

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112223\  
 Data File : VN080236.D  
 Acq On : 22 Nov 2023 10:11  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 23 00:14:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.229  | 168  | 215973   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 319310   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.870 | 117  | 303566   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 154723   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 179804   | 50.421   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.840% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 128129   | 54.382   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 108.760% |      |
| 50) Toluene-d8              | 10.570 | 98    | 459917   | 54.151   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 108.300% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 176244   | 54.938   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 109.880% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 150464 | 46.771  | ug/l   | 94  |
| 3) Chloromethane             | 2.365 | 50  | 98714  | 40.813  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.512 | 62  | 111122 | 43.413  | ug/l   | 98  |
| 5) Bromomethane              | 2.947 | 94  | 74383  | 42.807  | ug/l   | 95  |
| 6) Chloroethane              | 3.112 | 64  | 74285  | 46.785  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.494 | 101 | 259988 | 48.691  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.959 | 74  | 67797  | 43.659  | ug/l   | 91  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 117777 | 48.259  | ug/l   | 94  |
| 10) Methyl Iodide            | 4.589 | 142 | 133056 | 50.447  | ug/l # | 83  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 95717  | 244.079 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 4.341 | 96  | 105504 | 46.219  | ug/l # | 81  |
| 13) Acrolein                 | 4.177 | 56  | 83571  | 240.802 | ug/l   | 99  |
| 14) Allyl chloride           | 5.030 | 41  | 122265 | 42.572  | ug/l   | 89  |
| 15) Acrylonitrile            | 5.718 | 53  | 243481 | 231.280 | ug/l   | 99  |
| 16) Acetone                  | 4.424 | 43  | 285045 | 237.983 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.712 | 76  | 276783 | 40.609  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.024 | 43  | 167128 | 43.428  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 390263 | 48.412  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.277 | 84  | 124594 | 49.673  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 119960 | 47.836  | ug/l   | 88  |
| 22) Diisopropyl ether        | 6.671 | 45  | 306794 | 48.283  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.606 | 43  | 867904 | 227.202 | ug/l # | 92  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 214547 | 46.360  | ug/l   | 100 |
| 25) 2-Butanone               | 7.482 | 43  | 322672 | 226.743 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 226631 | 49.360  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 135679 | 47.722  | ug/l   | 88  |
| 28) Bromochloromethane       | 7.812 | 49  | 85250  | 46.857  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 180079 | 235.702 | ug/l   | 94  |
| 30) Chloroform               | 7.971 | 83  | 261489 | 50.552  | ug/l   | 94  |
| 31) Cyclohexane              | 8.259 | 56  | 164468 | 42.409  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 257486 | 51.044  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 179350 | 52.577  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.559 | 43  | 117403 | 49.619  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 237626 | 54.895  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 169298 | 51.473  | ug/l   | 90  |
| 40) Benzene                  | 8.606 | 78  | 497893 | 51.356  | ug/l   | 98  |

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 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 23 00:14:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 66743    | 51.365   | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 216858   | 54.674   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 205776   | 44.691   | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 132334   | 52.037   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.623  | 63   | 115539   | 51.282   | ug/l   | 94       |
| 46) Dibromomethane            | 9.712  | 93   | 91970    | 53.927   | ug/l   | 89       |
| 47) Bromodichloromethane      | 9.894  | 83   | 204394   | 54.483   | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.682  | 41   | 121547   | 51.225   | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 42651    | 1080.471 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 613568   | 257.392  | ug/l   | 97       |
| 52) Toluene                   | 10.629 | 92   | 325957   | 53.724   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 209786   | 54.427   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 213524   | 54.223   | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 125256   | 54.090   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 129865   | 54.895   | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 215510   | 53.303   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 374703   | 281.149  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.200 | 43   | 502936   | 262.560  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.365 | 129  | 156483   | 56.443   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 126136   | 53.393   | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 132497   | 57.192   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 344396   | 50.068   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.964 | 131  | 143040   | 53.586   | ug/l   | 94       |
| 67) Ethyl Benzene             | 11.964 | 91   | 636633   | 52.012   | ug/l   | 95       |
| 68) m/p-Xylenes               | 12.076 | 106  | 471370   | 105.622  | ug/l   | 85       |
| 69) o-Xylene                  | 12.400 | 106  | 224959   | 53.487   | ug/l   | 86       |
| 70) Styrene                   | 12.412 | 104  | 342853   | 54.769   | ug/l   | 93       |
| 71) Bromoform                 | 12.582 | 173  | 107481   | 54.296   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 609281   | 50.676   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 164303   | 43.822   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 158573   | 44.067   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 231598   | 61.092   | ug/l   | 74       |
| 77) Bromobenzene              | 12.982 | 156  | 150052   | 49.501   | ug/l   | 96       |
| 78) n-propylbenzene           | 13.041 | 91   | 693891   | 51.611   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 440001   | 50.389   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 538670   | 51.468   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 52102    | 46.434   | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 452589   | 50.593   | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 418308   | 49.840   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 540786   | 52.475   | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 545975   | 51.422   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 502177   | 52.947   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 266964   | 48.882   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 267076   | 48.662   | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.058 | 91   | 402184   | 50.662   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 89626    | 48.472   | ug/l   | 71       |
| 91) 1,2-Dichlorobenzene       | 14.111 | 146  | 256339   | 49.049   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 36633    | 43.828   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 140527   | 46.232   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.505 | 225  | 78043    | 44.616   | ug/l   | 99       |
| 95) Naphthalene               | 15.647 | 128  | 376456   | 42.710   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 133555   | 46.877   | ug/l   | 99       |

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Data File : VN080236.D  
Acq On : 22 Nov 2023 10:11  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

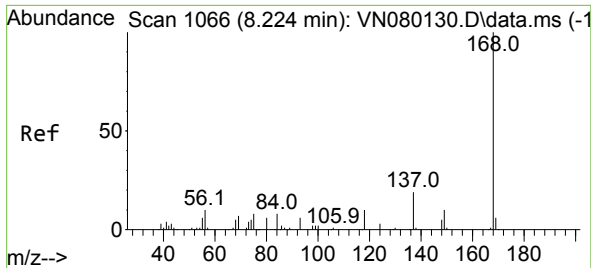
Quant Time: Nov 23 00:14:20 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 17 01:19:32 2023  
Response via : Initial Calibration

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

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

Quant Time: Nov 23 00:14:20 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 17 01:19:32 2023  
Response via : Initial Calibration

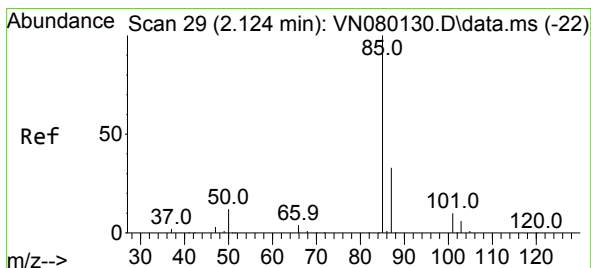
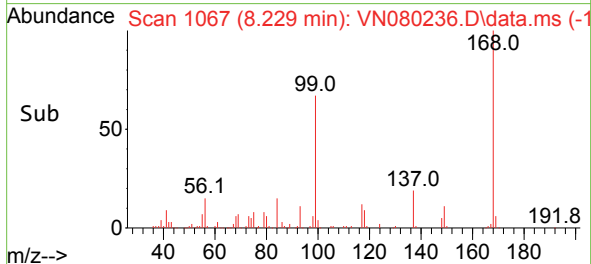
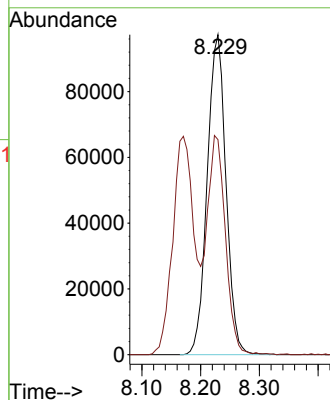
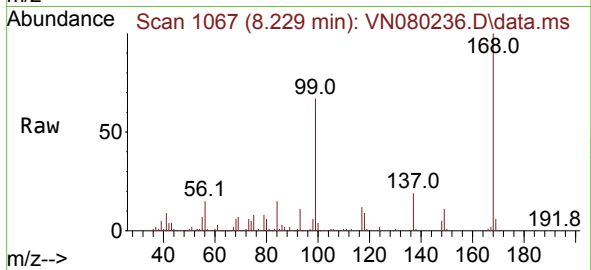




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1066  
Delta R.T. 0.005 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

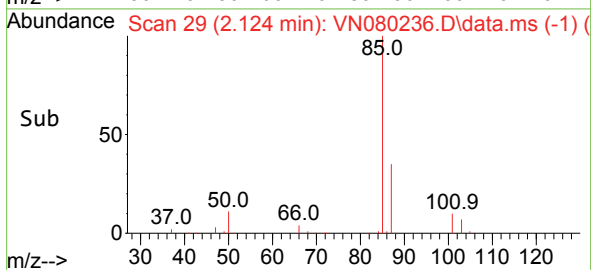
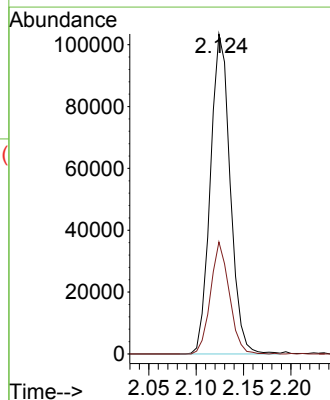
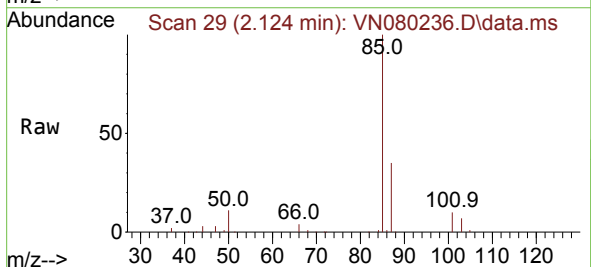
Instrument :  
MSVOA\_N  
ClientSampleId :

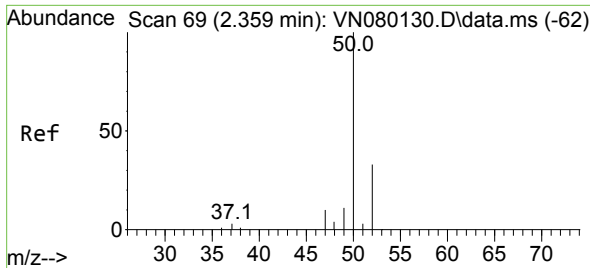
Tgt Ion:168 Resp: 215973  
Ion Ratio Lower Upper  
168 100  
99 67.0 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 46.771 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 85 Resp: 150464  
Ion Ratio Lower Upper  
85 100  
87 35.0 15.8 47.4

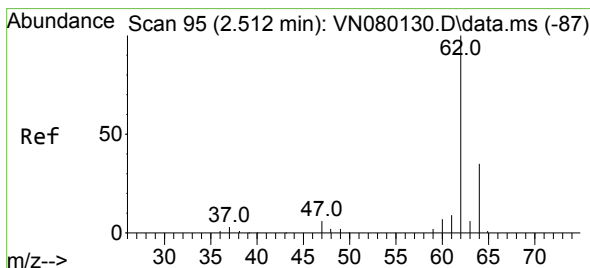
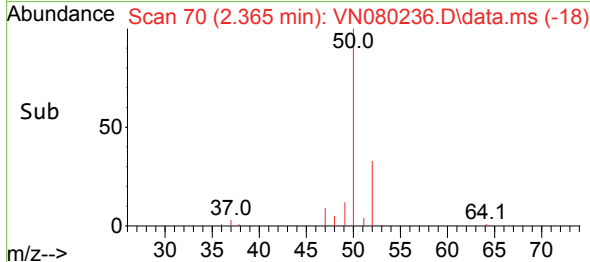
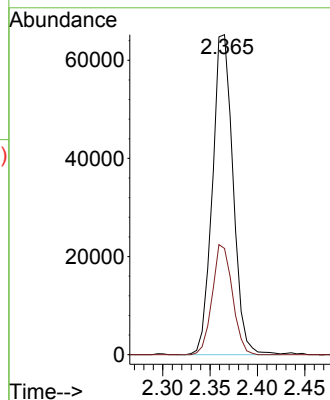
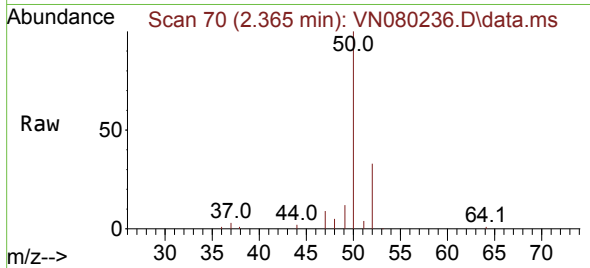




#3  
Chloromethane  
Concen: 40.813 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

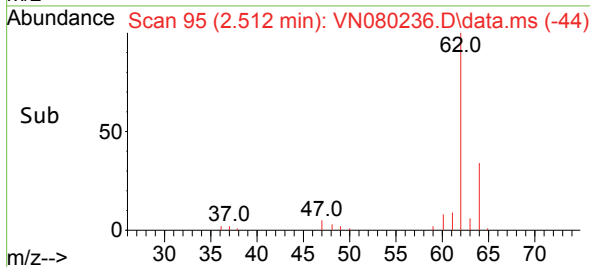
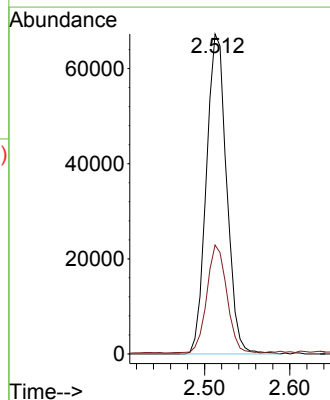
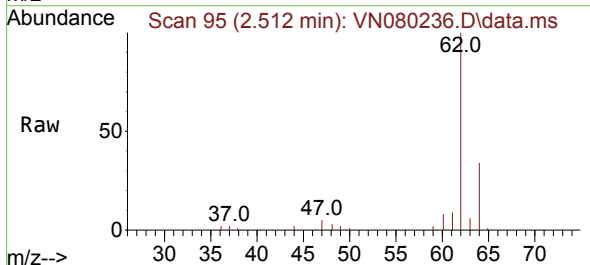
Instrument :  
MSVOA\_N  
ClientSampleId :

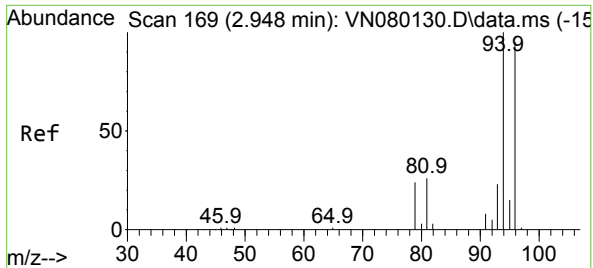
Tgt Ion: 50 Resp: 98714  
Ion Ratio Lower Upper  
50 100  
52 33.2 26.5 39.7



#4  
Vinyl Chloride  
Concen: 43.413 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 62 Resp: 111122  
Ion Ratio Lower Upper  
62 100  
64 33.6 26.2 39.2

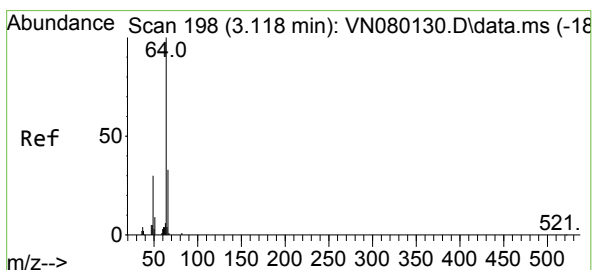
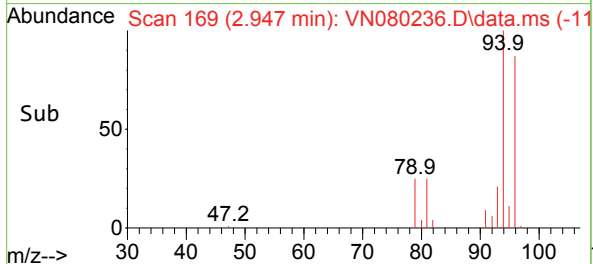
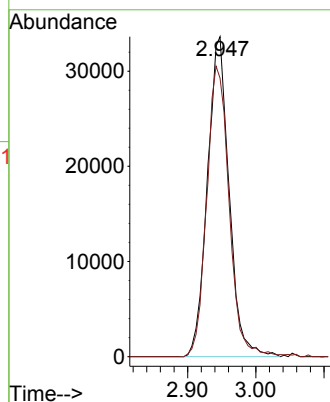
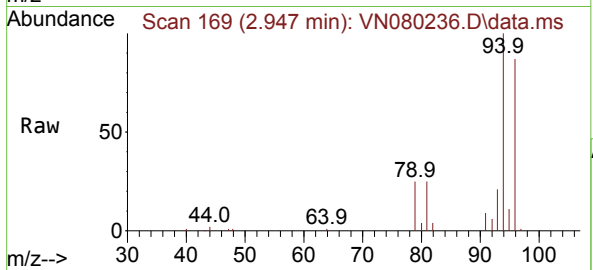




#5  
Bromomethane  
Concen: 42.807 ug/l  
RT: 2.947 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

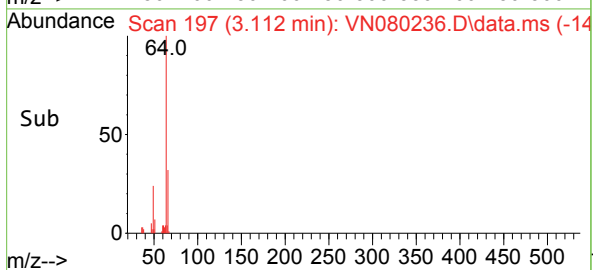
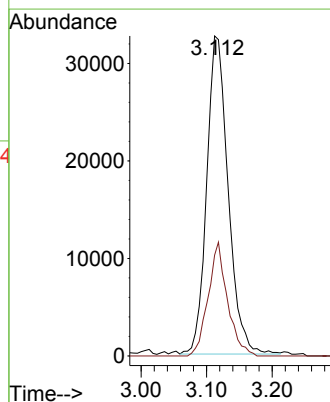
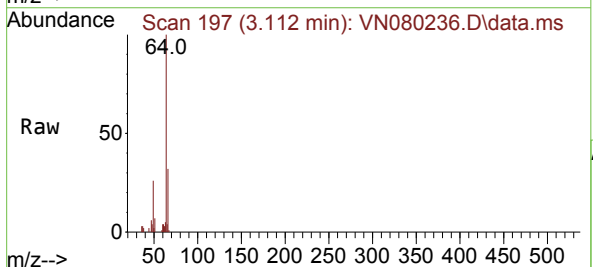
Instrument :  
MSVOA\_N  
ClientSampleId :

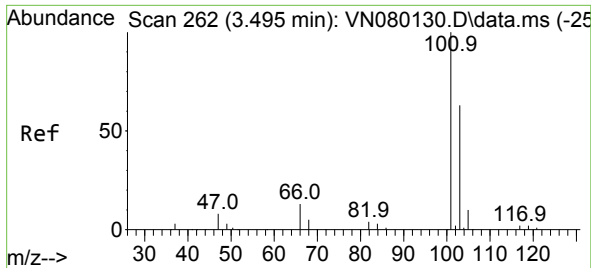
Tgt Ion: 94 Resp: 74383  
Ion Ratio Lower Upper  
94 100  
96 87.1 73.1 109.7



#6  
Chloroethane  
Concen: 46.785 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. -0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 64 Resp: 74285  
Ion Ratio Lower Upper  
64 100  
66 31.7 25.4 38.2

