

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020724\  
 Data File : VN080928.D  
 Acq On : 07 Feb 2024 09:43  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 08 00:20:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020624W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 07 06:22:23 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 478523   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 861660   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 761633   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 330574   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 298603   | 49.466   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 98.940%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 252039   | 54.511   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 109.020% |
| 50) Toluene-d8              | 10.565 | 98    | 894297   | 53.473   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 106.940% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 319245   | 52.546   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 105.100% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 232526  | 42.891  | ug/l   | 92  |
| 3) Chloromethane             | 2.359 | 50  | 255550  | 45.372  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.512 | 62  | 305875  | 43.201  | ug/l   | 94  |
| 5) Bromomethane              | 2.953 | 94  | 190296  | 41.779  | ug/l   | 99  |
| 6) Chloroethane              | 3.118 | 64  | 204211  | 40.898  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.495 | 101 | 413575  | 44.611  | ug/l   | 94  |
| 8) Diethyl Ether             | 3.953 | 74  | 140567  | 42.440  | ug/l   | 82  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 231697  | 44.429  | ug/l   | 92  |
| 10) Methyl Iodide            | 4.589 | 142 | 233042  | 46.208  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 5.512 | 59  | 170585  | 205.096 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 221094  | 43.096  | ug/l   | 91  |
| 13) Acrolein                 | 4.177 | 56  | 229721  | 219.139 | ug/l   | 99  |
| 14) Allyl chloride           | 5.018 | 41  | 310461  | 45.673  | ug/l # | 86  |
| 15) Acrylonitrile            | 5.712 | 53  | 502013  | 220.811 | ug/l   | 99  |
| 16) Acetone                  | 4.418 | 43  | 406593  | 204.726 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.712 | 76  | 562040  | 43.434  | ug/l   | 96  |
| 18) Methyl Acetate           | 5.018 | 43  | 254745  | 42.976  | ug/l # | 88  |
| 19) Methyl tert-butyl Ether  | 5.789 | 73  | 780858  | 45.694  | ug/l   | 93  |
| 20) Methylene Chloride       | 5.271 | 84  | 255436  | 42.452  | ug/l   | 88  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 248018  | 43.066  | ug/l   | 86  |
| 22) Diisopropyl ether        | 6.665 | 45  | 745370  | 47.307  | ug/l # | 94  |
| 23) Vinyl Acetate            | 6.600 | 43  | 2672186 | 257.378 | ug/l # | 89  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 459245  | 44.756  | ug/l   | 98  |
| 25) 2-Butanone               | 7.477 | 43  | 655140  | 205.519 | ug/l # | 86  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 438774  | 46.762  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 303047  | 45.286  | ug/l   | 87  |
| 28) Bromochloromethane       | 7.812 | 49  | 216264  | 50.651  | ug/l # | 57  |
| 29) Tetrahydrofuran          | 7.836 | 42  | 404288  | 207.438 | ug/l # | 80  |
| 30) Chloroform               | 7.965 | 83  | 509084  | 44.893  | ug/l   | 98  |
| 31) Cyclohexane              | 8.253 | 56  | 339113  | 41.103  | ug/l # | 77  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 455950  | 46.402  | ug/l   | 92  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 362897  | 52.759  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.559 | 43  | 265537  | 51.019  | ug/l # | 97  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 375731  | 53.286  | ug/l   | 93  |
| 39) Methylcyclohexane        | 9.600 | 83  | 342866  | 44.724  | ug/l   | 87  |
| 40) Benzene                  | 8.606 | 78  | 1083190 | 51.734  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020724\  
 Data File : VN080928.D  
 Acq On : 07 Feb 2024 09:43  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050

Quant Time: Feb 08 00:20:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020624W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 07 06:22:23 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 149101   | 48.070  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 369122   | 50.633  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 479185   | 50.068  | ug/l # | 91       |
| 44) Trichloroethene           | 9.353  | 130  | 282831   | 44.472  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 262784   | 46.517  | ug/l   | 99       |
| 46) Dibromomethane            | 9.706  | 93   | 193913   | 46.420  | ug/l # | 90       |
| 47) Bromodichloromethane      | 9.888  | 83   | 400884   | 49.062  | ug/l # | 99       |
| 48) Methyl methacrylate       | 9.677  | 41   | 216613   | 40.171  | ug/l # | 83       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 72978    | 732.977 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1366055  | 236.844 | ug/l   | 91       |
| 52) Toluene                   | 10.629 | 92   | 692494   | 49.378  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 427711   | 54.097  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 454888   | 51.256  | ug/l   | 89       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 268247   | 49.487  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 373953   | 57.670  | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 453487   | 51.566  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 940493   | 238.906 | ug/l # | 84       |
| 59) 2-Hexanone                | 11.194 | 43   | 1054725  | 241.271 | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.359 | 129  | 294351   | 53.145  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 272743   | 50.442  | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.106 | 164  | 242293   | 42.146  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.894 | 112  | 725634   | 45.460  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 272194   | 47.256  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 1285403  | 46.748  | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.071 | 106  | 987362   | 94.517  | ug/l   | 95       |
| 69) o-Xylene                  | 12.400 | 106  | 490369   | 48.376  | ug/l   | 92       |
| 70) Styrene                   | 12.412 | 104  | 815761   | 53.622  | ug/l   | 96       |
| 71) Bromoform                 | 12.576 | 173  | 188805   | 48.940  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.694 | 105  | 1188352  | 46.223  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.494 | 43   | 415906   | 44.879  | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 341382   | 42.685  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 450074   | 66.774  | ug/l   | 65       |
| 77) Bromobenzene              | 12.982 | 156  | 291641   | 44.958  | ug/l   | 70       |
| 78) n-propylbenzene           | 13.035 | 91   | 1378372  | 47.487  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 849991   | 46.338  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 989413   | 47.348  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 113011   | 45.553  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 846394   | 46.247  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 820234   | 46.048  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 986179   | 47.383  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 1149365  | 48.019  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 949438   | 46.937  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 523494   | 45.314  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 533828   | 45.534  | ug/l   | 96       |
| 89) n-Butylbenzene            | 14.059 | 91   | 831328   | 46.525  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 159331   | 49.953  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 512176   | 46.275  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 62604    | 41.849  | ug/l   | 74       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 257774   | 47.082  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 107593   | 45.328  | ug/l   | 95       |
| 95) Naphthalene               | 15.641 | 128  | 845064   | 46.748  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 244639   | 45.394  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020724\  
Data File : VN080928.D  
Acq On : 07 Feb 2024 09:43  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Feb 08 00:20:41 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020624W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 07 06:22:23 2024  
Response via : Initial Calibration

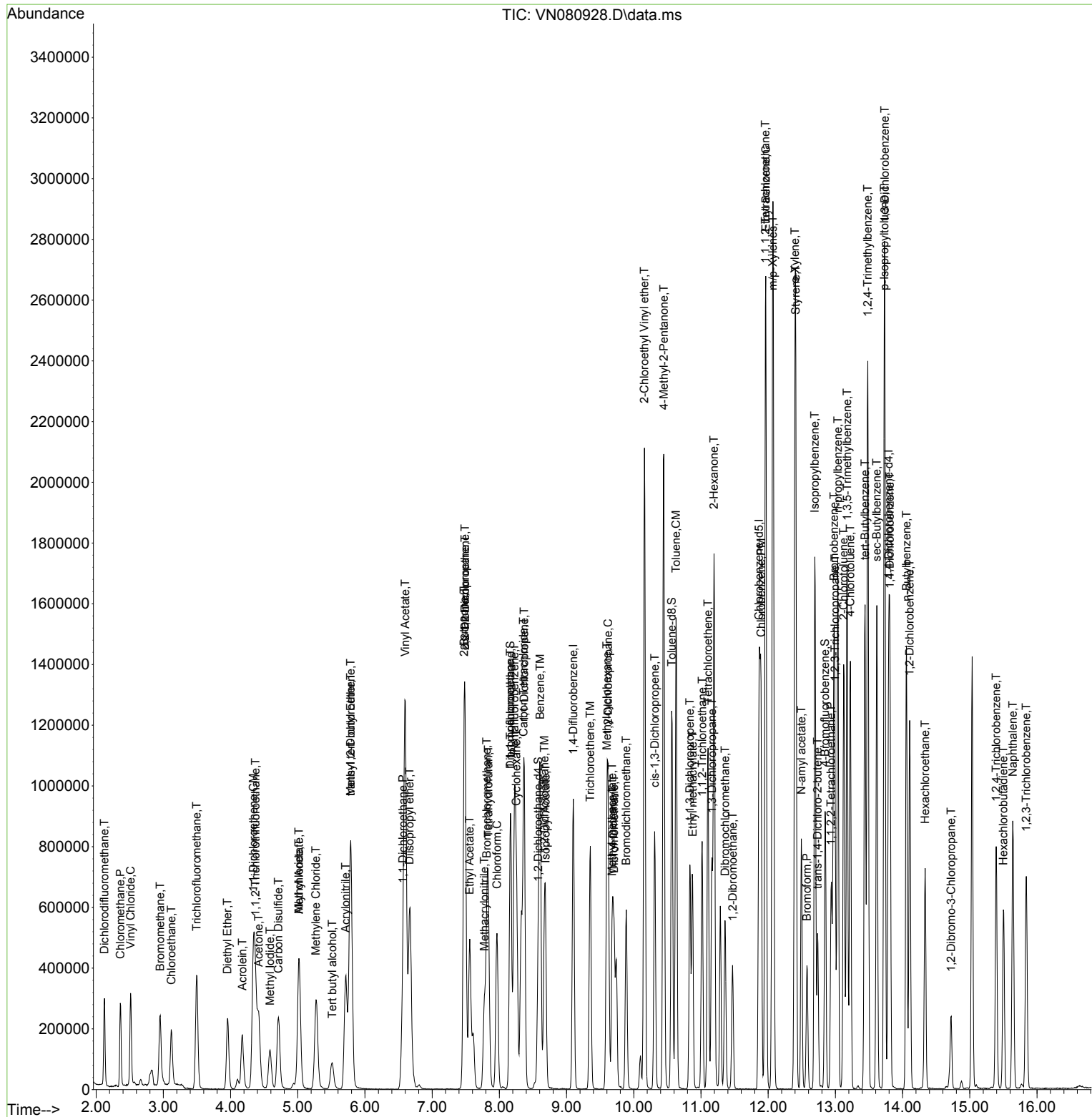
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

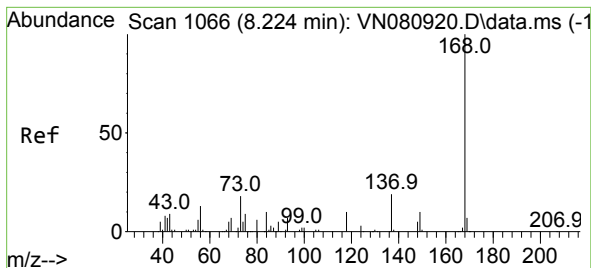
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020724\  
 Data File : VN080928.D  
 Acq On : 07 Feb 2024 09:43  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 08 00:20:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020624W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 07 06:22:23 2024  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

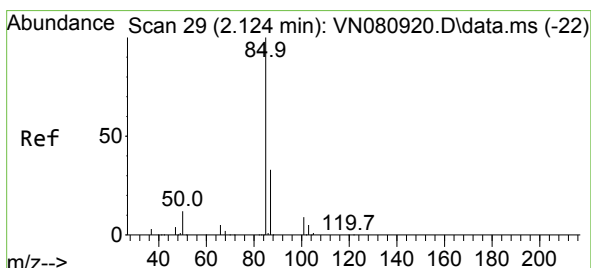
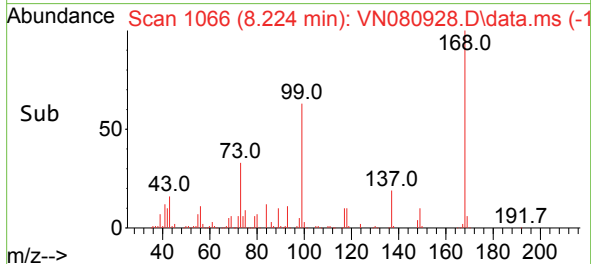
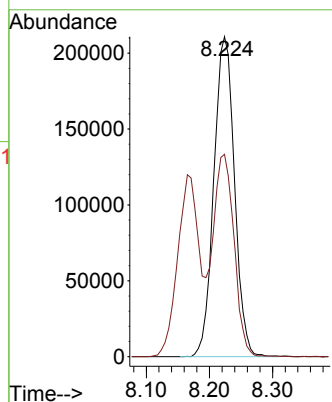
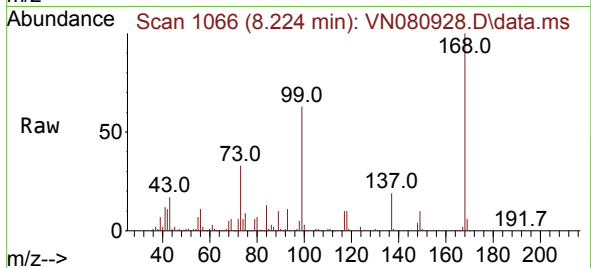
VSTDCCC050

Tgt Ion:168 Resp: 478523

Ion Ratio Lower Upper

168 100

99 63.1 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 42.891 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN080928.D

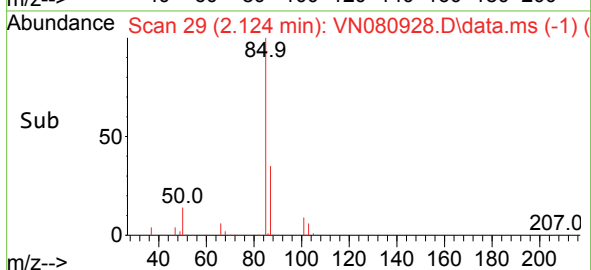
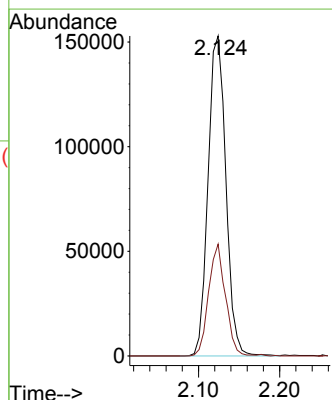
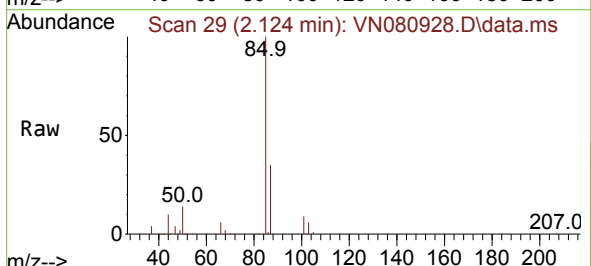
Acq: 07 Feb 2024 09:43

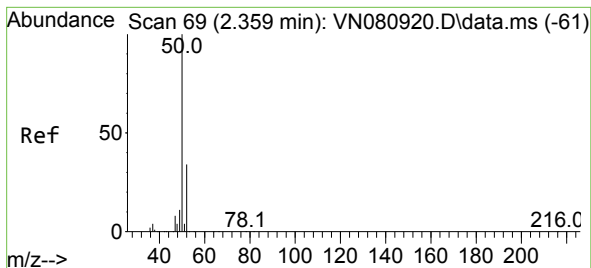
Tgt Ion: 85 Resp: 232526

Ion Ratio Lower Upper

85 100

87 34.9 15.3 45.9





#3

Chloromethane

Concen: 45.372 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

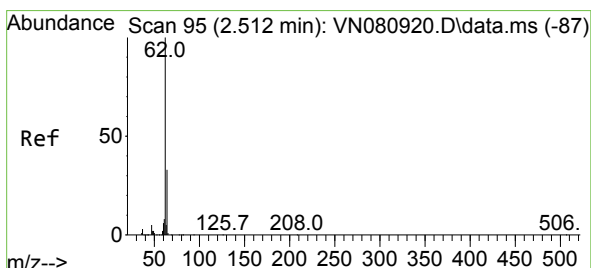
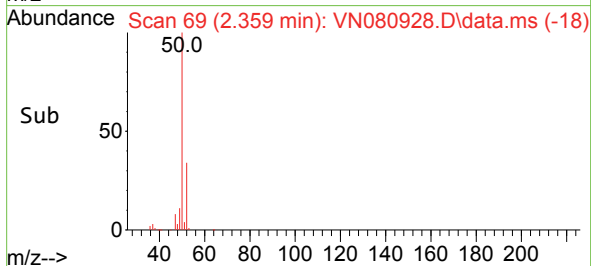
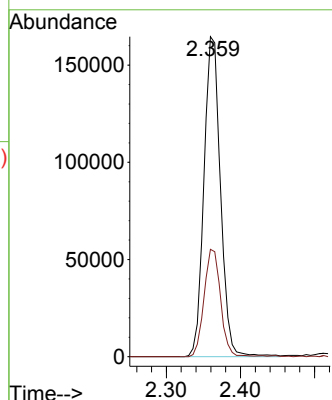
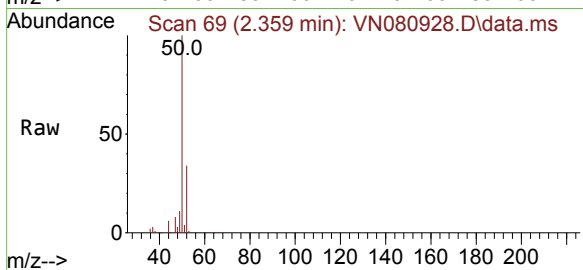
VSTDCCC050

Tgt Ion: 50 Resp: 255550

Ion Ratio Lower Upper

50 100

52 33.5 25.0 37.4



#4

Vinyl Chloride

Concen: 43.201 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN080928.D

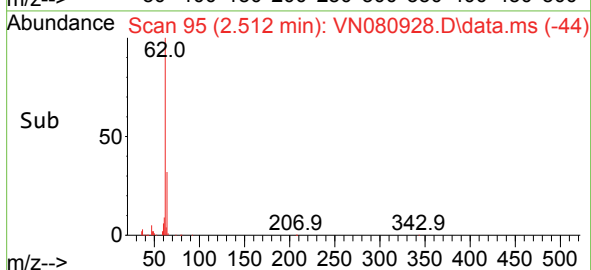
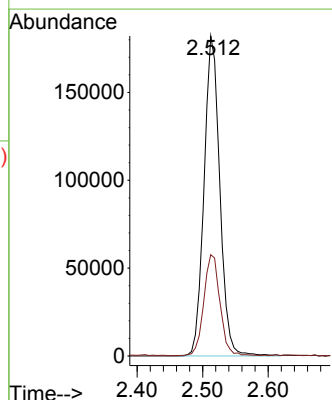
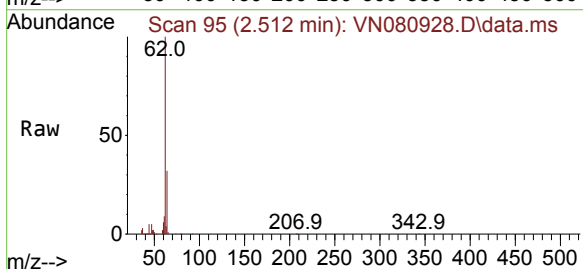
Acq: 07 Feb 2024 09:43

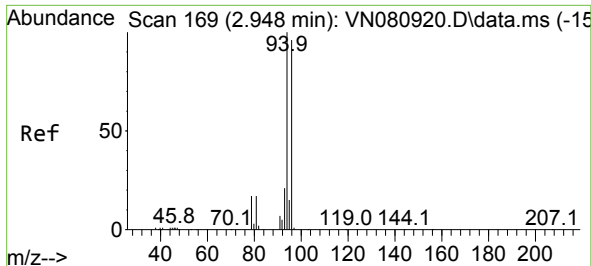
Tgt Ion: 62 Resp: 305875

Ion Ratio Lower Upper

62 100

64 31.5 22.7 34.1

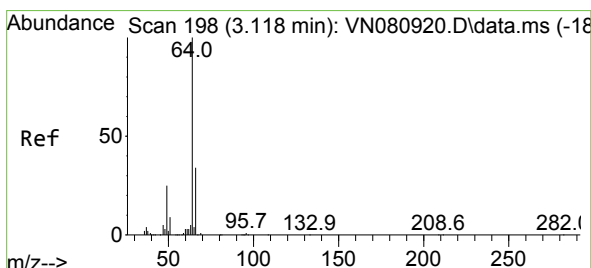
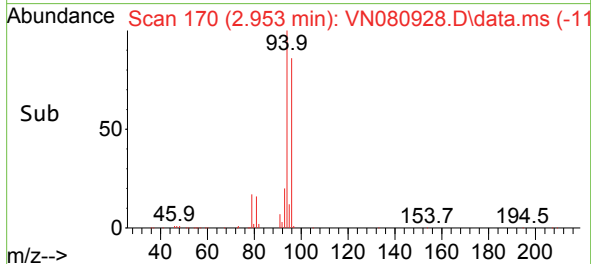
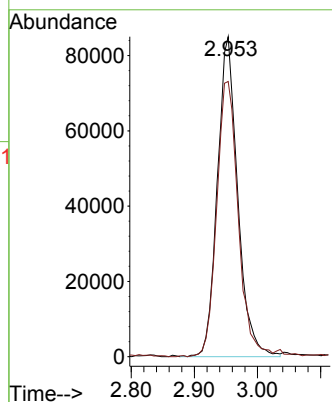
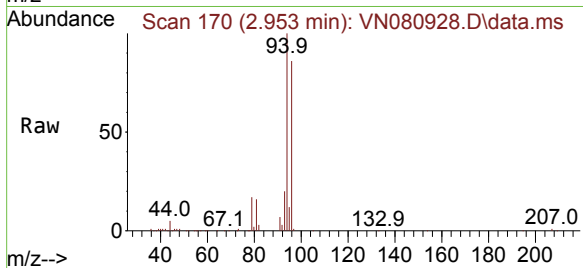




#5  
Bromomethane  
Concen: 41.779 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

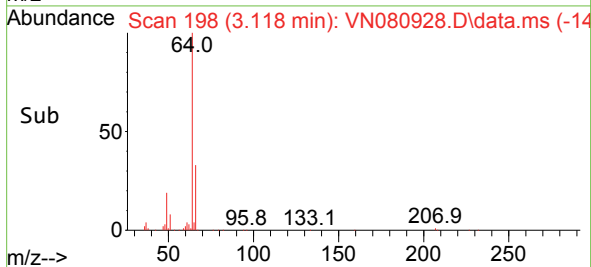
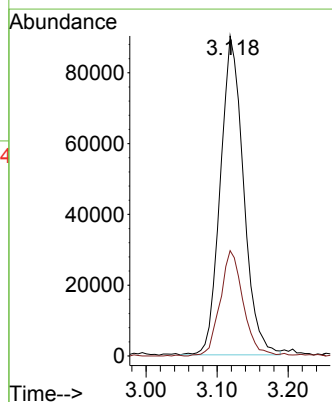
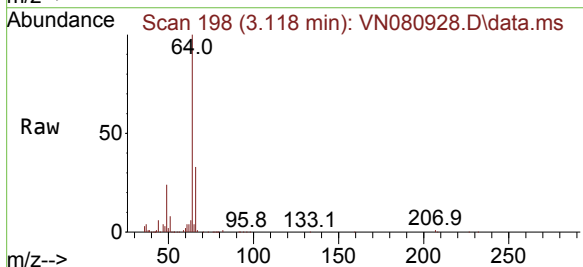
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

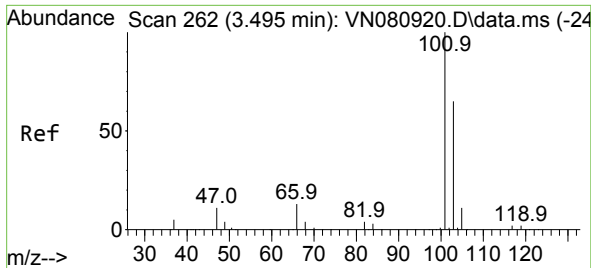
Tgt Ion: 94 Resp: 190296  
Ion Ratio Lower Upper  
94 100  
96 85.7 69.2 103.8



#6  
Chloroethane  
Concen: 40.898 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 64 Resp: 204211  
Ion Ratio Lower Upper  
64 100  
66 32.8 26.4 39.6

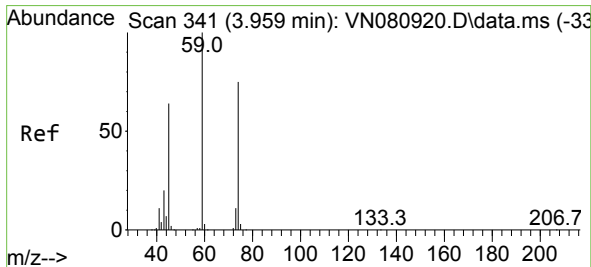
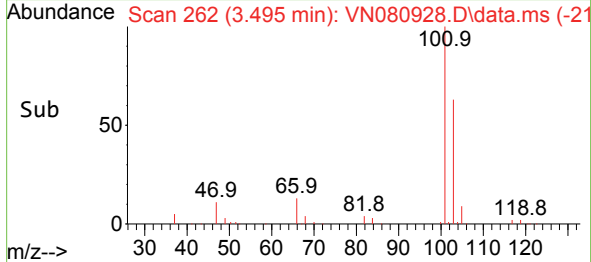
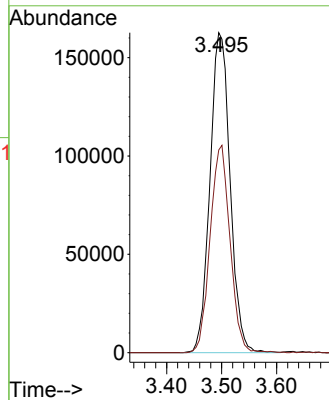
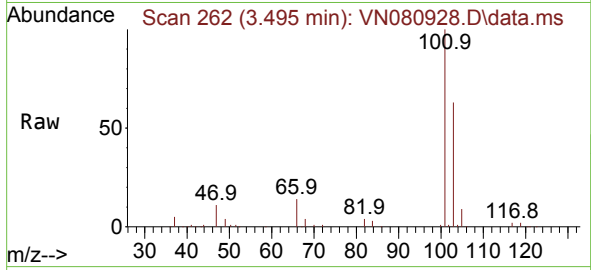




#7  
Trichlorofluoromethane  
Concen: 44.611 ug/l  
RT: 3.495 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

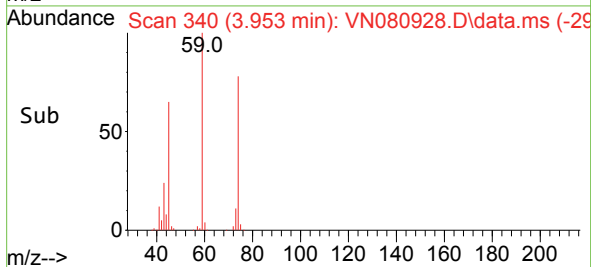
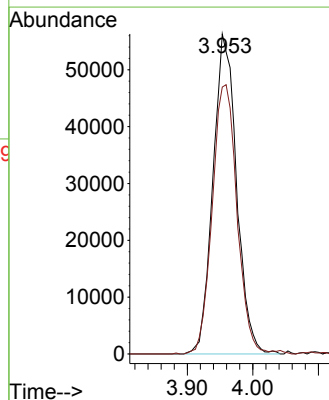
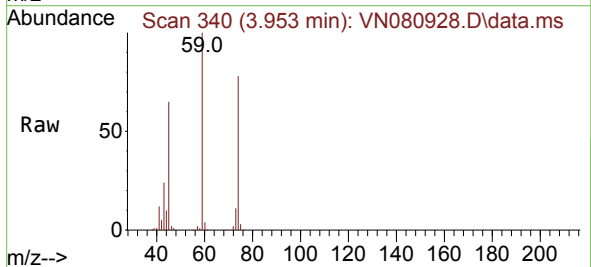
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

