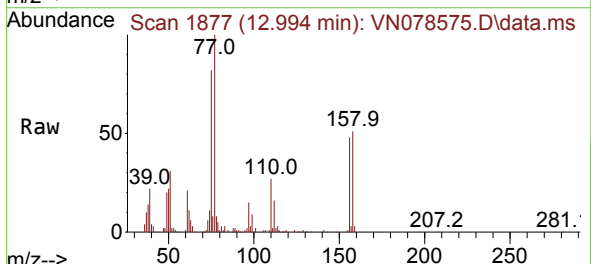
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

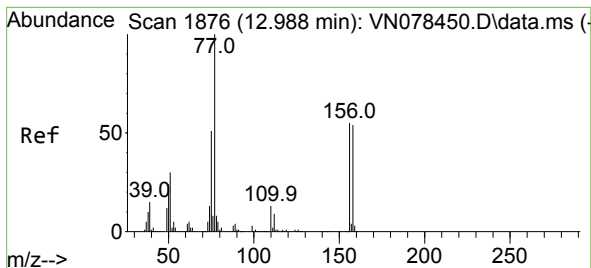
Tgt Ion: 83 Resp: 164114  
Ion Ratio Lower Upper  
83 100  
131 9.8 5.0 15.0  
85 61.9 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 27.895 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.006 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 75 Resp: 189006  
Ion Ratio Lower Upper  
75 100  
77 128.8 84.5 253.5





#77

Bromobenzene

Concen: 19.563 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0719WBSD01

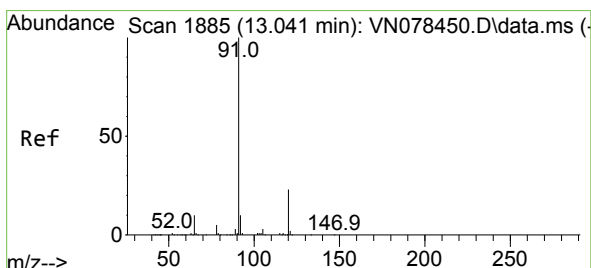
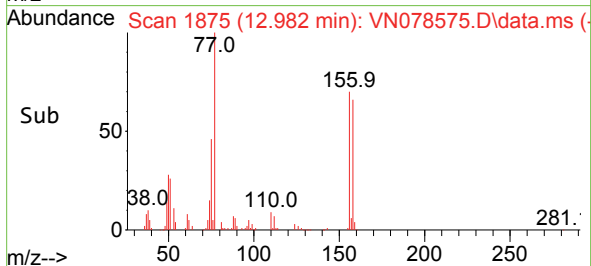
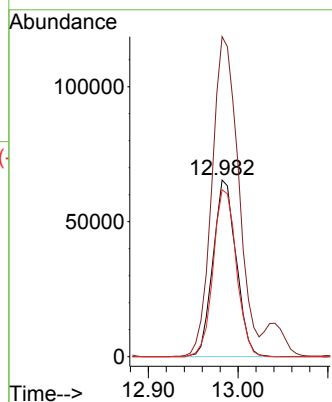
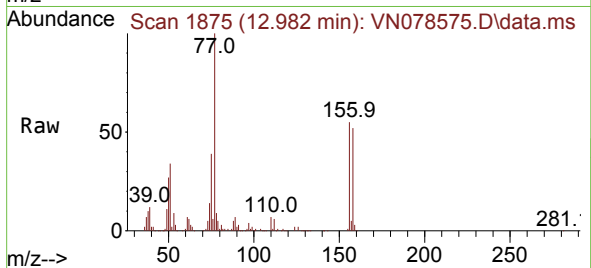
Tgt Ion:156 Resp: 117448

Ion Ratio Lower Upper

156 100

77 207.3 107.7 323.3

158 94.7 48.4 145.3



#78

n-propylbenzene

Concen: 19.205 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078575.D

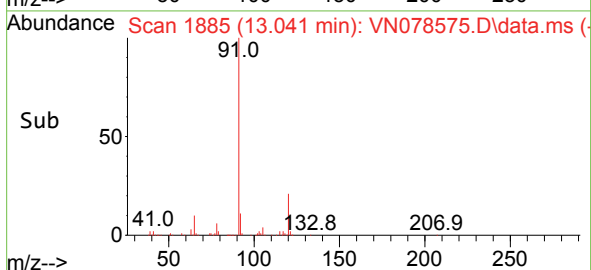
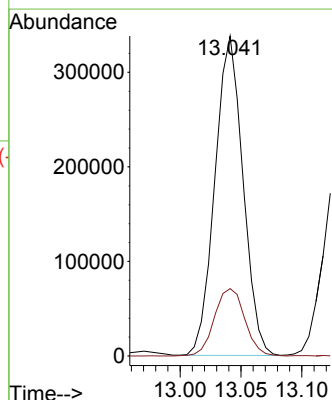
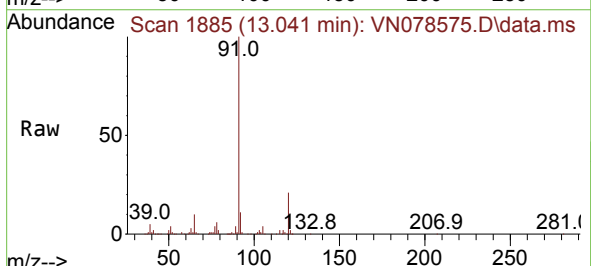
Acq: 19 Jul 2023 13:00

