

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062823\  
 Data File : VN078431.D  
 Acq On : 28 Jun 2023 10:41  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050

Quant Time: Jun 29 05:15:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 438811   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 765397   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 672938   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 267250   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 282539   | 48.292   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 96.580%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 247272   | 51.094   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 102.180% |
| 50) Toluene-d8              | 10.571 | 98    | 893448   | 47.889   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 95.780%  |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 293165   | 50.546   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 101.100% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 188361  | 37.974  | ug/l   | 90  |
| 3) Chloromethane             | 2.371 | 50  | 219870  | 47.007  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.524 | 62  | 305683  | 47.062  | ug/l   | 97  |
| 5) Bromomethane              | 2.948 | 94  | 217314  | 44.271  | ug/l   | 100 |
| 6) Chloroethane              | 3.118 | 64  | 210451  | 47.530  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.506 | 101 | 412260  | 46.805  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.965 | 74  | 144643  | 46.736  | ug/l   | 83  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 225262  | 48.459  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.600 | 142 | 306714  | 46.656  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 5.536 | 59  | 183626  | 227.299 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.348 | 96  | 212710  | 44.390  | ug/l   | 97  |
| 13) Acrolein                 | 4.183 | 56  | 253719  | 284.960 | ug/l   | 97  |
| 14) Allyl chloride           | 5.036 | 41  | 287231  | 49.105  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.730 | 53  | 520380  | 249.848 | ug/l   | 98  |
| 16) Acetone                  | 4.442 | 43  | 407132  | 241.758 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.718 | 76  | 523413  | 42.437  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.036 | 43  | 365653  | 47.161  | ug/l   | 91  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 748665  | 48.969  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.283 | 84  | 251319  | 45.161  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.794 | 96  | 240147  | 46.466  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.683 | 45  | 709040  | 51.532  | ug/l   | 94  |
| 23) Vinyl Acetate            | 6.612 | 43  | 2105110 | 257.380 | ug/l # | 92  |
| 24) 1,1-Dichloroethane       | 6.577 | 63  | 446541  | 49.197  | ug/l   | 98  |
| 25) 2-Butanone               | 7.488 | 43  | 652848  | 252.094 | ug/l # | 86  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 383488  | 57.221  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 284701  | 46.182  | ug/l   | 92  |
| 28) Bromochloromethane       | 7.818 | 49  | 202978  | 48.706  | ug/l   | 93  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 422297  | 243.929 | ug/l   | 86  |
| 30) Chloroform               | 7.971 | 83  | 488387  | 49.969  | ug/l   | 95  |
| 31) Cyclohexane              | 8.259 | 56  | 331166  | 44.125  | ug/l   | 87  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 421500  | 49.122  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 343555  | 49.492  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.565 | 43  | 268086  | 49.436  | ug/l # | 93  |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 378628  | 51.656  | ug/l   | 94  |
| 39) Methylcyclohexane        | 9.606 | 83  | 308722  | 42.914  | ug/l   | 94  |
| 40) Benzene                  | 8.612 | 78  | 1052950 | 50.808  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062823\  
 Data File : VN078431.D  
 Acq On : 28 Jun 2023 10:41  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 29 05:15:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 147405   | 50.149  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 365611   | 51.454  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 486601   | 46.920  | ug/l   | 95       |
| 44) Trichloroethene           | 9.359  | 130  | 274339   | 50.126  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.630  | 63   | 277572   | 53.833  | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 194294   | 51.159  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.894  | 83   | 384494   | 54.503  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.688  | 41   | 227276   | 52.220  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 89366    | 976.950 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43   | 1419079  | 259.846 | ug/l   | 94       |
| 52) Toluene                   | 10.635 | 92   | 663162   | 50.683  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 416538   | 56.695  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 440052   | 54.184  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 11.024 | 97   | 269517   | 54.451  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 383840   | 53.258  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 11.171 | 76   | 447532   | 53.565  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 713687   | 245.128 | ug/l   | 93       |
| 59) 2-Hexanone                | 11.200 | 43   | 989076   | 260.105 | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.365 | 129  | 295251   | 54.512  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 270818   | 52.137  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 232109   | 51.702  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 719790   | 49.946  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 276472   | 52.160  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.971 | 91   | 1261668  | 50.738  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.076 | 106  | 960774   | 101.383 | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 471309   | 50.644  | ug/l   | 98       |
| 70) Styrene                   | 12.418 | 104  | 757282   | 51.688  | ug/l   | 96       |
| 71) Bromoform                 | 12.582 | 173  | 191497   | 55.983  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.700 | 105  | 1155232  | 45.712  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 395676   | 47.545  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 361319   | 52.084  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 435907   | 68.996  | ug/l   | 74       |
| 77) Bromobenzene              | 12.988 | 156  | 277548   | 47.310  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.041 | 91   | 1281007  | 46.654  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 806179   | 45.486  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 949412   | 46.402  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 110733   | 53.848  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.229 | 91   | 795698   | 48.103  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 772849   | 43.453  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 942201   | 47.497  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.623 | 105  | 974889   | 41.879  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 810829   | 42.922  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 468972   | 47.259  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 449552   | 46.948  | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.059 | 91   | 619453   | 41.573  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.341 | 117  | 154484   | 46.081  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 452568   | 46.664  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 55469    | 44.312  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 142078   | 41.117  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 77992    | 45.822  | ug/l   | 99       |
| 95) Naphthalene               | 15.647 | 128  | 461027   | 39.664  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 159279   | 41.214  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062823\  
Data File : VN078431.D  
Acq On : 28 Jun 2023 10:41  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

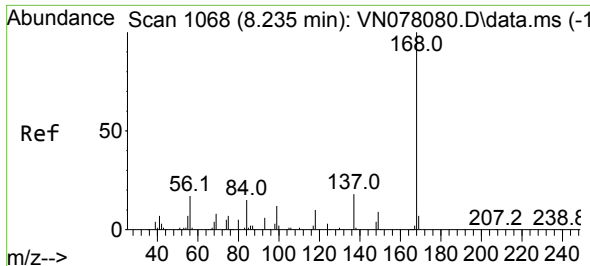
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Jun 29 05:15:52 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 07 05:05:00 2023  
Response via : Initial Calibration

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

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

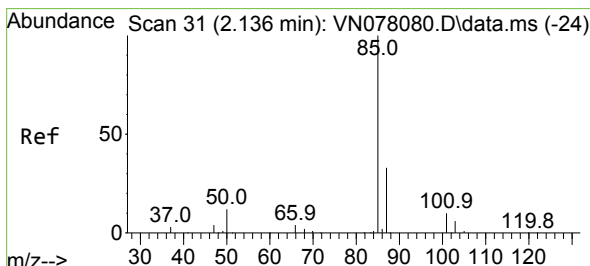
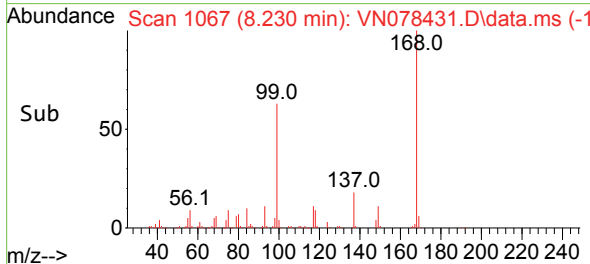
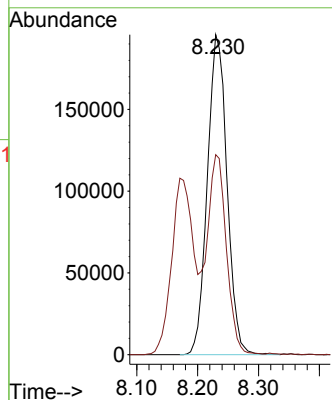
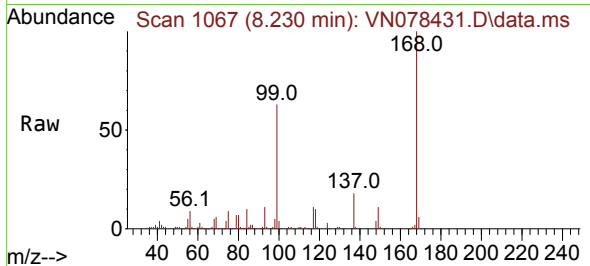




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.005 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

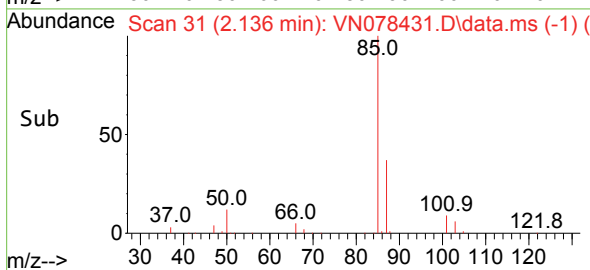
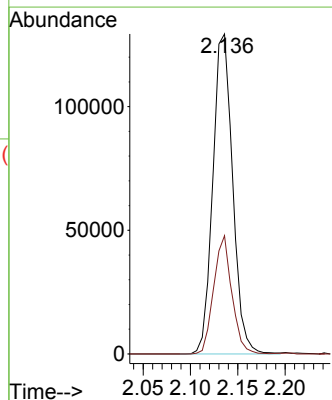
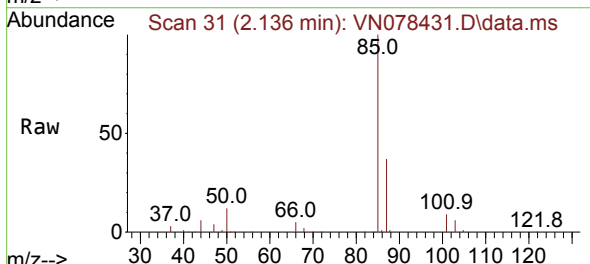
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

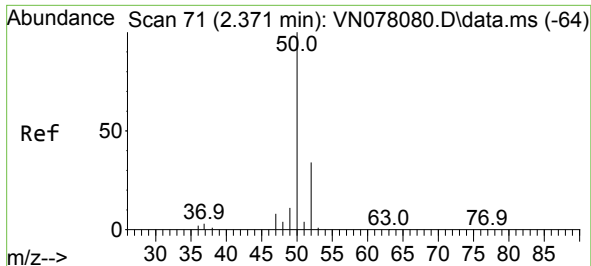
Tgt Ion:168 Resp: 438811  
Ion Ratio Lower Upper  
168 100  
99 62.3 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 37.974 ug/l  
RT: 2.136 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 85 Resp: 188361  
Ion Ratio Lower Upper  
85 100  
87 36.9 15.8 47.4

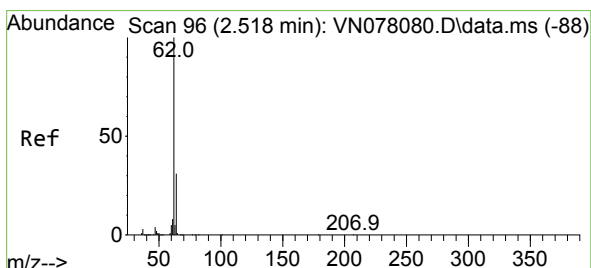
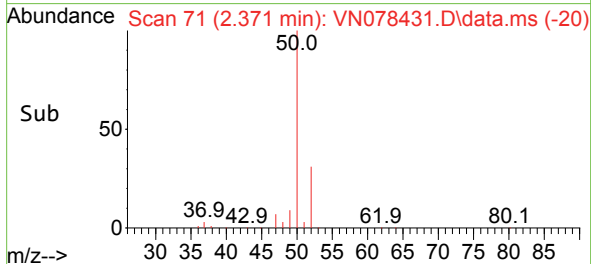
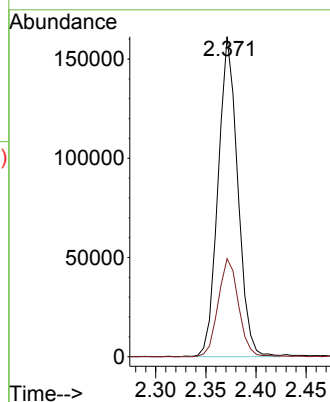
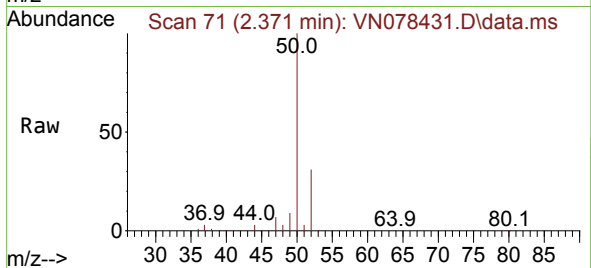




#3  
 Chloromethane  
 Concen: 47.007 ug/l  
 RT: 2.371 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VN078431.D  
 Acq: 28 Jun 2023 10:41

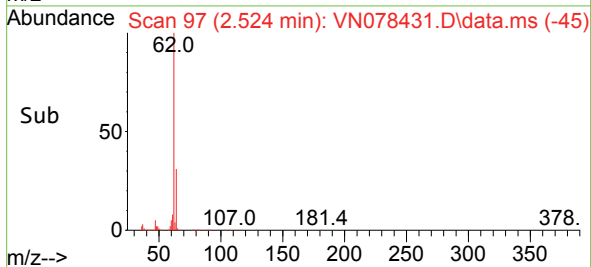
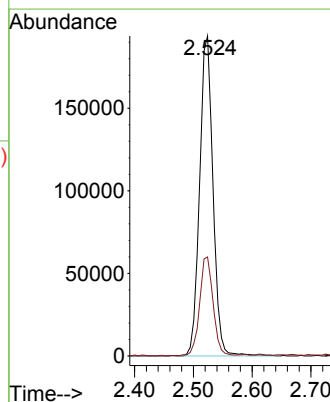
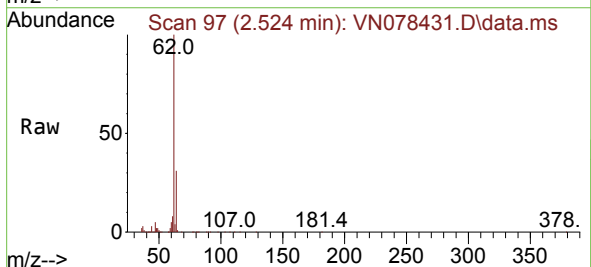
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

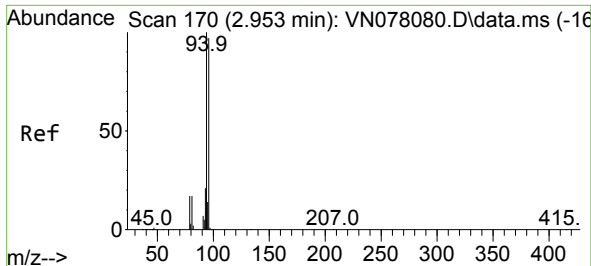
Tgt Ion: 50 Resp: 219870  
 Ion Ratio Lower Upper  
 50 100  
 52 30.6 26.5 39.7



#4  
 Vinyl Chloride  
 Concen: 47.062 ug/l  
 RT: 2.524 min Scan# 97  
 Delta R.T. 0.006 min  
 Lab File: VN078431.D  
 Acq: 28 Jun 2023 10:41

Tgt Ion: 62 Resp: 305683  
 Ion Ratio Lower Upper  
 62 100  
 64 30.8 26.2 39.2

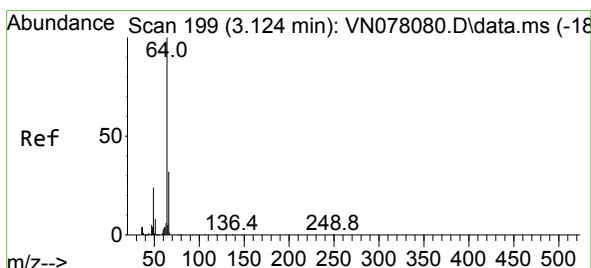
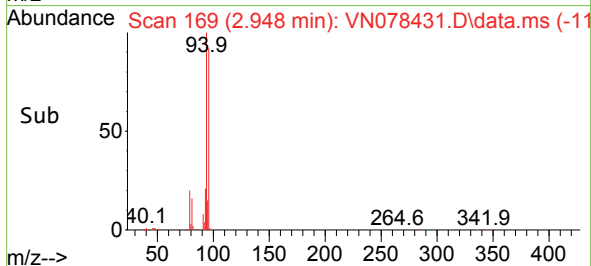
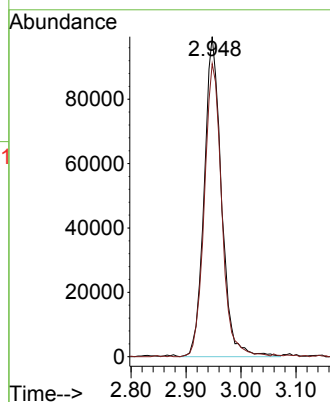
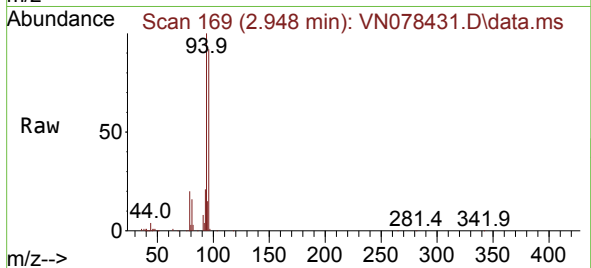




#5  
Bromomethane  
Concen: 44.271 ug/l  
RT: 2.948 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

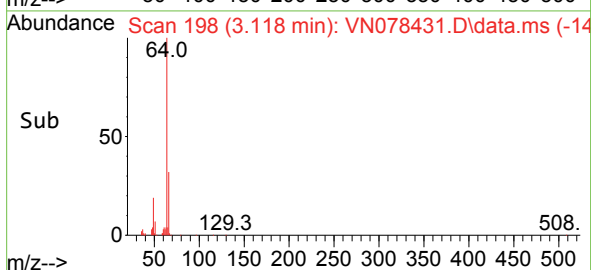
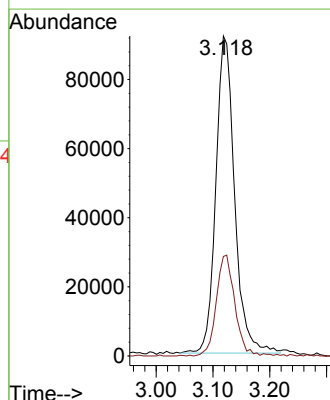
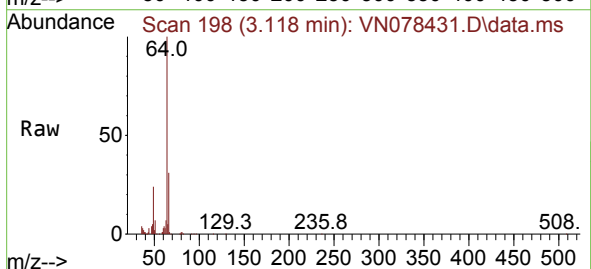
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

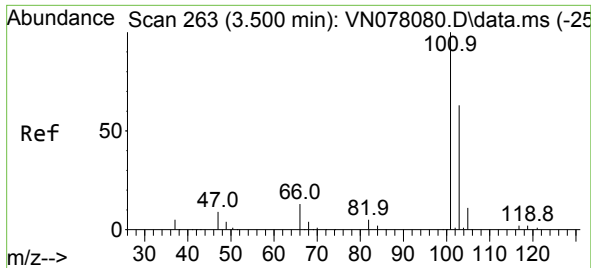
Tgt Ion: 94 Resp: 217314  
Ion Ratio Lower Upper  
94 100  
96 91.6 73.1 109.7



#6  
Chloroethane  
Concen: 47.530 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 64 Resp: 210451  
Ion Ratio Lower Upper  
64 100  
66 31.2 25.4 38.2

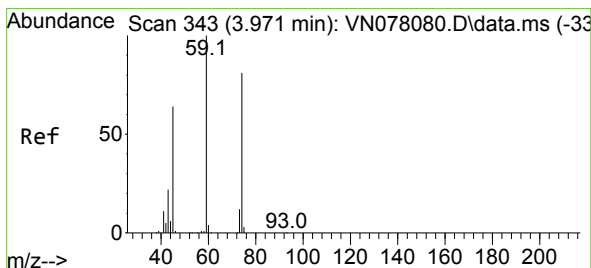
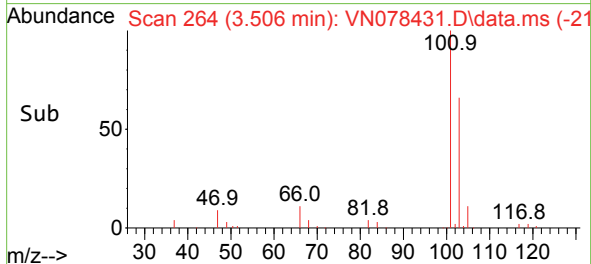
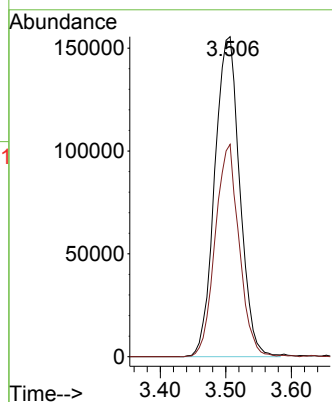
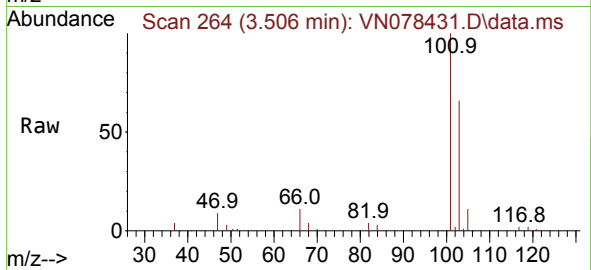




#7  
Trichlorofluoromethane  
Concen: 46.805 ug/l  
RT: 3.506 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

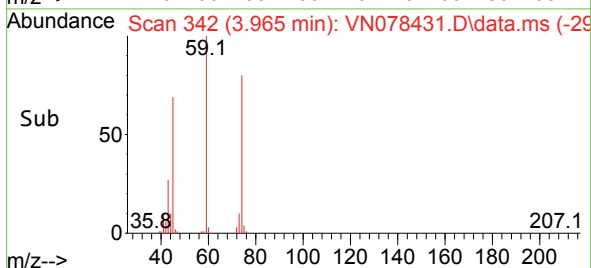
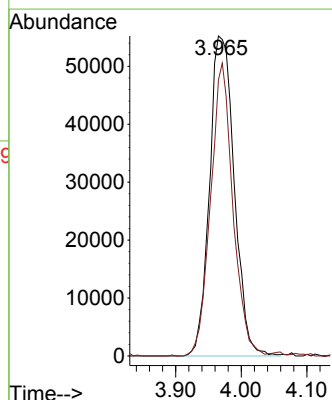
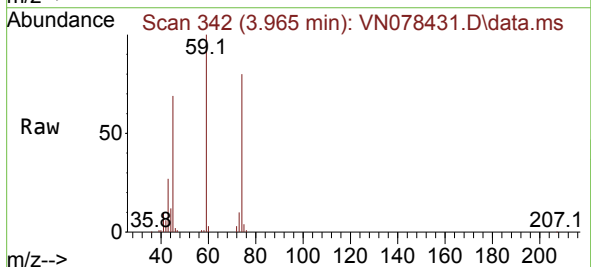
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

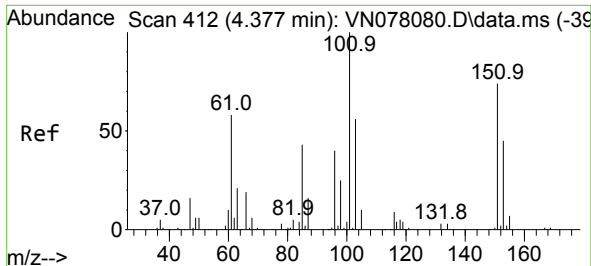
Tgt Ion:101 Resp: 412260  
Ion Ratio Lower Upper  
101 100  
103 66.4 50.7 76.1



#8  
Diethyl Ether  
Concen: 46.736 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 74 Resp: 144643  
Ion Ratio Lower Upper  
74 100  
45 82.6 34.4 103.3

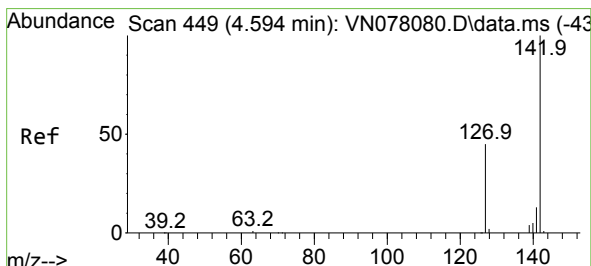
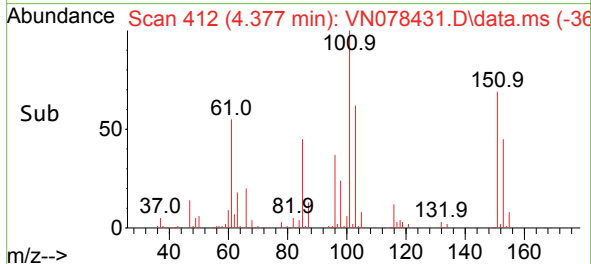
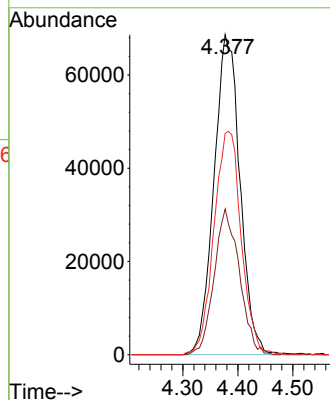
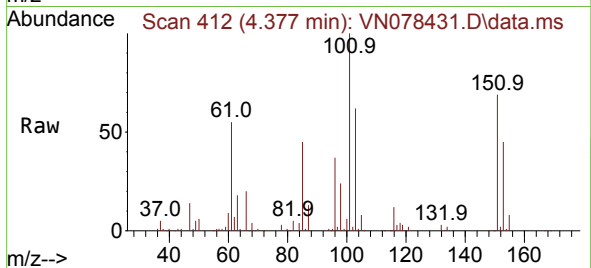




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.459 ug/l  
RT: 4.377 min Scan# 412  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

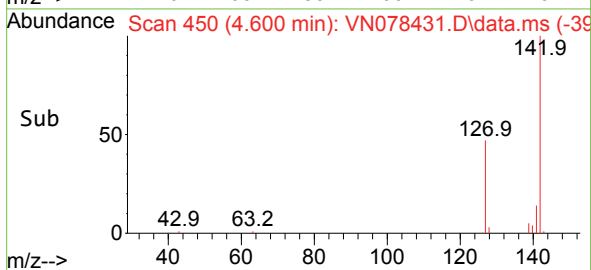
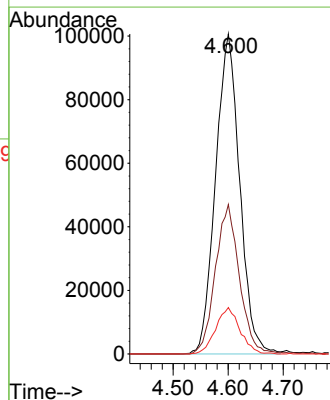
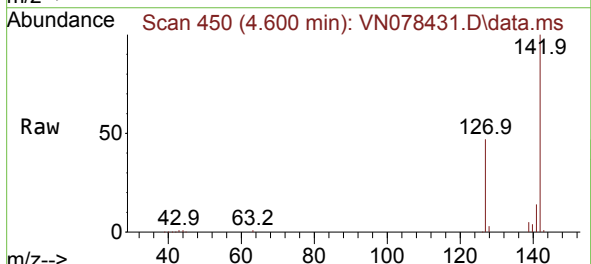
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ClientSampleId :  
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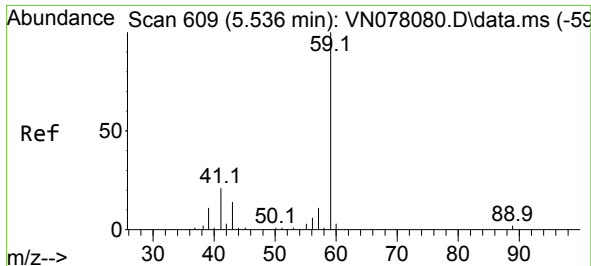
Tgt Ion:101 Resp: 225262  
Ion Ratio Lower Upper  
101 100  
85 44.3 36.6 55.0  
151 73.2 57.6 86.4