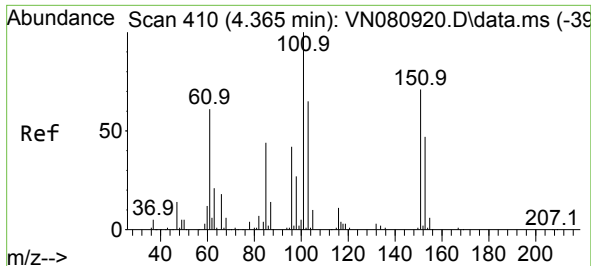
Tgt Ion:101 Resp: 413575  
Ion Ratio Lower Upper  
101 100  
103 63.4 54.4 81.6



#8  
Diethyl Ether  
Concen: 42.440 ug/l  
RT: 3.953 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 74 Resp: 140567  
Ion Ratio Lower Upper  
74 100  
45 88.0 53.3 159.9

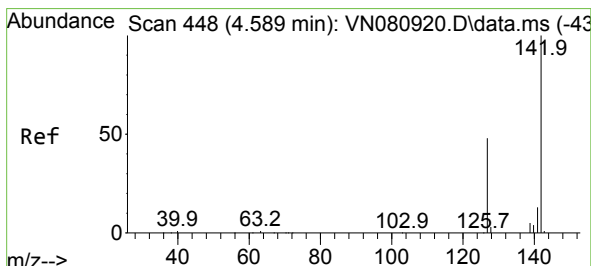
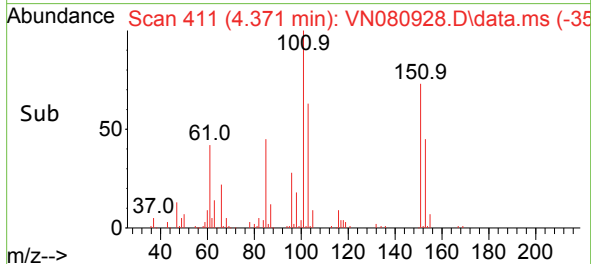
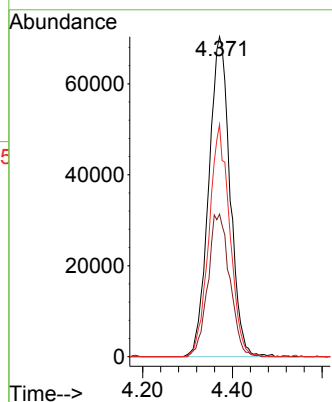
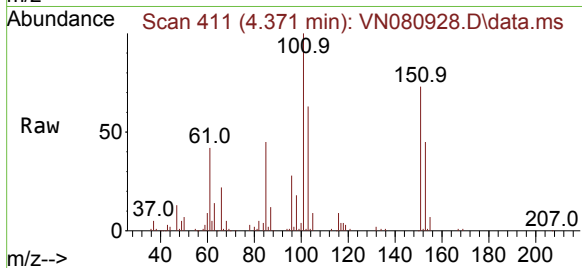




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.429 ug/l  
RT: 4.371 min Scan# 410  
Delta R.T. 0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

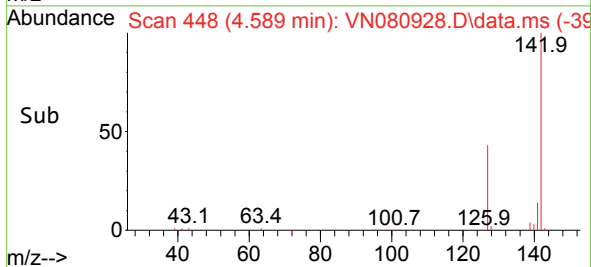
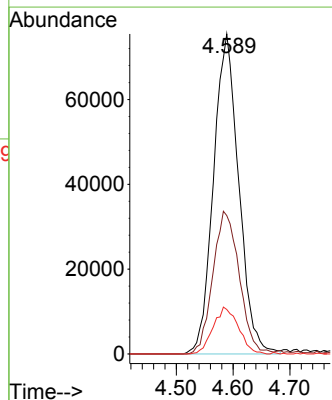
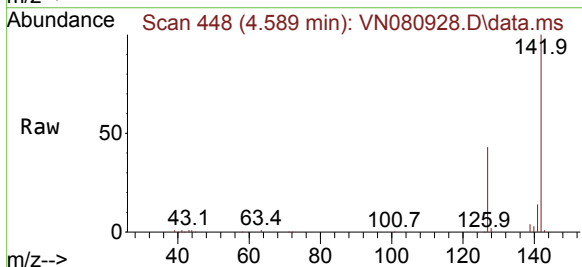
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

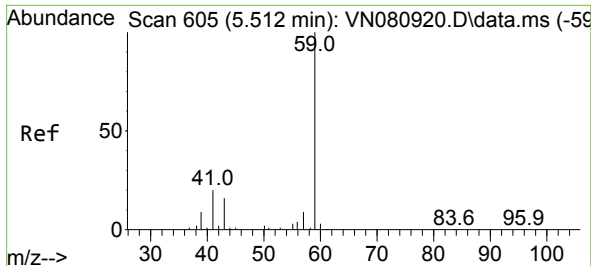
Tgt Ion:101 Resp: 231697  
Ion Ratio Lower Upper  
101 100  
85 45.9 38.1 57.1  
151 70.5 49.1 73.7



#10  
Methyl Iodide  
Concen: 46.208 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion:142 Resp: 233042  
Ion Ratio Lower Upper  
142 100  
127 43.3 37.0 55.4  
141 13.9 12.5 18.7

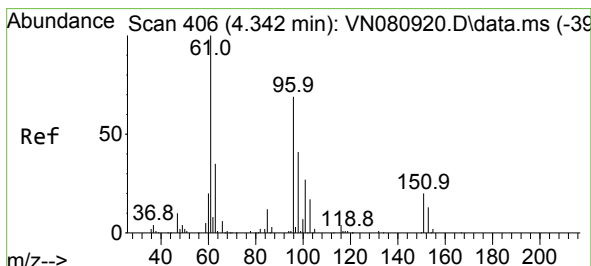
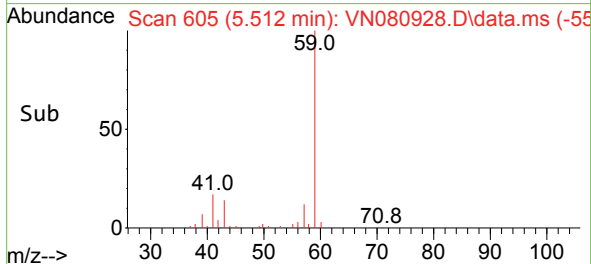
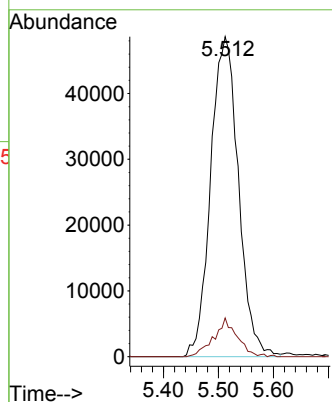
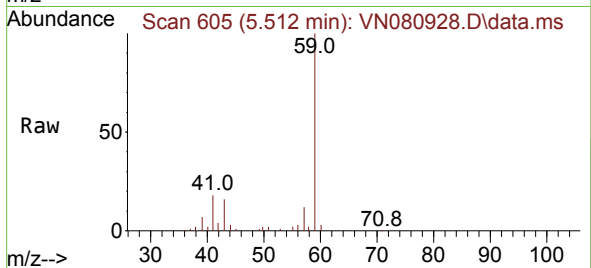




#11  
Tert butyl alcohol  
Concen: 205.096 ug/l  
RT: 5.512 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

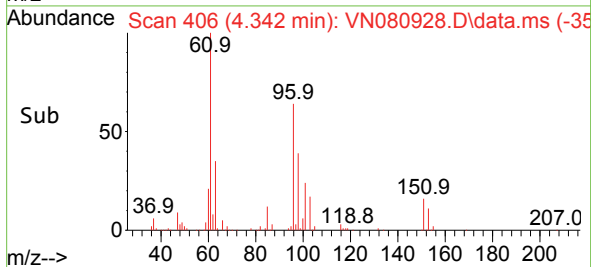
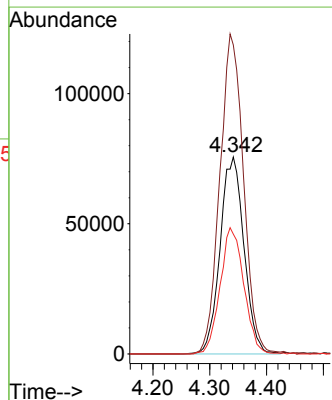
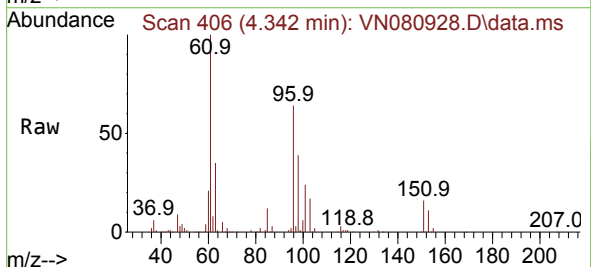
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

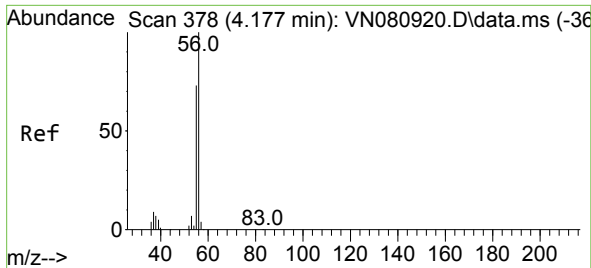
Tgt Ion: 59 Resp: 170585  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 43.096 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 96 Resp: 221094  
Ion Ratio Lower Upper  
96 100  
61 156.8 138.2 207.4  
98 60.8 49.2 73.8

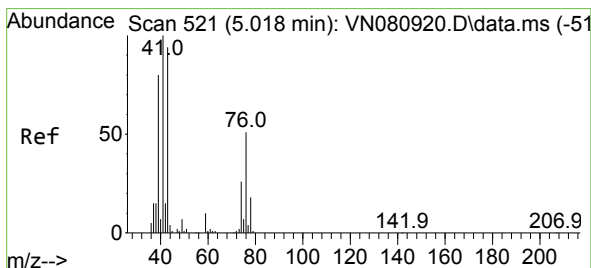
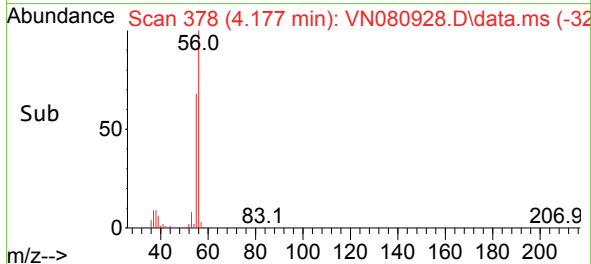
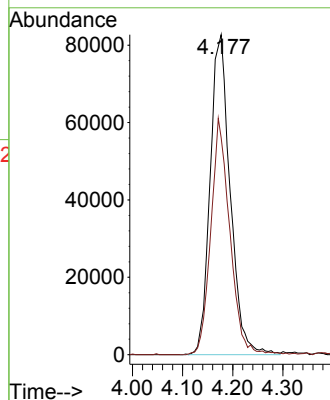
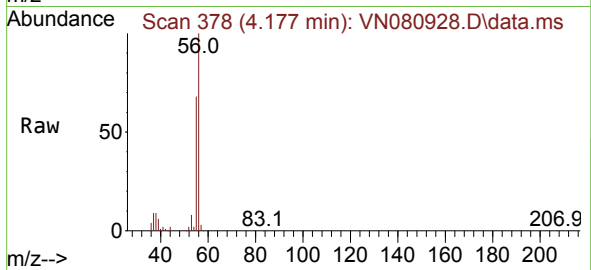




#13  
Acrolein  
Concen: 219.139 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

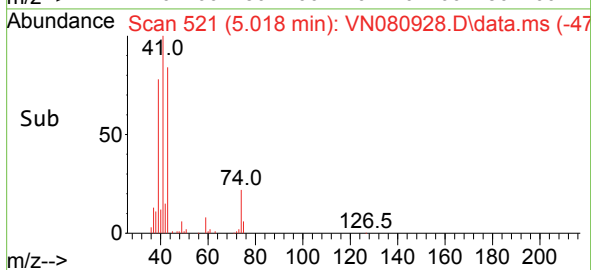
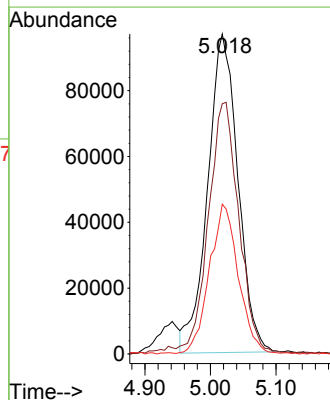
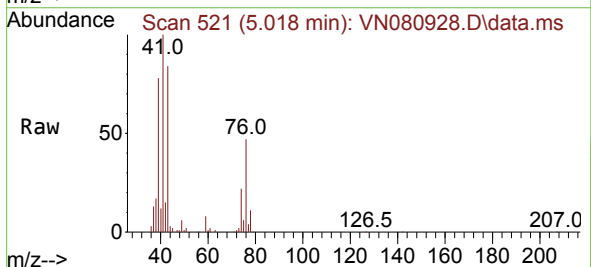
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

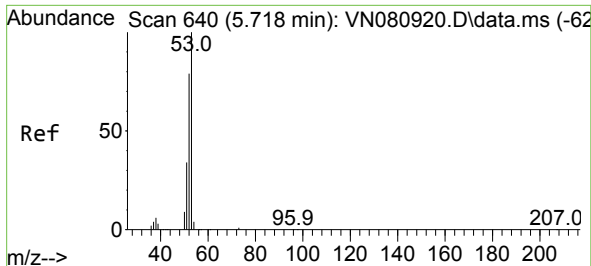
Tgt Ion: 56 Resp: 229721  
Ion Ratio Lower Upper  
56 100  
55 70.2 55.3 82.9



#14  
Allyl chloride  
Concen: 45.673 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 41 Resp: 310461  
Ion Ratio Lower Upper  
41 100  
39 81.0 57.7 86.5  
76 45.3 26.8 40.2#

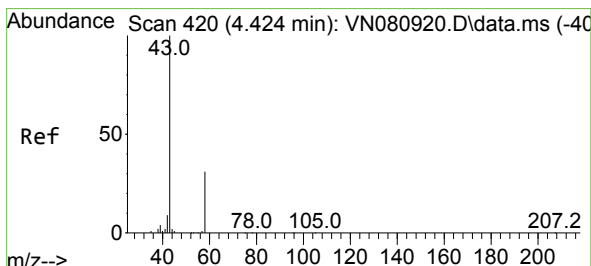
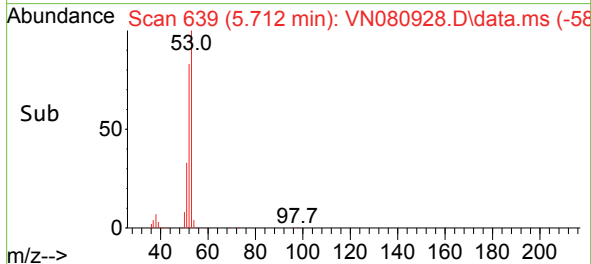
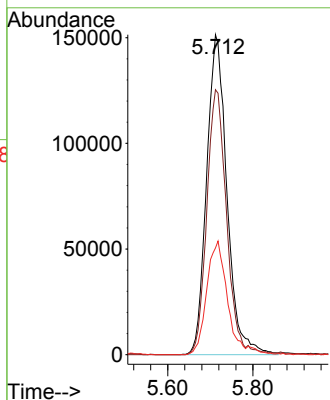
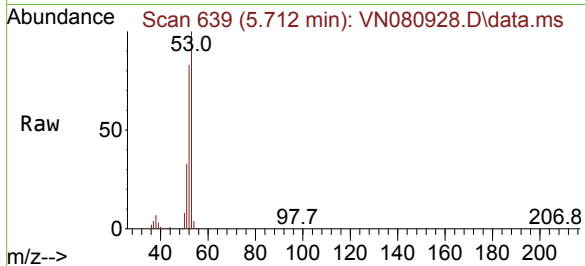




#15  
Acrylonitrile  
Concen: 220.811 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

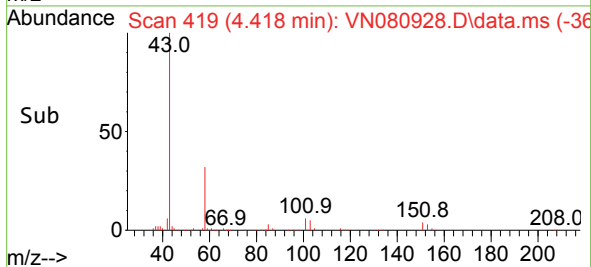
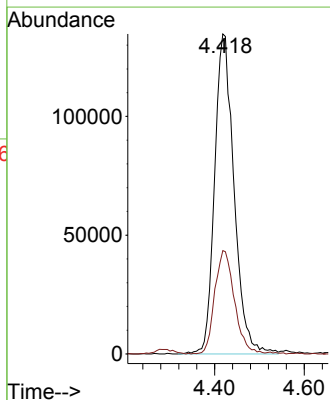
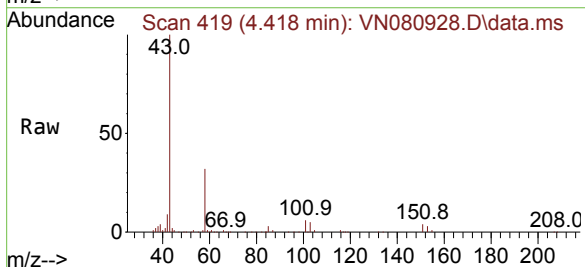
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

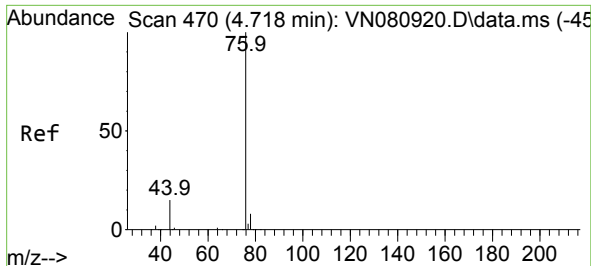
Tgt Ion: 53 Resp: 502013  
Ion Ratio Lower Upper  
53 100  
52 80.7 64.8 97.2  
51 35.2 26.9 40.3



#16  
Acetone  
Concen: 204.726 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 43 Resp: 406593  
Ion Ratio Lower Upper  
43 100  
58 32.0 24.8 37.2

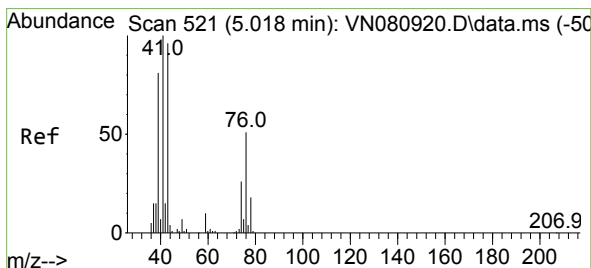
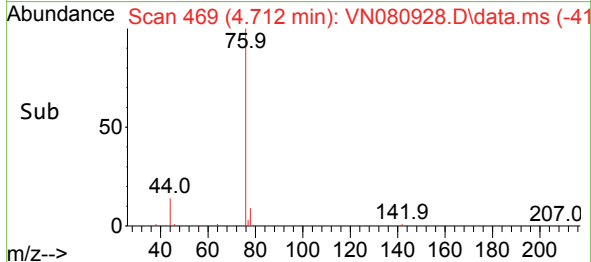
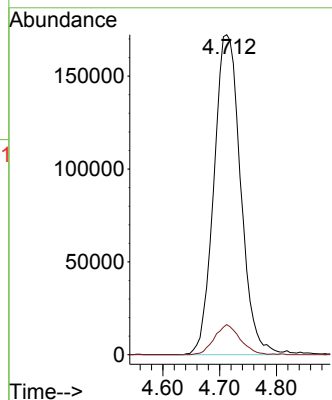
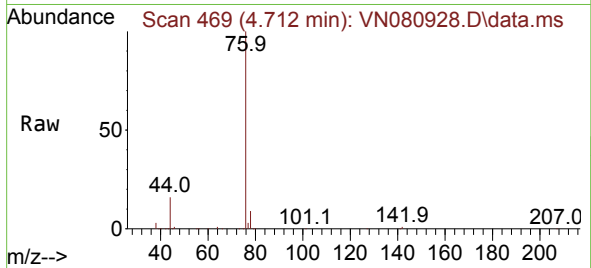




#17  
Carbon Disulfide  
Concen: 43.434 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

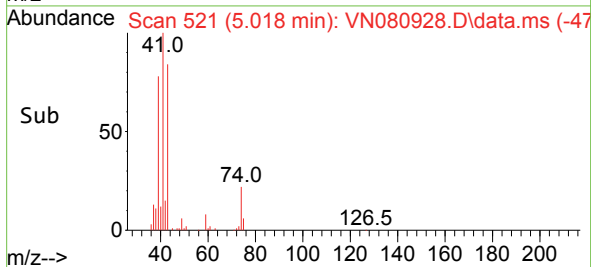
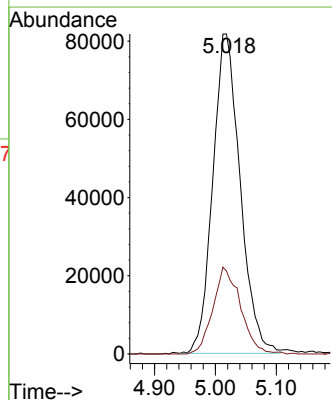
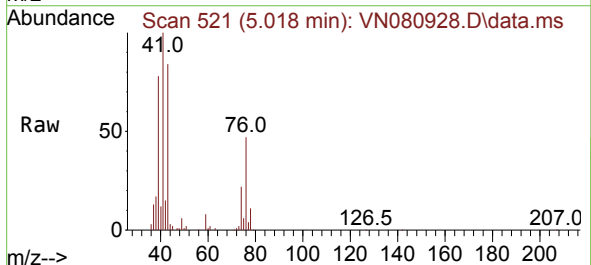
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

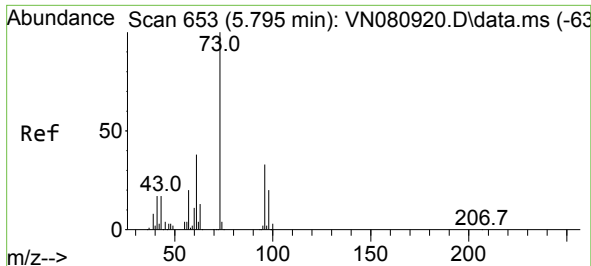
Tgt Ion: 76 Resp: 562040  
Ion Ratio Lower Upper  
76 100  
78 9.4 6.3 9.5



#18  
Methyl Acetate  
Concen: 42.976 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 43 Resp: 254745  
Ion Ratio Lower Upper  
43 100  
74 27.5 17.3 25.9#

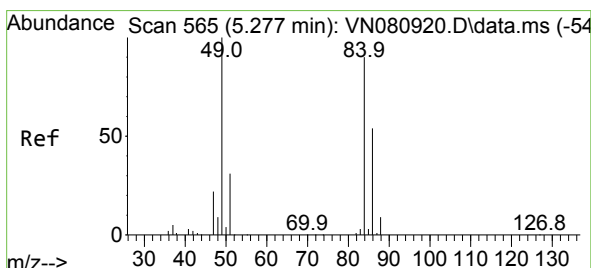
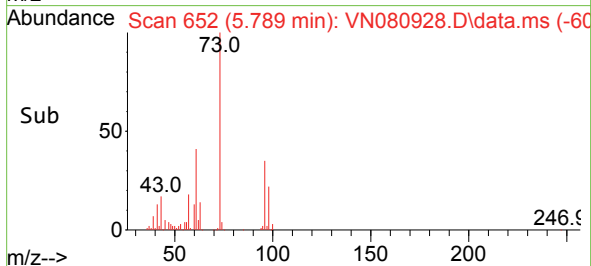
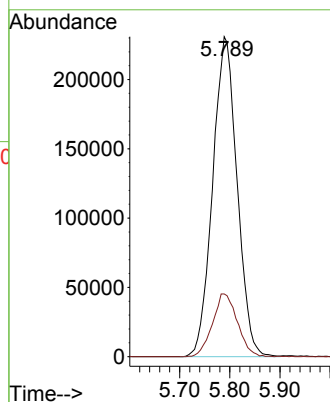
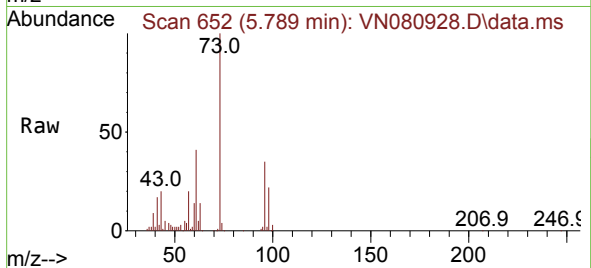




#19  
Methyl tert-butyl Ether  
Concen: 45.694 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

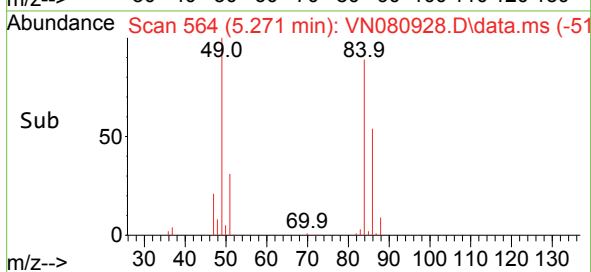
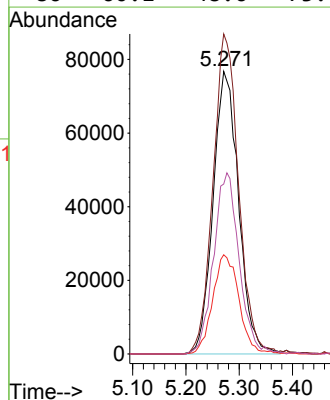
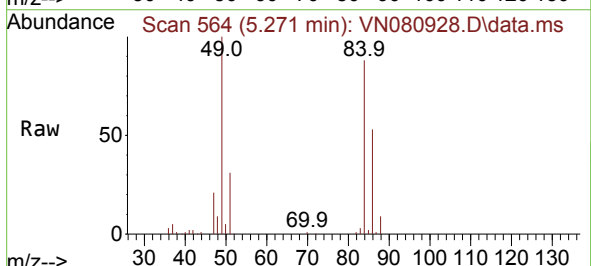
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

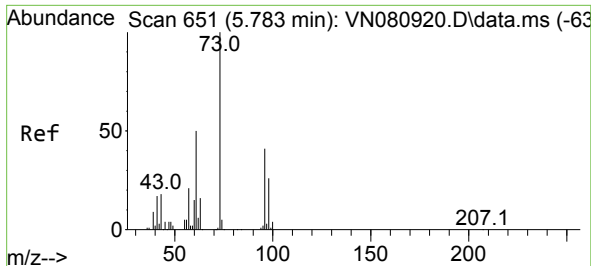
Tgt Ion: 73 Resp: 780858  
Ion Ratio Lower Upper  
73 100  
57 19.6 18.2 27.4



#20  
Methylene Chloride  
Concen: 42.452 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 84 Resp: 255436  
Ion Ratio Lower Upper  
84 100  
49 113.2 108.1 162.1  
51 35.1 32.9 49.3  
86 60.1 48.6 73.0