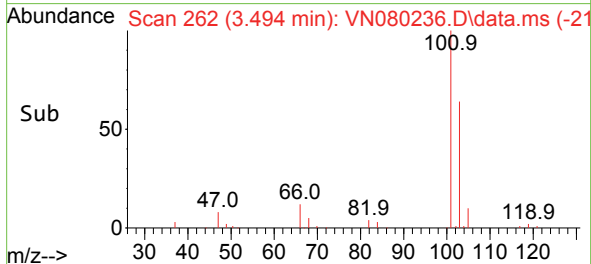
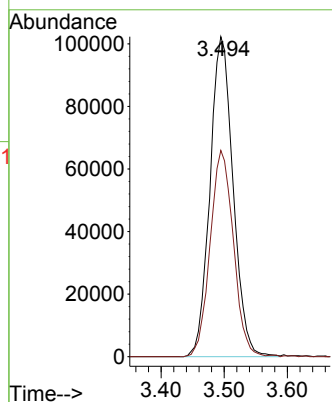
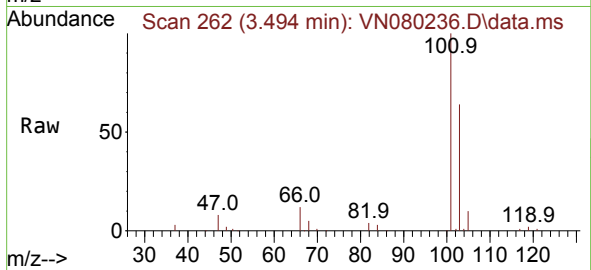




#7  
 Trichlorofluoromethane  
 Concen: 48.691 ug/l  
 RT: 3.494 min Scan# 262  
 Delta R.T. -0.000 min  
 Lab File: VN080236.D  
 Acq: 22 Nov 2023 10:11

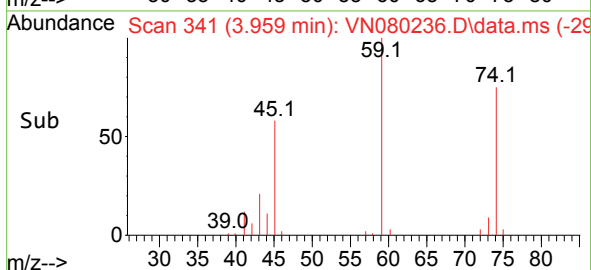
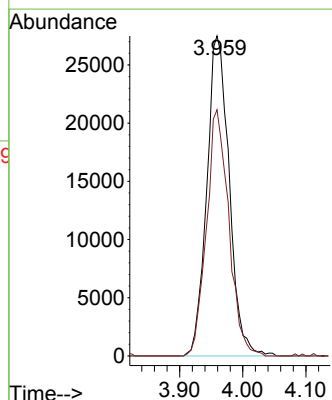
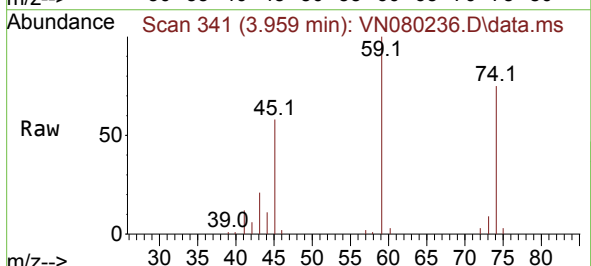
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:101 Resp: 259988  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 50.7 76.1



#8  
 Diethyl Ether  
 Concen: 43.659 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.000 min  
 Lab File: VN080236.D  
 Acq: 22 Nov 2023 10:11

Tgt Ion: 74 Resp: 67797  
 Ion Ratio Lower Upper  
 74 100  
 45 76.6 34.4 103.3

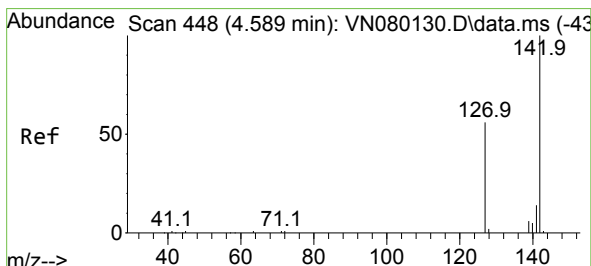
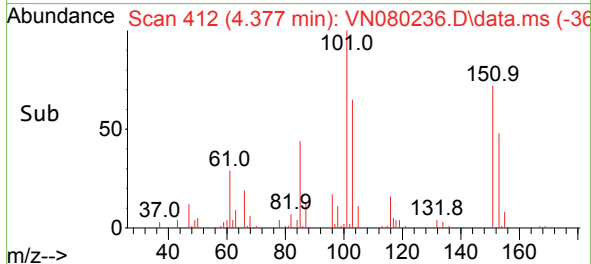
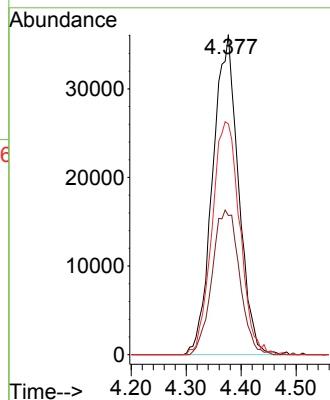
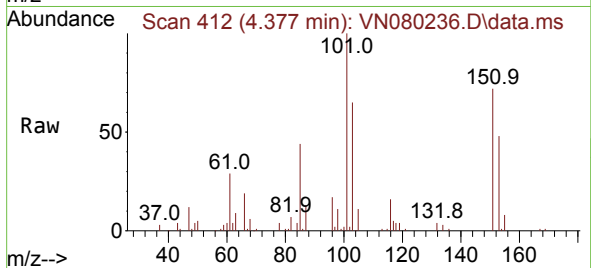




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.259 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

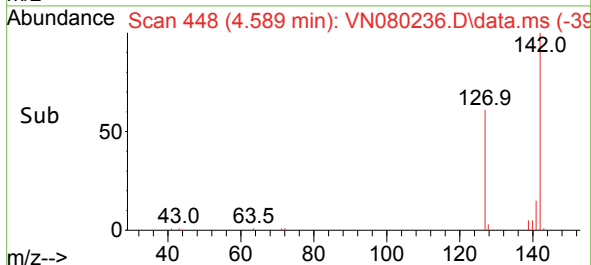
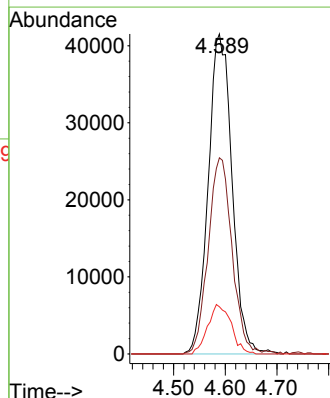
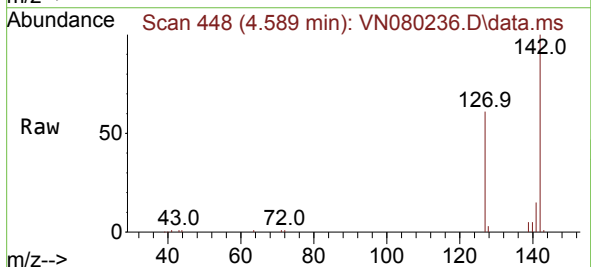
Instrument :  
MSVOA\_N  
ClientSampleId :

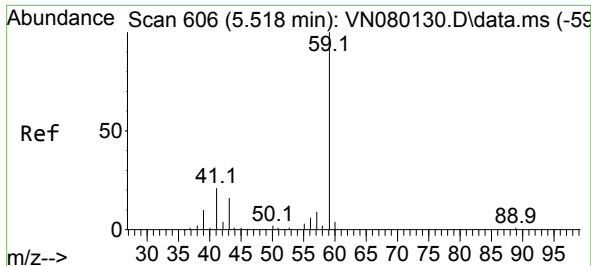
Tgt Ion:101 Resp: 117777  
Ion Ratio Lower Upper  
101 100  
85 48.1 36.6 55.0  
151 78.4 57.6 86.4



#10  
Methyl Iodide  
Concen: 50.447 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion:142 Resp: 133056  
Ion Ratio Lower Upper  
142 100  
127 61.3 37.6 56.4#  
141 14.7 11.4 17.0

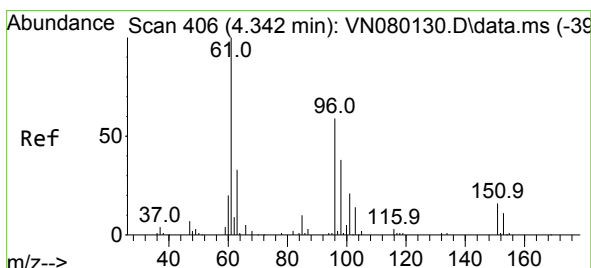
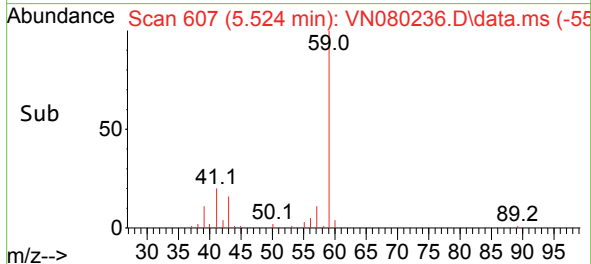
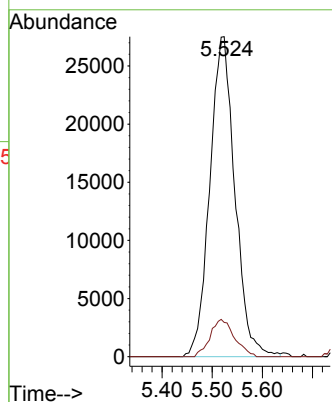
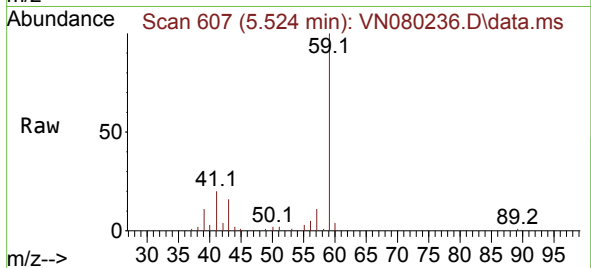




#11  
Tert butyl alcohol  
Concen: 244.079 ug/l  
RT: 5.524 min Scan# 606  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

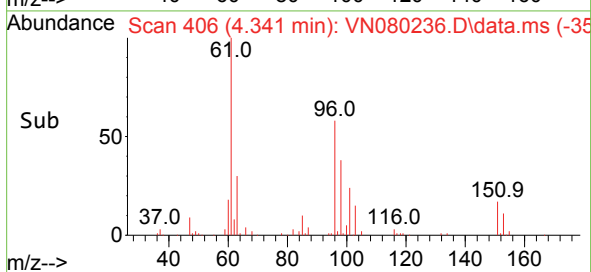
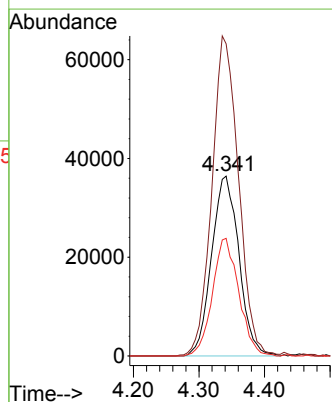
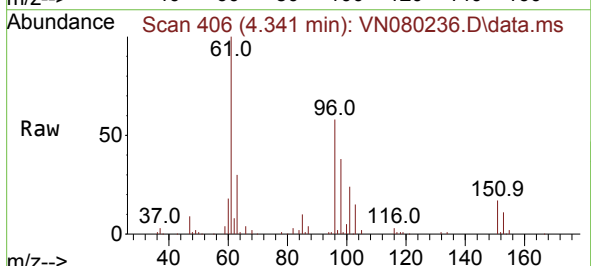
Instrument :  
MSVOA\_N  
ClientSampleId :

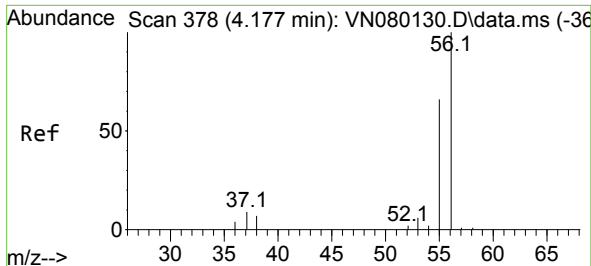
Tgt Ion: 59 Resp: 95717  
Ion Ratio Lower Upper  
59 100  
57 11.3 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 46.219 ug/l  
RT: 4.341 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 96 Resp: 105504  
Ion Ratio Lower Upper  
96 100  
61 173.2 112.7 169.1#  
98 65.4 51.2 76.8





#13

Acrolein

Concen: 240.802 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA\_N

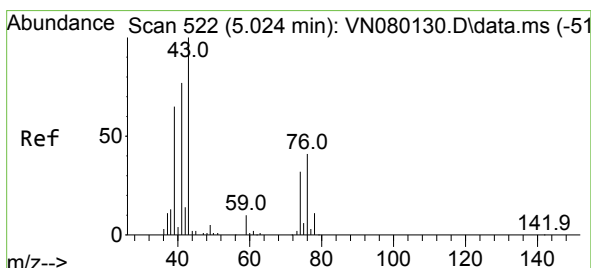
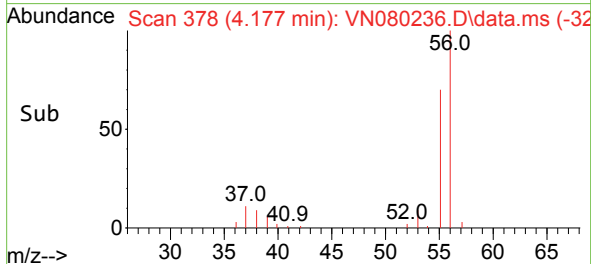
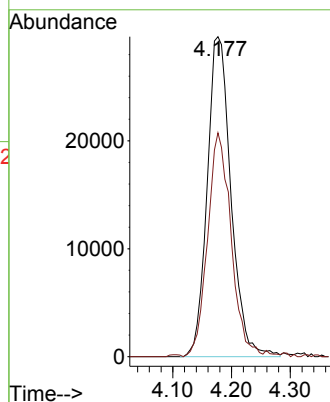
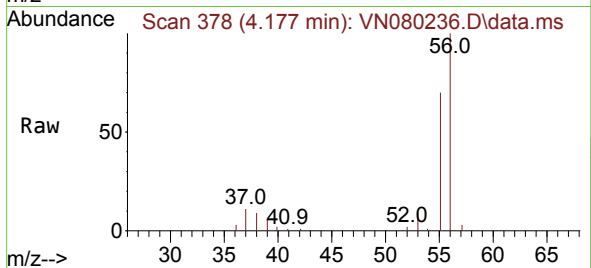
ClientSampleId :

Tgt Ion: 56 Resp: 83571

Ion Ratio Lower Upper

56 100

55 68.7 54.5 81.7



#14

Allyl chloride

Concen: 42.572 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

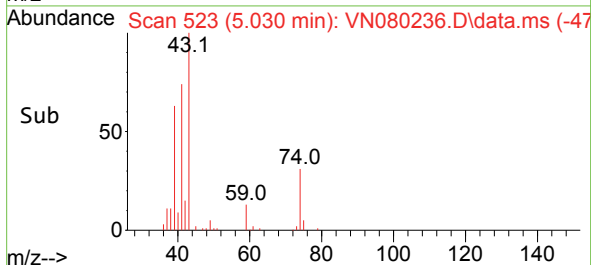
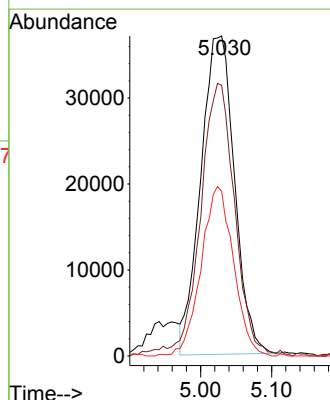
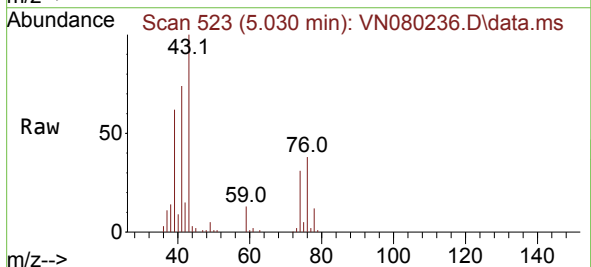
Tgt Ion: 41 Resp: 122265

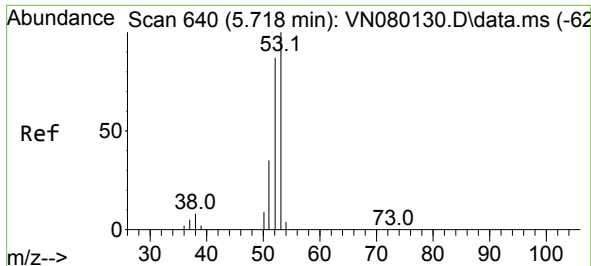
Ion Ratio Lower Upper

41 100

39 87.4 58.8 88.2

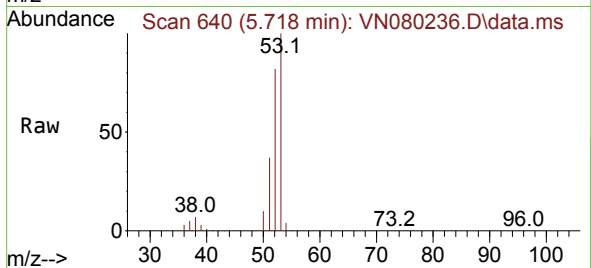
76 51.2 39.1 58.7



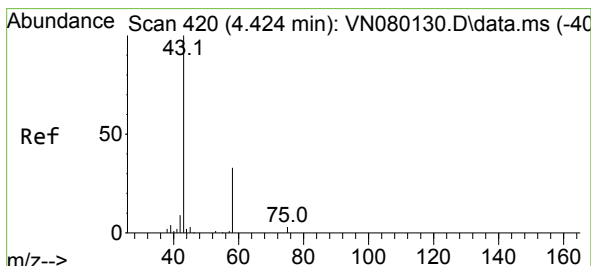
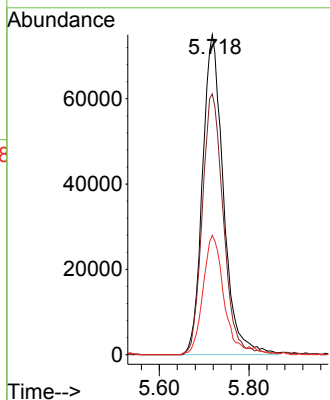
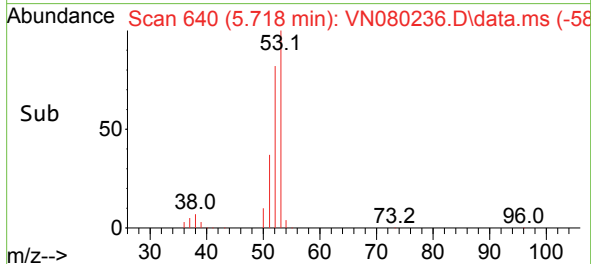


#15  
Acrylonitrile  
Concen: 231.280 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Instrument :  
MSVOA\_N  
ClientSampleId :

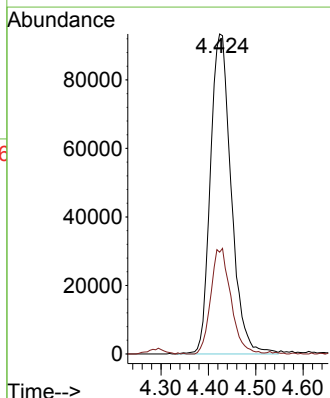
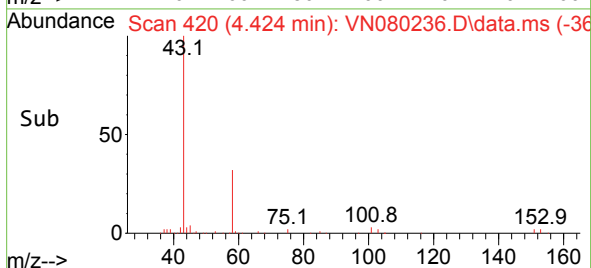
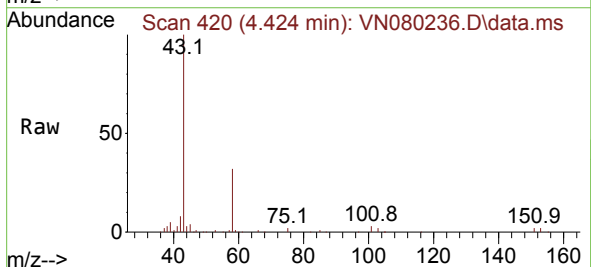