#10  
Methyl Iodide  
Concen: 46.656 ug/l  
RT: 4.600 min Scan# 450  
Delta R.T. 0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion:142 Resp: 306714  
Ion Ratio Lower Upper  
142 100  
127 46.7 37.6 56.4  
141 14.5 11.4 17.0

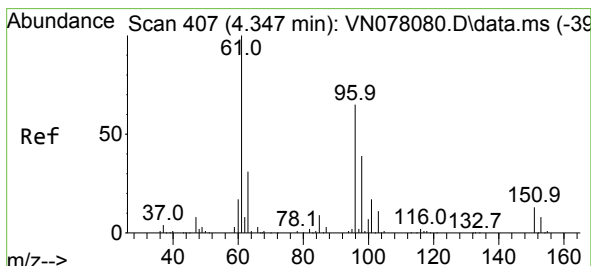
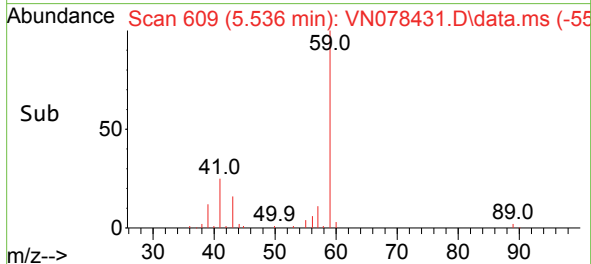
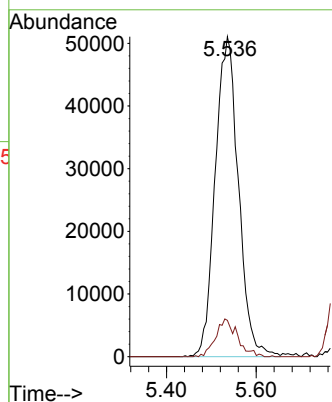
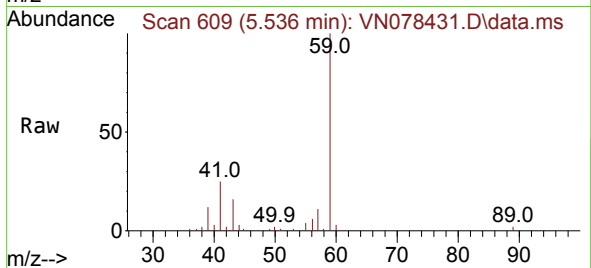




#11  
Tert butyl alcohol  
Concen: 227.299 ug/l  
RT: 5.536 min Scan# 609  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

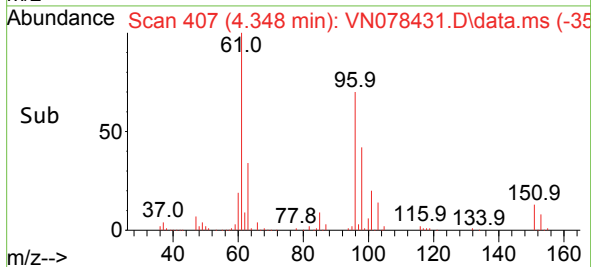
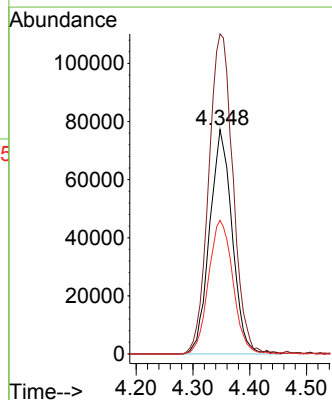
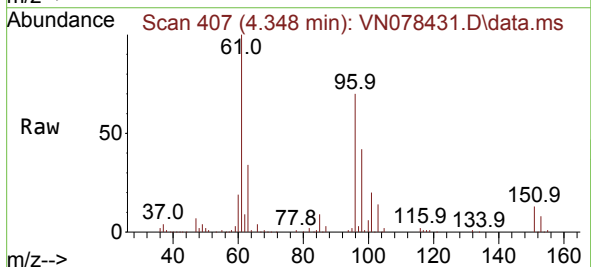
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

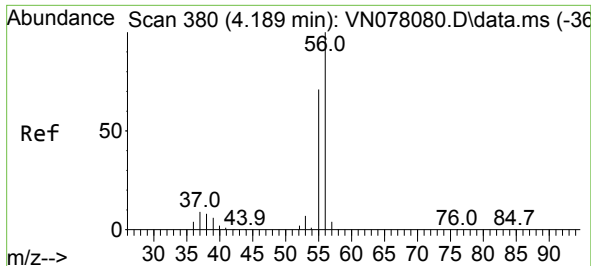
Tgt Ion: 59 Resp: 183626  
Ion Ratio Lower Upper  
59 100  
57 11.1 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 44.390 ug/l  
RT: 4.348 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 96 Resp: 212710  
Ion Ratio Lower Upper  
96 100  
61 142.7 112.7 169.1  
98 59.5 51.2 76.8

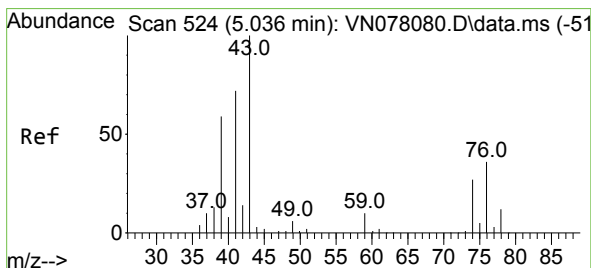
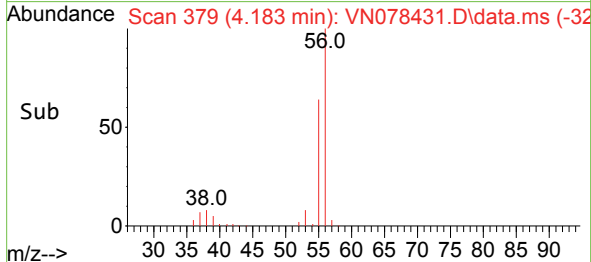
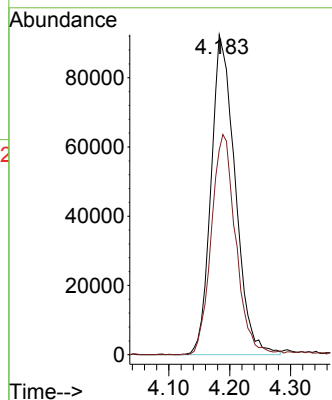
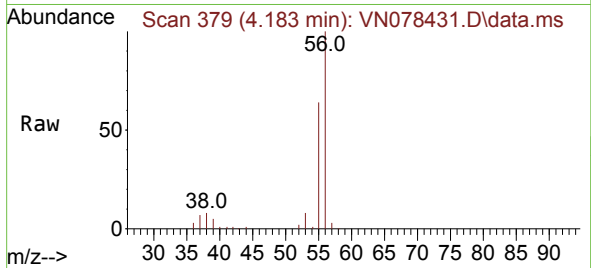




#13  
Acrolein  
Concen: 284.960 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

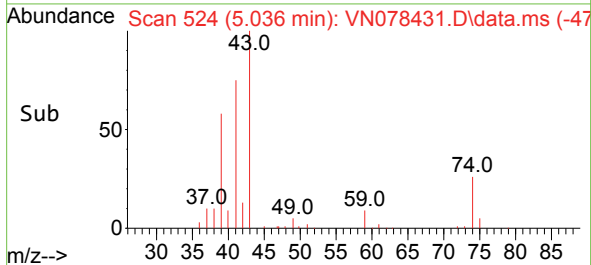
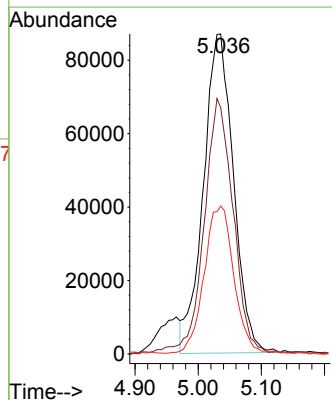
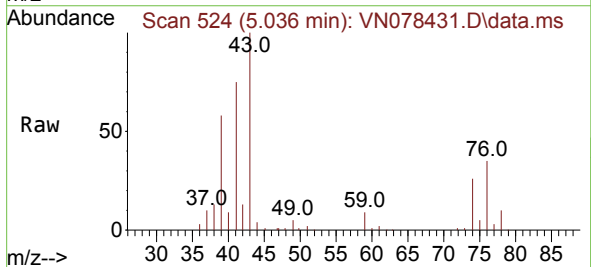
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

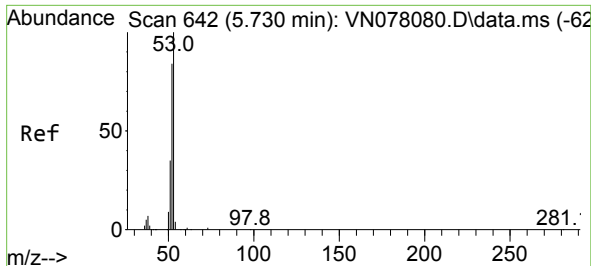
Tgt Ion: 56 Resp: 253719  
Ion Ratio Lower Upper  
56 100  
55 70.3 54.5 81.7



#14  
Allyl chloride  
Concen: 49.105 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 41 Resp: 287231  
Ion Ratio Lower Upper  
41 100  
39 76.9 58.8 88.2  
76 45.6 39.1 58.7

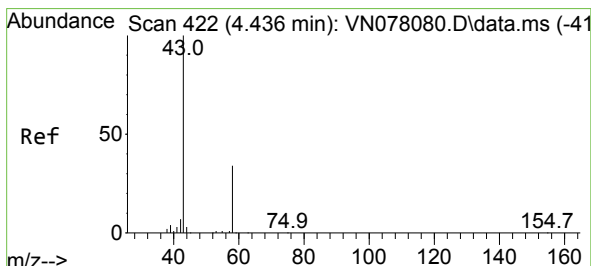
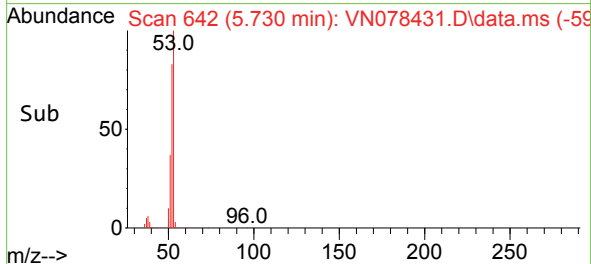
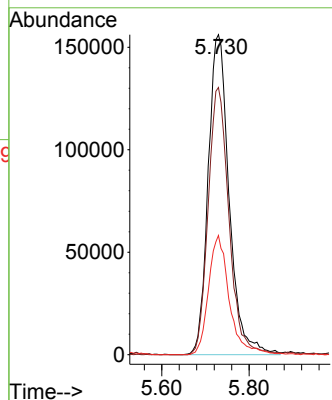
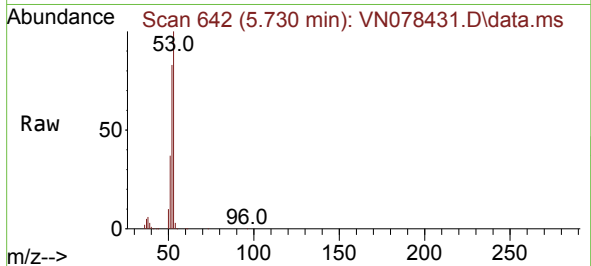




#15  
Acrylonitrile  
Concen: 249.848 ug/l  
RT: 5.730 min Scan# 642  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

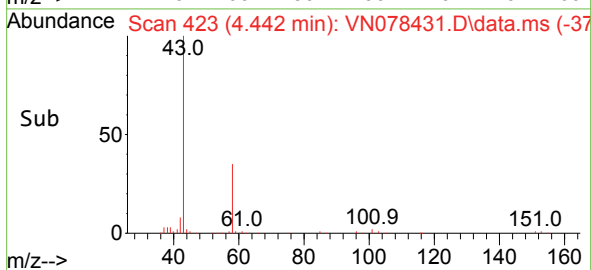
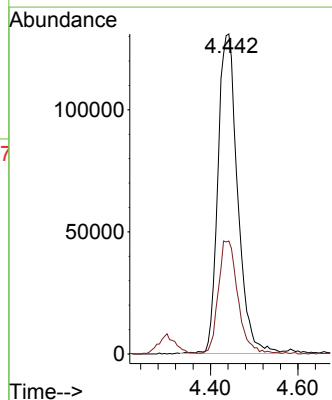
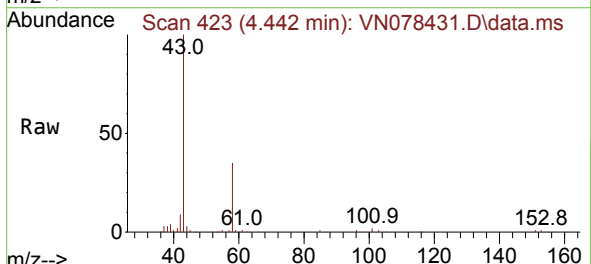
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

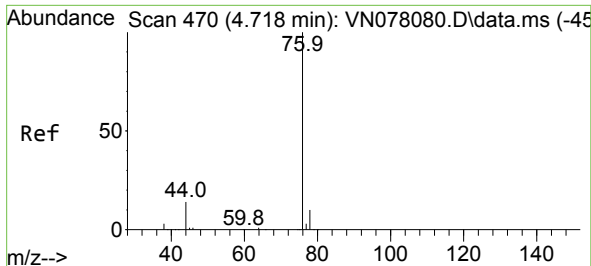
Tgt Ion: 53 Resp: 520380  
Ion Ratio Lower Upper  
53 100  
52 83.0 65.3 97.9  
51 37.0 28.9 43.3



#16  
Acetone  
Concen: 241.758 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. 0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 43 Resp: 407132  
Ion Ratio Lower Upper  
43 100  
58 35.1 28.0 42.0

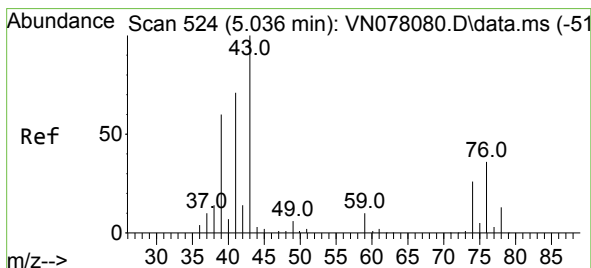
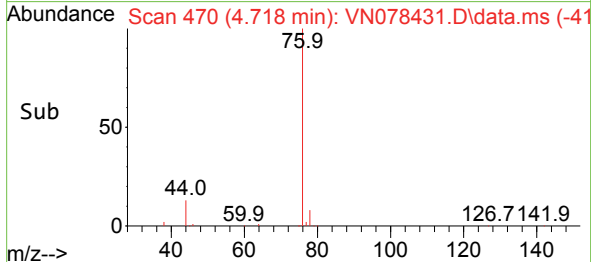
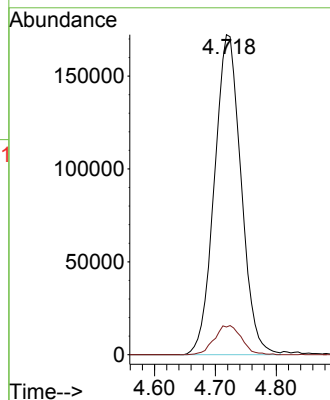
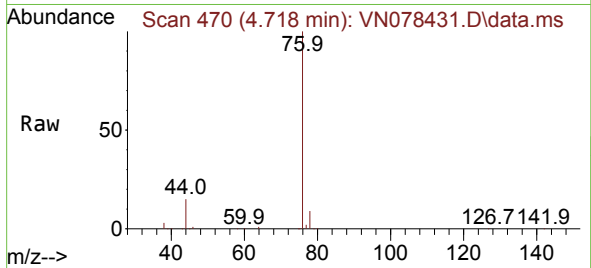




#17  
Carbon Disulfide  
Concen: 42.437 ug/l  
RT: 4.718 min Scan# 470  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

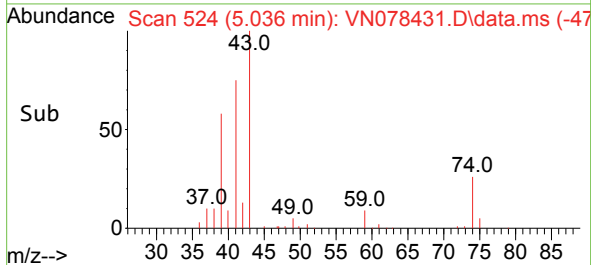
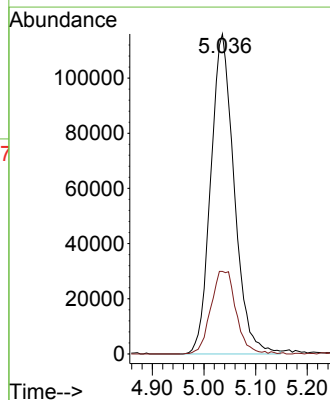
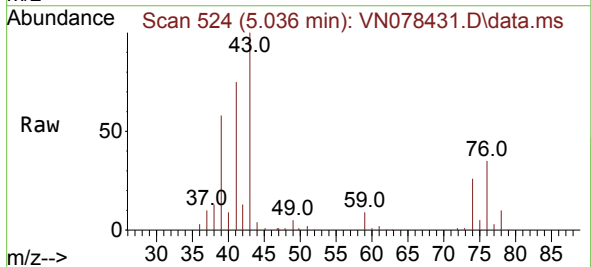
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

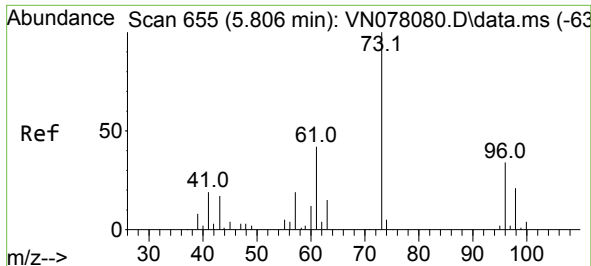
Tgt Ion: 76 Resp: 523413  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.4 11.0



#18  
Methyl Acetate  
Concen: 47.161 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 43 Resp: 365653  
Ion Ratio Lower Upper  
43 100  
74 27.7 26.2 39.4

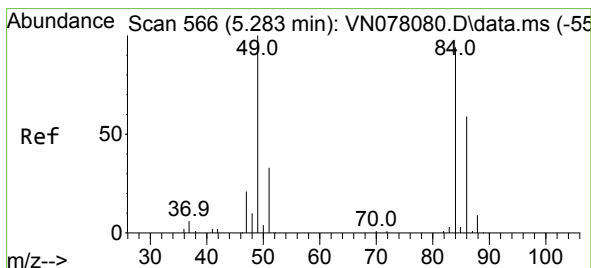
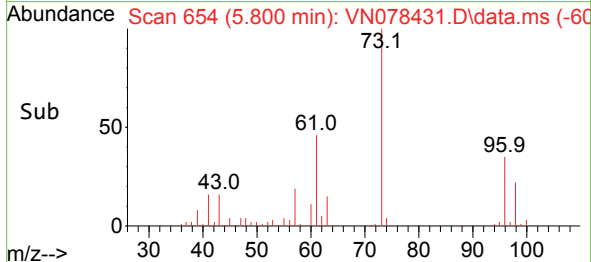
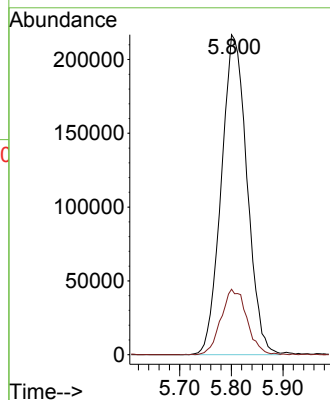
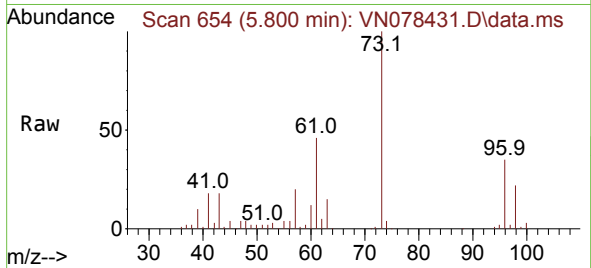




#19  
Methyl tert-butyl Ether  
Concen: 48.969 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

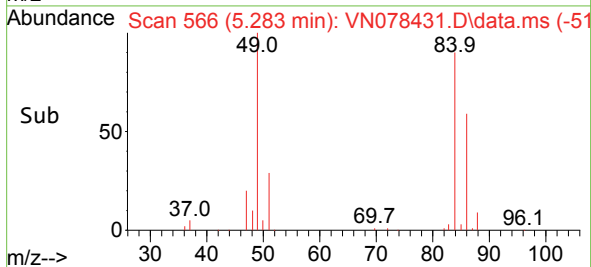
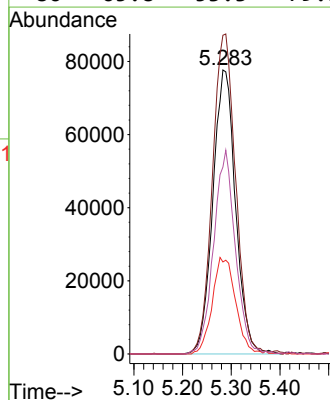
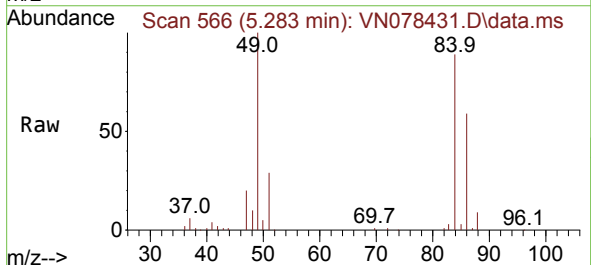
Instrument :  
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ClientSampleId :  
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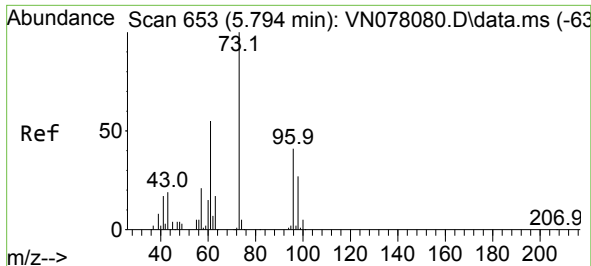
Tgt Ion: 73 Resp: 748665  
Ion Ratio Lower Upper  
73 100  
57 20.5 15.6 23.4



#20  
Methylene Chloride  
Concen: 45.161 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 84 Resp: 251319  
Ion Ratio Lower Upper  
84 100  
49 112.2 79.7 119.5  
51 32.4 25.2 37.8  
86 65.8 53.3 79.9

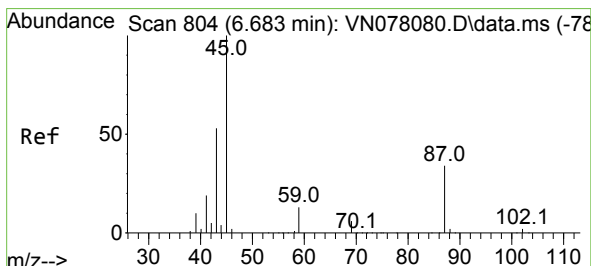
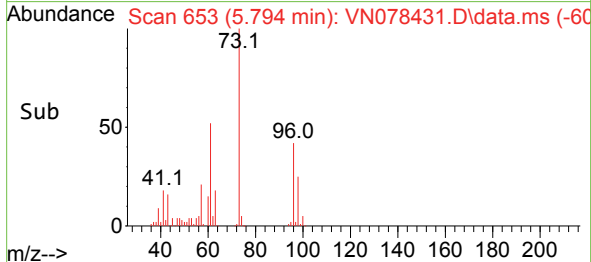
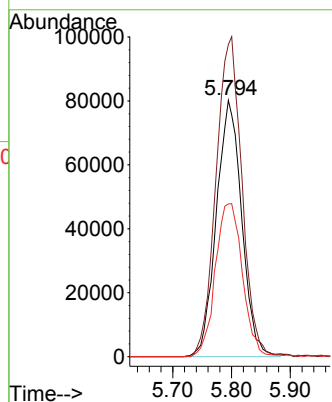
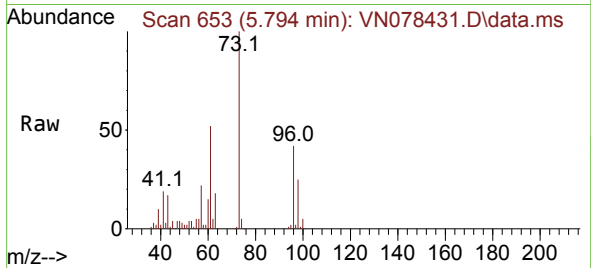




#21  
trans-1,2-Dichloroethene  
Concen: 46.466 ug/l  
RT: 5.794 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

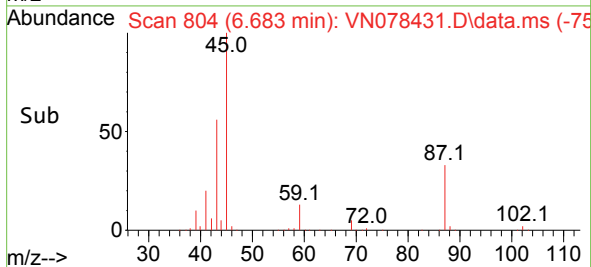
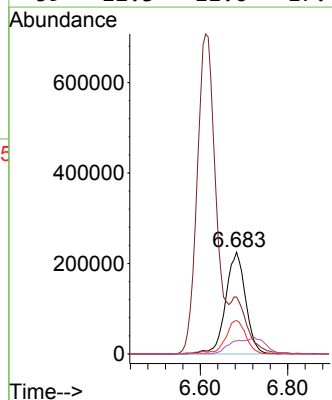
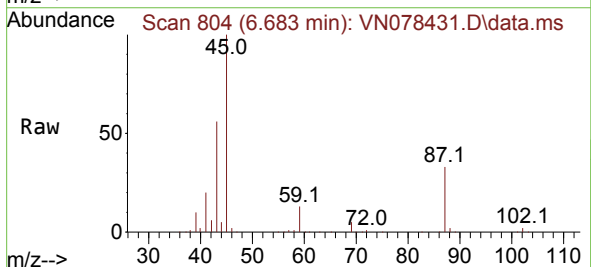
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ClientSampleId :  
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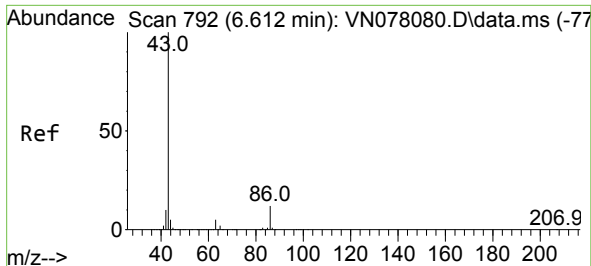
Tgt Ion: 96 Resp: 240147  
Ion Ratio Lower Upper  
96 100  
61 121.8 90.1 135.1  
98 59.6 46.4 69.6