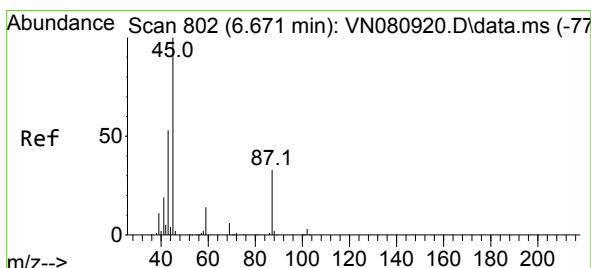
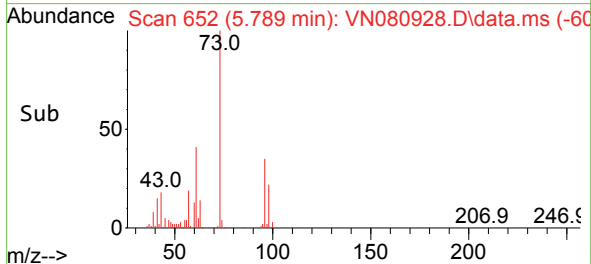
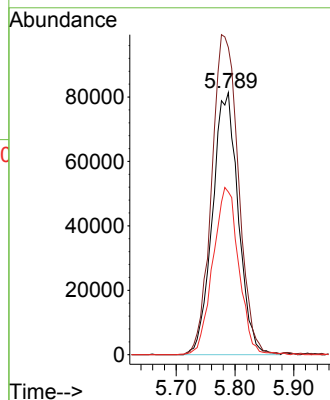
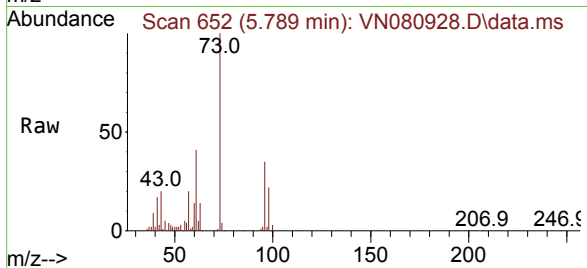




#21  
trans-1,2-Dichloroethene  
Concen: 43.066 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

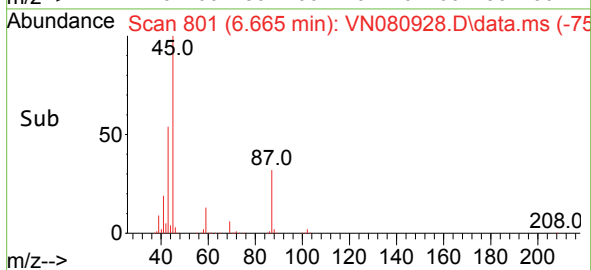
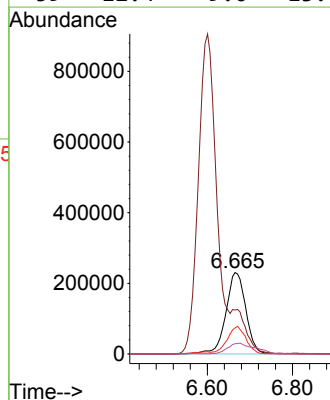
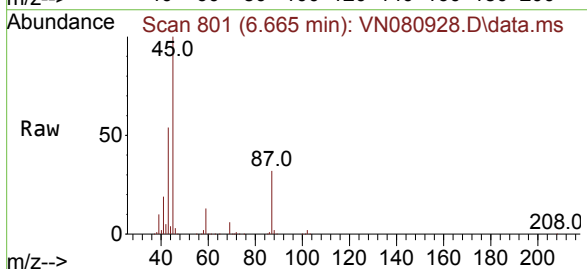
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

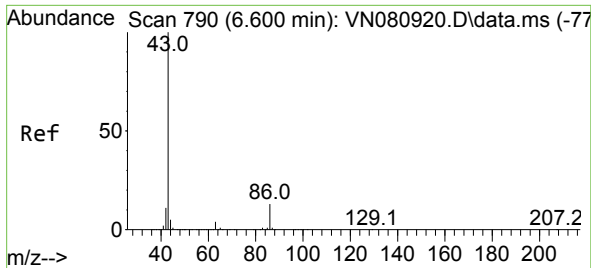
Tgt Ion: 96 Resp: 248018  
Ion Ratio Lower Upper  
96 100  
61 117.2 112.8 169.2  
98 61.9 51.0 76.4



#22  
Diisopropyl ether  
Concen: 47.307 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 45 Resp: 745370  
Ion Ratio Lower Upper  
45 100  
43 53.2 41.8 62.8  
87 32.0 18.1 27.1#  
59 12.4 9.0 13.6

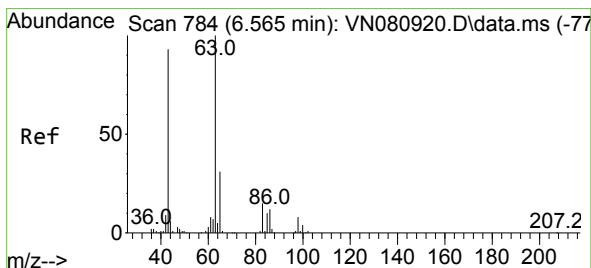
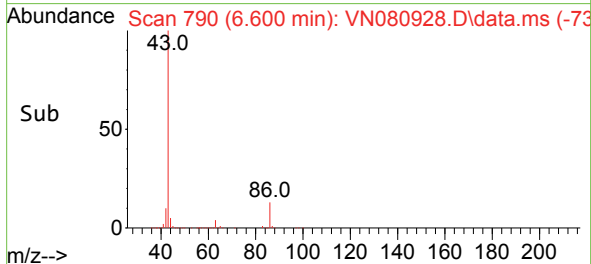
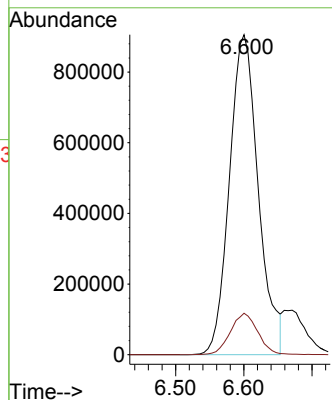
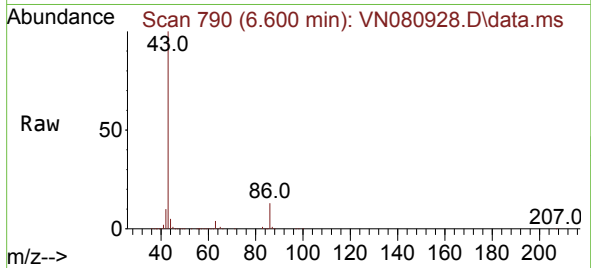




#23  
 Vinyl Acetate  
 Concen: 257.378 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

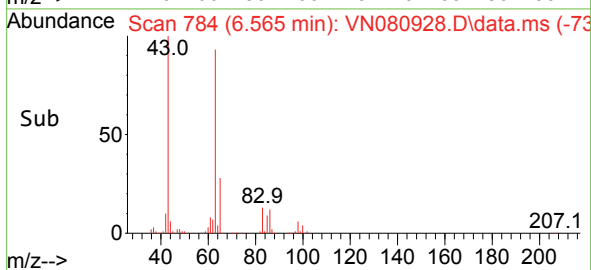
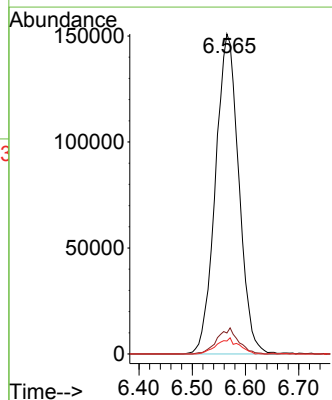
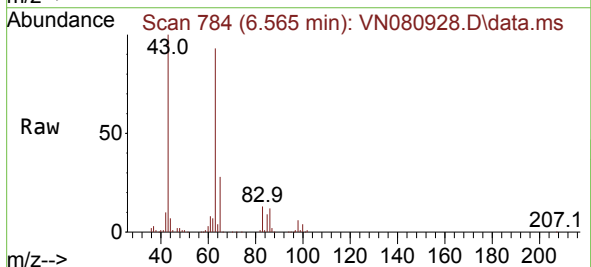
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

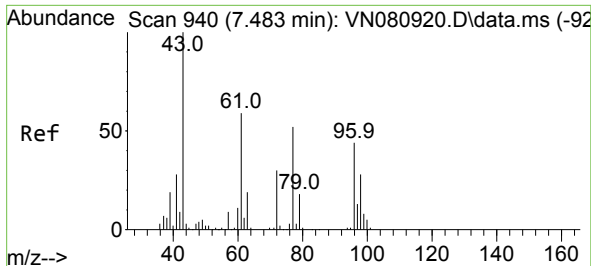
Tgt Ion: 43 Resp: 2672186  
 Ion Ratio Lower Upper  
 43 100  
 86 12.9 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 44.756 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

Tgt Ion: 63 Resp: 459245  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 2.9 8.6  
 100 4.1 1.9 5.7

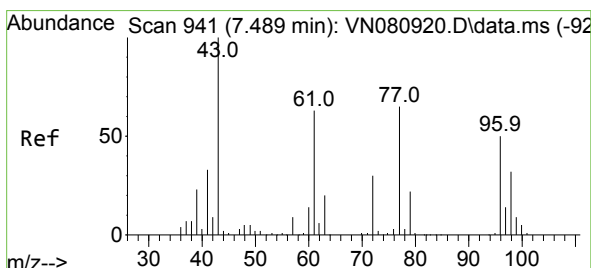
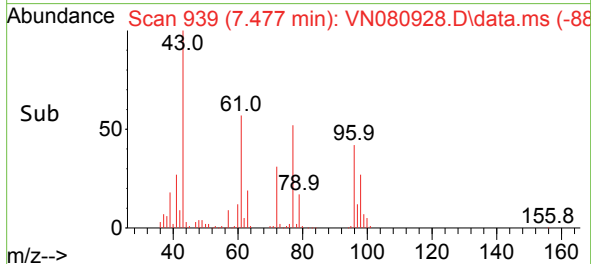
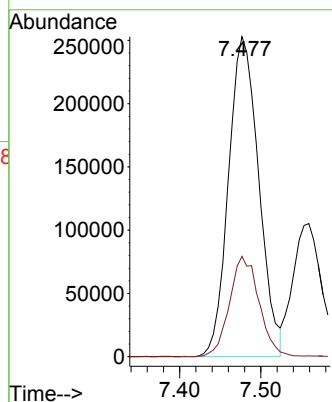
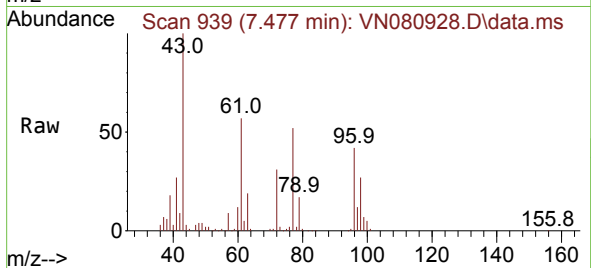




#25  
2-Butanone  
Concen: 205.519 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

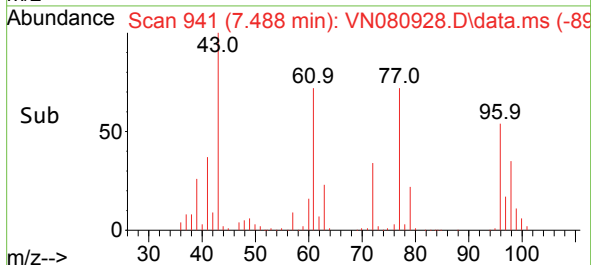
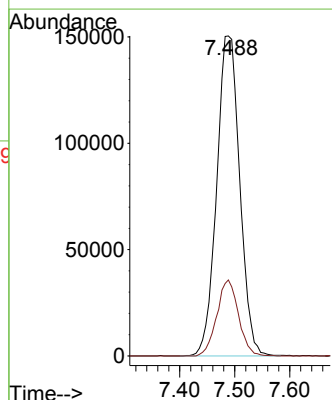
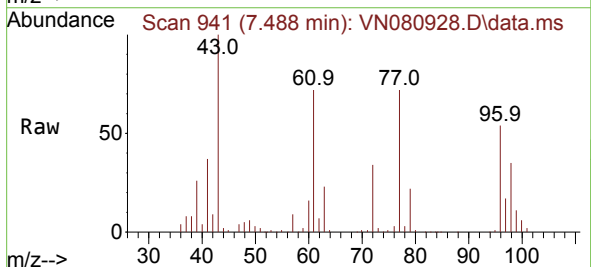
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

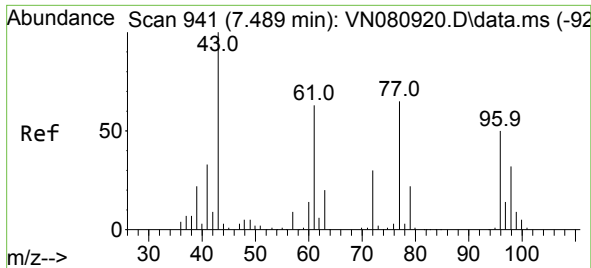
Tgt Ion: 43 Resp: 655140  
Ion Ratio Lower Upper  
43 100  
72 31.4 19.5 29.3#



#26  
2,2-Dichloropropane  
Concen: 46.762 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 77 Resp: 438774  
Ion Ratio Lower Upper  
77 100  
97 22.3 11.5 34.5



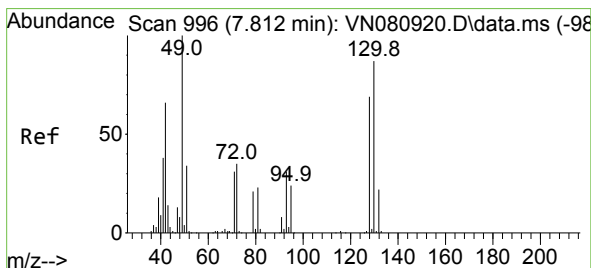
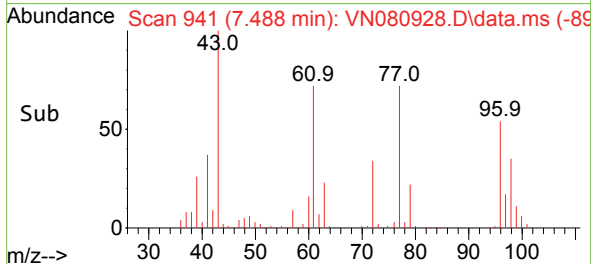
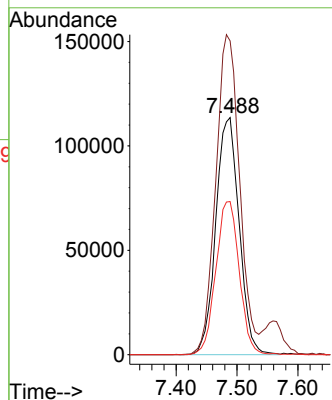
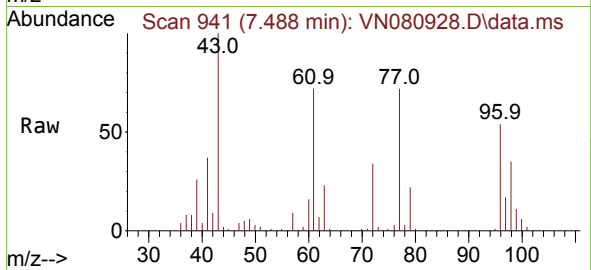


#27  
 cis-1,2-Dichloroethene  
 Concen: 45.286 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 96 Resp: 303047  

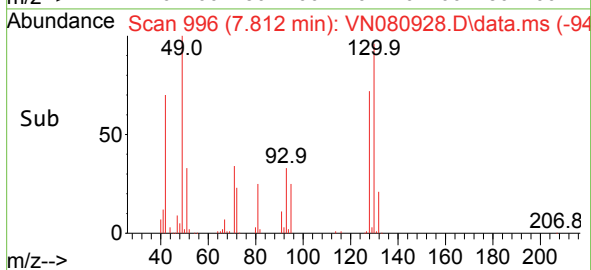
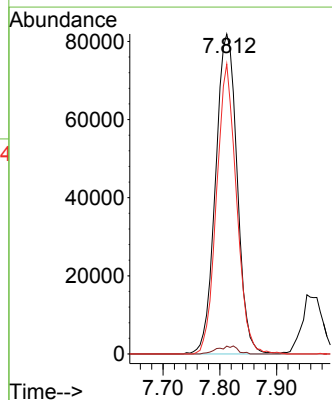
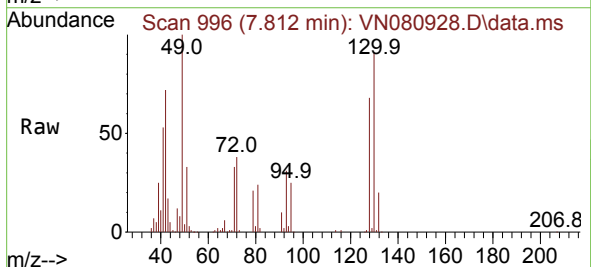
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 137.8 | 0.0   | 325.4 |
| 98  | 64.9  | 0.0   | 130.4 |

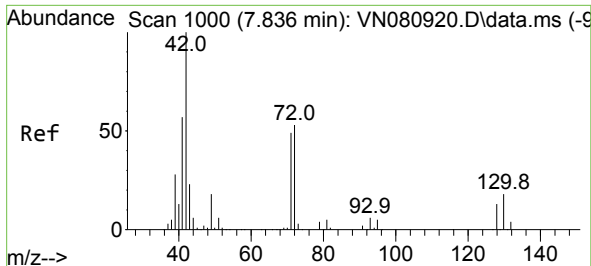


#28  
 Bromochloromethane  
 Concen: 50.651 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

Tgt Ion: 49 Resp: 216264  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.3   | 0.0   | 1.6#  |
| 130 | 83.7  | 42.3  | 63.5# |





#29

Tetrahydrofuran

Concen: 207.438 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

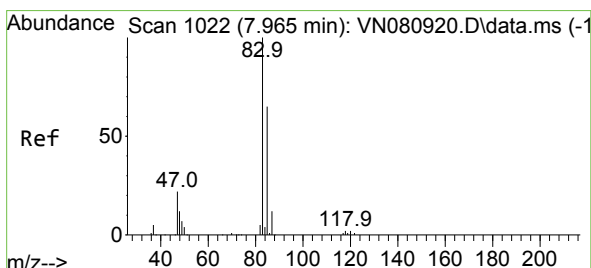
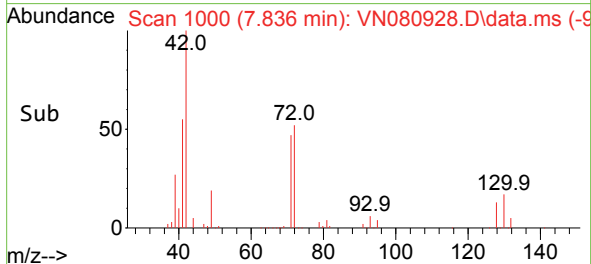
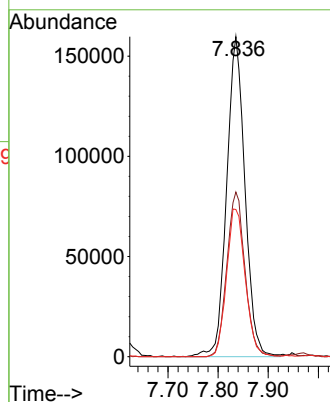
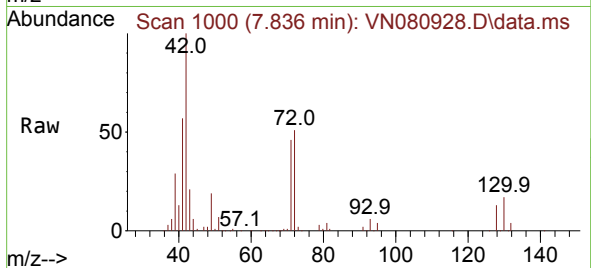
Tgt Ion: 42 Resp: 404288

Ion Ratio Lower Upper

42 100

72 51.2 31.1 46.7#

71 47.3 28.3 42.5#



#30

Chloroform

Concen: 44.893 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN080928.D

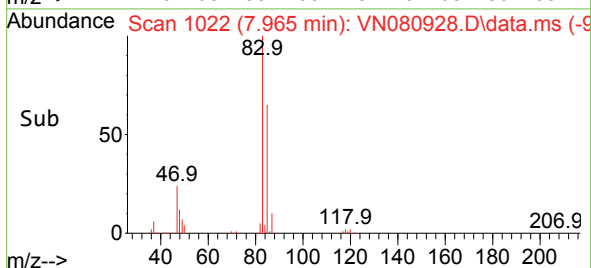
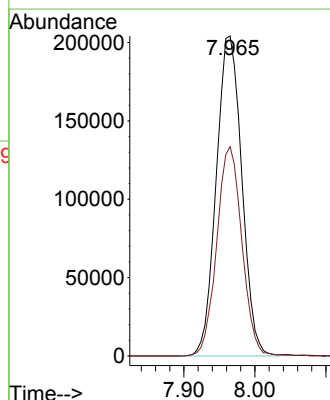
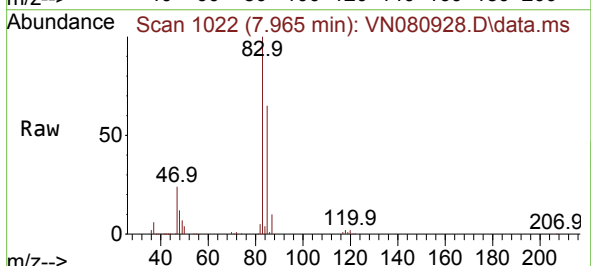
Acq: 07 Feb 2024 09:43

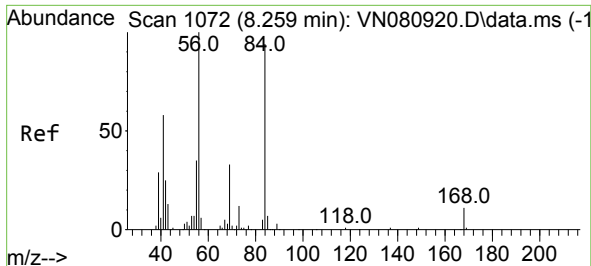
Tgt Ion: 83 Resp: 509084

Ion Ratio Lower Upper

83 100

85 65.4 51.0 76.6

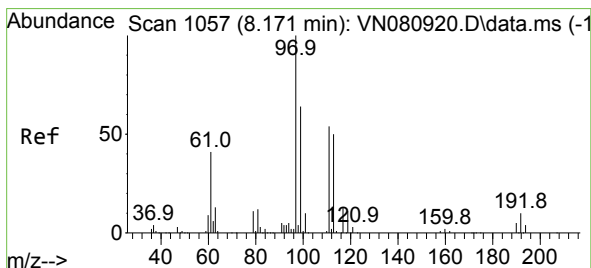
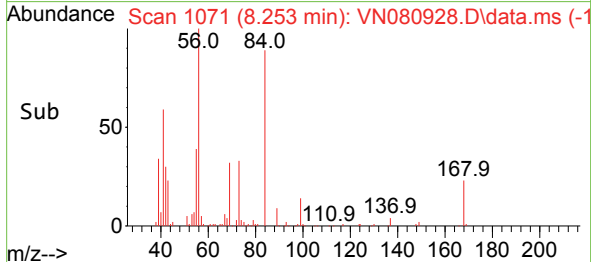
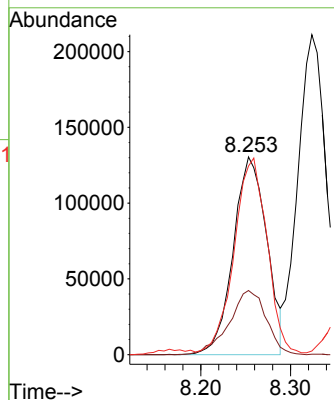
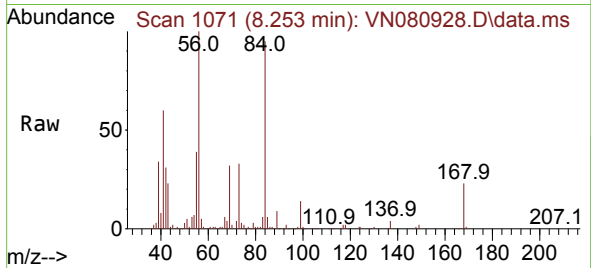




#31  
Cyclohexane  
Concen: 41.103 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

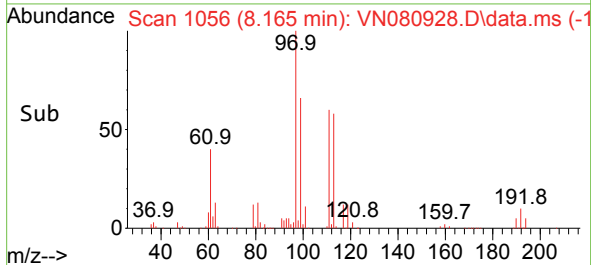
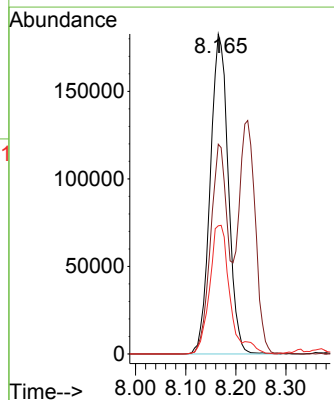
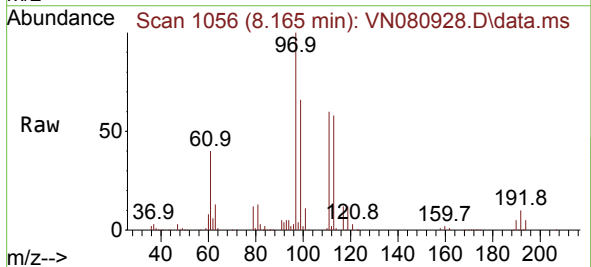
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

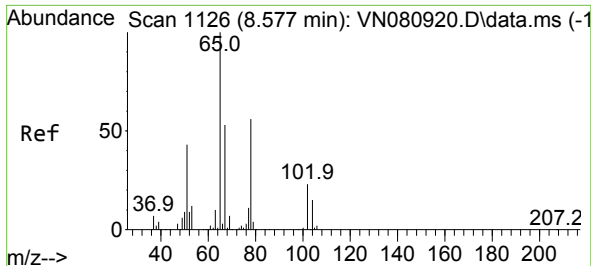
Tgt Ion: 56 Resp: 339113  
Ion Ratio Lower Upper  
56 100  
69 32.3 20.1 30.1#  
84 92.9 56.9 85.3#



#32  
1,1,1-Trichloroethane  
Concen: 46.402 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 97 Resp: 455950  
Ion Ratio Lower Upper  
97 100  
99 63.9 53.4 80.0  
61 45.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 49.466 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