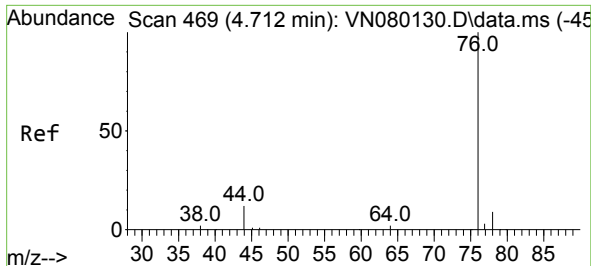
Tgt Ion: 53 Resp: 243481  
Ion Ratio Lower Upper  
53 100  
52 81.9 65.3 97.9  
51 36.6 28.9 43.3



#16  
Acetone  
Concen: 237.983 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 43 Resp: 285045  
Ion Ratio Lower Upper  
43 100  
58 31.4 28.0 42.0

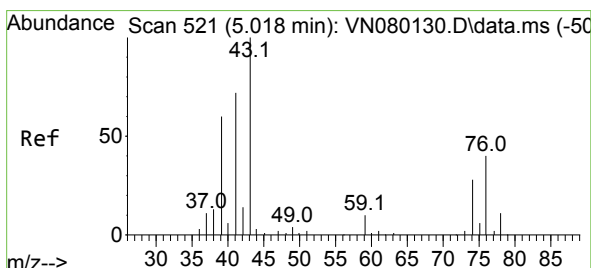
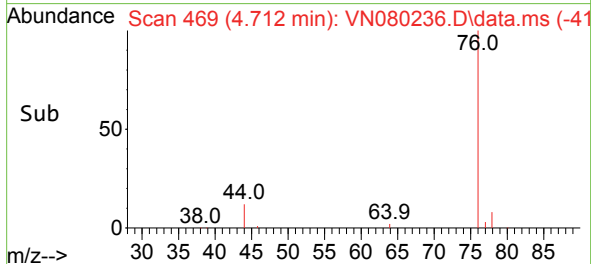
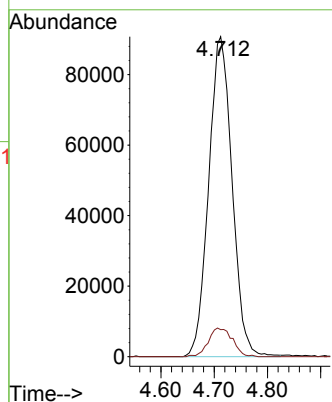
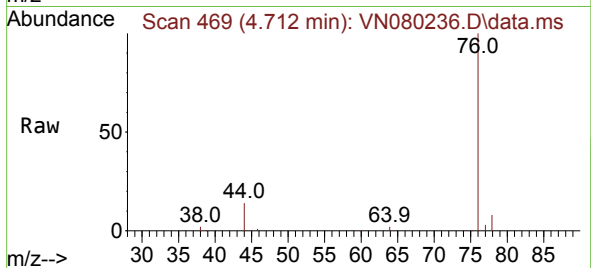




#17  
Carbon Disulfide  
Concen: 40.609 ug/l  
RT: 4.712 min Scan# 407  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

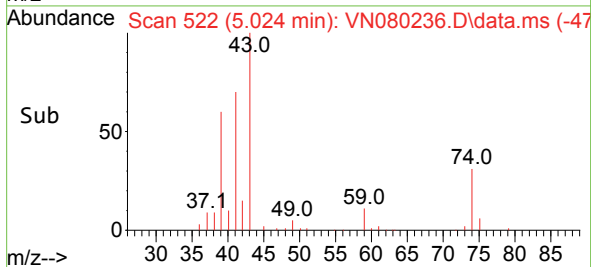
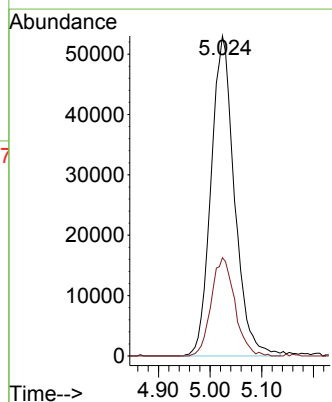
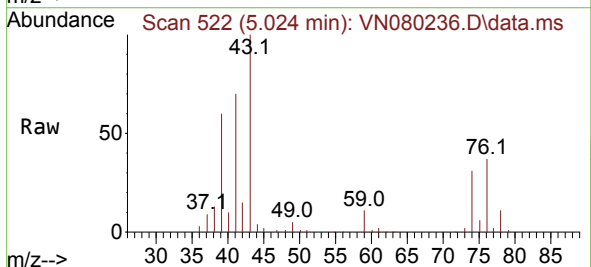
Instrument :  
MSVOA\_N  
ClientSampleId :

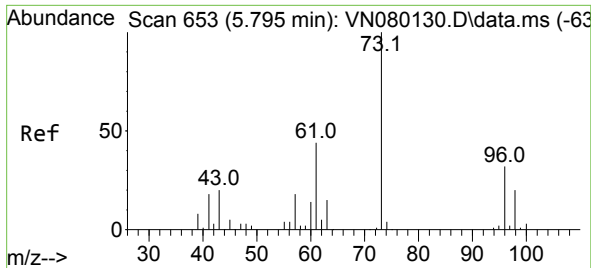
Tgt Ion: 76 Resp: 276783  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 43.428 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 43 Resp: 167128  
Ion Ratio Lower Upper  
43 100  
74 30.8 26.2 39.4

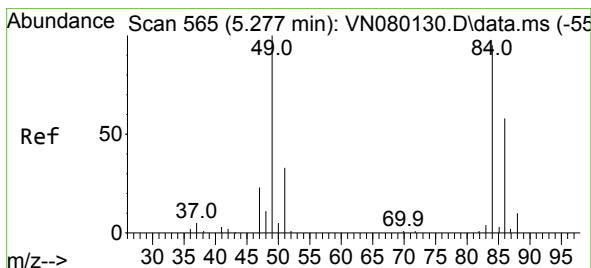
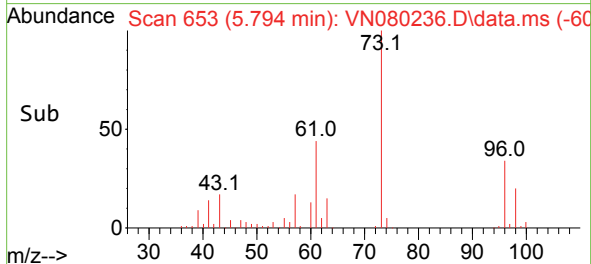
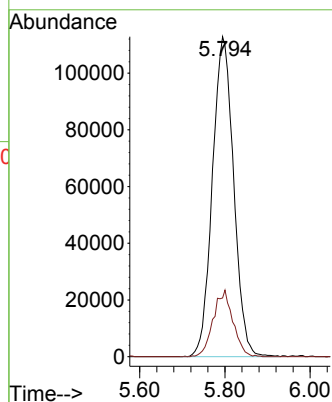
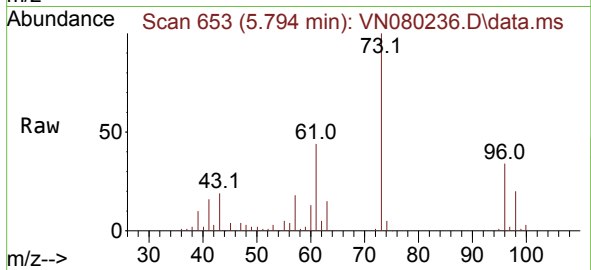




#19  
Methyl tert-butyl Ether  
Concen: 48.412 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

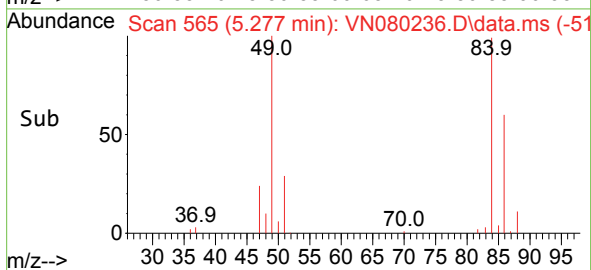
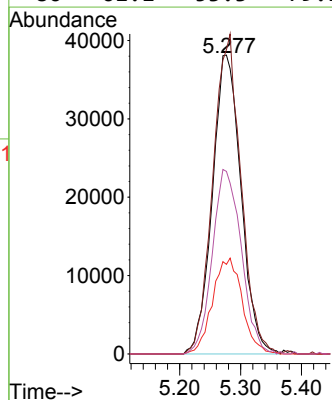
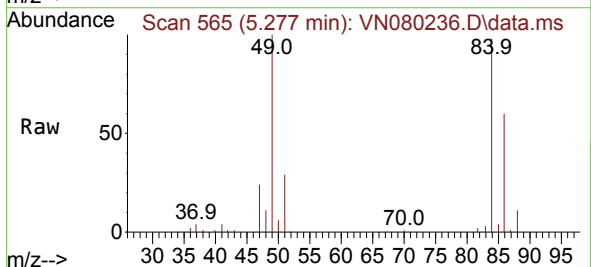
Instrument :  
MSVOA\_N  
ClientSampleId :

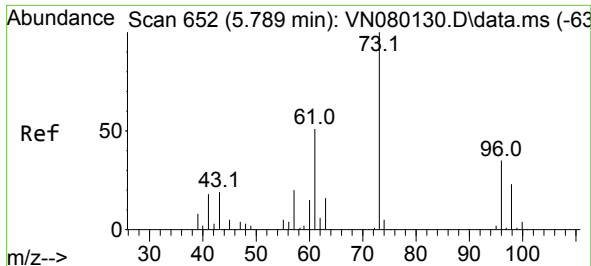
Tgt Ion: 73 Resp: 390263  
Ion Ratio Lower Upper  
73 100  
57 18.4 15.6 23.4



#20  
Methylene Chloride  
Concen: 49.673 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

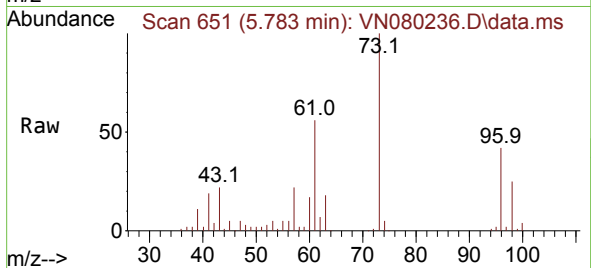
Tgt Ion: 84 Resp: 124594  
Ion Ratio Lower Upper  
84 100  
49 101.8 79.7 119.5  
51 30.0 25.2 37.8  
86 61.1 53.3 79.9



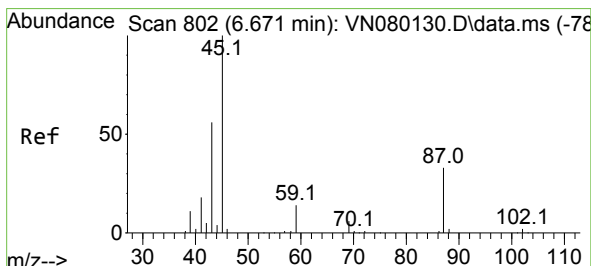
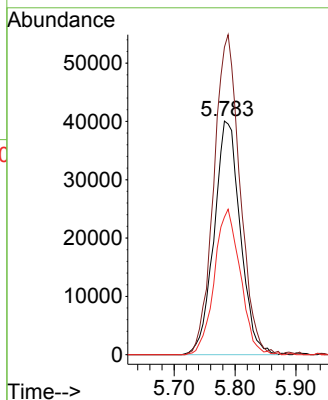
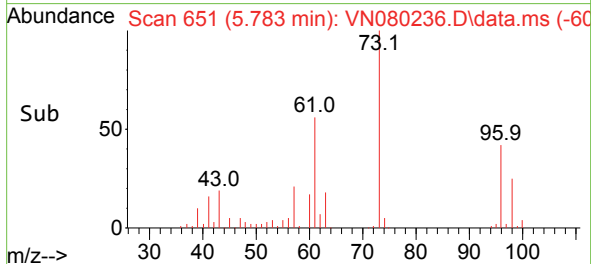


#21  
trans-1,2-Dichloroethene  
Concen: 47.836 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

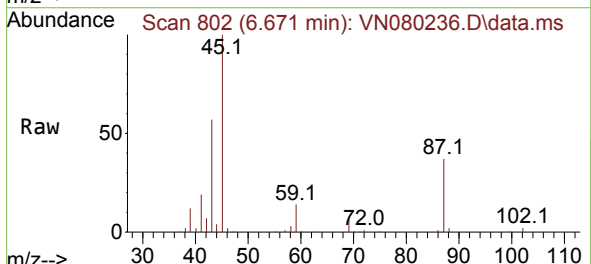
Instrument :  
MSVOA\_N  
ClientSampleId :



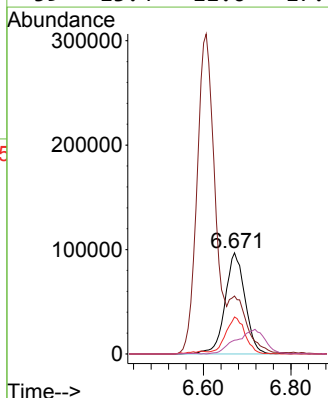
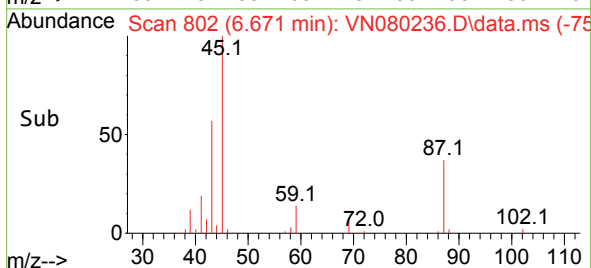
Tgt Ion: 96 Resp: 119960  
Ion Ratio Lower Upper  
96 100  
61 131.6 90.1 135.1  
98 58.9 46.4 69.6

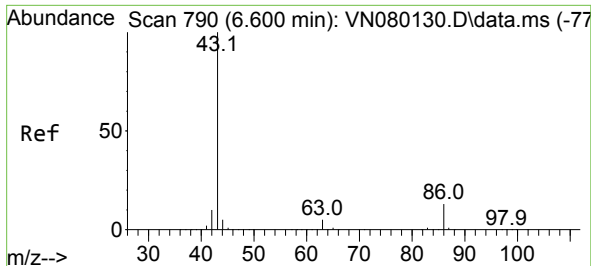


#22  
Diisopropyl ether  
Concen: 48.283 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11



Tgt Ion: 45 Resp: 306794  
Ion Ratio Lower Upper  
45 100  
43 56.6 45.5 68.3  
87 36.3 31.8 47.8  
59 13.4 11.6 17.4

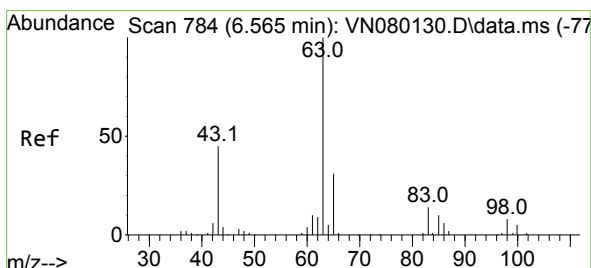
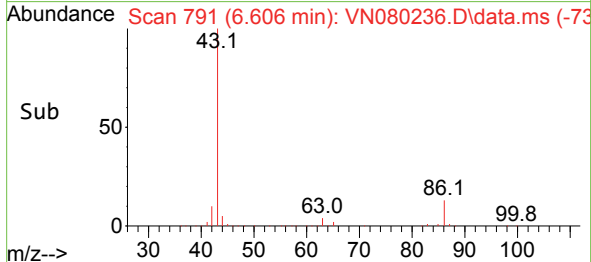
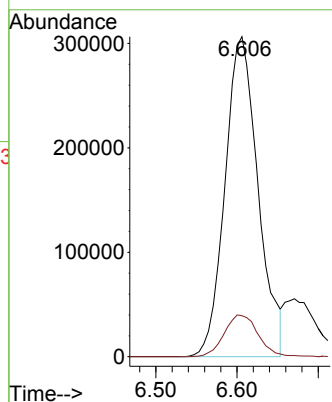
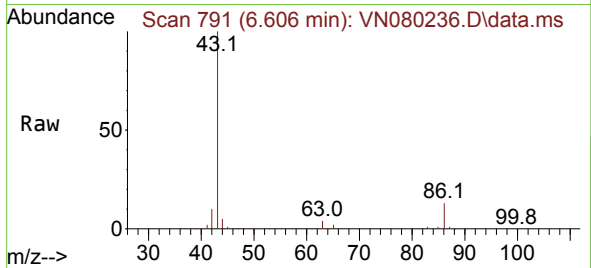




#23  
 Vinyl Acetate  
 Concen: 227.202 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN080236.D  
 Acq: 22 Nov 2023 10:11

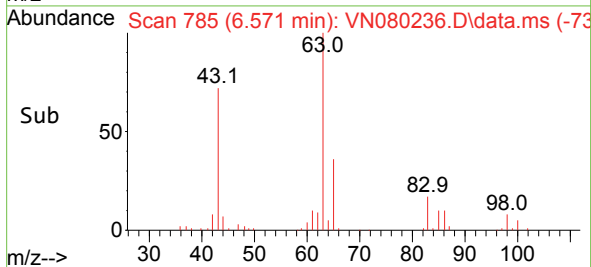
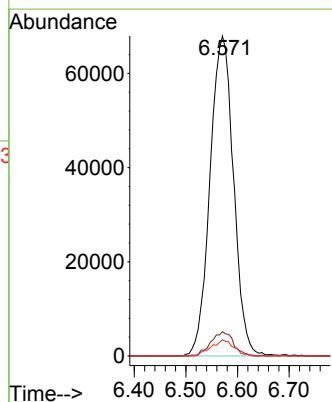
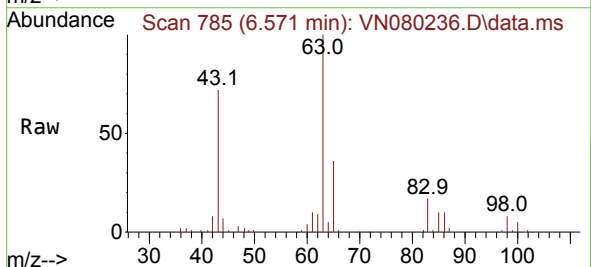
Instrument :  
 MSVOA\_N  
 ClientSampleId :

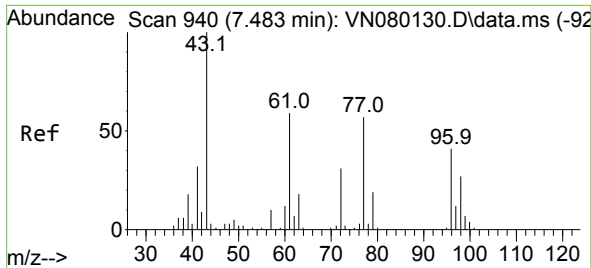
Tgt Ion: 43 Resp: 867904  
 Ion Ratio Lower Upper  
 43 100  
 86 12.8 13.0 19.6#



#24  
 1,1-Dichloroethane  
 Concen: 46.360 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN080236.D  
 Acq: 22 Nov 2023 10:11

Tgt Ion: 63 Resp: 214547  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.9 11.7  
 100 5.0 2.5 7.4

