

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012624\  
 Data File : VN080778.D  
 Acq On : 26 Jan 2024 19:00  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Jan 29 02:35:31 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 06:34:36 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.229  | 168  | 117084   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 247617   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 208250   | 50.000 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 81493    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 105167   | 51.148   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 102.300% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 74760    | 53.138   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.280% |      |
| 50) Toluene-d8              | 10.570 | 98    | 300134   | 55.947   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 111.900% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 105898   | 51.477   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 102.960% |      |

|                              |       |     |         |         |      |      |
|------------------------------|-------|-----|---------|---------|------|------|
| Target Compounds             |       |     |         | Qvalue  |      |      |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 92592   | 48.677  | ug/l | 98   |
| 3) Chloromethane             | 2.359 | 50  | 133105  | 61.804  | ug/l | 98   |
| 4) Vinyl Chloride            | 2.506 | 62  | 97313   | 56.387  | ug/l | 92   |
| 5) Bromomethane              | 2.930 | 94  | 37164   | 56.656  | ug/l | 89   |
| 6) Chloroethane              | 3.106 | 64  | 56027   | 60.612  | ug/l | 98   |
| 7) Trichlorofluoromethane    | 3.489 | 101 | 136411  | 47.863  | ug/l | 97   |
| 8) Diethyl Ether             | 3.953 | 74  | 66827   | 53.653  | ug/l | # 54 |
| 9) 1,1,2-Trichlorotrifluo... | 4.365 | 101 | 80231   | 51.649  | ug/l | 92   |
| 10) Methyl Iodide            | 4.577 | 142 | 66204   | 50.968  | ug/l | 93   |
| 11) Tert butyl alcohol       | 5.524 | 59  | 121365  | 349.024 | ug/l | 99   |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 83738   | 47.903  | ug/l | # 71 |
| 13) Acrolein                 | 4.177 | 56  | 88153   | 303.407 | ug/l | 96   |
| 14) Allyl chloride           | 5.024 | 41  | 175929  | 50.770  | ug/l | # 89 |
| 15) Acrylonitrile            | 5.718 | 53  | 296494  | 326.522 | ug/l | 99   |
| 16) Acetone                  | 4.424 | 43  | 208826  | 309.356 | ug/l | 97   |
| 17) Carbon Disulfide         | 4.712 | 76  | 253618  | 47.435  | ug/l | 96   |
| 18) Methyl Acetate           | 5.024 | 43  | 157889  | 78.547  | ug/l | # 80 |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 319253  | 53.001  | ug/l | 93   |
| 20) Methylene Chloride       | 5.271 | 84  | 100184  | 50.839  | ug/l | # 68 |
| 21) trans-1,2-Dichloroethene | 5.788 | 96  | 94084   | 53.062  | ug/l | # 84 |
| 22) Diisopropyl ether        | 6.671 | 45  | 399113  | 61.079  | ug/l | # 88 |
| 23) Vinyl Acetate            | 6.606 | 43  | 1554784 | 292.340 | ug/l | # 83 |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 199500  | 55.774  | ug/l | 97   |
| 25) 2-Butanone               | 7.482 | 43  | 400501  | 328.230 | ug/l | # 76 |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 151518  | 48.435  | ug/l | 100  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 109174  | 55.854  | ug/l | 77   |
| 28) Bromochloromethane       | 7.812 | 49  | 97567   | 58.346  | ug/l | # 55 |
| 29) Tetrahydrofuran          | 7.841 | 42  | 280698  | 341.303 | ug/l | # 68 |
| 30) Chloroform               | 7.971 | 83  | 182014  | 54.279  | ug/l | 94   |
| 31) Cyclohexane              | 8.259 | 56  | 171246  | 53.909  | ug/l | # 83 |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 148822  | 49.858  | ug/l | # 90 |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 142674  | 49.506  | ug/l | 94   |
| 37) Ethyl Acetate            | 7.559 | 43  | 168345  | 60.239  | ug/l | # 89 |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 120782  | 46.677  | ug/l | 95   |
| 39) Methylcyclohexane        | 9.606 | 83  | 140868  | 51.078  | ug/l | # 83 |
| 40) Benzene                  | 8.606 | 78  | 438369  | 54.108  | ug/l | 100  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012624\  
 Data File : VN080778.D  
 Acq On : 26 Jan 2024 19:00  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 29 02:35:31 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 06:34:36 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.782  | 41   | 93891    | 57.921   | ug/l # | 82       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 145003   | 46.751   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 292479   | 56.937   | ug/l # | 87       |
| 44) Trichloroethene           | 9.359  | 130  | 87442    | 47.676   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.623  | 63   | 121244   | 56.447   | ug/l   | 98       |
| 46) Dibromomethane            | 9.706  | 93   | 69315    | 51.007   | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.894  | 83   | 144720   | 47.980   | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.682  | 41   | 135120   | 55.558   | ug/l # | 75       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 40425    | 1334.004 | ug/l # | 73       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 872440   | 314.815  | ug/l # | 85       |
| 52) Toluene                   | 10.635 | 92   | 253044   | 54.514   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 168158   | 50.229   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 183057   | 51.561   | ug/l # | 84       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 97309    | 54.464   | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 180933   | 56.539   | ug/l # | 77       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 186347   | 57.130   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 462282   | 301.599  | ug/l # | 83       |
| 59) 2-Hexanone                | 11.200 | 43   | 648710   | 317.094  | ug/l   | 85       |
| 60) Dibromochloromethane      | 11.359 | 129  | 94679    | 51.562   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 96578    | 54.989   | ug/l   | 95       |
| 64) Tetrachloroethene         | 11.106 | 164  | 69323    | 48.473   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 248594   | 54.638   | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.964 | 131  | 84076    | 52.047   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.964 | 91   | 472689   | 54.408   | ug/l   | 95       |
| 68) m/p-Xylenes               | 12.076 | 106  | 342184   | 112.030  | ug/l   | 89       |
| 69) o-Xylene                  | 12.400 | 106  | 170965   | 57.246   | ug/l   | 94       |
| 70) Styrene                   | 12.417 | 104  | 280736   | 55.357   | ug/l   | 94       |
| 71) Bromoform                 | 12.582 | 173  | 59368    | 53.420   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.700 | 105  | 419515   | 54.135   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.500 | 43   | 270125   | 58.084   | ug/l # | 84       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 149557   | 58.834   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 200735   | 79.881   | ug/l   | 66       |
| 77) Bromobenzene              | 12.982 | 156  | 86725    | 52.690   | ug/l   | 70       |
| 78) n-propylbenzene           | 13.041 | 91   | 509124   | 53.556   | ug/l   | 94       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 305814   | 50.197   | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 333853   | 51.694   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 60956    | 57.184   | ug/l # | 89       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 309482   | 51.818   | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 266215   | 51.562   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 333234   | 52.474   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 395202   | 53.873   | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 304175   | 52.501   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 156269   | 53.155   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 156887   | 52.383   | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.058 | 91   | 286838   | 51.364   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 53988    | 50.247   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.111 | 146  | 150368   | 54.279   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 28223    | 48.497   | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 72940    | 50.555   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.505 | 225  | 28308    | 40.884   | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 287498   | 50.632   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 67354    | 48.229   | ug/l   | 94       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012624\  
Data File : VN080778.D  
Acq On : 26 Jan 2024 19:00  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 17 Sample Multiplier: 1

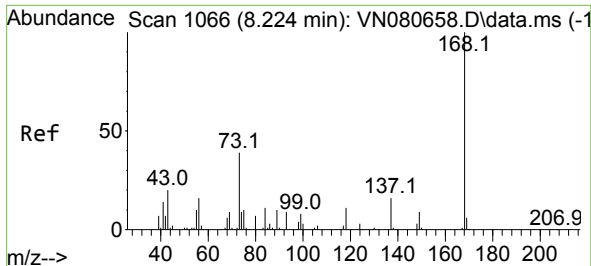
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jan 29 02:35:31 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 06:34:36 2024  
Response via : Initial Calibration

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

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

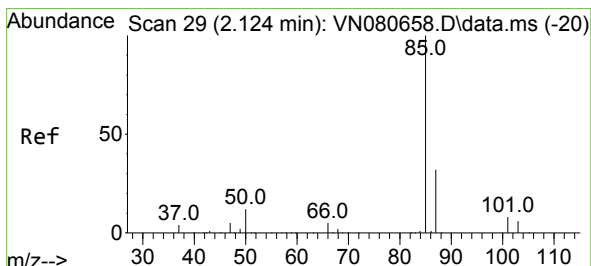
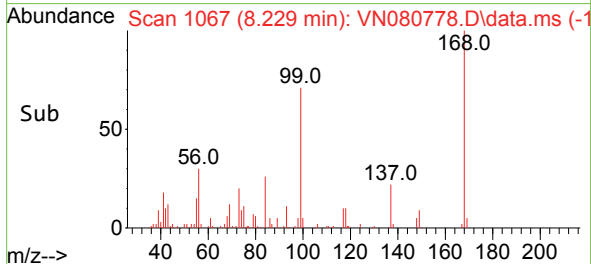
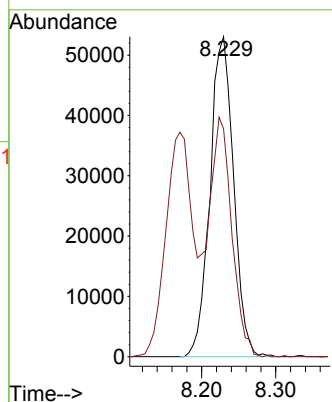
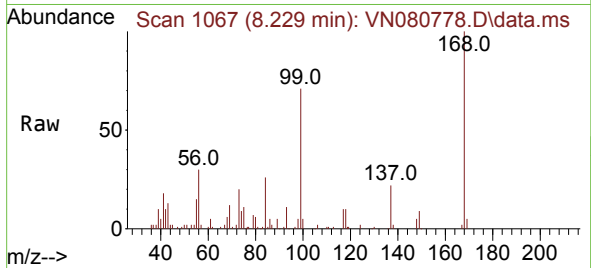




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 10  
Delta R.T. 0.005 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

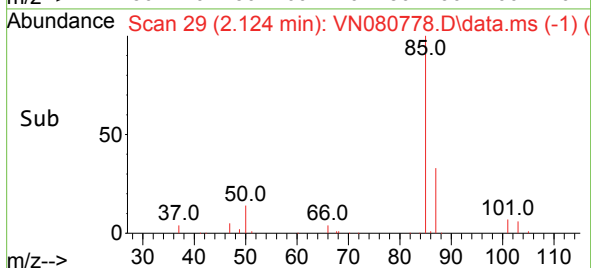
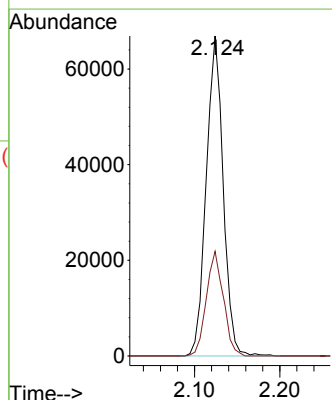
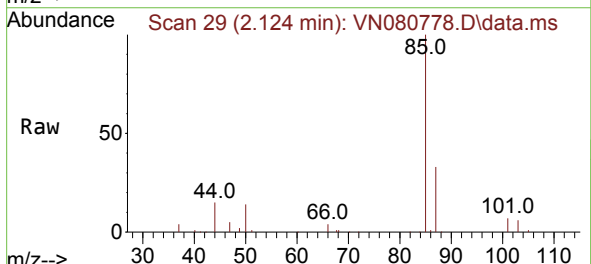
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

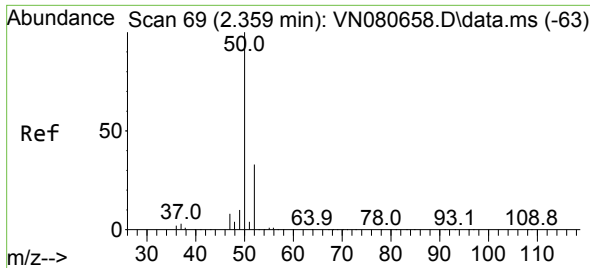
Tgt Ion:168 Resp: 117084  
Ion Ratio Lower Upper  
168 100  
99 71.2 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 48.677 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 85 Resp: 92592  
Ion Ratio Lower Upper  
85 100  
87 32.7 15.8 47.4

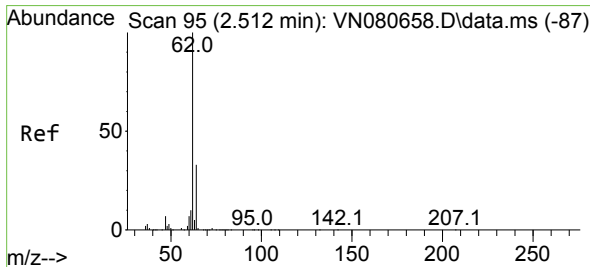
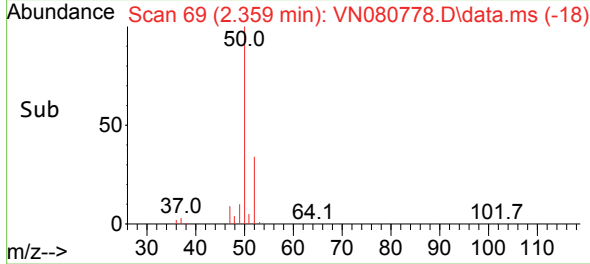
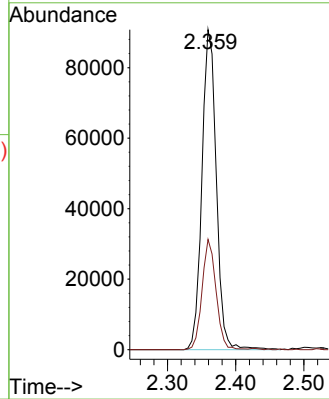
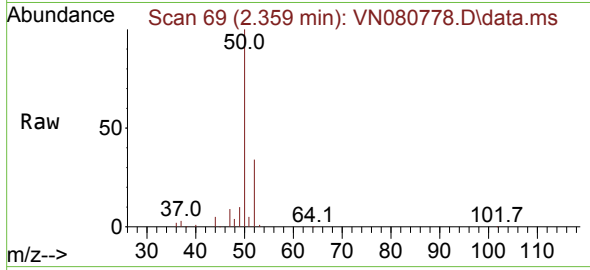




#3  
Chloromethane  
Concen: 61.804 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

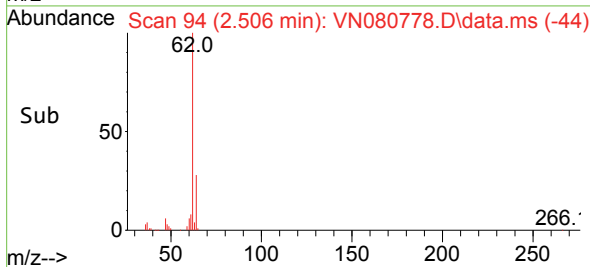
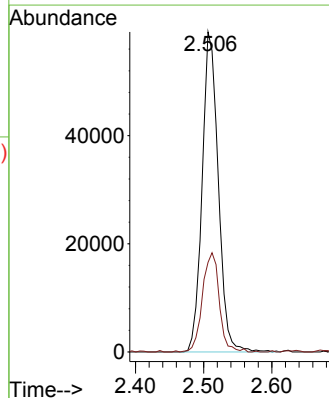
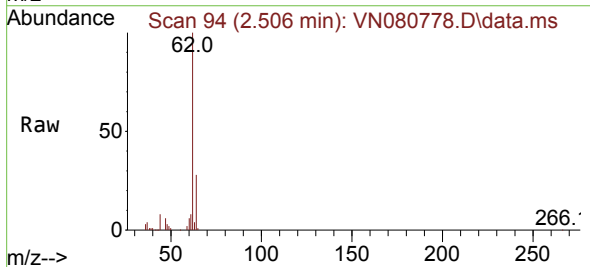
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

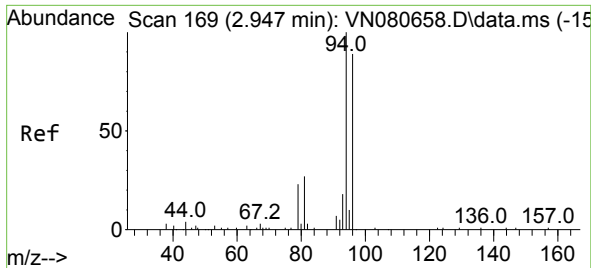
Tgt Ion: 50 Resp: 133105  
Ion Ratio Lower Upper  
50 100  
52 34.5 26.5 39.7



#4  
Vinyl Chloride  
Concen: 56.387 ug/l  
RT: 2.506 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 62 Resp: 97313  
Ion Ratio Lower Upper  
62 100  
64 28.0 26.2 39.2

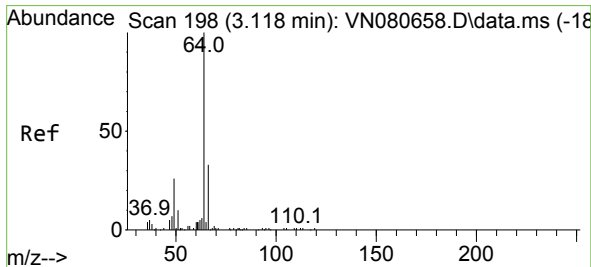
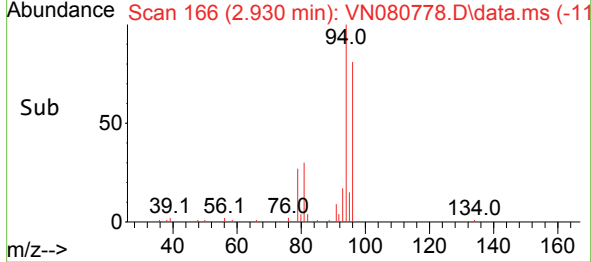
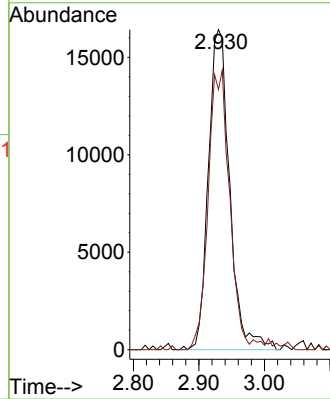
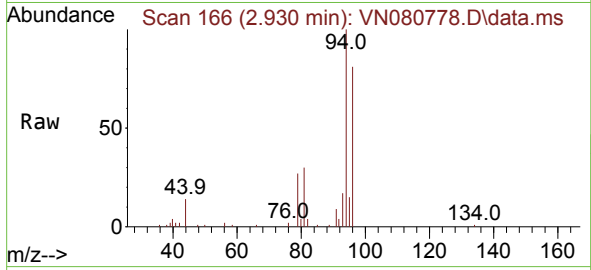




#5  
Bromomethane  
Concen: 56.656 ug/l  
RT: 2.930 min Scan# 1  
Delta R.T. -0.018 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

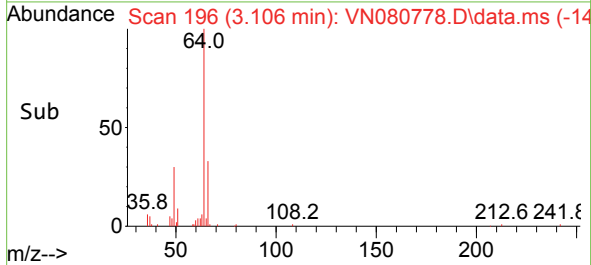
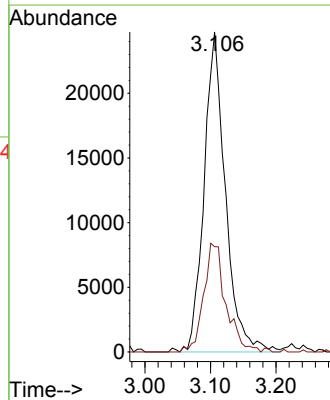
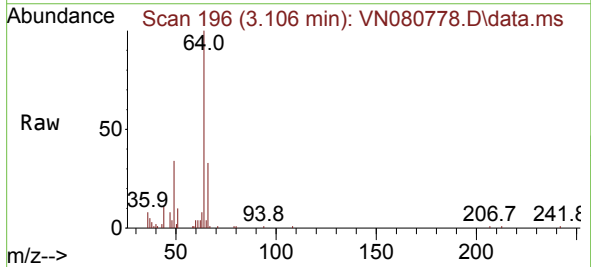
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

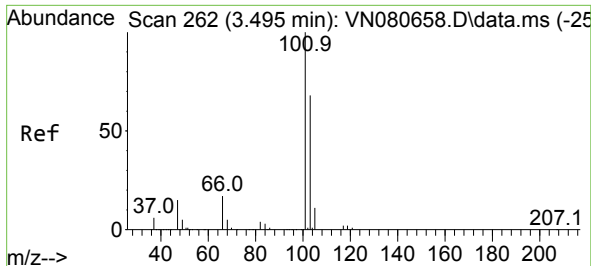
Tgt Ion: 94 Resp: 37164  
Ion Ratio Lower Upper  
94 100  
96 81.3 73.1 109.7



#6  
Chloroethane  
Concen: 60.612 ug/l  
RT: 3.106 min Scan# 196  
Delta R.T. -0.012 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 64 Resp: 56027  
Ion Ratio Lower Upper  
64 100  
66 32.9 25.4 38.2

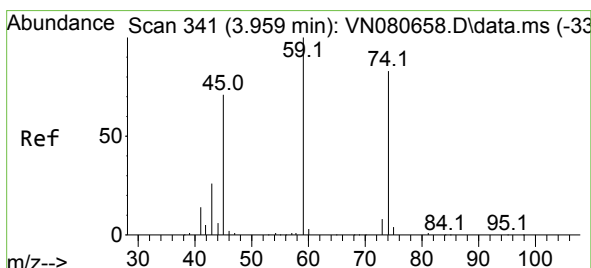
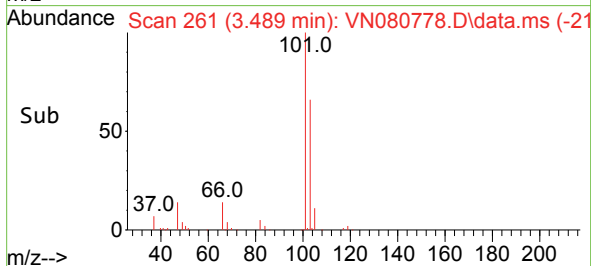
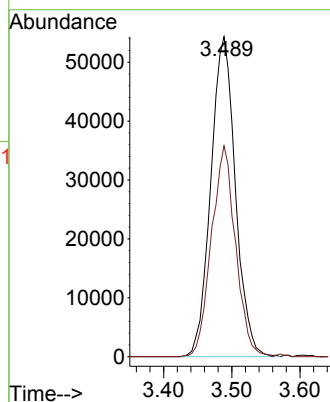
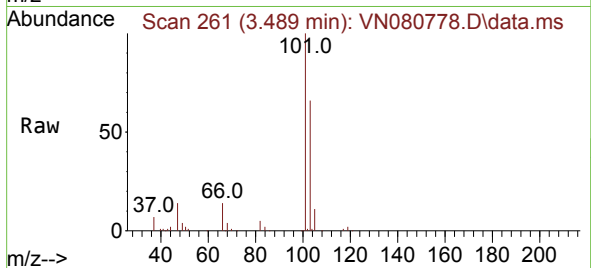




#7  
Trichlorofluoromethane  
Concen: 47.863 ug/l  
RT: 3.489 min Scan# 210  
Delta R.T. -0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

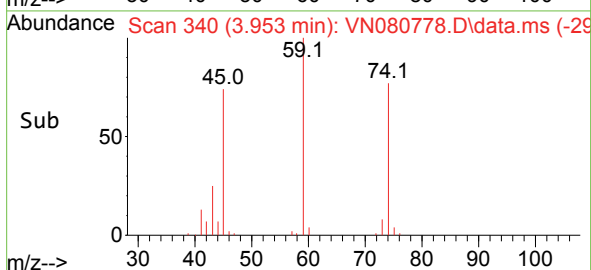
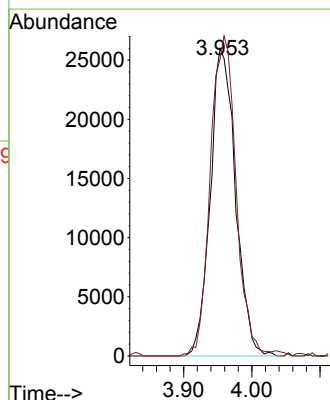
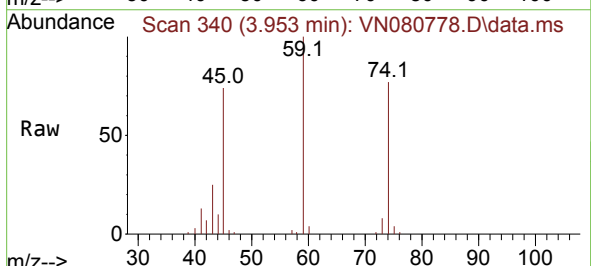
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

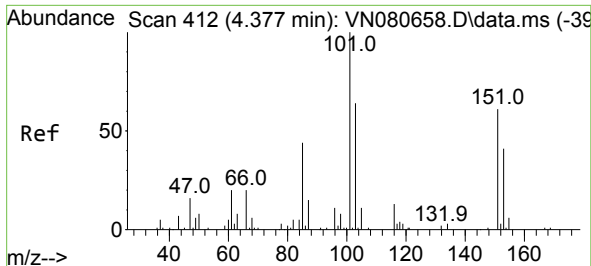
Tgt Ion:101 Resp: 136411  
Ion Ratio Lower Upper  
101 100  
103 65.9 50.7 76.1



#8  
Diethyl Ether  
Concen: 53.653 ug/l  
RT: 3.953 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 74 Resp: 66827  
Ion Ratio Lower Upper  
74 100  
45 106.1 34.4 103.3#

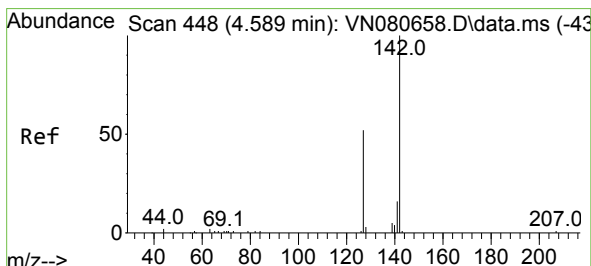
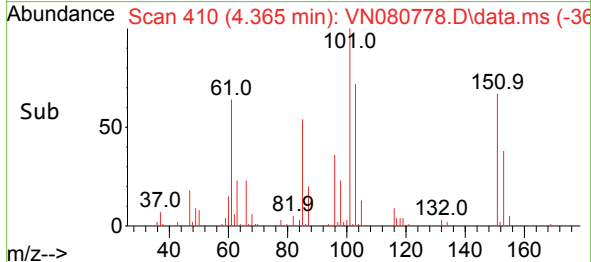
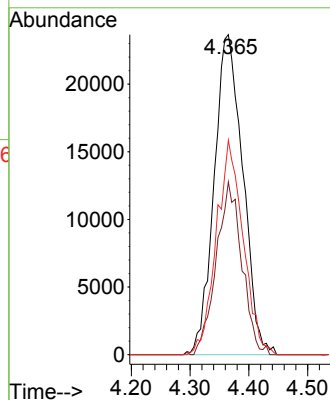
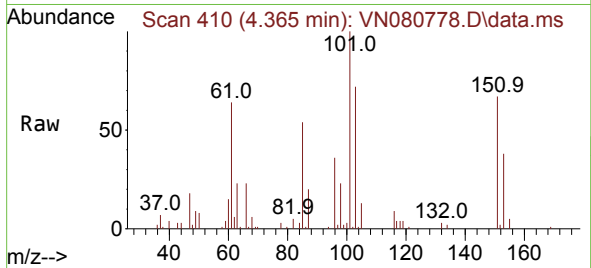