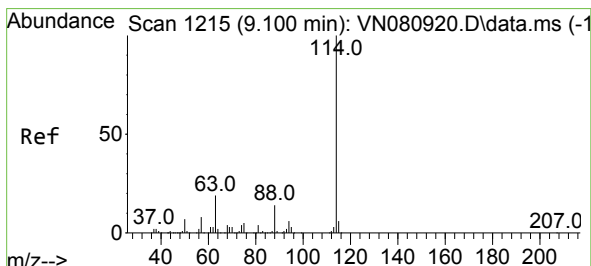
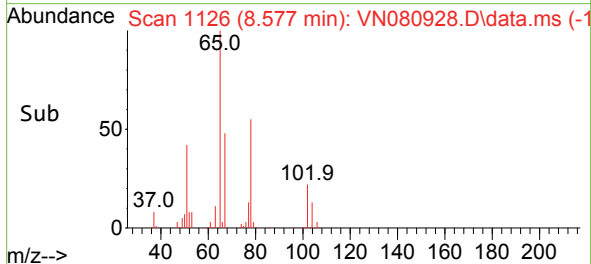
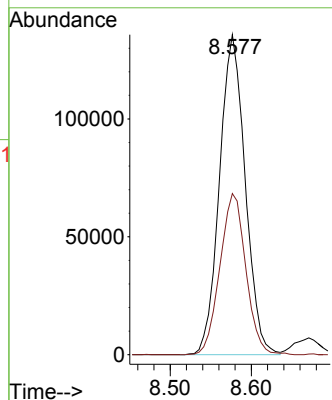
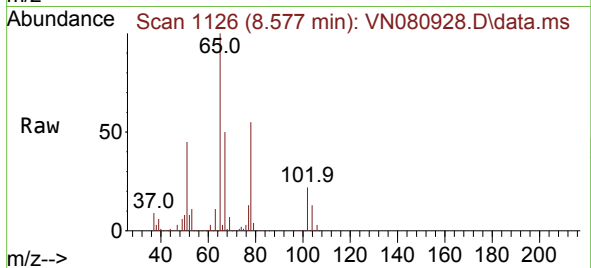
VSTDCCC050

Tgt Ion: 65 Resp: 298603

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

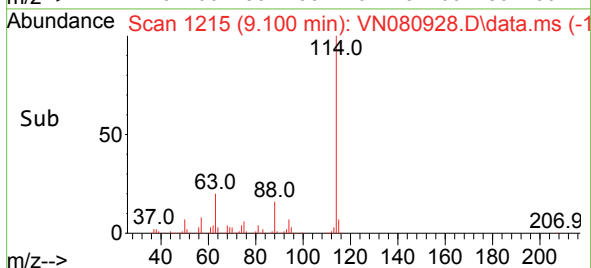
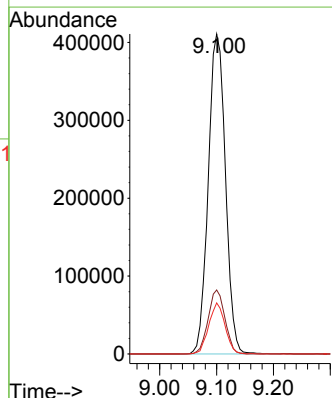
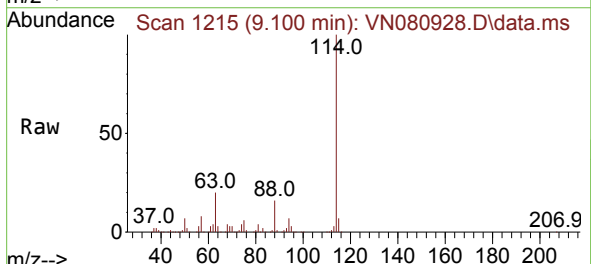
Tgt Ion: 114 Resp: 861660

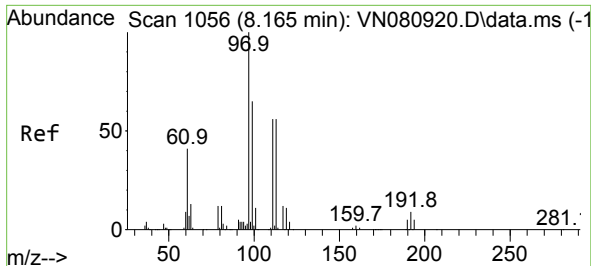
Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 15.9 0.0 34.8

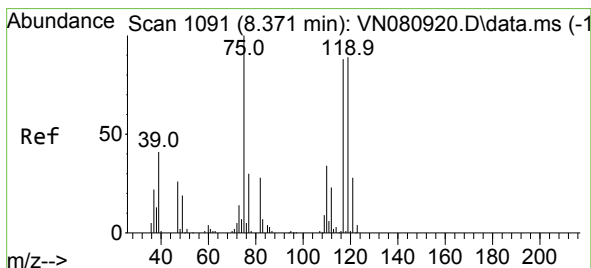
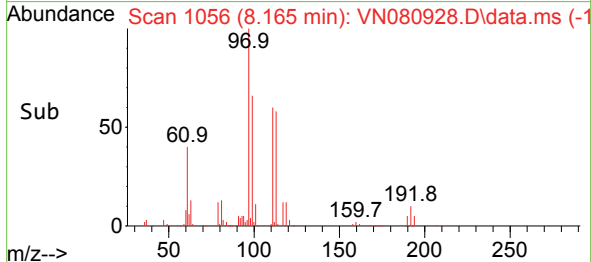
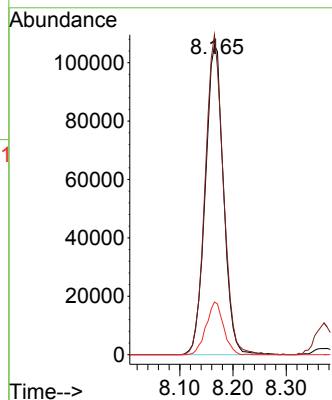
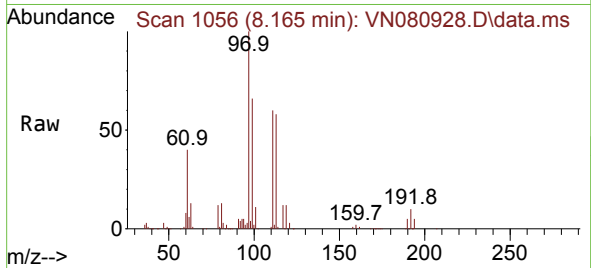




#35  
Dibromofluoromethane  
Concen: 54.511 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

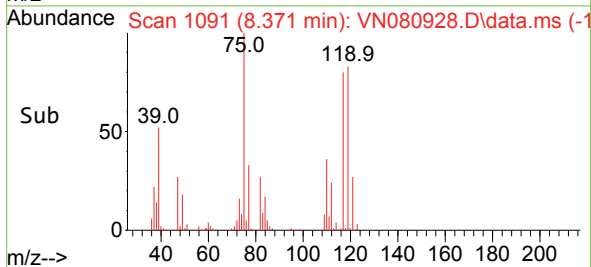
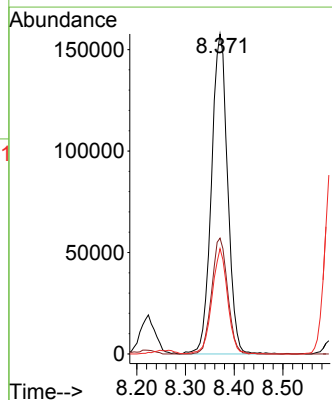
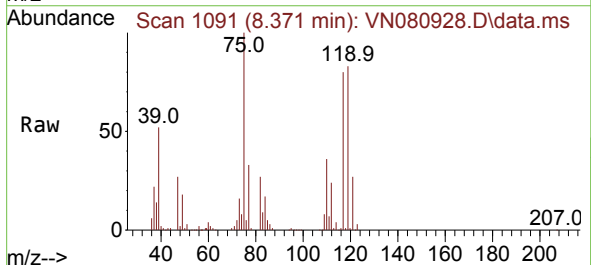
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

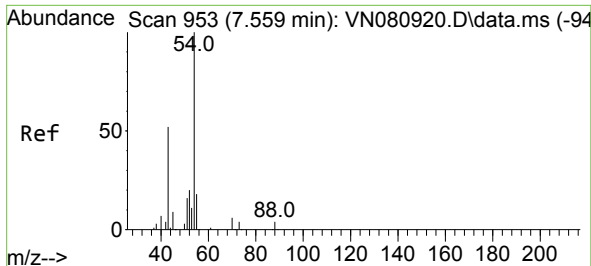
Tgt Ion:113 Resp: 252039  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.2 123.4  
192 16.2 12.5 18.7



#36  
1,1-Dichloropropene  
Concen: 52.759 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 75 Resp: 362897  
Ion Ratio Lower Upper  
75 100  
110 35.8 16.0 48.0  
77 31.6 25.8 38.6

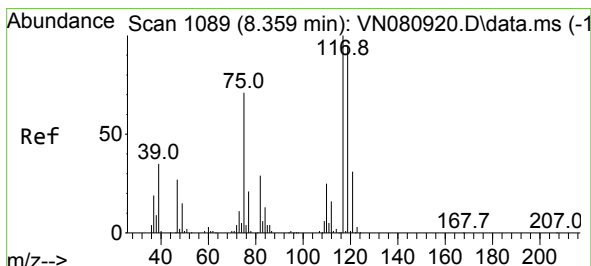
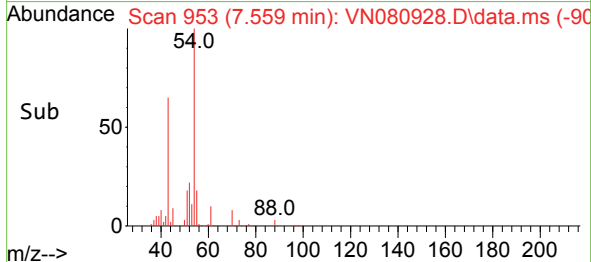
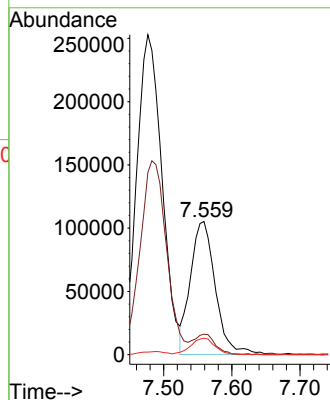
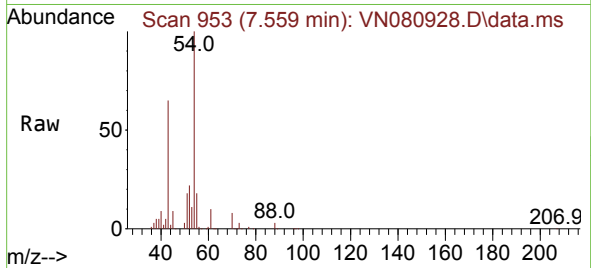




#37  
Ethyl Acetate  
Concen: 51.019 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

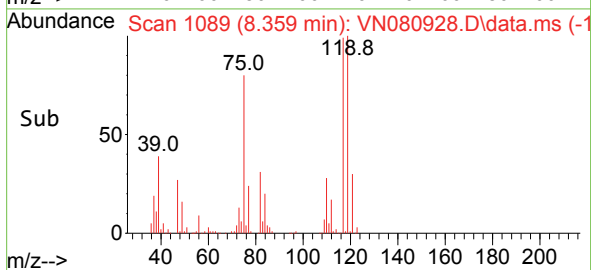
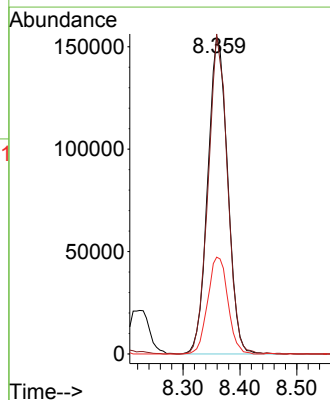
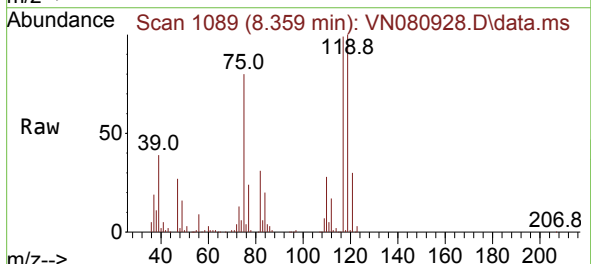
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

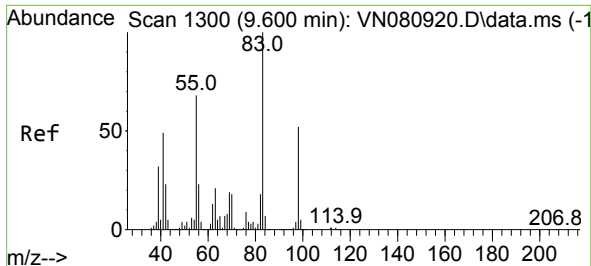
Tgt Ion: 43 Resp: 265537  
Ion Ratio Lower Upper  
43 100  
61 13.1 10.6 15.8  
70 12.2 8.0 12.0#



#38  
Carbon Tetrachloride  
Concen: 53.286 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 117 Resp: 375731  
Ion Ratio Lower Upper  
117 100  
119 100.9 73.4 110.2  
121 30.5 24.4 36.6





#39

Methylcyclohexane

Concen: 44.724 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

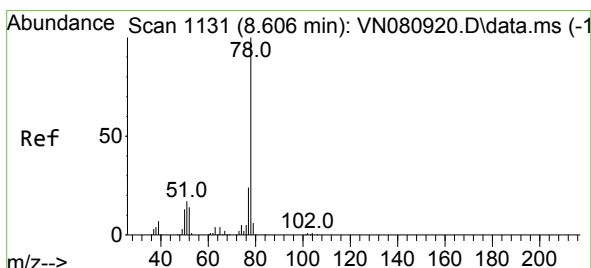
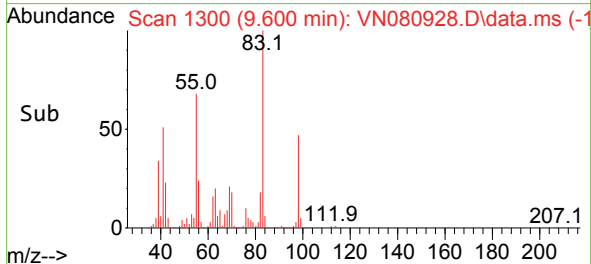
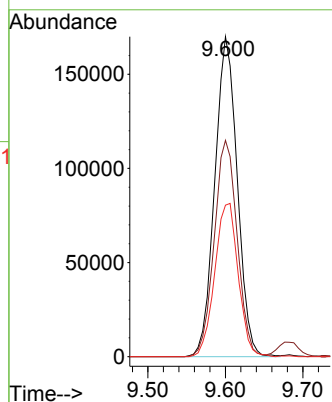
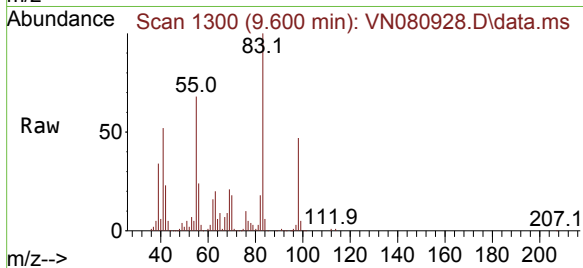
Tgt Ion: 83 Resp: 342866

Ion Ratio Lower Upper

83 100

55 67.6 65.7 98.5

98 47.3 33.8 50.6



#40

Benzene

Concen: 51.734 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080928.D

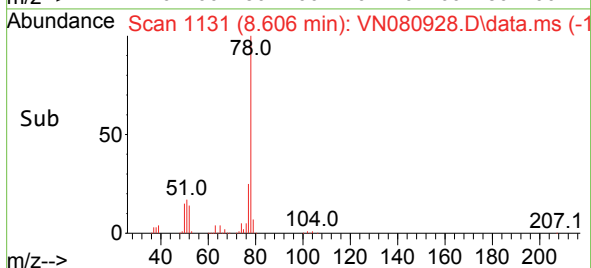
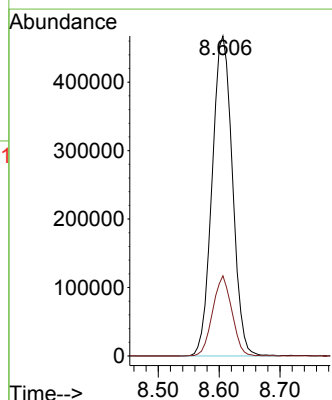
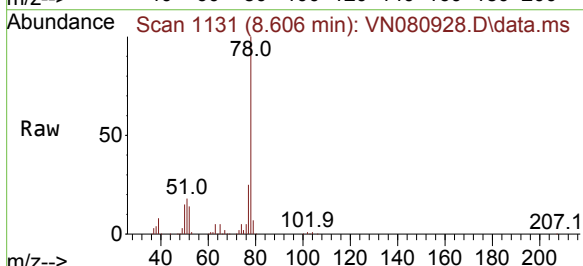
Acq: 07 Feb 2024 09:43

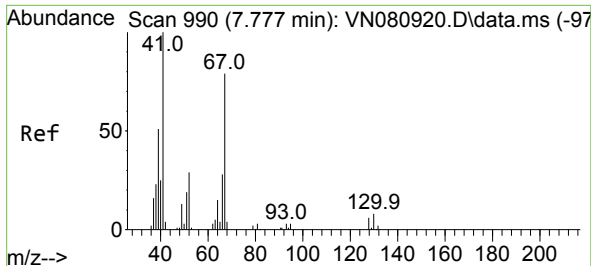
Tgt Ion: 78 Resp: 1083190

Ion Ratio Lower Upper

78 100

77 25.1 20.4 30.6

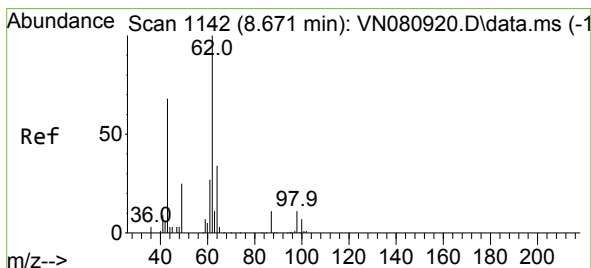
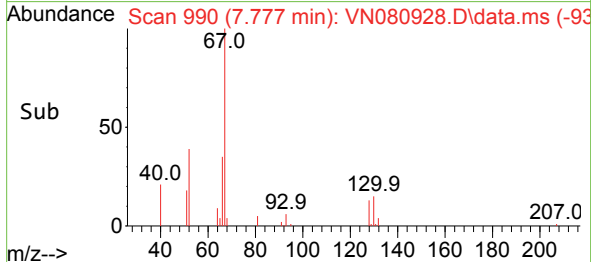
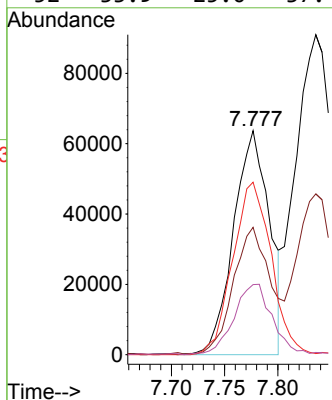
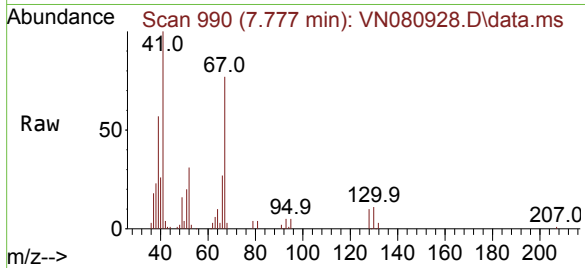




#41  
Methacrylonitrile  
Concen: 48.070 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

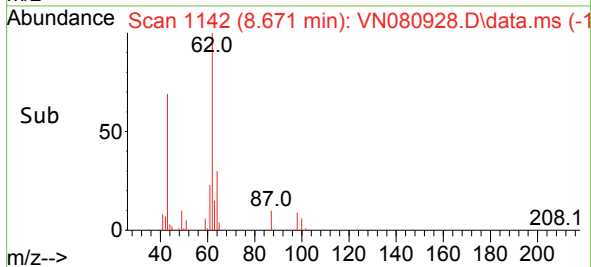
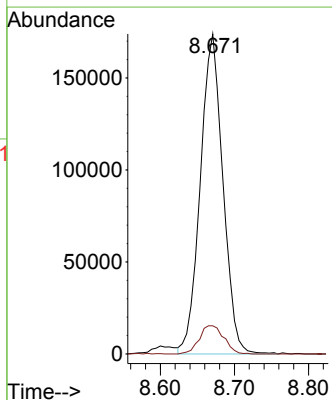
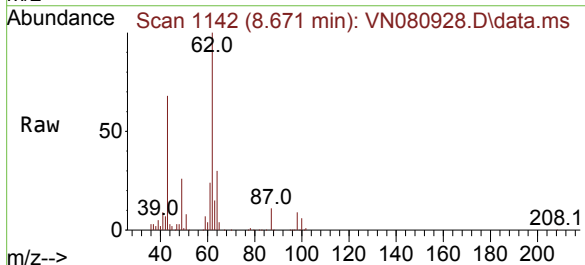
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

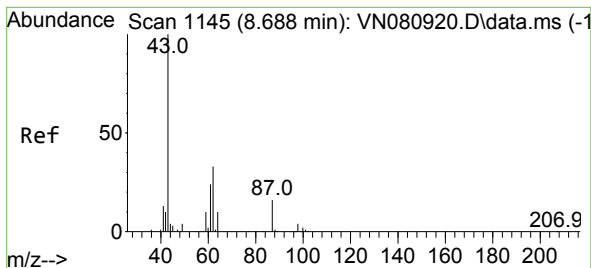
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 149101 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 59.9  | 48.4  | 72.6   |
| 67       | 82.9  | 56.8  | 85.2   |
| 52       | 33.9  | 25.0  | 37.4   |



#42  
1,2-Dichloroethane  
Concen: 50.633 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 369122 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.6   | 0.0   | 18.0   |





#43

Isopropyl Acetate

Concen: 50.068 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

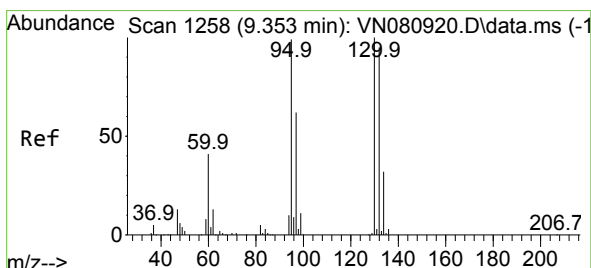
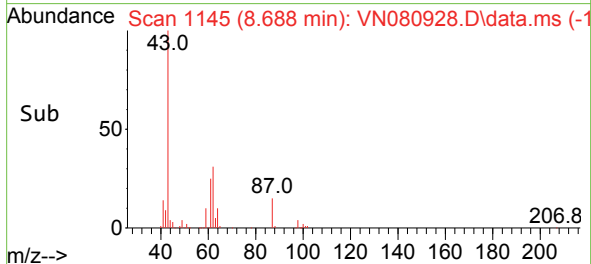
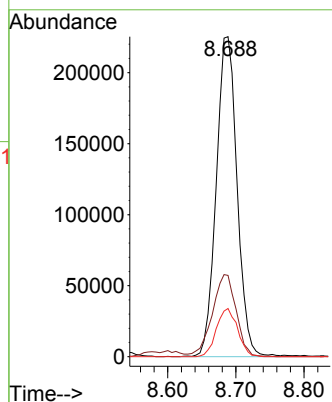
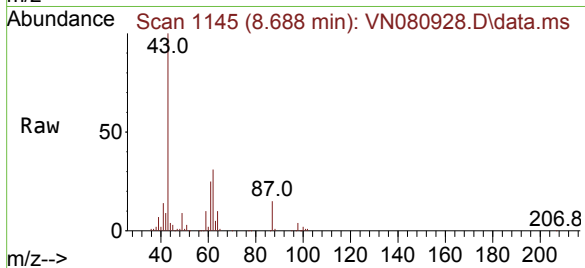
Tgt Ion: 43 Resp: 479185

Ion Ratio Lower Upper

43 100

61 29.4 19.9 29.9

87 15.3 9.0 13.6#



#44

Trichloroethene

Concen: 44.472 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN080928.D

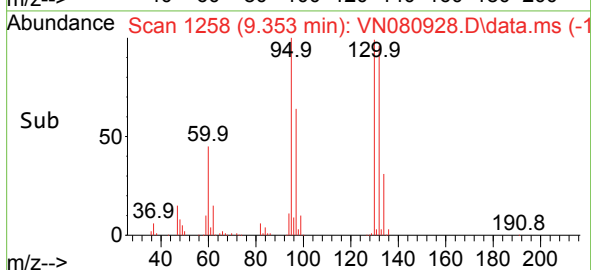
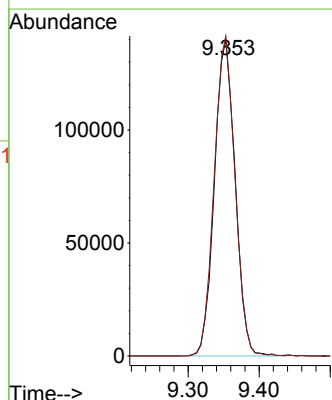
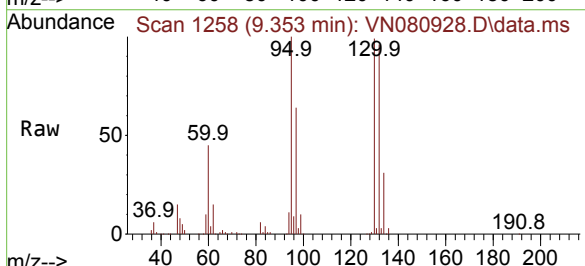
Acq: 07 Feb 2024 09:43

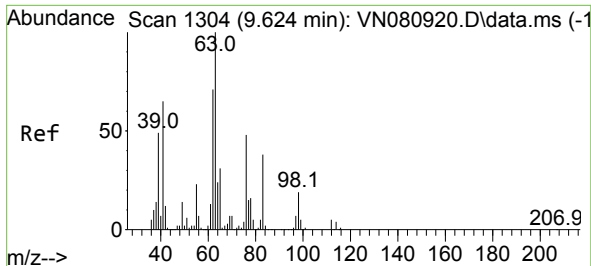
Tgt Ion:130 Resp: 282831

Ion Ratio Lower Upper

130 100

95 101.2 0.0 210.4





#45

1,2-Dichloropropane

Concen: 46.517 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

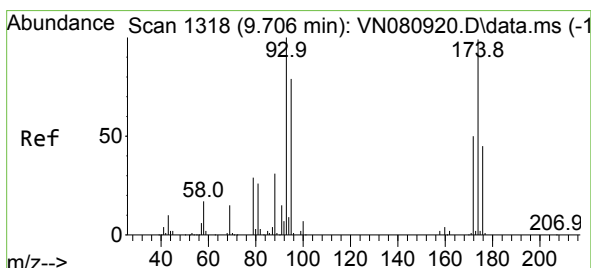
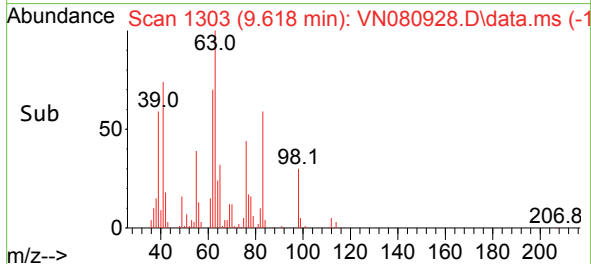
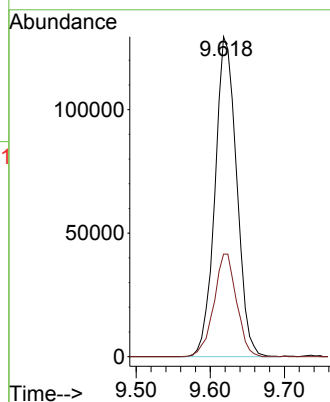
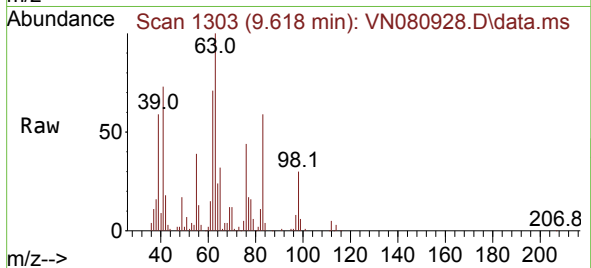
VSTDCCC050