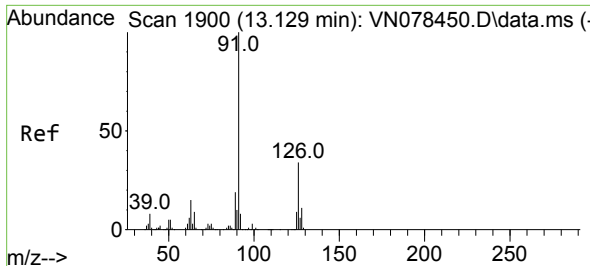
Tgt Ion: 91 Resp: 541000

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

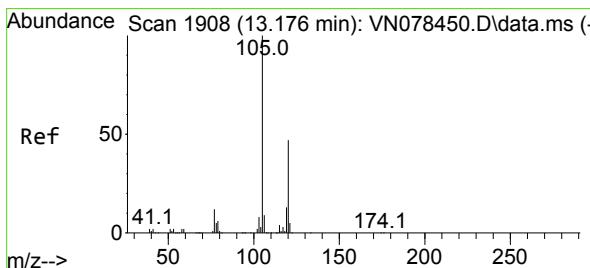
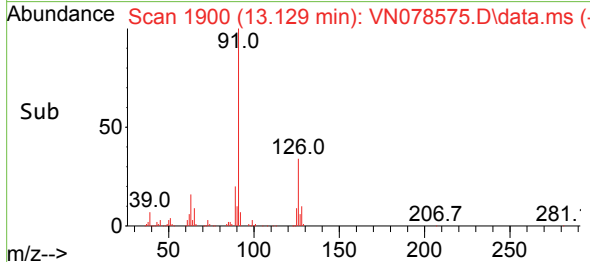
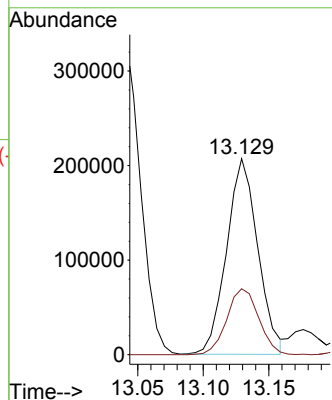
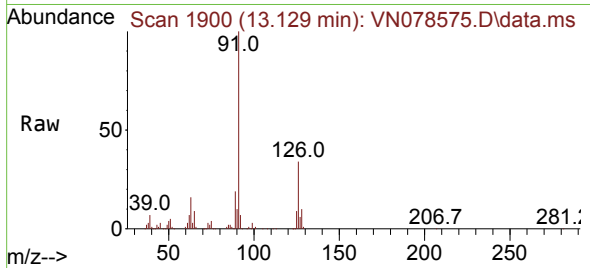




#79  
2-Chlorotoluene  
Concen: 18.610 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

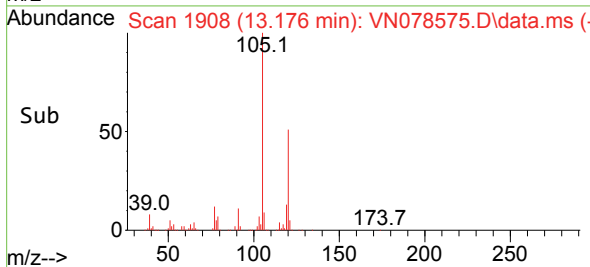
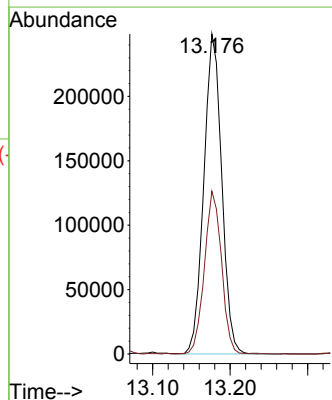
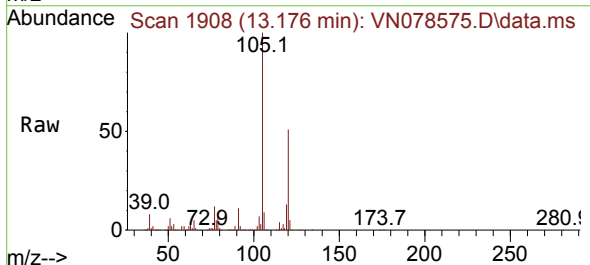
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

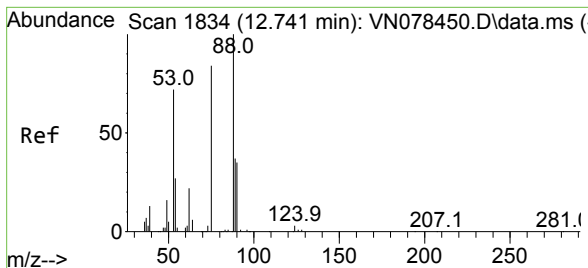
Tgt Ion: 91 Resp: 343389  
Ion Ratio Lower Upper  
91 100  
126 34.4 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 19.163 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 105 Resp: 398824  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.1 72.3