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.649 ug/l  
RT: 4.365 min Scan# 412  
Delta R.T. -0.012 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

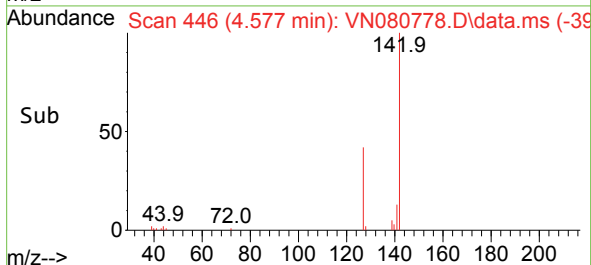
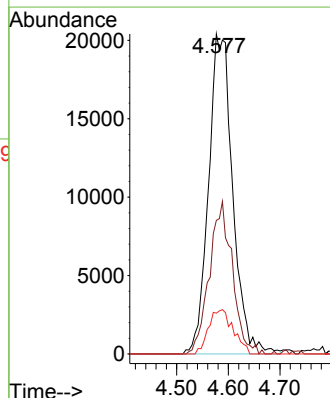
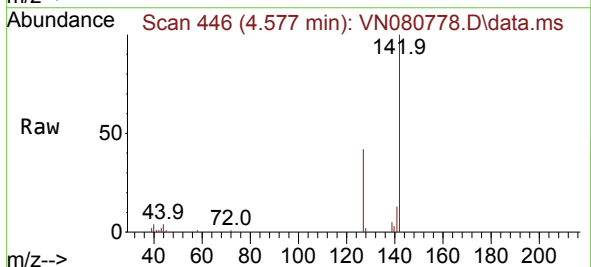
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

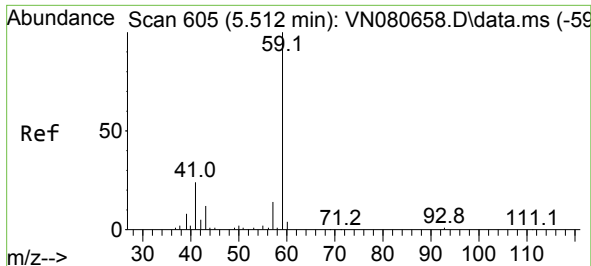
Tgt Ion:101 Resp: 80231  
Ion Ratio Lower Upper  
101 100  
85 48.3 36.6 55.0  
151 62.6 57.6 86.4



#10  
Methyl Iodide  
Concen: 50.968 ug/l  
RT: 4.577 min Scan# 446  
Delta R.T. -0.012 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion:142 Resp: 66204  
Ion Ratio Lower Upper  
142 100  
127 41.7 37.6 56.4  
141 12.8 11.4 17.0

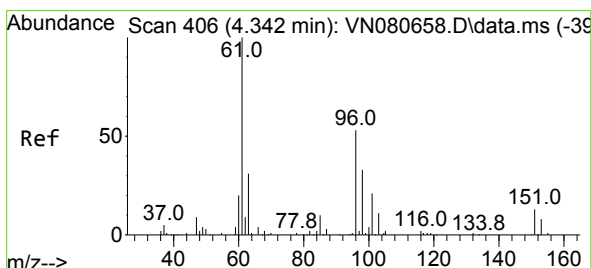
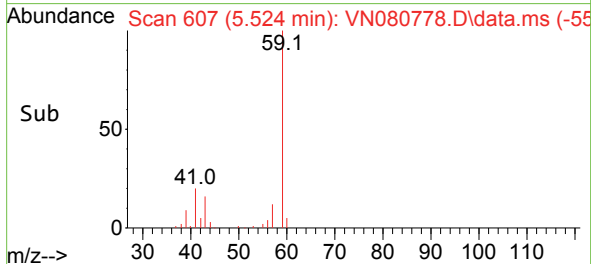
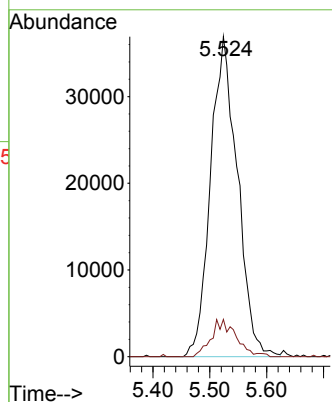
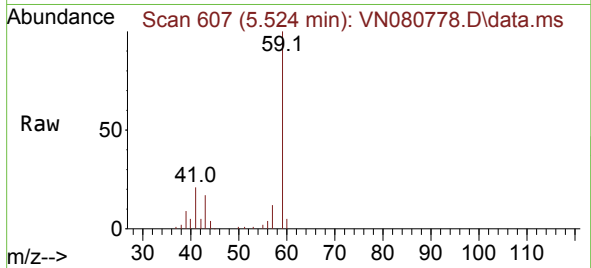




#11  
Tert butyl alcohol  
Concen: 349.024 ug/l  
RT: 5.524 min Scan# 605  
Delta R.T. 0.012 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

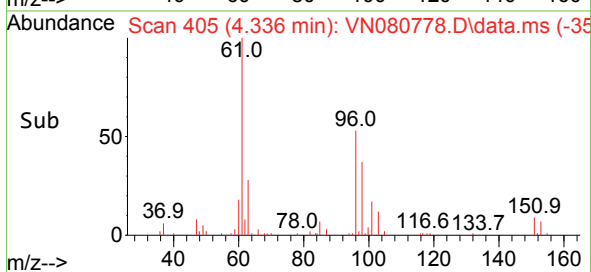
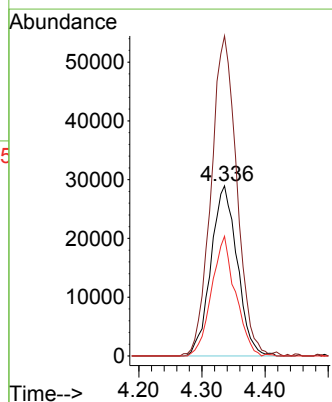
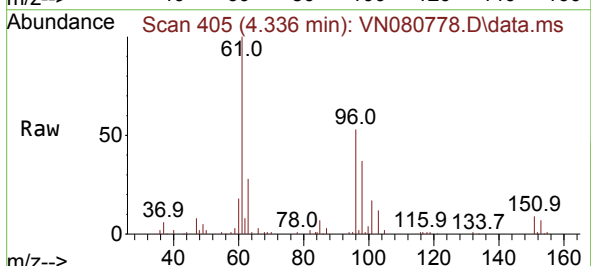
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

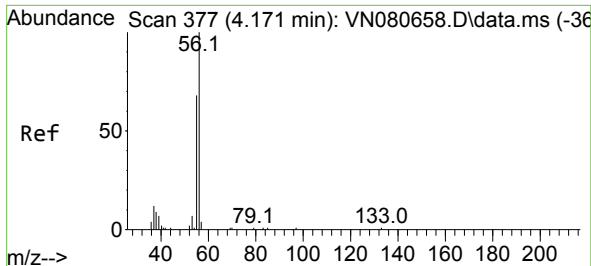
Tgt Ion: 59 Resp: 121365  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 47.903 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 96 Resp: 83738  
Ion Ratio Lower Upper  
96 100  
61 188.2 112.7 169.1#  
98 70.4 51.2 76.8





#13

Acrolein

Concen: 303.407 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA\_N

ClientSampleId :

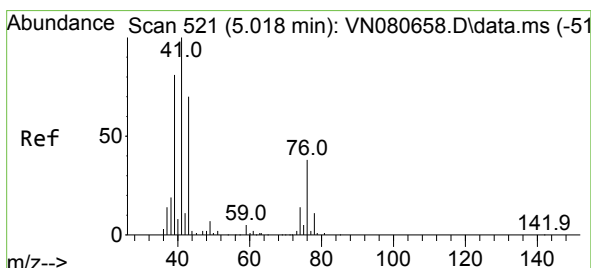
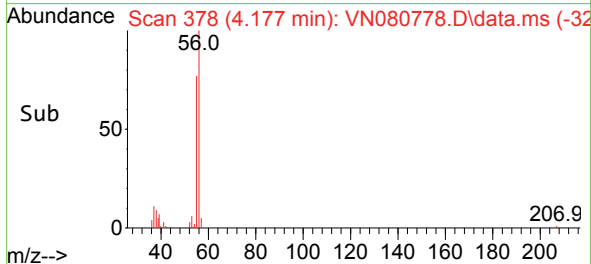
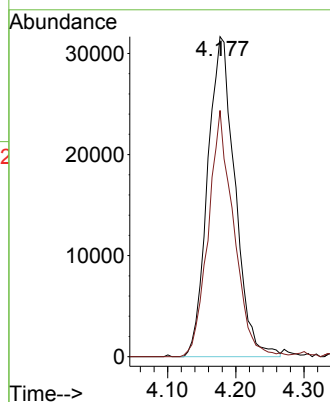
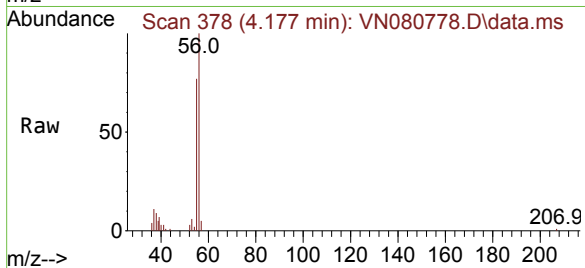
VSTDCCC050EC

Tgt Ion: 56 Resp: 88153

Ion Ratio Lower Upper

56 100

55 71.7 54.5 81.7



#14

Allyl chloride

Concen: 50.770 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

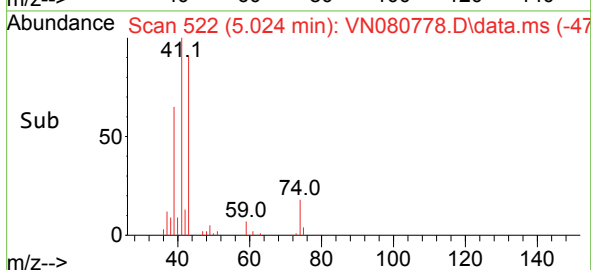
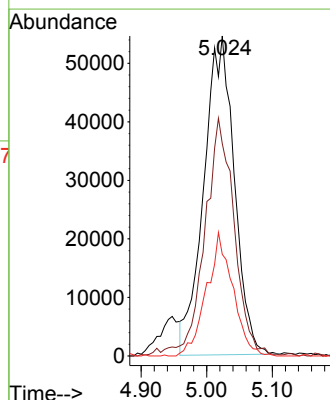
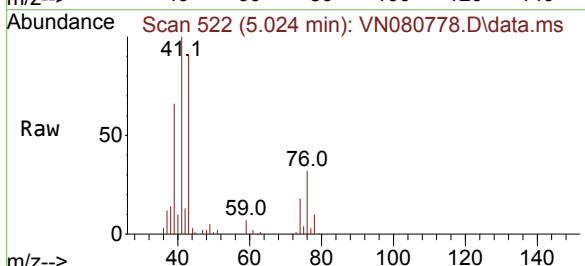
Tgt Ion: 41 Resp: 175929

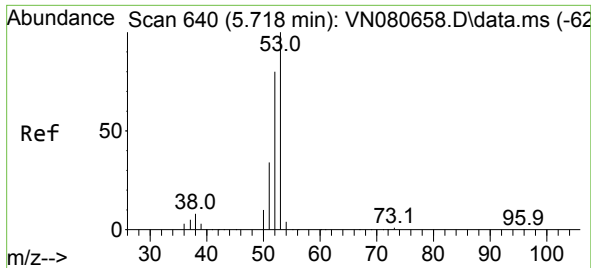
Ion Ratio Lower Upper

41 100

39 70.7 58.8 88.2

76 33.5 39.1 58.7#

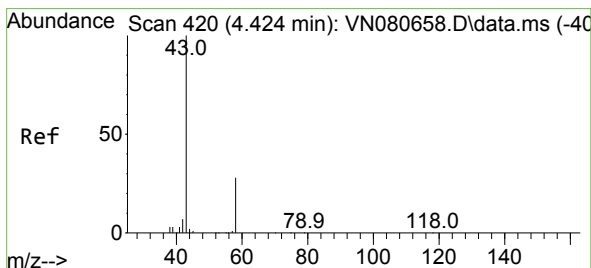
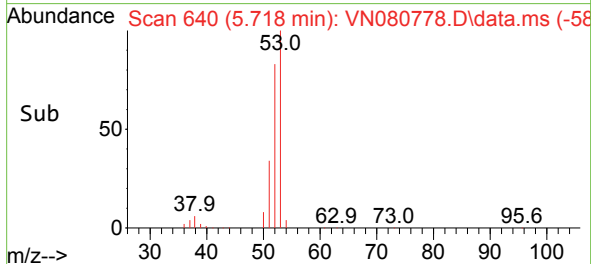
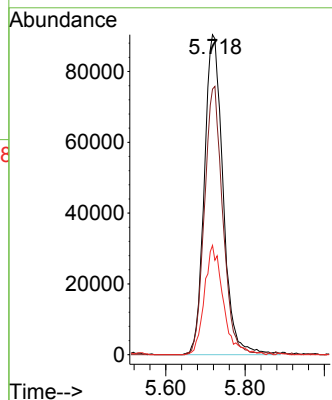
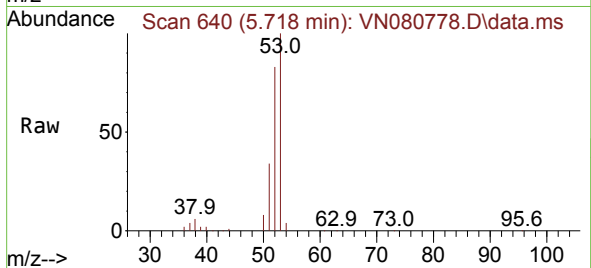




#15  
Acrylonitrile  
Concen: 326.522 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

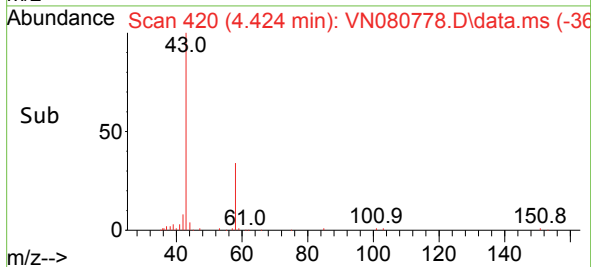
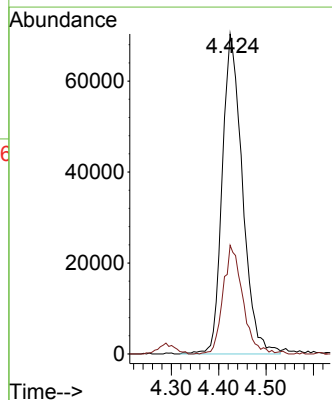
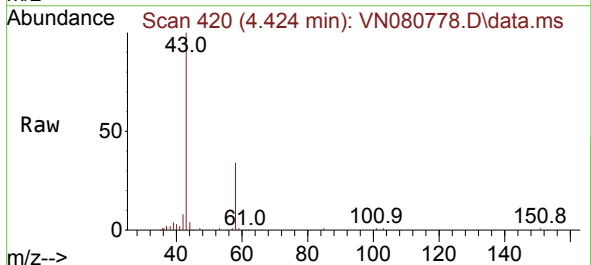
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

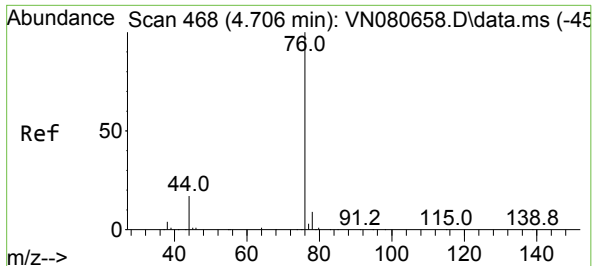
Tgt Ion: 53 Resp: 296494  
Ion Ratio Lower Upper  
53 100  
52 82.1 65.3 97.9  
51 34.5 28.9 43.3



#16  
Acetone  
Concen: 309.356 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 43 Resp: 208826  
Ion Ratio Lower Upper  
43 100  
58 33.4 28.0 42.0

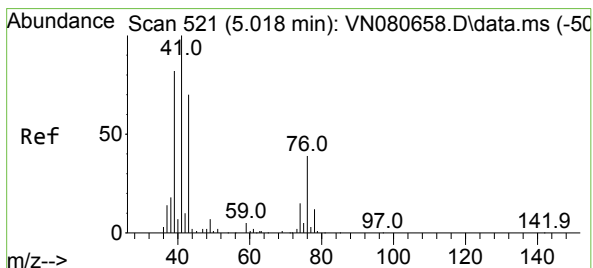
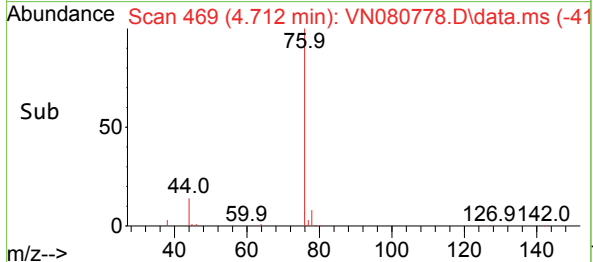
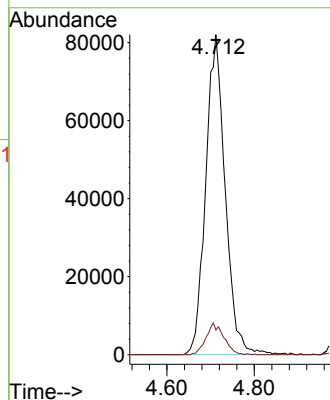
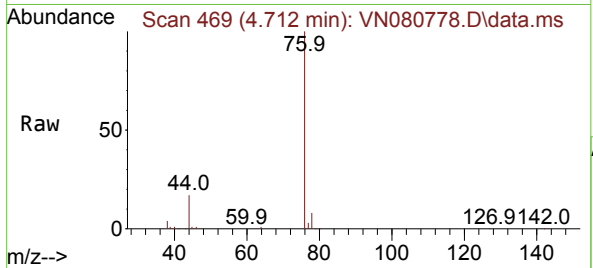




#17  
Carbon Disulfide  
Concen: 47.435 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

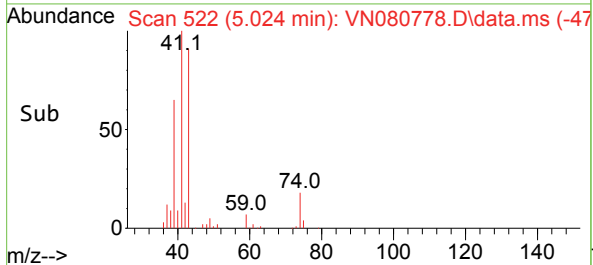
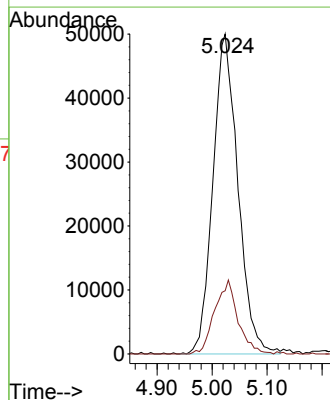
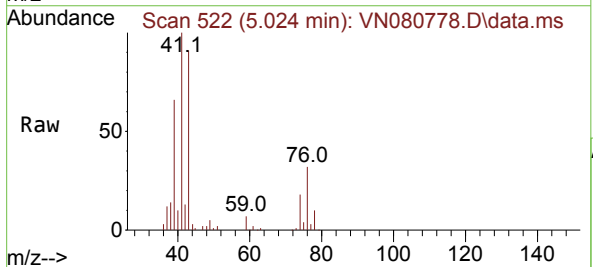
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

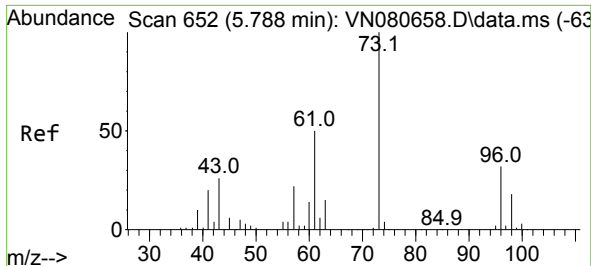
Tgt Ion: 76 Resp: 253618  
Ion Ratio Lower Upper  
76 100  
78 7.8 7.4 11.0



#18  
Methyl Acetate  
Concen: 78.547 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 43 Resp: 157889  
Ion Ratio Lower Upper  
43 100  
74 21.4 26.2 39.4#

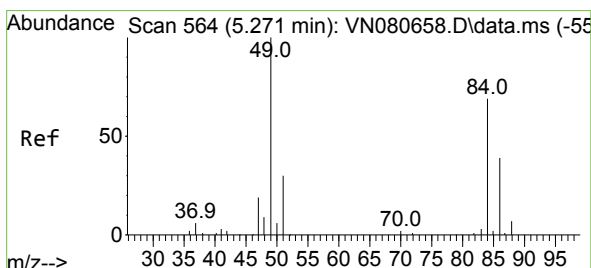
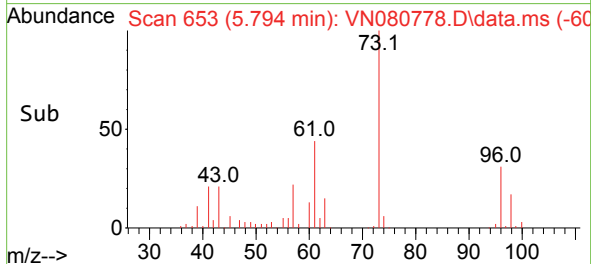
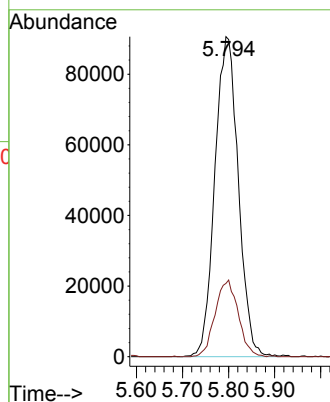
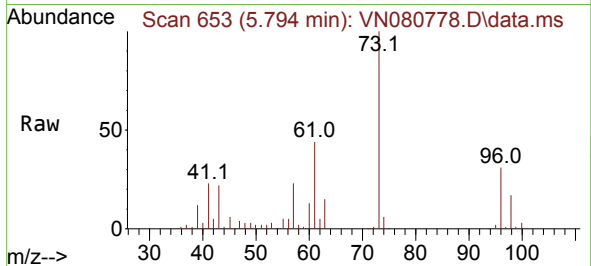




#19  
Methyl tert-butyl Ether  
Concen: 53.001 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

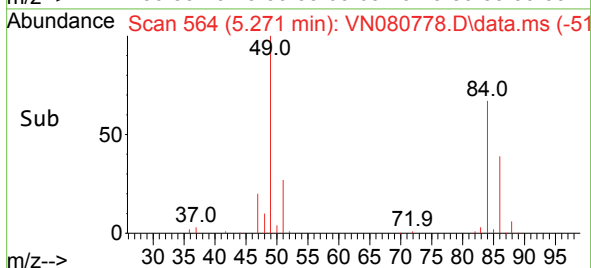
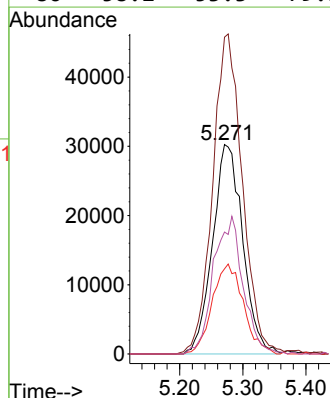
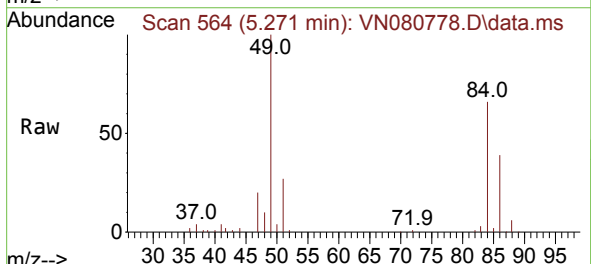
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ClientSampleId :  
VSTDCCC050EC

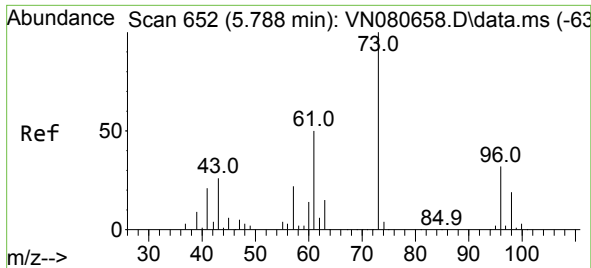
Tgt Ion: 73 Resp: 319253  
Ion Ratio Lower Upper  
73 100  
57 22.9 15.6 23.4



#20  
Methylene Chloride  
Concen: 50.839 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 84 Resp: 100184  
Ion Ratio Lower Upper  
84 100  
49 150.6 79.7 119.5#  
51 40.7 25.2 37.8#  
86 58.2 53.3 79.9

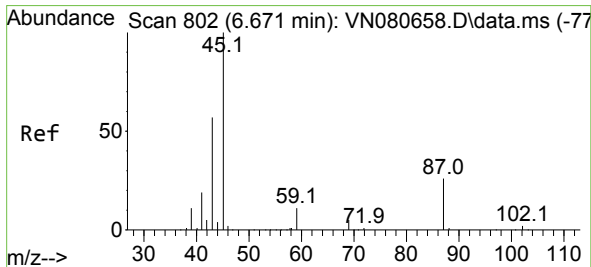
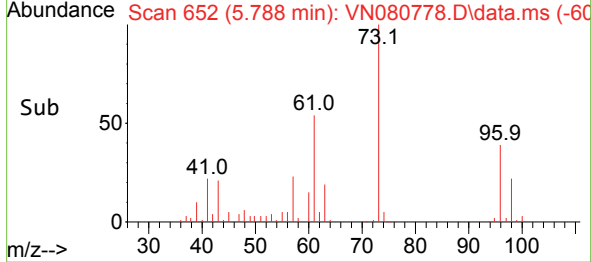
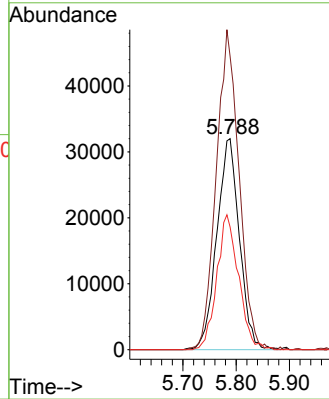
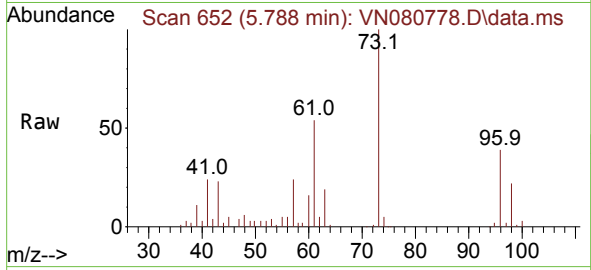




#21  
trans-1,2-Dichloroethene  
Concen: 53.062 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