Tgt Ion: 63 Resp: 262784

Ion Ratio Lower Upper

63 100

65 32.1 26.1 39.1



#46

Dibromomethane

Concen: 46.420 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

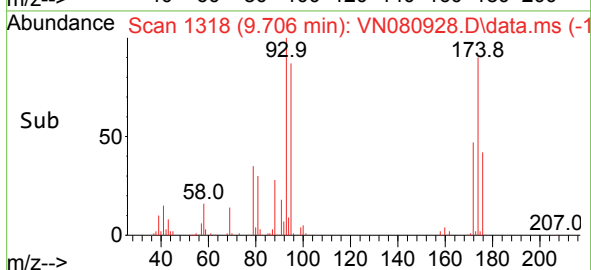
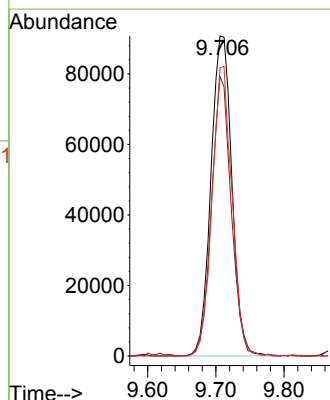
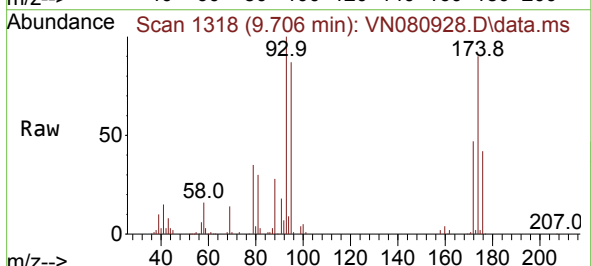
Tgt Ion: 93 Resp: 193913

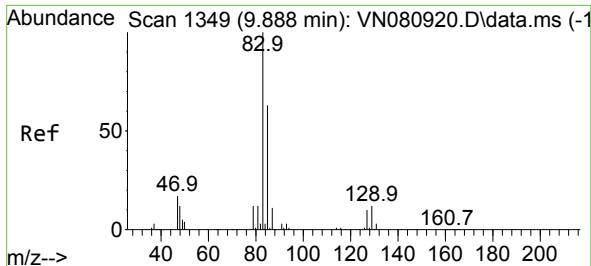
Ion Ratio Lower Upper

93 100

95 82.3 68.1 102.1

174 86.2 57.2 85.8

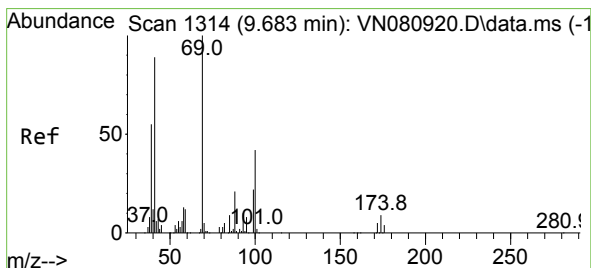
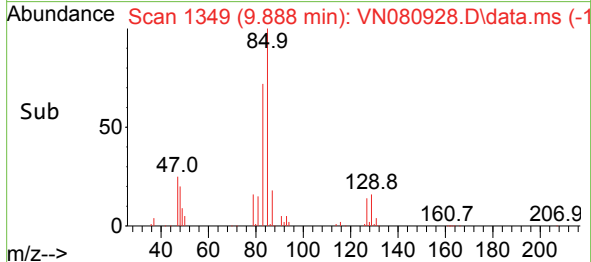
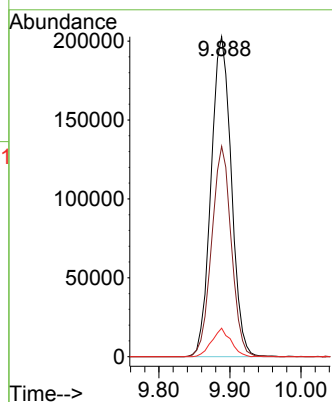
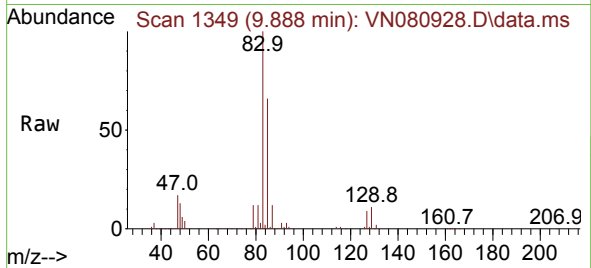




#47  
Bromodichloromethane  
Concen: 49.062 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

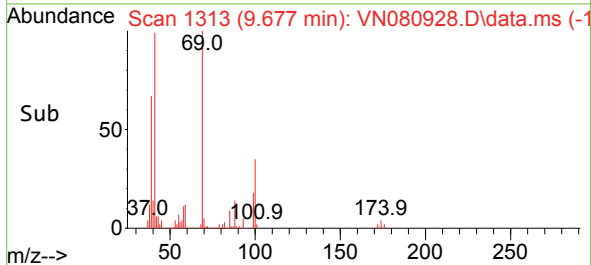
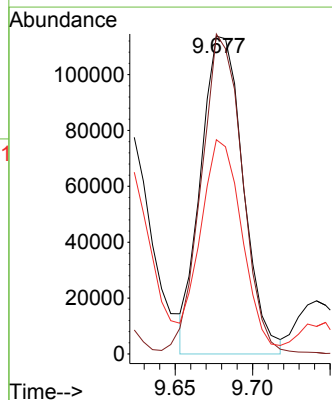
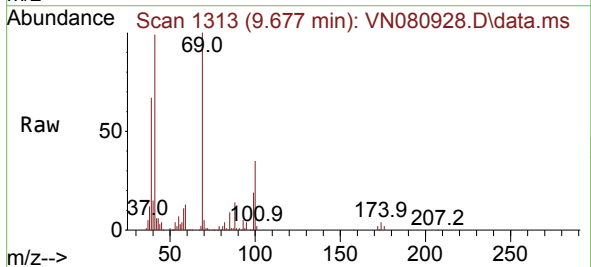
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

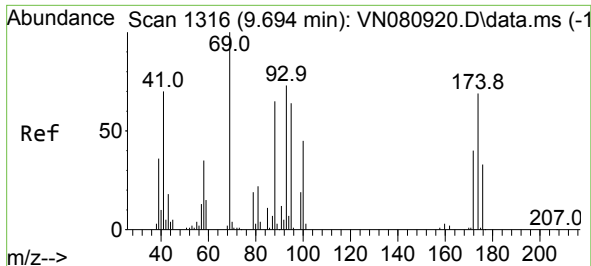
Tgt Ion: 83 Resp: 400884  
Ion Ratio Lower Upper  
83 100  
85 65.7 52.3 78.5  
127 8.9 4.6 7.0#



#48  
Methyl methacrylate  
Concen: 40.171 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 41 Resp: 216613  
Ion Ratio Lower Upper  
41 100  
69 98.0 62.2 93.2#  
39 66.3 47.6 71.4





#49

1,4-Dioxane

Concen: 732.977 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

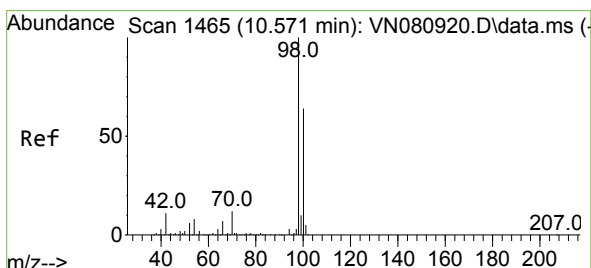
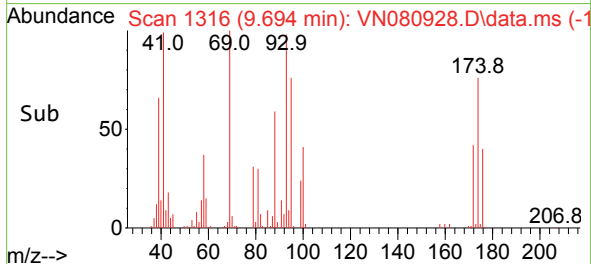
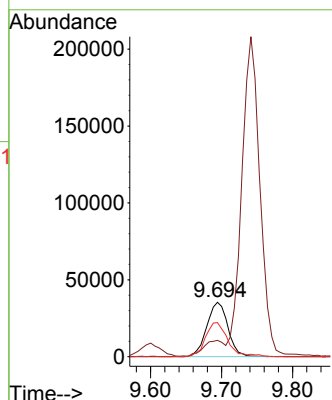
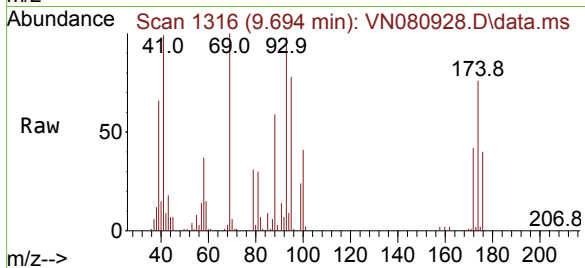
Tgt Ion: 88 Resp: 72978

Ion Ratio Lower Upper

88 100

43 29.8 30.1 45.1#

58 66.4 63.9 95.9



#50

Toluene-d8

Concen: 53.473 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080928.D

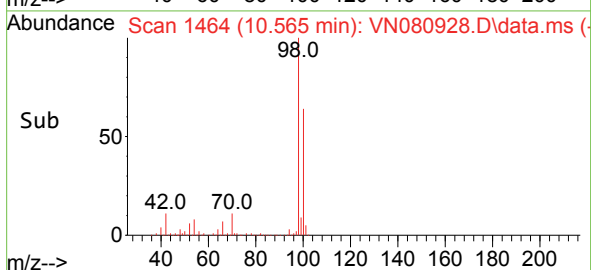
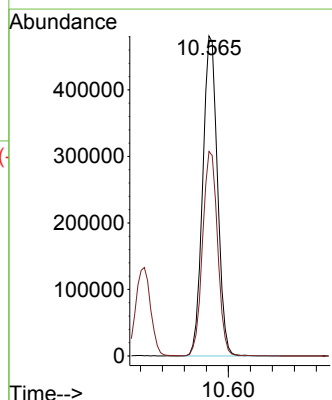
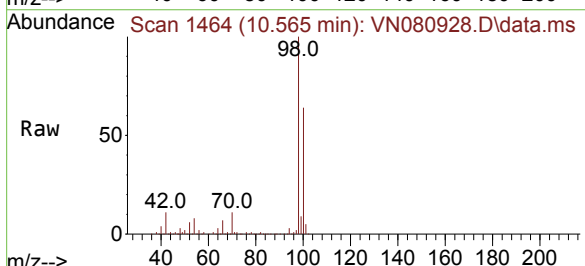
Acq: 07 Feb 2024 09:43

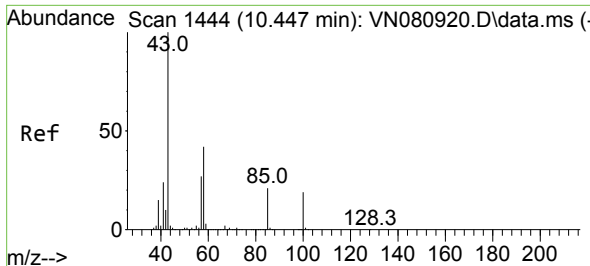
Tgt Ion: 98 Resp: 894297

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0

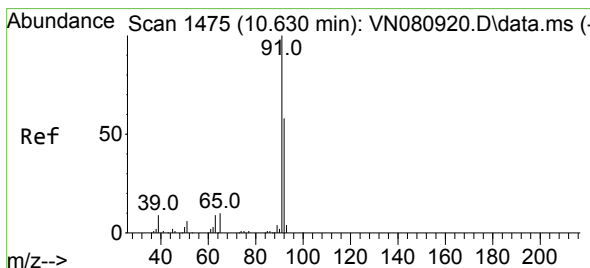
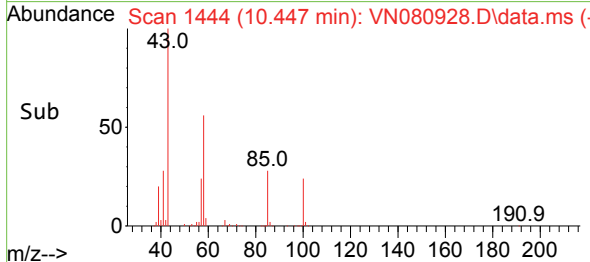
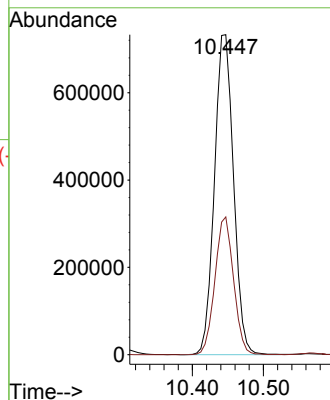
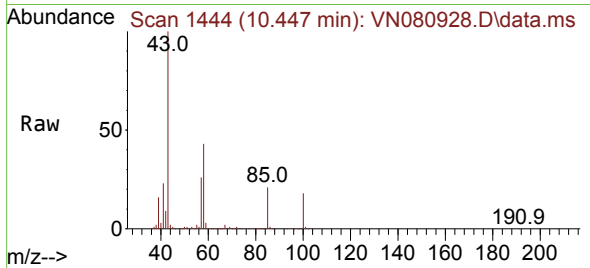




#51  
4-Methyl-2-Pentanone  
Concen: 236.844 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

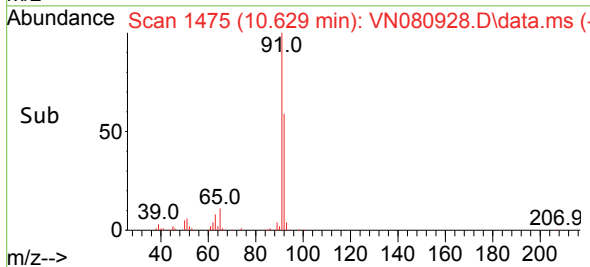
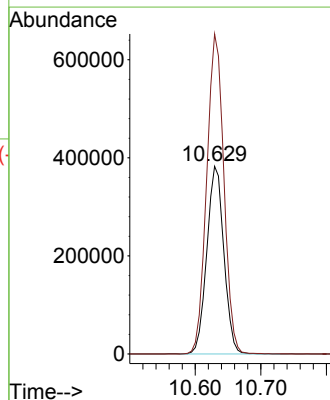
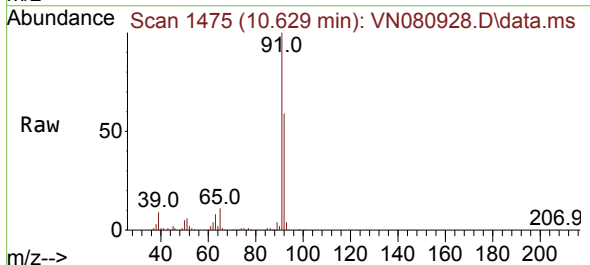
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

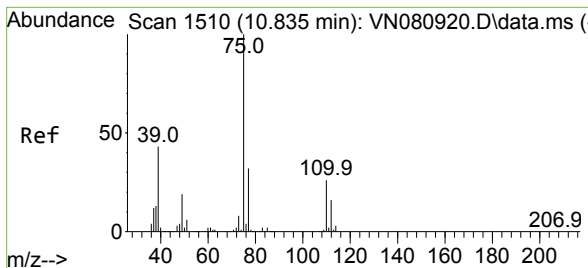
Tgt Ion: 43 Resp: 1366055  
Ion Ratio Lower Upper  
43 100  
58 42.1 29.4 44.0



#52  
Toluene  
Concen: 49.378 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 92 Resp: 692494  
Ion Ratio Lower Upper  
92 100  
91 171.6 139.4 209.0

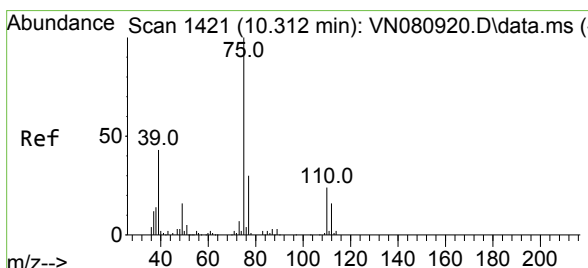
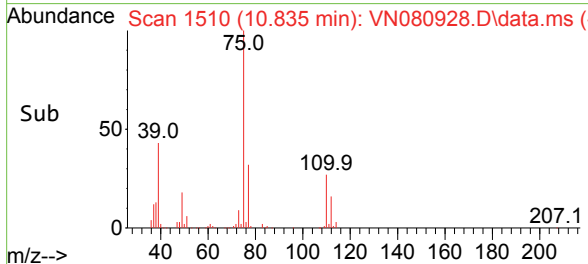
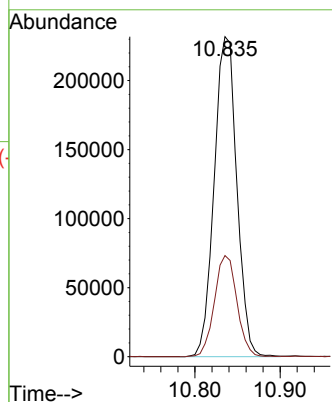
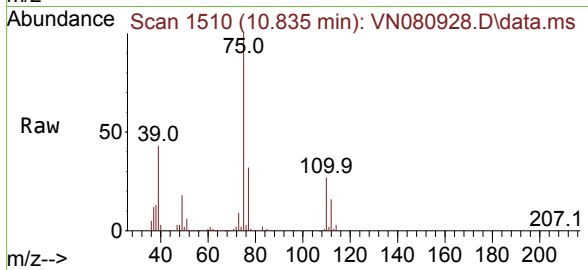




#53  
 t-1,3-Dichloropropene  
 Concen: 54.097 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

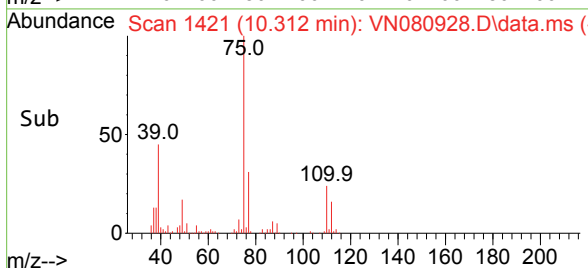
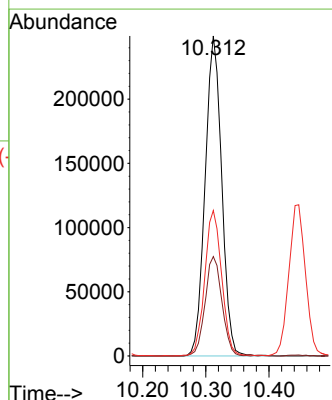
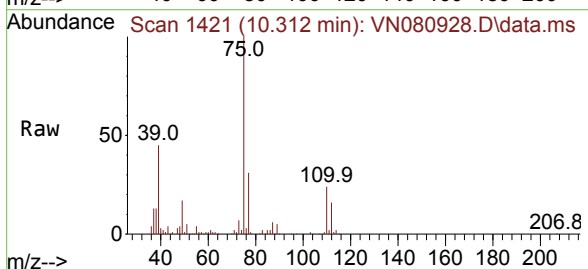
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

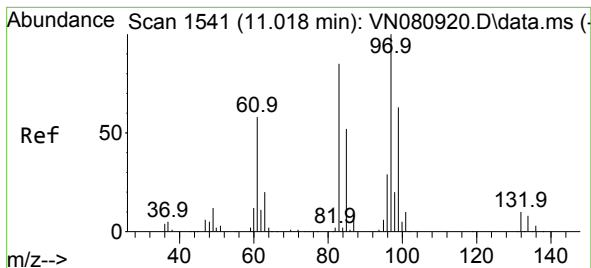
Tgt Ion: 75 Resp: 427711  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.5 38.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.256 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

Tgt Ion: 75 Resp: 454888  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 23.3 34.9  
 39 45.4 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 49.487 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 268247

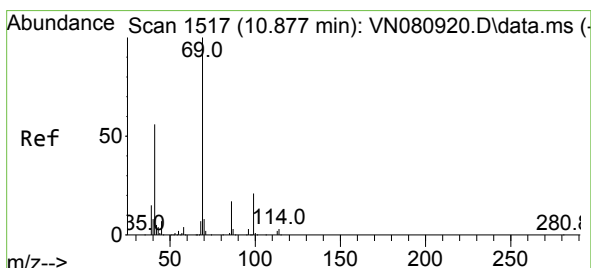
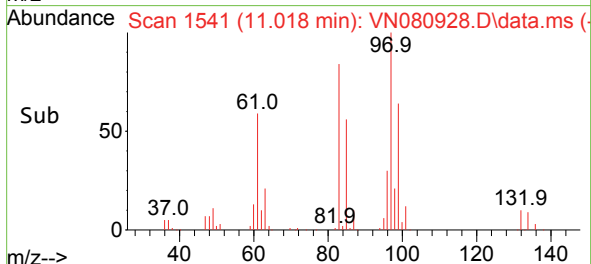
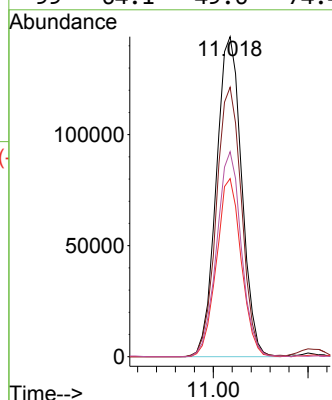
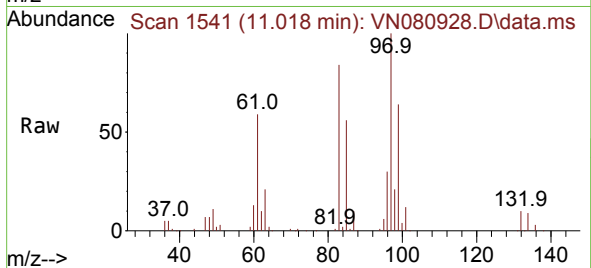
Ion Ratio Lower Upper

97 100

83 84.2 72.9 109.3

85 55.6 50.2 75.2

99 64.1 49.6 74.4



#56

Ethyl methacrylate

Concen: 57.670 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

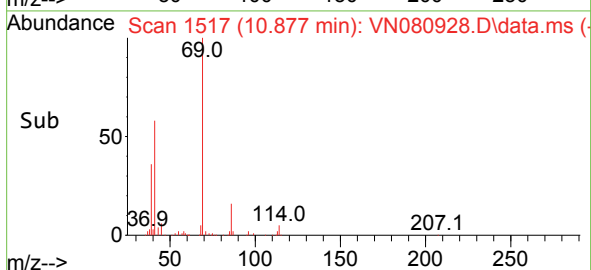
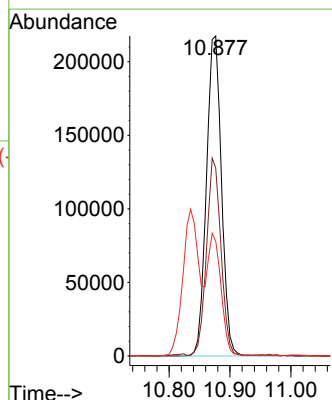
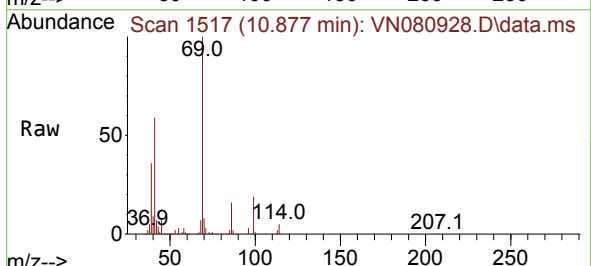
Tgt Ion: 69 Resp: 373953

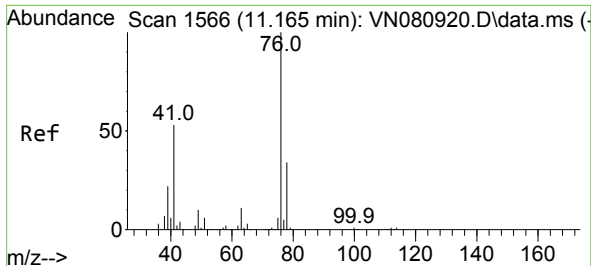
Ion Ratio Lower Upper

69 100

41 58.8 61.0 91.6#

39 32.4 31.8 47.6





#57

1,3-Dichloropropane

Concen: 51.566 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

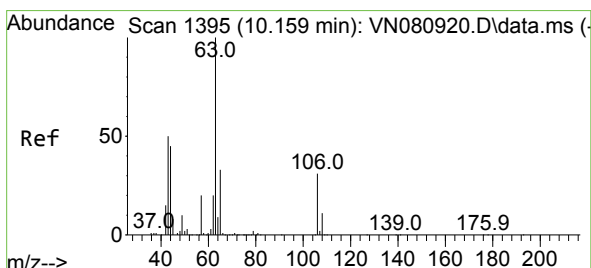
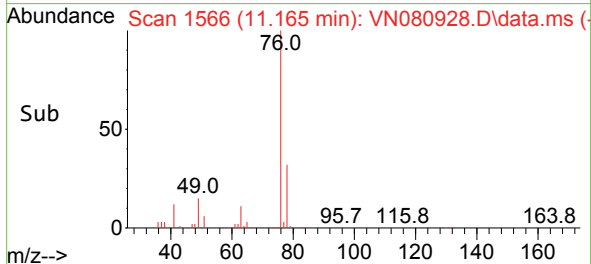
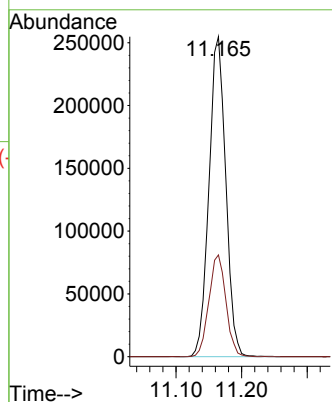
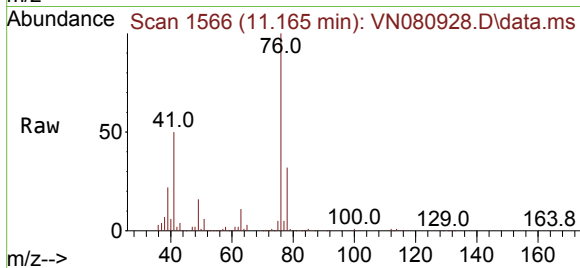
VSTDCCC050

Tgt Ion: 76 Resp: 453487

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 238.906 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080928.D

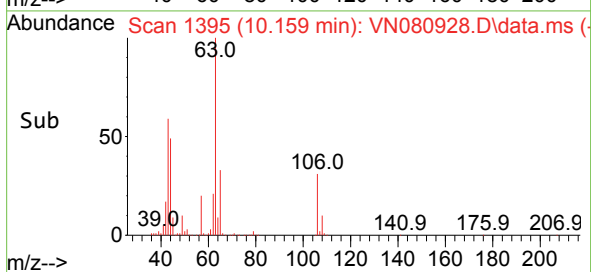
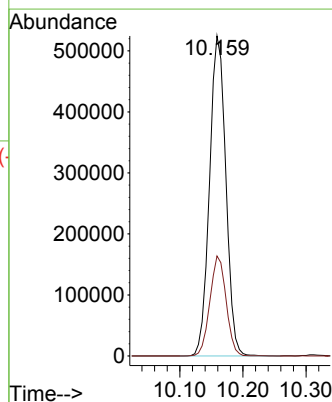
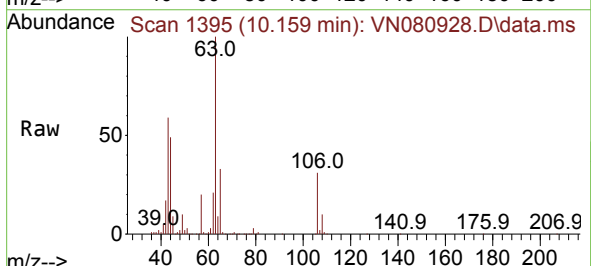
Acq: 07 Feb 2024 09:43