#22  
Diisopropyl ether  
Concen: 51.532 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 45 Resp: 709040  
Ion Ratio Lower Upper  
45 100  
43 55.0 45.5 68.3  
87 32.6 31.8 47.8  
59 12.3 11.6 17.4

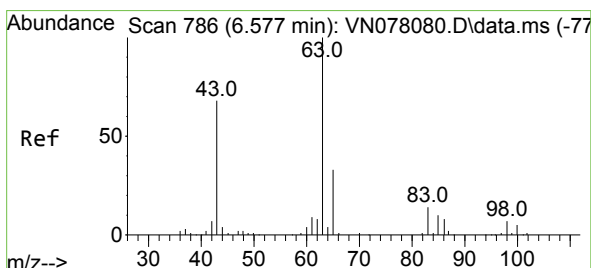
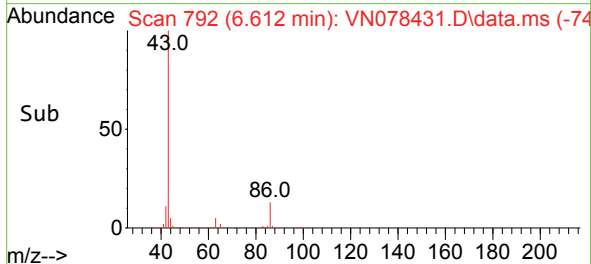
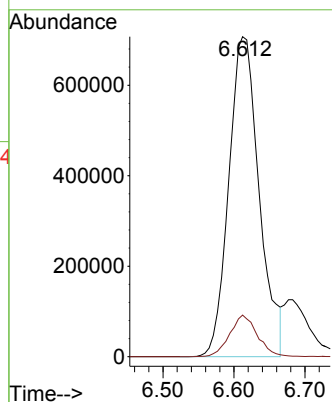
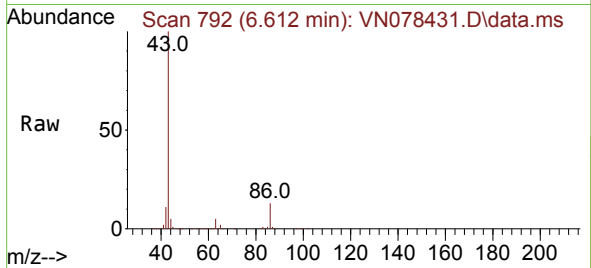




#23  
 Vinyl Acetate  
 Concen: 257.380 ug/l  
 RT: 6.612 min Scan# 792  
 Delta R.T. 0.000 min  
 Lab File: VN078431.D  
 Acq: 28 Jun 2023 10:41

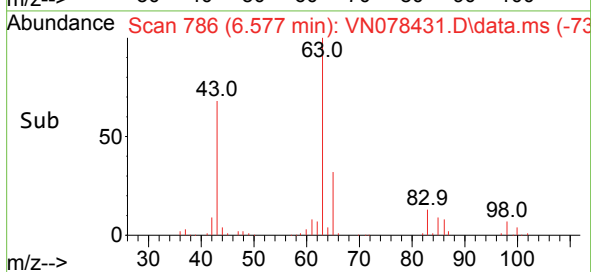
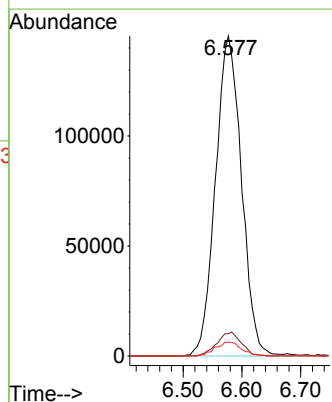
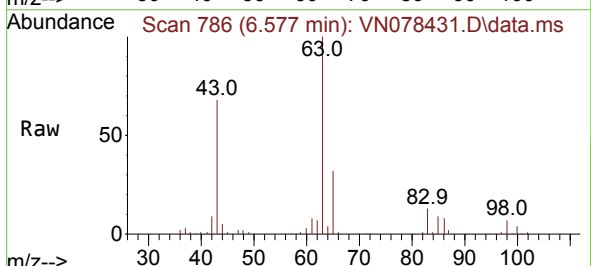
Instrument :  
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 ClientSampleId :  
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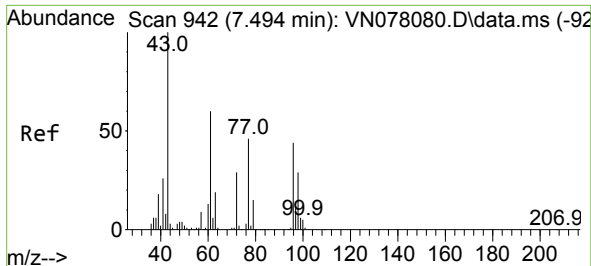
Tgt Ion: 43 Resp: 2105110  
 Ion Ratio Lower Upper  
 43 100  
 86 13.0 13.0 19.6#



#24  
 1,1-Dichloroethane  
 Concen: 49.197 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. 0.000 min  
 Lab File: VN078431.D  
 Acq: 28 Jun 2023 10:41

Tgt Ion: 63 Resp: 446541  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.9 11.7  
 100 4.4 2.5 7.4

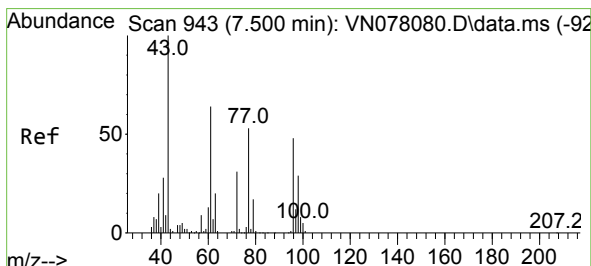
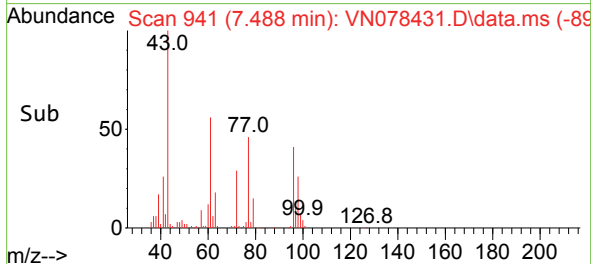
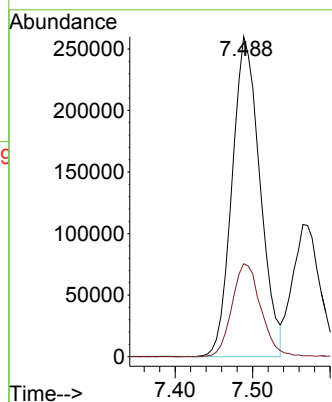
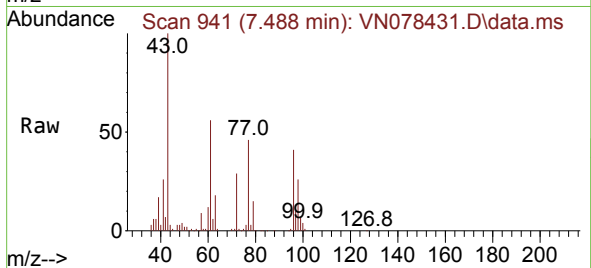




#25  
2-Butanone  
Concen: 252.094 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

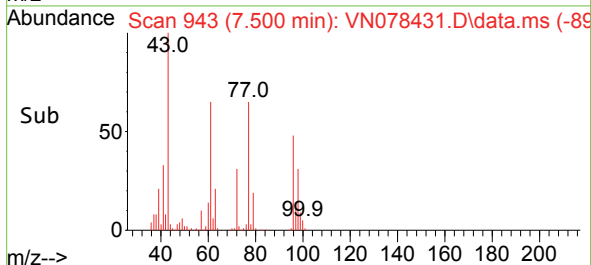
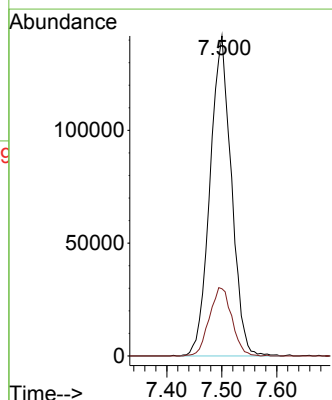
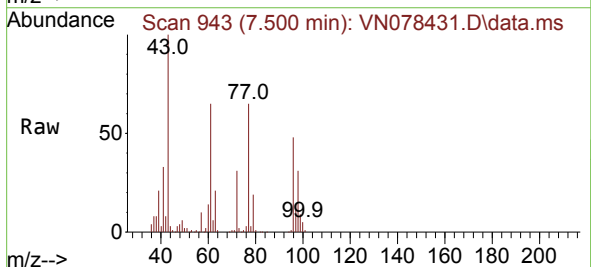
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

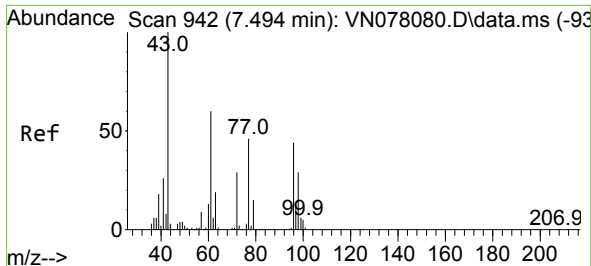
Tgt Ion: 43 Resp: 652848  
Ion Ratio Lower Upper  
43 100  
72 29.0 30.2 45.2#



#26  
2,2-Dichloropropane  
Concen: 57.221 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 77 Resp: 383488  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 46.182 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

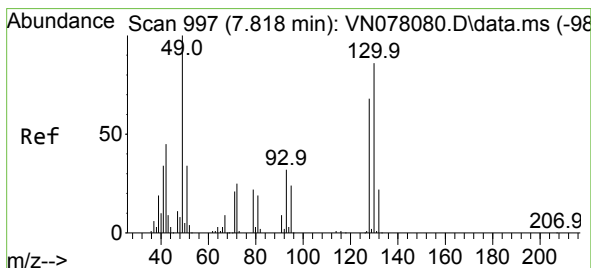
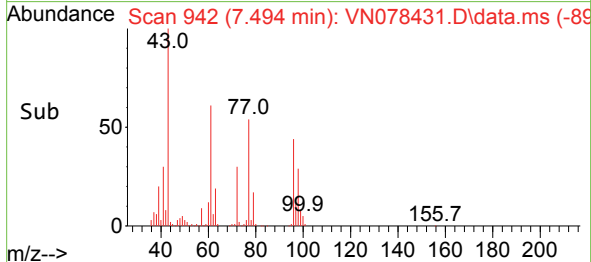
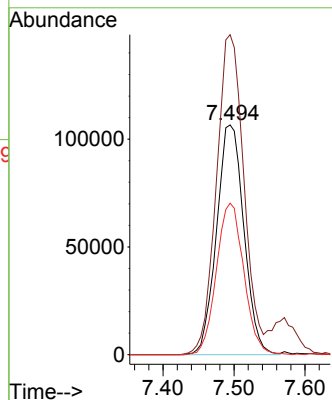
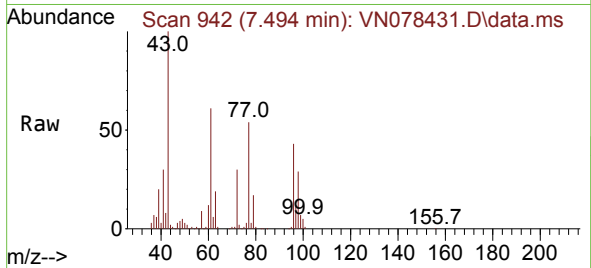
Tgt Ion: 96 Resp: 284701

Ion Ratio Lower Upper

96 100

61 139.7 0.0 255.2

98 66.1 0.0 128.8



#28

Bromochloromethane

Concen: 48.706 ug/l

RT: 7.818 min Scan# 997

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

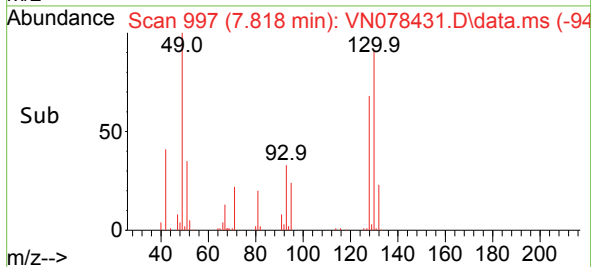
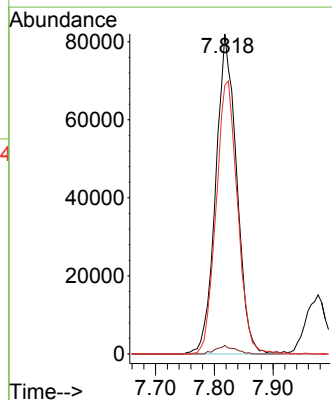
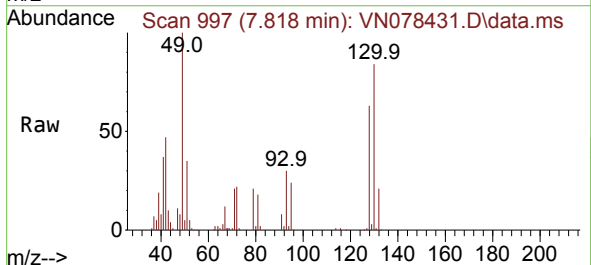
Tgt Ion: 49 Resp: 202978

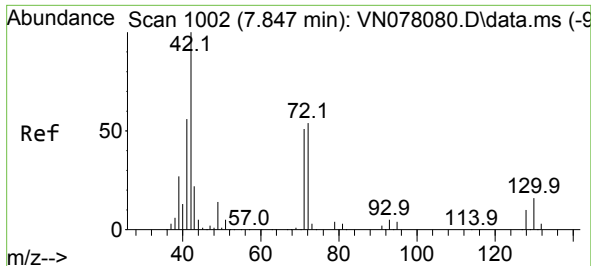
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

130 87.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 243.929 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

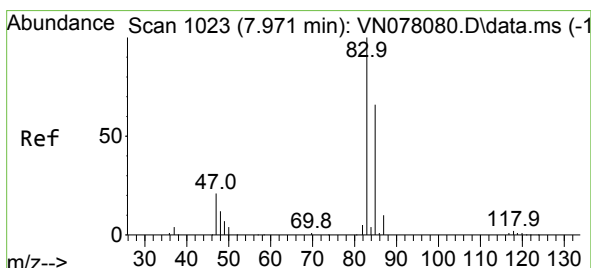
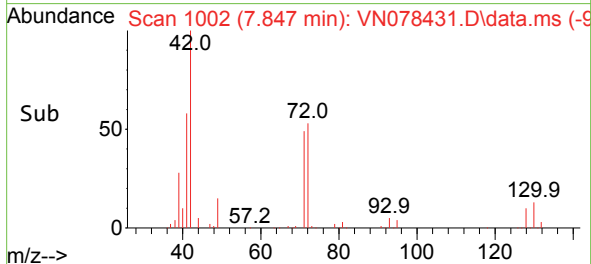
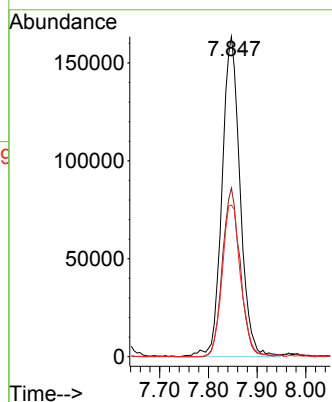
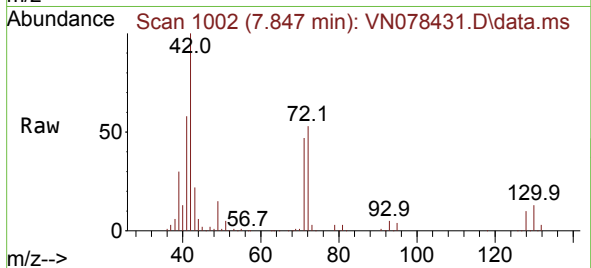
Tgt Ion: 42 Resp: 422297

Ion Ratio Lower Upper

42 100

72 51.4 49.8 74.6

71 49.0 47.4 71.2



#30

Chloroform

Concen: 49.969 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078431.D

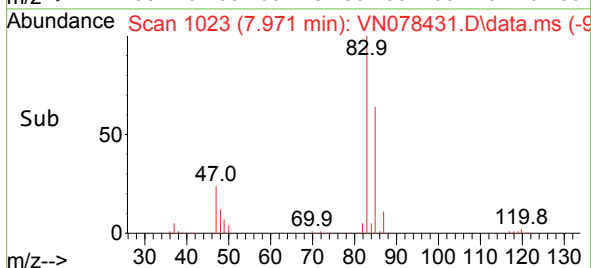
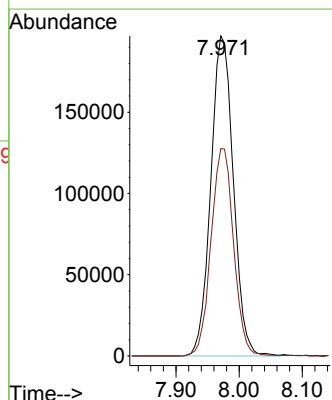
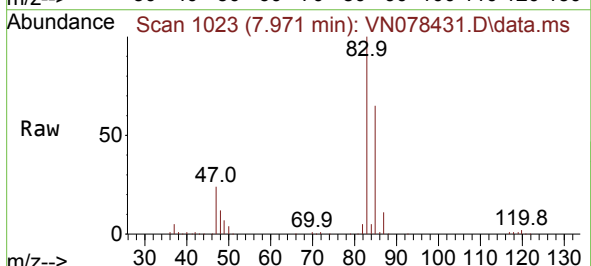
Acq: 28 Jun 2023 10:41

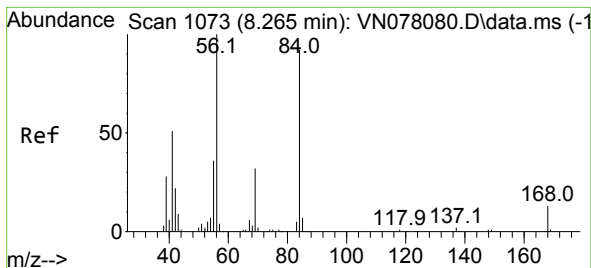
Tgt Ion: 83 Resp: 488387

Ion Ratio Lower Upper

83 100

85 64.8 55.4 83.0

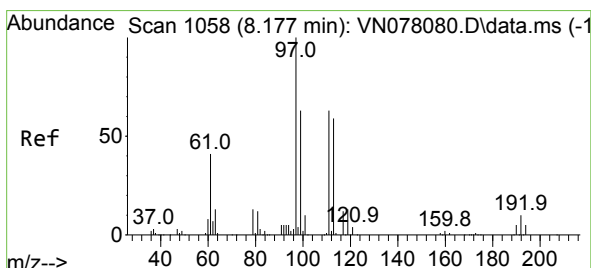
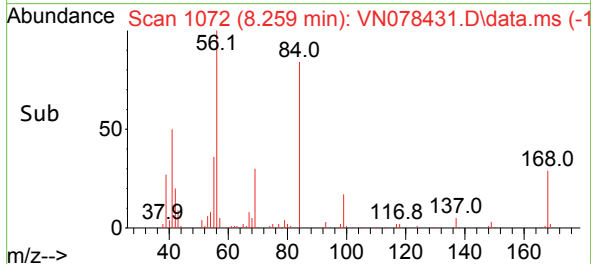
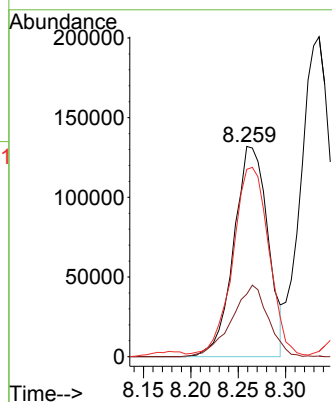
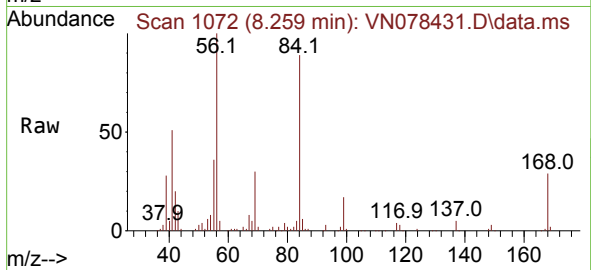




#31  
Cyclohexane  
Concen: 44.125 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

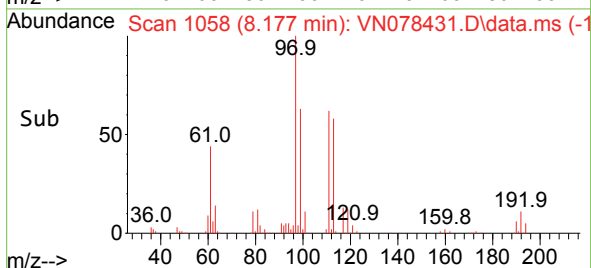
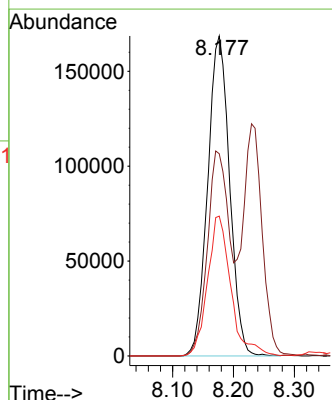
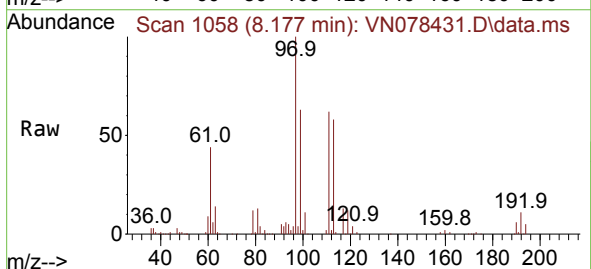
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

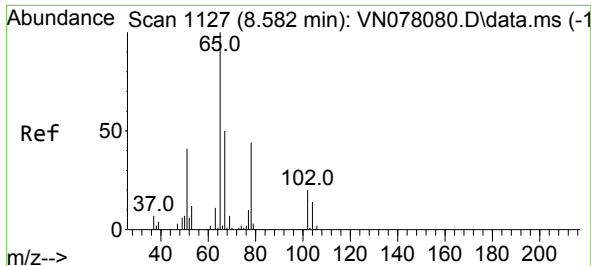
Tgt Ion: 56 Resp: 331166  
Ion Ratio Lower Upper  
56 100  
69 29.7 26.8 40.2  
84 86.8 81.8 122.6



#32  
1,1,1-Trichloroethane  
Concen: 49.122 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 97 Resp: 421500  
Ion Ratio Lower Upper  
97 100  
99 62.7 50.3 75.5  
61 46.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.292 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

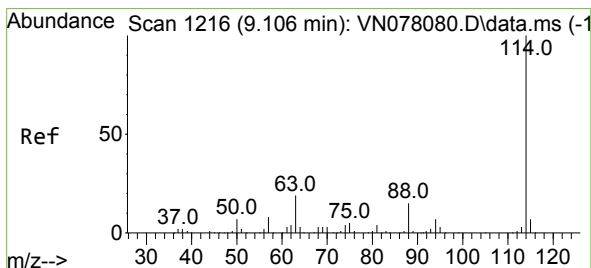
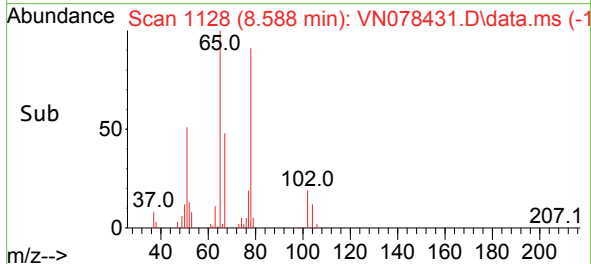
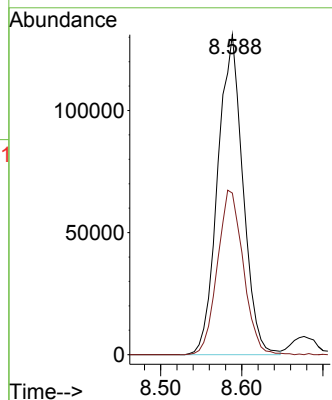
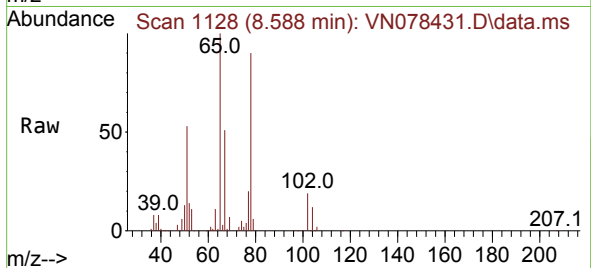
VSTDCCC050

Tgt Ion: 65 Resp: 282539

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

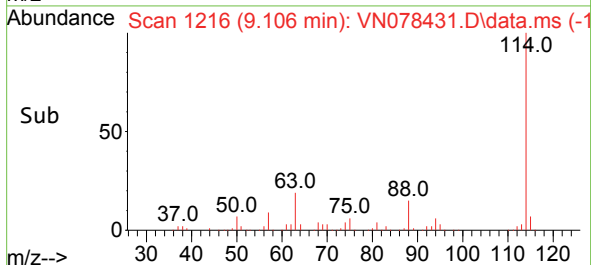
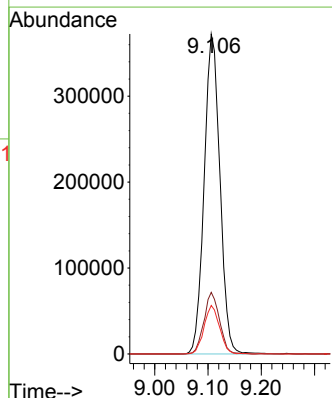
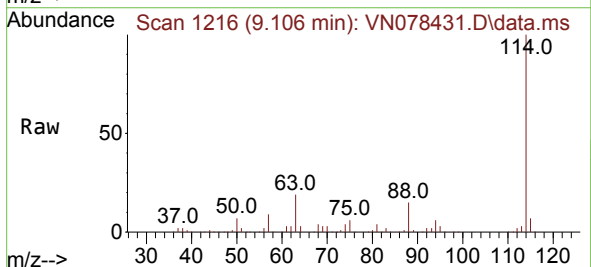
Tgt Ion: 114 Resp: 765397