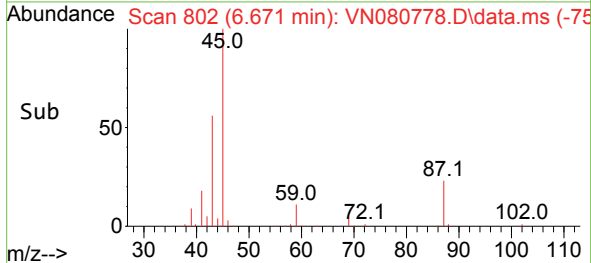
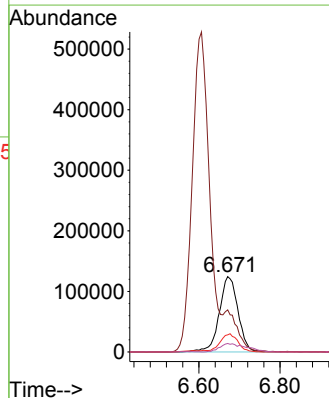
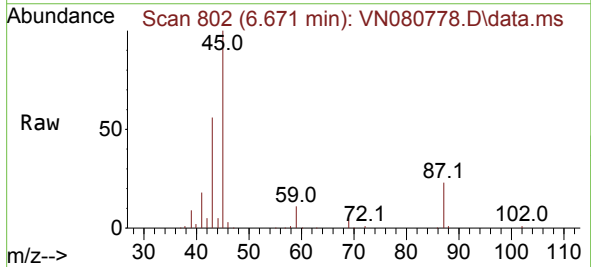
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

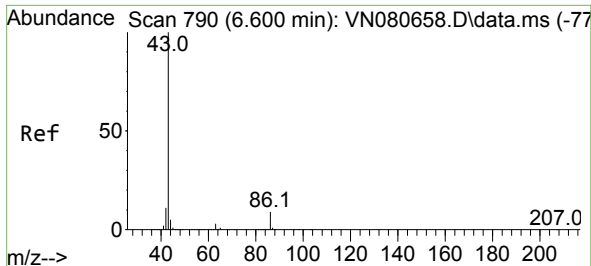
Tgt Ion: 96 Resp: 94084  
Ion Ratio Lower Upper  
96 100  
61 138.8 90.1 135.1#  
98 58.0 46.4 69.6



#22  
Diisopropyl ether  
Concen: 61.079 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 45 Resp: 399113  
Ion Ratio Lower Upper  
45 100  
43 55.2 45.5 68.3  
87 22.7 31.8 47.8#  
59 11.1 11.6 17.4#

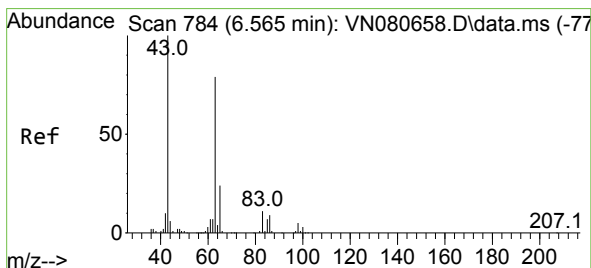
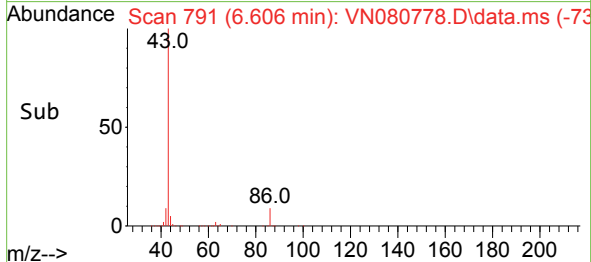
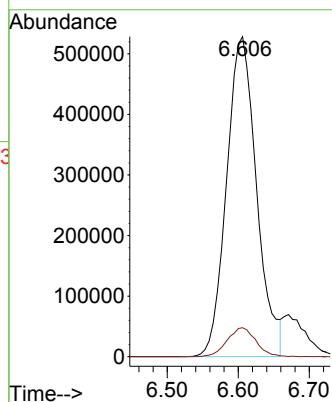
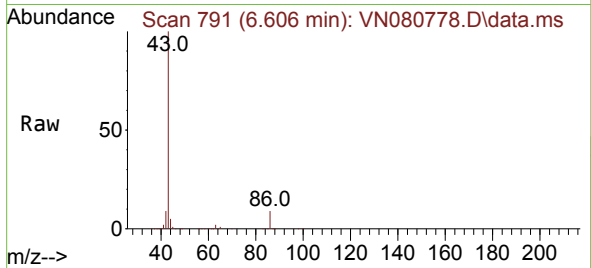




#23  
 Vinyl Acetate  
 Concen: 292.340 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN080778.D  
 Acq: 26 Jan 2024 19:00

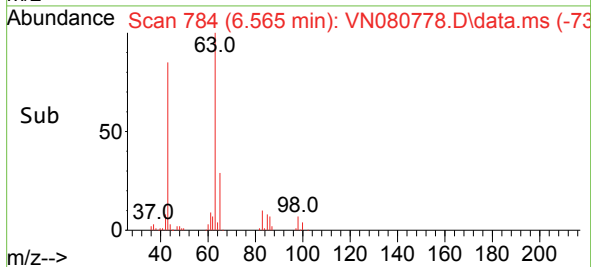
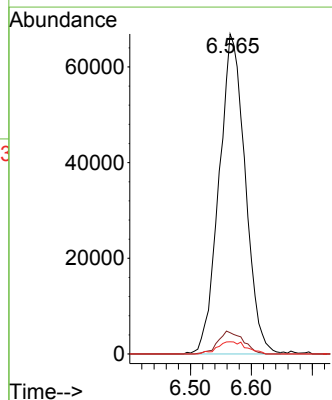
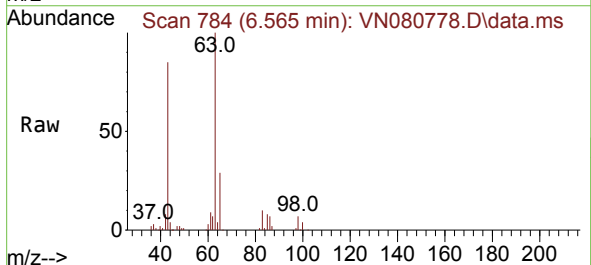
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

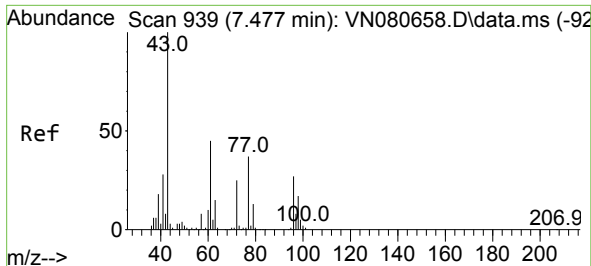
Tgt Ion: 43 Resp: 1554784  
 Ion Ratio Lower Upper  
 43 100  
 86 9.1 13.0 19.6#



#24  
 1,1-Dichloroethane  
 Concen: 55.774 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VN080778.D  
 Acq: 26 Jan 2024 19:00

Tgt Ion: 63 Resp: 199500  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.9 11.7  
 100 3.8 2.5 7.4

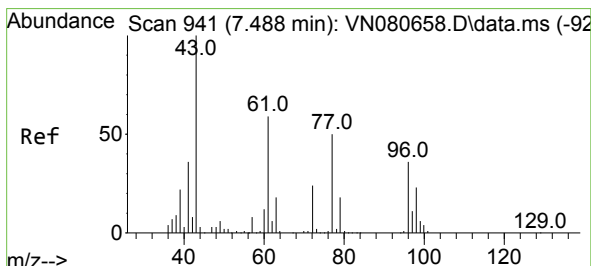
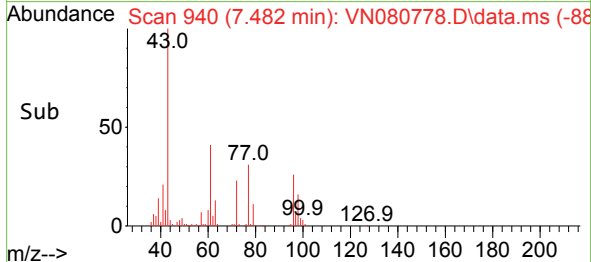
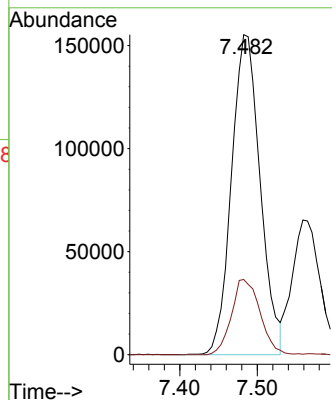
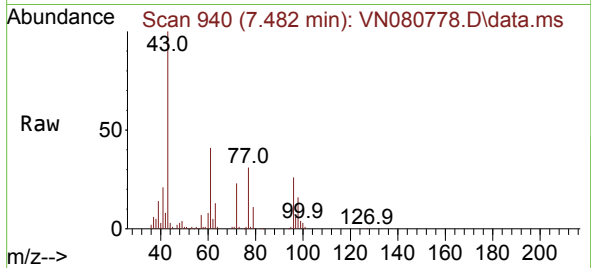




#25  
2-Butanone  
Concen: 328.230 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

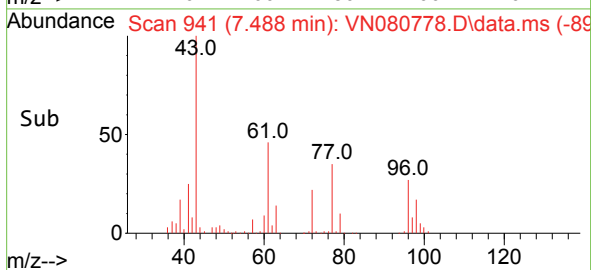
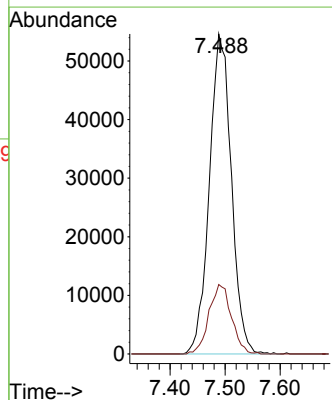
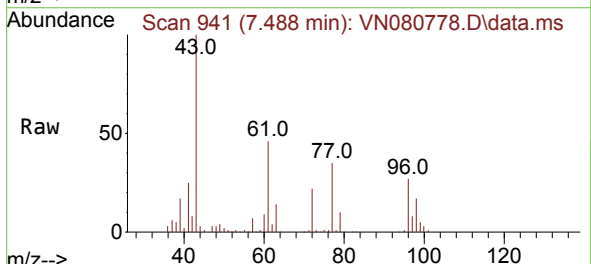
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

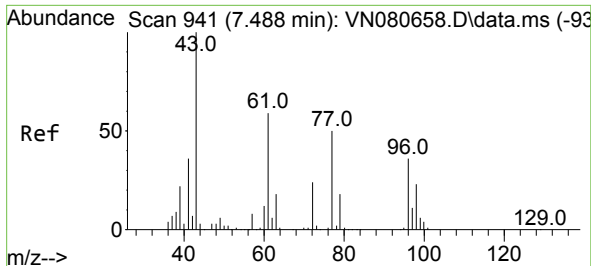
Tgt Ion: 43 Resp: 400501  
Ion Ratio Lower Upper  
43 100  
72 23.5 30.2 45.2#



#26  
2,2-Dichloropropane  
Concen: 48.435 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 77 Resp: 151518  
Ion Ratio Lower Upper  
77 100  
97 22.2 11.2 33.6

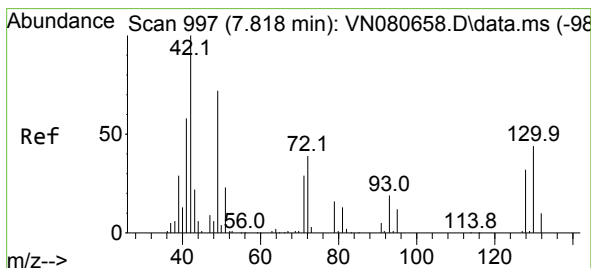
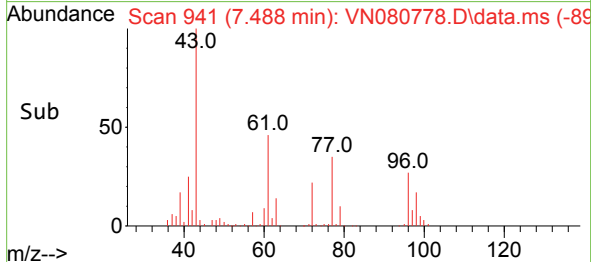
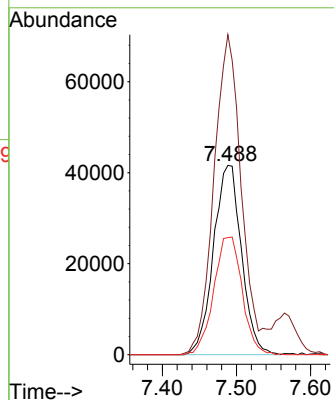
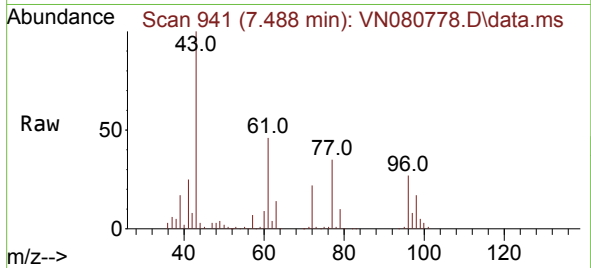




#27  
 cis-1,2-Dichloroethene  
 Concen: 55.854 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. -0.000 min  
 Lab File: VN080778.D  
 Acq: 26 Jan 2024 19:00

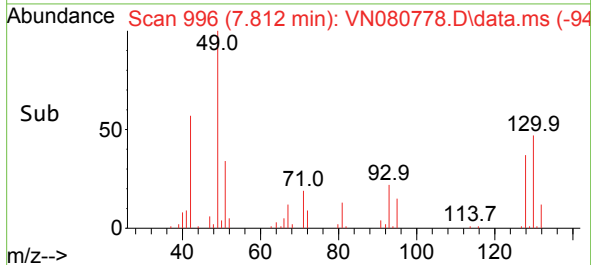
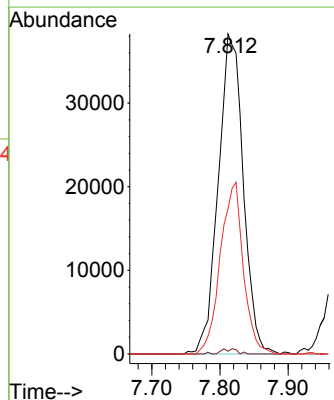
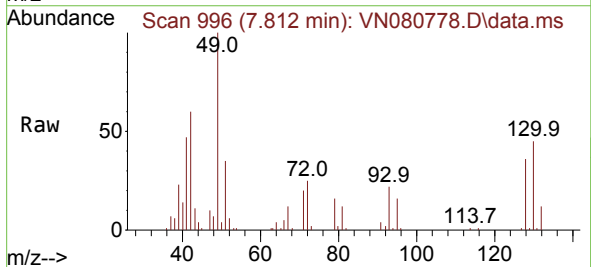
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

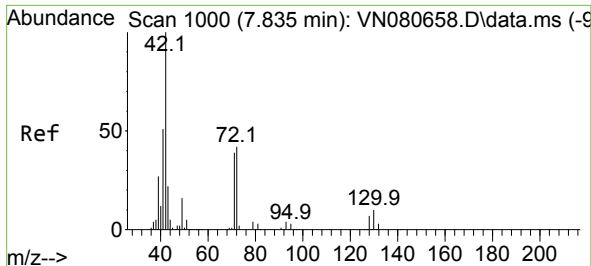
Tgt Ion: 96 Resp: 109174  
 Ion Ratio Lower Upper  
 96 100  
 61 166.3 0.0 255.2  
 98 63.1 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 58.346 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.006 min  
 Lab File: VN080778.D  
 Acq: 26 Jan 2024 19:00

Tgt Ion: 49 Resp: 97567  
 Ion Ratio Lower Upper  
 49 100  
 129 1.0 0.0 4.8  
 130 49.4 75.3 112.9#

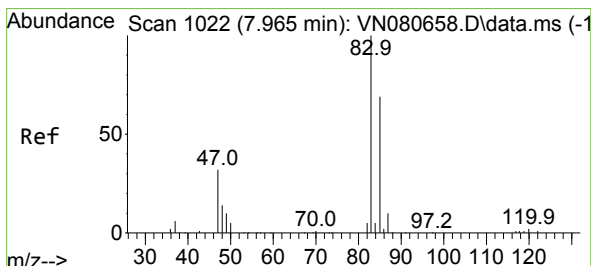
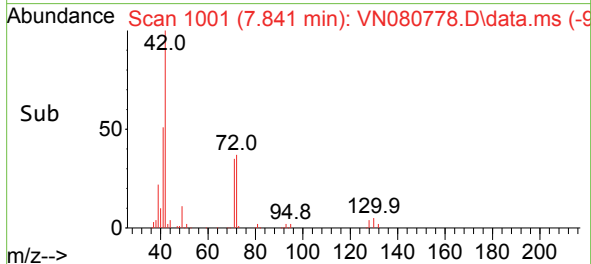
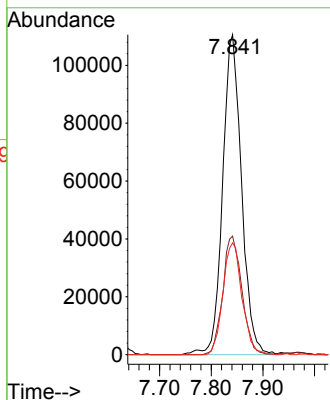
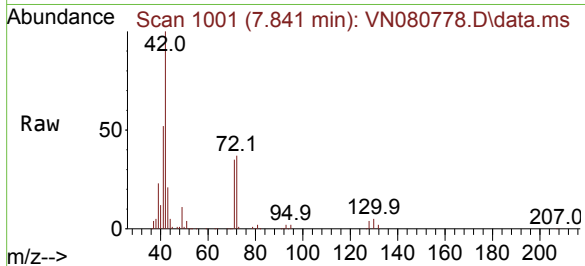




#29  
Tetrahydrofuran  
Concen: 341.303 ug/l  
RT: 7.841 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

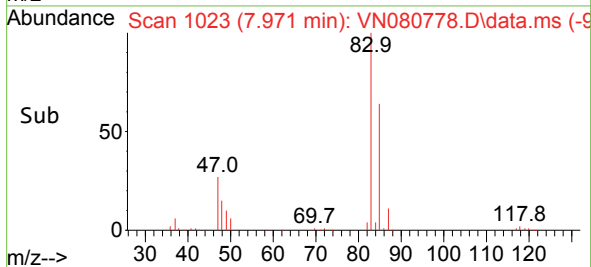
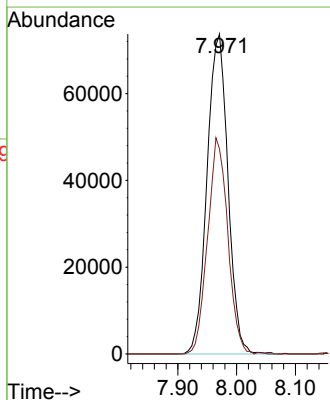
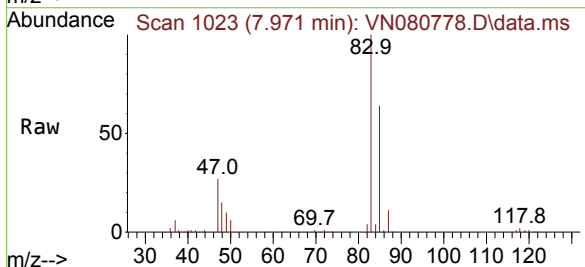
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

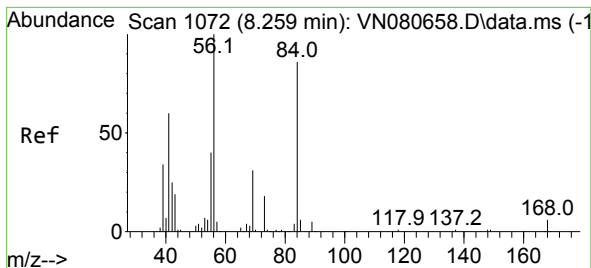
Tgt Ion: 42 Resp: 280698  
Ion Ratio Lower Upper  
42 100  
72 37.5 49.8 74.6#  
71 35.3 47.4 71.2#



#30  
Chloroform  
Concen: 54.279 ug/l  
RT: 7.971 min Scan# 1023  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 83 Resp: 182014  
Ion Ratio Lower Upper  
83 100  
85 64.1 55.4 83.0





#31

Cyclohexane

Concen: 53.909 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

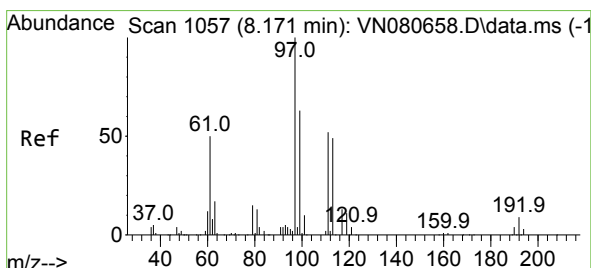
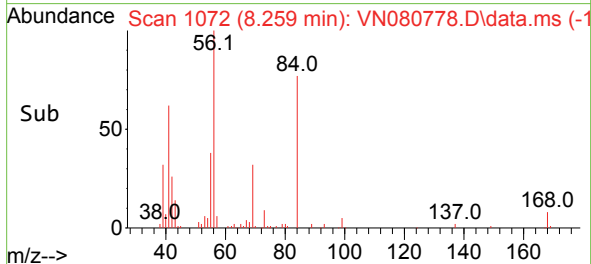
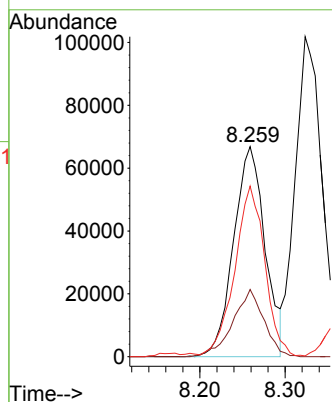
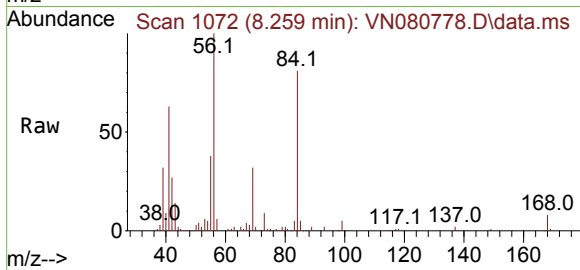
Tgt Ion: 56 Resp: 171246

Ion Ratio Lower Upper

56 100

69 32.0 26.8 40.2

84 80.1 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 49.858 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

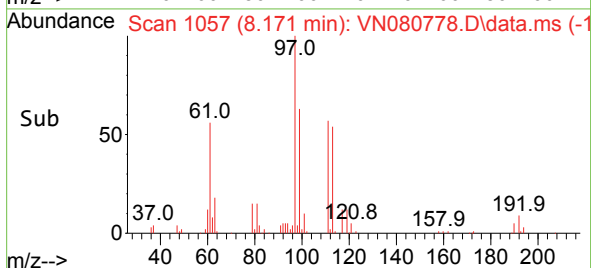
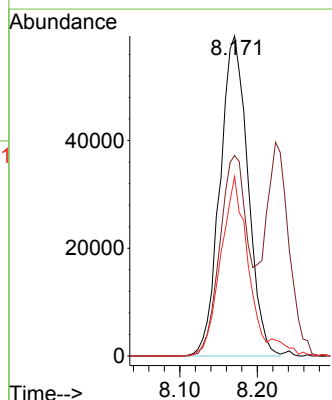
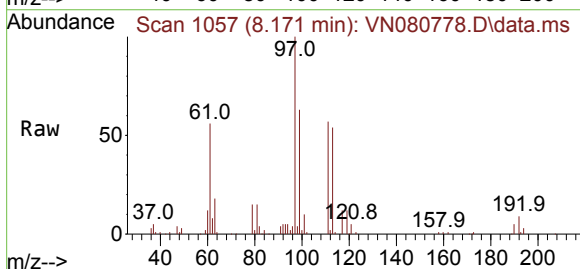
Tgt Ion: 97 Resp: 148822

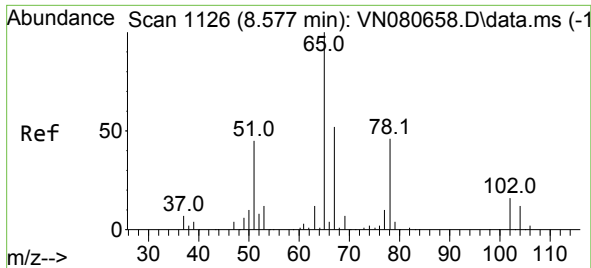
Ion Ratio Lower Upper

97 100

99 61.1 50.3 75.5

61 57.1 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 51.148 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA\_N

ClientSampleId :

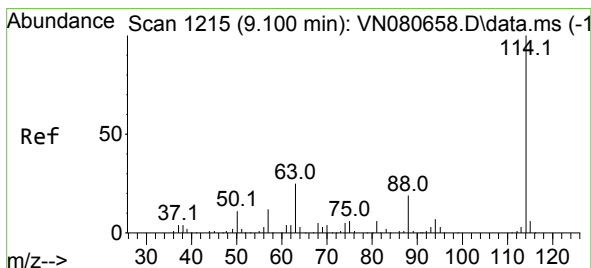
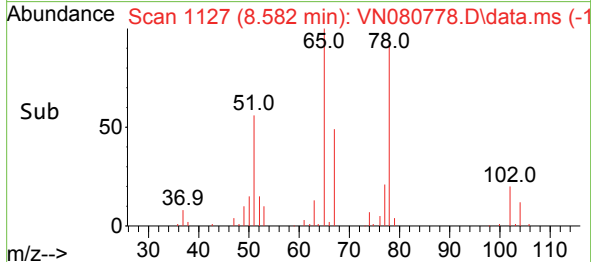
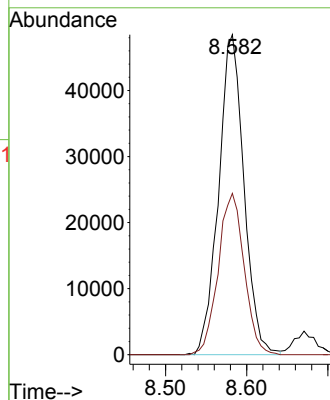
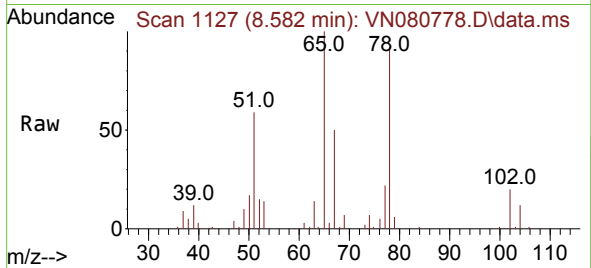
VSTDCCC050EC