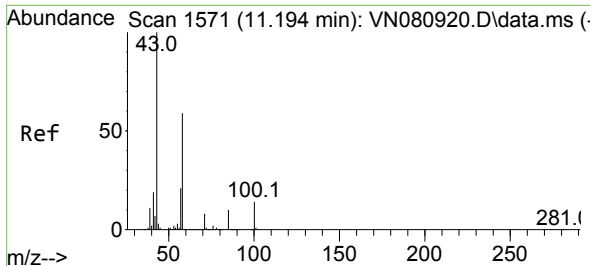
Tgt Ion: 63 Resp: 940493

Ion Ratio Lower Upper

63 100

106 31.0 18.6 28.0#

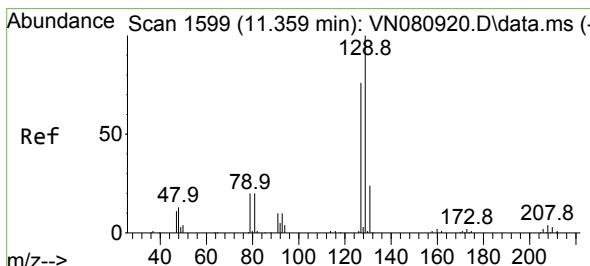
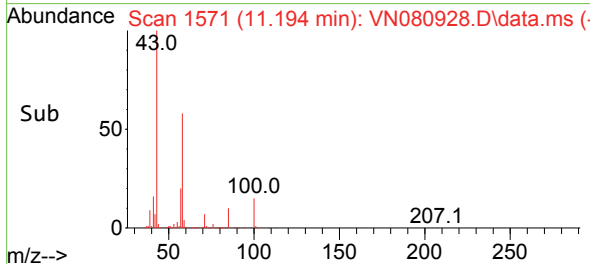
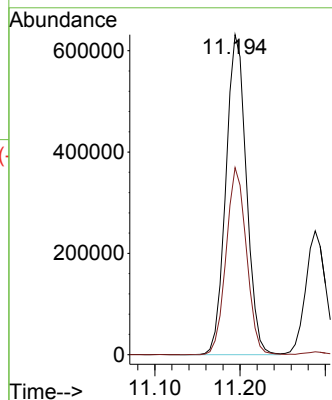
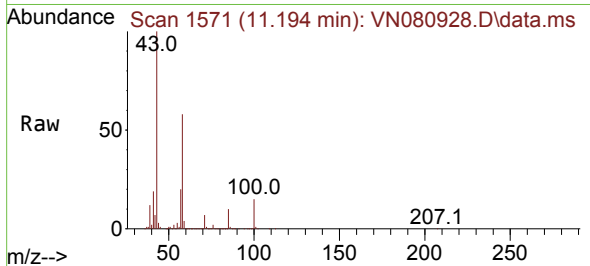




#59  
2-Hexanone  
Concen: 241.271 ug/l  
RT: 11.194 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

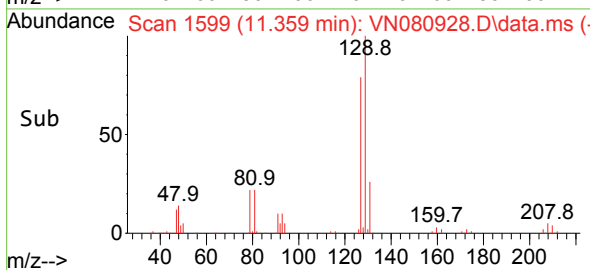
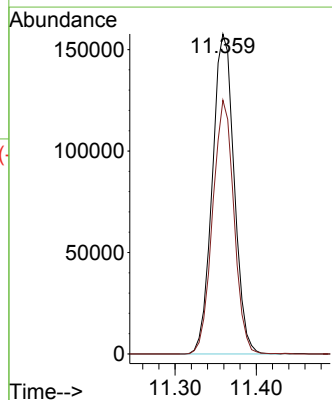
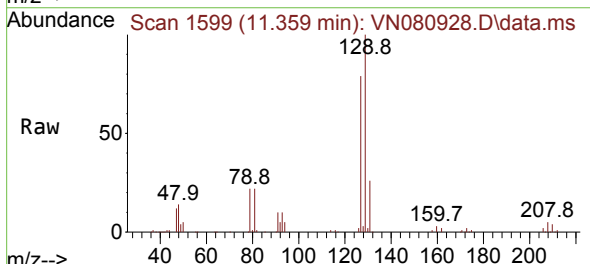
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

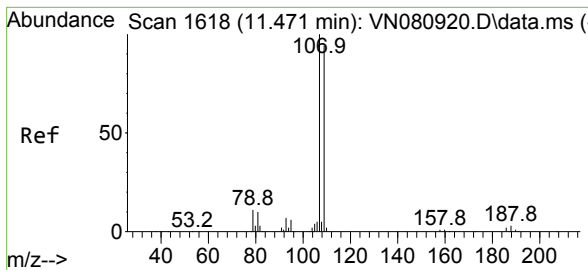
Tgt Ion: 43 Resp: 1054725  
Ion Ratio Lower Upper  
43 100  
58 58.0 25.9 77.8



#60  
Dibromochloromethane  
Concen: 53.145 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion:129 Resp: 294351  
Ion Ratio Lower Upper  
129 100  
127 77.4 39.4 118.2

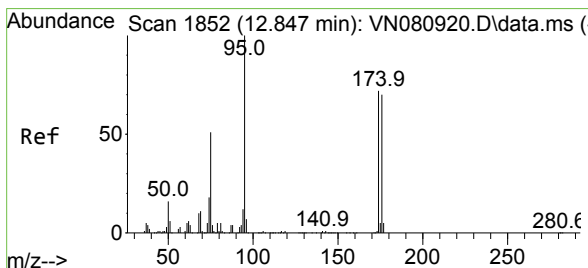
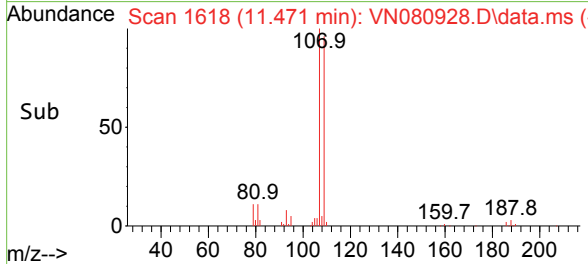
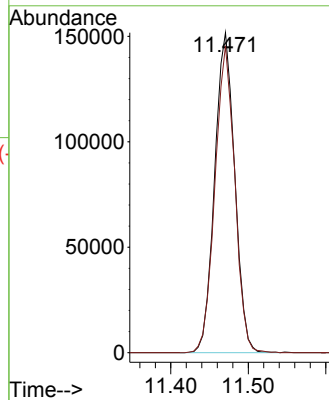
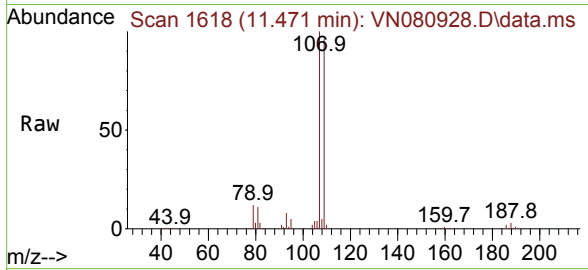




#61  
1,2-Dibromoethane  
Concen: 50.442 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

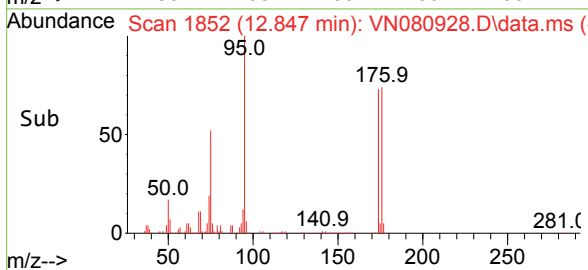
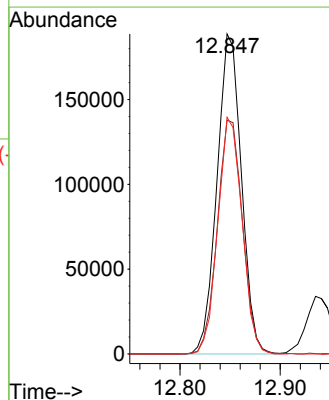
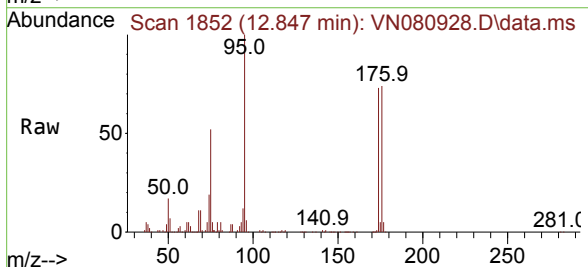
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

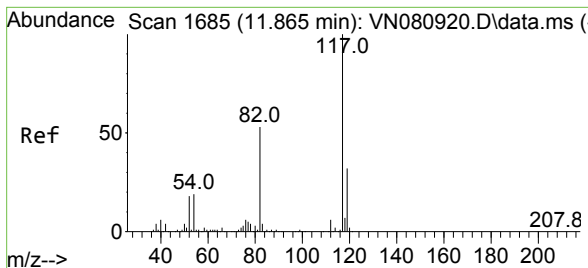
Tgt Ion:107 Resp: 272743  
Ion Ratio Lower Upper  
107 100  
109 94.9 73.4 110.2



#62  
4-Bromofluorobenzene  
Concen: 52.546 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 95 Resp: 319245  
Ion Ratio Lower Upper  
95 100  
174 75.3 0.0 120.4  
176 73.3 0.0 121.0

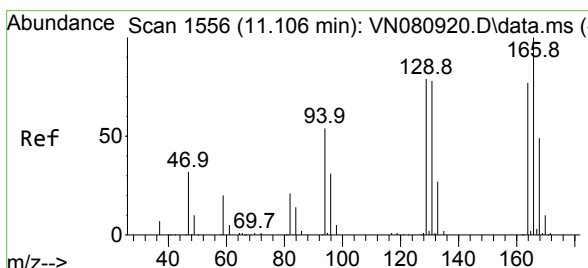
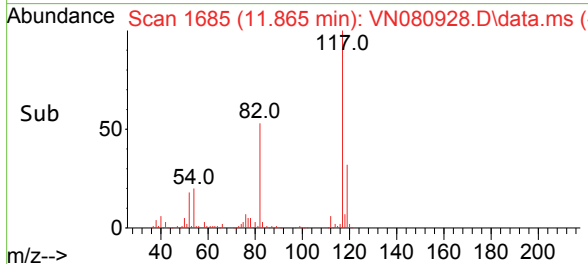
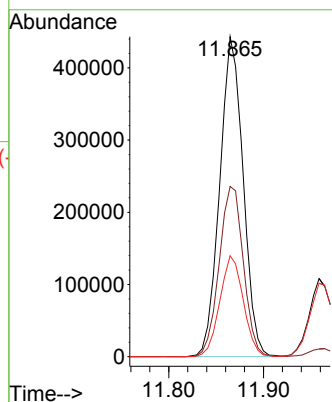
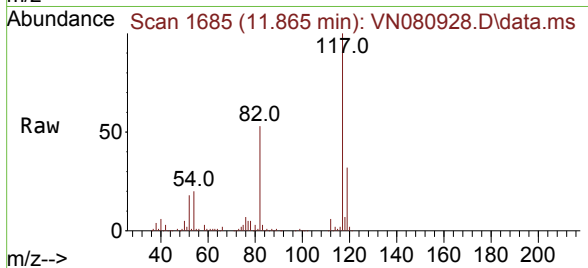




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

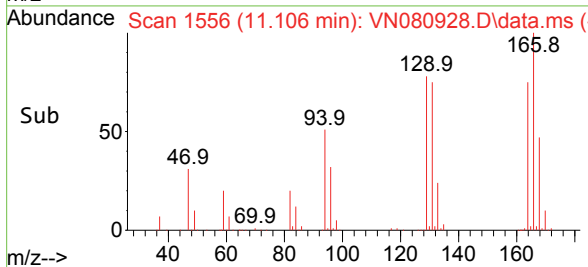
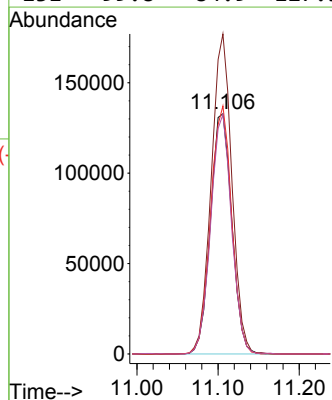
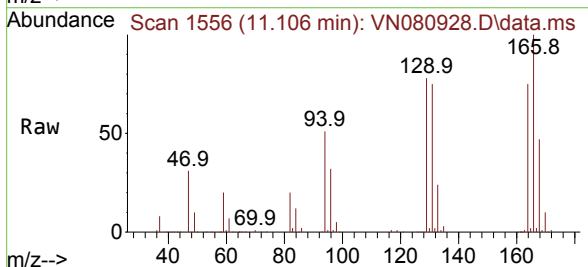
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

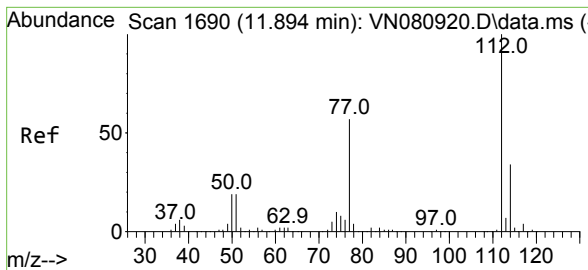
Tgt Ion:117 Resp: 761633  
Ion Ratio Lower Upper  
117 100  
82 53.2 52.7 79.1  
119 31.5 25.3 37.9



#64  
Tetrachloroethene  
Concen: 42.146 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion:164 Resp: 242293  
Ion Ratio Lower Upper  
164 100  
166 133.2 105.8 158.6  
129 103.3 89.6 134.4  
131 99.8 84.9 127.3

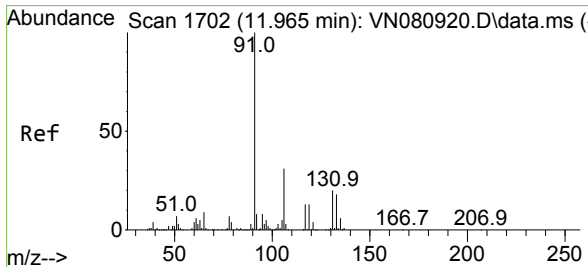
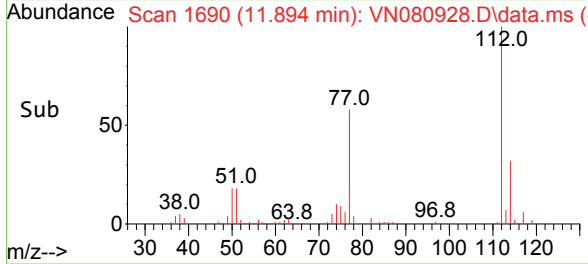
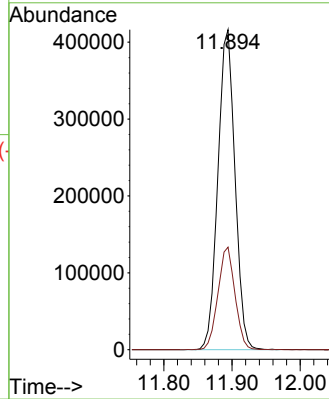
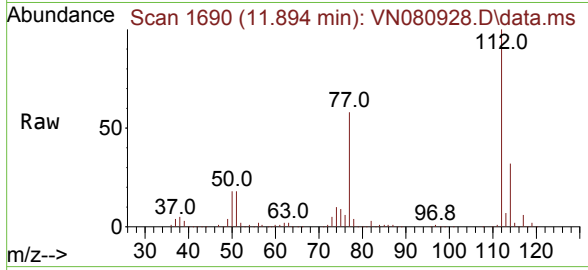




#65  
Chlorobenzene  
Concen: 45.460 ug/l  
RT: 11.894 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

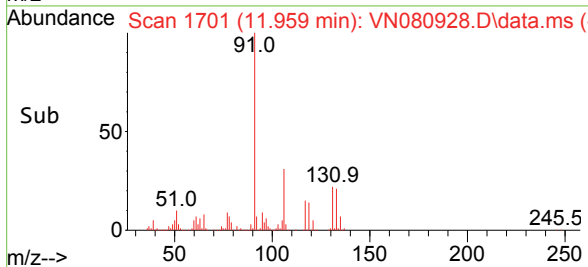
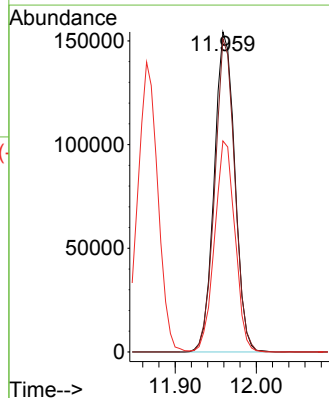
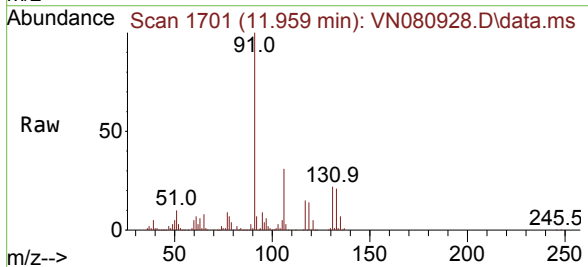
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

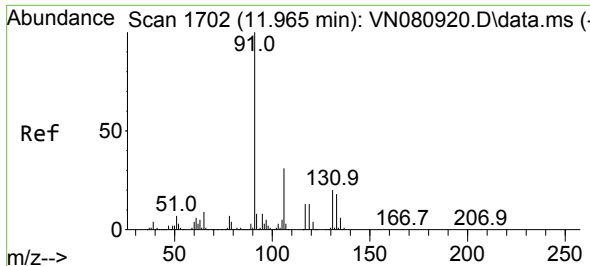
Tgt Ion:112 Resp: 725634  
Ion Ratio Lower Upper  
112 100  
114 32.1 23.7 35.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.256 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion:131 Resp: 272194  
Ion Ratio Lower Upper  
131 100  
133 95.5 46.8 140.3  
119 65.4 34.6 103.9

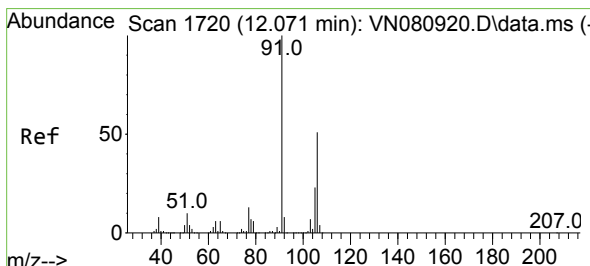
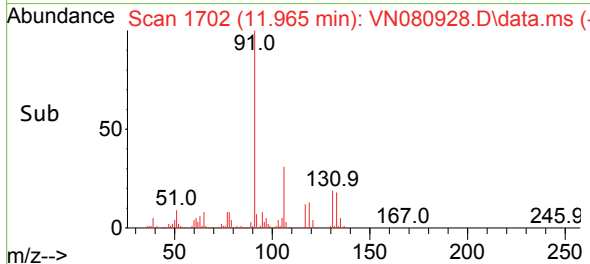
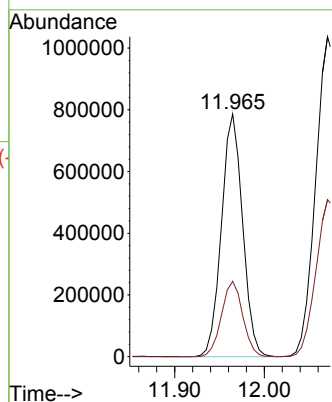
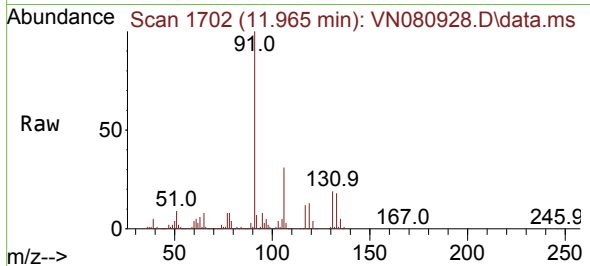




#67  
Ethyl Benzene  
Concen: 46.748 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

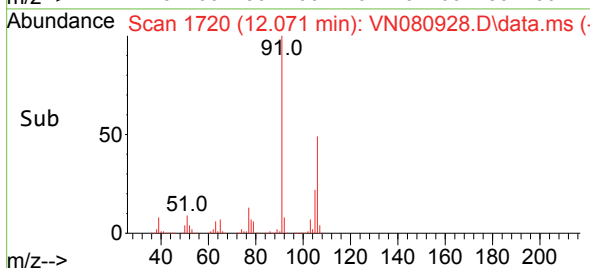
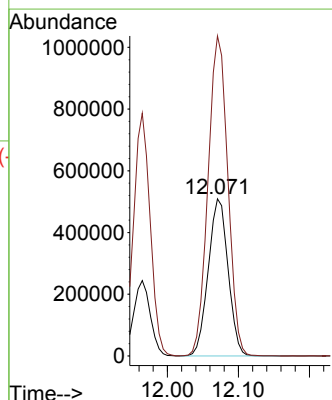
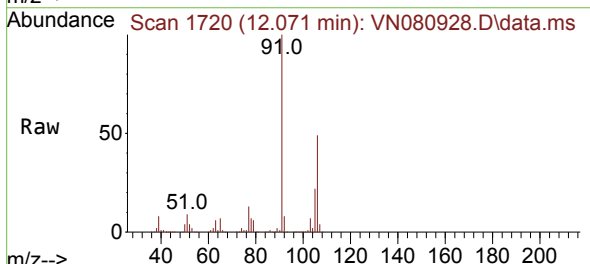
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

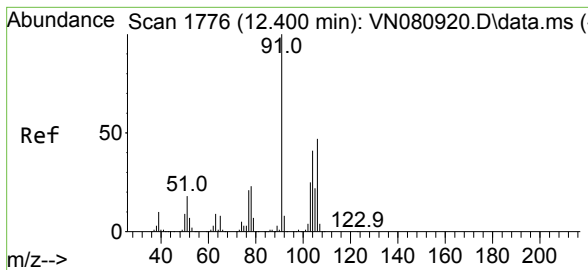
Tgt Ion: 91 Resp: 1285403  
Ion Ratio Lower Upper  
91 100  
106 31.1 23.8 35.6



#68  
m/p-Xylenes  
Concen: 94.517 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion:106 Resp: 987362  
Ion Ratio Lower Upper  
106 100  
91 203.2 169.0 253.6

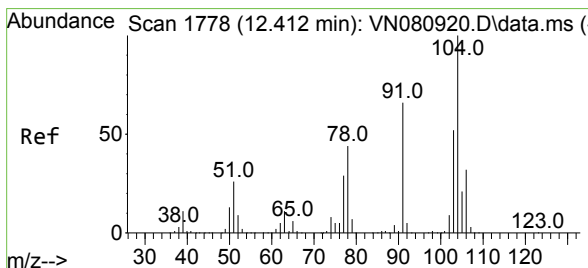
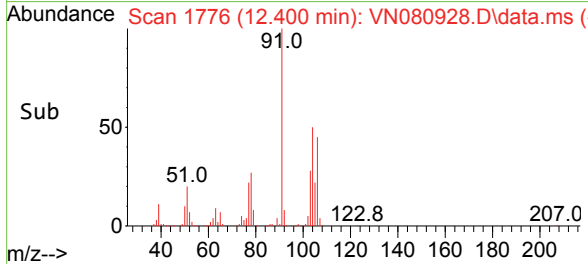
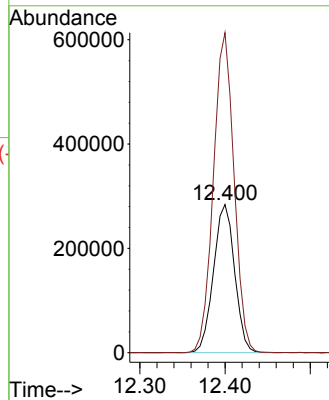
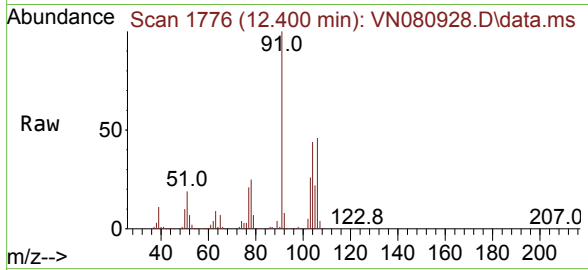




#69  
o-Xylene  
Concen: 48.376 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

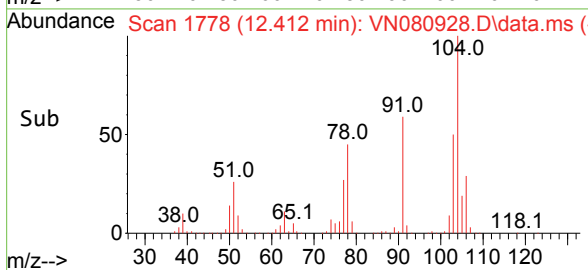
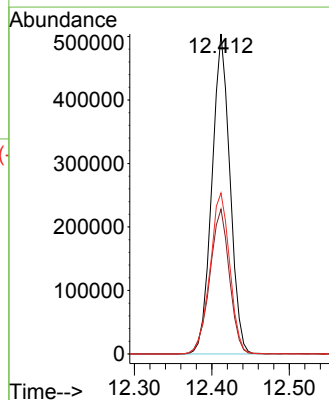
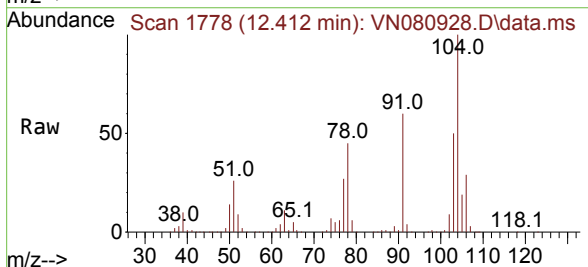
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

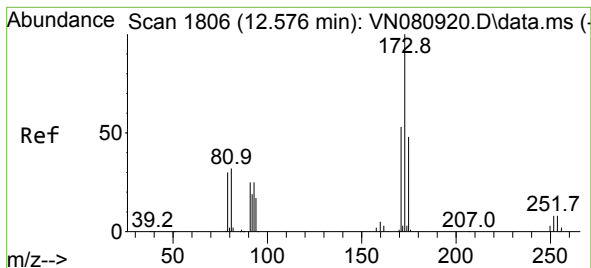
Tgt Ion:106 Resp: 490369  
Ion Ratio Lower Upper  
106 100  
91 211.0 112.1 336.3



#70  
Styrene  
Concen: 53.622 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion:104 Resp: 815761  
Ion Ratio Lower Upper  
104 100  
78 49.1 43.8 65.8  
103 55.0 44.2 66.2