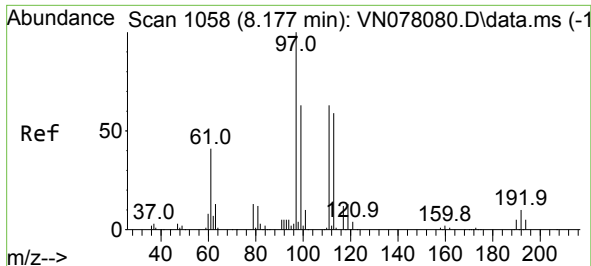
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.094 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

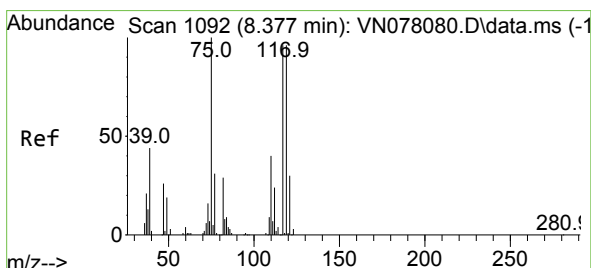
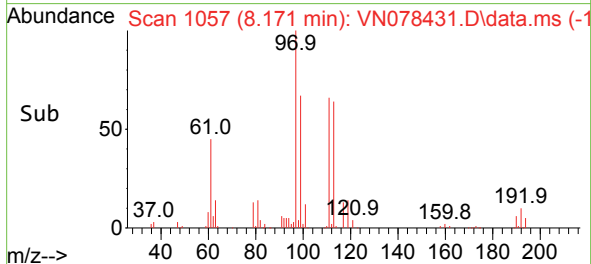
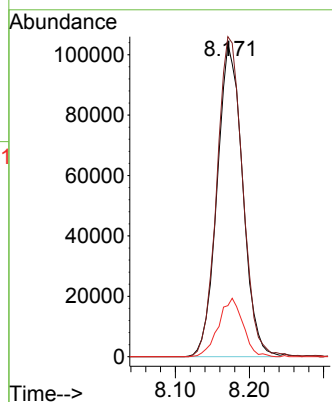
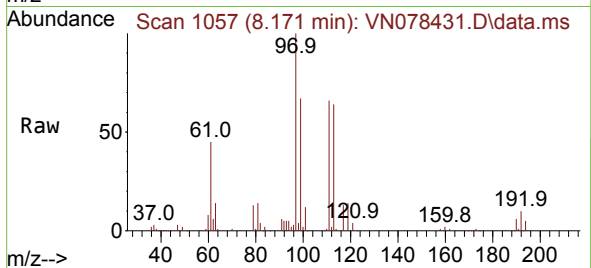
Tgt Ion:113 Resp: 247272

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 17.9 12.7 19.1



#36

1,1-Dichloropropene

Concen: 49.492 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

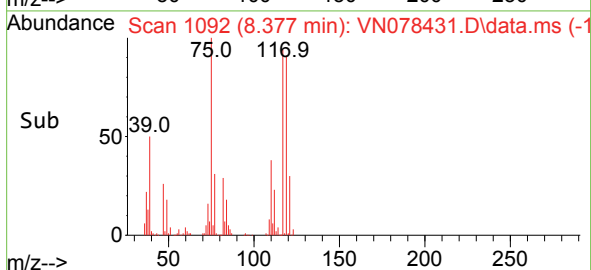
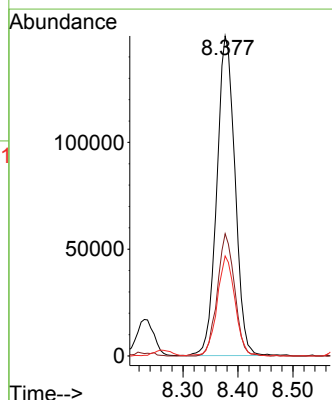
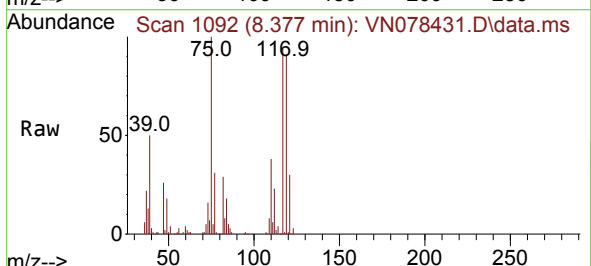
Tgt Ion: 75 Resp: 343555

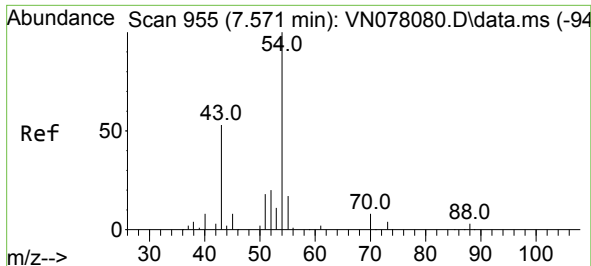
Ion Ratio Lower Upper

75 100

110 36.5 19.1 57.3

77 31.0 25.0 37.4

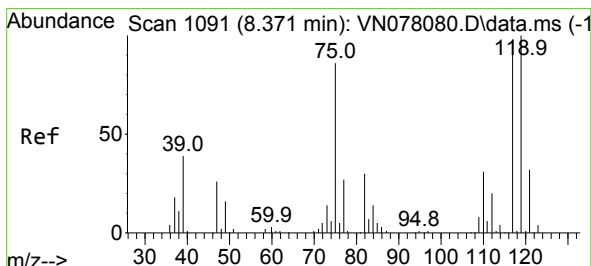
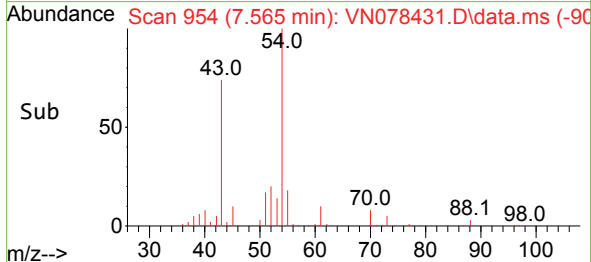
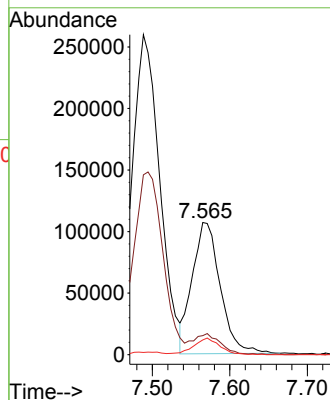
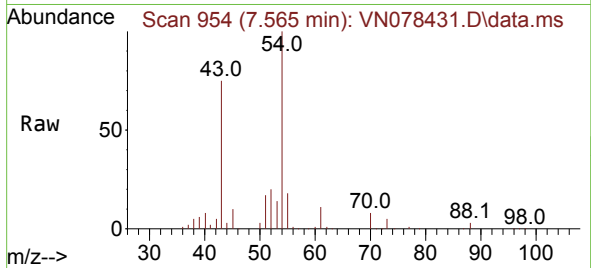




#37  
Ethyl Acetate  
Concen: 49.436 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

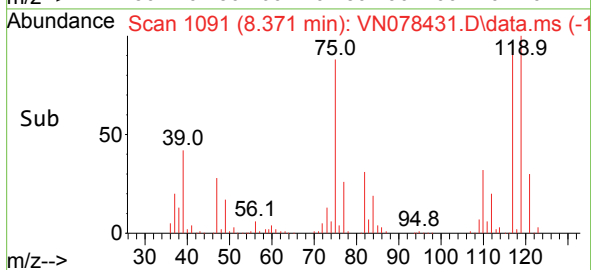
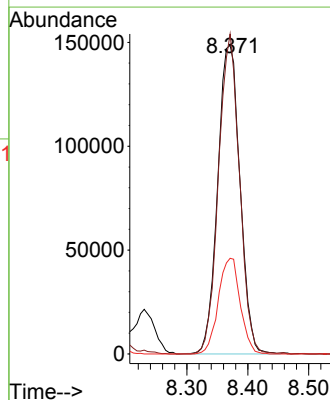
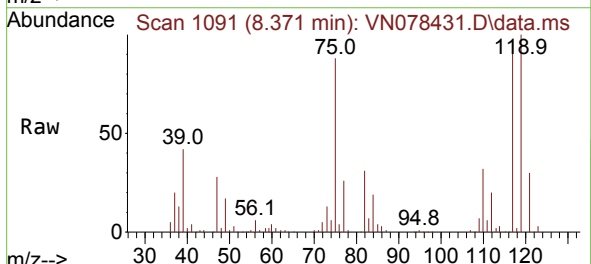
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

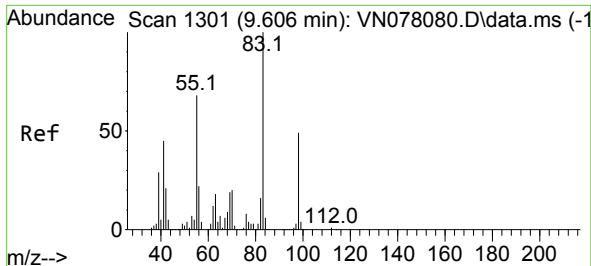
Tgt Ion: 43 Resp: 268086  
Ion Ratio Lower Upper  
43 100  
61 12.8 13.2 19.8#  
70 11.9 11.3 16.9



#38  
Carbon Tetrachloride  
Concen: 51.656 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 117 Resp: 378628  
Ion Ratio Lower Upper  
117 100  
119 103.7 77.3 115.9  
121 31.0 23.3 34.9





#39

Methylcyclohexane

Concen: 42.914 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

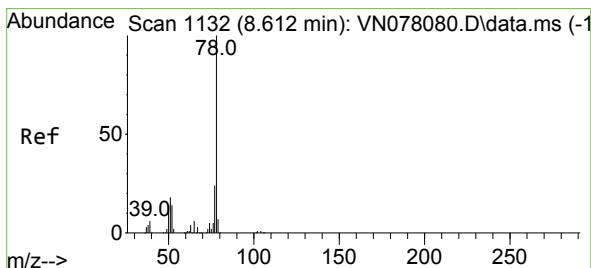
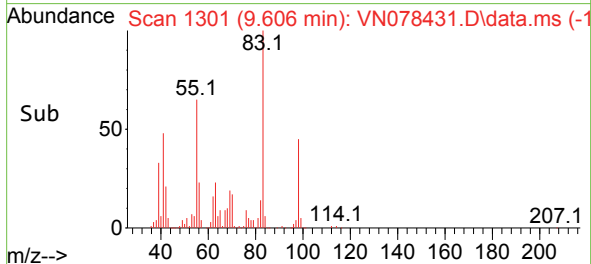
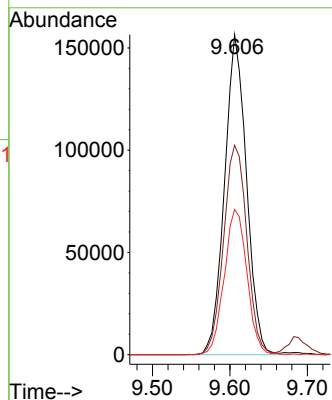
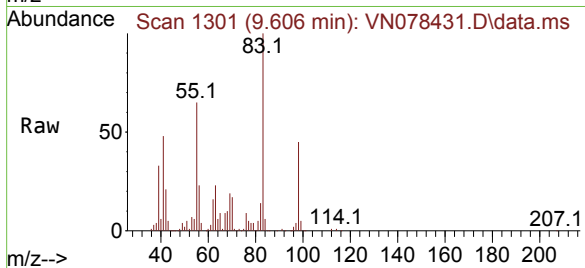
Tgt Ion: 83 Resp: 308722

Ion Ratio Lower Upper

83 100

55 65.4 49.1 73.7

98 45.4 40.6 61.0



#40

Benzene

Concen: 50.808 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078431.D

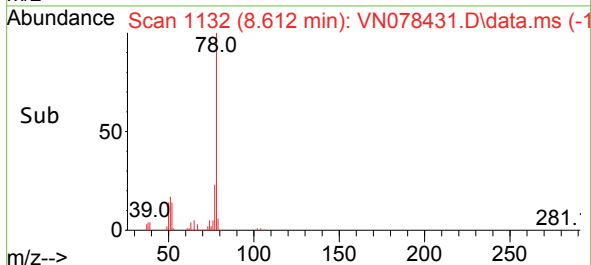
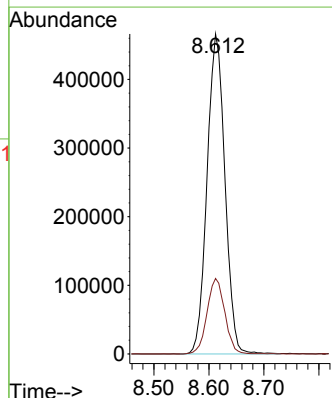
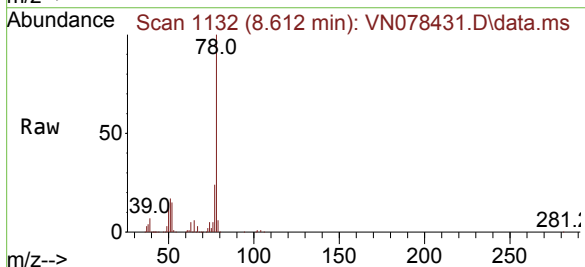
Acq: 28 Jun 2023 10:41

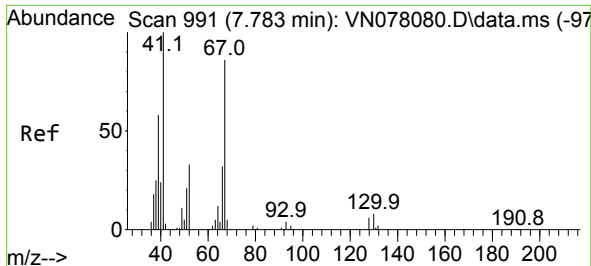
Tgt Ion: 78 Resp: 1052950

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6



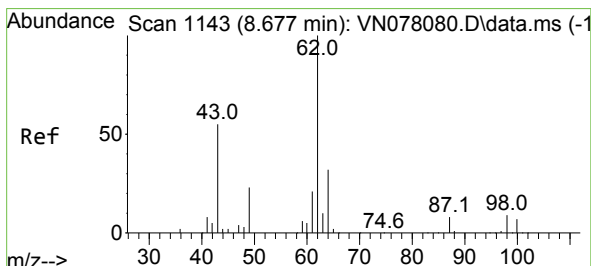
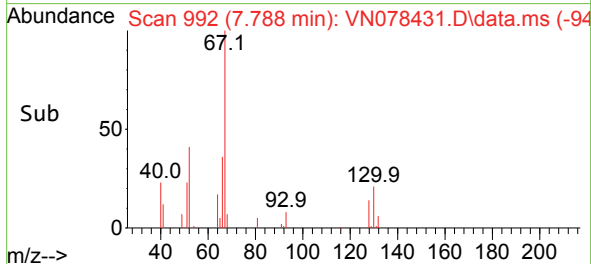
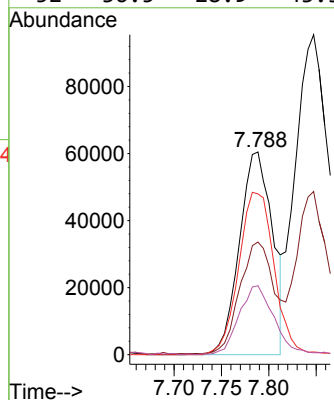
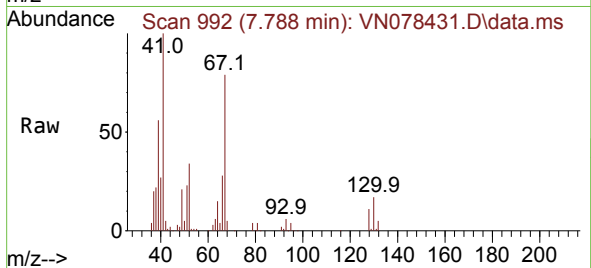


#41  
Methacrylonitrile  
Concen: 50.149 ug/l  
RT: 7.788 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 147405

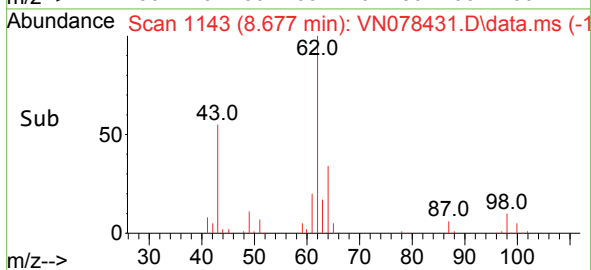
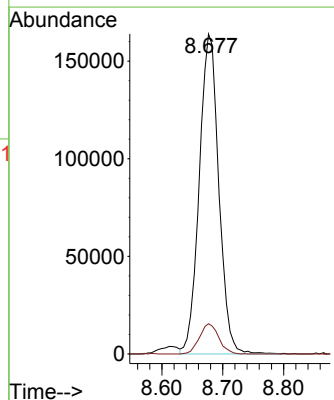
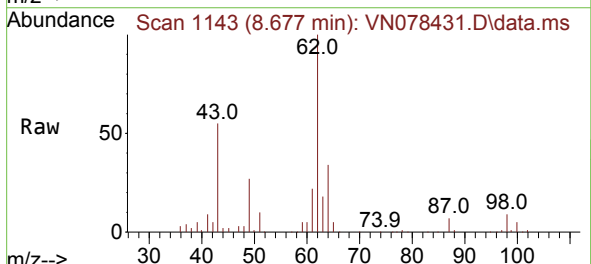
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 59.3  | 42.6  | 64.0  |
| 67  | 85.7  | 77.5  | 116.3 |
| 52  | 36.5  | 28.9  | 43.3  |

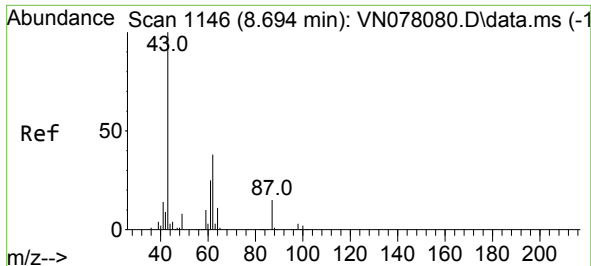


#42  
1,2-Dichloroethane  
Concen: 51.454 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 62 Resp: 365611

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.3   | 0.0   | 19.8  |

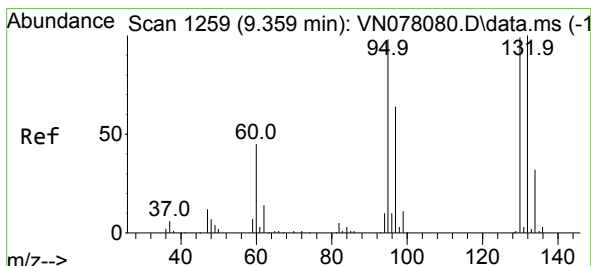
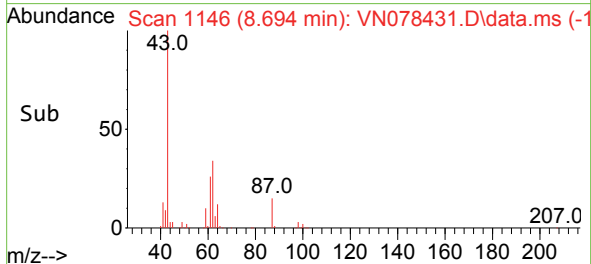
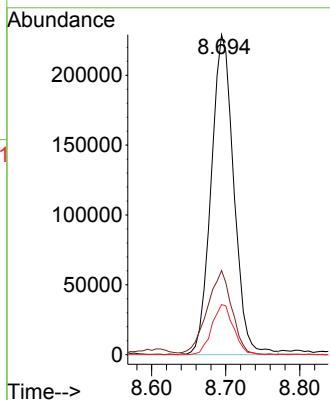
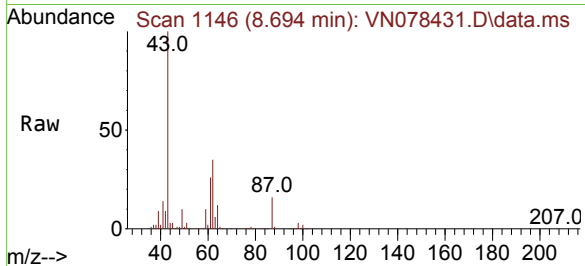




#43  
Isopropyl Acetate  
Concen: 46.920 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

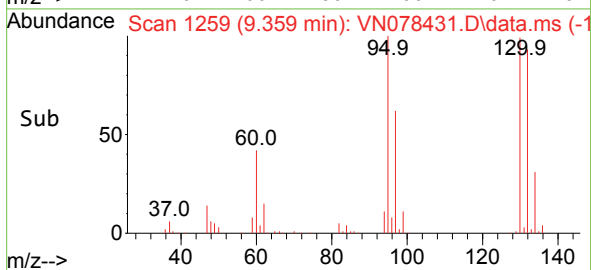
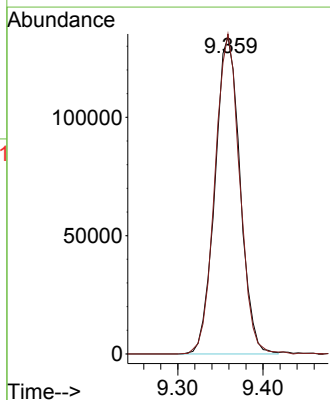
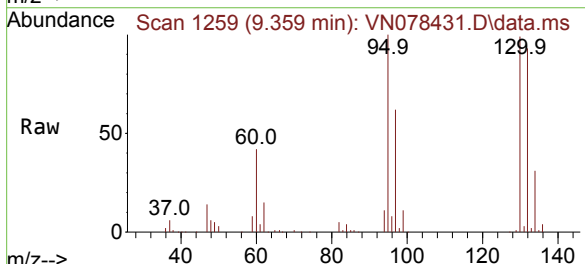
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

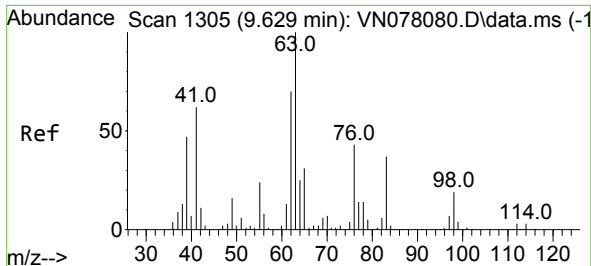
Tgt Ion: 43 Resp: 486601  
Ion Ratio Lower Upper  
43 100  
61 28.6 24.7 37.1  
87 15.0 14.6 21.8



#44  
Trichloroethene  
Concen: 50.126 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 130 Resp: 274339  
Ion Ratio Lower Upper  
130 100  
95 101.0 0.0 204.6

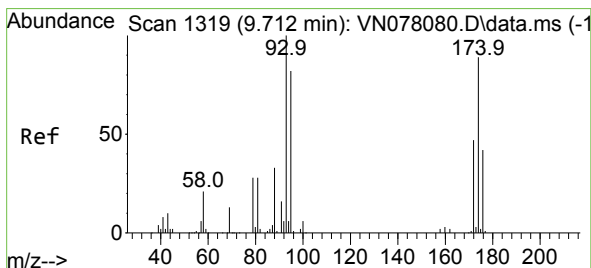
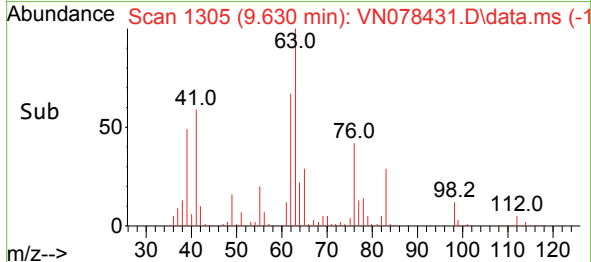
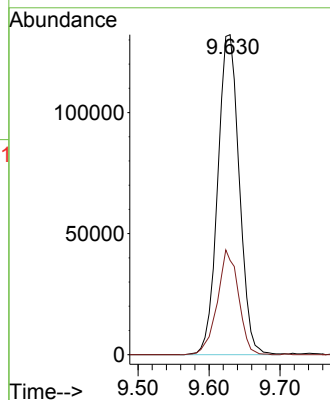
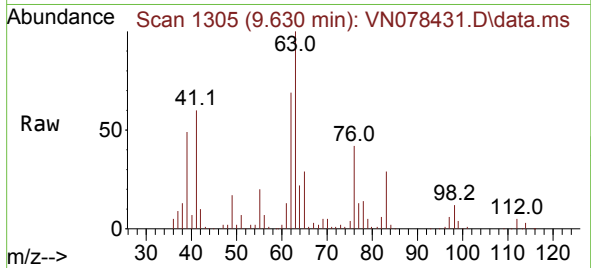




#45  
1,2-Dichloropropane  
Concen: 53.833 ug/l  
RT: 9.630 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

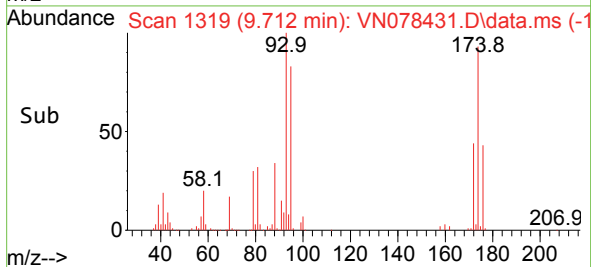
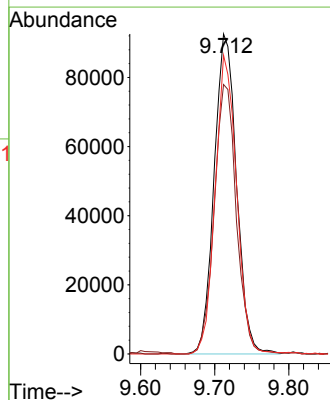
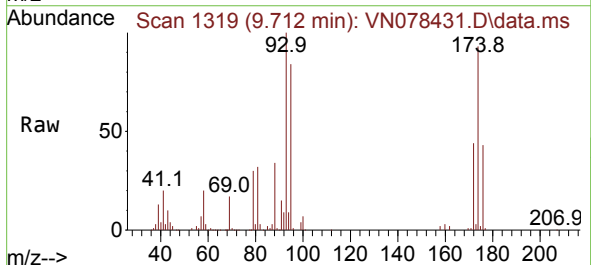
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

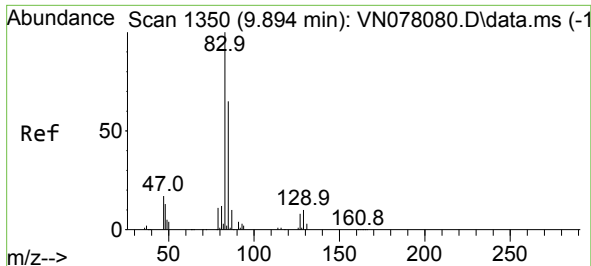
Tgt Ion: 63 Resp: 277572  
Ion Ratio Lower Upper  
63 100  
65 29.5 23.9 35.9



#46  
Dibromomethane  
Concen: 51.159 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 93 Resp: 194294  
Ion Ratio Lower Upper  
93 100  
95 83.1 63.8 95.8  
174 89.5 65.6 98.4