Tgt Ion: 65 Resp: 105167

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

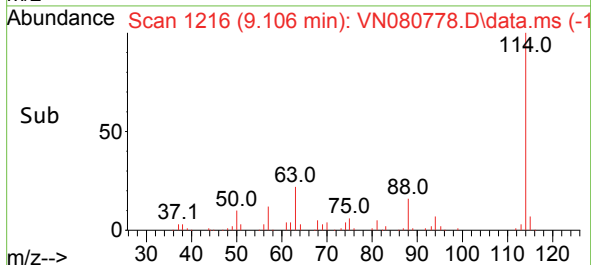
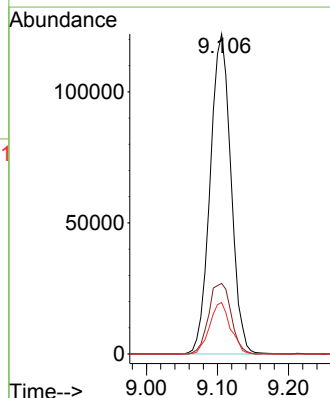
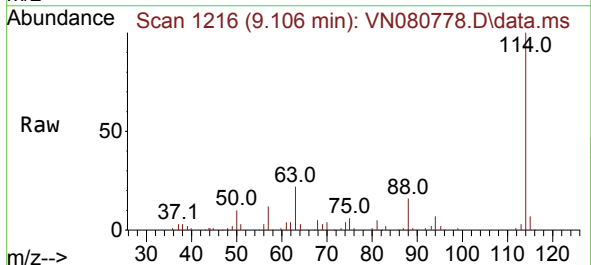
Tgt Ion: 114 Resp: 247617

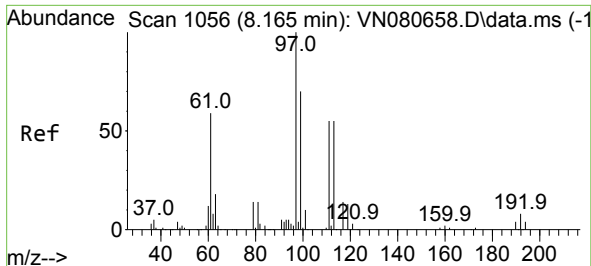
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 16.1 0.0 30.6

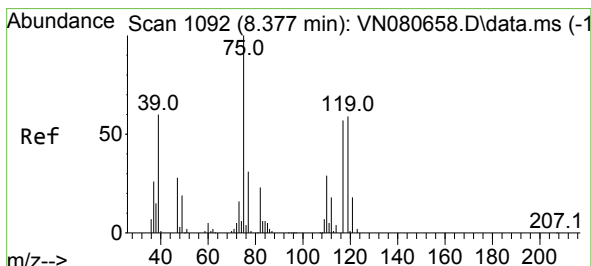
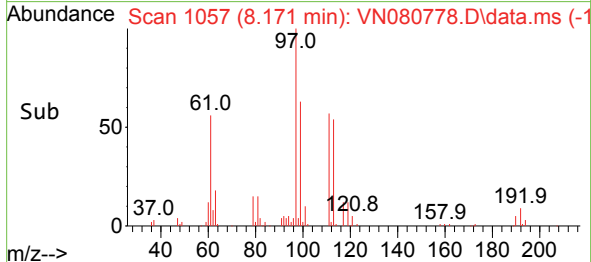
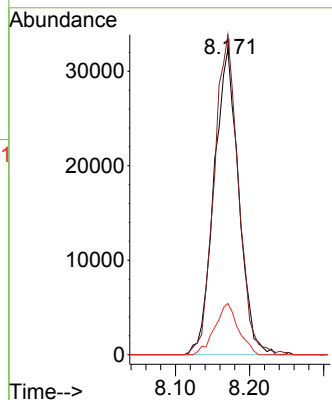
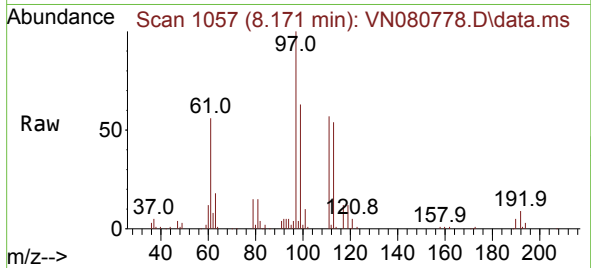




#35  
Dibromofluoromethane  
Concen: 53.138 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

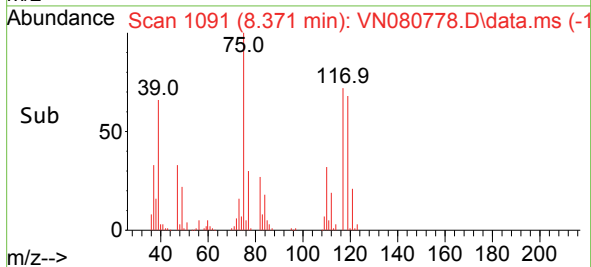
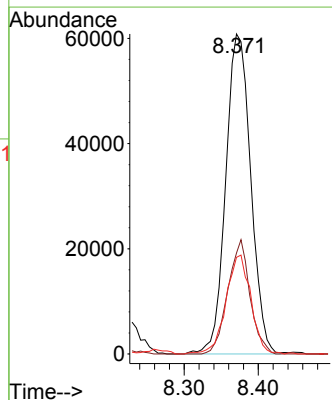
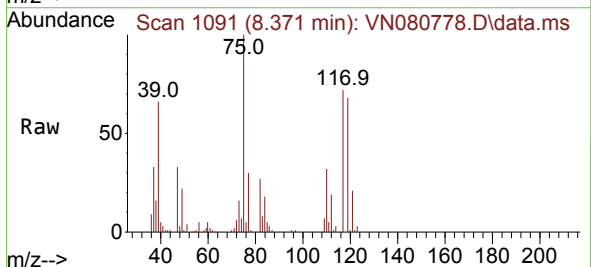
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

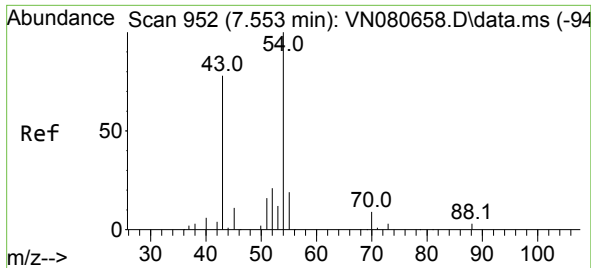
Tgt Ion:113 Resp: 74760  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.6 123.8  
192 15.9 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 49.506 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 75 Resp: 142674  
Ion Ratio Lower Upper  
75 100  
110 31.7 19.1 57.3  
77 30.6 25.0 37.4

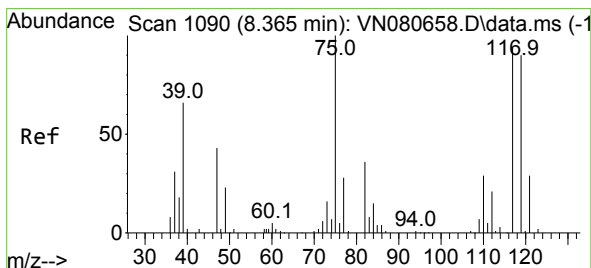
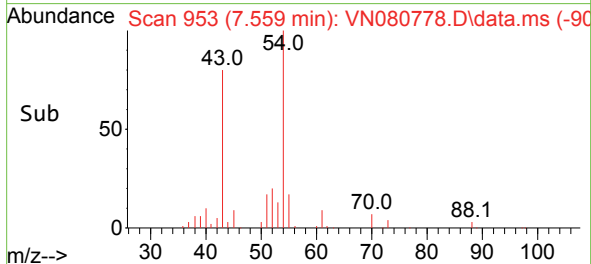
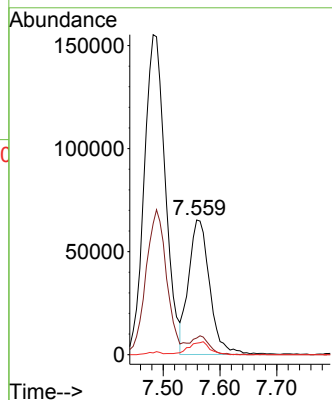
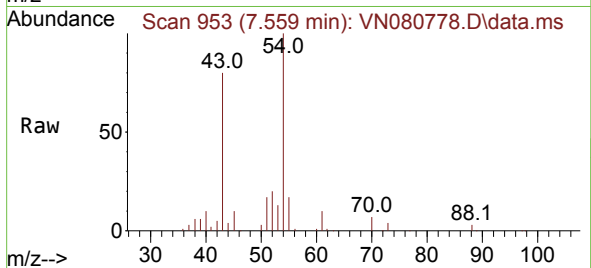




#37  
Ethyl Acetate  
Concen: 60.239 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

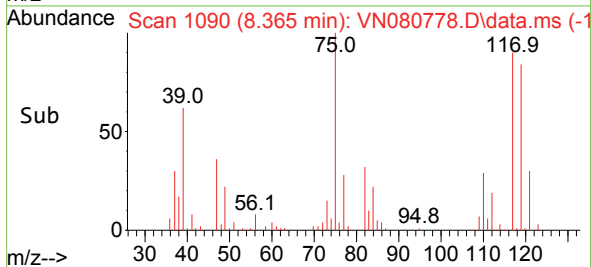
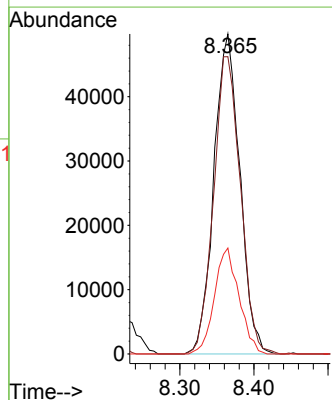
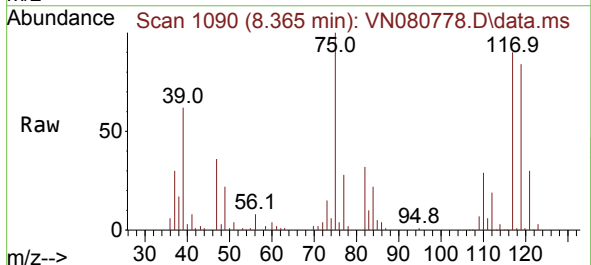
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

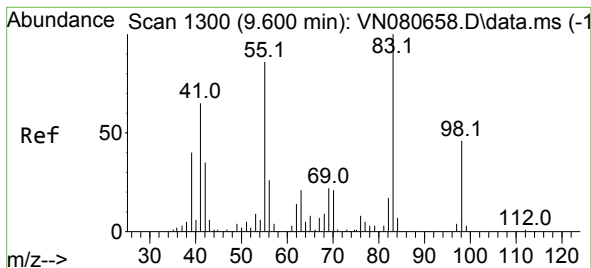
Tgt Ion: 43 Resp: 168345  
Ion Ratio Lower Upper  
43 100  
61 11.7 13.2 19.8#  
70 9.7 11.3 16.9#



#38  
Carbon Tetrachloride  
Concen: 46.677 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 117 Resp: 120782  
Ion Ratio Lower Upper  
117 100  
119 92.9 77.3 115.9  
121 33.1 23.3 34.9





#39

Methylcyclohexane

Concen: 51.078 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

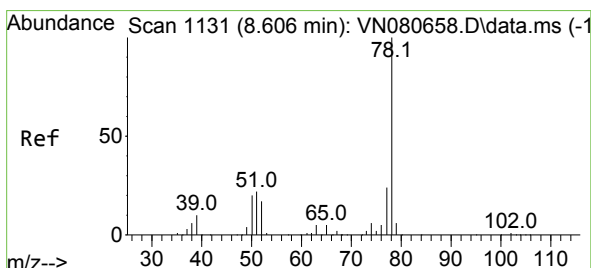
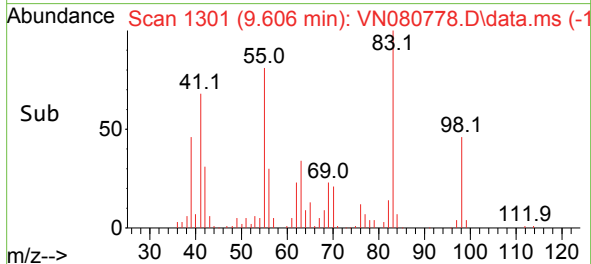
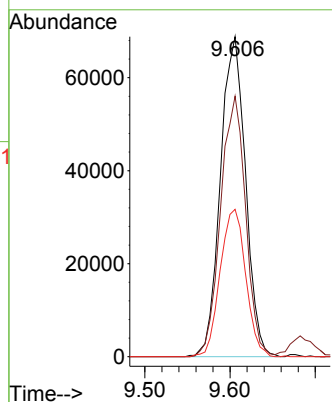
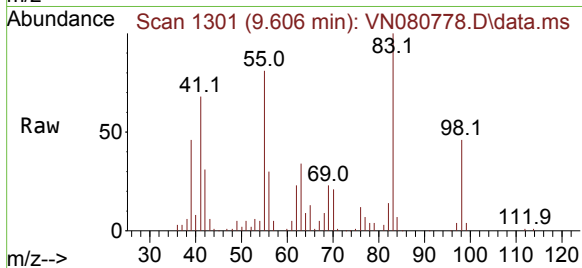
Tgt Ion: 83 Resp: 140868

Ion Ratio Lower Upper

83 100

55 81.4 49.1 73.7#

98 46.1 40.6 61.0



#40

Benzene

Concen: 54.108 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080778.D

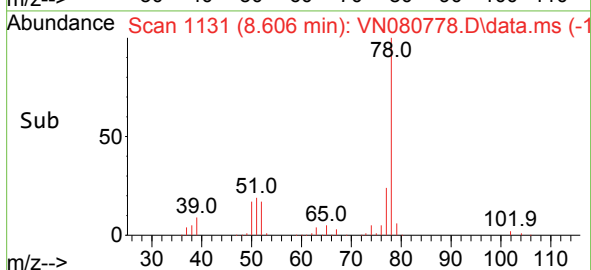
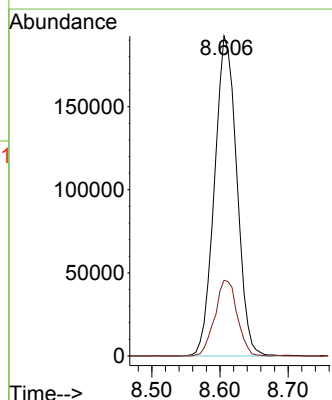
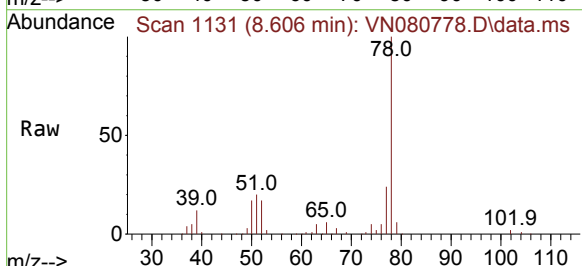
Acq: 26 Jan 2024 19:00

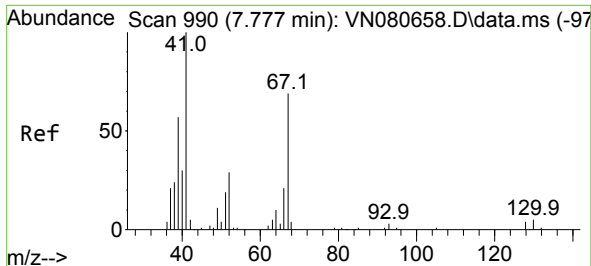
Tgt Ion: 78 Resp: 438369

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

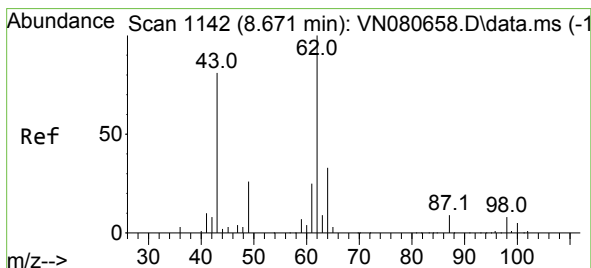
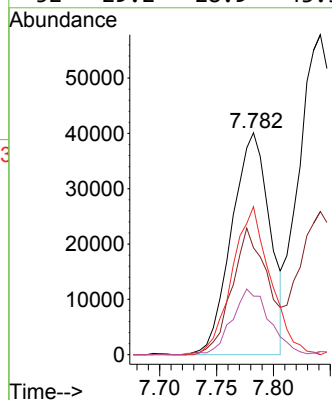
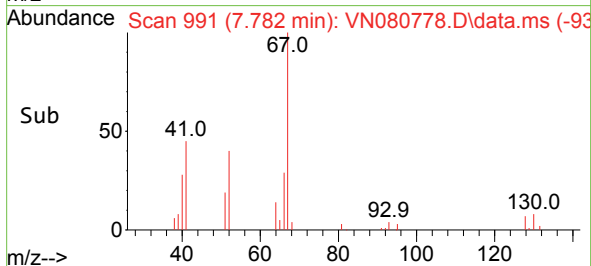
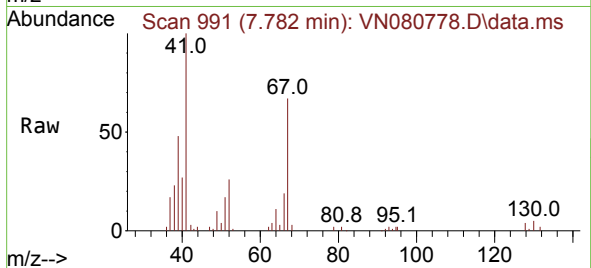




#41  
Methacrylonitrile  
Concen: 57.921 ug/l  
RT: 7.782 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

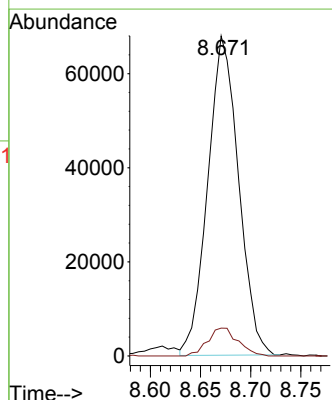
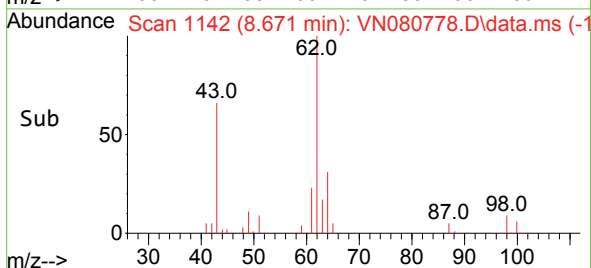
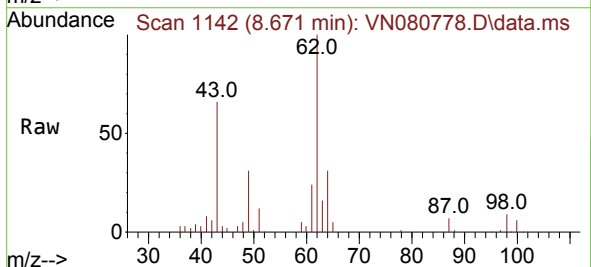
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

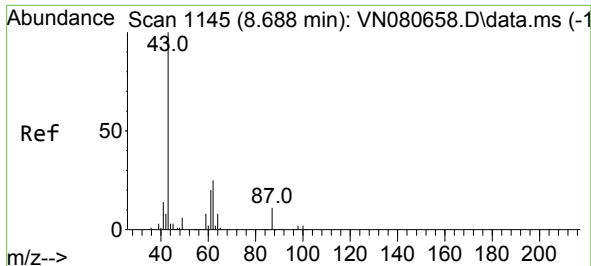
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 93891 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.4  | 42.6  | 64.0  |
| 67       | 66.5  | 77.5  | 116.3 |
| 52       | 29.2  | 28.9  | 43.3  |



#42  
1,2-Dichloroethane  
Concen: 46.751 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 145003 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.6   | 0.0   | 19.8   |

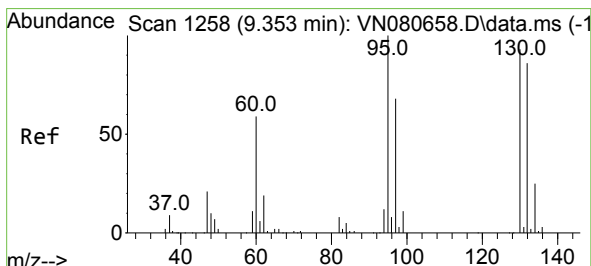
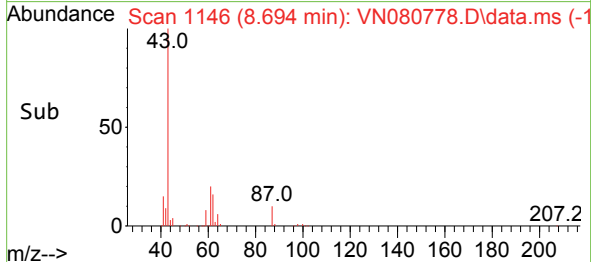
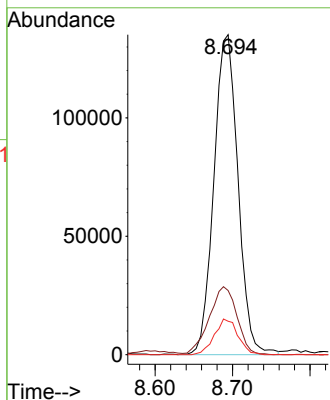
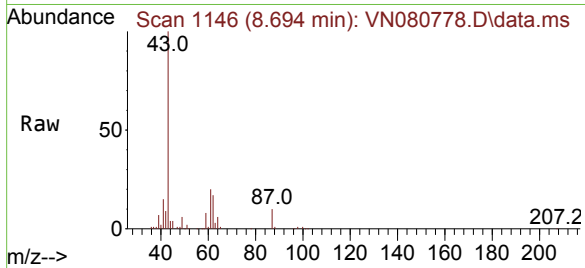




#43  
Isopropyl Acetate  
Concen: 56.937 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

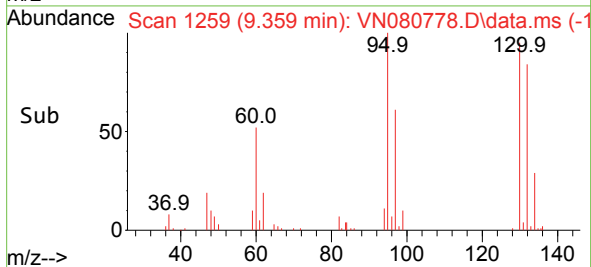
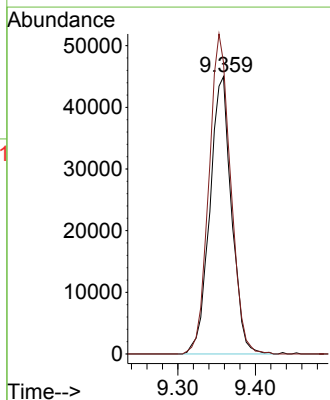
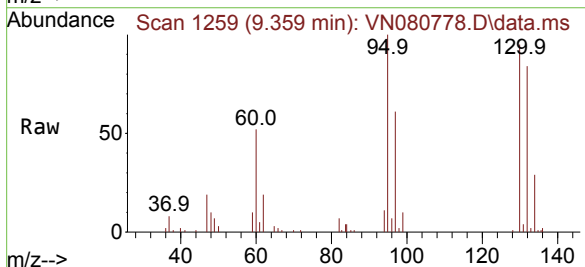
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

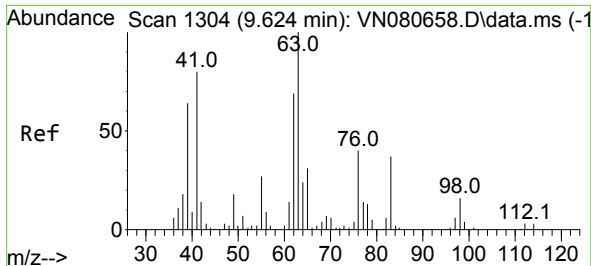
Tgt Ion: 43 Resp: 292479  
Ion Ratio Lower Upper  
43 100  
61 24.5 24.7 37.1#  
87 10.9 14.6 21.8#



#44  
Trichloroethene  
Concen: 47.676 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion:130 Resp: 87442  
Ion Ratio Lower Upper  
130 100  
95 105.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 56.447 ug/l

RT: 9.623 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA\_N

ClientSampleId :

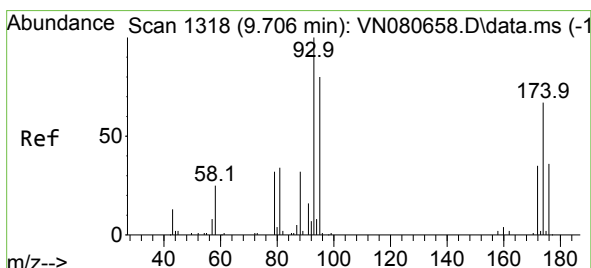
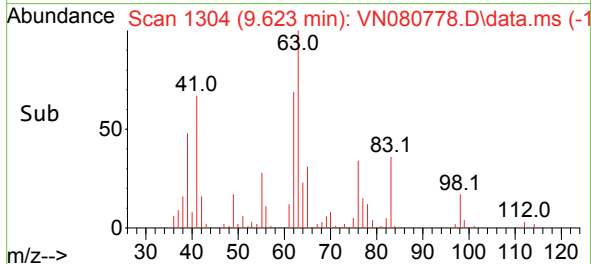
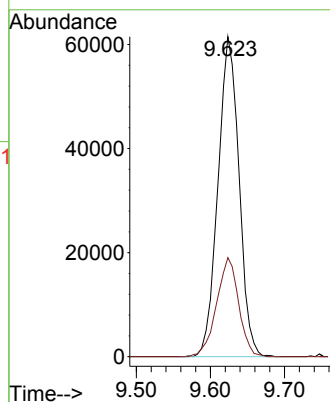
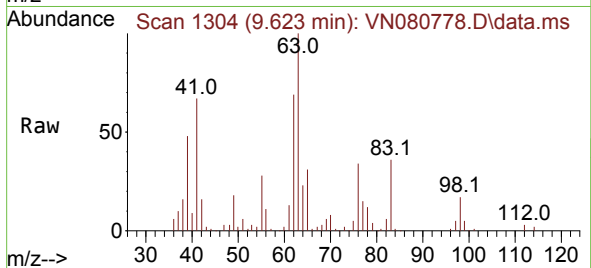
VSTDCCC050EC

Tgt Ion: 63 Resp: 121244

Ion Ratio Lower Upper

63 100

65 30.9 23.9 35.9



#46

Dibromomethane

Concen: 51.007 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

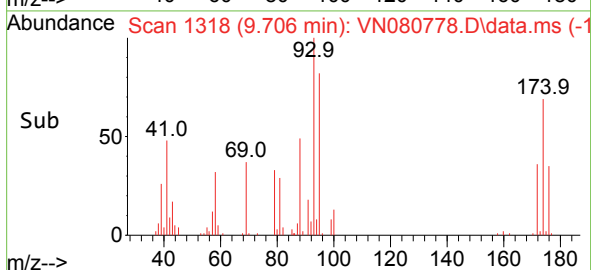
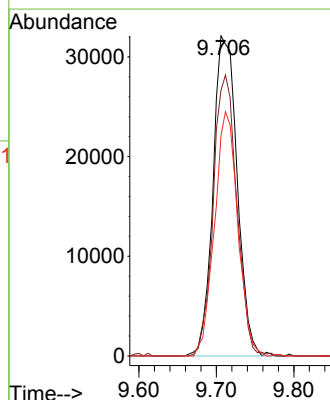
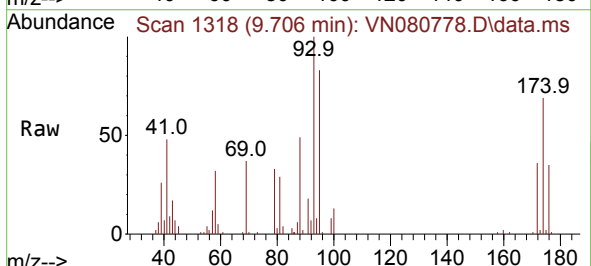
Tgt Ion: 93 Resp: 69315