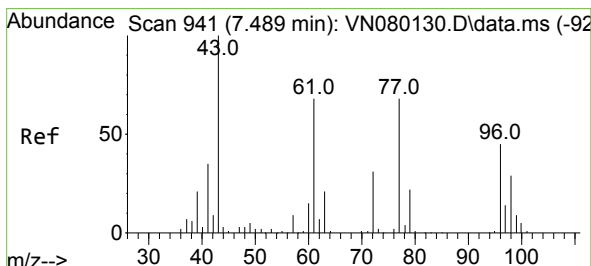
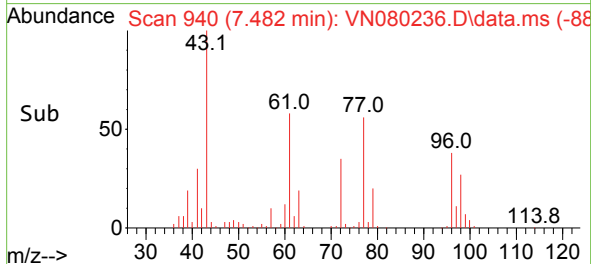
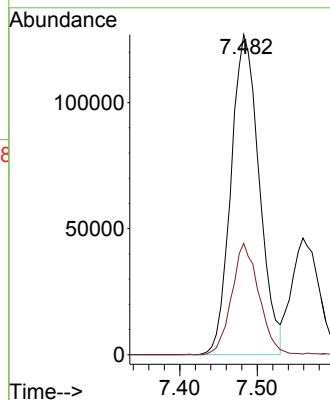
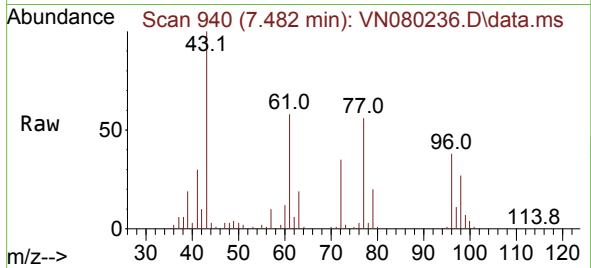




#25  
2-Butanone  
Concen: 226.743 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

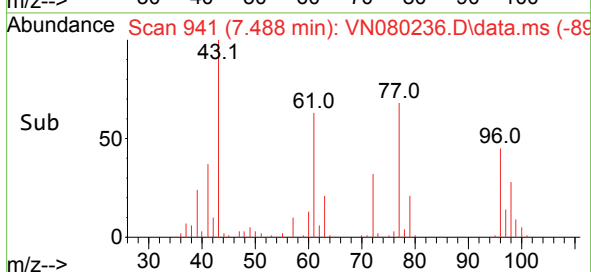
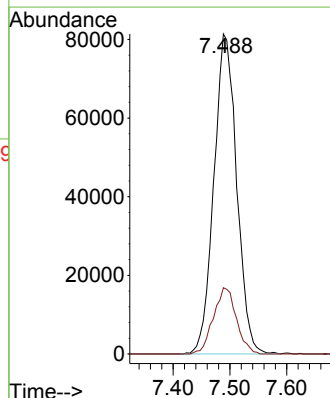
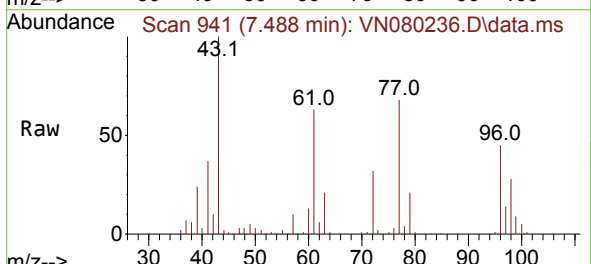
Instrument :  
MSVOA\_N  
ClientSampleId :

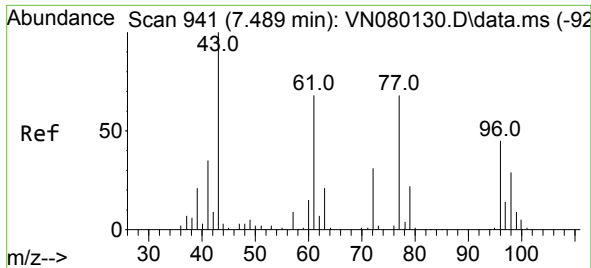
Tgt Ion: 43 Resp: 322672  
Ion Ratio Lower Upper  
43 100  
72 34.8 30.2 45.2



#26  
2,2-Dichloropropane  
Concen: 49.360 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

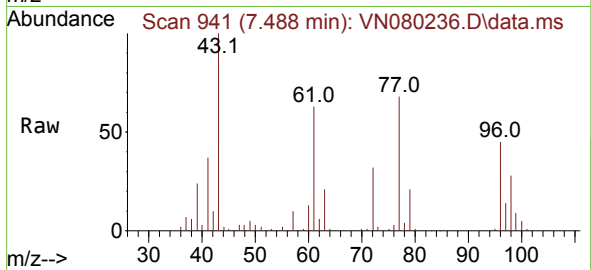
Tgt Ion: 77 Resp: 226631  
Ion Ratio Lower Upper  
77 100  
97 20.8 11.2 33.6



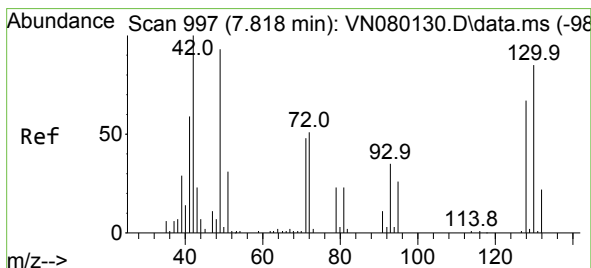
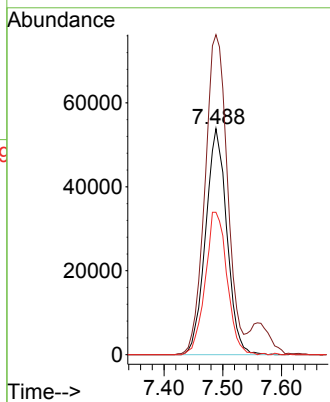
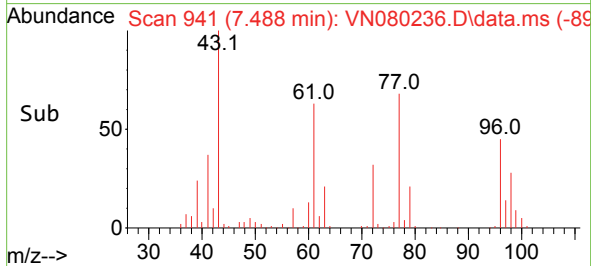


#27  
cis-1,2-Dichloroethene  
Concen: 47.722 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Instrument :  
MSVOA\_N  
ClientSampleId :

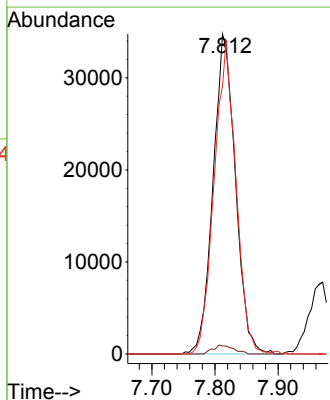
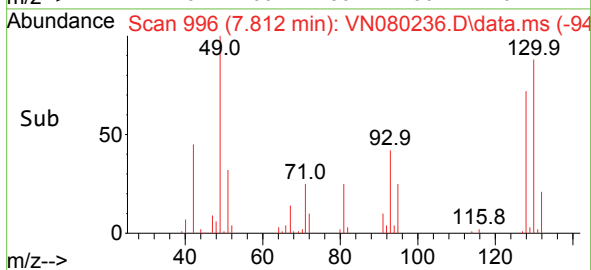
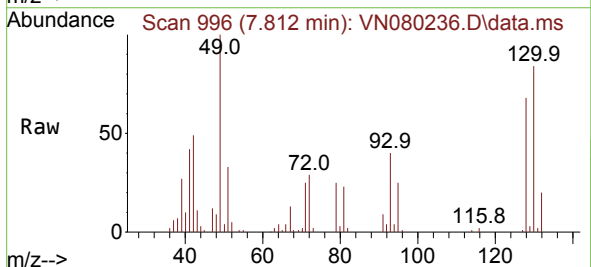


Tgt Ion: 96 Resp: 135679  
Ion Ratio Lower Upper  
96 100  
61 148.7 0.0 255.2  
98 64.6 0.0 128.8



#28  
Bromochloromethane  
Concen: 46.857 ug/l  
RT: 7.812 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 49 Resp: 85250  
Ion Ratio Lower Upper  
49 100  
129 2.6 0.0 4.8  
130 95.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 235.702 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA\_N

ClientSampleId :

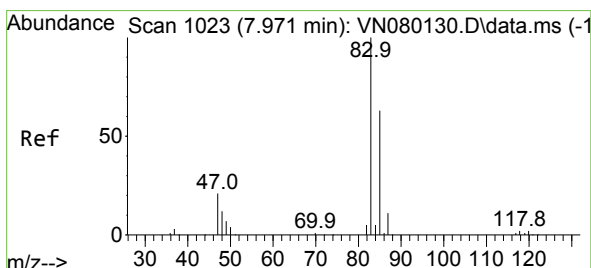
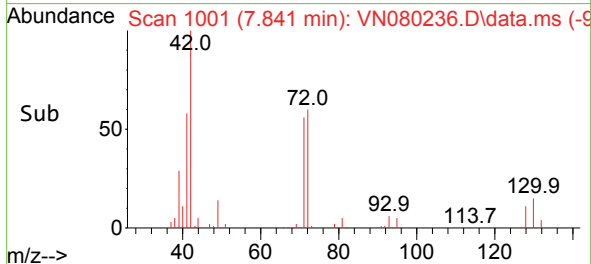
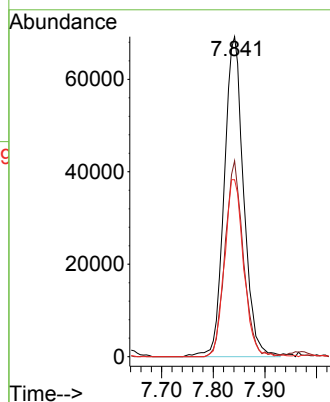
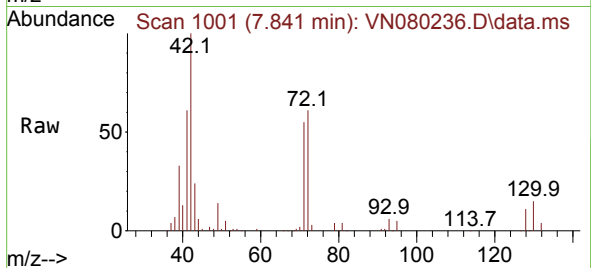
Tgt Ion: 42 Resp: 180079

Ion Ratio Lower Upper

42 100

72 57.5 49.8 74.6

71 54.5 47.4 71.2



#30

Chloroform

Concen: 50.552 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN080236.D

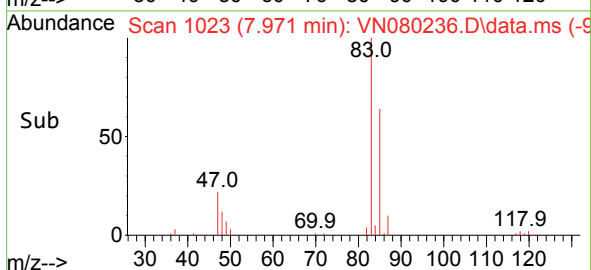
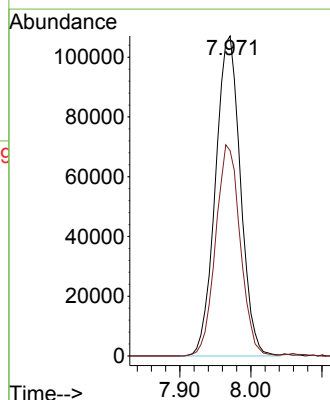
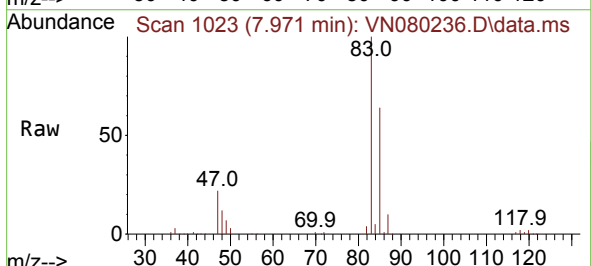
Acq: 22 Nov 2023 10:11

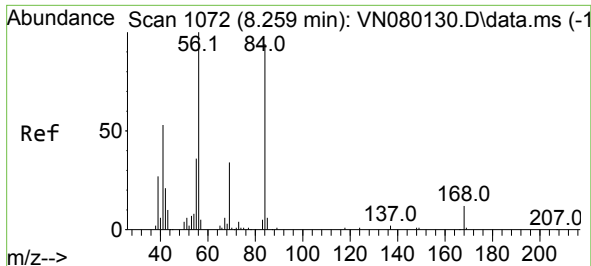
Tgt Ion: 83 Resp: 261489

Ion Ratio Lower Upper

83 100

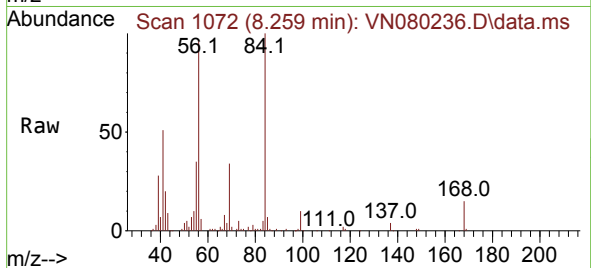
85 64.2 55.4 83.0



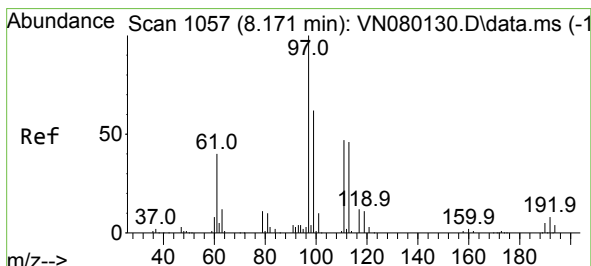
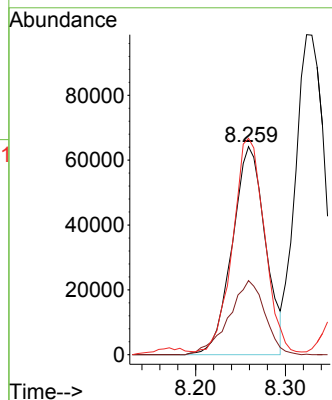
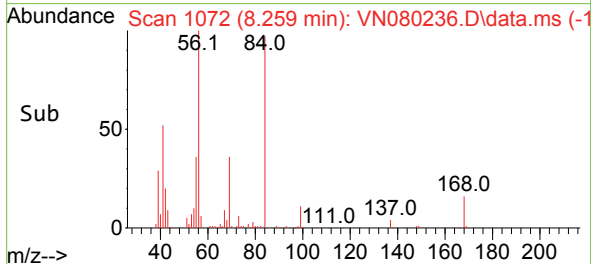


#31  
Cyclohexane  
Concen: 42.409 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Instrument :  
MSVOA\_N  
ClientSampleId :

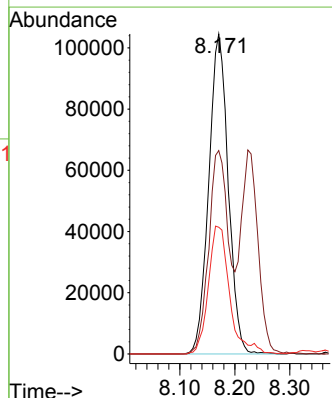
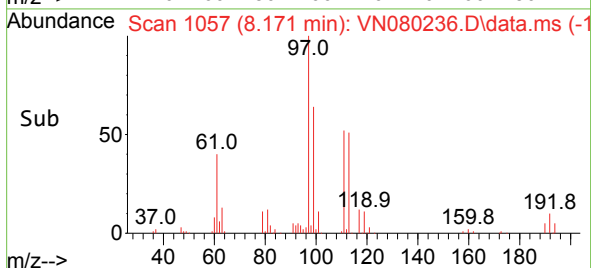
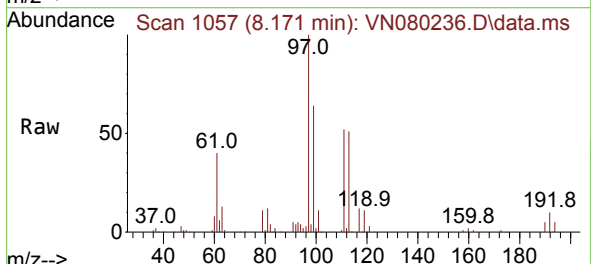


Tgt Ion: 56 Resp: 164468  
Ion Ratio Lower Upper  
56 100  
69 35.6 26.8 40.2  
84 100.7 81.8 122.6



#32  
1,1,1-Trichloroethane  
Concen: 51.044 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 97 Resp: 257486  
Ion Ratio Lower Upper  
97 100  
99 65.2 50.3 75.5  
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.421 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA\_N

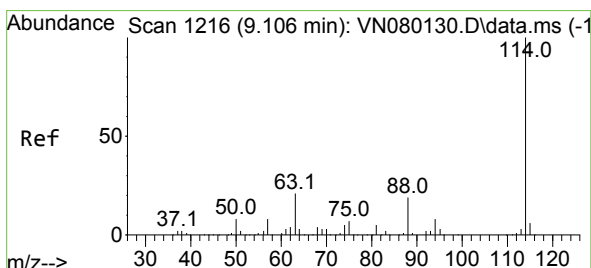
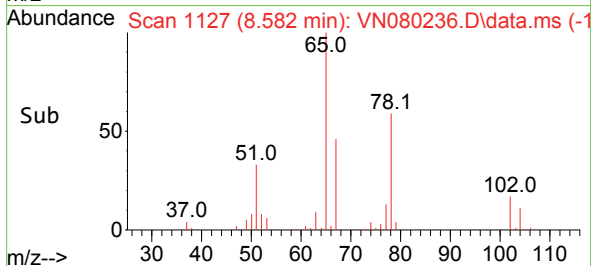
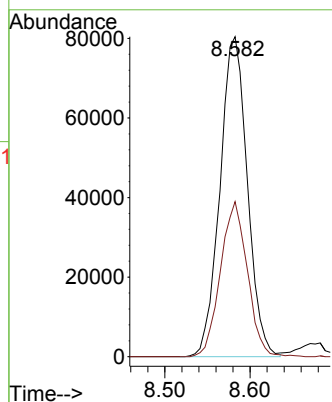
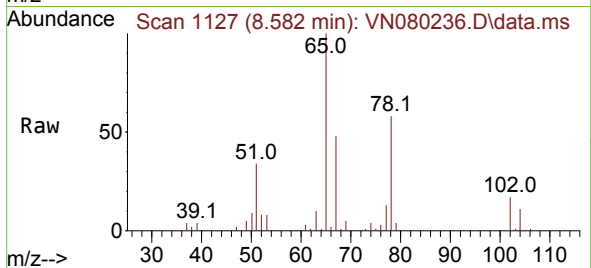
ClientSampleId :

Tgt Ion: 65 Resp: 179804

Ion Ratio Lower Upper

65 100

67 47.6 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: VN080236.D

Acq: 22 Nov 2023 10:11

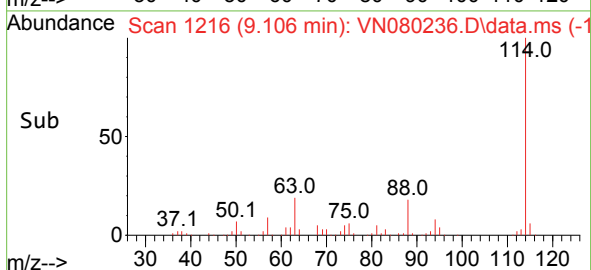
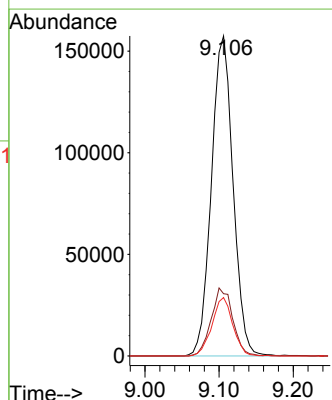
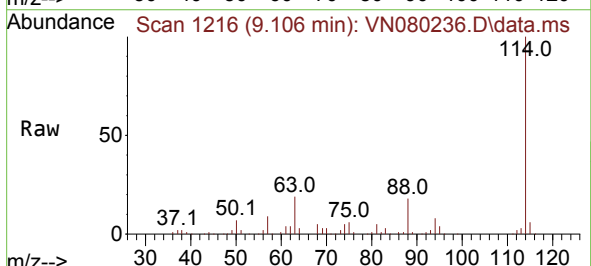
Tgt Ion: 114 Resp: 319310