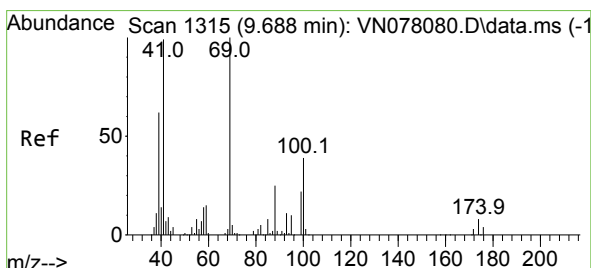
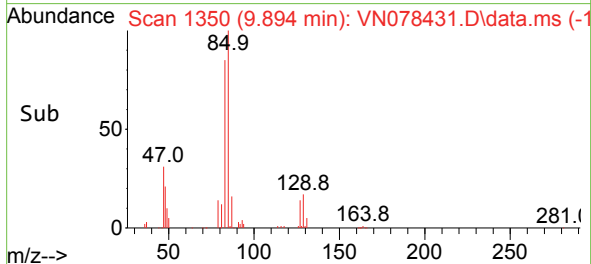
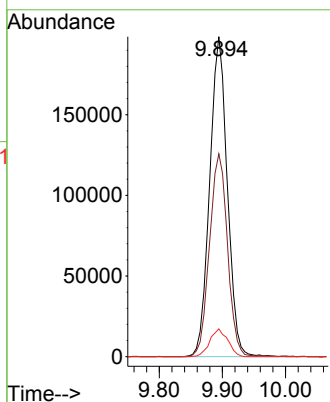
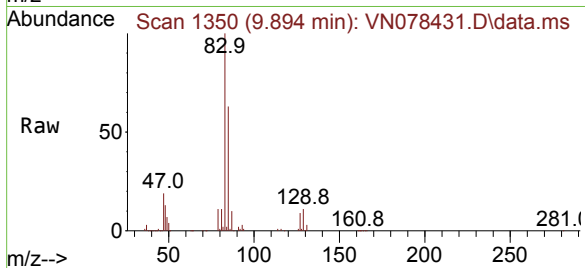




#47  
Bromodichloromethane  
Concen: 54.503 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

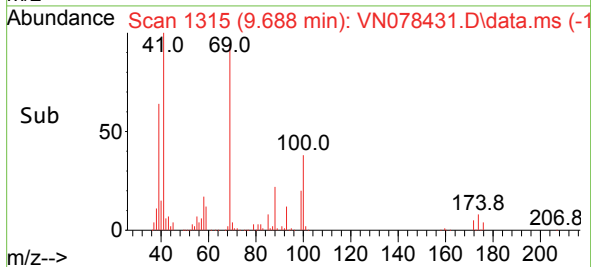
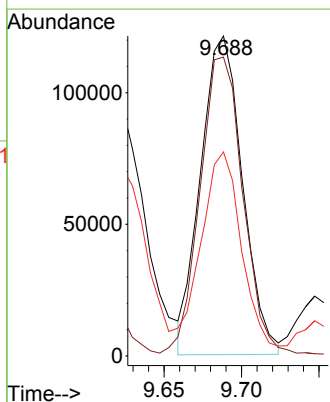
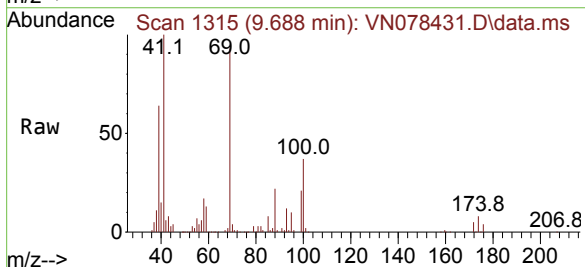
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

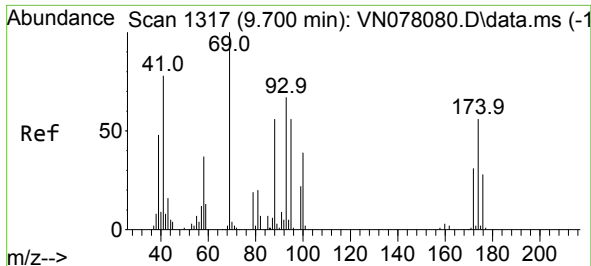
Tgt Ion: 83 Resp: 384494  
Ion Ratio Lower Upper  
83 100  
85 63.4 49.6 74.4  
127 8.7 7.0 10.6



#48  
Methyl methacrylate  
Concen: 52.220 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 41 Resp: 227276  
Ion Ratio Lower Upper  
41 100  
69 97.9 90.4 135.6  
39 63.8 54.6 81.8





#49

1,4-Dioxane

Concen: 976.950 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

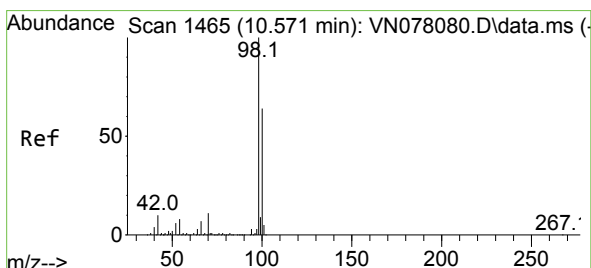
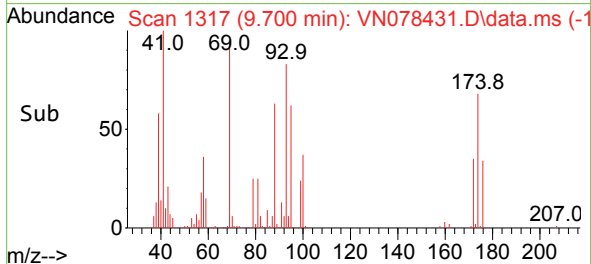
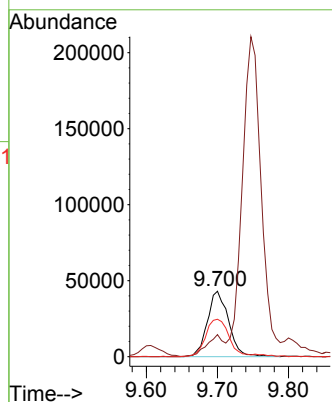
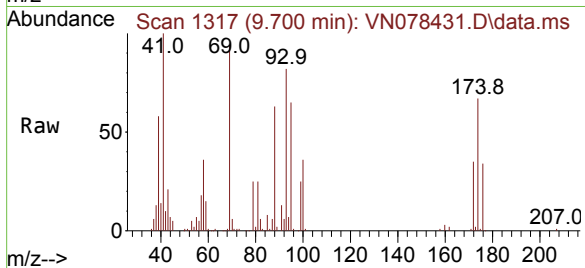
Tgt Ion: 88 Resp: 89366

Ion Ratio Lower Upper

88 100

43 26.6 17.0 25.6#

58 65.8 47.0 70.4



#50

Toluene-d8

Concen: 47.889 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078431.D

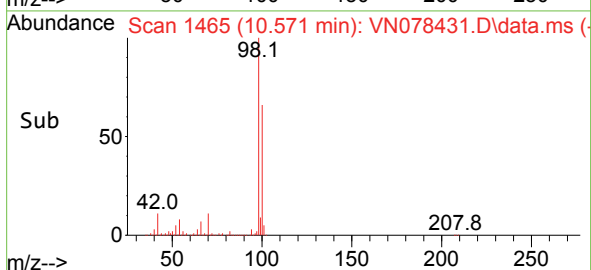
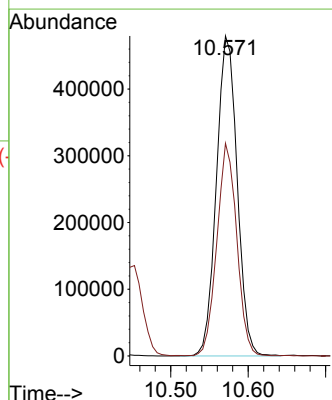
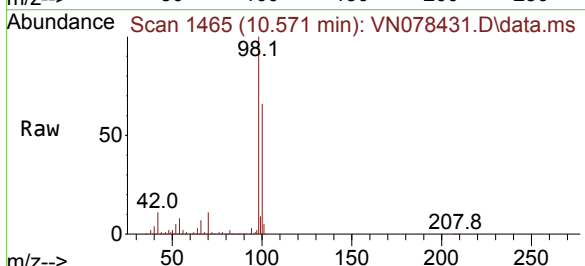
Acq: 28 Jun 2023 10:41

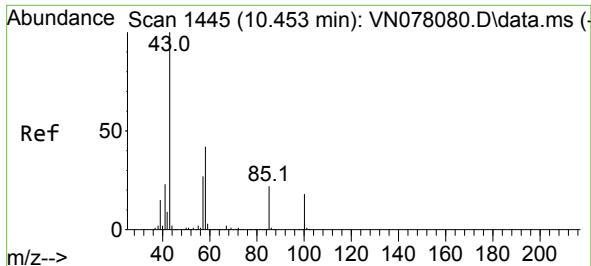
Tgt Ion: 98 Resp: 893448

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0

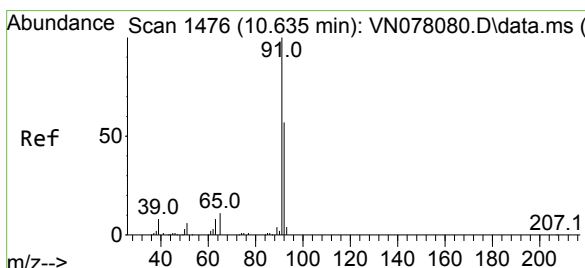
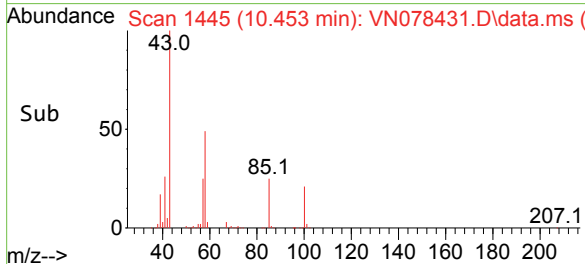
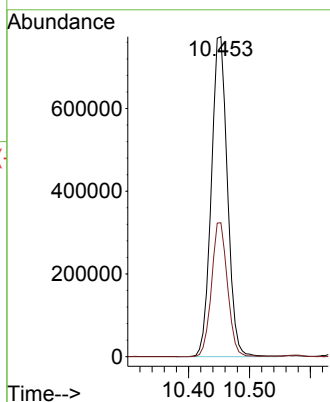
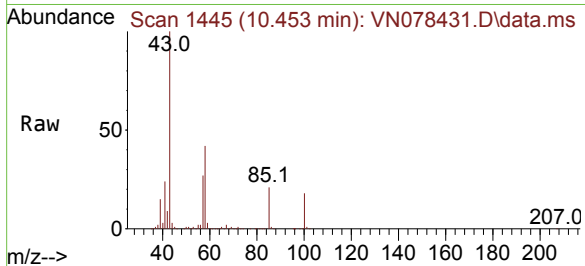




#51  
4-Methyl-2-Pentanone  
Concen: 259.846 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

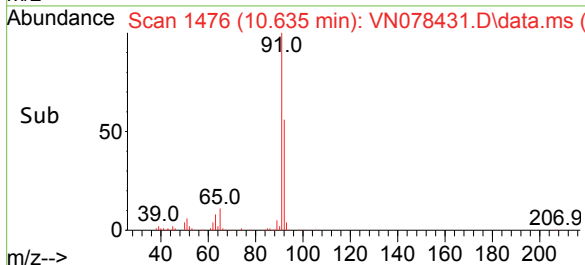
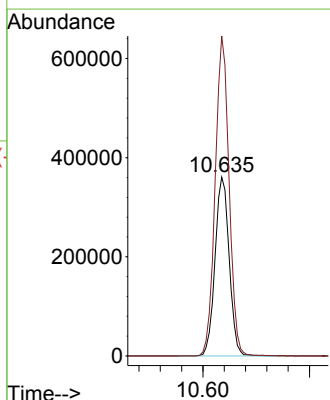
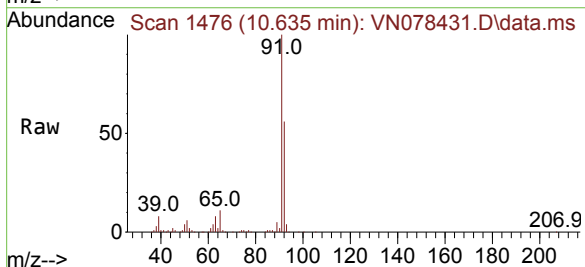
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

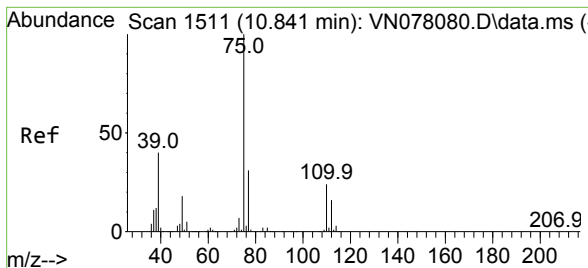
Tgt Ion: 43 Resp: 1419079  
Ion Ratio Lower Upper  
43 100  
58 41.5 36.6 54.8



#52  
Toluene  
Concen: 50.683 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 92 Resp: 663162  
Ion Ratio Lower Upper  
92 100  
91 176.0 137.4 206.0

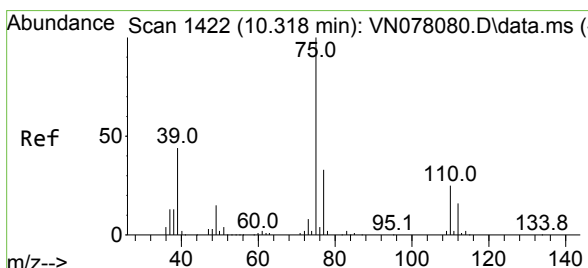
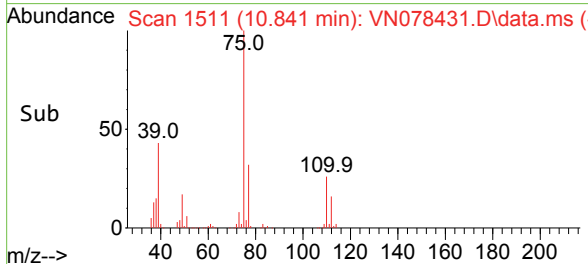
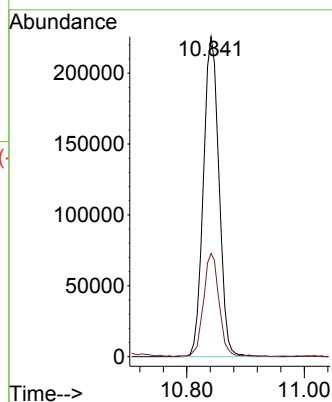
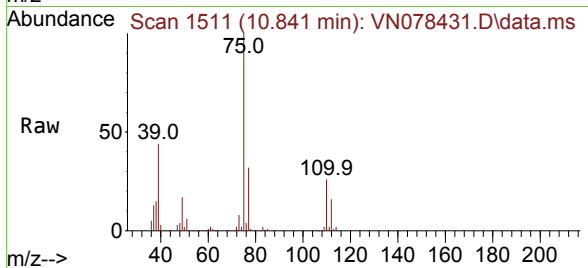




#53  
t-1,3-Dichloropropene  
Concen: 56.695 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

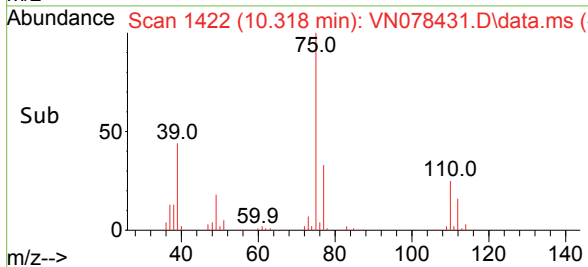
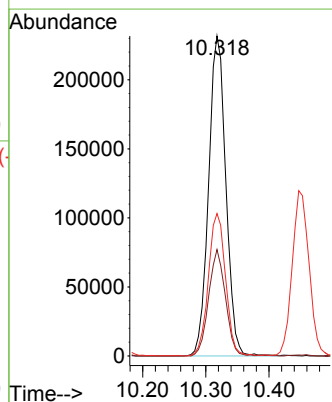
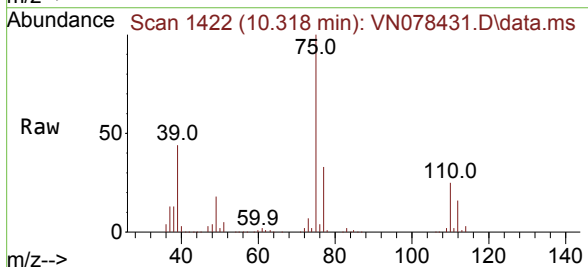
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

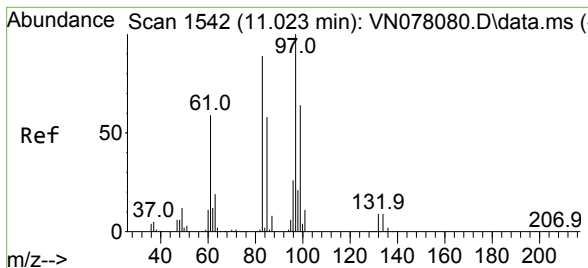
Tgt Ion: 75 Resp: 416538  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 54.184 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 75 Resp: 440052  
Ion Ratio Lower Upper  
75 100  
77 33.3 26.1 39.1  
39 44.4 31.6 47.4



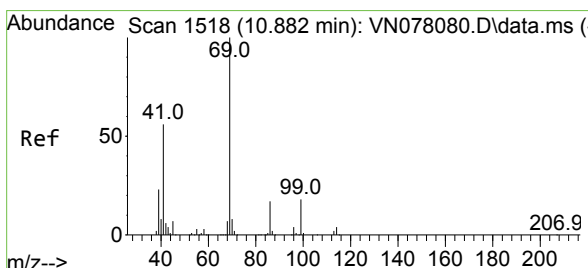
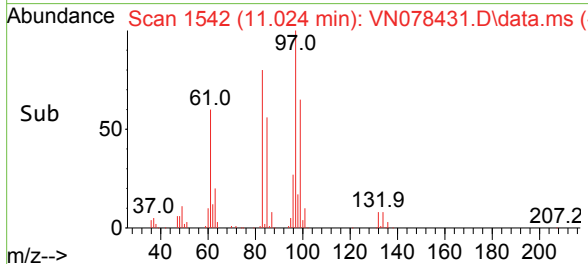
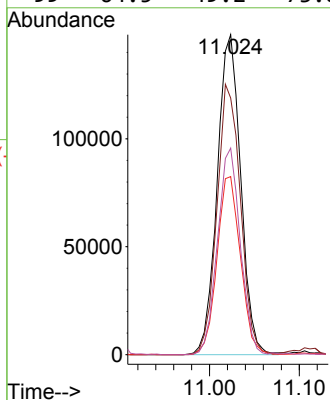
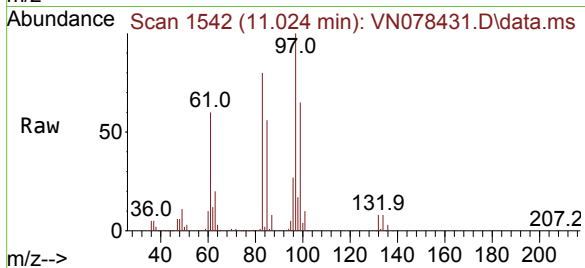


#55  
1,1,2-Trichloroethane  
Concen: 54.451 ug/l  
RT: 11.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 269517

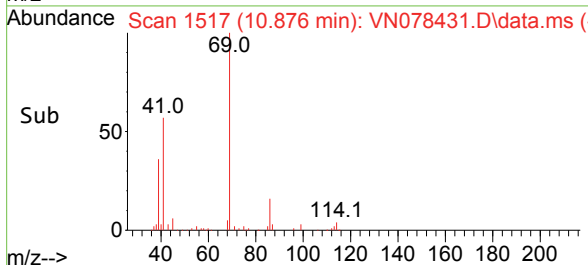
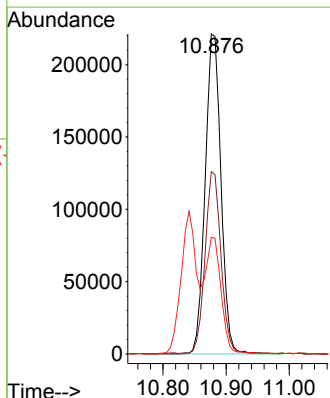
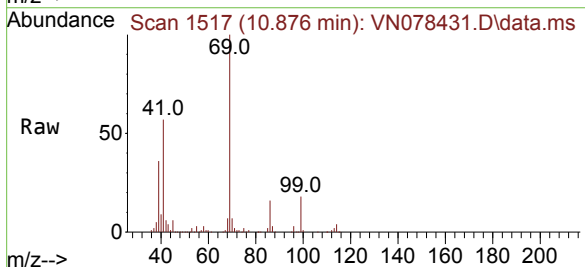
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 80.2  | 65.1  | 97.7  |
| 85  | 55.6  | 43.4  | 65.2  |
| 99  | 64.5  | 49.2  | 73.8  |

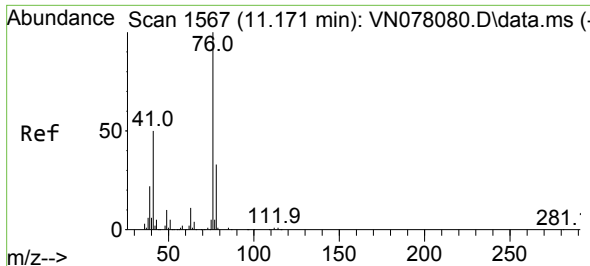


#56  
Ethyl methacrylate  
Concen: 53.258 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 69 Resp: 383840

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 57.2  | 39.6  | 59.4  |
| 39  | 36.4  | 28.6  | 43.0  |





#57

1,3-Dichloropropane

Concen: 53.565 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

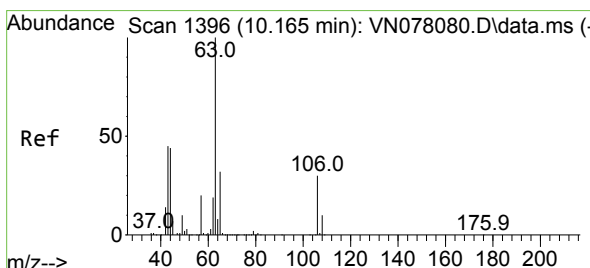
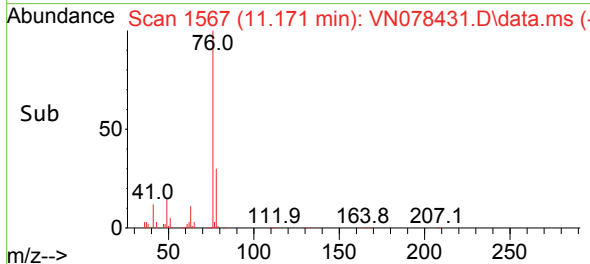
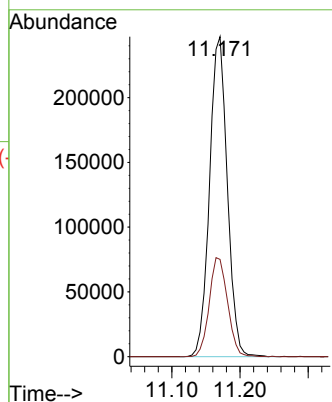
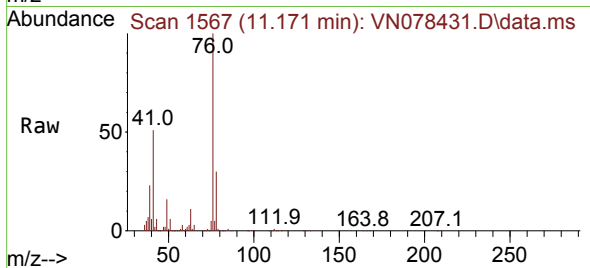
VSTDCCC050

Tgt Ion: 76 Resp: 447532

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 245.128 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078431.D

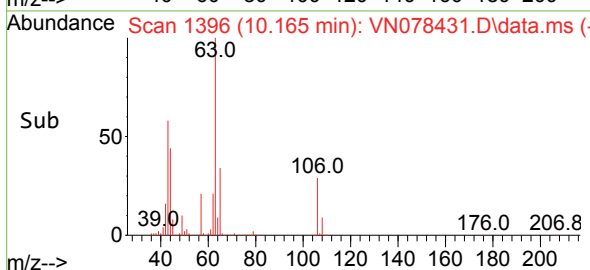
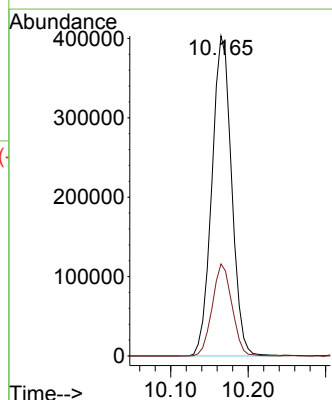
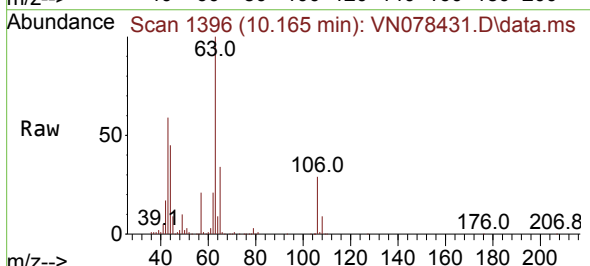
Acq: 28 Jun 2023 10:41

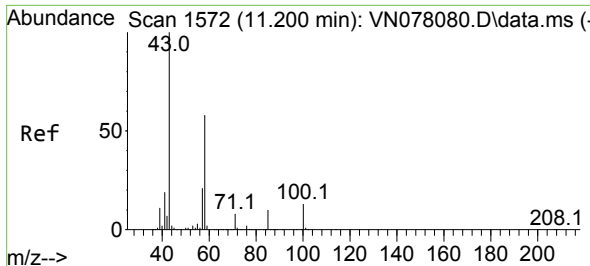
Tgt Ion: 63 Resp: 713687

Ion Ratio Lower Upper

63 100

106 28.6 26.2 39.4

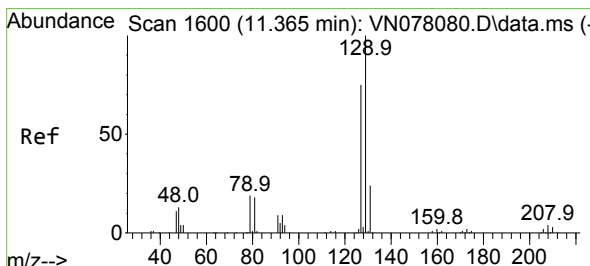
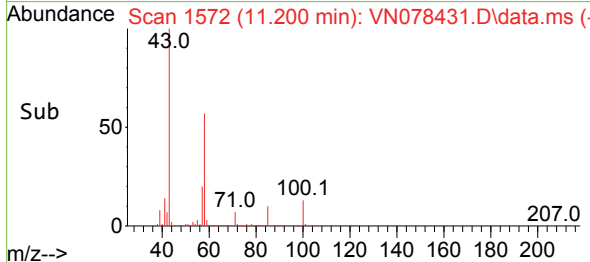
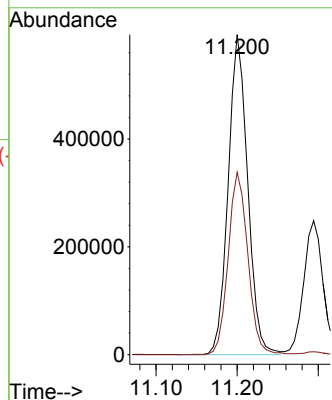
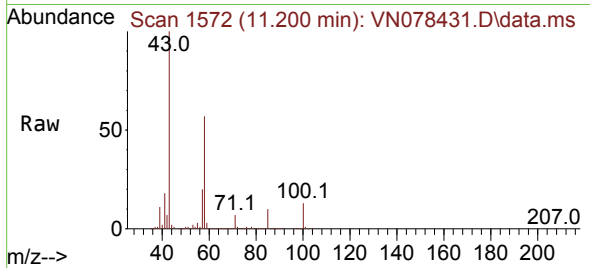