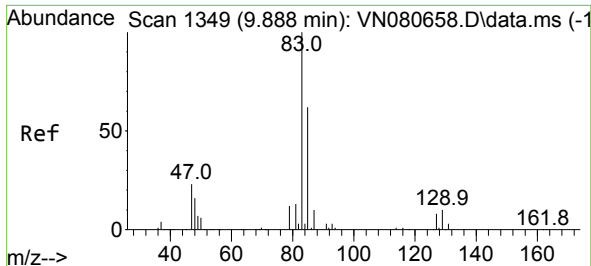
Ion Ratio Lower Upper

93 100

95 85.7 63.8 95.8

174 73.7 65.6 98.4

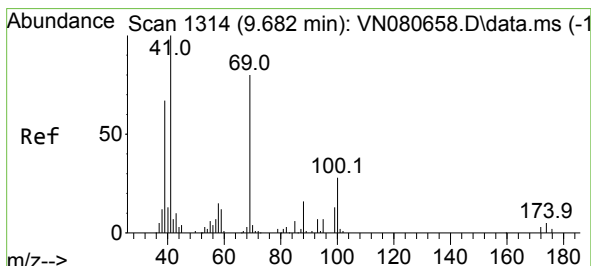
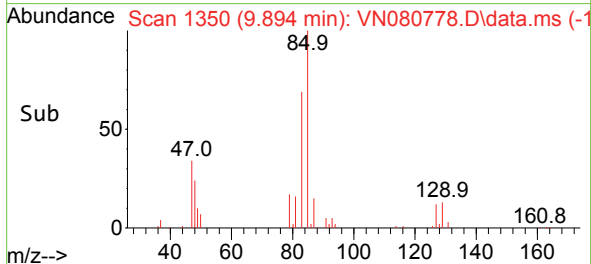
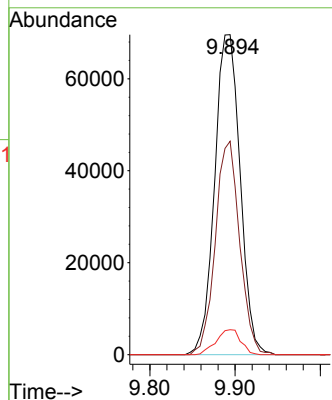
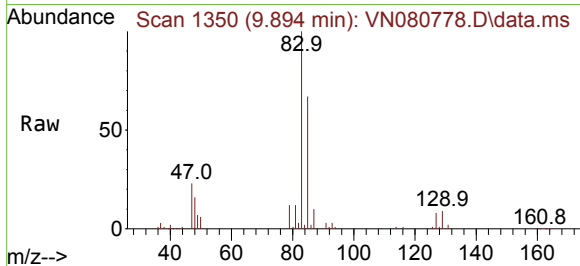




#47  
Bromodichloromethane  
Concen: 47.980 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

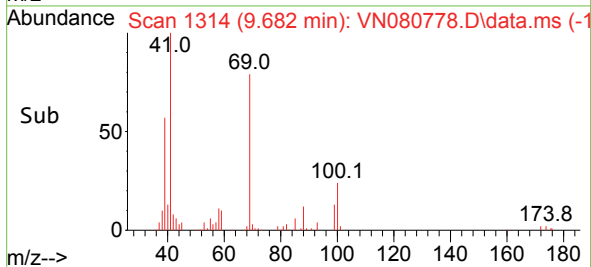
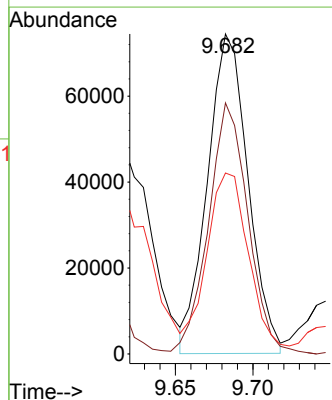
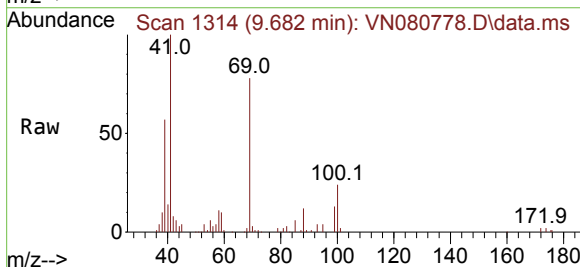
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

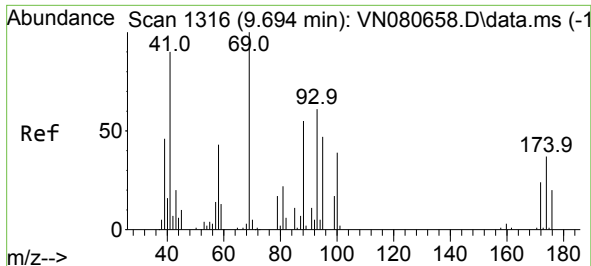
Tgt Ion: 83 Resp: 144720  
Ion Ratio Lower Upper  
83 100  
85 66.7 49.6 74.4  
127 7.8 7.0 10.6



#48  
Methyl methacrylate  
Concen: 55.558 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 41 Resp: 135120  
Ion Ratio Lower Upper  
41 100  
69 76.8 90.4 135.6#  
39 59.7 54.6 81.8





#49

1,4-Dioxane

Concen: 1334.004 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

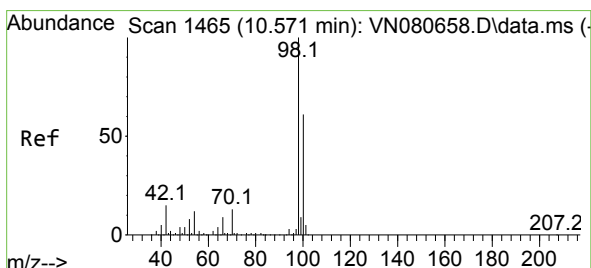
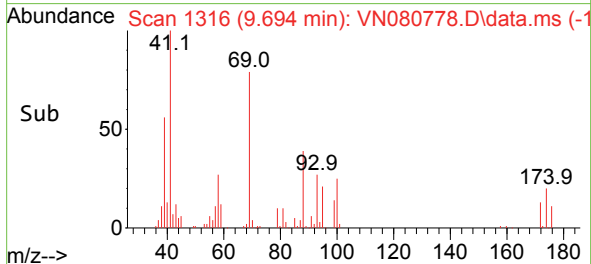
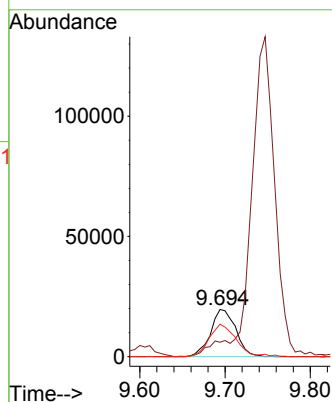
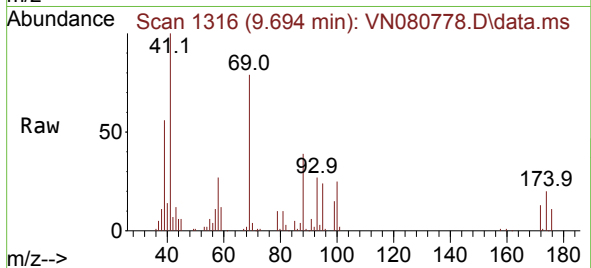
Tgt Ion: 88 Resp: 40425

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 73.5 47.0 70.4#



#50

Toluene-d8

Concen: 55.947 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN080778.D

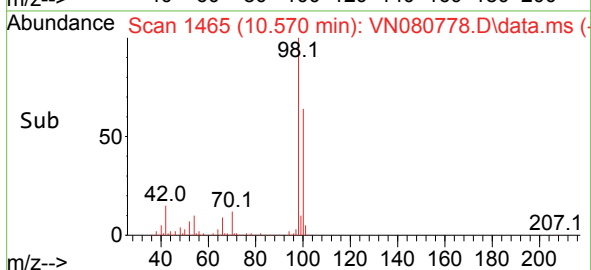
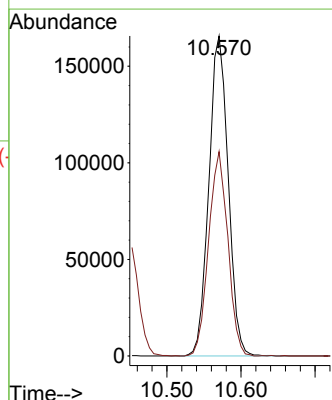
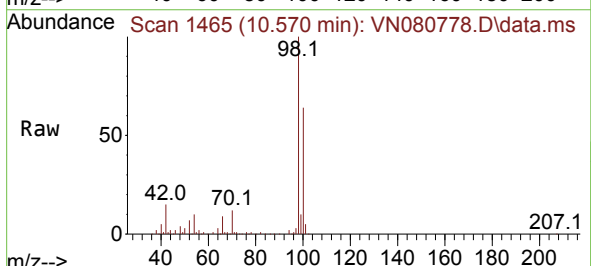
Acq: 26 Jan 2024 19:00

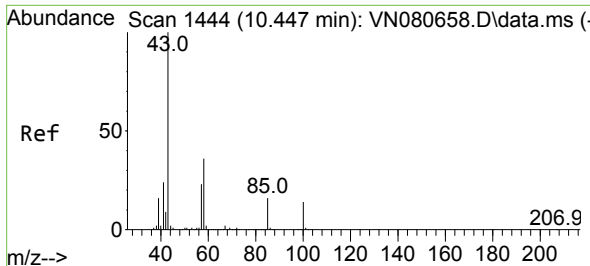
Tgt Ion: 98 Resp: 300134

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0

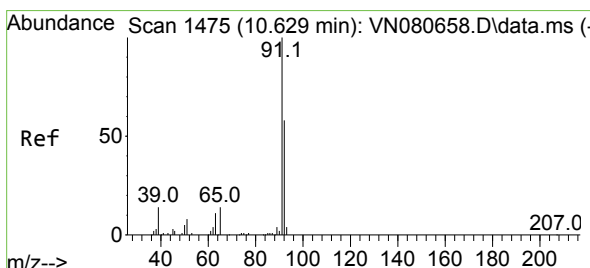
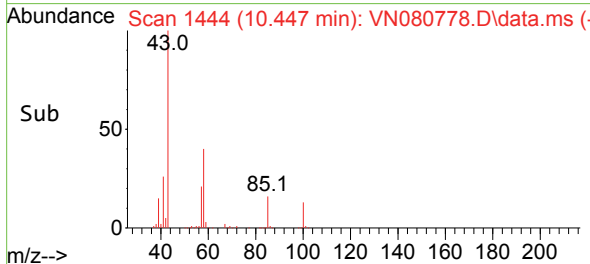
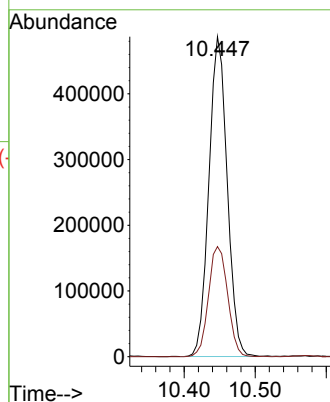
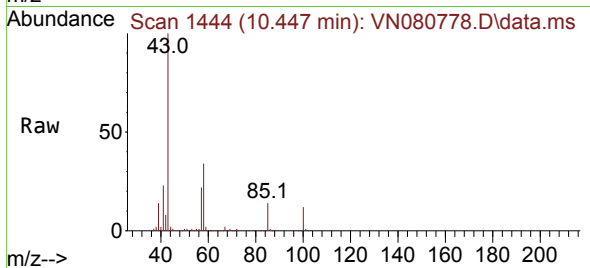




#51  
4-Methyl-2-Pentanone  
Concen: 314.815 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

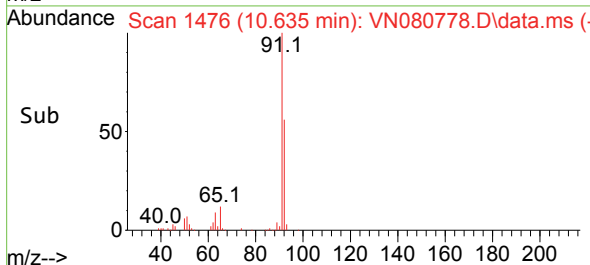
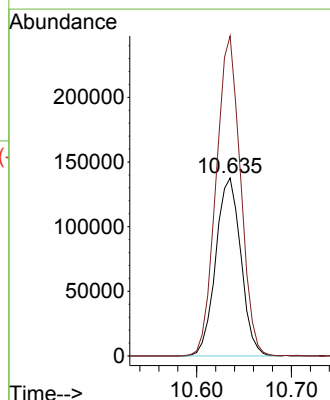
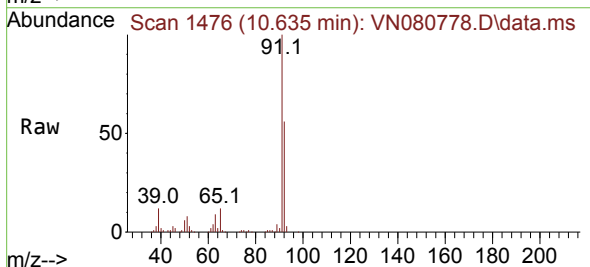
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

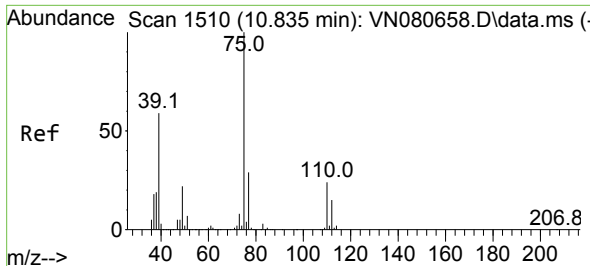
Tgt Ion: 43 Resp: 872440  
Ion Ratio Lower Upper  
43 100  
58 36.0 36.6 54.8#



#52  
Toluene  
Concen: 54.514 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 92 Resp: 253044  
Ion Ratio Lower Upper  
92 100  
91 175.0 137.4 206.0

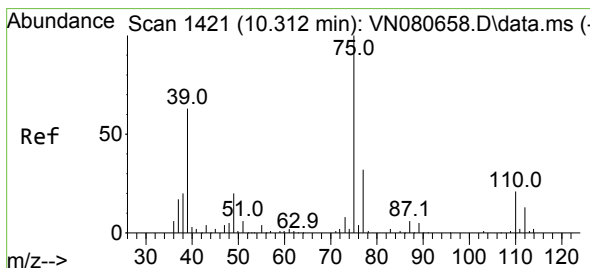
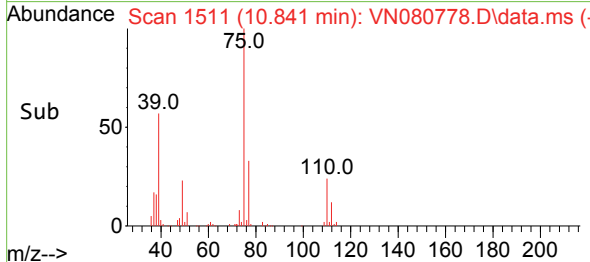
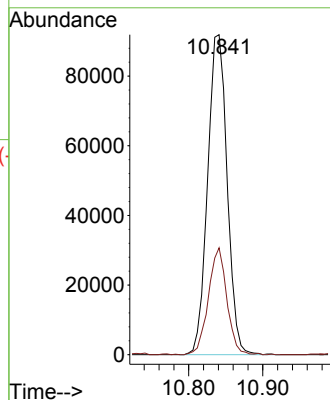
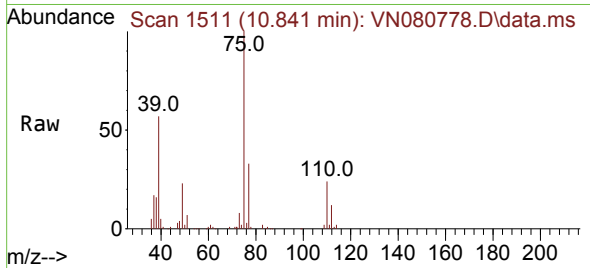




#53  
t-1,3-Dichloropropene  
Concen: 50.229 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

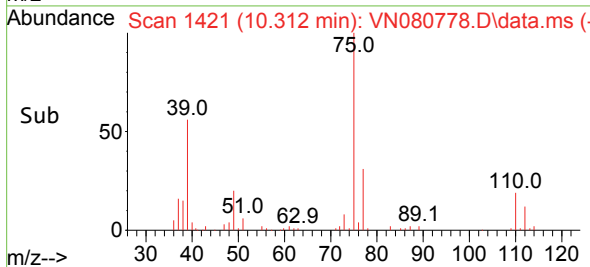
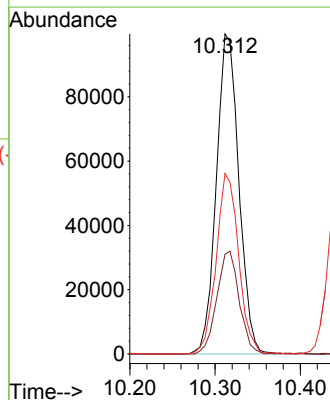
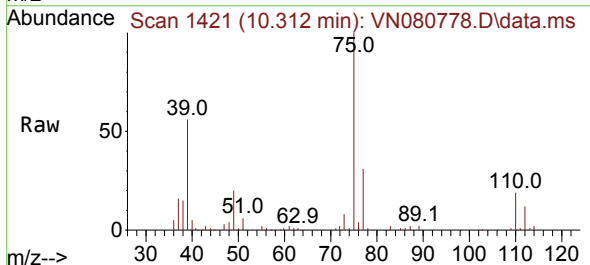
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

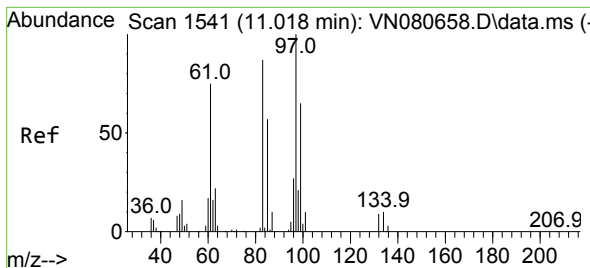
Tgt Ion: 75 Resp: 168158  
Ion Ratio Lower Upper  
75 100  
77 33.4 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 51.561 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 75 Resp: 183057  
Ion Ratio Lower Upper  
75 100  
77 31.2 26.1 39.1  
39 56.4 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 54.464 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 97309

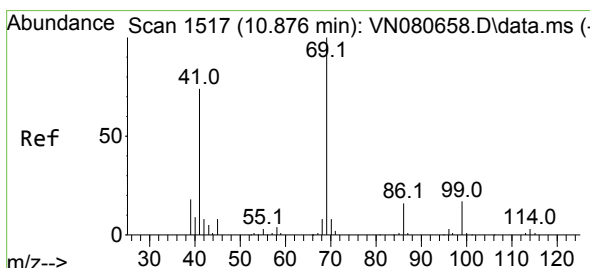
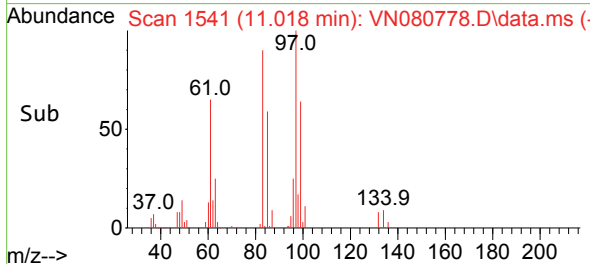
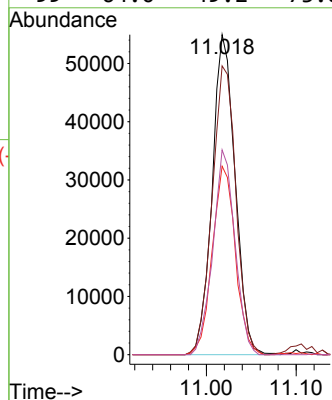
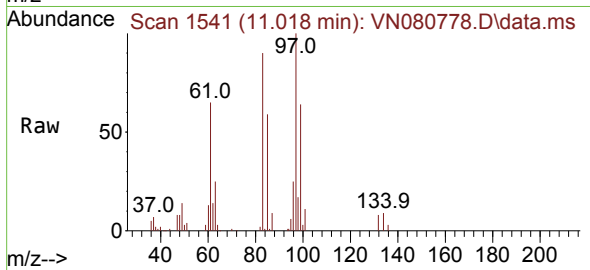
Ion Ratio Lower Upper

97 100

83 90.2 65.1 97.7

85 58.9 43.4 65.2

99 64.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 56.539 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

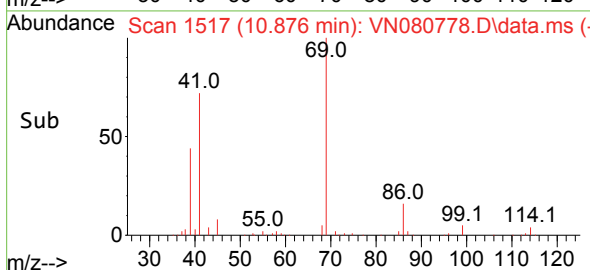
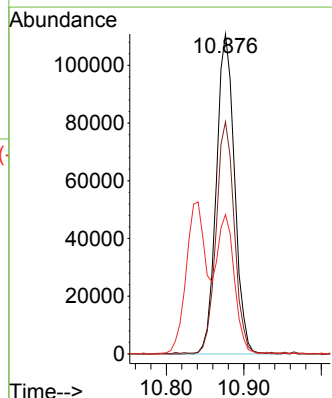
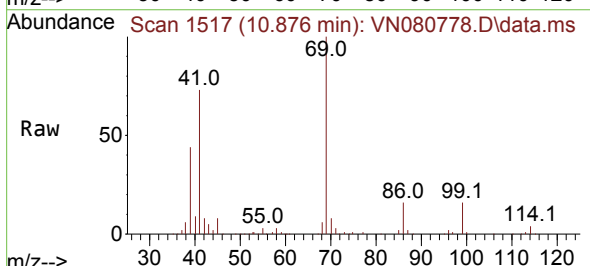
Tgt Ion: 69 Resp: 180933

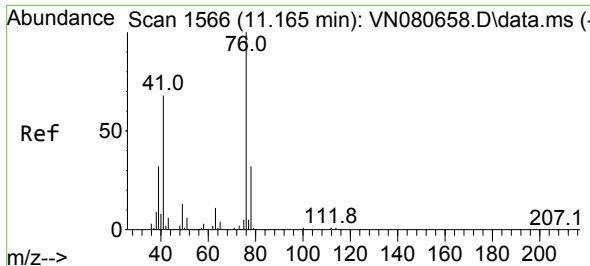
Ion Ratio Lower Upper

69 100

41 73.0 39.6 59.4#

39 40.7 28.6 43.0

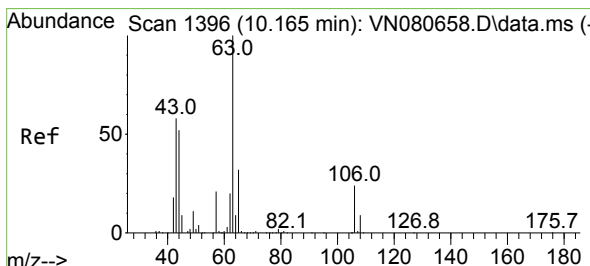
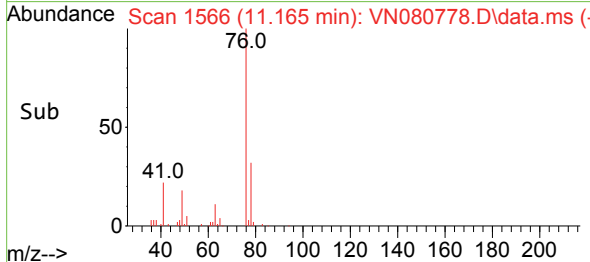
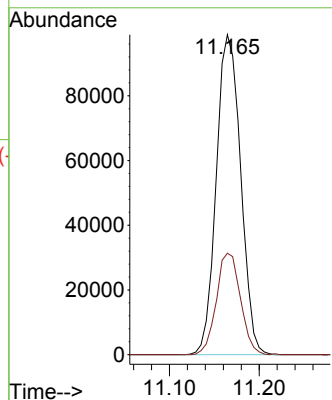
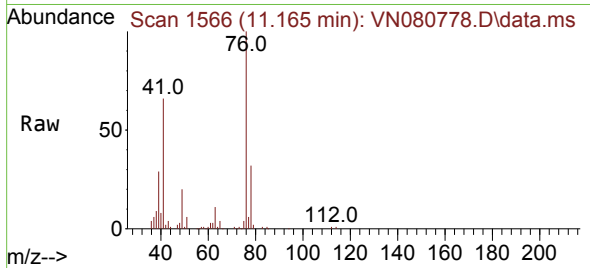




#57  
1,3-Dichloropropane  
Concen: 57.130 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

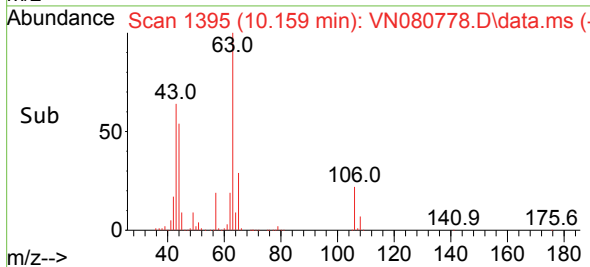
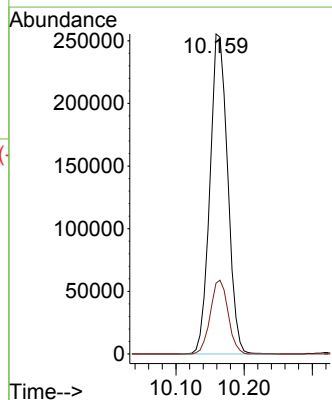
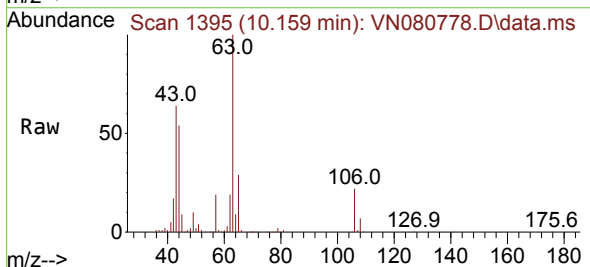
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

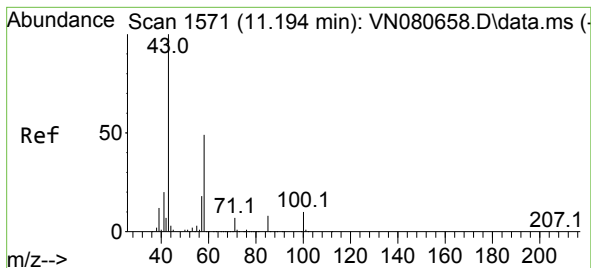
Tgt Ion: 76 Resp: 186347  
Ion Ratio Lower Upper  
76 100  
78 31.4 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 301.599 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 63 Resp: 462282  
Ion Ratio Lower Upper  
63 100  
106 23.1 26.2 39.4#





#59

2-Hexanone

Concen: 317.094 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA\_N

ClientSampleId :