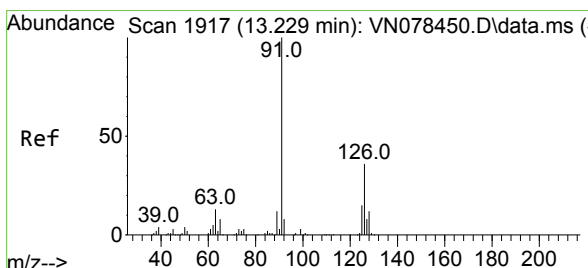
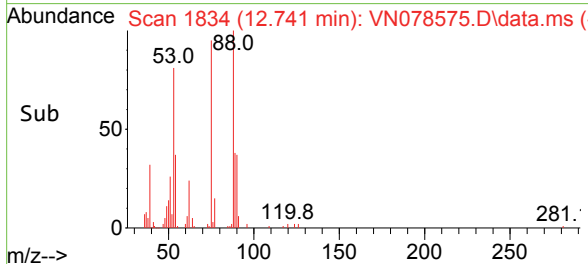
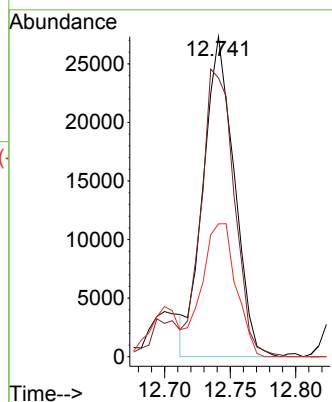
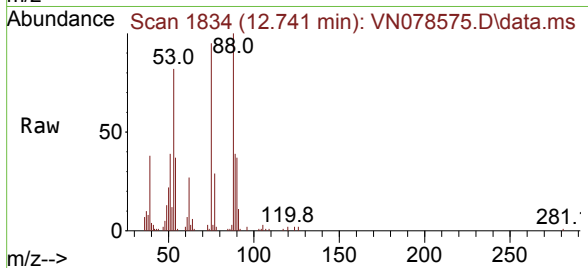




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.410 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

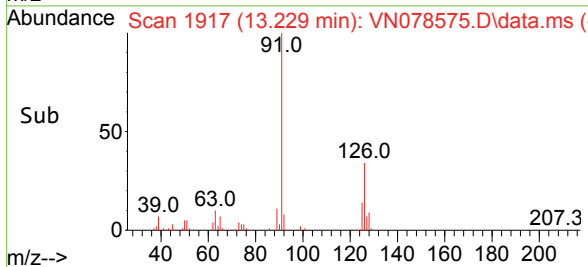
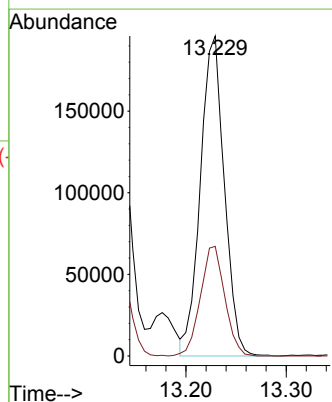
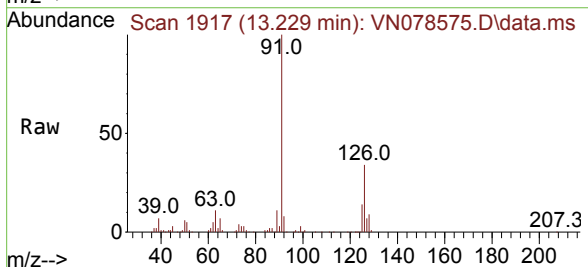
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

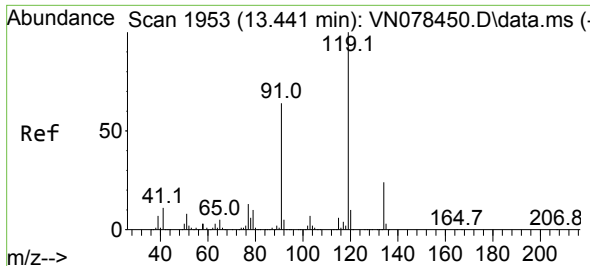
Tgt Ion: 75 Resp: 44891  
Ion Ratio Lower Upper  
75 100  
53 95.6 67.4 101.2  
89 46.6 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 18.926 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 91 Resp: 325770  
Ion Ratio Lower Upper  
91 100  
126 34.9 16.7 50.0

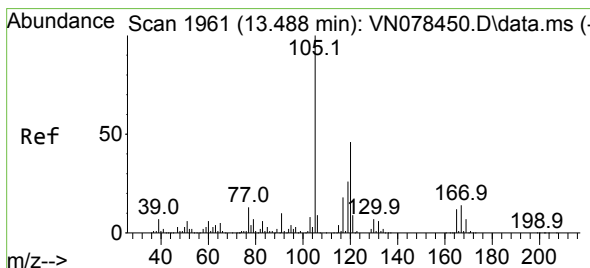
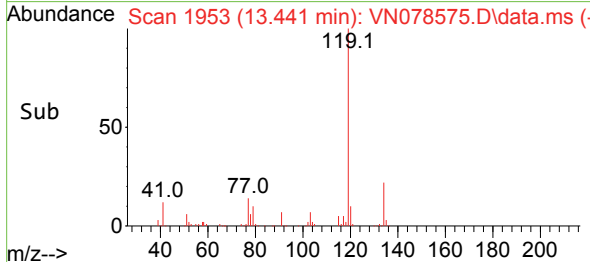
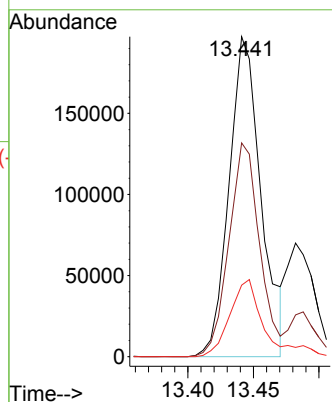
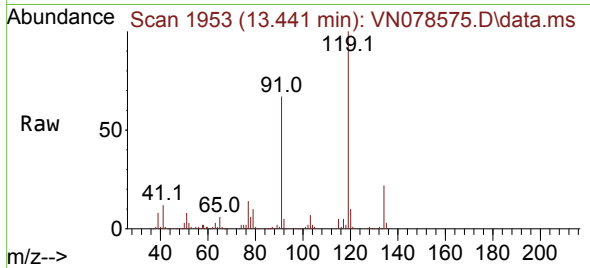




#83  
 tert-Butylbenzene  
 Concen: 18.919 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. -0.000 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