#59  
2-Hexanone  
Concen: 260.105 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

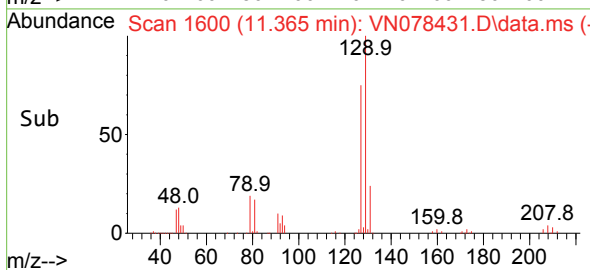
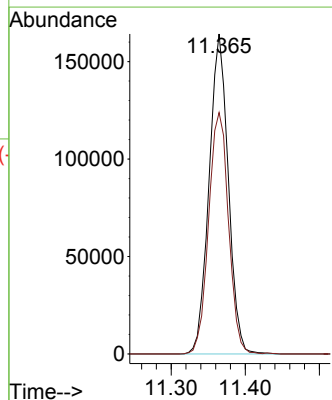
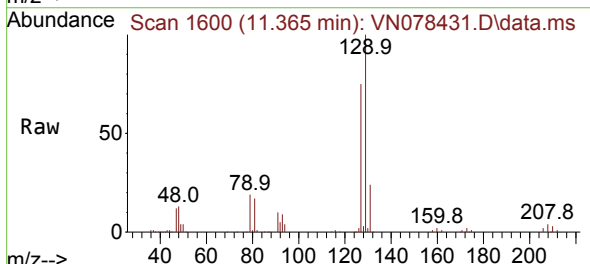
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

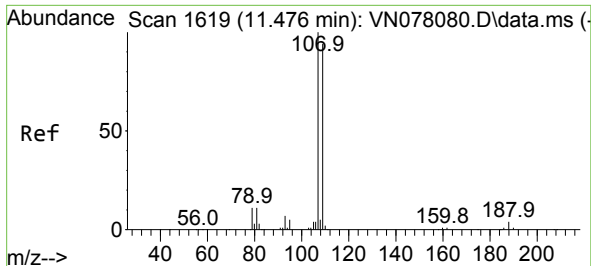
Tgt Ion: 43 Resp: 989076  
Ion Ratio Lower Upper  
43 100  
58 57.6 31.7 95.1



#60  
Dibromochloromethane  
Concen: 54.512 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion:129 Resp: 295251  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.6 116.0

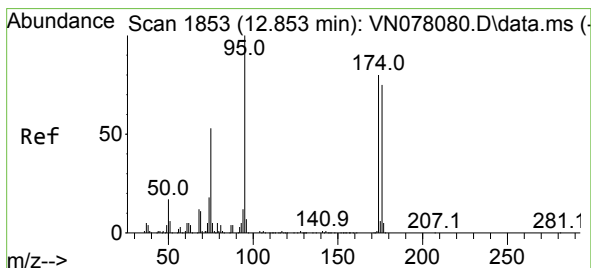
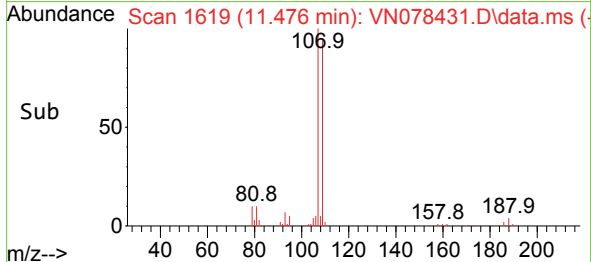
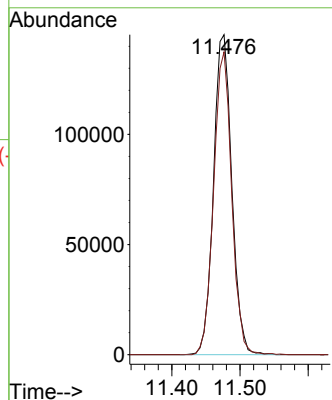
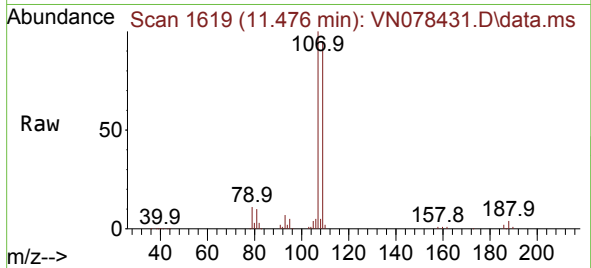




#61  
1,2-Dibromoethane  
Concen: 52.137 ug/l  
RT: 11.476 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

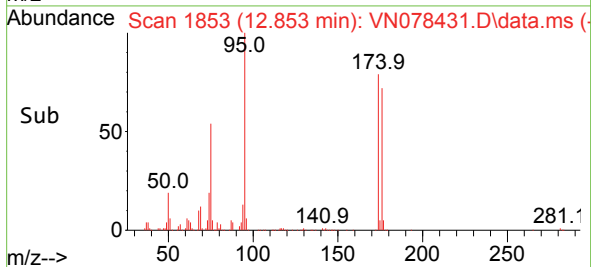
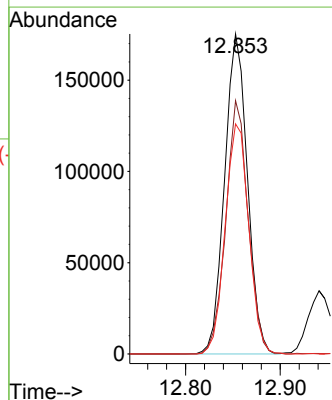
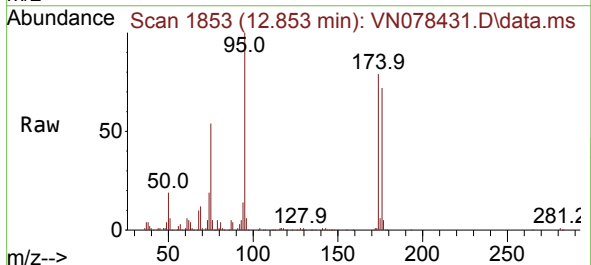
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

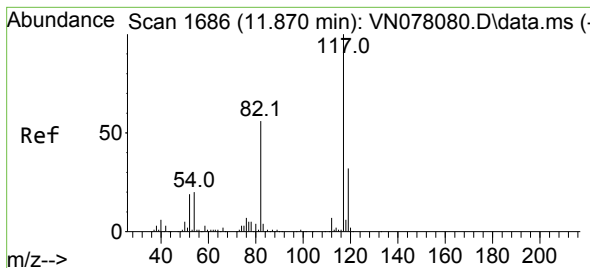
Tgt Ion:107 Resp: 270818  
Ion Ratio Lower Upper  
107 100  
109 93.6 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 50.546 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 95 Resp: 293165  
Ion Ratio Lower Upper  
95 100  
174 77.6 0.0 143.8  
176 74.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

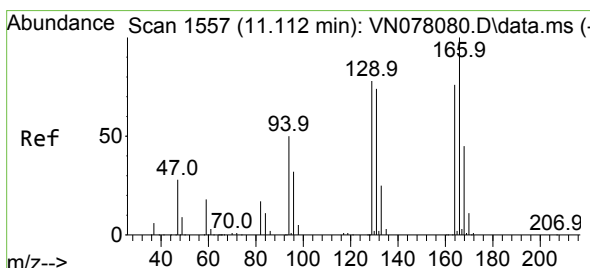
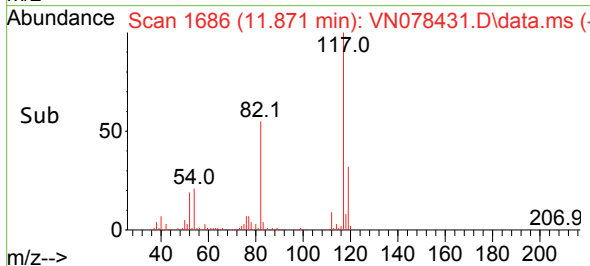
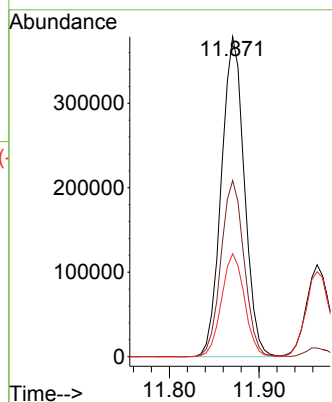
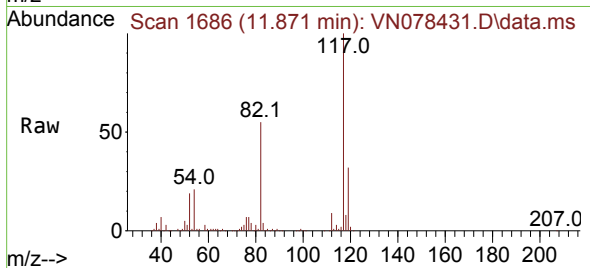
Tgt Ion:117 Resp: 672938

Ion Ratio Lower Upper

117 100

82 55.1 44.0 66.0

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 51.702 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Tgt Ion:164 Resp: 232109

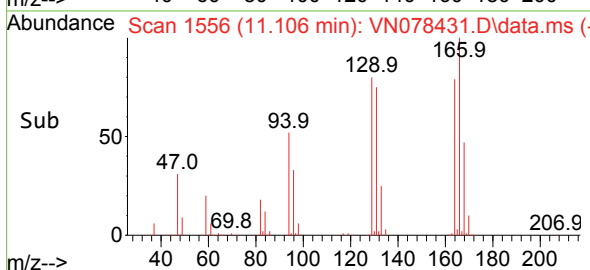
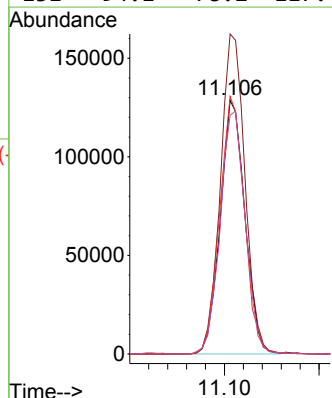
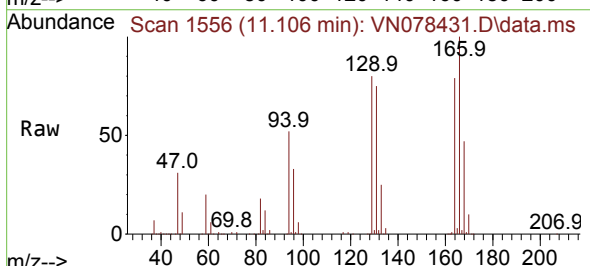
Ion Ratio Lower Upper

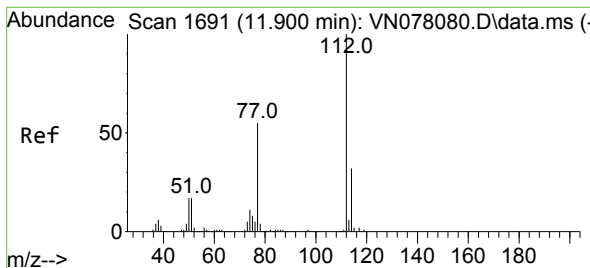
164 100

166 126.2 101.4 152.0

129 101.6 82.4 123.6

131 94.1 78.2 117.4





#65

Chlorobenzene

Concen: 49.946 ug/l

RT: 11.894 min Scan# 1691

Delta R.T. -0.006 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

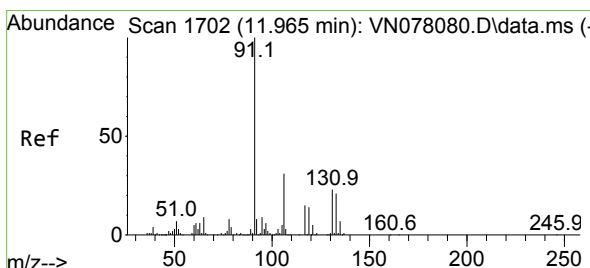
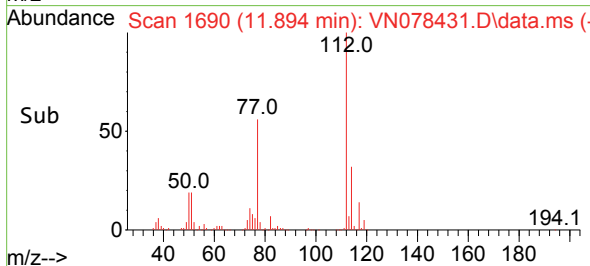
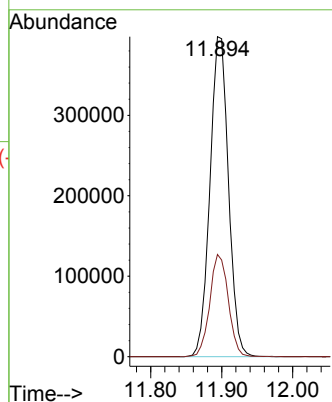
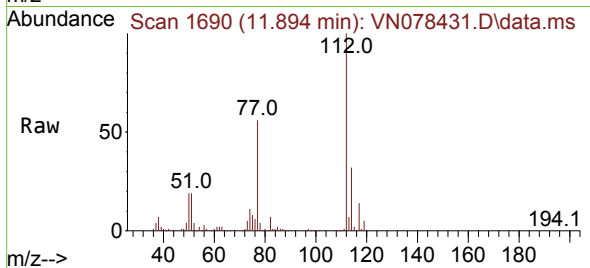
VSTDCCC050

Tgt Ion:112 Resp: 719790

Ion Ratio Lower Upper

112 100

114 31.9 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 52.160 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

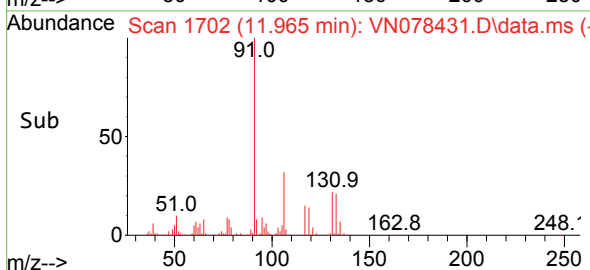
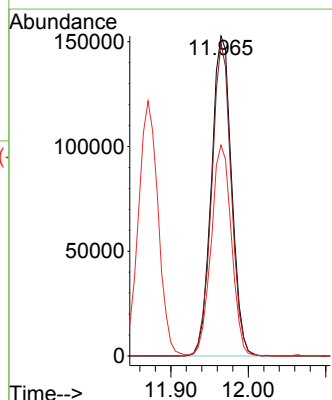
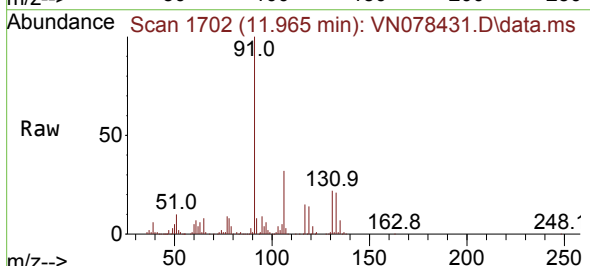
Tgt Ion:131 Resp: 276472

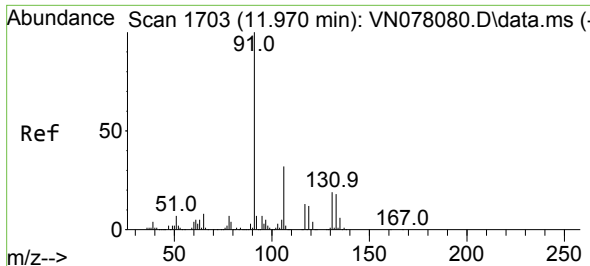
Ion Ratio Lower Upper

131 100

133 94.6 46.4 139.1

119 66.2 34.1 102.2

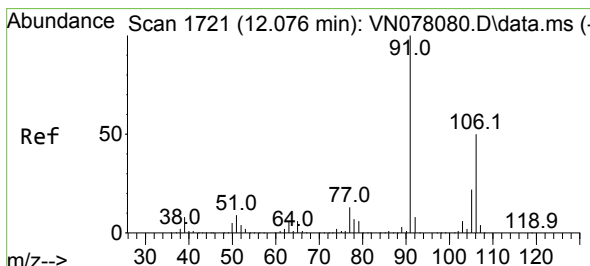
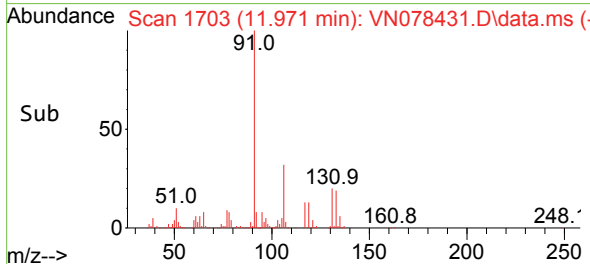
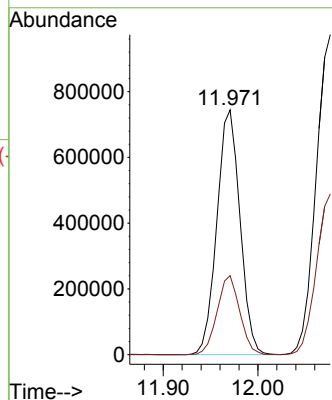
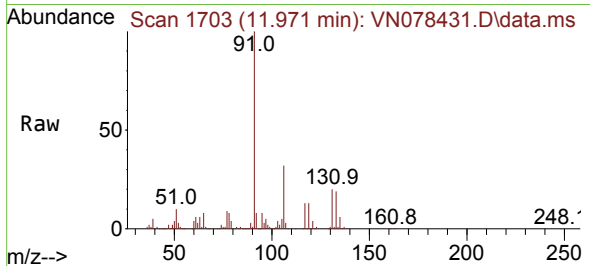




#67  
Ethyl Benzene  
Concen: 50.738 ug/l  
RT: 11.971 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

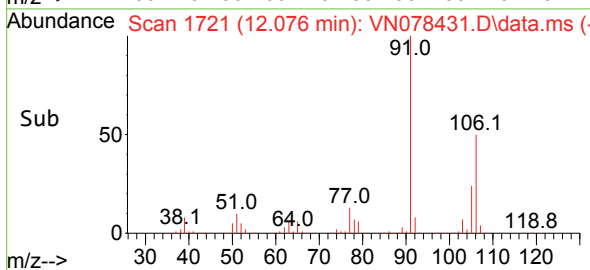
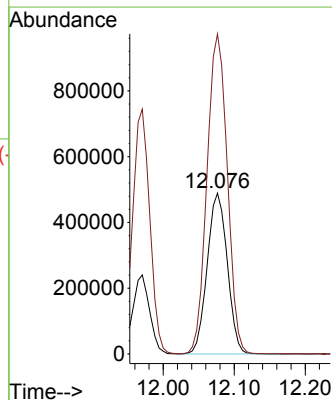
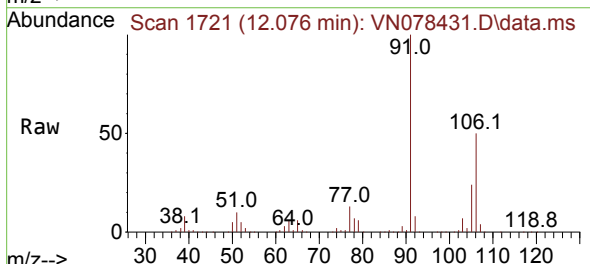
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

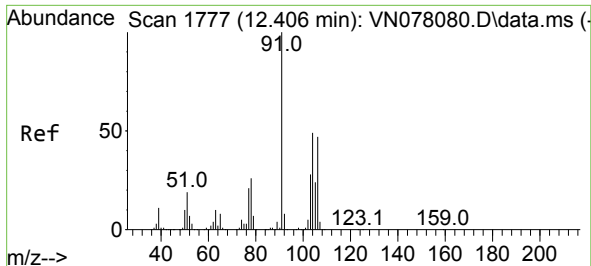
Tgt Ion: 91 Resp: 1261668  
Ion Ratio Lower Upper  
91 100  
106 32.3 25.6 38.4



#68  
m/p-Xylenes  
Concen: 101.383 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion:106 Resp: 960774  
Ion Ratio Lower Upper  
106 100  
91 201.0 159.6 239.4

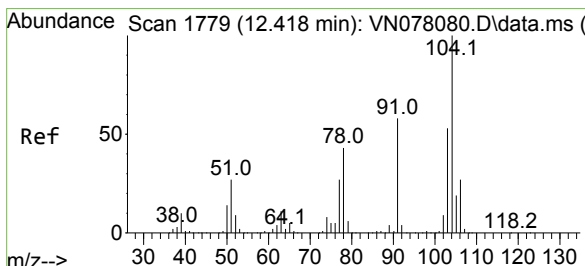
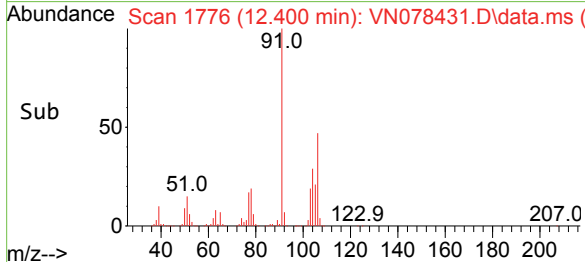
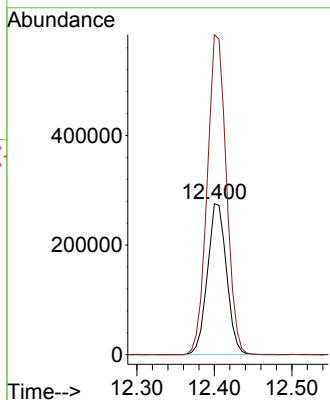
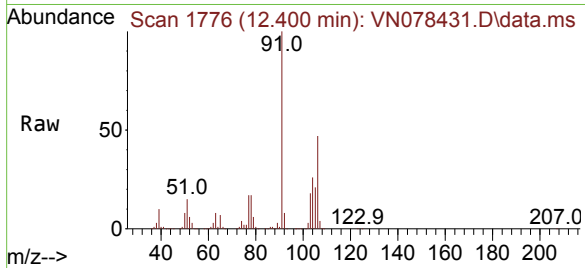




#69  
o-Xylene  
Concen: 50.644 ug/l  
RT: 12.400 min Scan# 1777  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

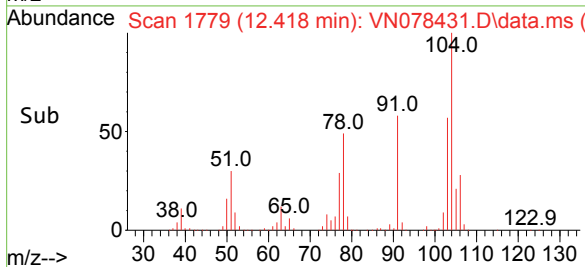
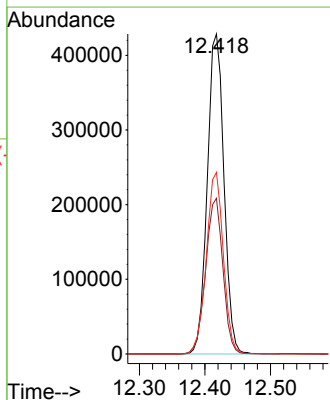
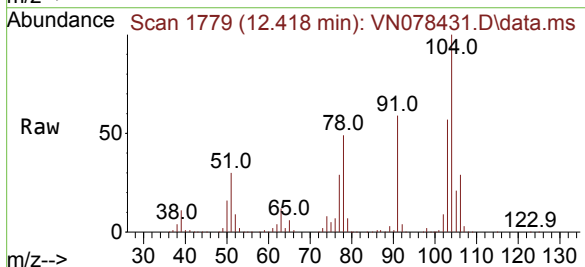
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

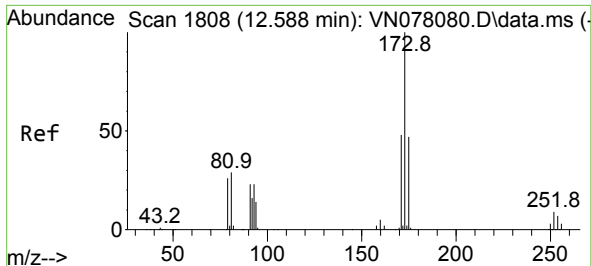
Tgt Ion:106 Resp: 471309  
Ion Ratio Lower Upper  
106 100  
91 213.0 105.2 315.5



#70  
Styrene  
Concen: 51.688 ug/l  
RT: 12.418 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion:104 Resp: 757282  
Ion Ratio Lower Upper  
104 100  
78 50.4 39.5 59.3  
103 58.2 43.2 64.8

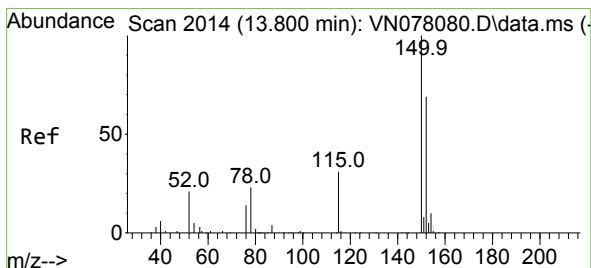
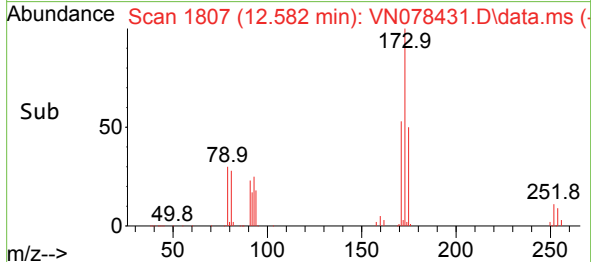
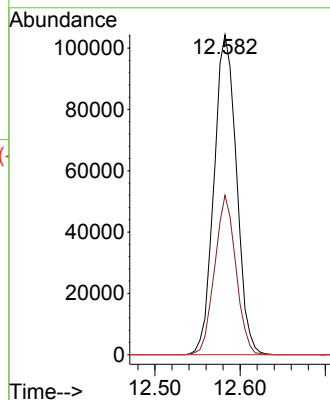
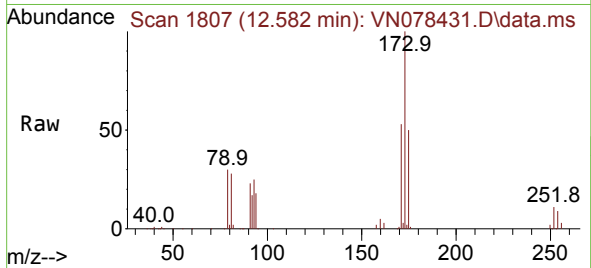