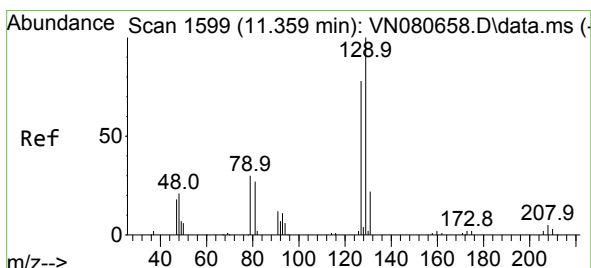
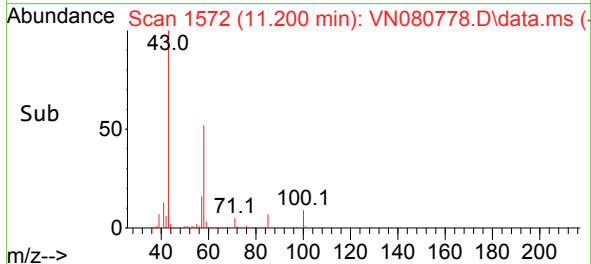
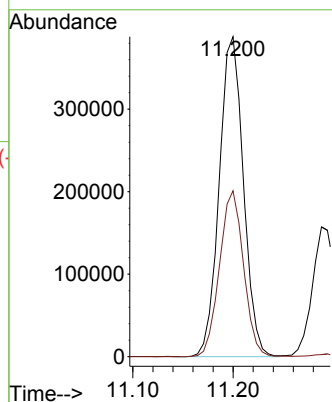
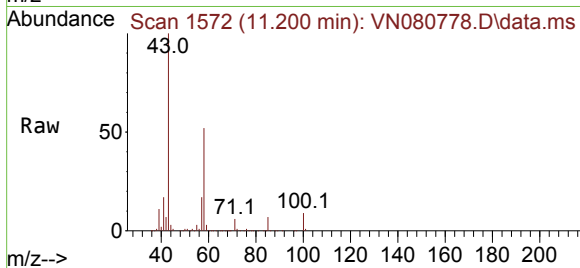
VSTDCCC050EC

Tgt Ion: 43 Resp: 648710

Ion Ratio Lower Upper

43 100

58 51.5 31.7 95.1



#60

Dibromochloromethane

Concen: 51.562 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN080778.D

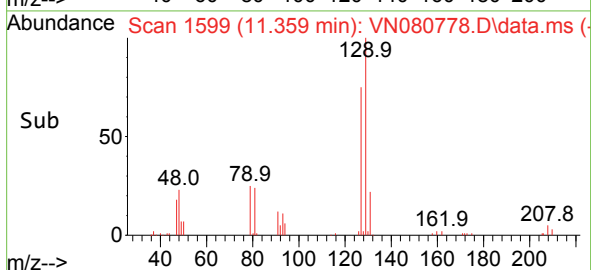
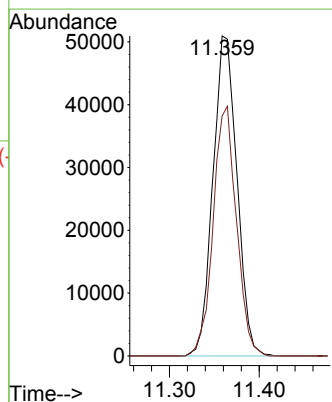
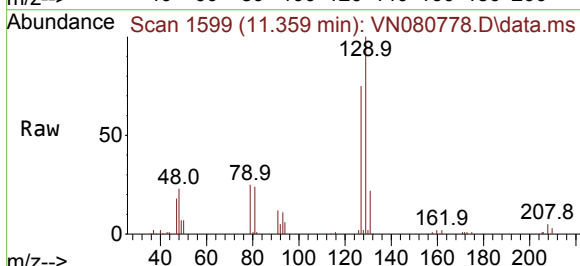
Acq: 26 Jan 2024 19:00

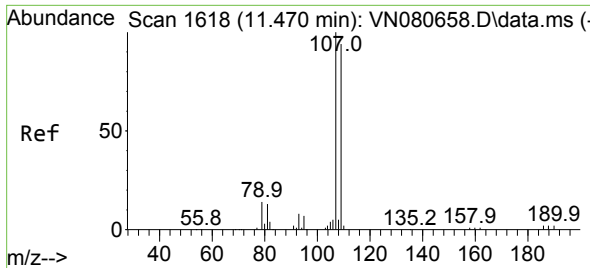
Tgt Ion: 129 Resp: 94679

Ion Ratio Lower Upper

129 100

127 75.7 38.6 116.0

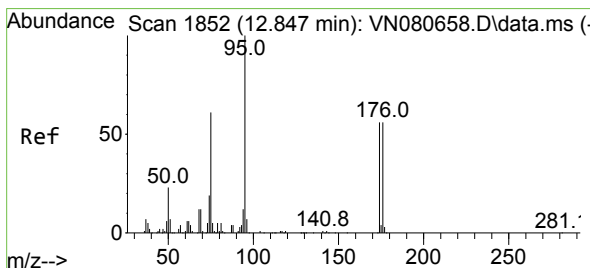
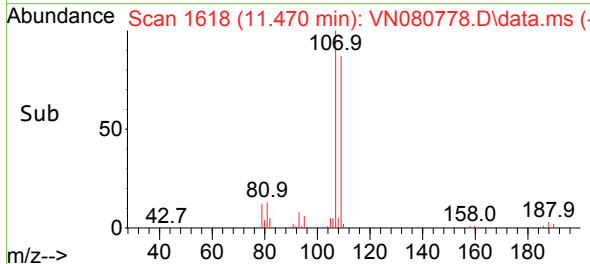
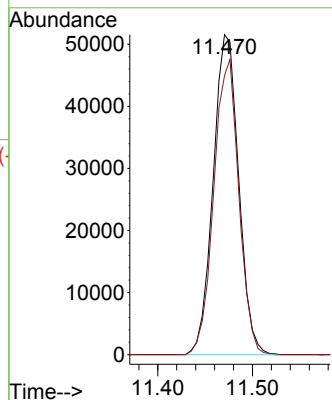
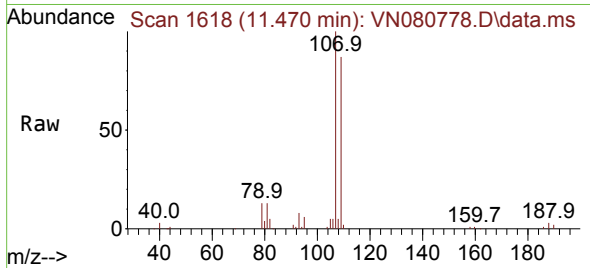




#61  
1,2-Dibromoethane  
Concen: 54.989 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

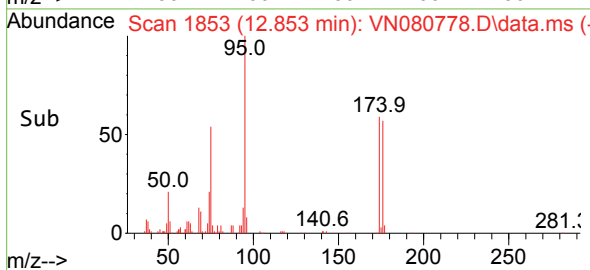
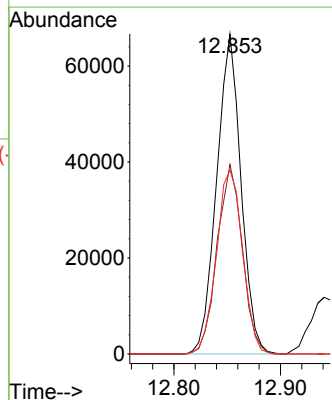
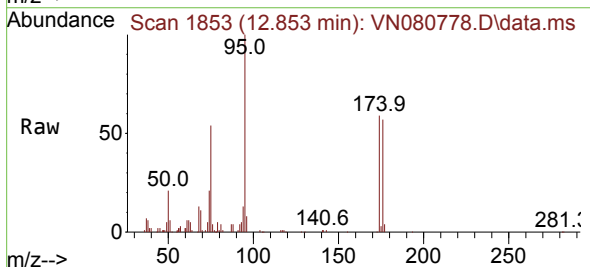
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

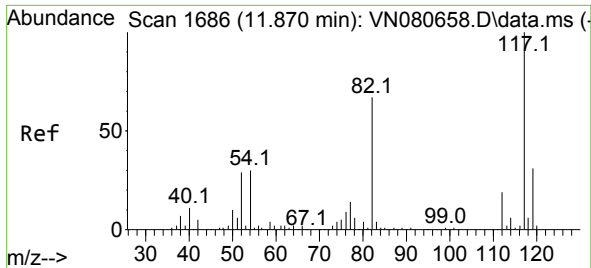
Tgt Ion:107 Resp: 96578  
Ion Ratio Lower Upper  
107 100  
109 90.5 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 51.477 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 95 Resp: 105898  
Ion Ratio Lower Upper  
95 100  
174 61.2 0.0 143.8  
176 61.5 0.0 135.8

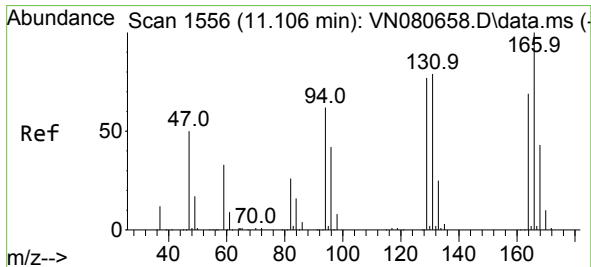
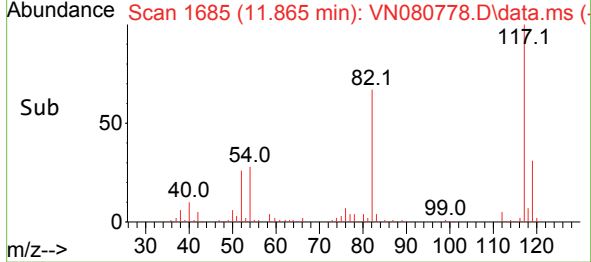
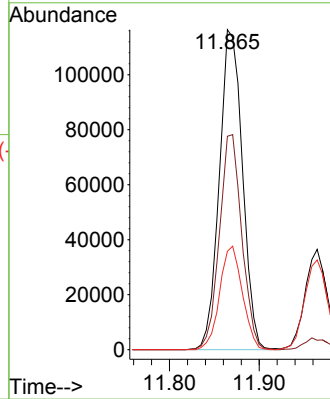
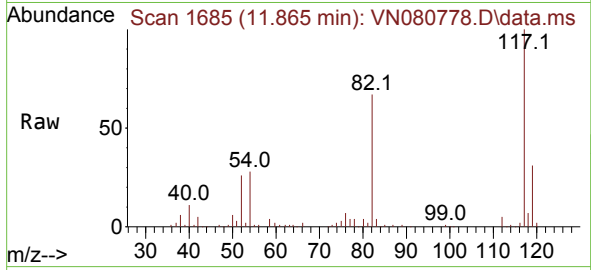




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

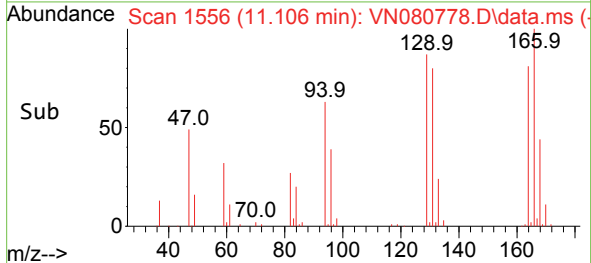
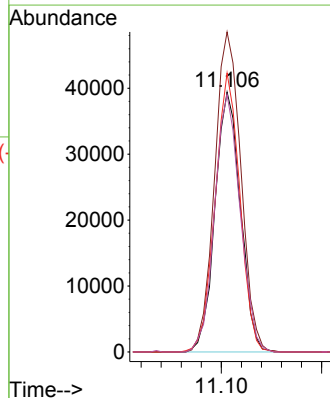
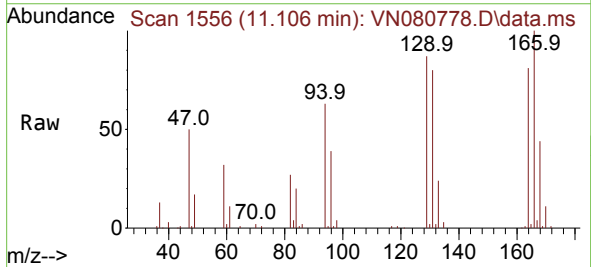
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

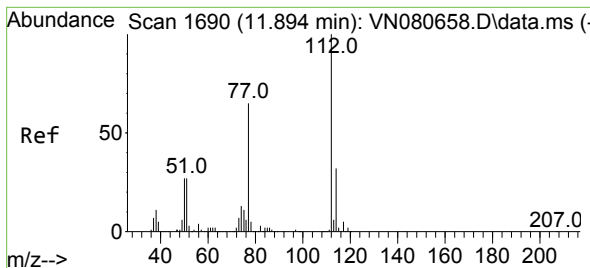
Tgt Ion:117 Resp: 208250  
Ion Ratio Lower Upper  
117 100  
82 66.7 44.0 66.0#  
119 30.8 25.6 38.4



#64  
Tetrachloroethene  
Concen: 48.473 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion:164 Resp: 69323  
Ion Ratio Lower Upper  
164 100  
166 123.1 101.4 152.0  
129 107.3 82.4 123.6  
131 99.0 78.2 117.4

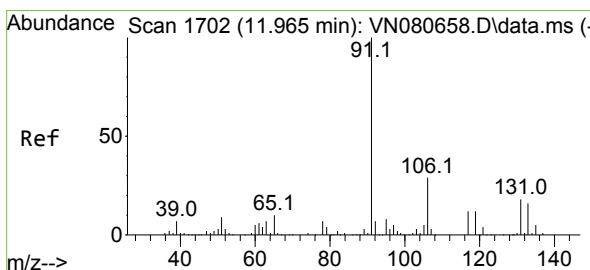
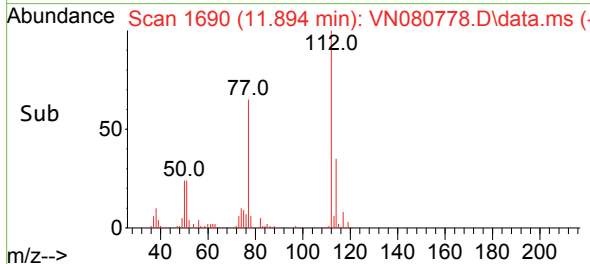
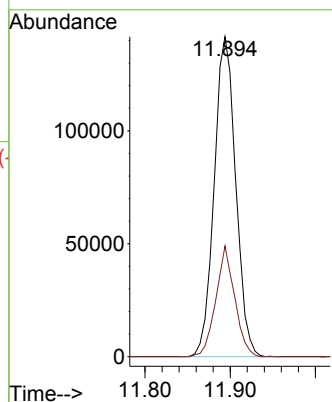
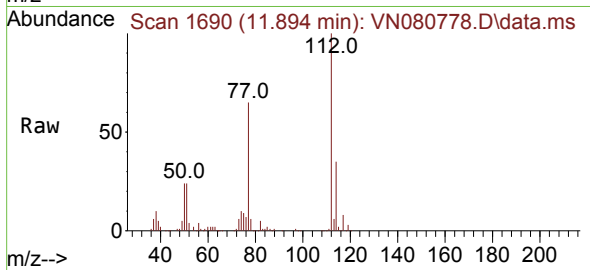




#65  
Chlorobenzene  
Concen: 54.638 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

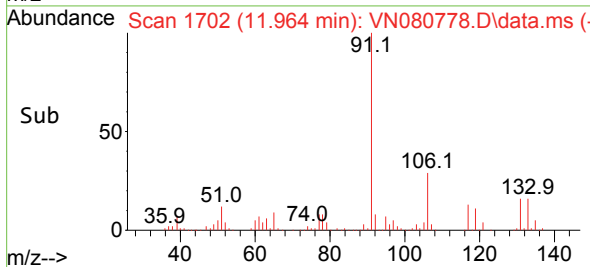
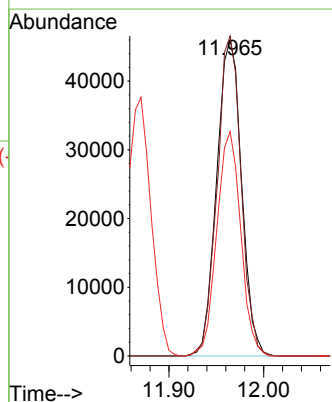
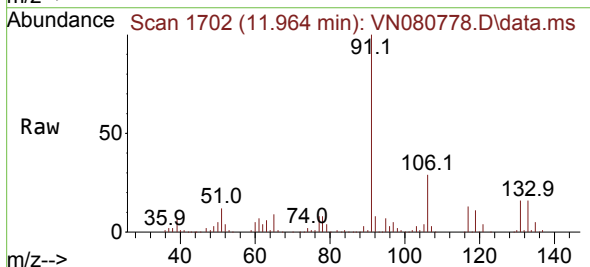
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

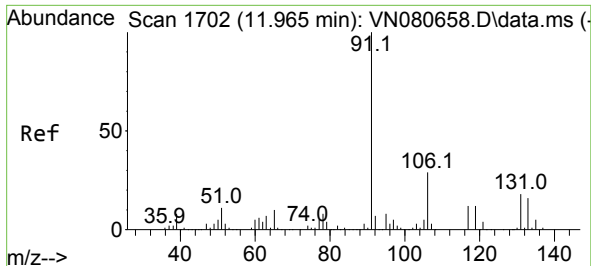
Tgt Ion:112 Resp: 248594  
Ion Ratio Lower Upper  
112 100  
114 34.6 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.047 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion:131 Resp: 84076  
Ion Ratio Lower Upper  
131 100  
133 97.4 46.4 139.1  
119 68.4 34.1 102.2

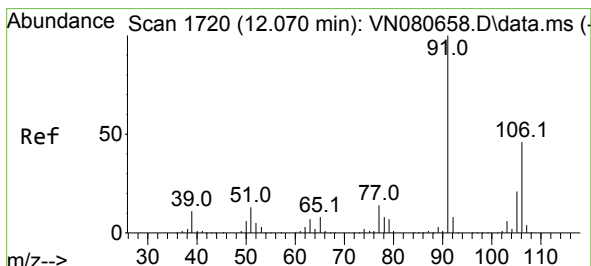
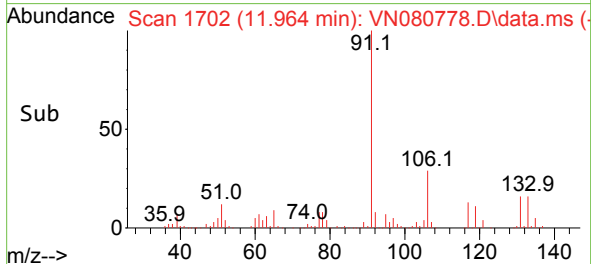
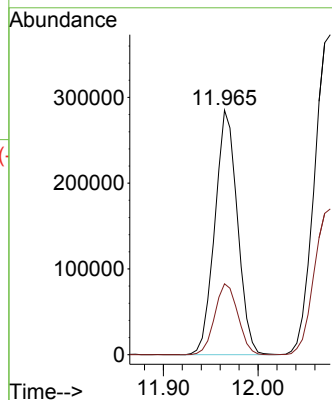
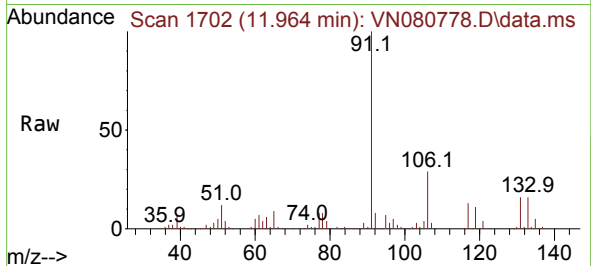




#67  
Ethyl Benzene  
Concen: 54.408 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

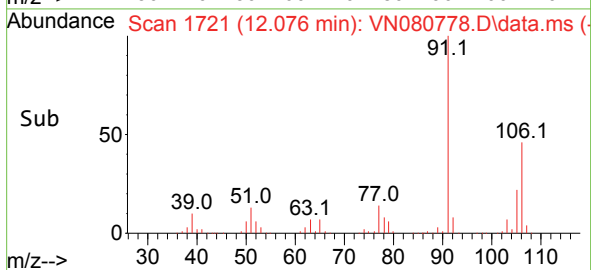
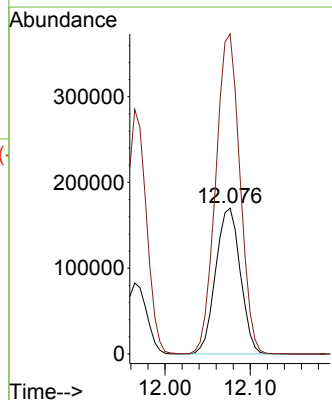
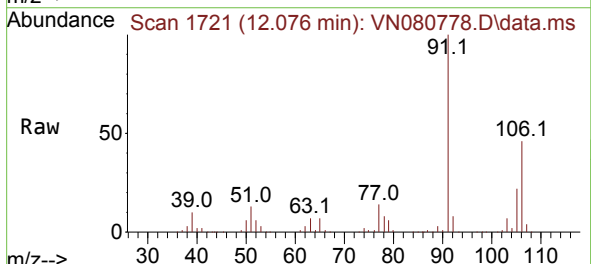
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

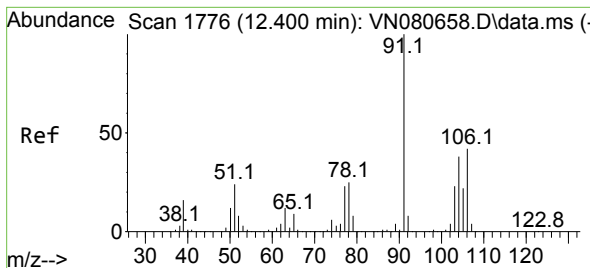
Tgt Ion: 91 Resp: 472689  
Ion Ratio Lower Upper  
91 100  
106 29.0 25.6 38.4



#68  
m/p-Xylenes  
Concen: 112.030 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 106 Resp: 342184  
Ion Ratio Lower Upper  
106 100  
91 215.6 159.6 239.4





#69

o-Xylene

Concen: 57.246 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA\_N

ClientSampleId :

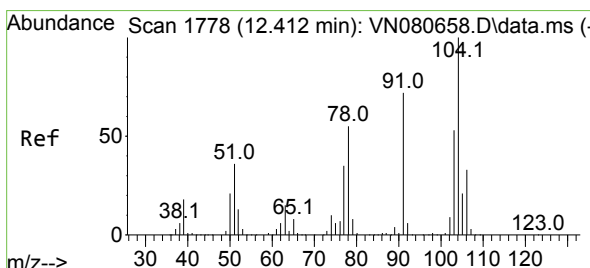
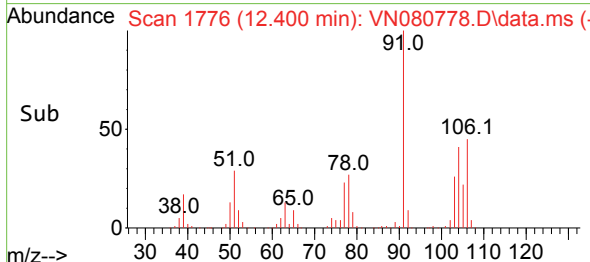
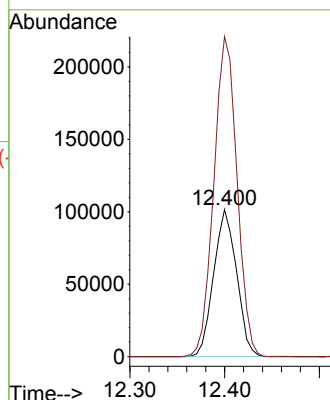
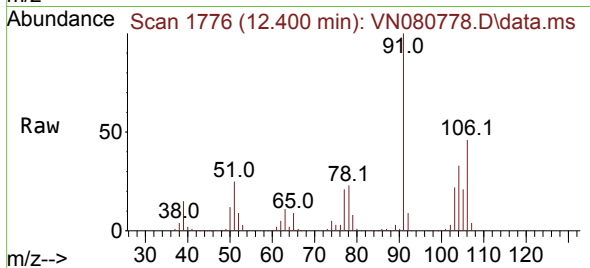
VSTDCCC050EC

Tgt Ion:106 Resp: 170965

Ion Ratio Lower Upper

106 100

91 220.2 105.2 315.5



#70

Styrene

Concen: 55.357 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

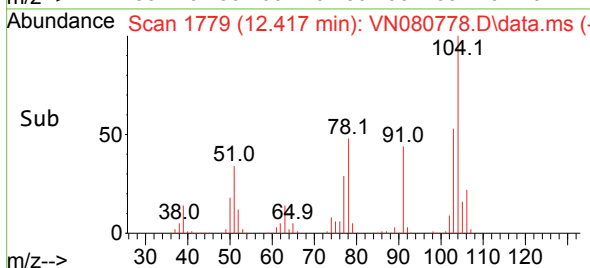
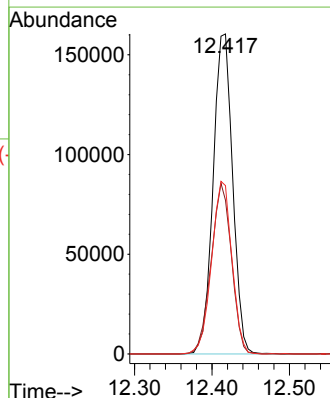
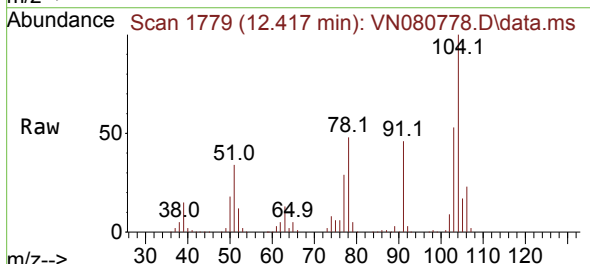
Tgt Ion:104 Resp: 280736

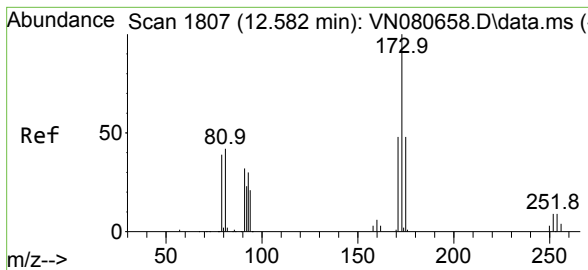
Ion Ratio Lower Upper

104 100

78 55.5 39.5 59.3

103 56.2 43.2 64.8

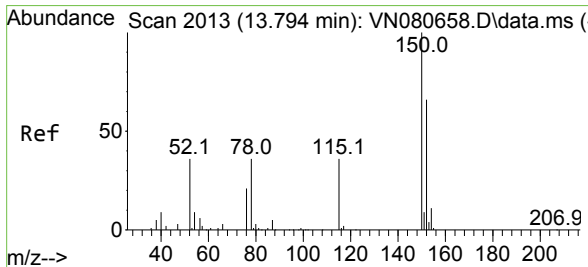
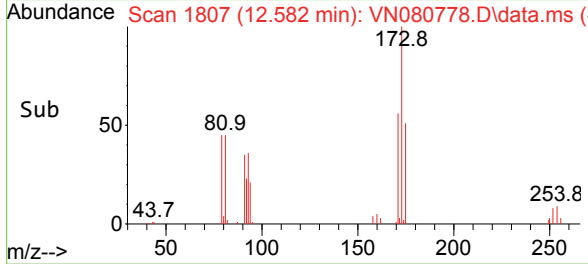
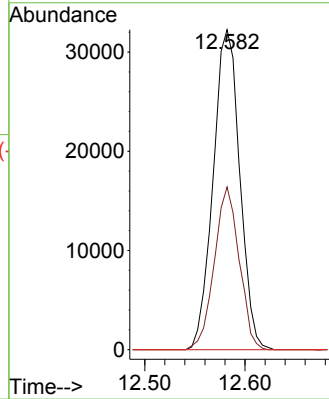
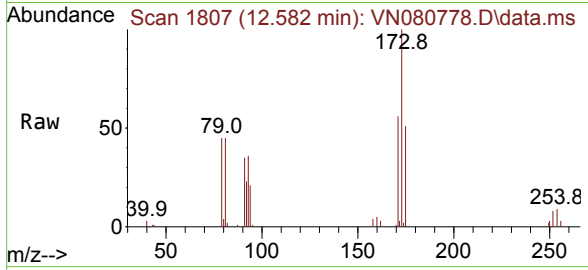