#71

Bromoform

Concen: 48.940 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

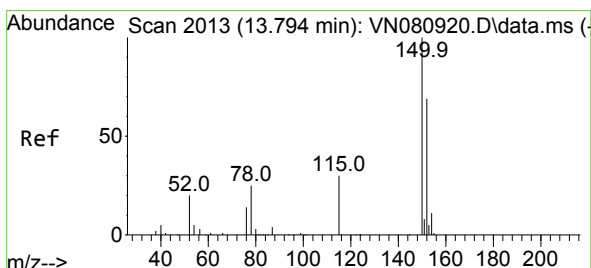
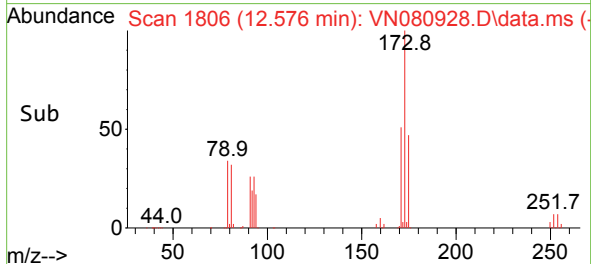
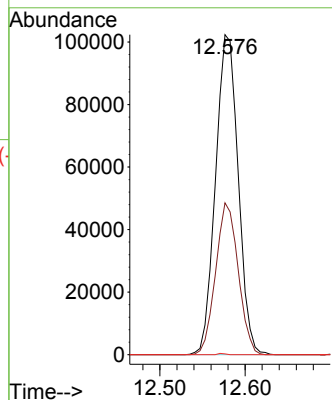
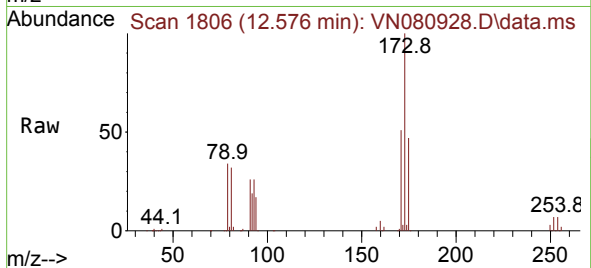
Tgt Ion:173 Resp: 188805

Ion Ratio Lower Upper

173 100

175 47.2 23.1 69.2

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

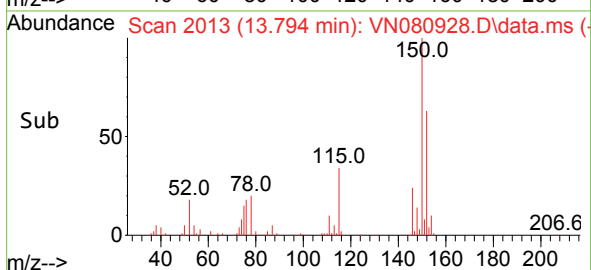
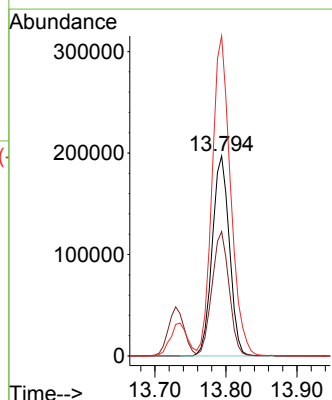
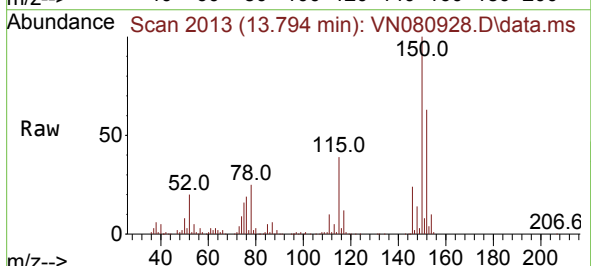
Tgt Ion:152 Resp: 330574

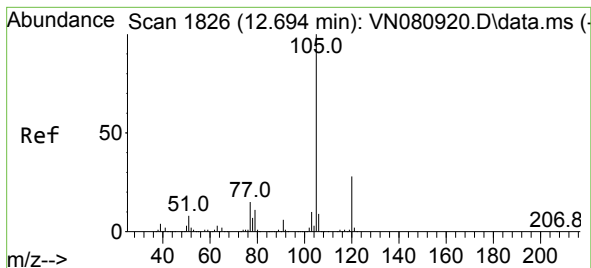
Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 171.3 0.0 339.8





#73

Isopropylbenzene

Concen: 46.223 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

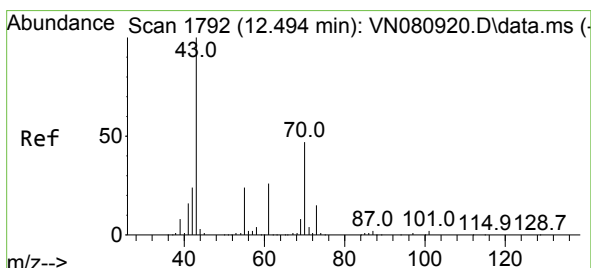
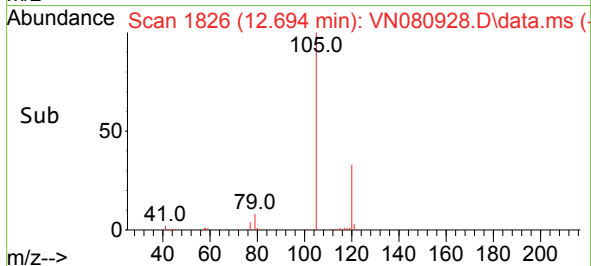
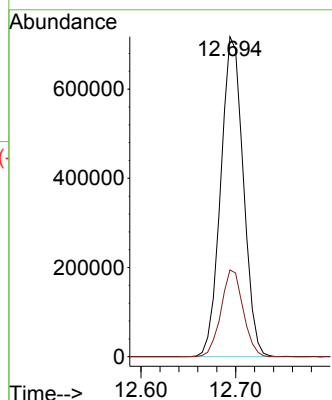
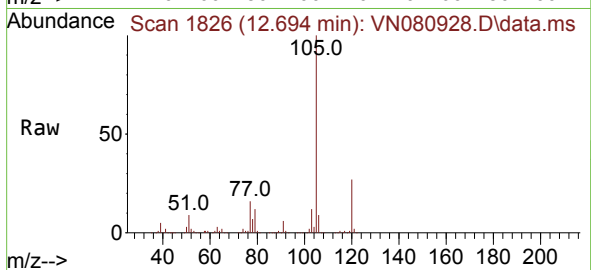
VSTDCCC050

Tgt Ion:105 Resp: 1188352

Ion Ratio Lower Upper

105 100

120 26.6 12.6 37.6



#74

N-ethyl acetate

Concen: 44.879 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Tgt Ion: 43 Resp: 415906

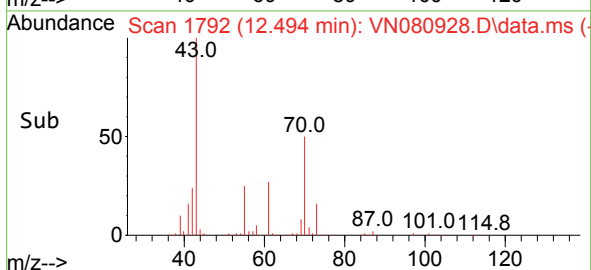
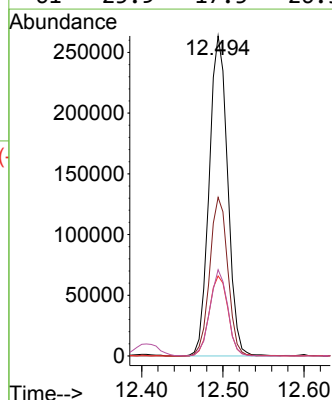
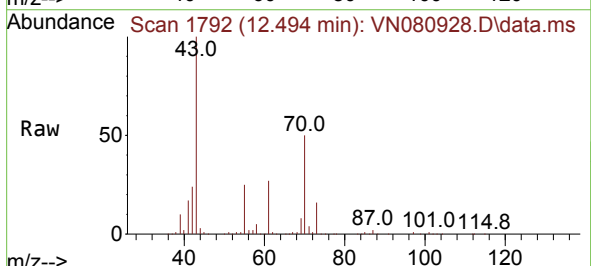
Ion Ratio Lower Upper

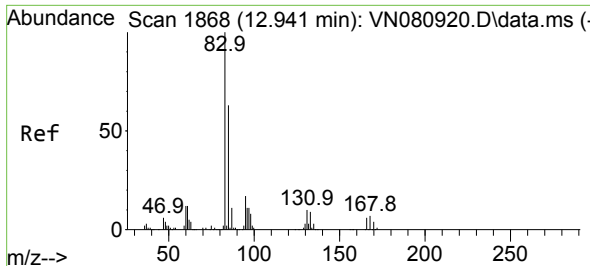
43 100

70 48.5 30.1 45.1#

55 25.4 17.0 25.4

61 25.9 17.5 26.3

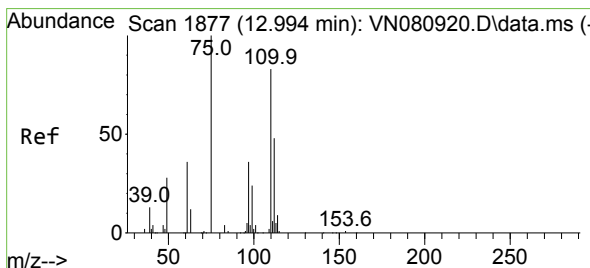
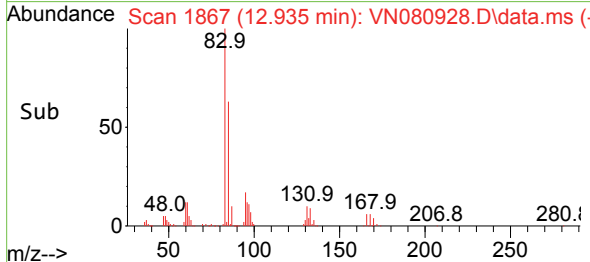
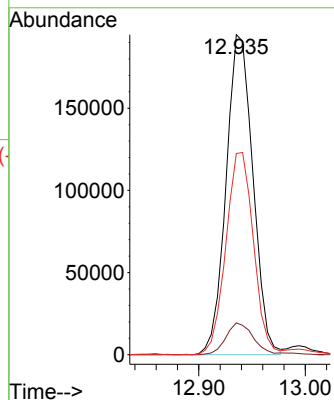
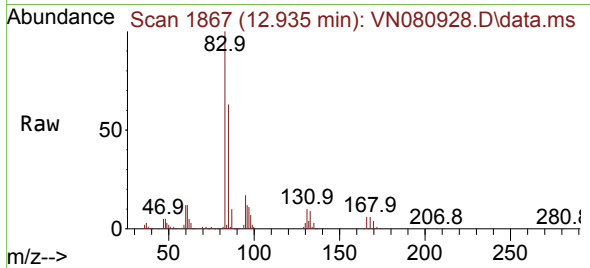




#75  
1,1,2,2-Tetrachloroethane  
Concen: 42.685 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

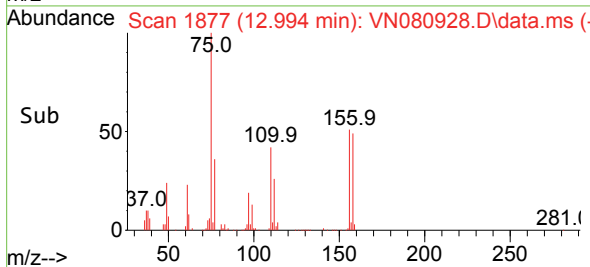
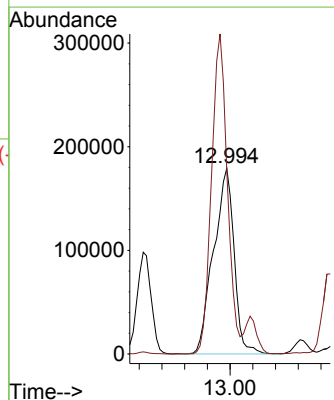
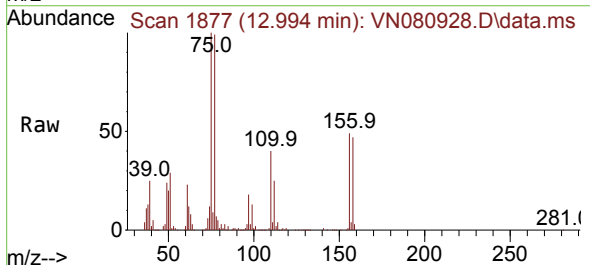
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

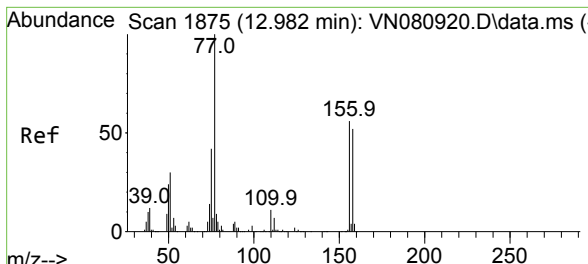
Tgt Ion: 83 Resp: 341382  
Ion Ratio Lower Upper  
83 100  
131 10.5 4.1 12.3  
85 64.8 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 66.774 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 75 Resp: 450074  
Ion Ratio Lower Upper  
75 100  
77 132.4 91.0 272.8



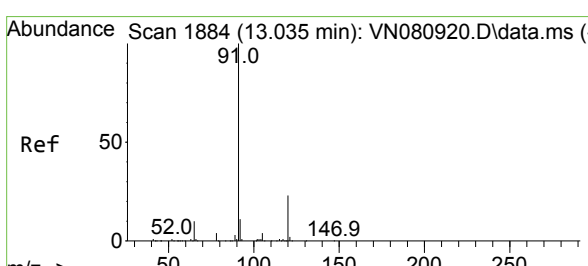
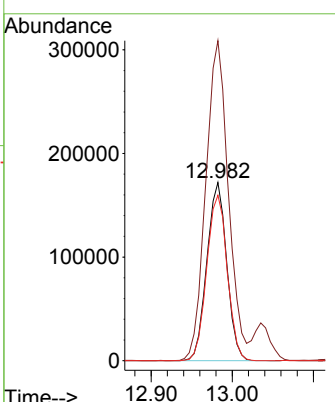
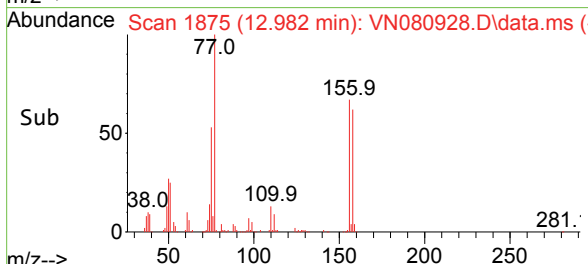
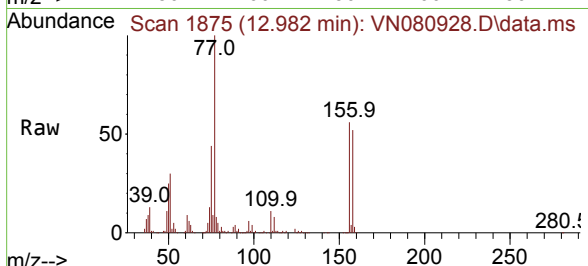


#77  
 Bromobenzene  
 Concen: 44.958 ug/l  
 RT: 12.982 min Scan# 1875  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:156 Resp: 291641

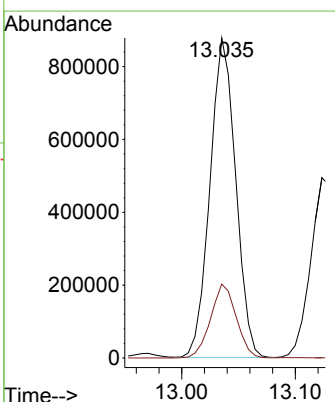
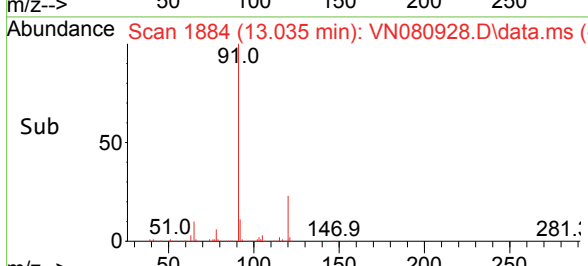
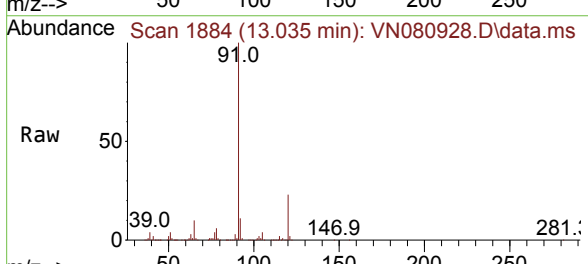
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 204.4 | 138.1 | 414.3 |
| 158 | 96.0  | 46.5  | 139.5 |

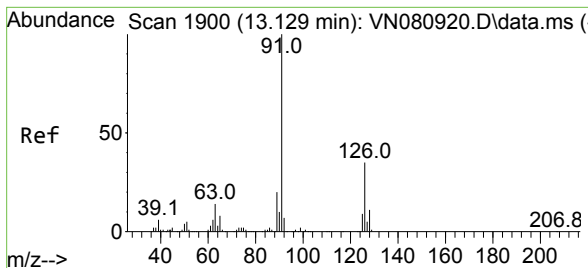


#78  
 n-propylbenzene  
 Concen: 47.487 ug/l  
 RT: 13.035 min Scan# 1884  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

Tgt Ion: 91 Resp: 1378372

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 23.1  | 10.3  | 30.9  |





#79

2-Chlorotoluene

Concen: 46.338 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

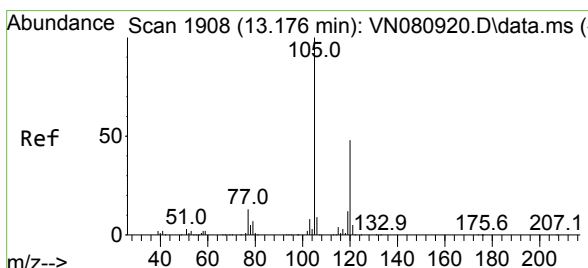
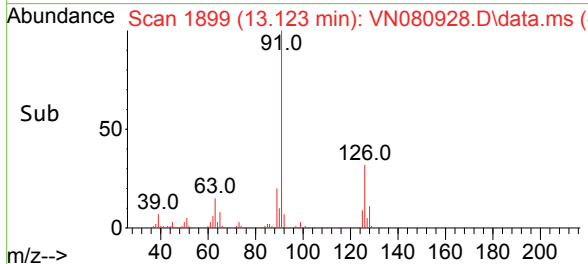
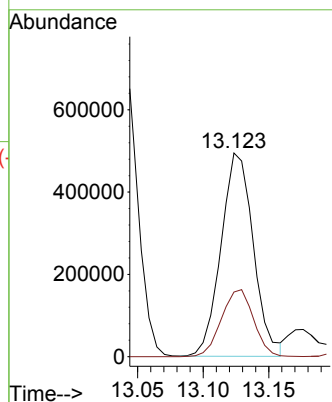
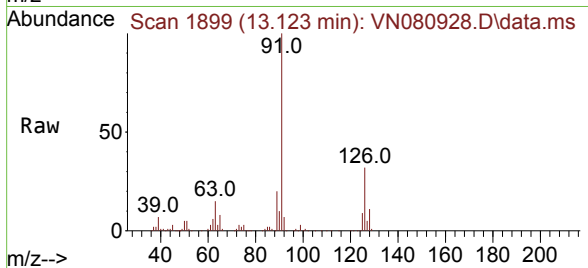
VSTDCCC050

Tgt Ion: 91 Resp: 849991

Ion Ratio Lower Upper

91 100

126 32.7 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 47.348 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN080928.D

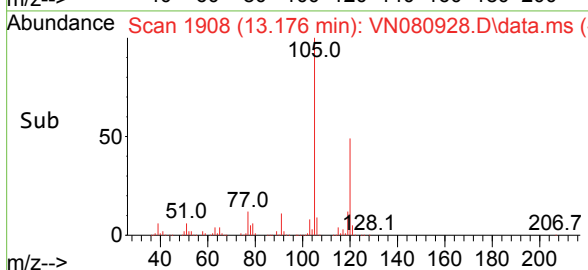
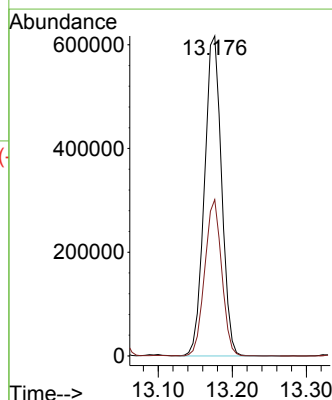
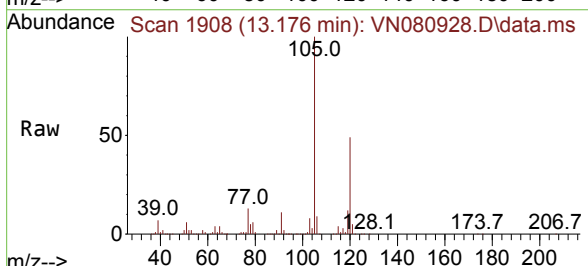
Acq: 07 Feb 2024 09:43

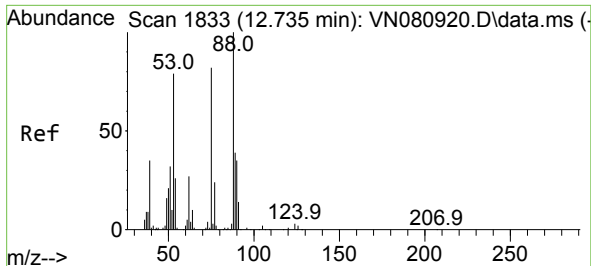
Tgt Ion: 105 Resp: 989413

Ion Ratio Lower Upper

105 100

120 48.3 23.0 69.0

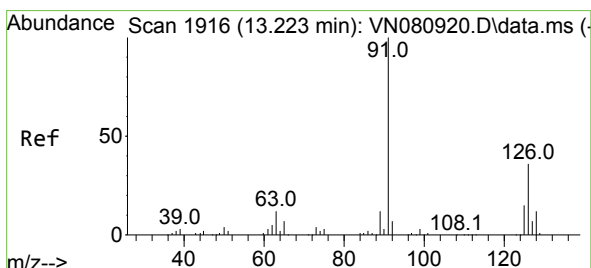
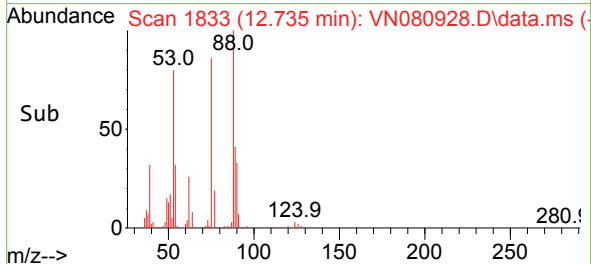
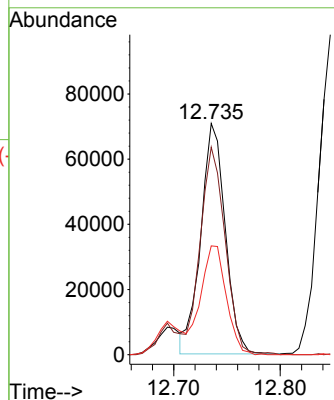
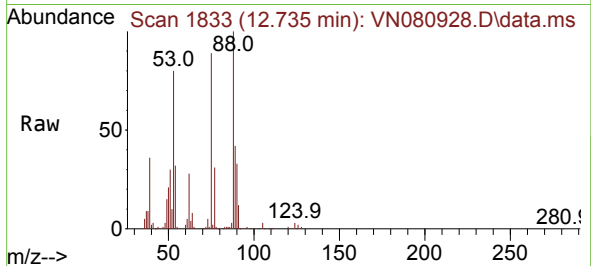




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.553 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

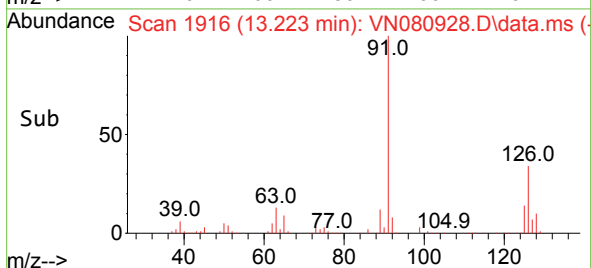
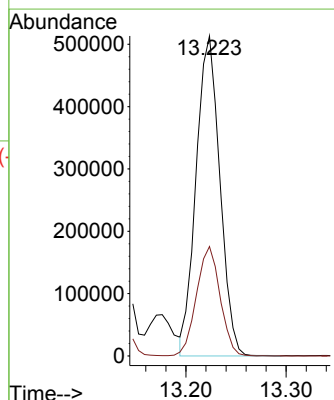
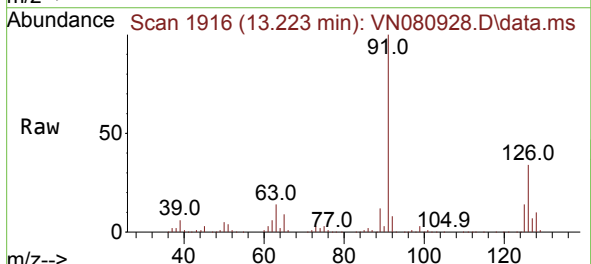
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

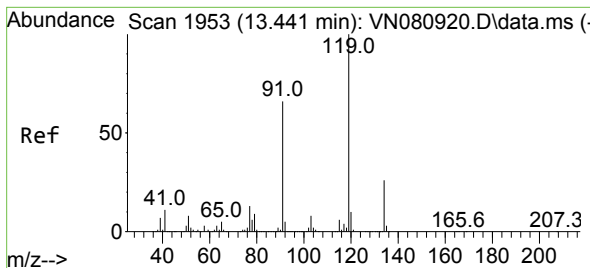
Tgt Ion: 75 Resp: 113011  
Ion Ratio Lower Upper  
75 100  
53 90.8 71.4 107.2  
89 49.2 33.4 50.0



#82  
4-Chlorotoluene  
Concen: 46.247 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 91 Resp: 846394  
Ion Ratio Lower Upper  
91 100  
126 34.0 15.3 45.9





#83

tert-Butylbenzene

Concen: 46.048 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080928.D

Acq: 07 Feb 2024 09:43

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

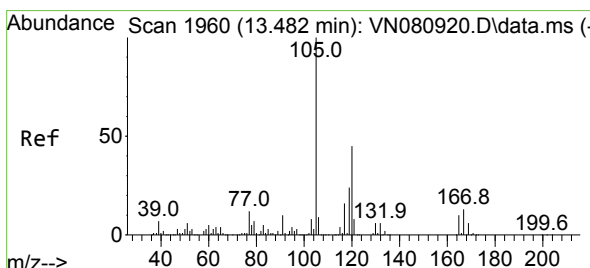
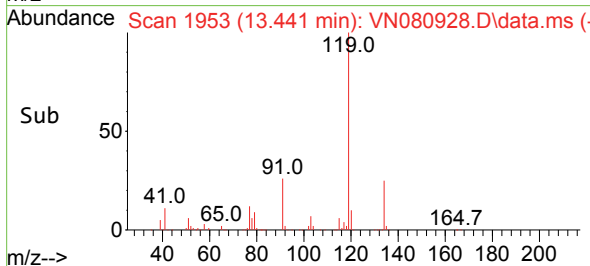
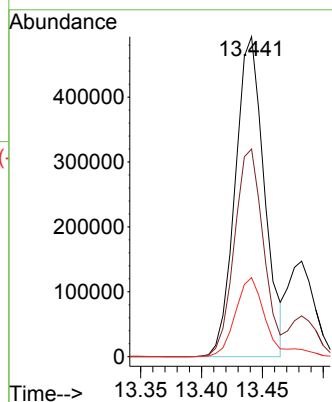
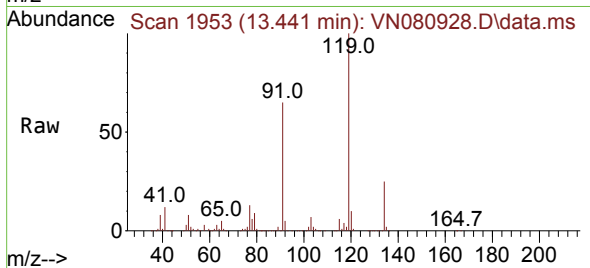
Tgt Ion:119 Resp: 820234