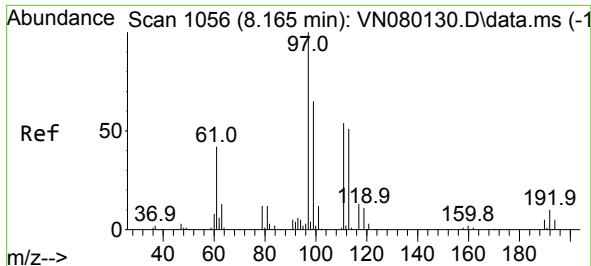
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 18.3 0.0 30.6

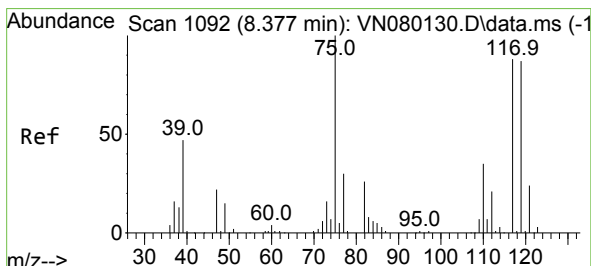
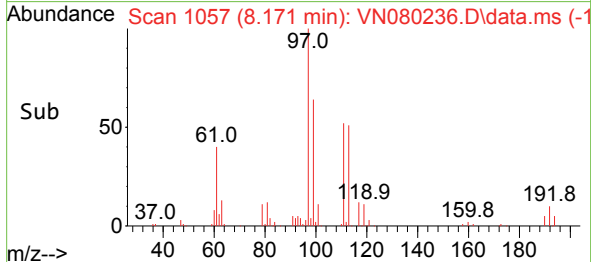
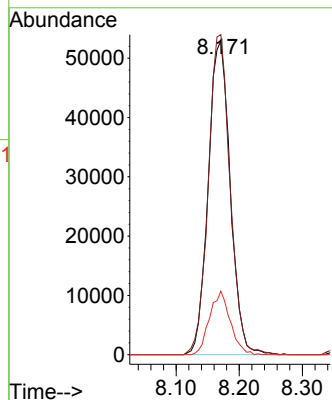
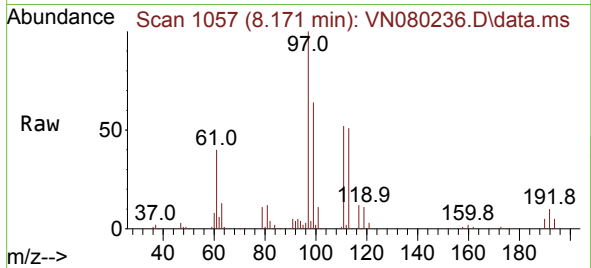




#35  
Dibromofluoromethane  
Concen: 54.382 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

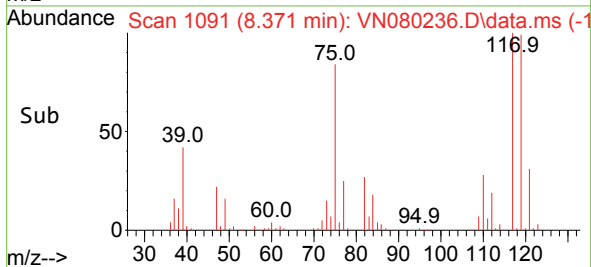
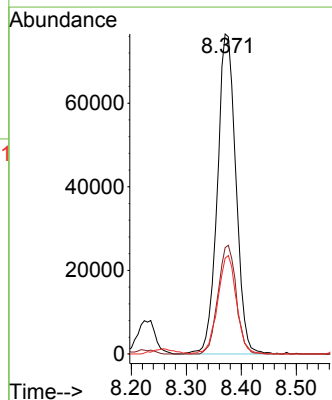
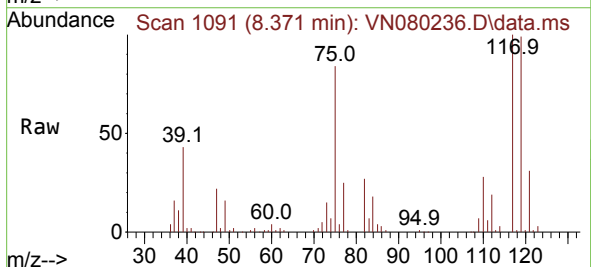
Instrument :  
MSVOA\_N  
ClientSampleId :

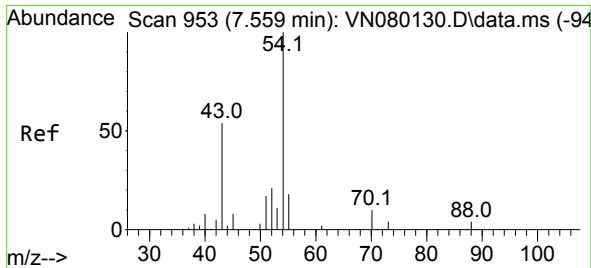
Tgt Ion:113 Resp: 128129  
Ion Ratio Lower Upper  
113 100  
111 101.1 82.6 123.8  
192 19.0 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 52.577 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 75 Resp: 179350  
Ion Ratio Lower Upper  
75 100  
110 33.4 19.1 57.3  
77 31.1 25.0 37.4

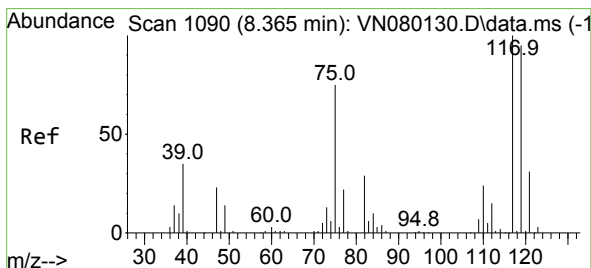
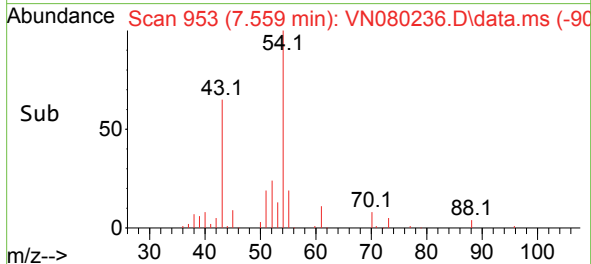
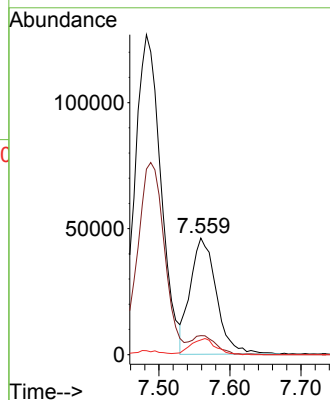
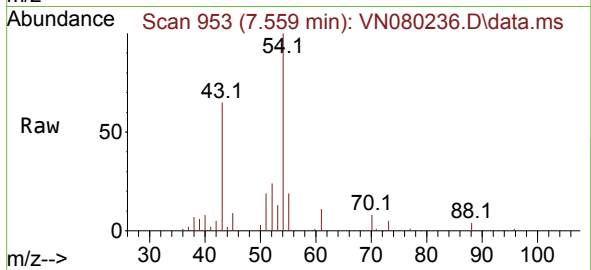




#37  
Ethyl Acetate  
Concen: 49.619 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

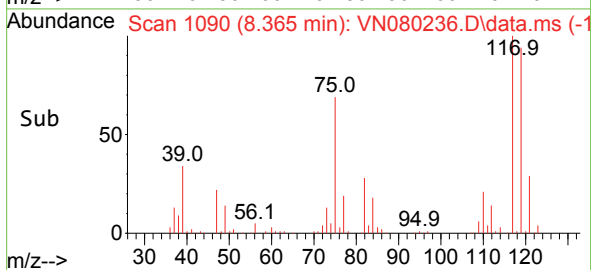
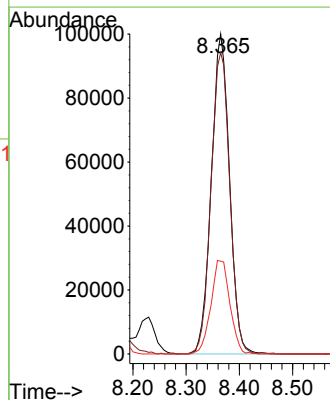
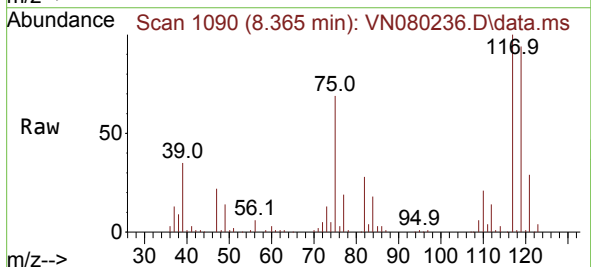
Instrument :  
MSVOA\_N  
ClientSampleId :

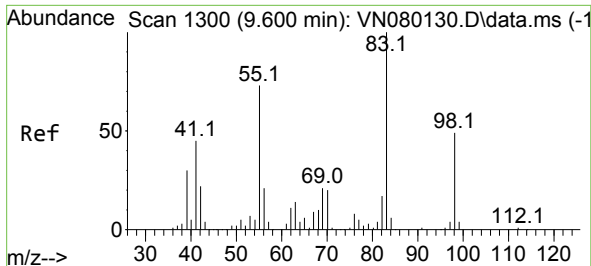
Tgt Ion: 43 Resp: 117403  
Ion Ratio Lower Upper  
43 100  
61 14.2 13.2 19.8  
70 13.4 11.3 16.9



#38  
Carbon Tetrachloride  
Concen: 54.895 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 117 Resp: 237626  
Ion Ratio Lower Upper  
117 100  
119 94.2 77.3 115.9  
121 29.0 23.3 34.9

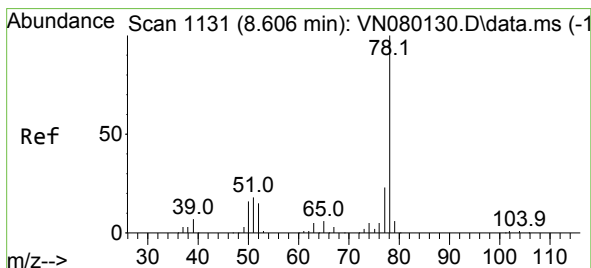
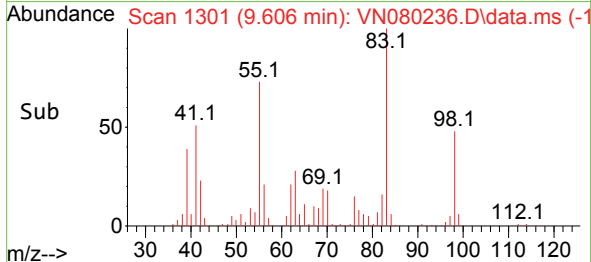
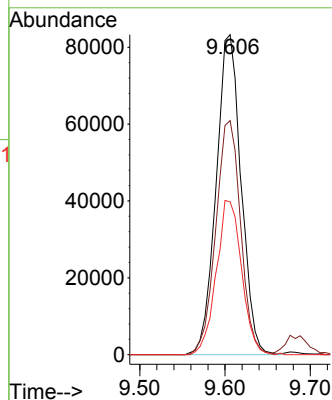
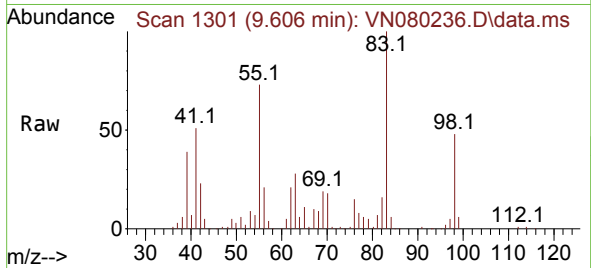




#39  
Methylcyclohexane  
Concen: 51.473 ug/l  
RT: 9.606 min Scan# 1130  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

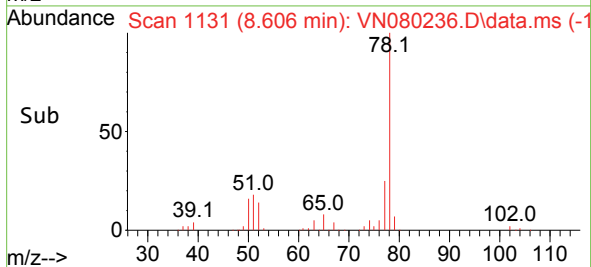
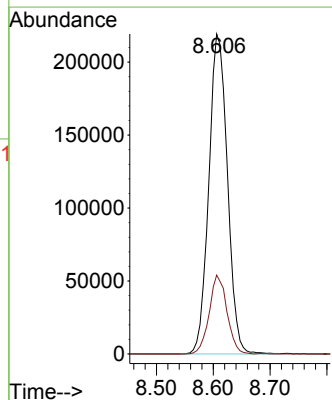
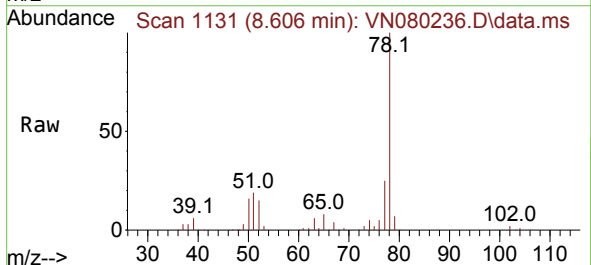
Instrument :  
MSVOA\_N  
ClientSampleId :

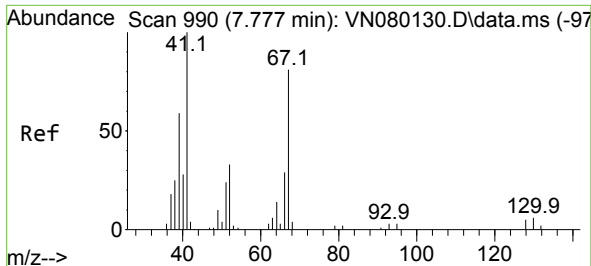
Tgt Ion: 83 Resp: 169298  
Ion Ratio Lower Upper  
83 100  
55 73.1 49.1 73.7  
98 47.7 40.6 61.0



#40  
Benzene  
Concen: 51.356 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 78 Resp: 497893  
Ion Ratio Lower Upper  
78 100  
77 24.6 19.0 28.6

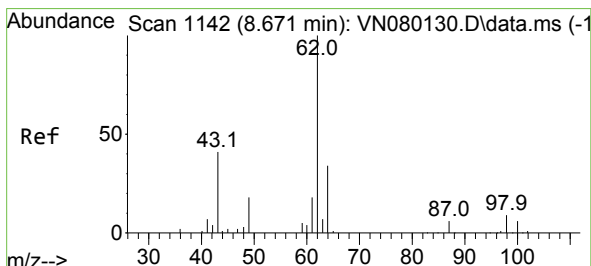
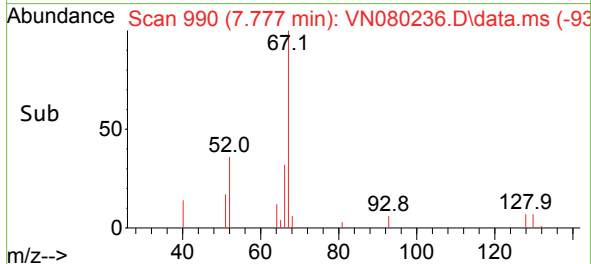
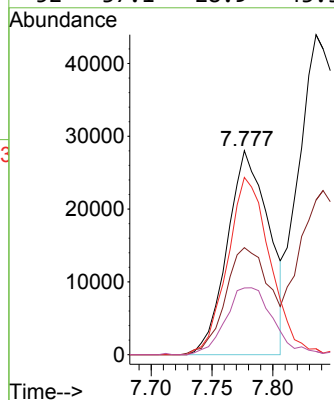
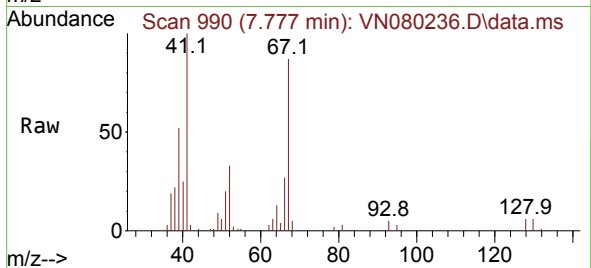




#41  
Methacrylonitrile  
Concen: 51.365 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

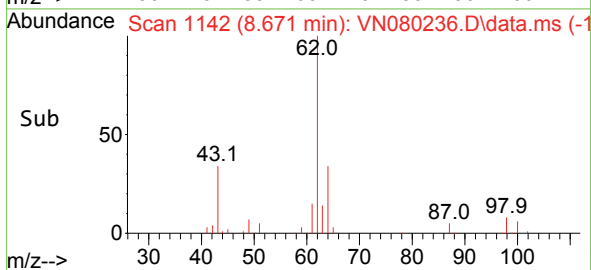
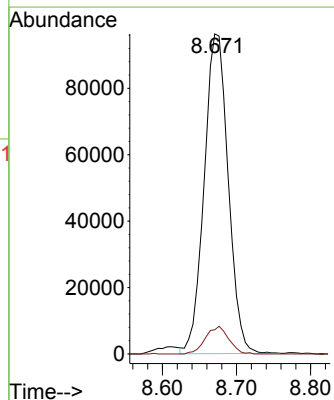
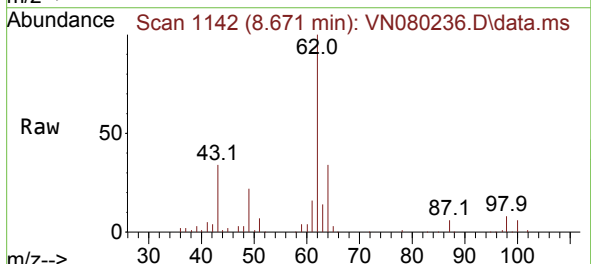
Instrument :  
MSVOA\_N  
ClientSampleId :

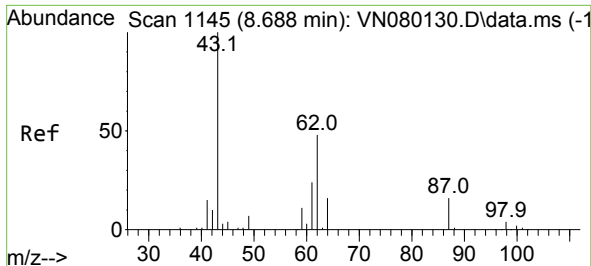
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 66743 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.0  | 42.6  | 64.0  |
| 67       | 89.6  | 77.5  | 116.3 |
| 52       | 37.1  | 28.9  | 43.3  |



#42  
1,2-Dichloroethane  
Concen: 54.674 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 216858 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.3   | 0.0   | 19.8   |

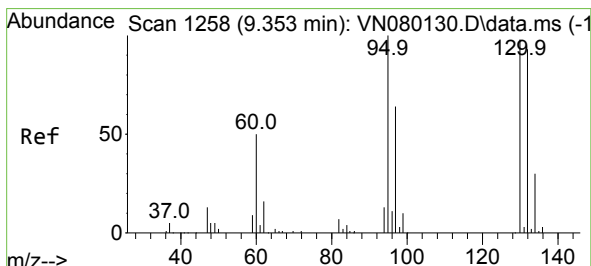
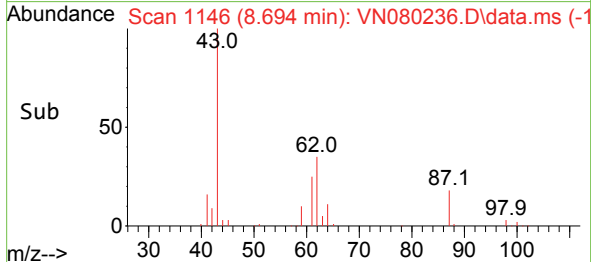
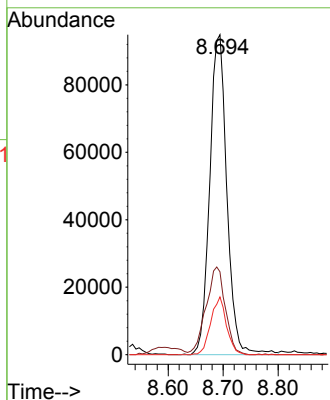
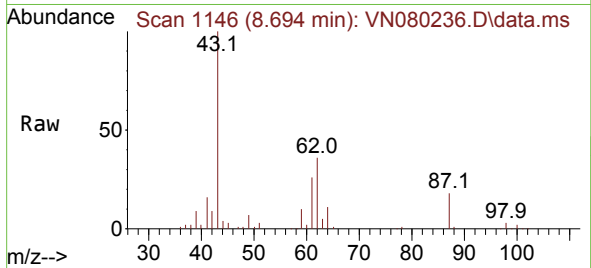