#71  
Bromoform  
Concen: 53.420 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

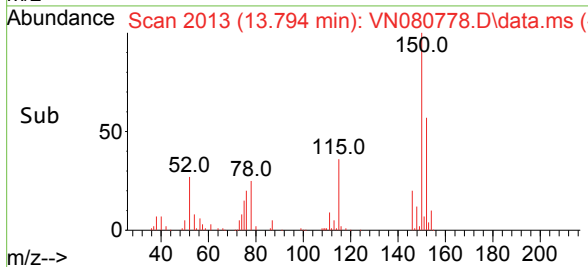
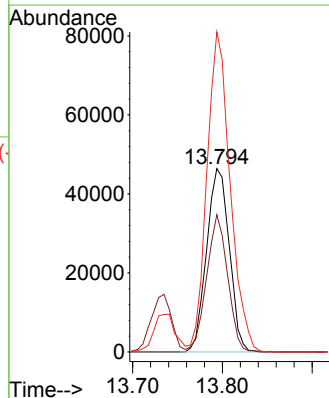
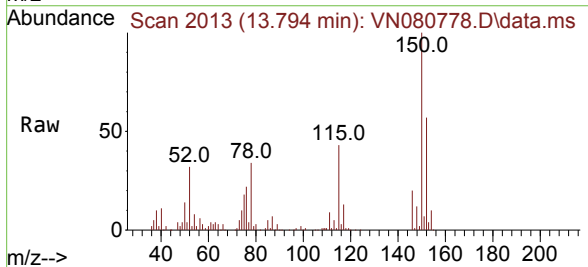
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

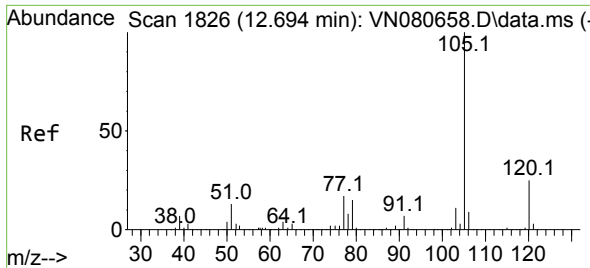
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 59368 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.6  | 24.3  | 73.0  |
| 254       | 0.0   | 0.0   | 0.0   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 81493 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 69.2  | 32.3  | 96.8  |
| 150       | 178.8 | 0.0   | 355.8 |

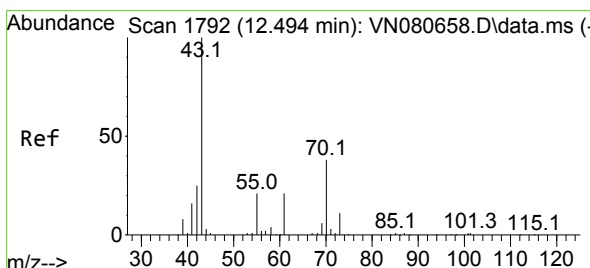
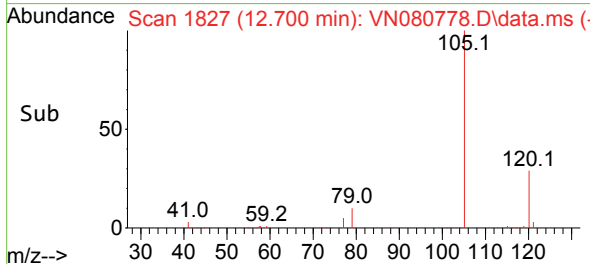
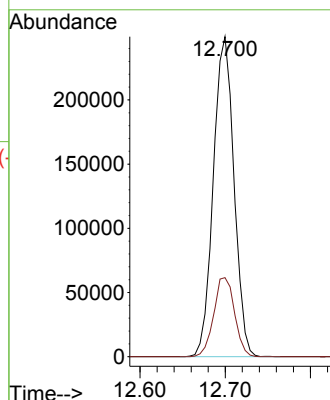
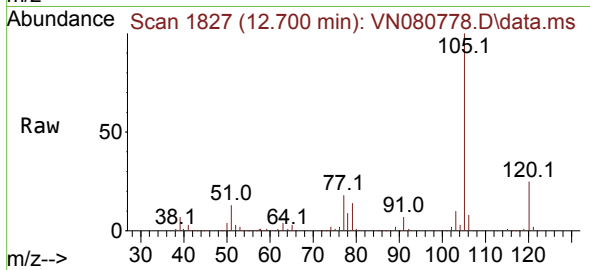




#73  
Isopropylbenzene  
Concen: 54.135 ug/l  
RT: 12.700 min Scan# 1793  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

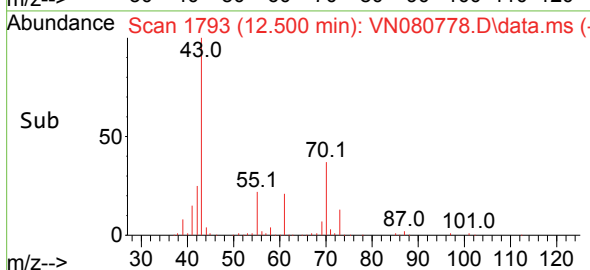
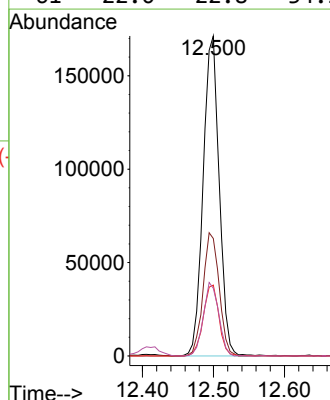
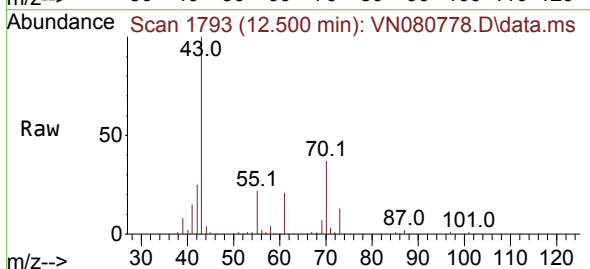
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

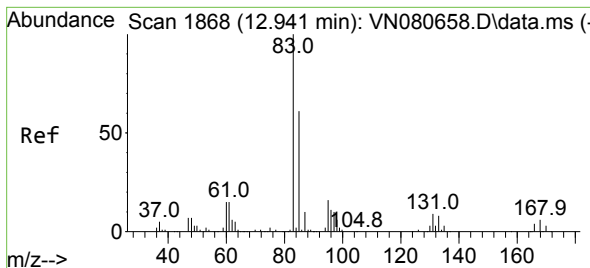
Tgt Ion:105 Resp: 419515  
Ion Ratio Lower Upper  
105 100  
120 24.9 13.1 39.1



#74  
N-ethyl acetate  
Concen: 58.084 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 43 Resp: 270125  
Ion Ratio Lower Upper  
43 100  
70 38.5 43.4 65.2#  
55 21.7 21.4 32.0  
61 22.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 58.834 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

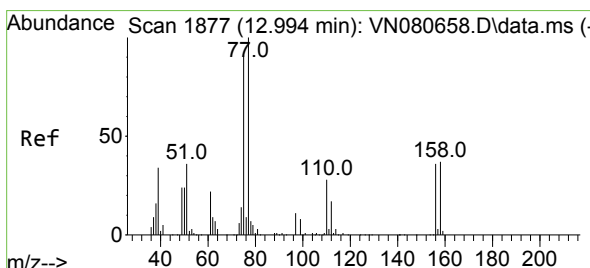
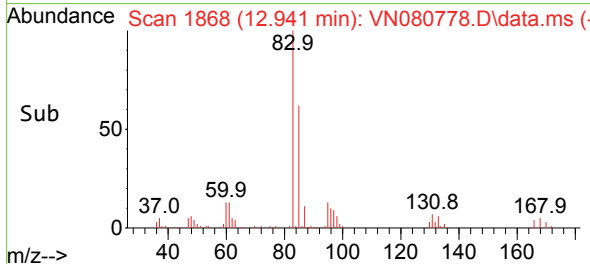
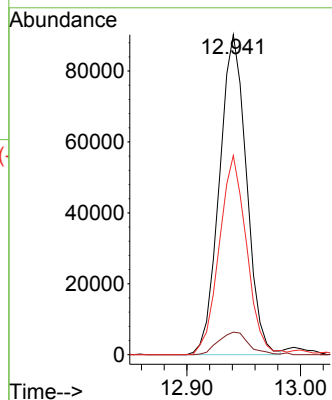
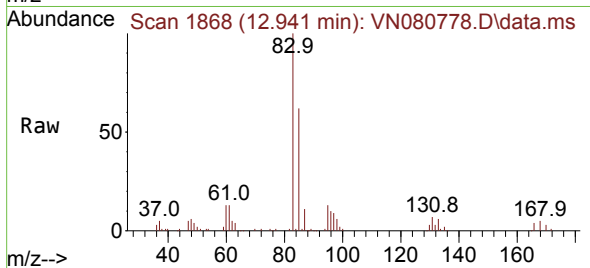
Tgt Ion: 83 Resp: 149557

Ion Ratio Lower Upper

83 100

131 8.0 5.0 15.0

85 62.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 79.881 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080778.D

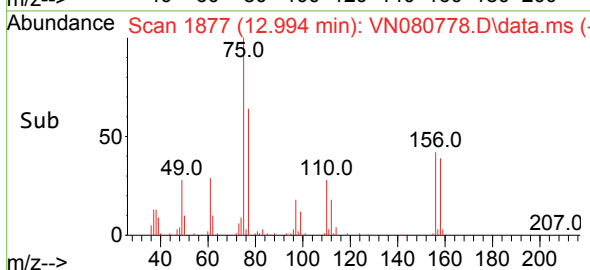
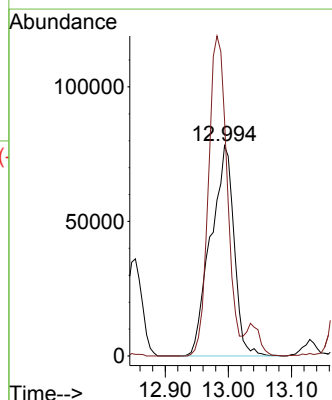
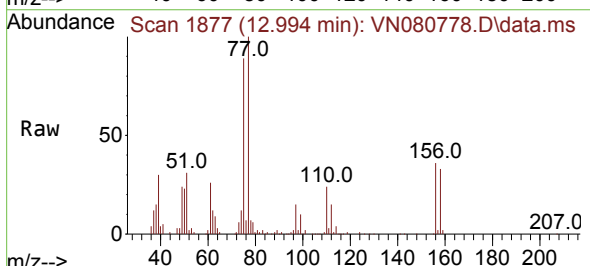
Acq: 26 Jan 2024 19:00

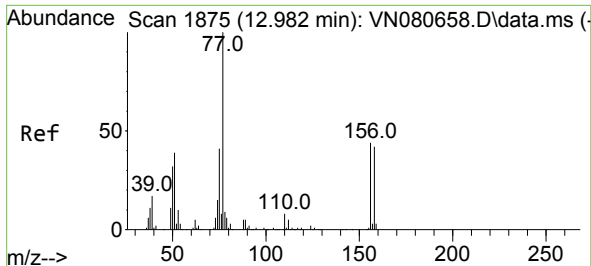
Tgt Ion: 75 Resp: 200735

Ion Ratio Lower Upper

75 100

77 122.0 84.5 253.5

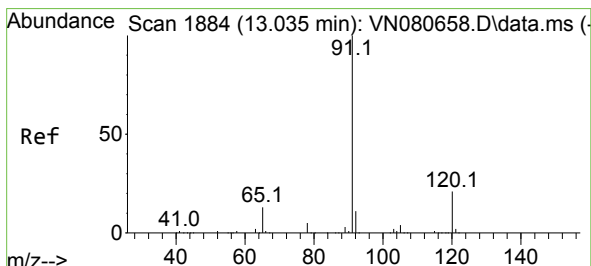
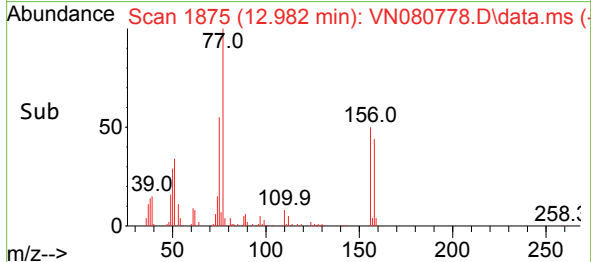
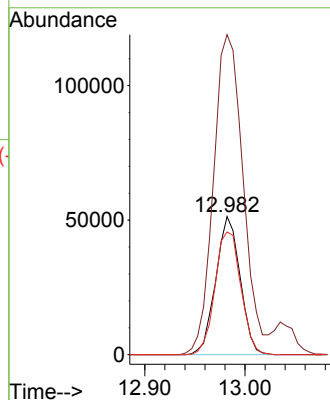
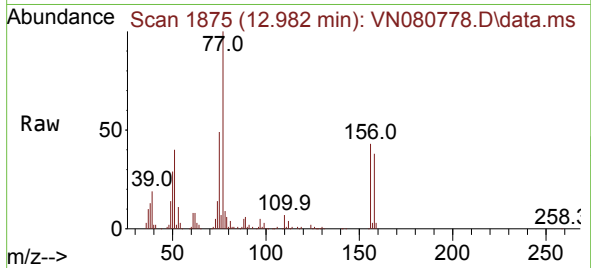




#77  
Bromobenzene  
Concen: 52.690 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

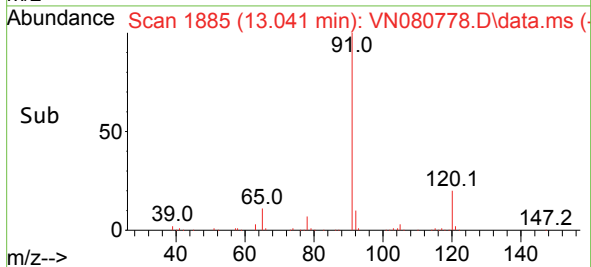
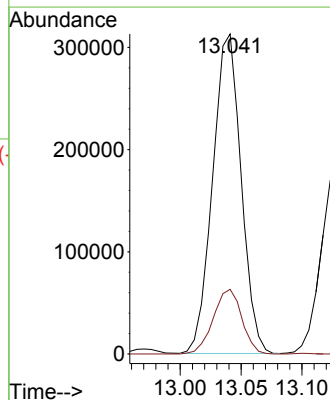
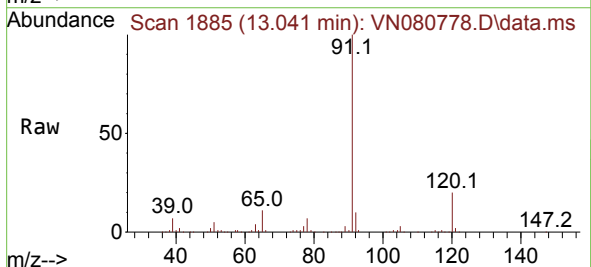
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

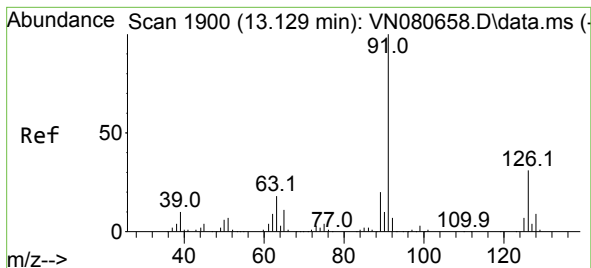
Tgt Ion:156 Resp: 86725  
Ion Ratio Lower Upper  
156 100  
77 282.5 107.7 323.3  
158 94.4 48.4 145.3



#78  
n-propylbenzene  
Concen: 53.556 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 91 Resp: 509124  
Ion Ratio Lower Upper  
91 100  
120 20.2 11.5 34.4

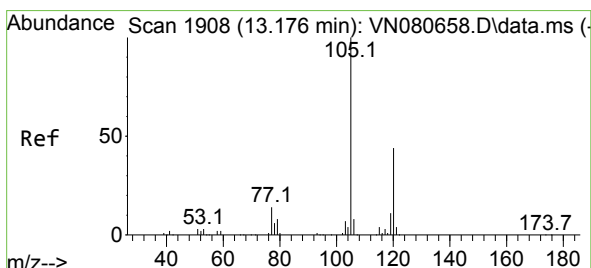
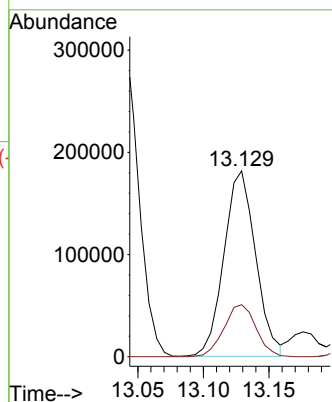
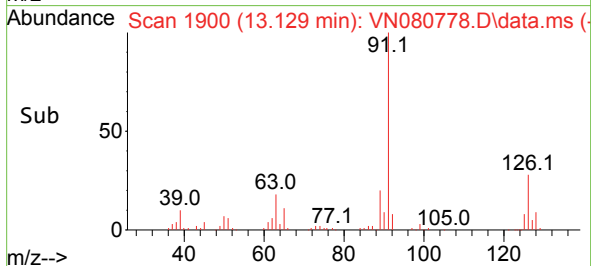
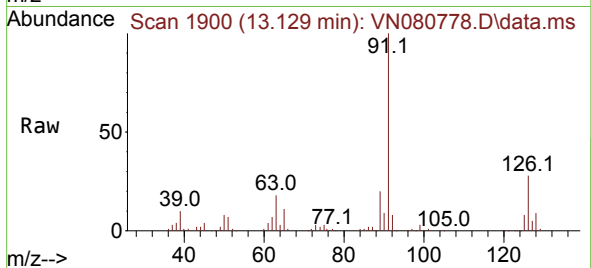




#79  
2-Chlorotoluene  
Concen: 50.197 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

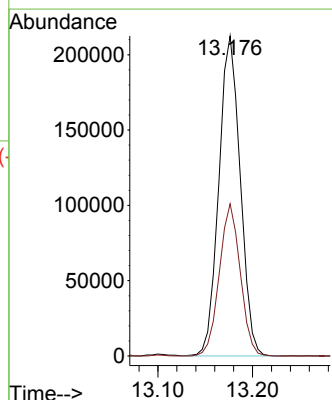
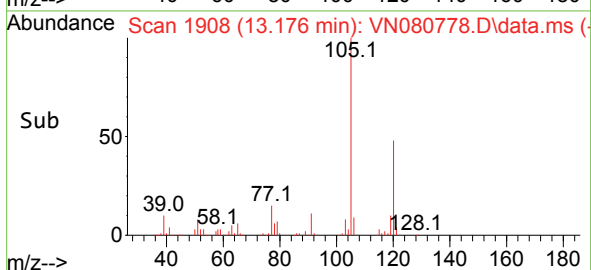
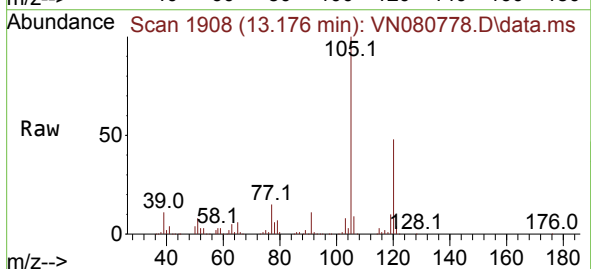
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

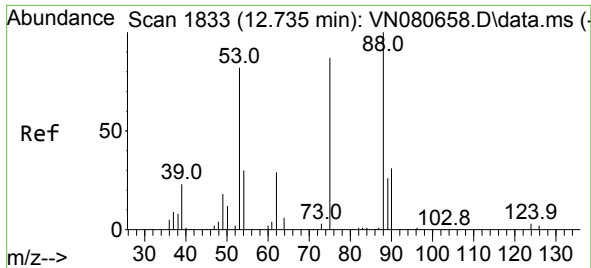
Tgt Ion: 91 Resp: 305814  
Ion Ratio Lower Upper  
91 100  
126 28.3 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 51.694 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 105 Resp: 333853  
Ion Ratio Lower Upper  
105 100  
120 46.5 24.1 72.3

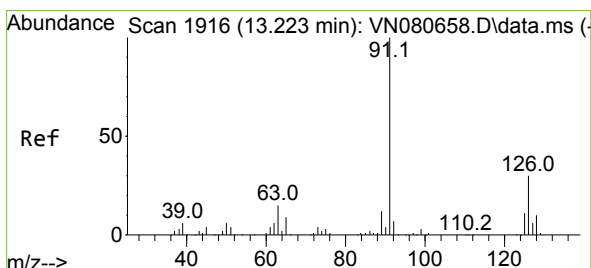
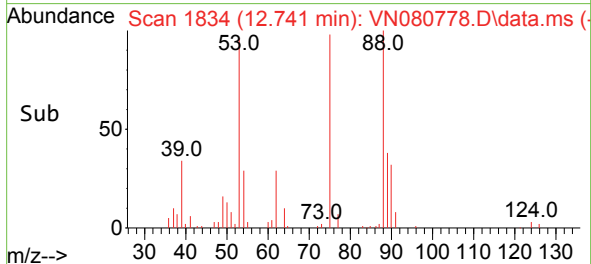
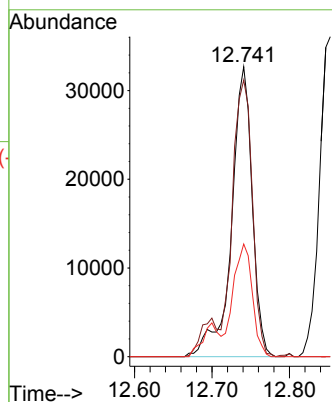
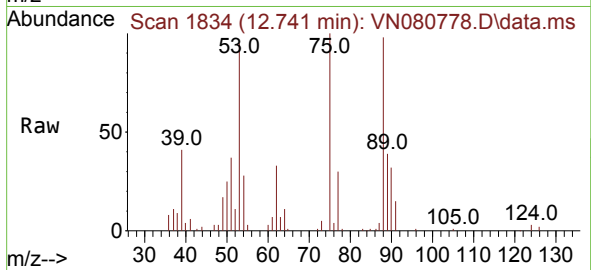




#81  
trans-1,4-Dichloro-2-butene  
Concen: 57.184 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.006 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

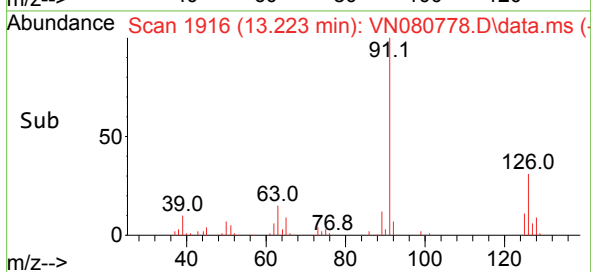
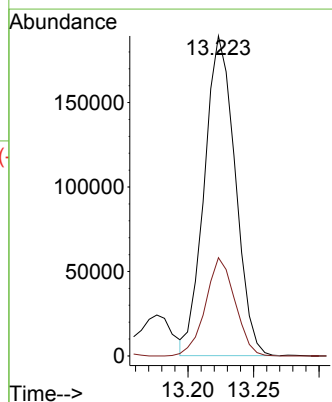
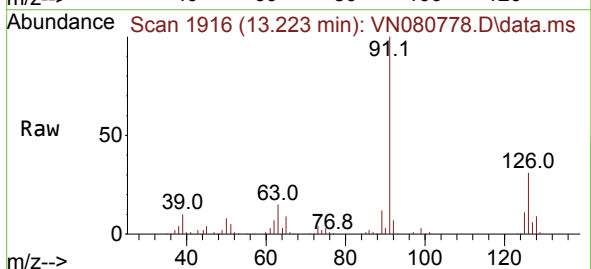
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

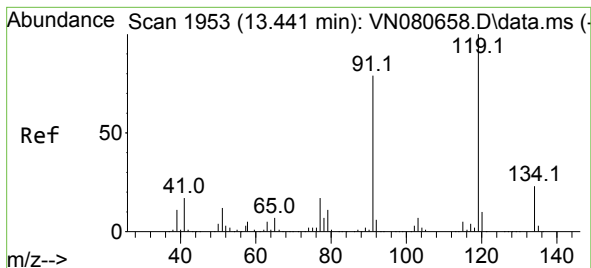
Tgt Ion: 75 Resp: 60956  
Ion Ratio Lower Upper  
75 100  
53 89.9 67.4 101.2  
89 36.1 38.8 58.2#



#82  
4-Chlorotoluene  
Concen: 51.818 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 91 Resp: 309482  
Ion Ratio Lower Upper  
91 100  
126 29.5 16.7 50.0





#83

tert-Butylbenzene

Concen: 51.562 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

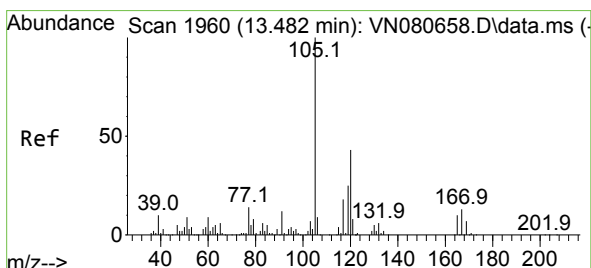
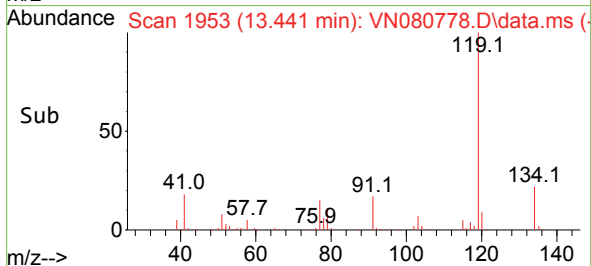
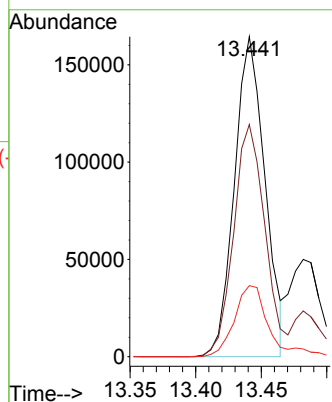
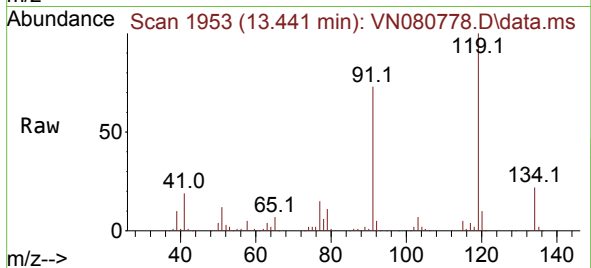
Tgt Ion:119 Resp: 266215