#71  
Bromoform  
Concen: 55.983 ug/l  
RT: 12.582 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

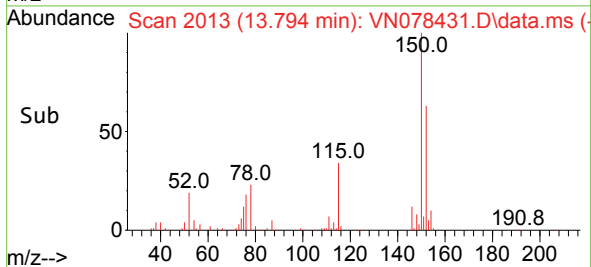
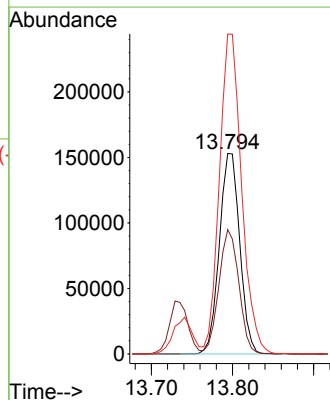
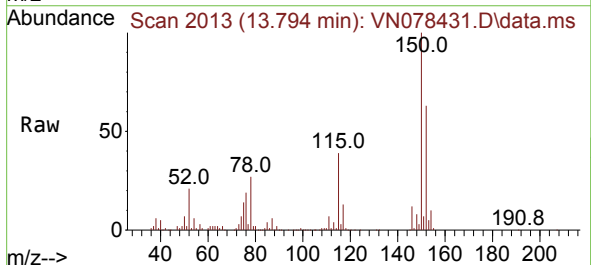
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

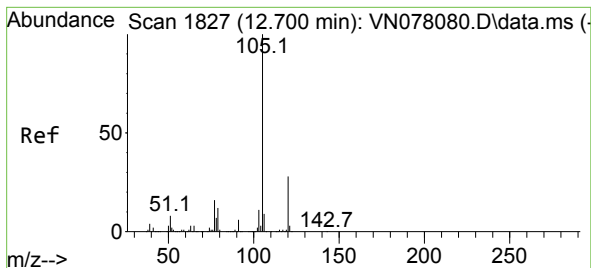
Tgt Ion:173 Resp: 191497  
Ion Ratio Lower Upper  
173 100  
175 47.0 24.3 73.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion:152 Resp: 267250  
Ion Ratio Lower Upper  
152 100  
115 61.0 32.3 96.8  
150 174.2 0.0 355.8





#73

Isopropylbenzene

Concen: 45.712 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

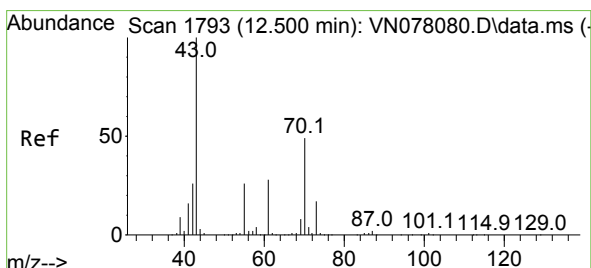
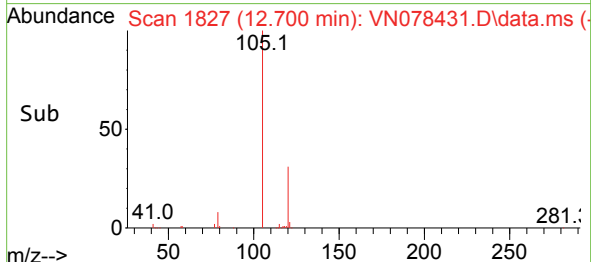
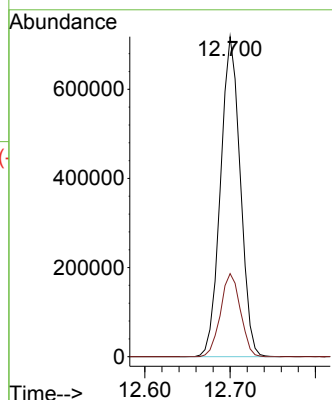
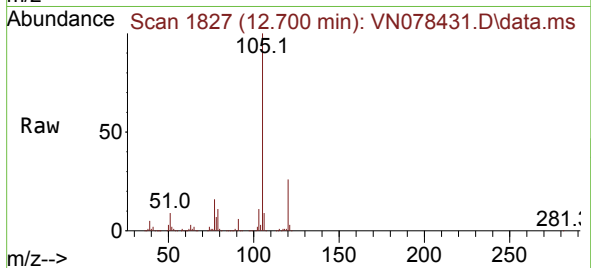
VSTDCCC050

Tgt Ion:105 Resp: 1155232

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 47.545 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Tgt Ion: 43 Resp: 395676

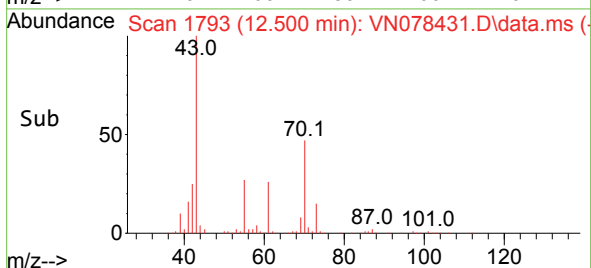
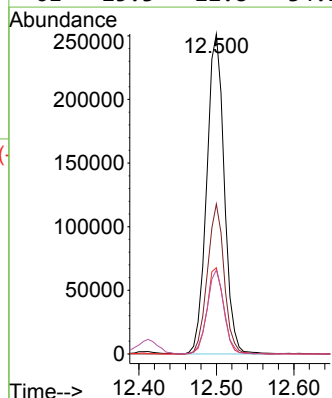
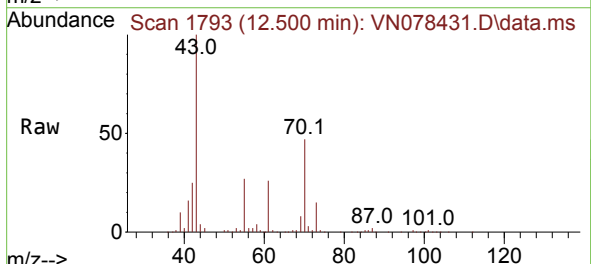
Ion Ratio Lower Upper

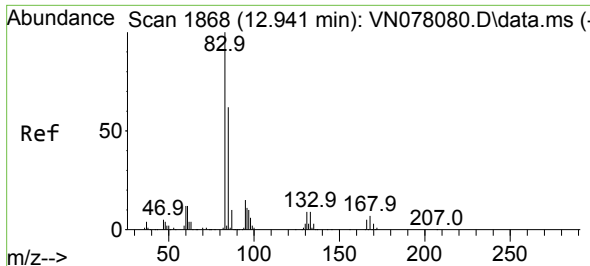
43 100

70 44.7 43.4 65.2

55 25.7 21.4 32.0

61 25.3 22.8 34.2

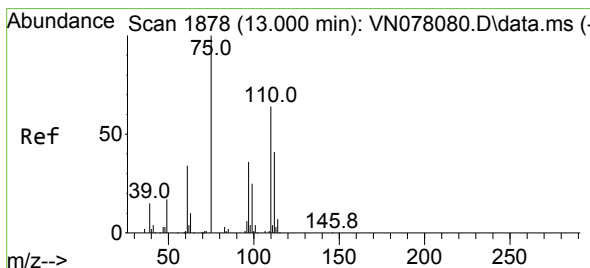
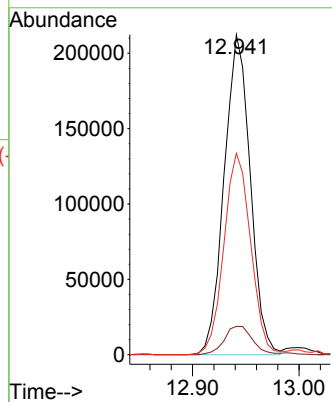
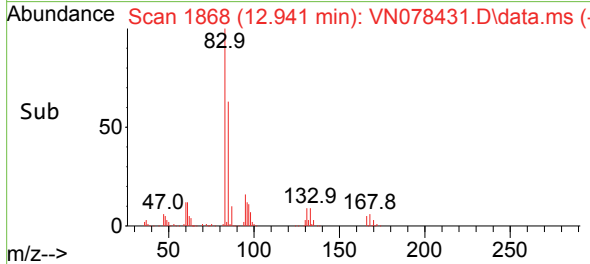
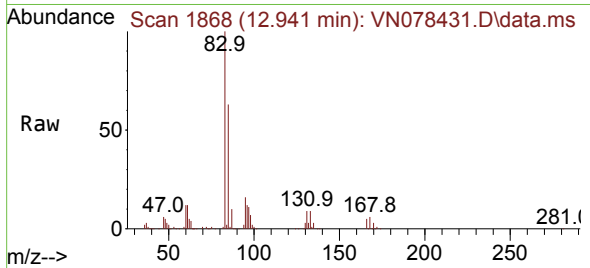




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 52.084 ug/l  
 RT: 12.941 min Scan# 1868  
 Delta R.T. 0.000 min  
 Lab File: VN078431.D  
 Acq: 28 Jun 2023 10:41

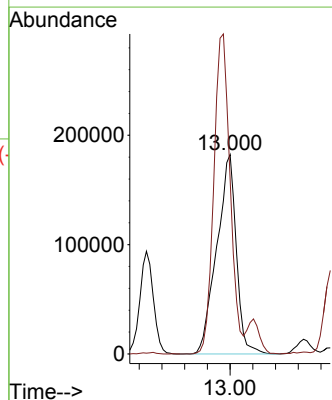
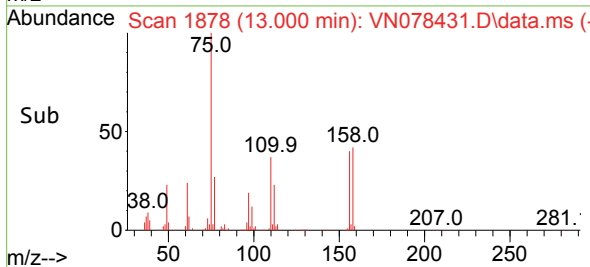
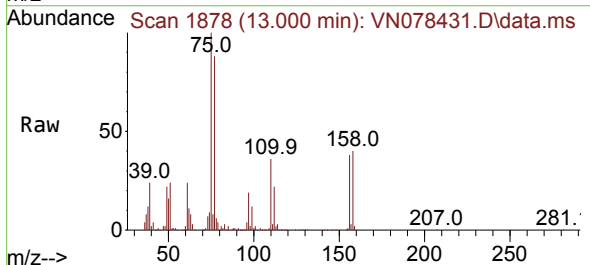
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

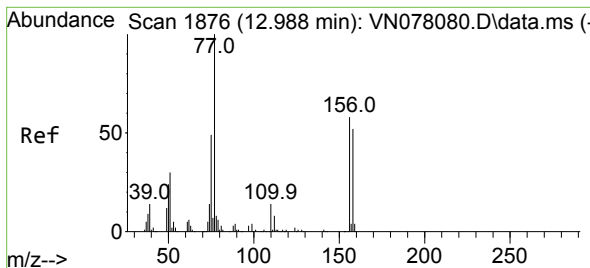
Tgt Ion: 83 Resp: 361319  
 Ion Ratio Lower Upper  
 83 100  
 131 9.9 5.0 15.0  
 85 64.5 31.9 95.7



#76  
 1,2,3-Trichloropropane  
 Concen: 68.996 ug/l  
 RT: 13.000 min Scan# 1878  
 Delta R.T. 0.000 min  
 Lab File: VN078431.D  
 Acq: 28 Jun 2023 10:41

Tgt Ion: 75 Resp: 435907  
 Ion Ratio Lower Upper  
 75 100  
 77 133.5 84.5 253.5





#77

Bromobenzene

Concen: 47.310 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

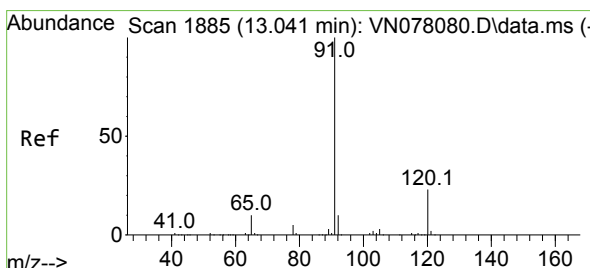
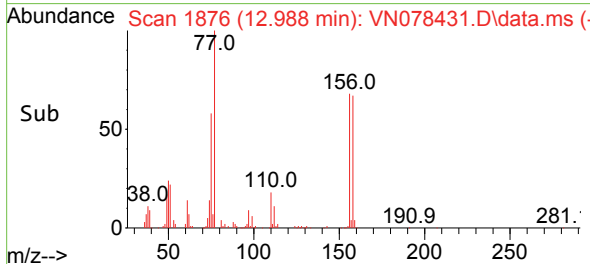
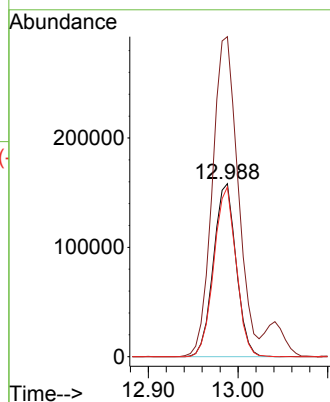
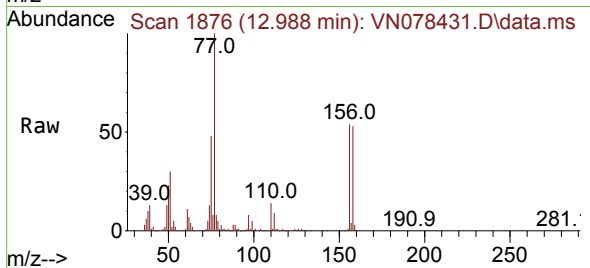
Tgt Ion:156 Resp: 277548

Ion Ratio Lower Upper

156 100

77 209.7 107.7 323.3

158 96.2 48.4 145.3



#78

n-propylbenzene

Concen: 46.654 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078431.D

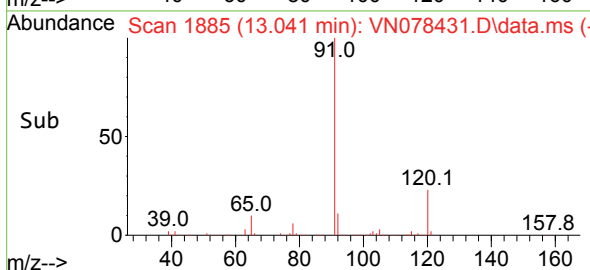
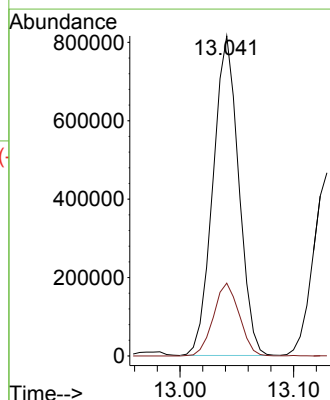
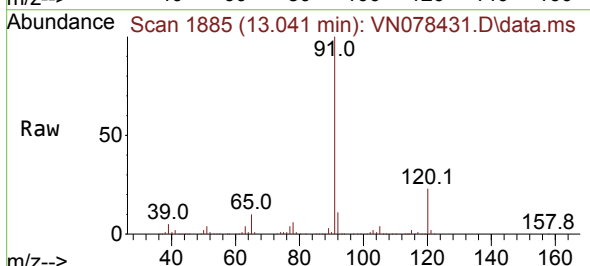
Acq: 28 Jun 2023 10:41

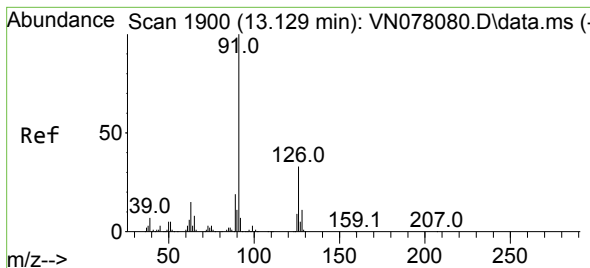
Tgt Ion: 91 Resp: 1281007

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

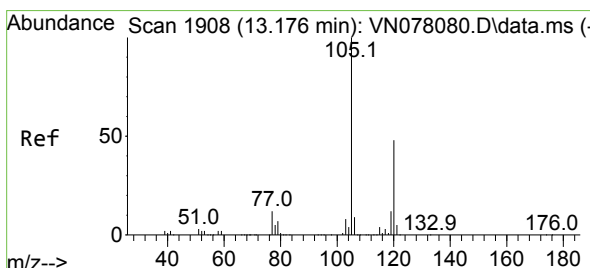
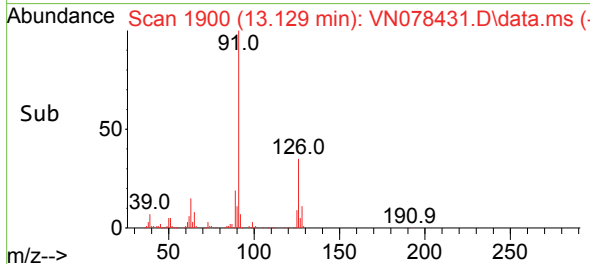
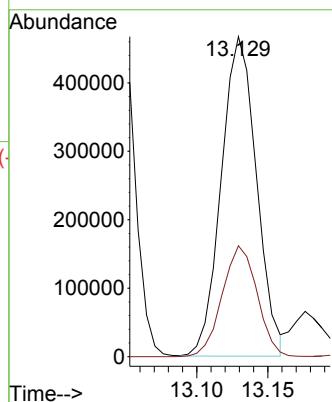
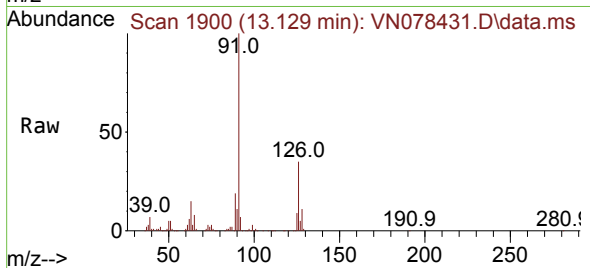




#79  
2-Chlorotoluene  
Concen: 45.486 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

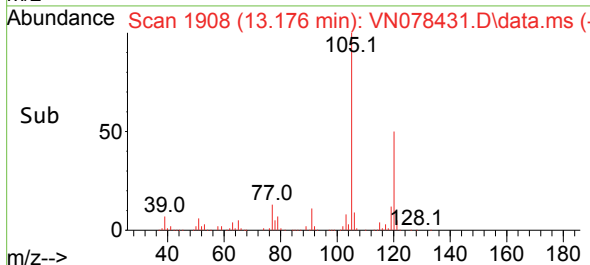
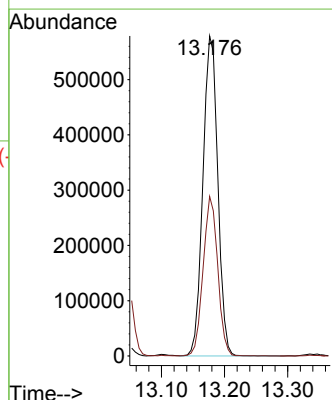
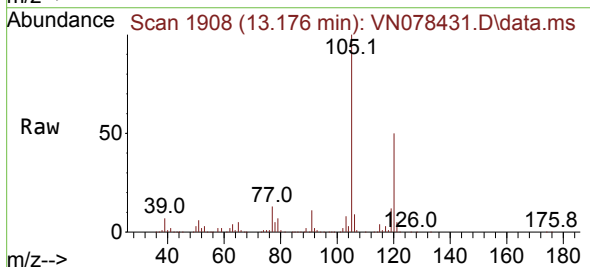
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

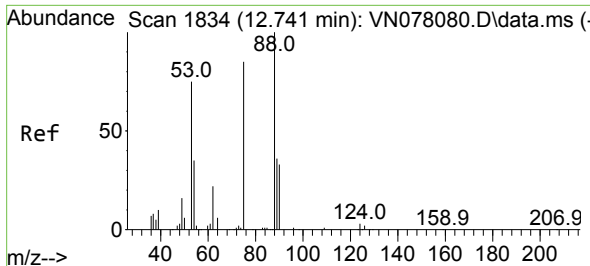
Tgt Ion: 91 Resp: 806179  
Ion Ratio Lower Upper  
91 100  
126 34.4 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 46.402 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 105 Resp: 949412  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.1 72.3

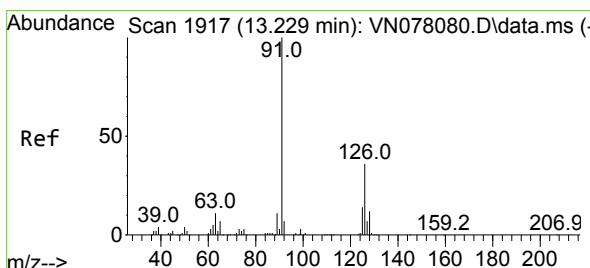
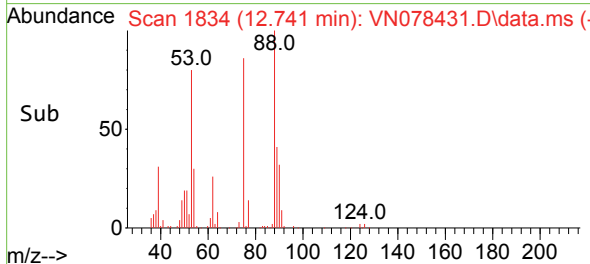
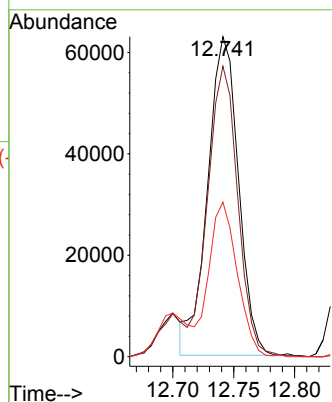
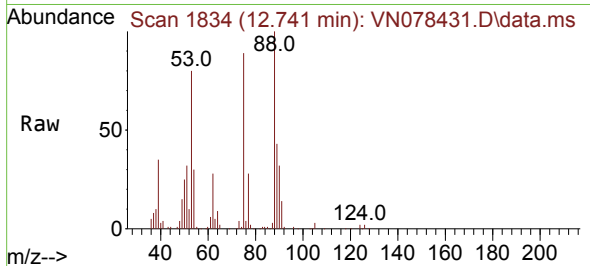




#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.848 ug/l  
RT: 12.741 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

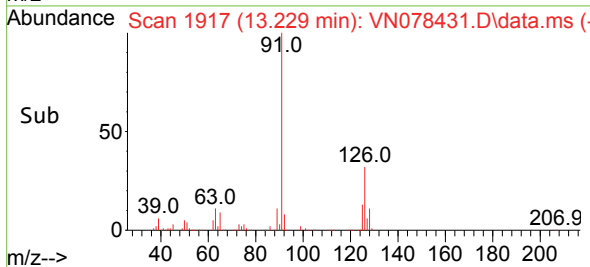
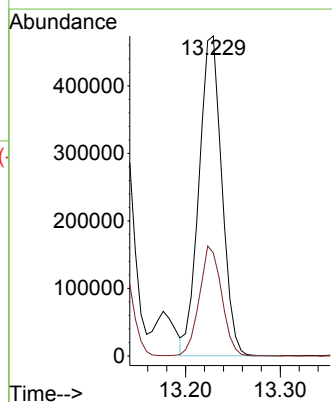
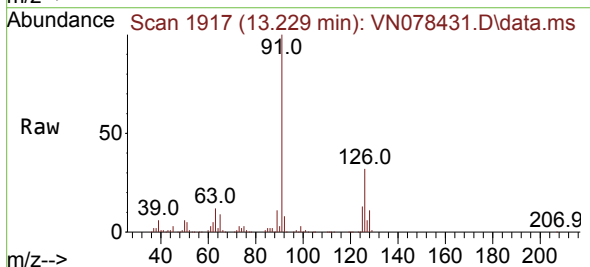
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

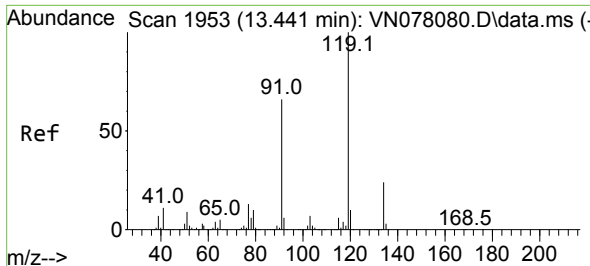
Tgt Ion: 75 Resp: 110733  
Ion Ratio Lower Upper  
75 100  
53 88.9 67.4 101.2  
89 44.6 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 48.103 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion: 91 Resp: 795698  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.7 50.0

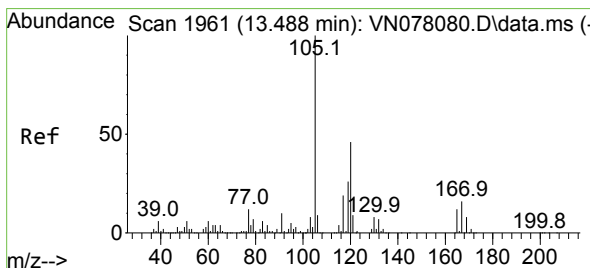
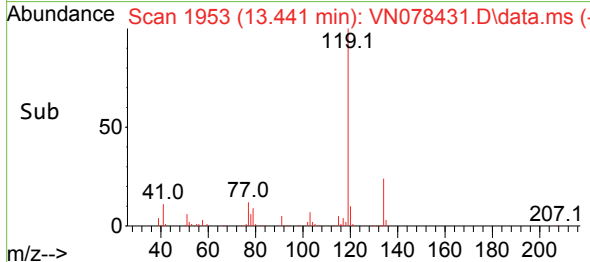
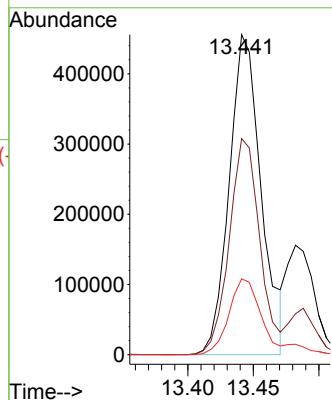
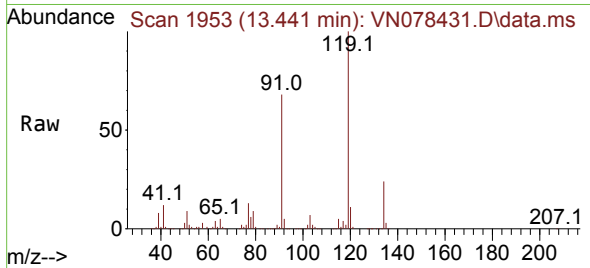




#83  
 tert-Butylbenzene  
 Concen: 43.453 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. 0.000 min  
 Lab File: VN078431.D  
 Acq: 28 Jun 2023 10:41