#43  
Isopropyl Acetate  
Concen: 44.691 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

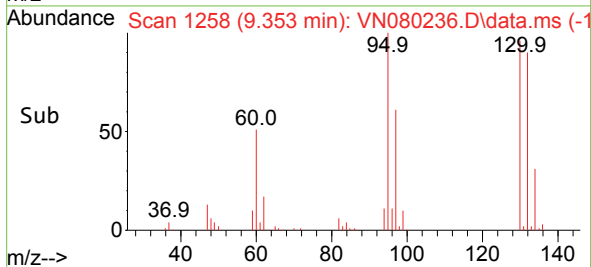
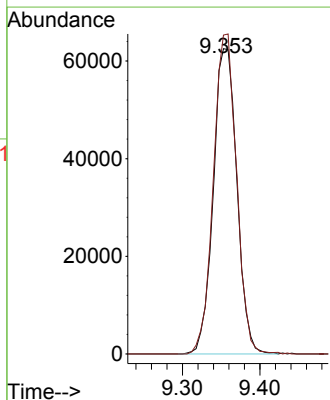
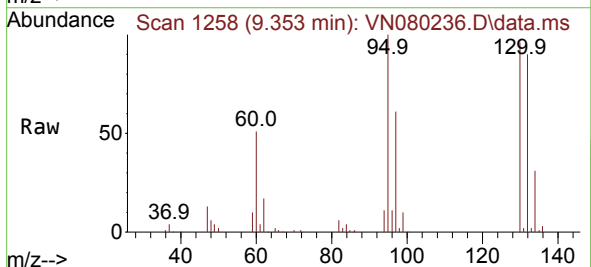
Instrument :  
MSVOA\_N  
ClientSampleId :

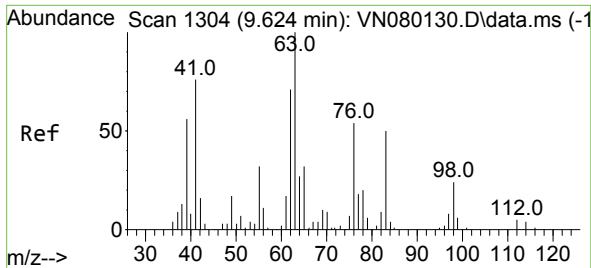
Tgt Ion: 43 Resp: 205776  
Ion Ratio Lower Upper  
43 100  
61 30.8 24.7 37.1  
87 16.5 14.6 21.8



#44  
Trichloroethene  
Concen: 52.037 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion:130 Resp: 132334  
Ion Ratio Lower Upper  
130 100  
95 104.5 0.0 204.6

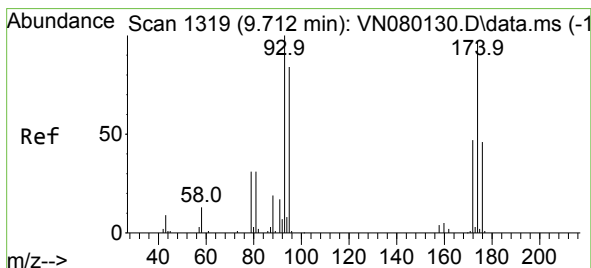
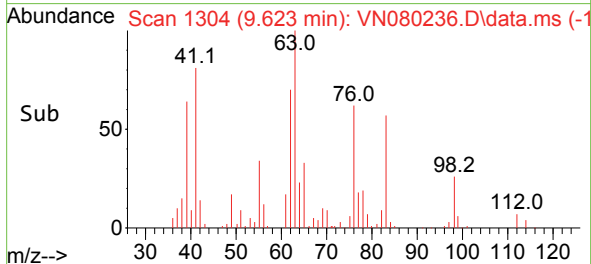
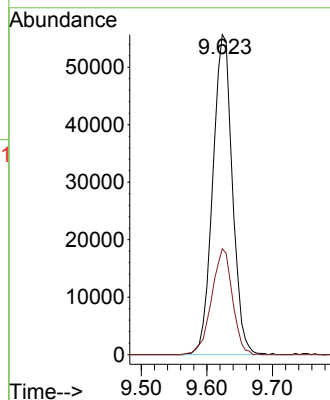
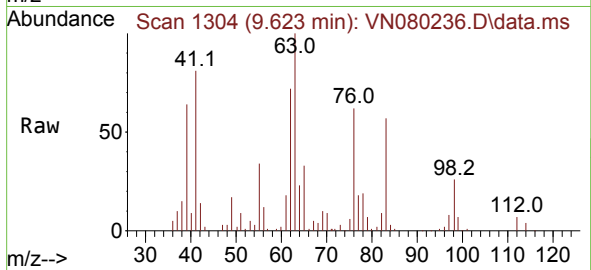




#45  
1,2-Dichloropropane  
Concen: 51.282 ug/l  
RT: 9.623 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

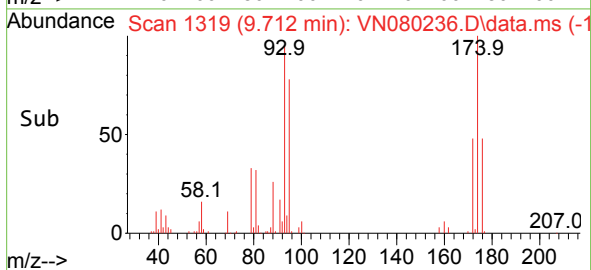
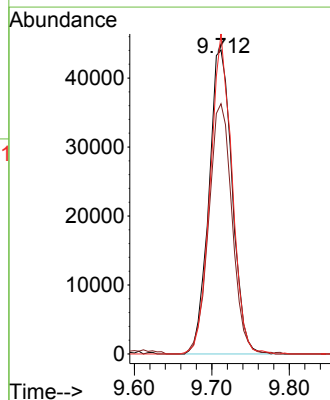
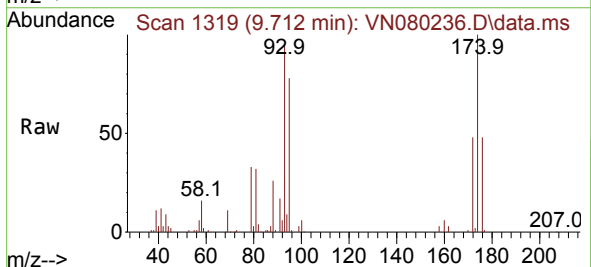
Instrument :  
MSVOA\_N  
ClientSampleId :

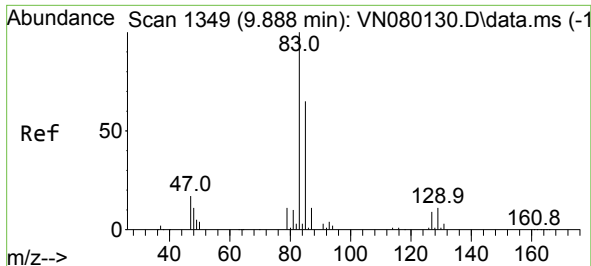
Tgt Ion: 63 Resp: 115539  
Ion Ratio Lower Upper  
63 100  
65 33.1 23.9 35.9



#46  
Dibromomethane  
Concen: 53.927 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 93 Resp: 91970  
Ion Ratio Lower Upper  
93 100  
95 82.4 63.8 95.8  
174 98.0 65.6 98.4

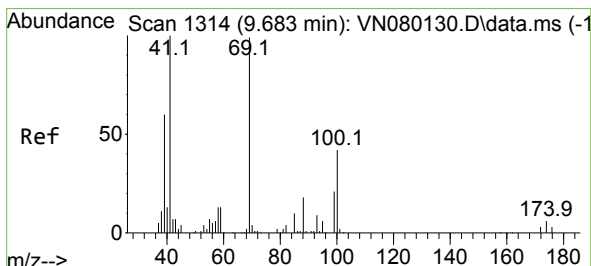
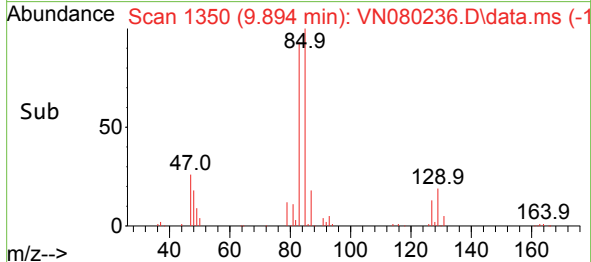
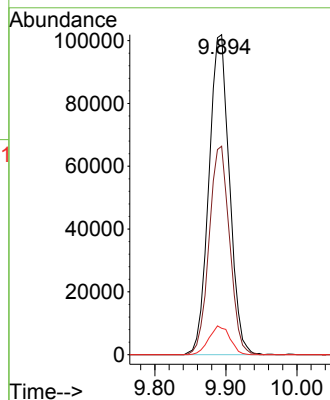
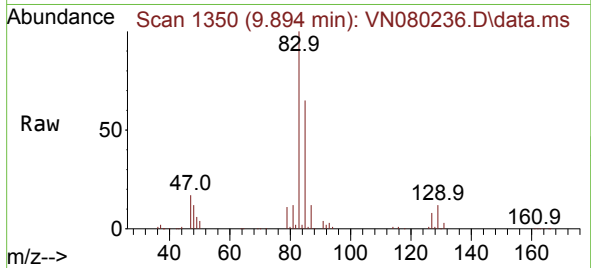




#47  
Bromodichloromethane  
Concen: 54.483 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

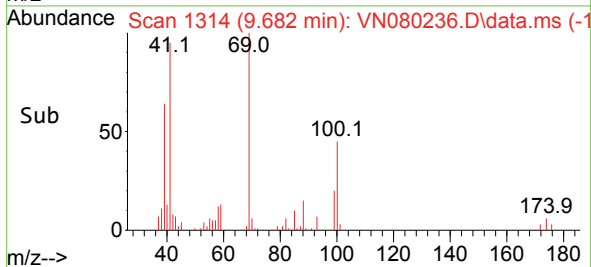
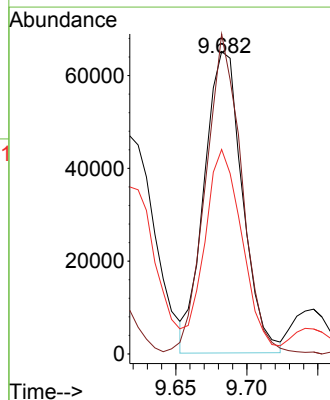
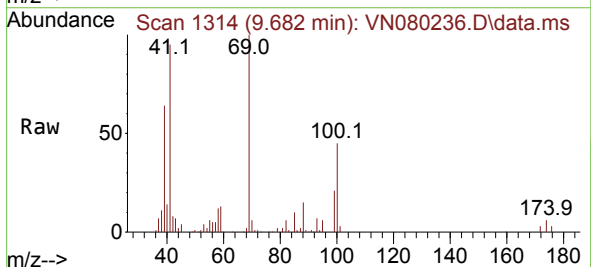
Instrument :  
MSVOA\_N  
ClientSampleId :

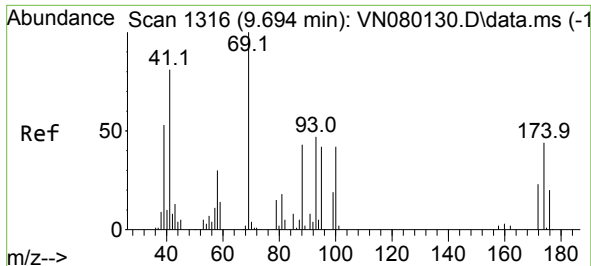
Tgt Ion: 83 Resp: 204394  
Ion Ratio Lower Upper  
83 100  
85 65.1 49.6 74.4  
127 8.2 7.0 10.6



#48  
Methyl methacrylate  
Concen: 51.225 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 41 Resp: 121547  
Ion Ratio Lower Upper  
41 100  
69 100.7 90.4 135.6  
39 67.3 54.6 81.8





#49

1,4-Dioxane

Concen: 1080.471 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA\_N

ClientSampleId :

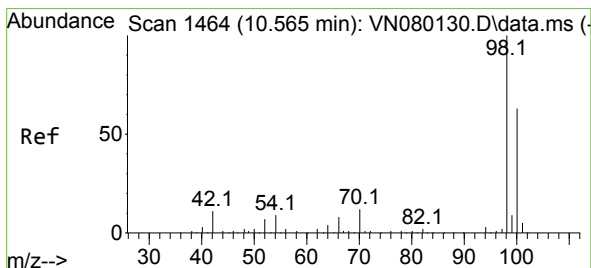
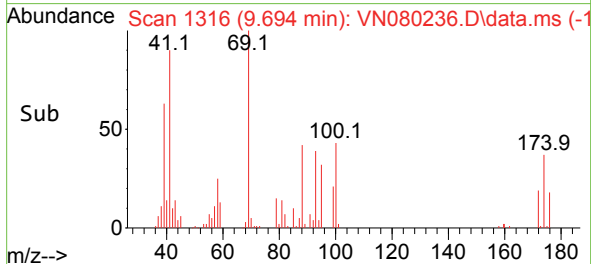
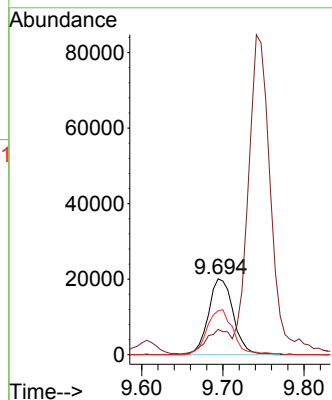
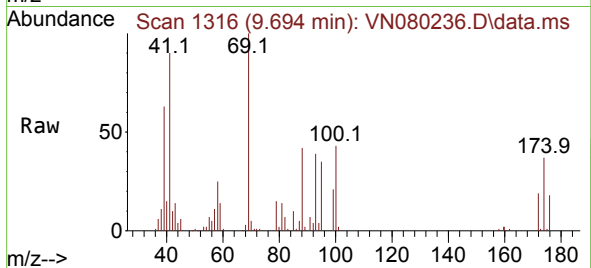
Tgt Ion: 88 Resp: 42651

Ion Ratio Lower Upper

88 100

43 32.1 17.0 25.6#

58 62.7 47.0 70.4



#50

Toluene-d8

Concen: 54.151 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080236.D

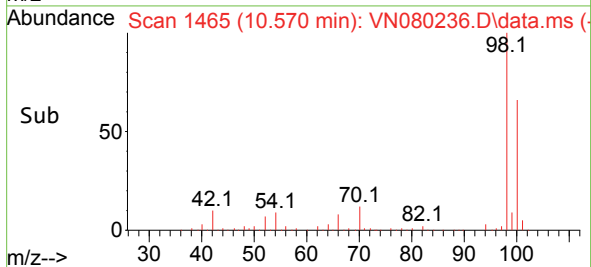
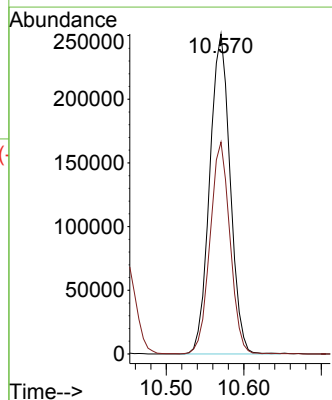
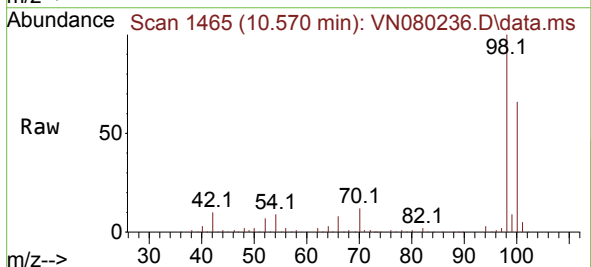
Acq: 22 Nov 2023 10:11

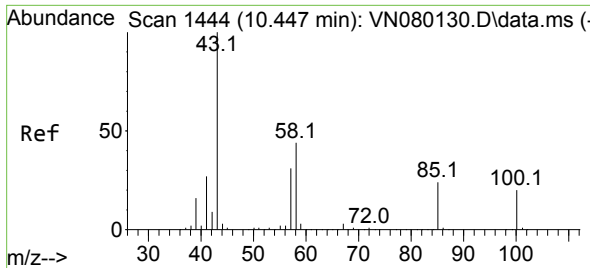
Tgt Ion: 98 Resp: 459917

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

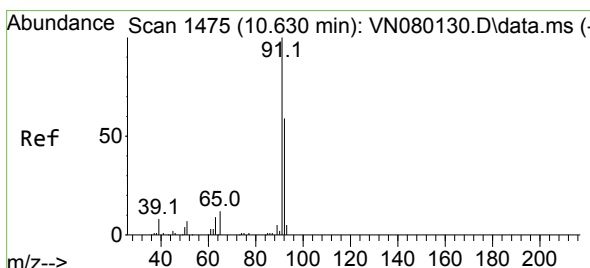
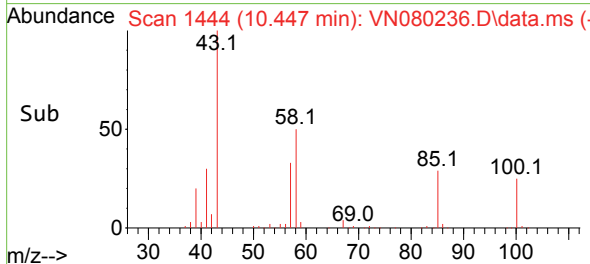
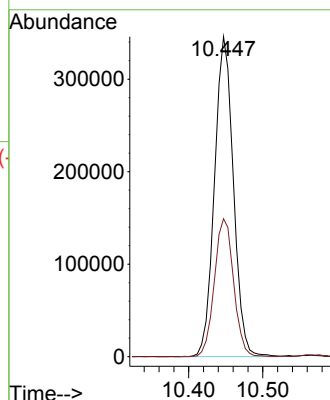
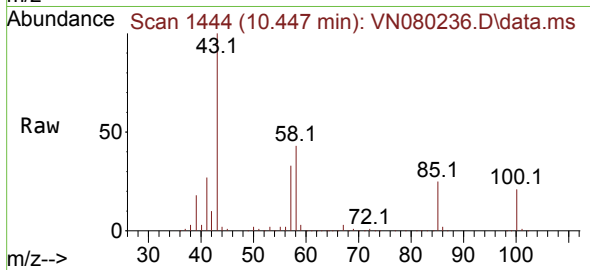




#51  
4-Methyl-2-Pentanone  
Concen: 257.392 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

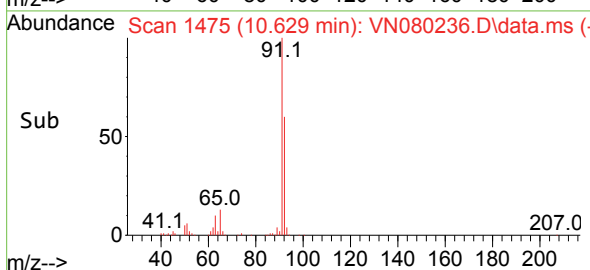
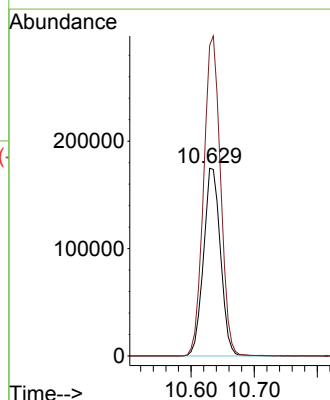
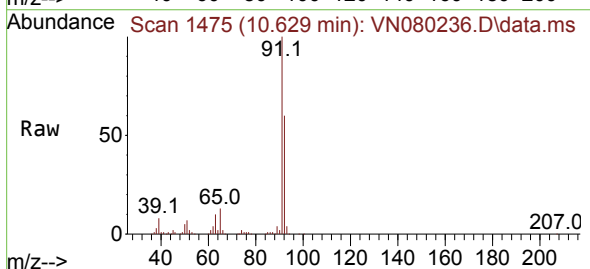
Instrument :  
MSVOA\_N  
ClientSampleId :