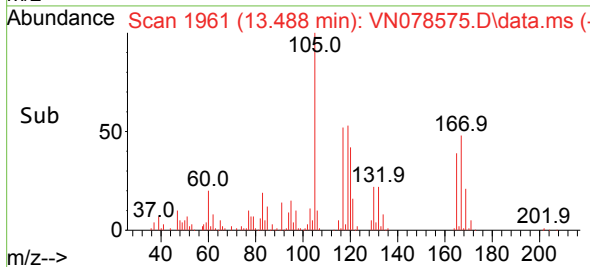
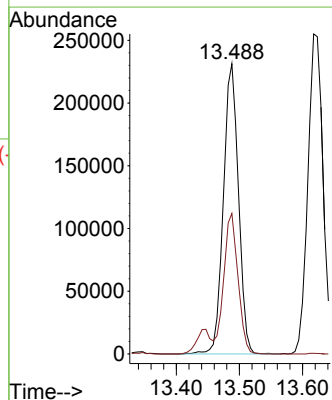
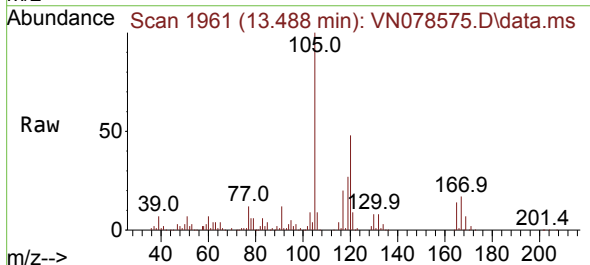
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0719WBSD01

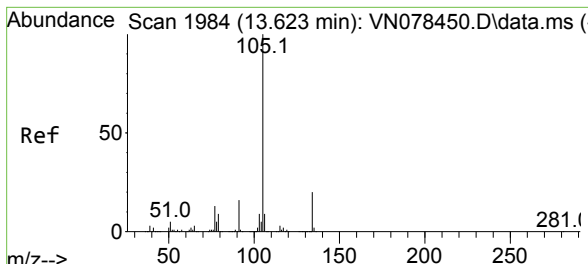
Tgt Ion:119 Resp: 334287  
 Ion Ratio Lower Upper  
 119 100  
 91 64.3 33.9 101.7  
 134 25.9 13.2 39.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.951 ug/l  
 RT: 13.488 min Scan# 1961  
 Delta R.T. 0.000 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

Tgt Ion:105 Resp: 383096  
 Ion Ratio Lower Upper  
 105 100  
 120 45.8 22.0 66.0

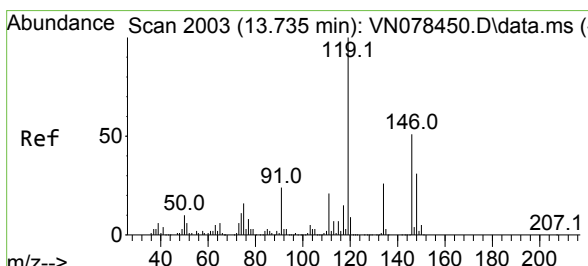
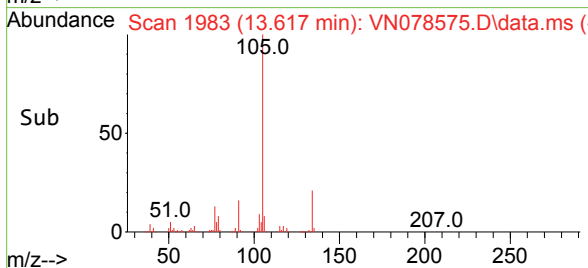
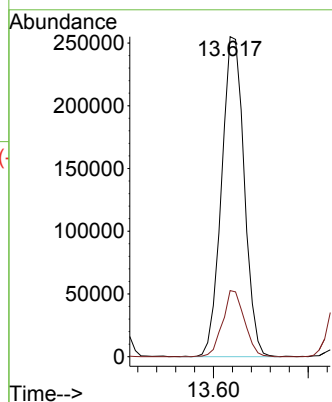
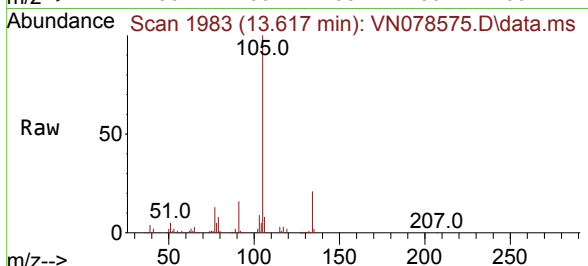




#85  
 sec-Butylbenzene  
 Concen: 18.975 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.006 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

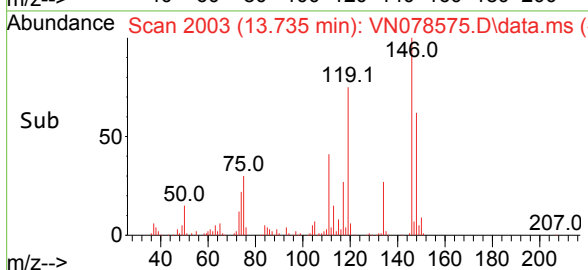
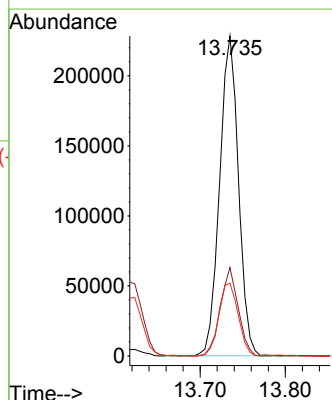
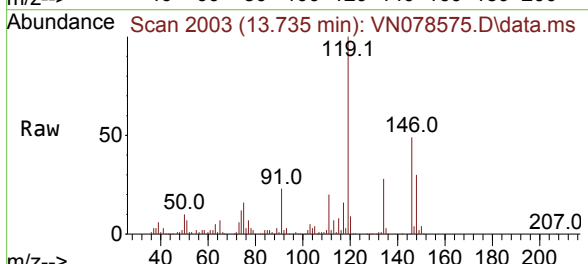
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0719WBSD01