Ion Ratio Lower Upper

119 100

91 74.9 33.9 101.7

134 25.2 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 52.474 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080778.D

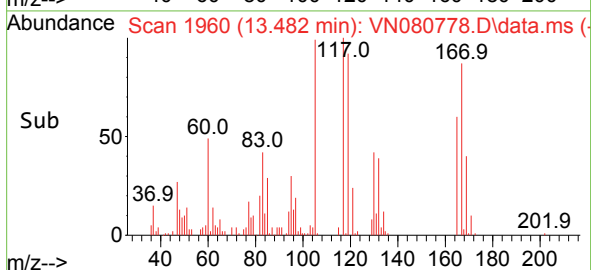
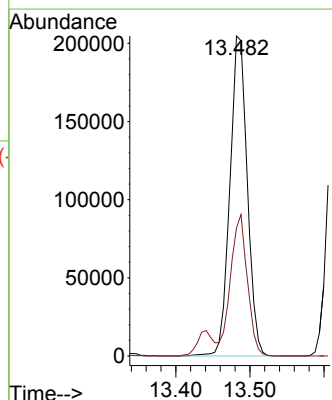
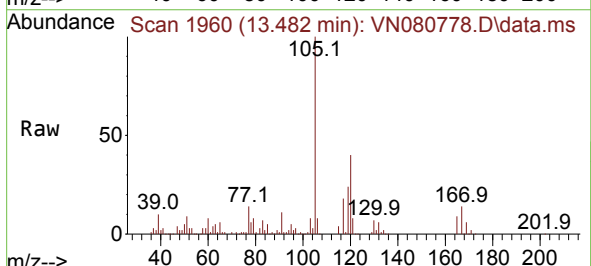
Acq: 26 Jan 2024 19:00

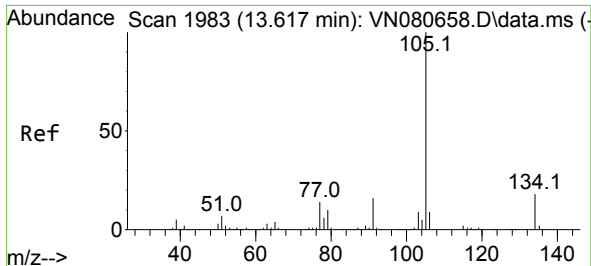
Tgt Ion:105 Resp: 333234

Ion Ratio Lower Upper

105 100

120 42.4 22.0 66.0

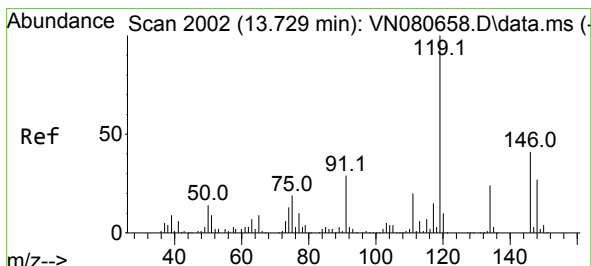
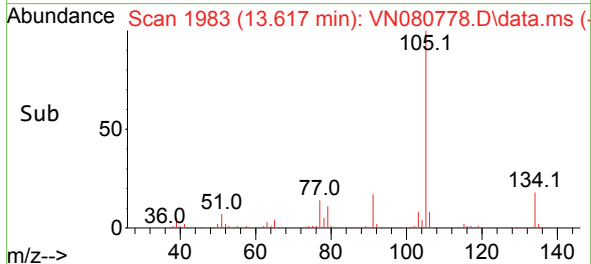
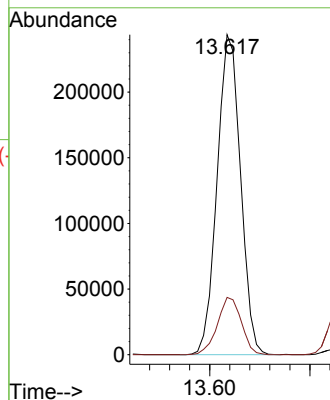
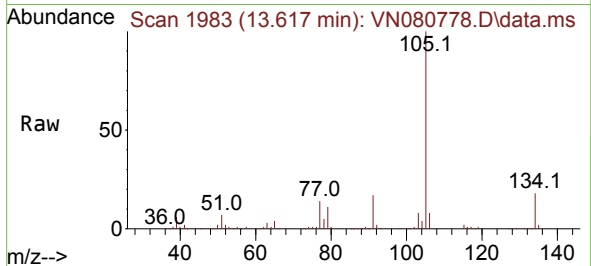




#85  
 sec-Butylbenzene  
 Concen: 53.873 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN080778.D  
 Acq: 26 Jan 2024 19:00

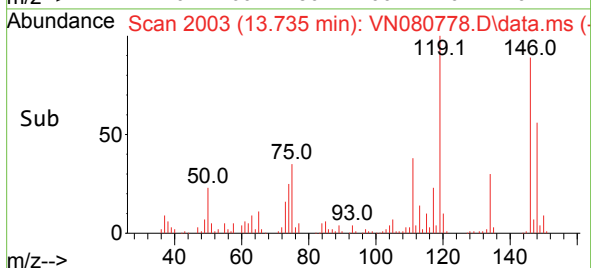
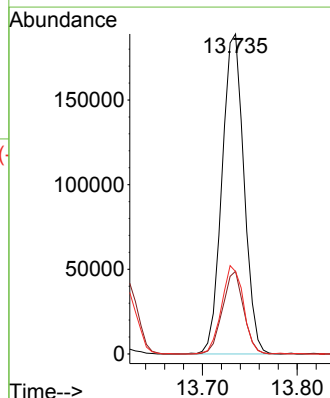
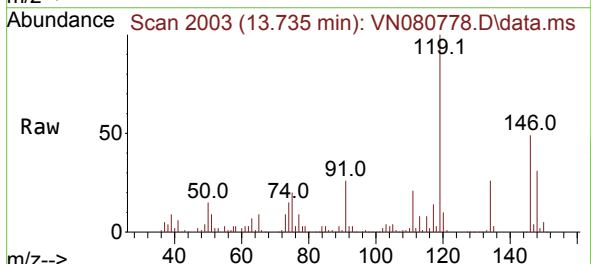
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

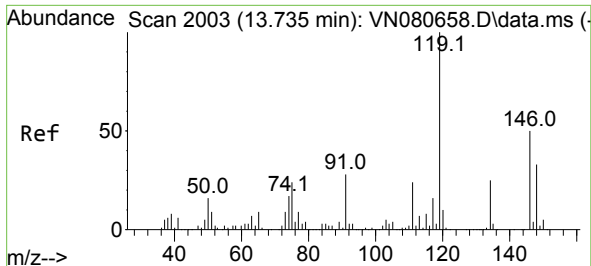
Tgt Ion:105 Resp: 395202  
 Ion Ratio Lower Upper  
 105 100  
 134 18.3 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 52.501 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.006 min  
 Lab File: VN080778.D  
 Acq: 26 Jan 2024 19:00

Tgt Ion:119 Resp: 304175  
 Ion Ratio Lower Upper  
 119 100  
 134 24.9 12.6 37.8  
 91 27.4 12.4 37.2

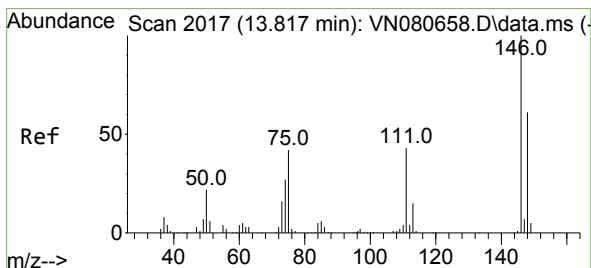
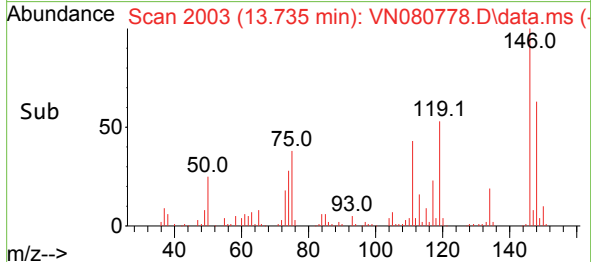
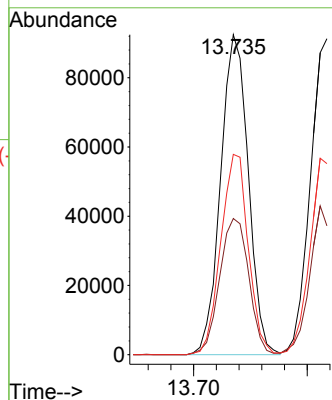
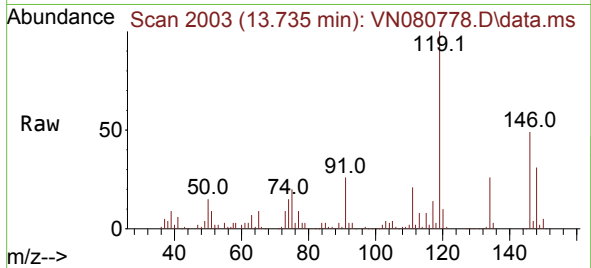




#87  
1,3-Dichlorobenzene  
Concen: 53.155 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

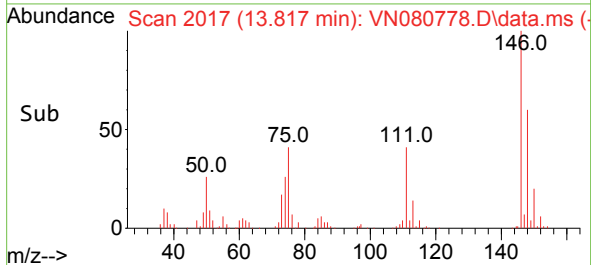
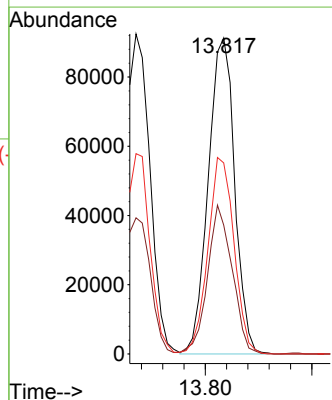
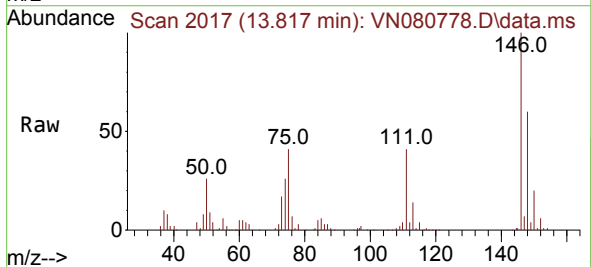
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

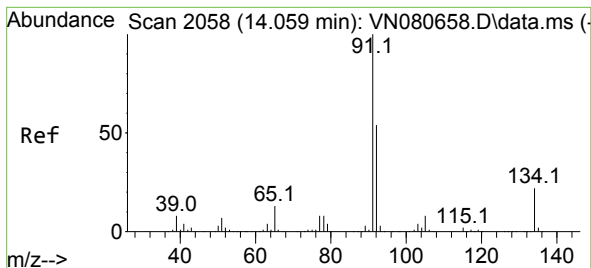
Tgt Ion:146 Resp: 156269  
Ion Ratio Lower Upper  
146 100  
111 45.0 22.1 66.3  
148 62.3 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 52.383 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion:146 Resp: 156887  
Ion Ratio Lower Upper  
146 100  
111 44.1 20.6 61.8  
148 61.5 31.6 94.8





#89

n-Butylbenzene

Concen: 51.364 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

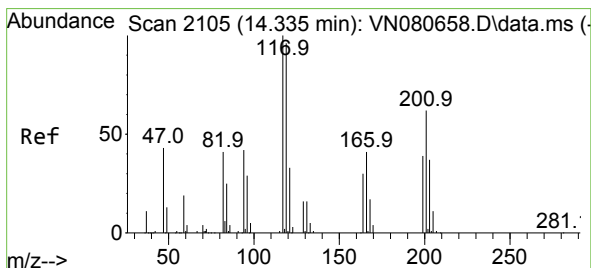
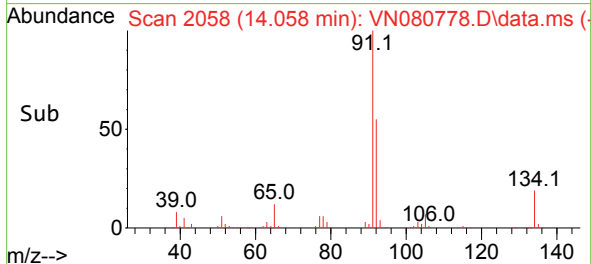
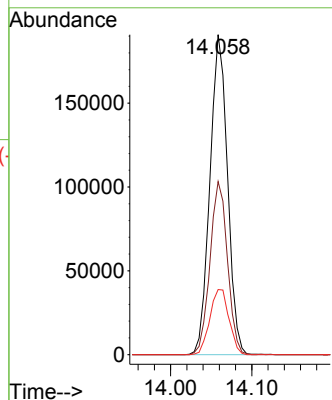
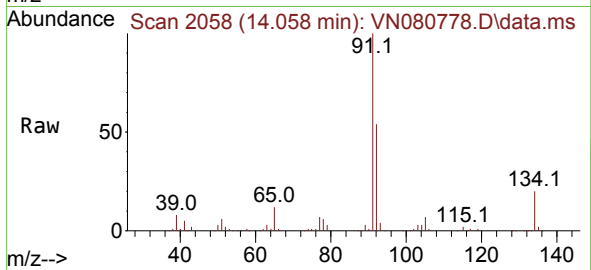
Tgt Ion: 91 Resp: 286838

Ion Ratio Lower Upper

91 100

92 53.7 26.4 79.0

134 22.2 12.6 37.6



#90

Hexachloroethane

Concen: 50.247 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080778.D

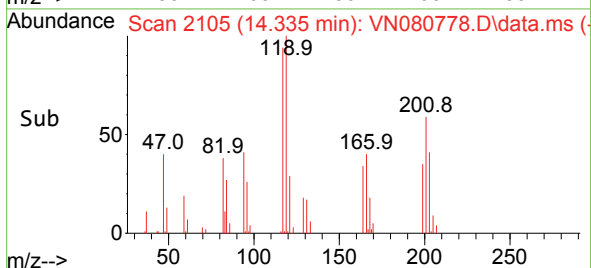
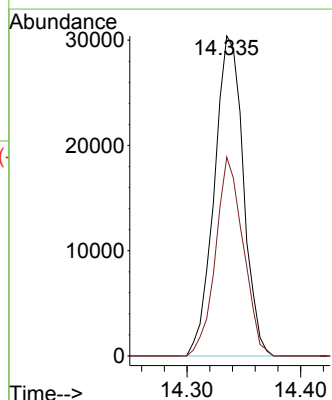
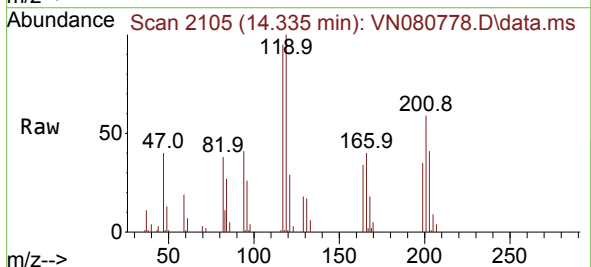
Acq: 26 Jan 2024 19:00

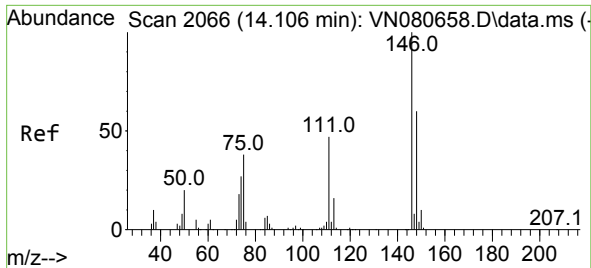
Tgt Ion: 117 Resp: 53988

Ion Ratio Lower Upper

117 100

201 59.2 29.3 88.0

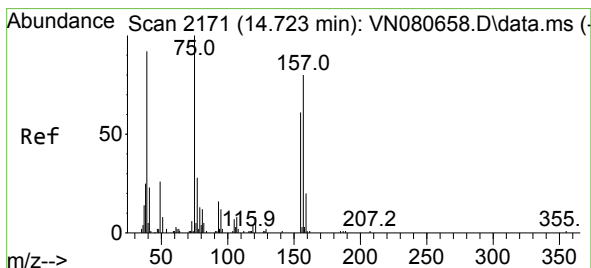
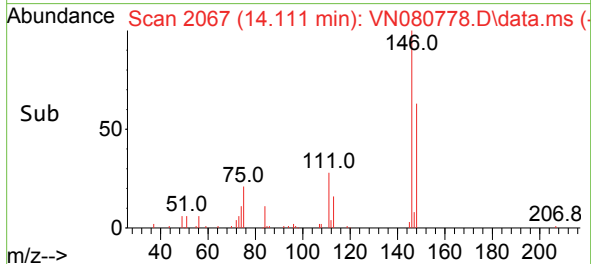
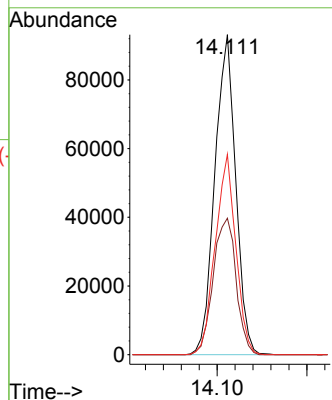
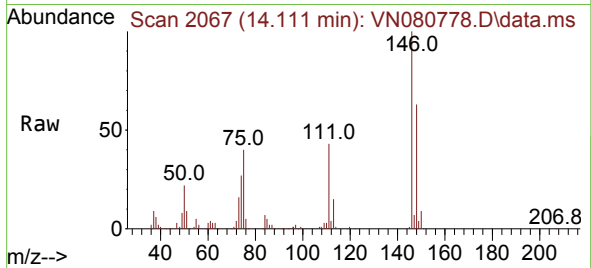




#91  
1,2-Dichlorobenzene  
Concen: 54.279 ug/l  
RT: 14.111 min Scan# 2067  
Delta R.T. 0.005 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

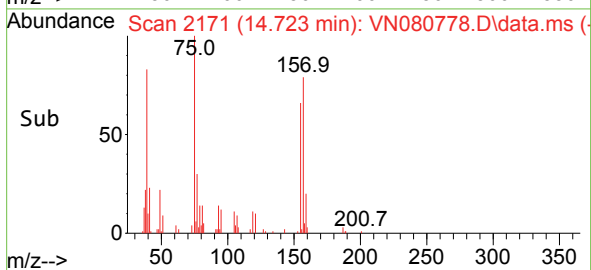
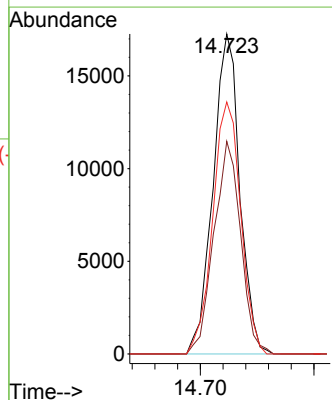
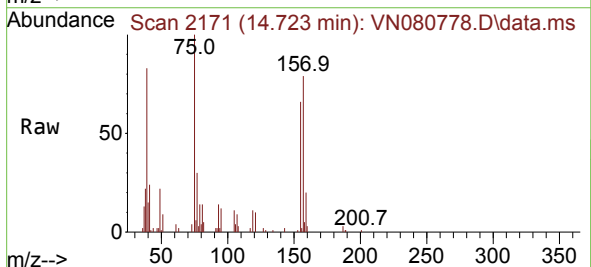
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

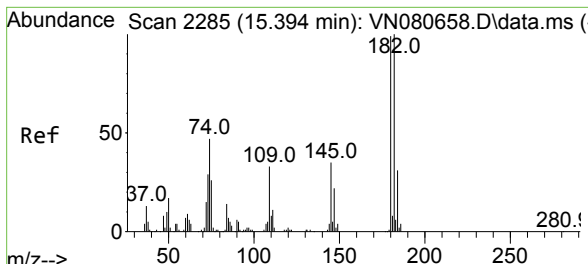
Tgt Ion:146 Resp: 150368  
Ion Ratio Lower Upper  
146 100  
111 46.9 22.0 66.0  
148 61.7 31.8 95.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.497 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: VN080778.D  
Acq: 26 Jan 2024 19:00

Tgt Ion: 75 Resp: 28223  
Ion Ratio Lower Upper  
75 100  
155 66.6 39.1 117.2  
157 82.6 50.3 150.9

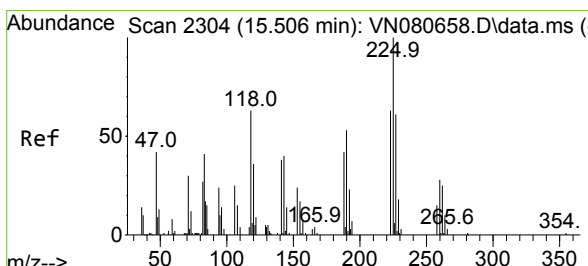
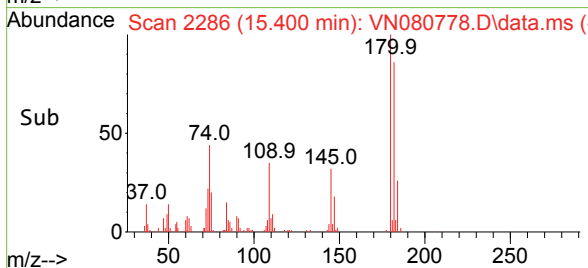
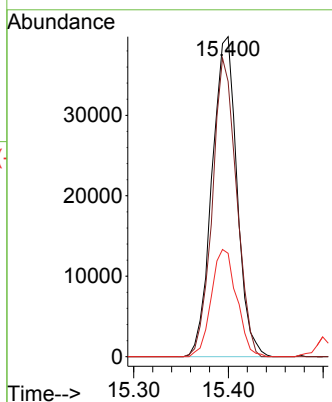
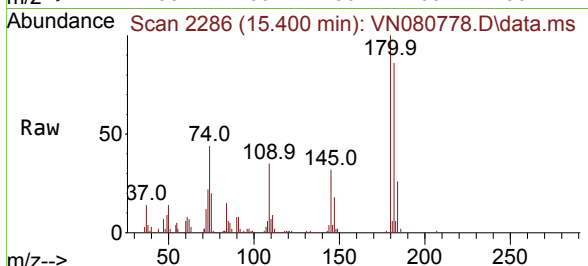




#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.555 ug/l  
 RT: 15.400 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN080778.D  
 Acq: 26 Jan 2024 19:00

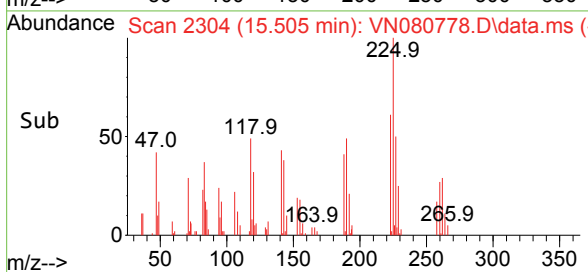
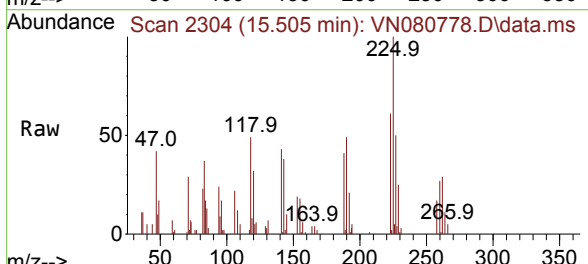
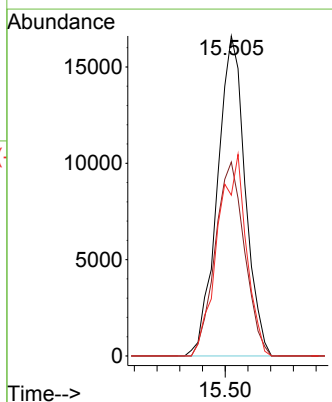
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

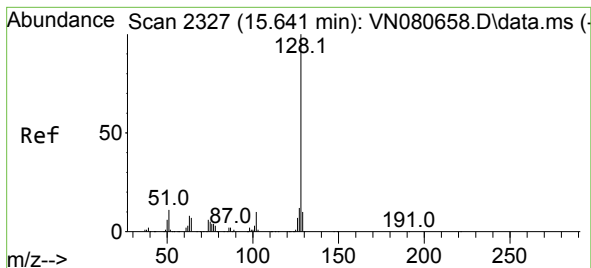
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 72940 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 89.8  | 46.1  | 138.2 |
| 145       | 33.9  | 16.6  | 49.8  |



#94  
 Hexachlorobutadiene  
 Concen: 40.884 ug/l  
 RT: 15.505 min Scan# 2304  
 Delta R.T. -0.001 min  
 Lab File: VN080778.D  
 Acq: 26 Jan 2024 19:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 28308 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.9  | 31.3  | 93.8  |
| 227       | 64.6  | 31.9  | 95.9  |





#95

Naphthalene

Concen: 50.632 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

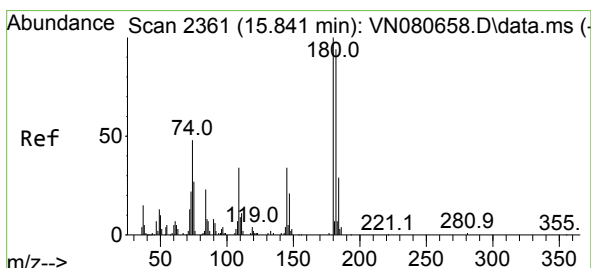
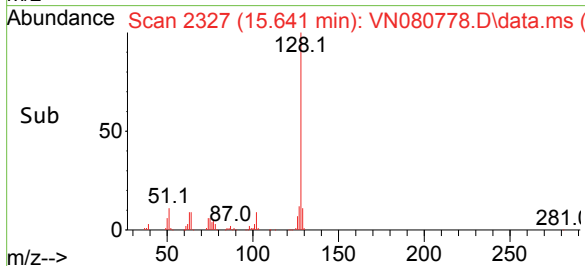
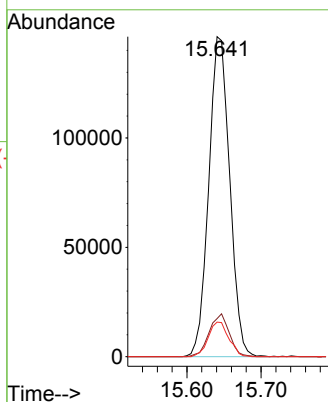
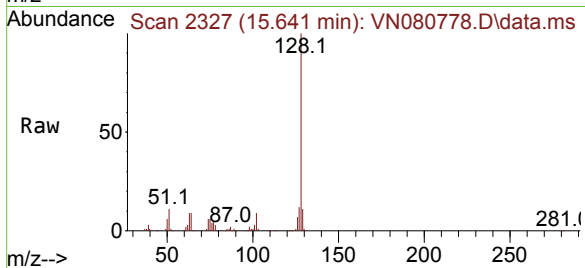
Tgt Ion:128 Resp: 287498

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.229 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Tgt Ion:180 Resp: 67354

Ion Ratio Lower Upper

180 100

182 98.5 46.2 138.6

145 37.6 17.5 52.6