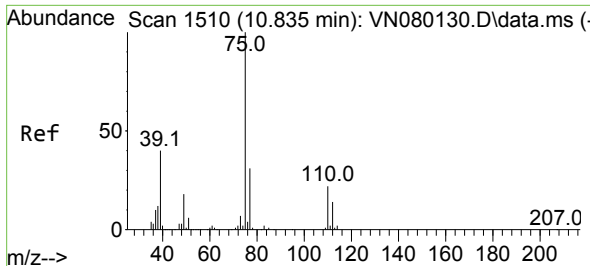
Tgt Ion: 43 Resp: 613568  
Ion Ratio Lower Upper  
43 100  
58 43.9 36.6 54.8



#52  
Toluene  
Concen: 53.724 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 92 Resp: 325957  
Ion Ratio Lower Upper  
92 100  
91 169.8 137.4 206.0

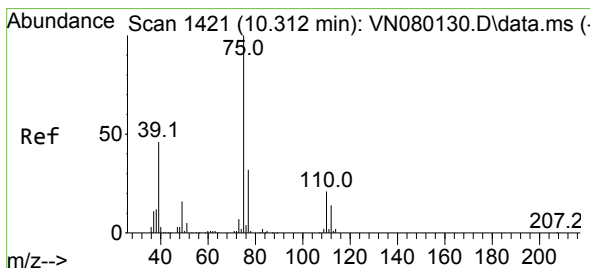
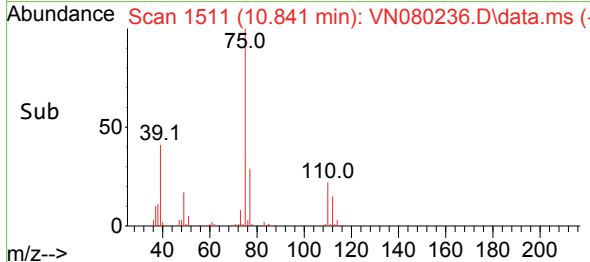
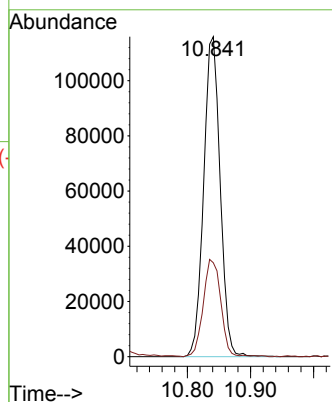
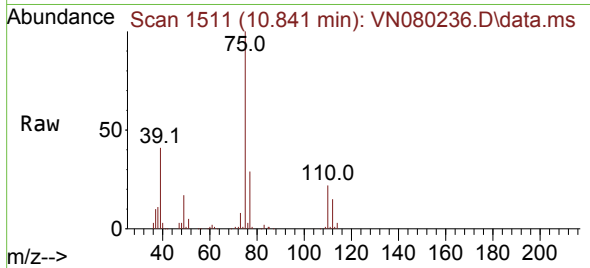




#53  
 t-1,3-Dichloropropene  
 Concen: 54.427 ug/l  
 RT: 10.841 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VN080236.D  
 Acq: 22 Nov 2023 10:11

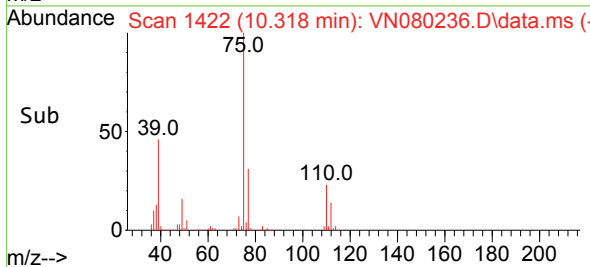
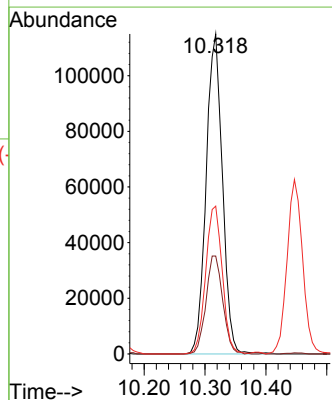
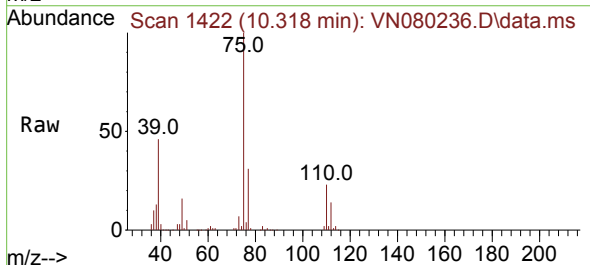
Instrument :  
 MSVOA\_N  
 ClientSampleId :

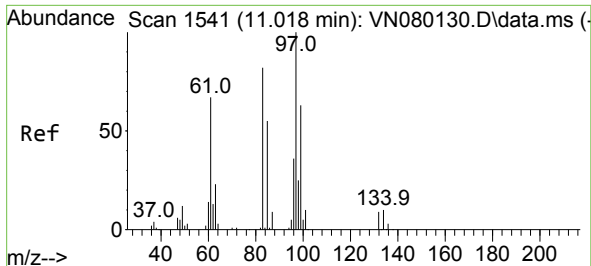
Tgt Ion: 75 Resp: 209786  
 Ion Ratio Lower Upper  
 75 100  
 77 29.3 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 54.223 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. 0.006 min  
 Lab File: VN080236.D  
 Acq: 22 Nov 2023 10:11

Tgt Ion: 75 Resp: 213524  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 26.1 39.1  
 39 46.2 31.6 47.4

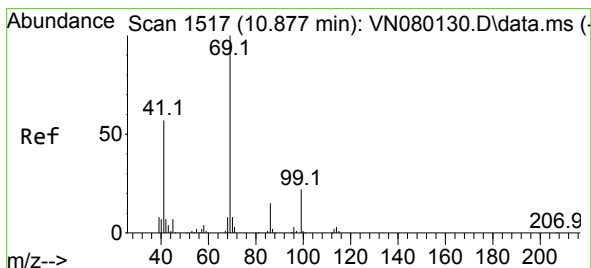
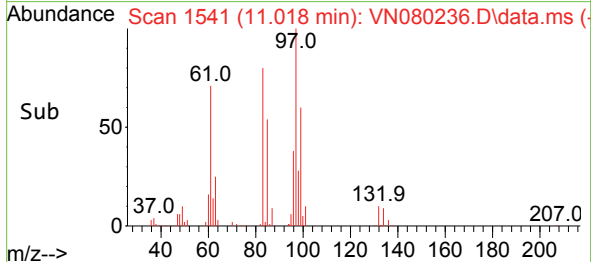
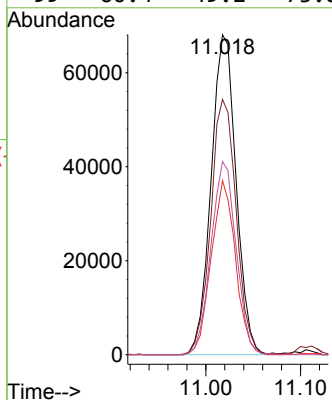
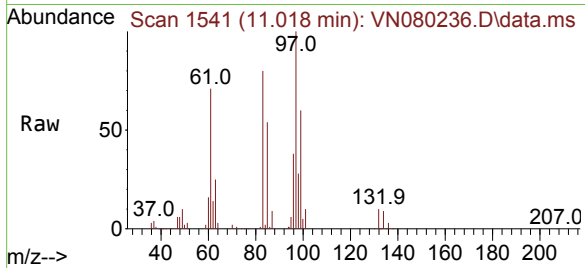




#55  
1,1,2-Trichloroethane  
Concen: 54.090 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

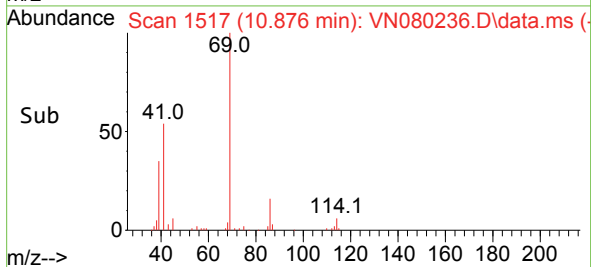
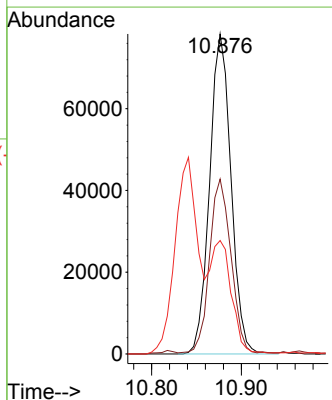
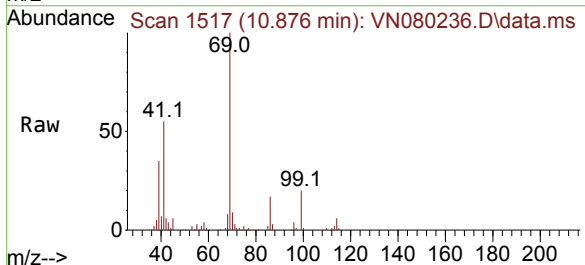
Instrument :  
MSVOA\_N  
ClientSampleId :

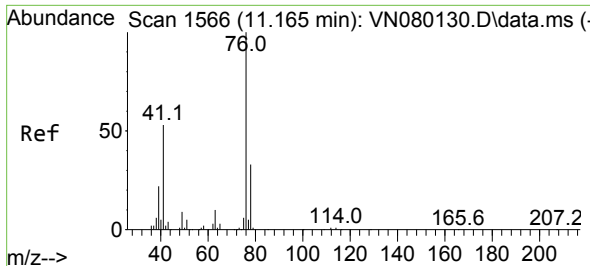
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 125256 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 79.7  | 65.1  | 97.7   |
| 85       | 54.4  | 43.4  | 65.2   |
| 99       | 60.4  | 49.2  | 73.8   |



#56  
Ethyl methacrylate  
Concen: 54.895 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 129865 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 54.2  | 39.6  | 59.4   |
| 39       | 29.6  | 28.6  | 43.0   |





#57

1,3-Dichloropropane

Concen: 53.303 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA\_N

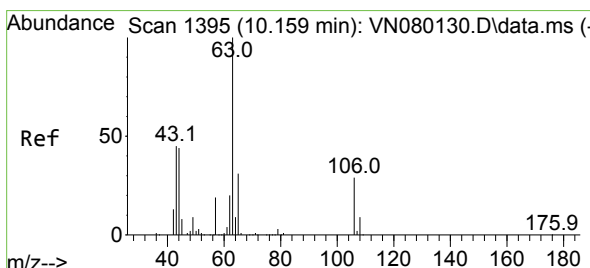
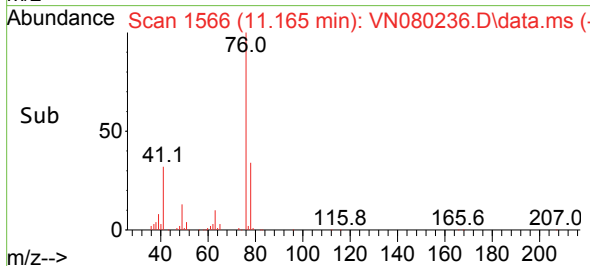
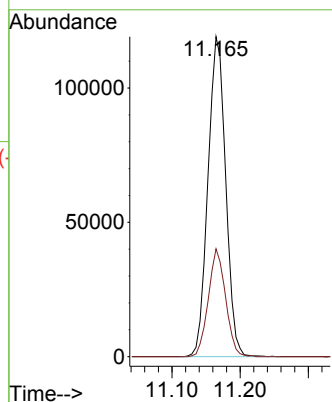
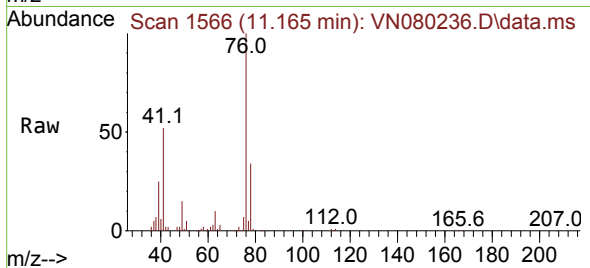
ClientSampleId :

Tgt Ion: 76 Resp: 215510

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 281.149 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080236.D

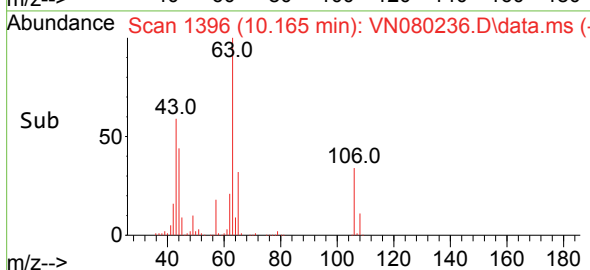
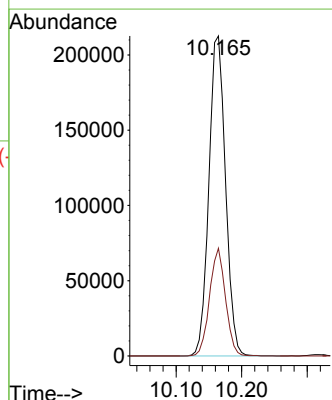
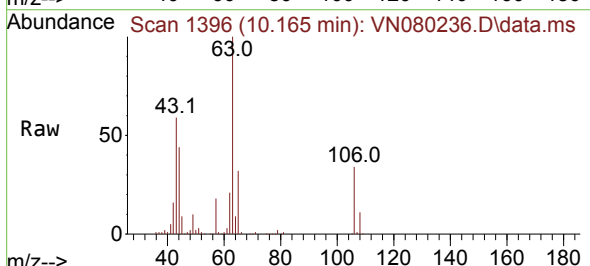
Acq: 22 Nov 2023 10:11

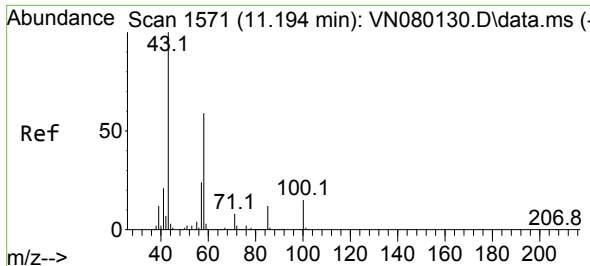
Tgt Ion: 63 Resp: 374703

Ion Ratio Lower Upper

63 100

106 32.2 26.2 39.4

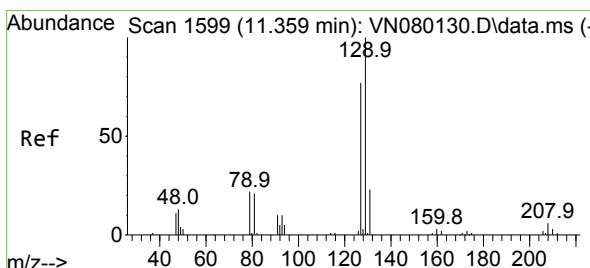
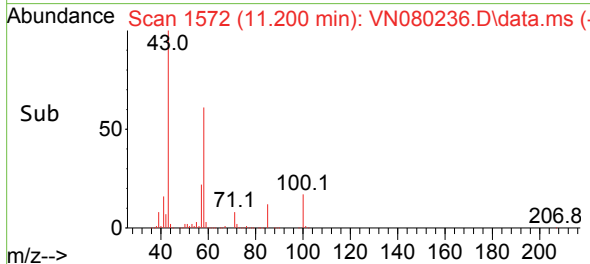
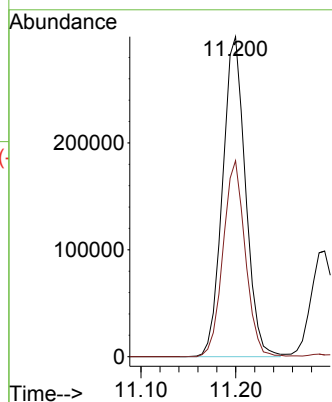
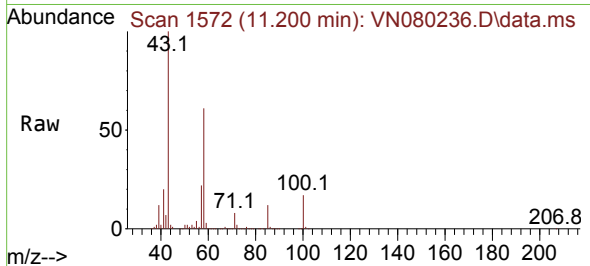




#59  
2-Hexanone  
Concen: 262.560 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

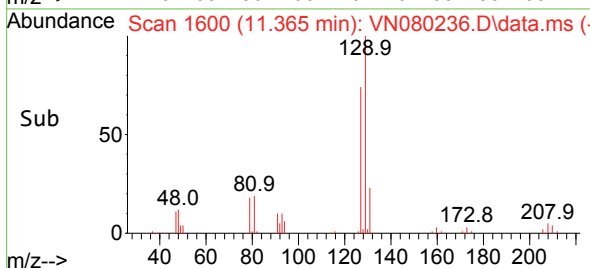
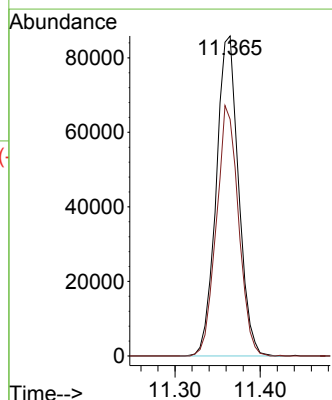
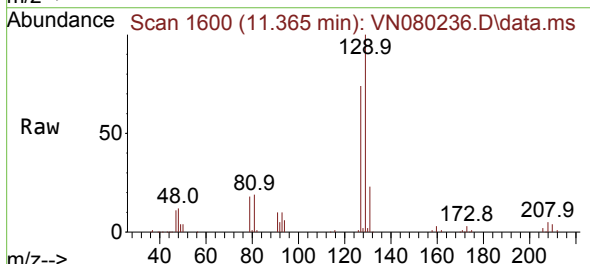
Instrument :  
MSVOA\_N  
ClientSampleId :

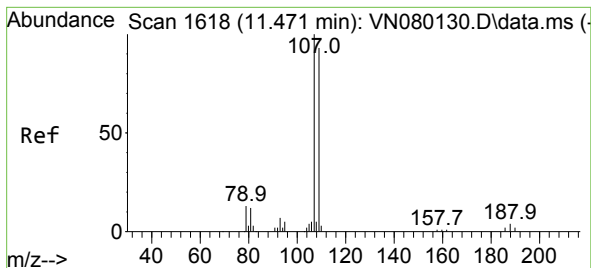
Tgt Ion: 43 Resp: 502936  
Ion Ratio Lower Upper  
43 100  
58 59.6 31.7 95.1



#60  
Dibromochloromethane  
Concen: 56.443 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion:129 Resp: 156483  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.6 116.0

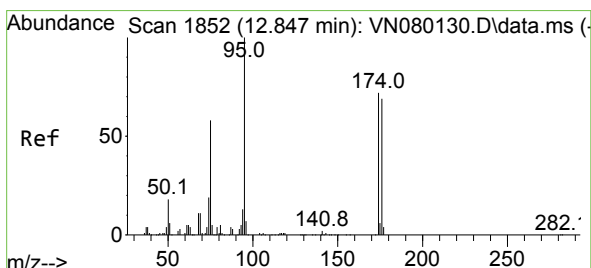
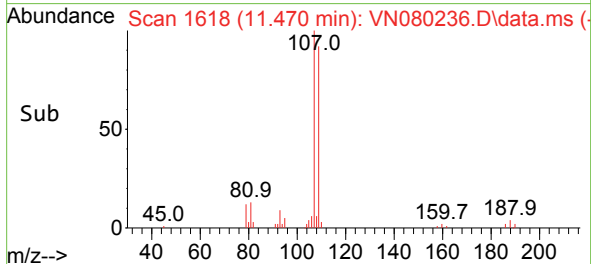
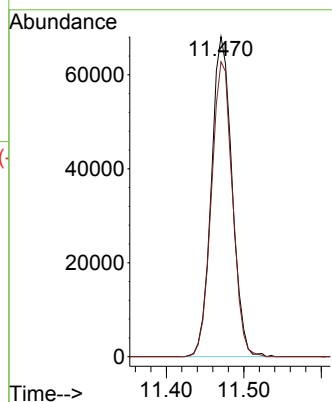
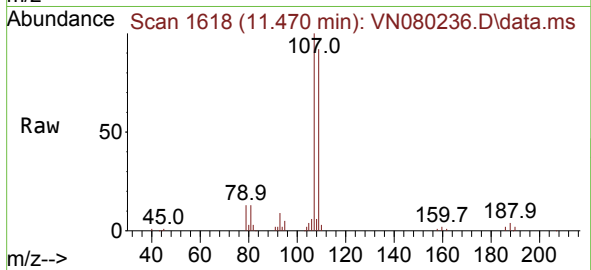