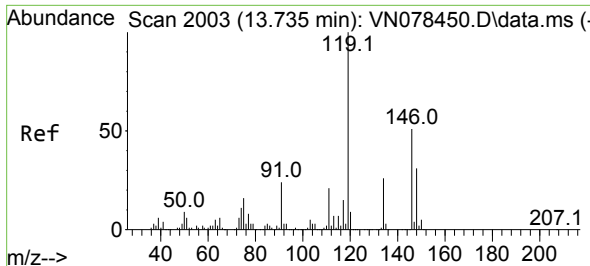
Tgt Ion:105 Resp: 423790  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 19.586 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

Tgt Ion:119 Resp: 351249  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 12.6 37.8  
 91 23.6 12.4 37.2

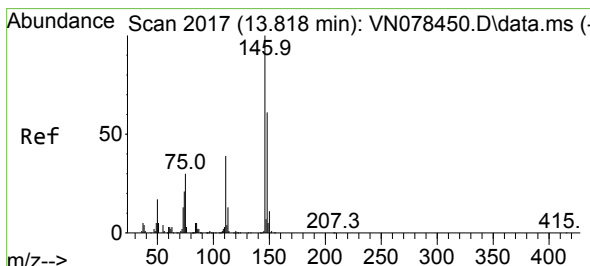
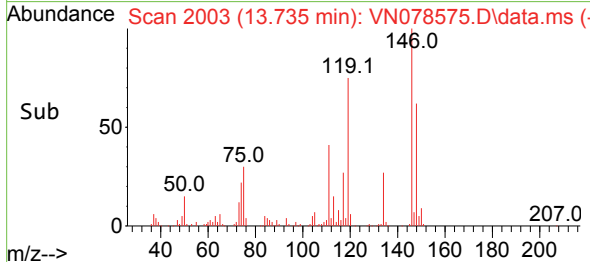
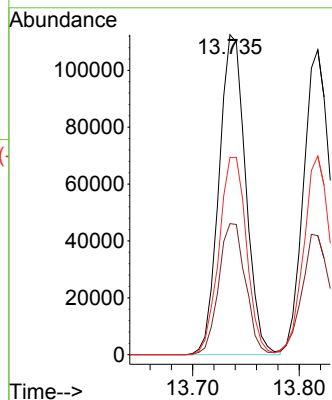
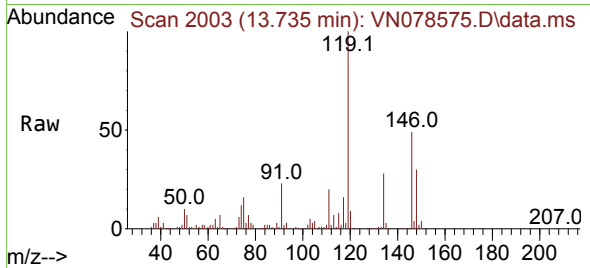




#87  
1,3-Dichlorobenzene  
Concen: 19.317 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

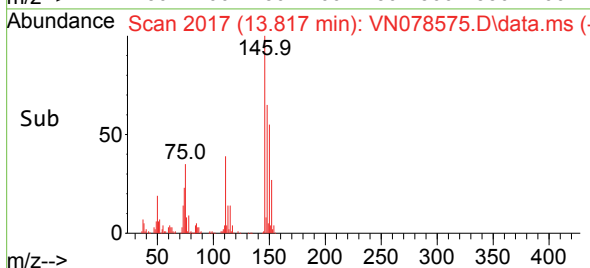
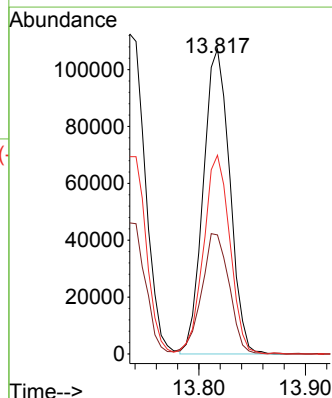
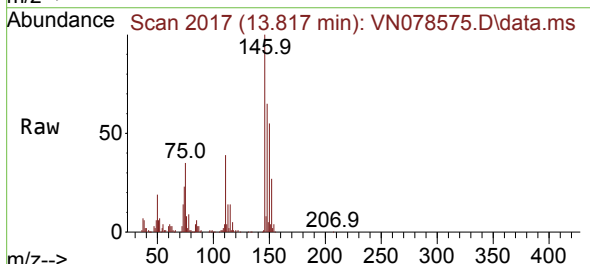
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

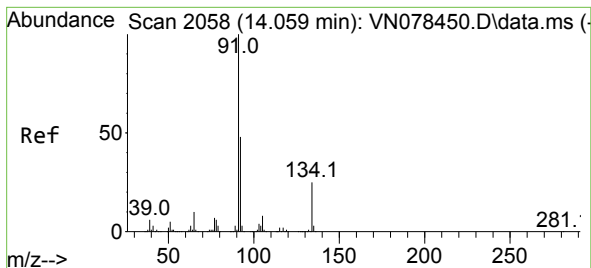
Tgt Ion:146 Resp: 195330  
Ion Ratio Lower Upper  
146 100  
111 41.3 22.1 66.3  
148 63.6 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 18.174 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. -0.001 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion:146 Resp: 185109  
Ion Ratio Lower Upper  
146 100  
111 41.2 20.6 61.8  
148 65.0 31.6 94.8