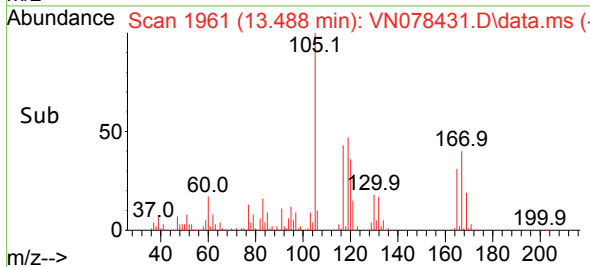
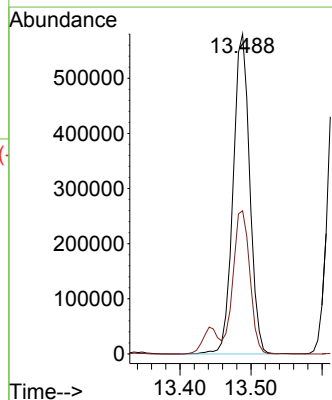
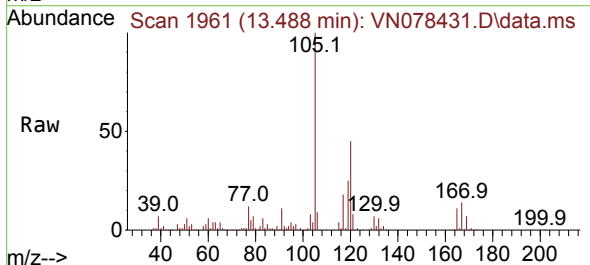
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

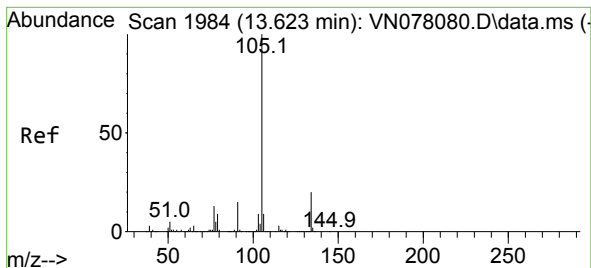
Tgt Ion:119 Resp: 772849  
 Ion Ratio Lower Upper  
 119 100  
 91 64.7 33.9 101.7  
 134 25.8 13.2 39.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 47.497 ug/l  
 RT: 13.488 min Scan# 1961  
 Delta R.T. 0.000 min  
 Lab File: VN078431.D  
 Acq: 28 Jun 2023 10:41

Tgt Ion:105 Resp: 942201  
 Ion Ratio Lower Upper  
 105 100  
 120 45.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 41.879 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

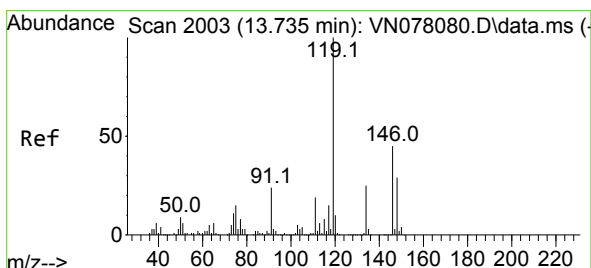
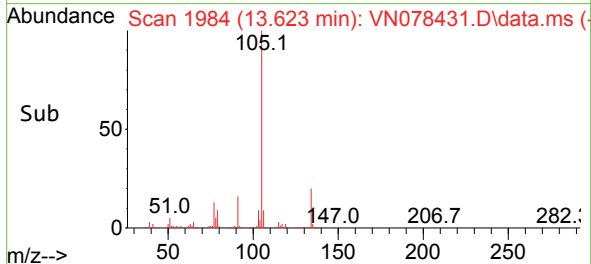
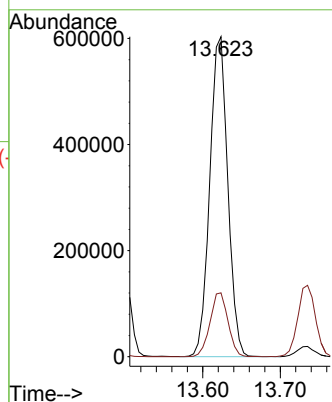
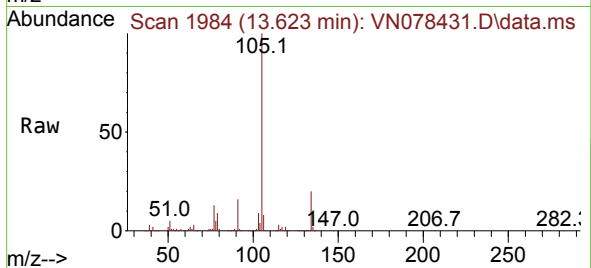
VSTDCCC050

Tgt Ion:105 Resp: 974889

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 42.922 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

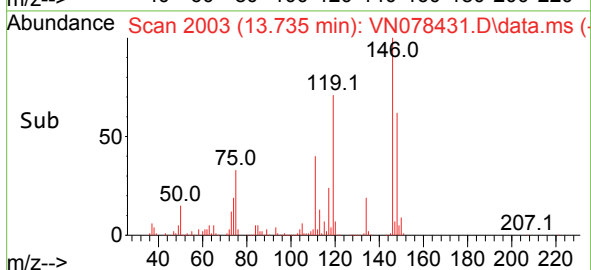
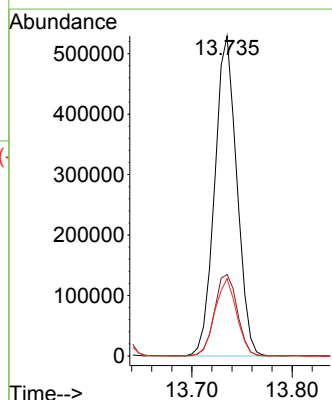
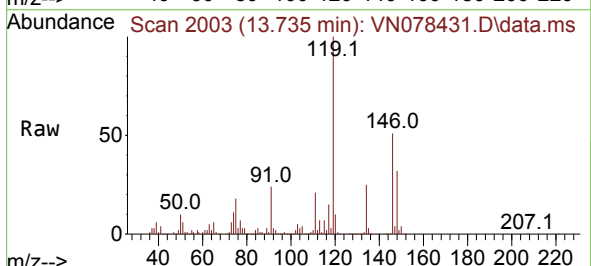
Tgt Ion:119 Resp: 810829

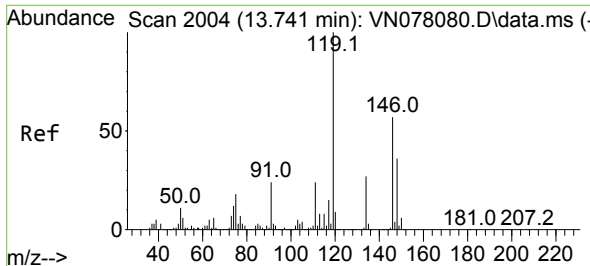
Ion Ratio Lower Upper

119 100

134 26.2 12.6 37.8

91 23.7 12.4 37.2

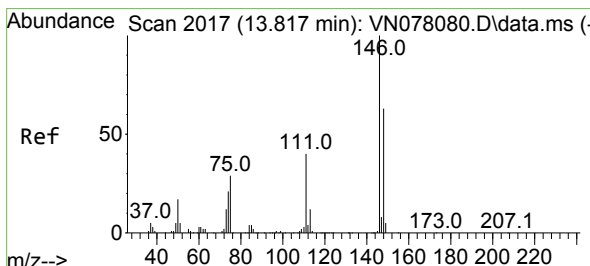
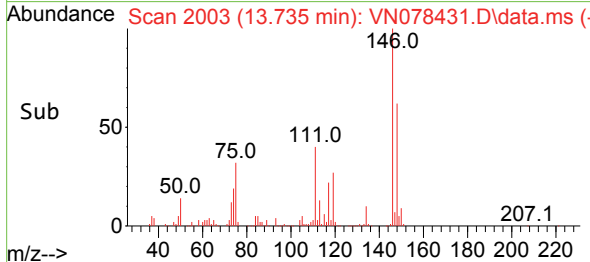
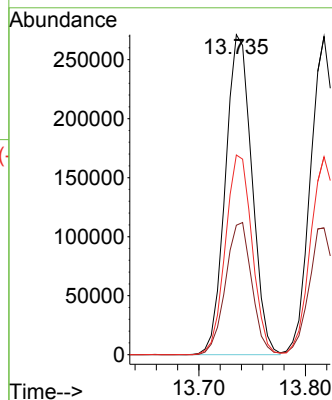
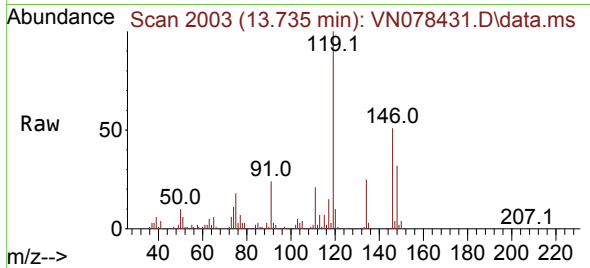




#87  
1,3-Dichlorobenzene  
Concen: 47.259 ug/l  
RT: 13.735 min Scan# 2004  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

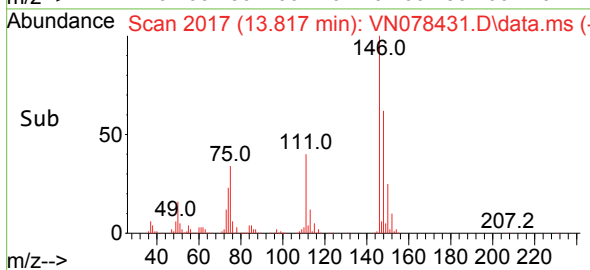
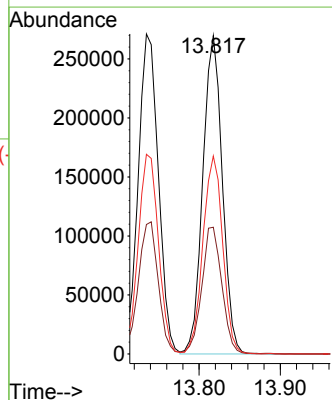
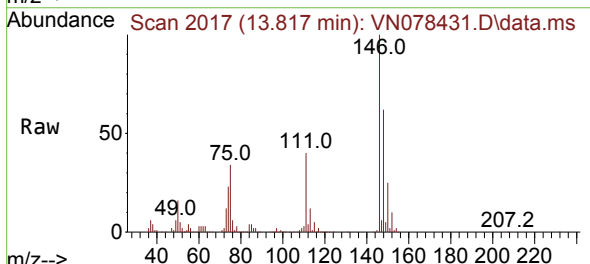
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

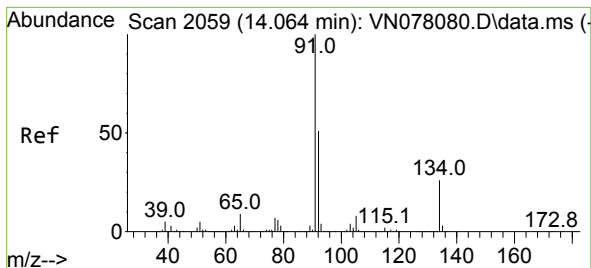
Tgt Ion:146 Resp: 468972  
Ion Ratio Lower Upper  
146 100  
111 40.9 22.1 66.3  
148 62.8 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 46.948 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion:146 Resp: 449552  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.6 61.8  
148 63.3 31.6 94.8





#89

n-Butylbenzene

Concen: 41.573 ug/l

RT: 14.059 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

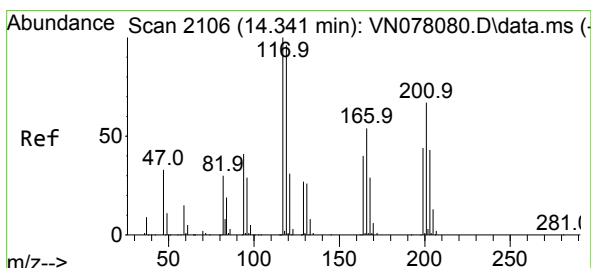
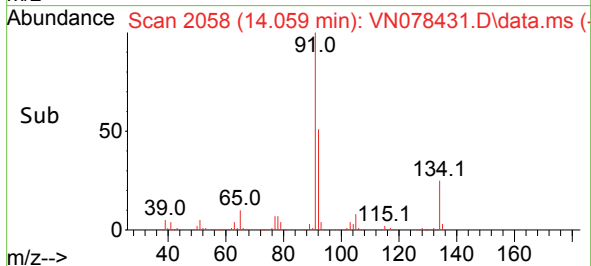
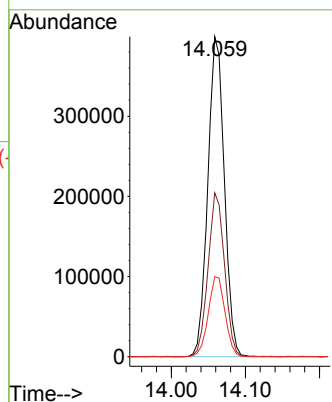
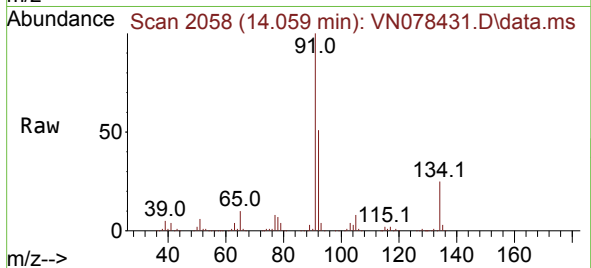
Tgt Ion: 91 Resp: 619453

Ion Ratio Lower Upper

91 100

92 51.0 26.4 79.0

134 25.4 12.6 37.6



#90

Hexachloroethane

Concen: 46.081 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN078431.D

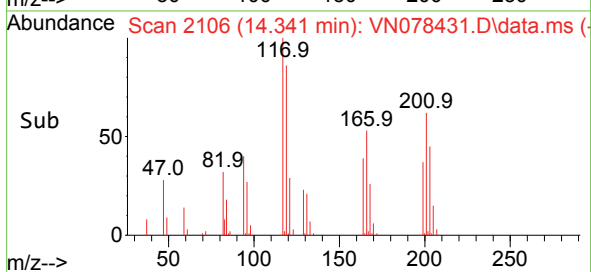
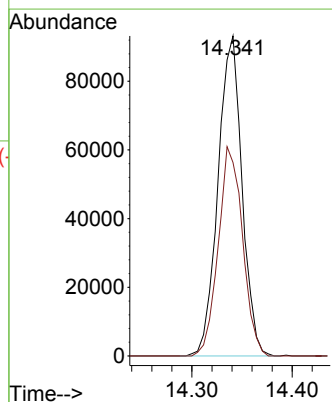
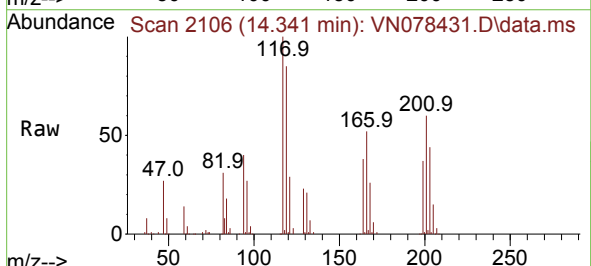
Acq: 28 Jun 2023 10:41

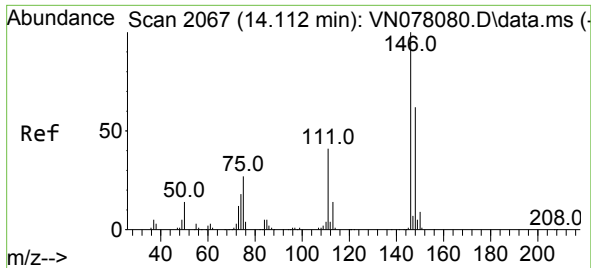
Tgt Ion: 117 Resp: 154484

Ion Ratio Lower Upper

117 100

201 66.2 29.3 88.0

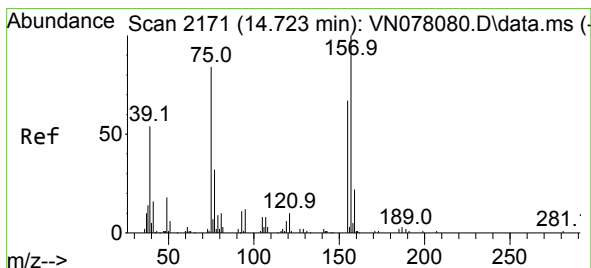
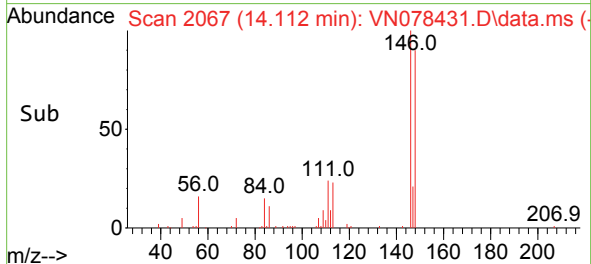
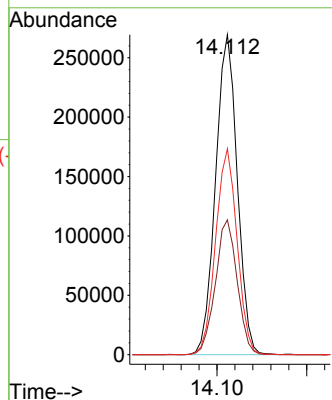
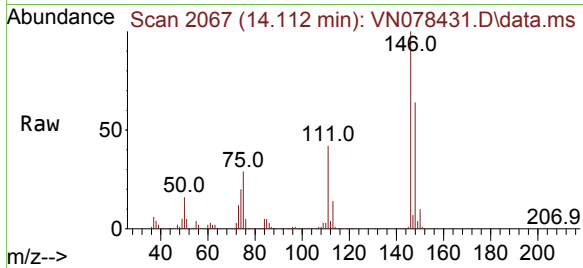




#91  
 1,2-Dichlorobenzene  
 Concen: 46.664 ug/l  
 RT: 14.112 min Scan# 2067  
 Delta R.T. 0.000 min  
 Lab File: VN078431.D  
 Acq: 28 Jun 2023 10:41

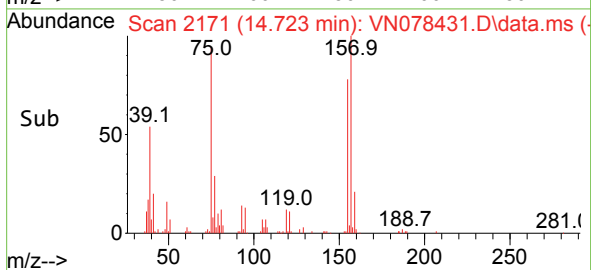
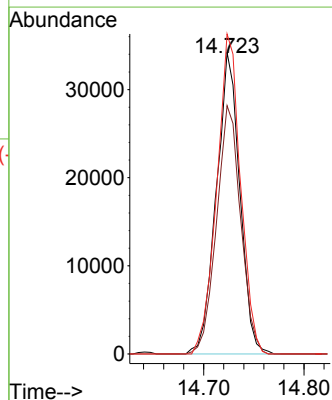
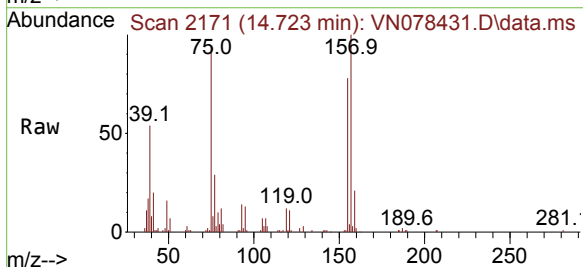
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

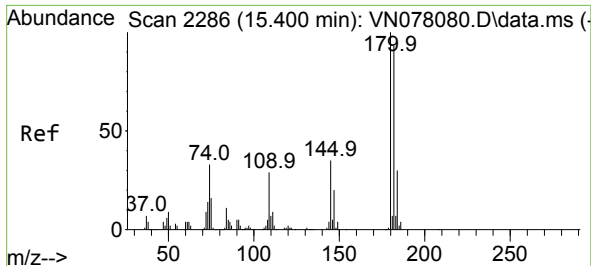
Tgt Ion:146 Resp: 452568  
 Ion Ratio Lower Upper  
 146 100  
 111 42.4 22.0 66.0  
 148 63.8 31.8 95.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 44.312 ug/l  
 RT: 14.723 min Scan# 2171  
 Delta R.T. 0.000 min  
 Lab File: VN078431.D  
 Acq: 28 Jun 2023 10:41

Tgt Ion: 75 Resp: 55469  
 Ion Ratio Lower Upper  
 75 100  
 155 84.8 39.1 117.2  
 157 107.8 50.3 150.9

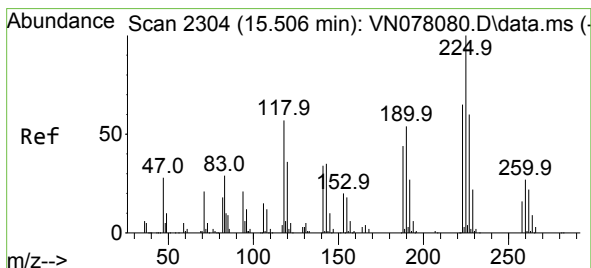
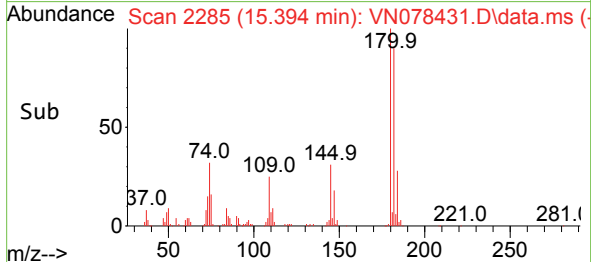
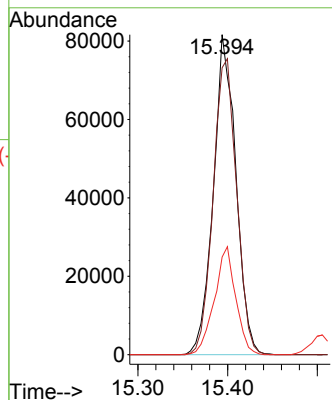
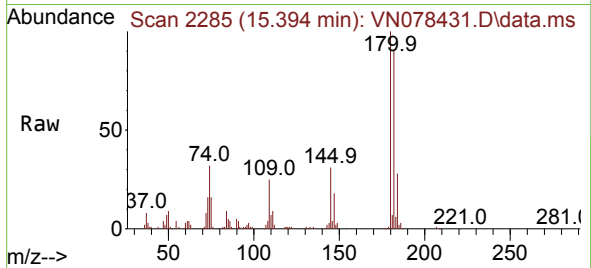




#93  
1,2,4-Trichlorobenzene  
Concen: 41.117 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

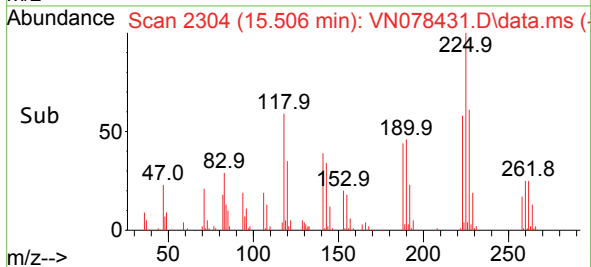
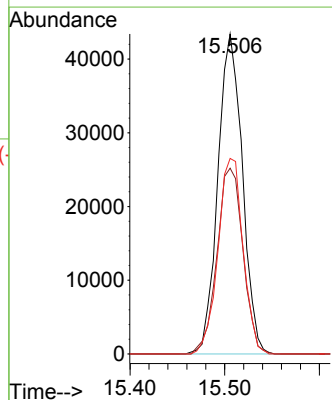
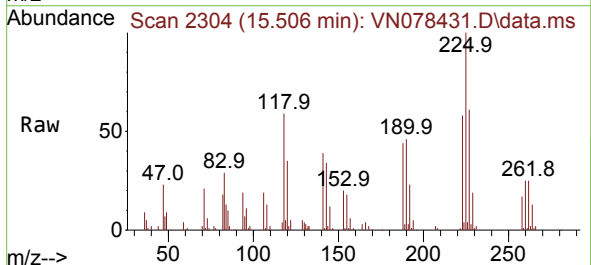
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

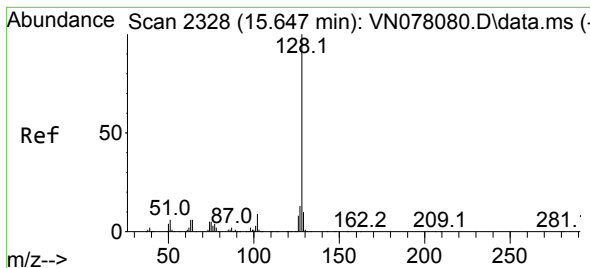
Tgt Ion:180 Resp: 142078  
Ion Ratio Lower Upper  
180 100  
182 96.5 46.1 138.2  
145 32.1 16.6 49.8



#94  
Hexachlorobutadiene  
Concen: 45.822 ug/l  
RT: 15.506 min Scan# 2304  
Delta R.T. -0.000 min  
Lab File: VN078431.D  
Acq: 28 Jun 2023 10:41

Tgt Ion:225 Resp: 77992  
Ion Ratio Lower Upper  
225 100  
223 61.6 31.3 93.8  
227 62.5 31.9 95.9





#95

Naphthalene

Concen: 39.664 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

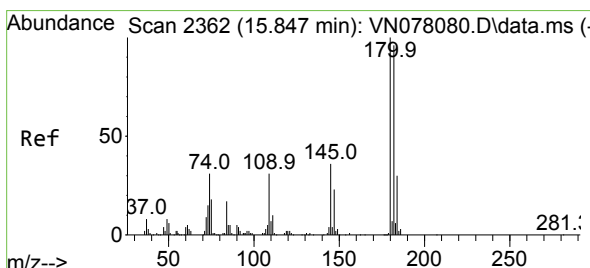
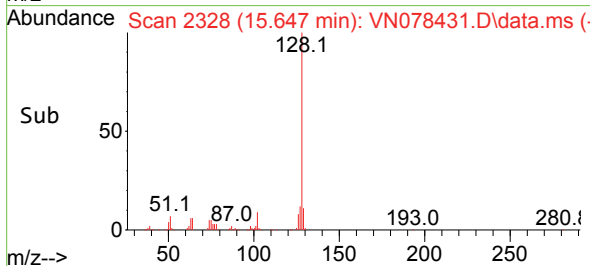
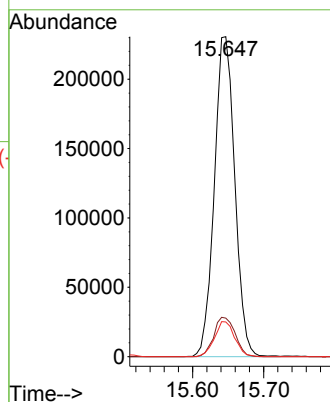
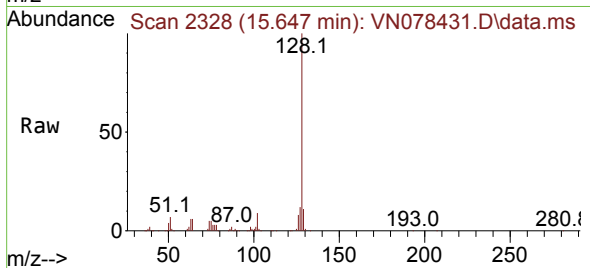
Tgt Ion:128 Resp: 461027

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 41.214 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078431.D

Acq: 28 Jun 2023 10:41

Tgt Ion:180 Resp: 159279

Ion Ratio Lower Upper

180 100

182 94.3 46.2 138.6

145 33.9 17.5 52.6