Ion Ratio Lower Upper

119 100

91 64.9 36.8 110.4

134 26.2 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 47.383 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080928.D

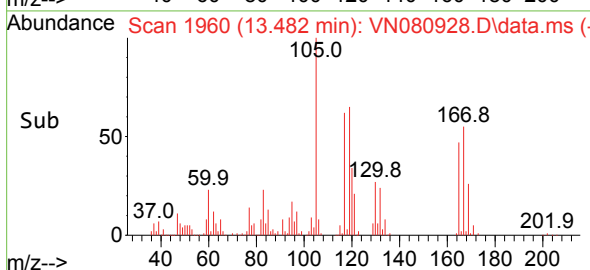
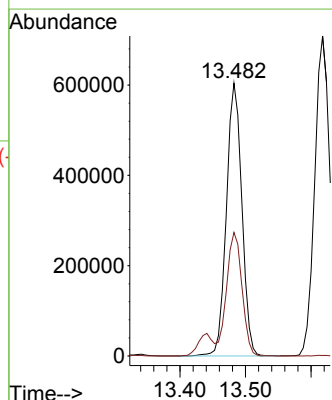
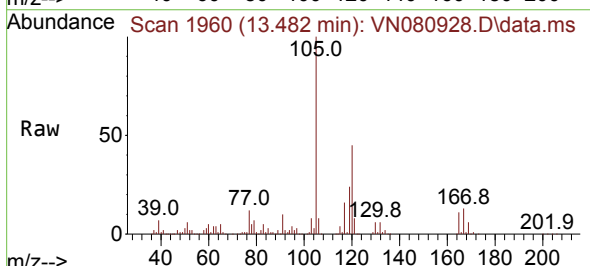
Acq: 07 Feb 2024 09:43

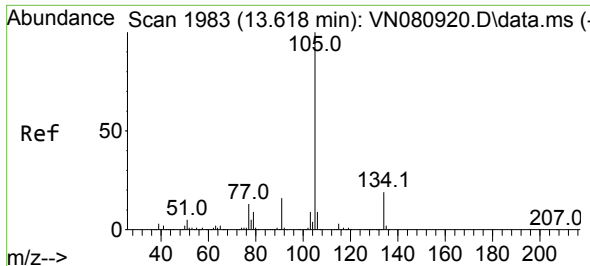
Tgt Ion:105 Resp: 986179

Ion Ratio Lower Upper

105 100

120 45.5 20.9 62.7

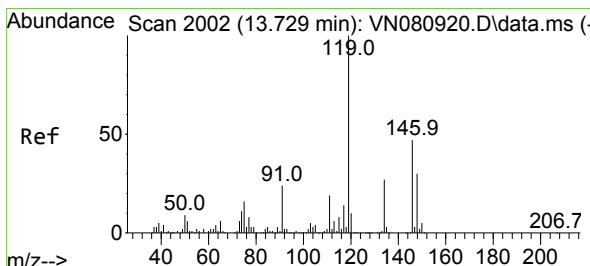
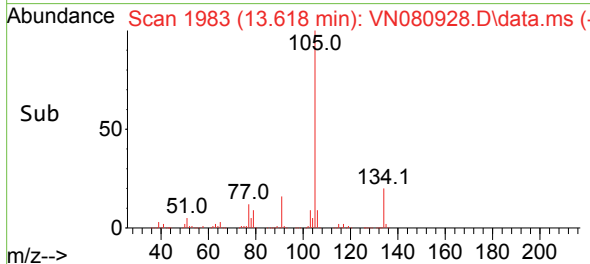
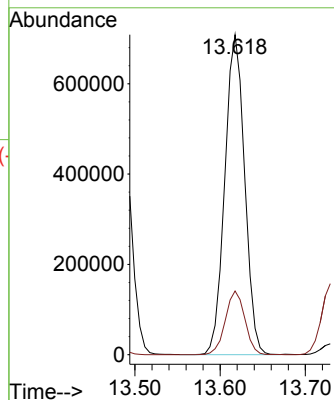
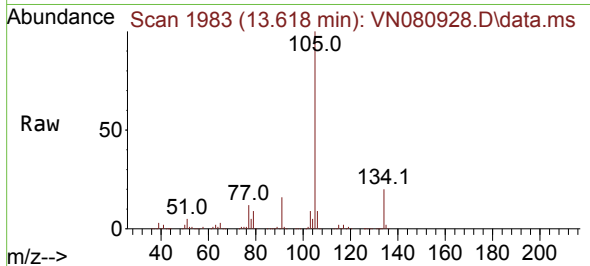




#85  
 sec-Butylbenzene  
 Concen: 48.019 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

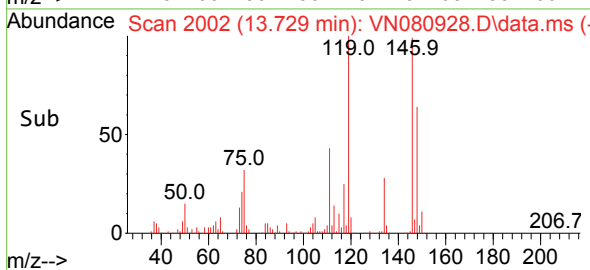
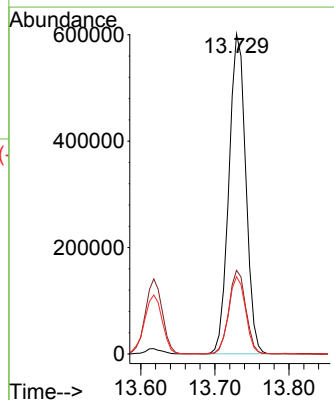
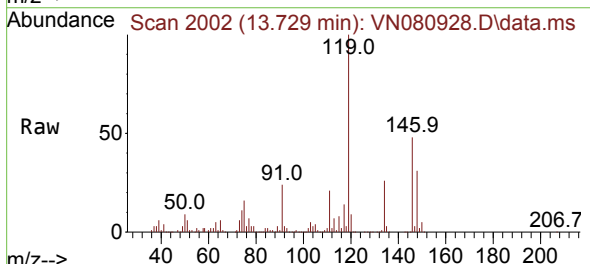
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

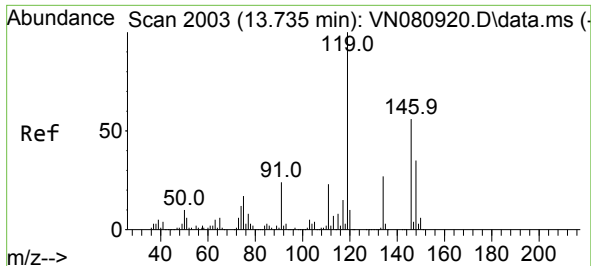
Tgt Ion:105 Resp: 1149365  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 8.6 25.8



#86  
 p-Isopropyltoluene  
 Concen: 46.937 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

Tgt Ion:119 Resp: 949438  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 12.4 37.2  
 91 24.1 13.5 40.4

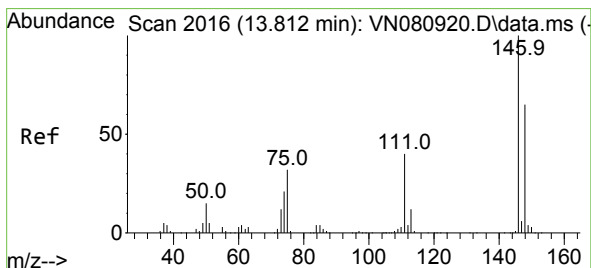
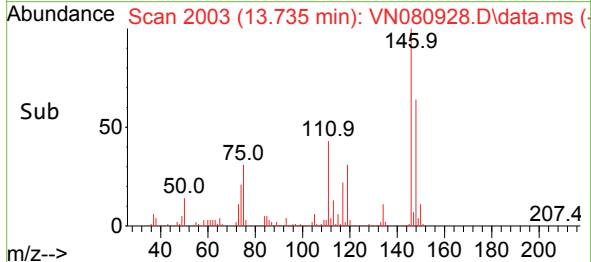
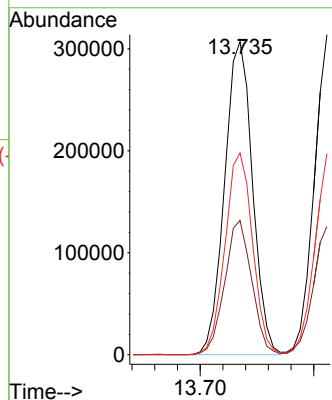
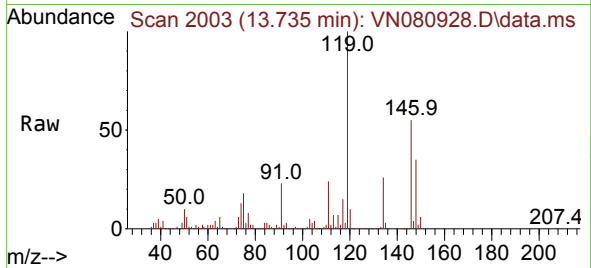




#87  
1,3-Dichlorobenzene  
Concen: 45.314 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

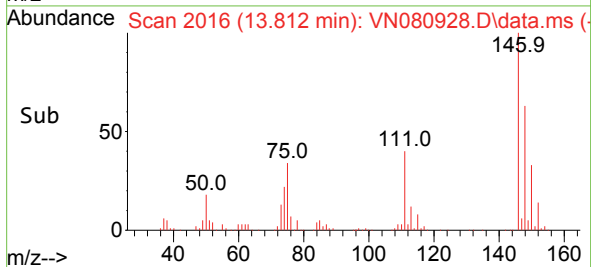
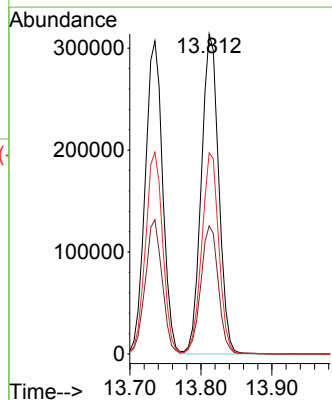
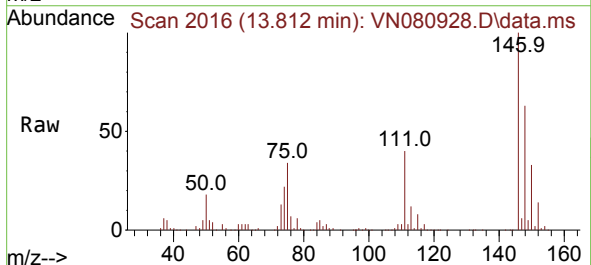
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

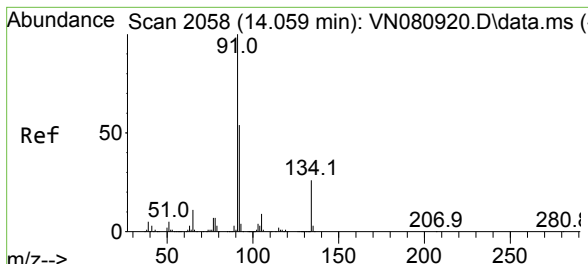
Tgt Ion:146 Resp: 523494  
Ion Ratio Lower Upper  
146 100  
111 41.5 23.9 71.7  
148 63.7 32.6 97.7



#88  
1,4-Dichlorobenzene  
Concen: 45.534 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion:146 Resp: 533828  
Ion Ratio Lower Upper  
146 100  
111 40.8 22.6 67.7  
148 61.9 31.9 95.5



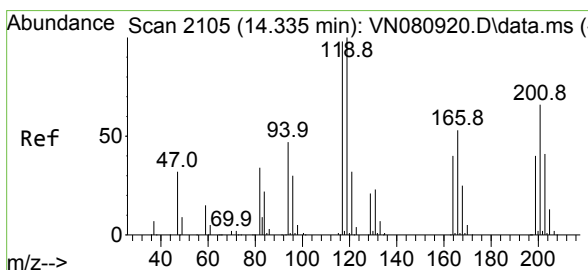
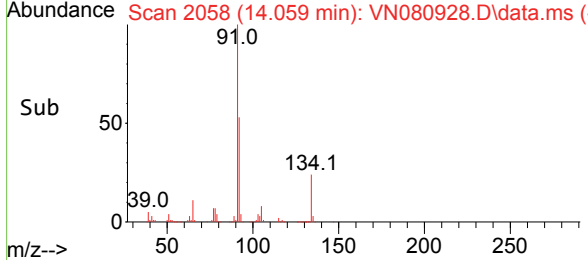
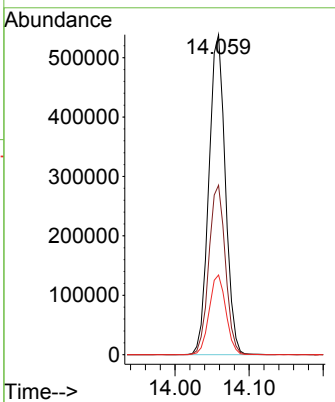
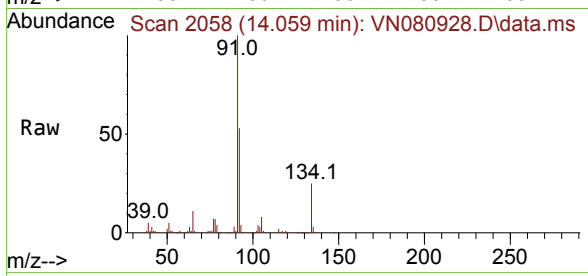


#89  
 n-Butylbenzene  
 Concen: 46.525 ug/l  
 RT: 14.059 min Scan# 2058  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 91 Resp: 831328

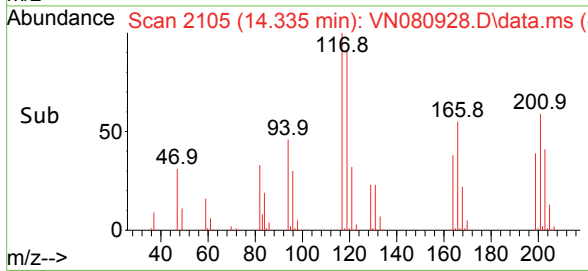
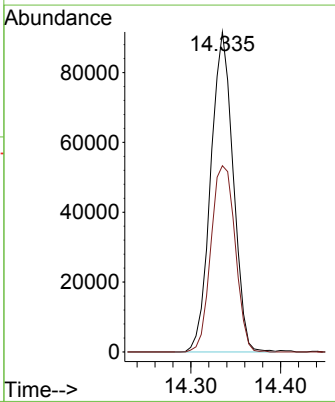
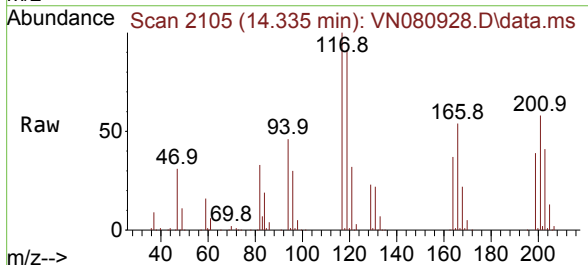
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.3  | 26.7  | 80.1  |
| 134 | 25.3  | 10.8  | 32.4  |

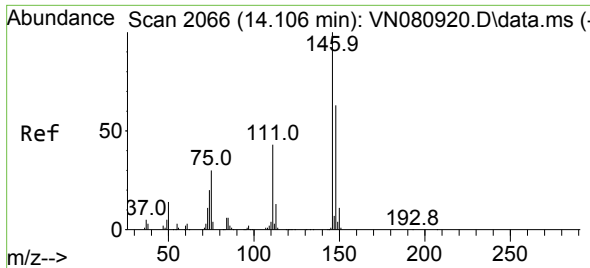


#90  
 Hexachloroethane  
 Concen: 49.953 ug/l  
 RT: 14.335 min Scan# 2105  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

Tgt Ion: 117 Resp: 159331

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 62.9  | 30.0  | 90.0  |

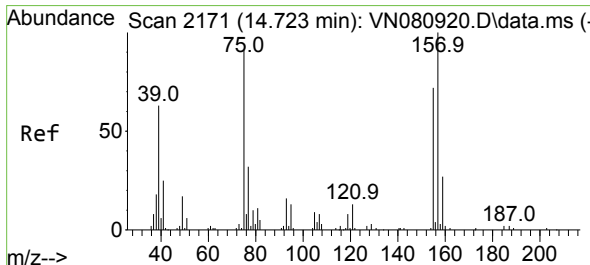
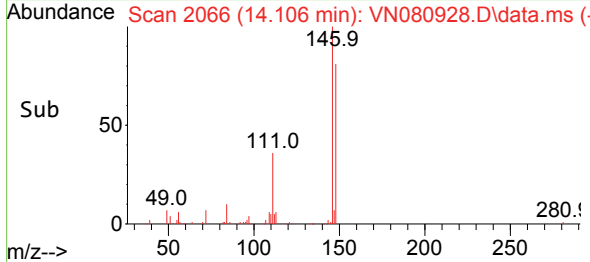
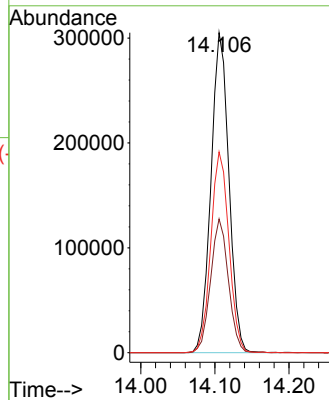
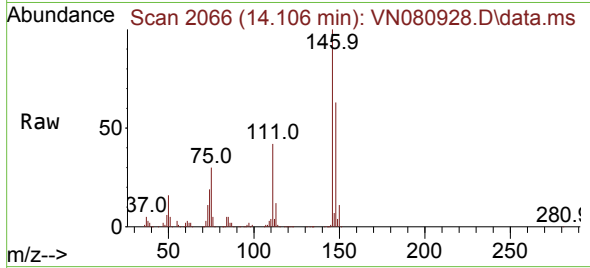




#91  
1,2-Dichlorobenzene  
Concen: 46.275 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

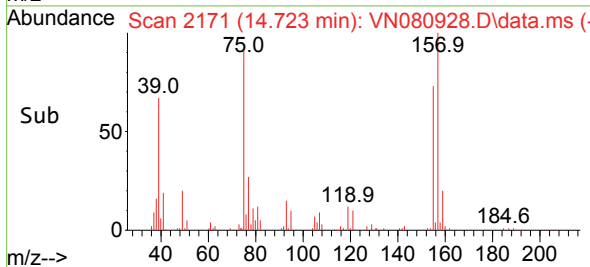
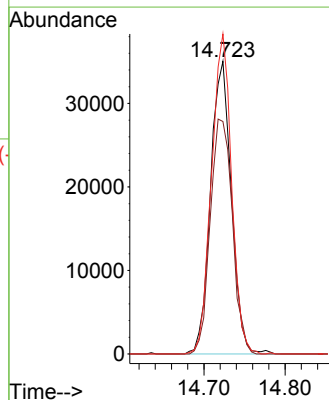
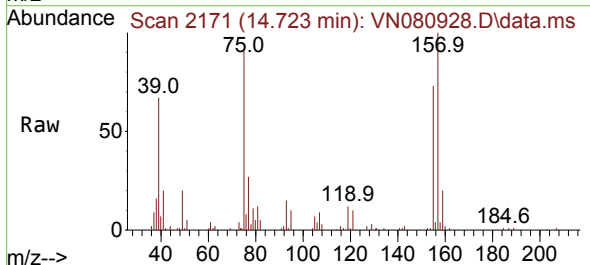
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

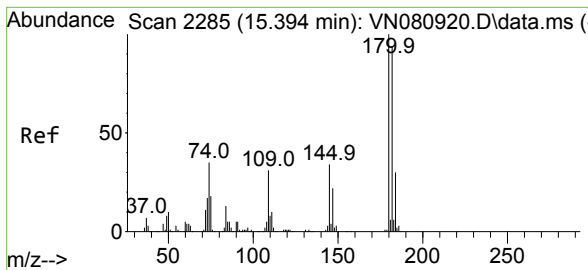
Tgt Ion:146 Resp: 512176  
Ion Ratio Lower Upper  
146 100  
111 41.5 23.9 71.8  
148 63.4 31.4 94.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 41.849 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion: 75 Resp: 62604  
Ion Ratio Lower Upper  
75 100  
155 84.9 31.8 95.4  
157 105.2 41.1 123.4

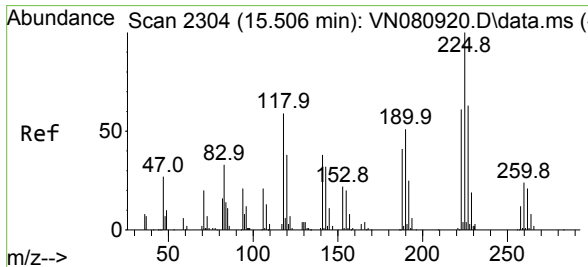
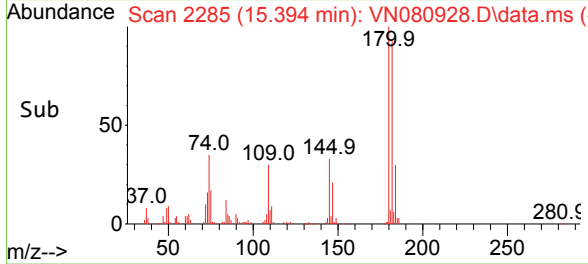
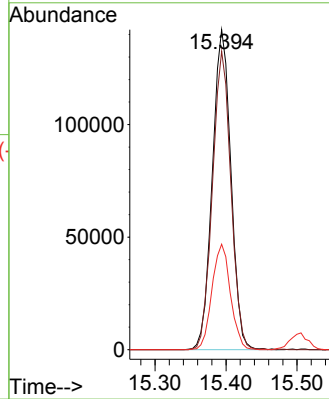
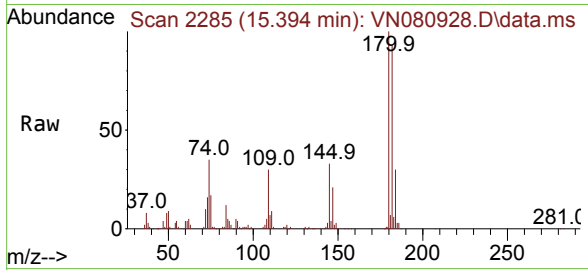




#93  
1,2,4-Trichlorobenzene  
Concen: 47.082 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

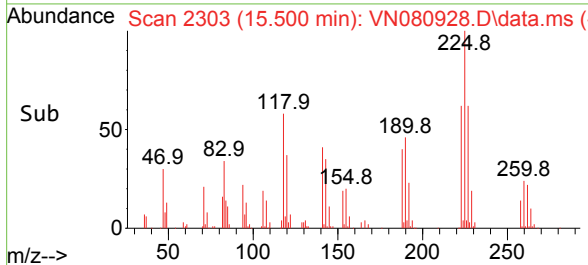
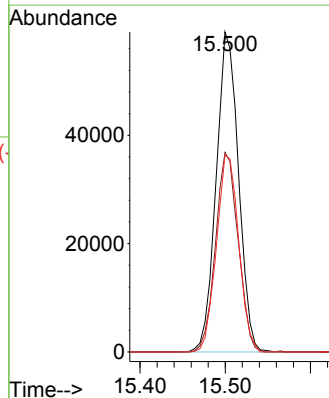
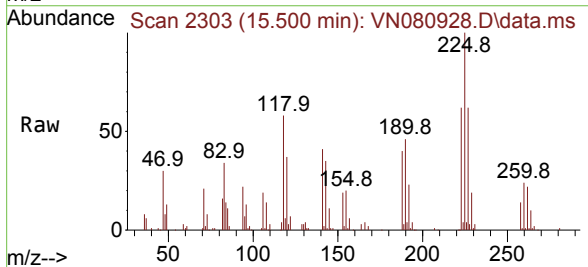
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

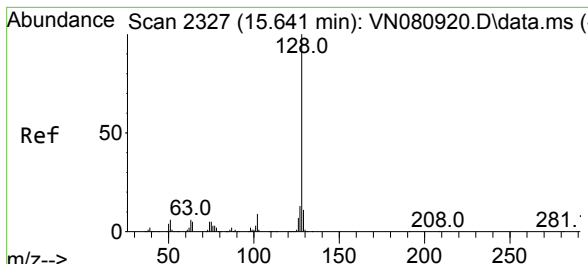
Tgt Ion:180 Resp: 257774  
Ion Ratio Lower Upper  
180 100  
182 92.7 46.6 139.7  
145 32.8 16.8 50.3



#94  
Hexachlorobutadiene  
Concen: 45.328 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. -0.006 min  
Lab File: VN080928.D  
Acq: 07 Feb 2024 09:43

Tgt Ion:225 Resp: 107593  
Ion Ratio Lower Upper  
225 100  
223 63.1 33.3 99.8  
227 61.4 33.1 99.2

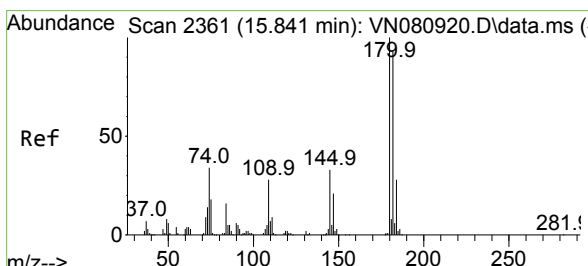
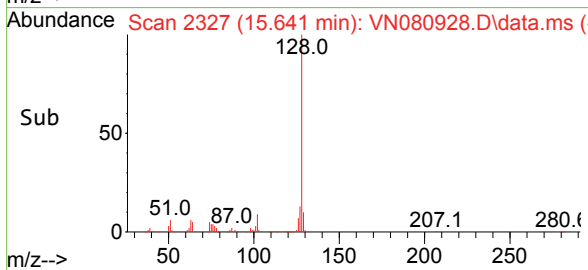
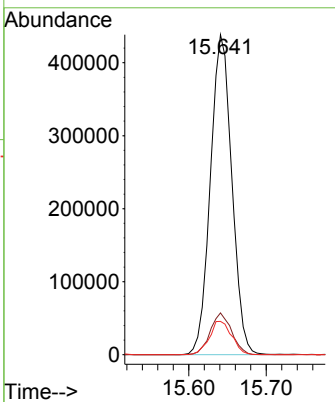
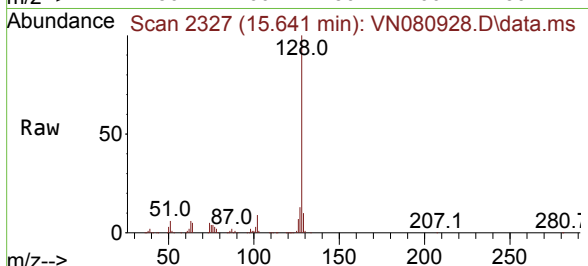




#95  
 Naphthalene  
 Concen: 46.748 ug/l  
 RT: 15.641 min Scan# 2327  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 845064 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.1  | 10.0  | 15.0   |
| 129      | 10.9  | 8.7   | 13.1   |



#96  
 1,2,3-Trichlorobenzene  
 Concen: 45.394 ug/l  
 RT: 15.841 min Scan# 2361  
 Delta R.T. -0.000 min  
 Lab File: VN080928.D  
 Acq: 07 Feb 2024 09:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 244639 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 94.9  | 46.5  | 139.3  |
| 145      | 33.5  | 17.8  | 53.4   |