#89

n-Butylbenzene

Concen: 19.269 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078575.D

Acq: 19 Jul 2023 13:00

Instrument :

MSVOA\_N

ClientSampleId :

VN0719WBSD01

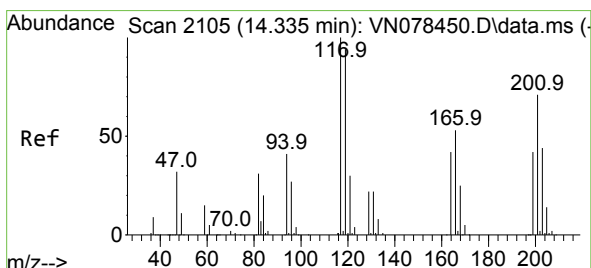
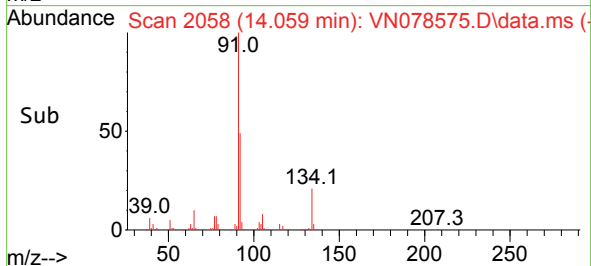
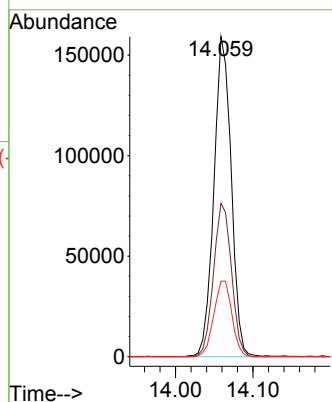
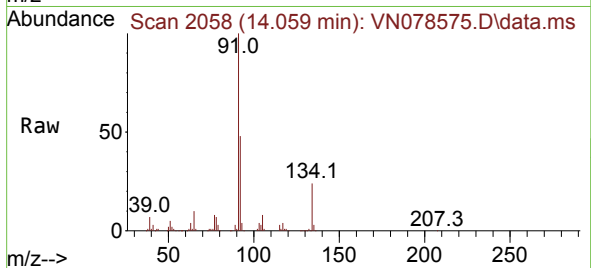
Tgt Ion: 91 Resp: 247250

Ion Ratio Lower Upper

91 100

92 49.5 26.4 79.0

134 24.7 12.6 37.6



#90

Hexachloroethane

Concen: 20.223 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN078575.D

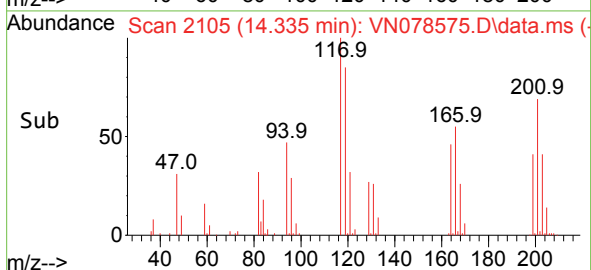
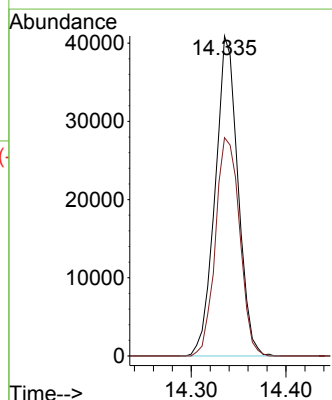
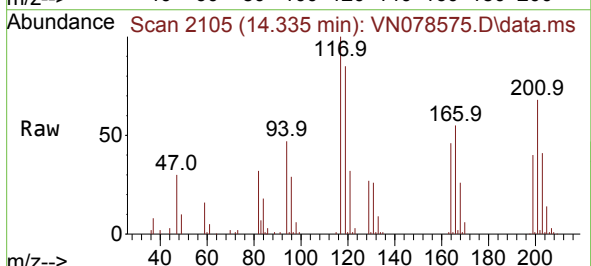
Acq: 19 Jul 2023 13:00

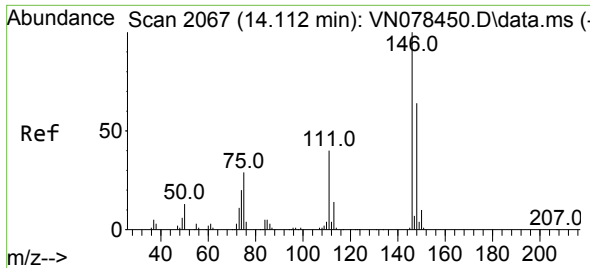
Tgt Ion: 117 Resp: 68260

Ion Ratio Lower Upper

117 100

201 72.4 29.3 88.0

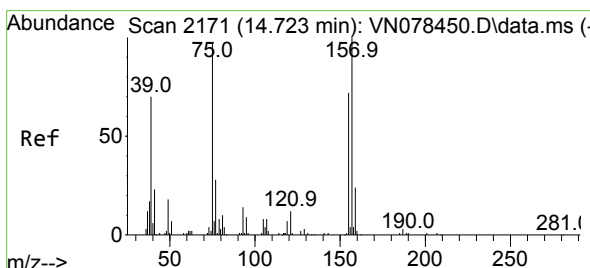
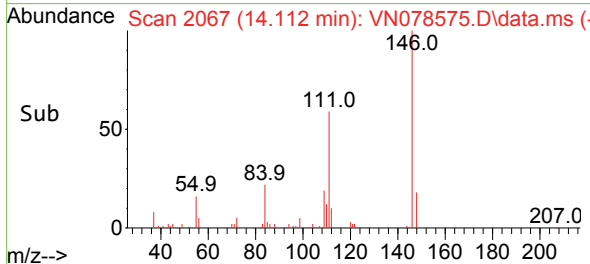
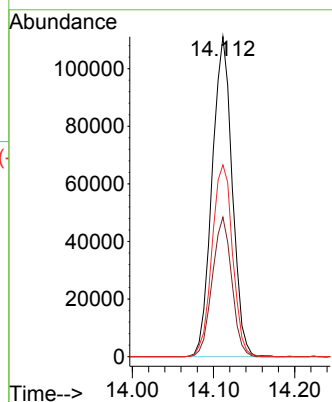
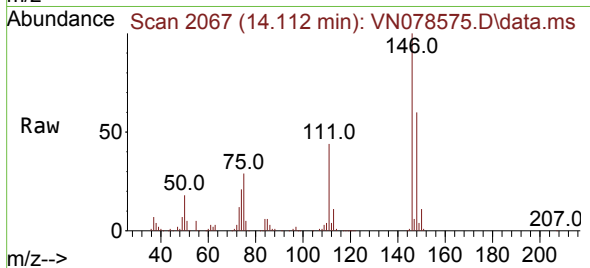




#91  
1,2-Dichlorobenzene  
Concen: 18.978 ug/l  
RT: 14.112 min Scan# 2067  
Delta R.T. -0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

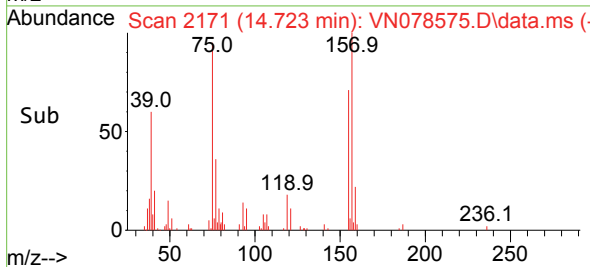
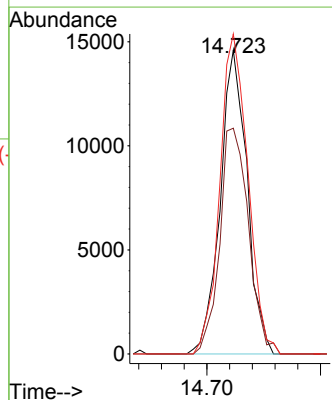
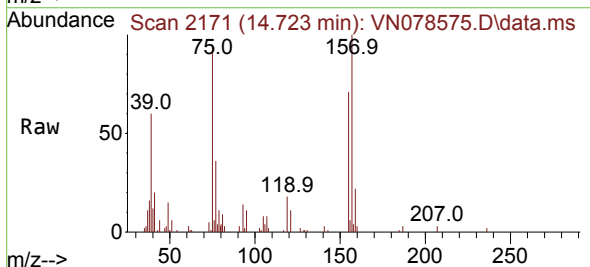
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0719WBSD01

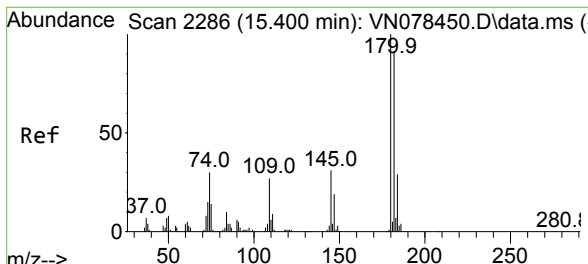
Tgt Ion:146 Resp: 190979  
Ion Ratio Lower Upper  
146 100  
111 42.1 22.0 66.0  
148 61.4 31.8 95.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.763 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN078575.D  
Acq: 19 Jul 2023 13:00

Tgt Ion: 75 Resp: 23960  
Ion Ratio Lower Upper  
75 100  
155 79.6 39.1 117.2  
157 110.1 50.3 150.9

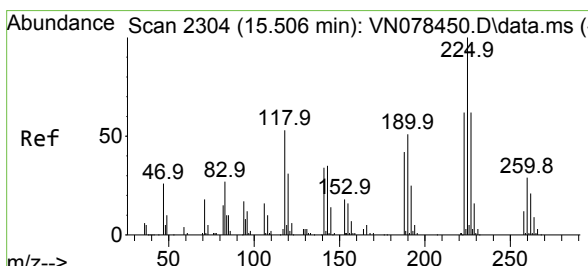
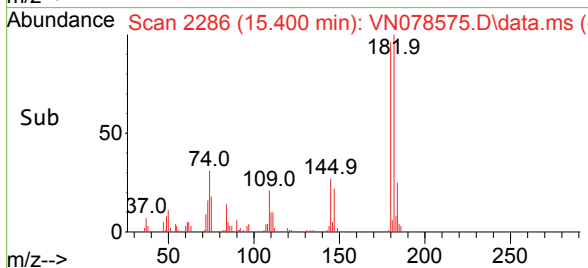
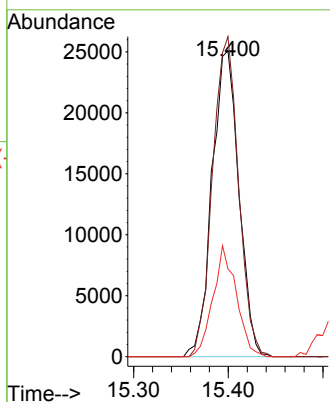
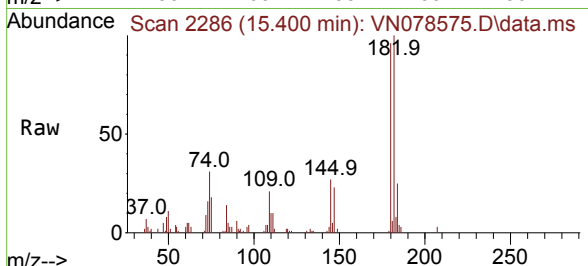




#93  
 1,2,4-Trichlorobenzene  
 Concen: 15.380 ug/l  
 RT: 15.400 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

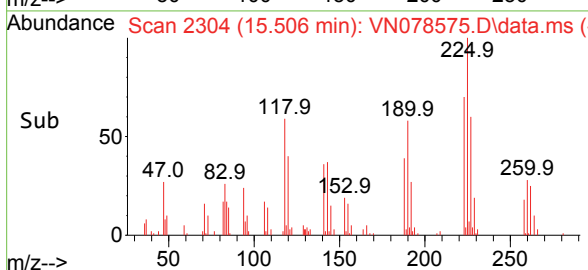
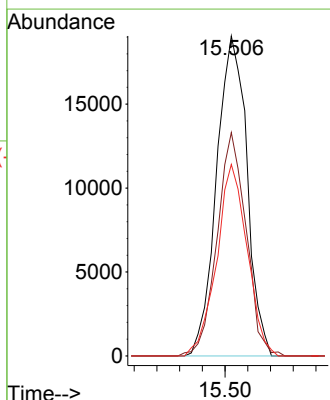
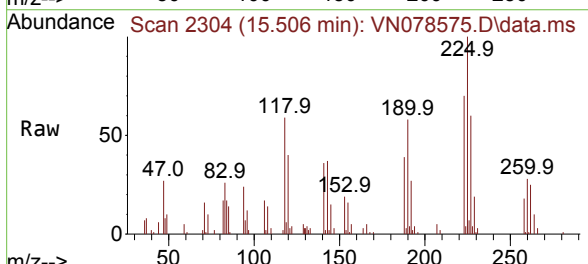
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0719WBSD01

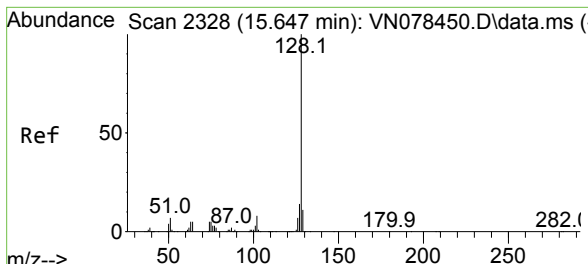
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 49395 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 100.9 | 46.1  | 138.2 |
| 145       | 31.5  | 16.6  | 49.8  |



#94  
 Hexachlorobutadiene  
 Concen: 18.700 ug/l  
 RT: 15.506 min Scan# 2304  
 Delta R.T. -0.000 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 35374 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 66.7  | 31.3  | 93.8  |
| 227       | 60.2  | 31.9  | 95.9  |

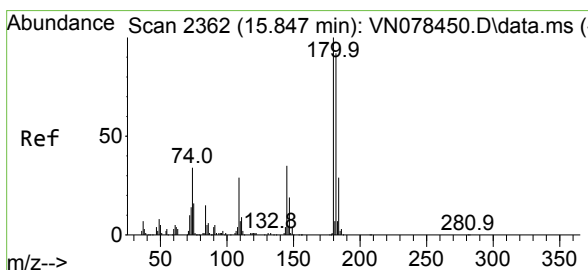
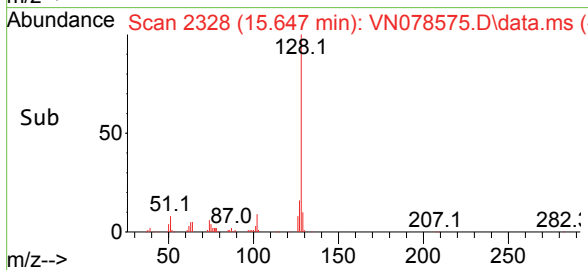
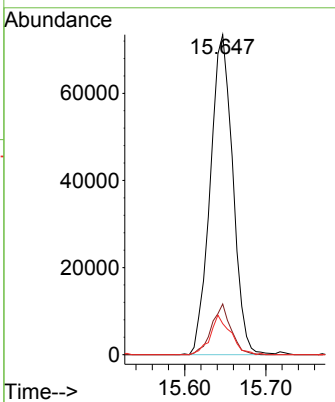
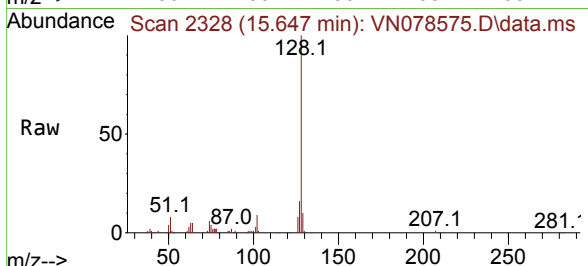




#95  
 Naphthalene  
 Concen: 12.944 ug/l  
 RT: 15.647 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0719WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 142117 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.6  | 10.0  | 15.0   |
| 129      | 11.2  | 8.7   | 13.1   |



#96  
 1,2,3-Trichlorobenzene  
 Concen: 15.993 ug/l  
 RT: 15.841 min Scan# 2361  
 Delta R.T. -0.006 min  
 Lab File: VN078575.D  
 Acq: 19 Jul 2023 13:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 59060 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 90.4  | 46.2  | 138.6 |
| 145      | 33.5  | 17.5  | 52.6  |