#61  
1,2-Dibromoethane  
Concen: 53.393 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

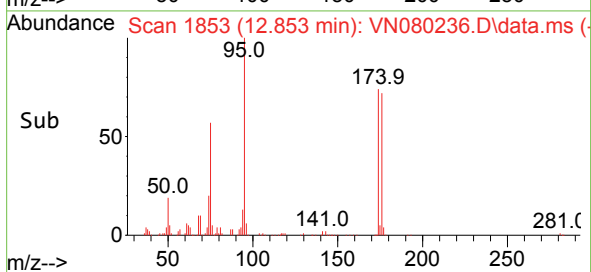
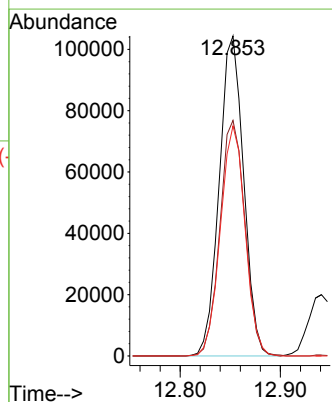
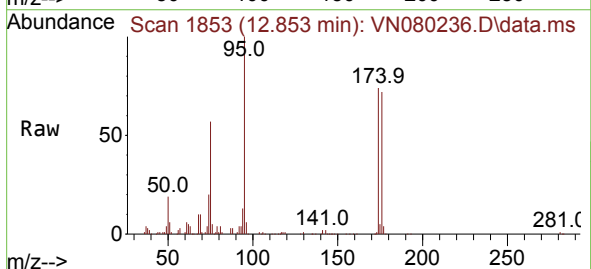
Instrument :  
MSVOA\_N  
ClientSampleId :

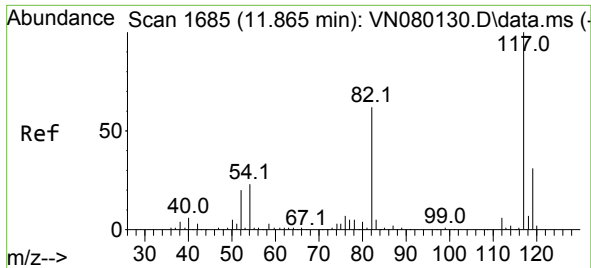
Tgt Ion:107 Resp: 126136  
Ion Ratio Lower Upper  
107 100  
109 93.4 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 54.938 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 95 Resp: 176244  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 143.8  
176 72.5 0.0 135.8

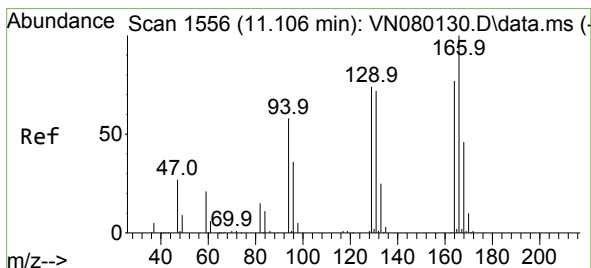
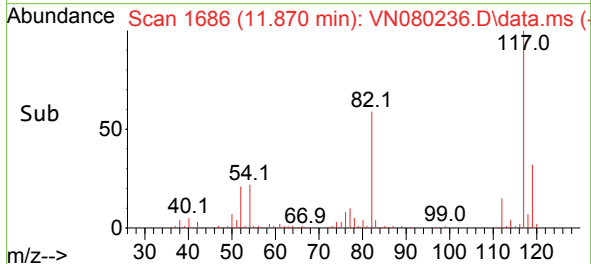
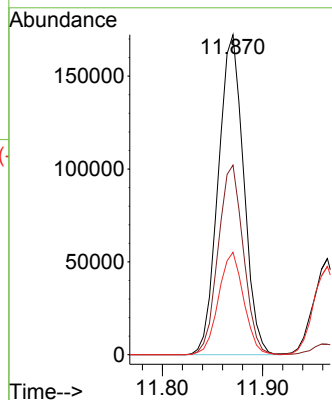
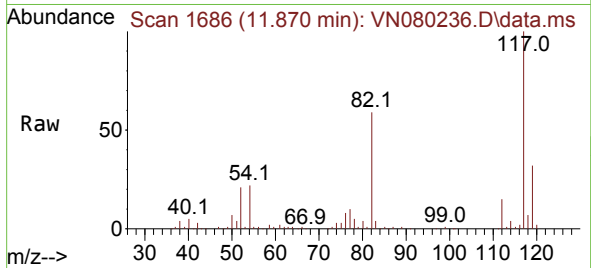




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

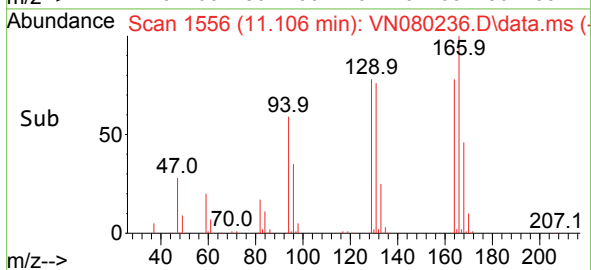
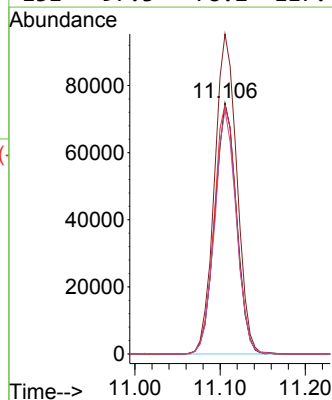
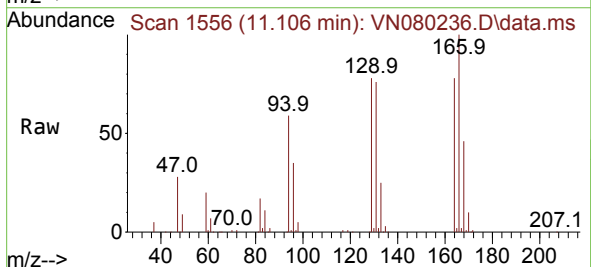
Instrument :  
MSVOA\_N  
ClientSampleId :

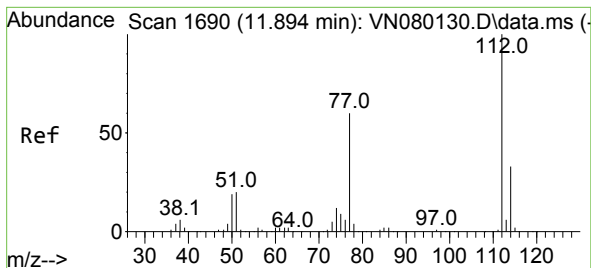
Tgt Ion:117 Resp: 303566  
Ion Ratio Lower Upper  
117 100  
82 59.3 44.0 66.0  
119 32.0 25.6 38.4



#64  
Tetrachloroethene  
Concen: 57.192 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion:164 Resp: 132497  
Ion Ratio Lower Upper  
164 100  
166 127.7 101.4 152.0  
129 99.3 82.4 123.6  
131 97.3 78.2 117.4





#65

Chlorobenzene

Concen: 50.068 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA\_N

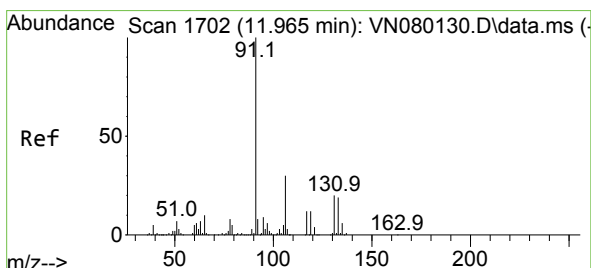
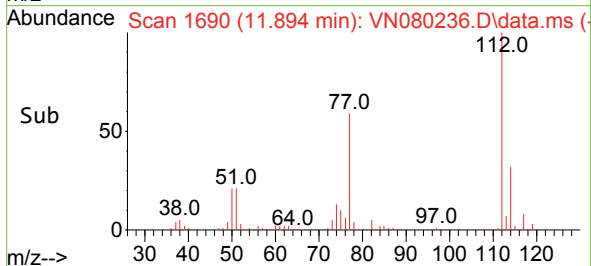
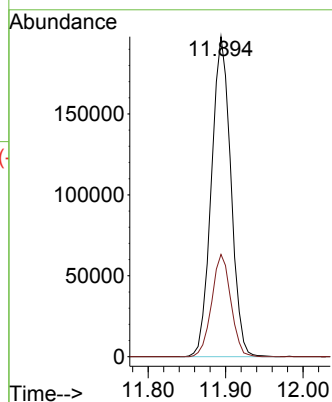
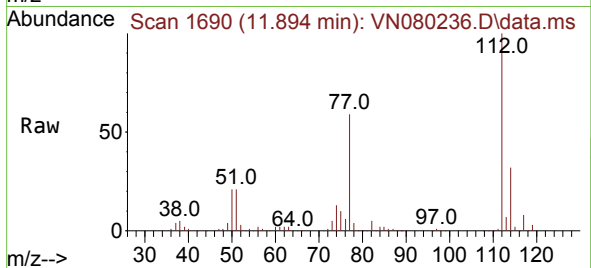
ClientSampleId :

Tgt Ion:112 Resp: 344396

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 53.586 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

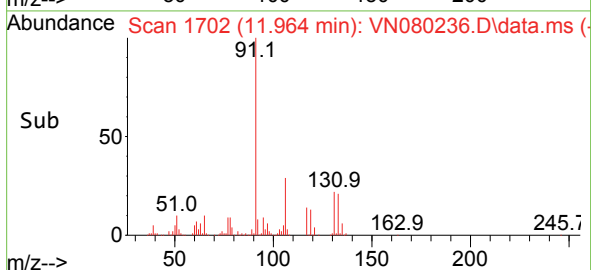
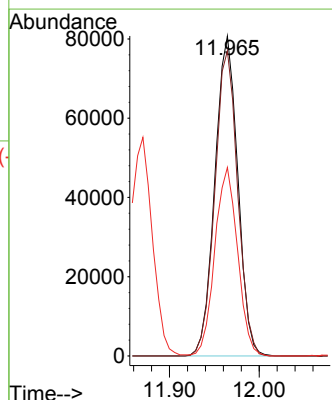
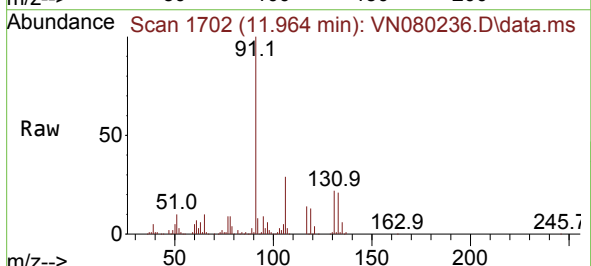
Tgt Ion:131 Resp: 143040

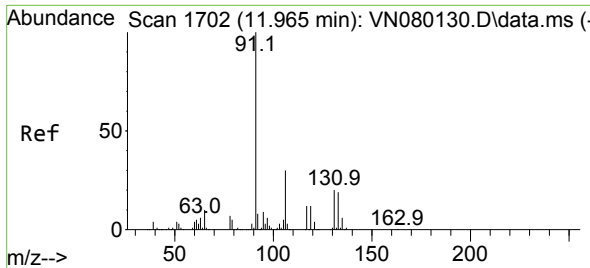
Ion Ratio Lower Upper

131 100

133 95.2 46.4 139.1

119 58.7 34.1 102.2





#67

Ethyl Benzene

Concen: 52.012 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA\_N

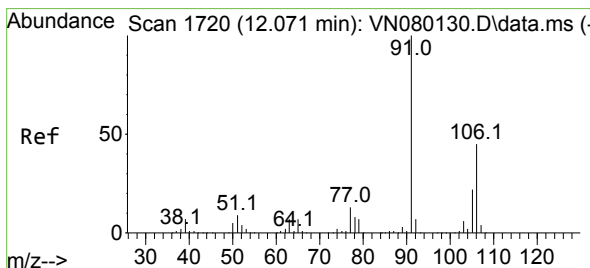
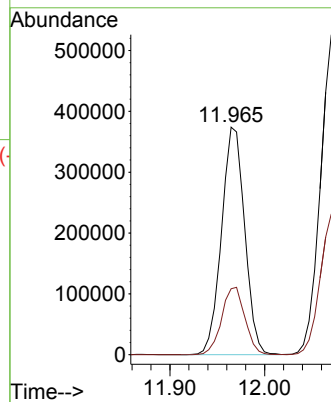
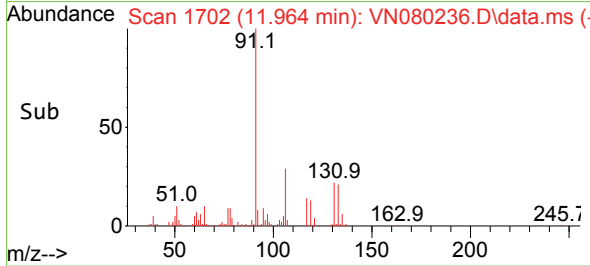
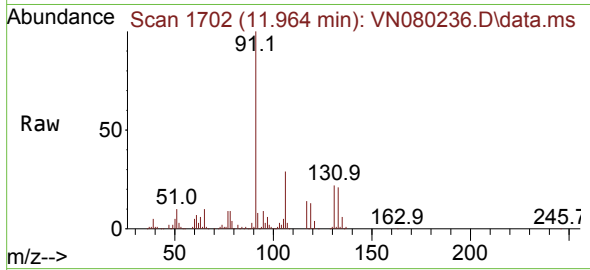
ClientSampleId :

Tgt Ion: 91 Resp: 636633

Ion Ratio Lower Upper

91 100

106 29.0 25.6 38.4



#68

m/p-Xylenes

Concen: 105.622 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN080236.D

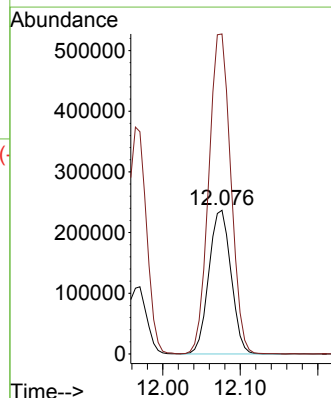
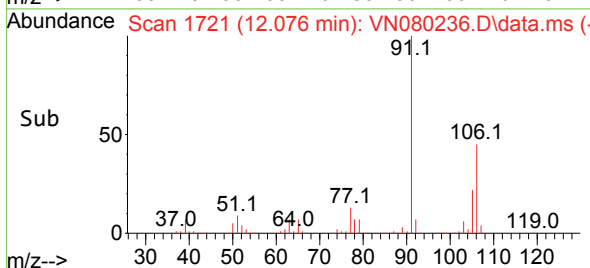
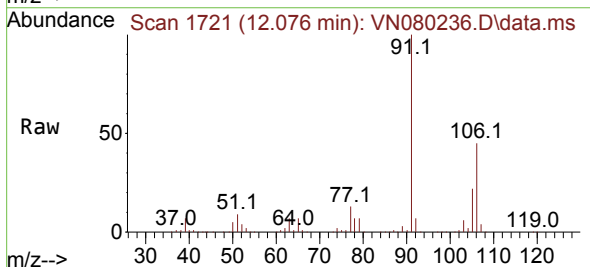
Acq: 22 Nov 2023 10:11

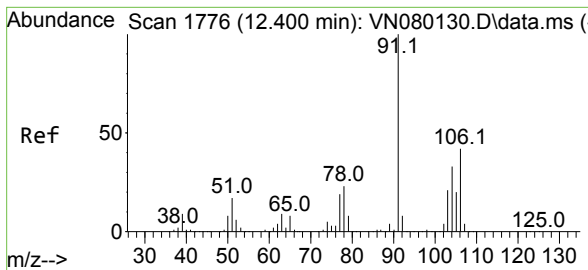
Tgt Ion:106 Resp: 471370

Ion Ratio Lower Upper

106 100

91 221.5 159.6 239.4

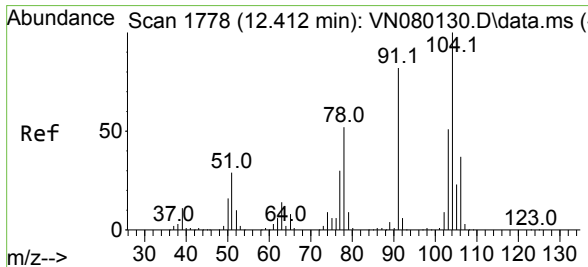
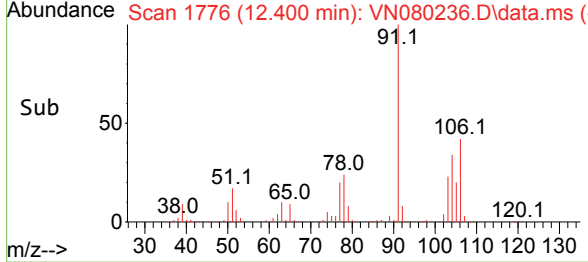
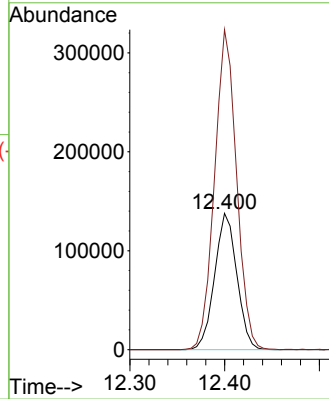
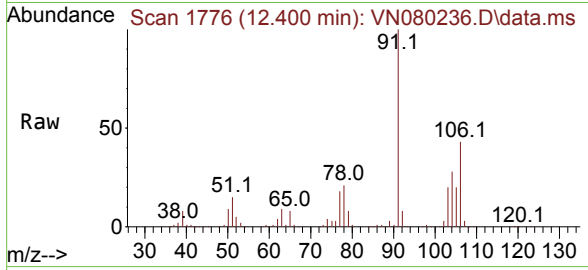




#69  
o-Xylene  
Concen: 53.487 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

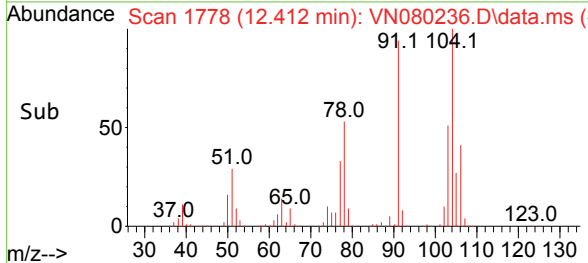
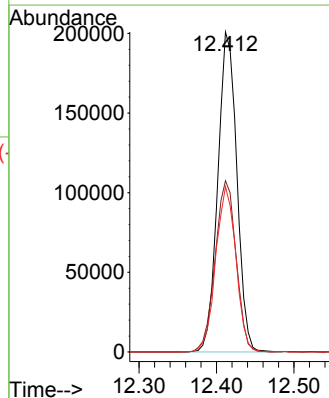
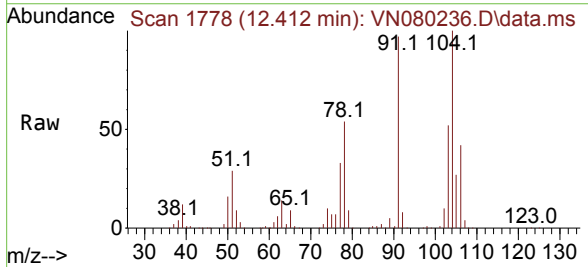
Instrument :  
MSVOA\_N  
ClientSampleId :

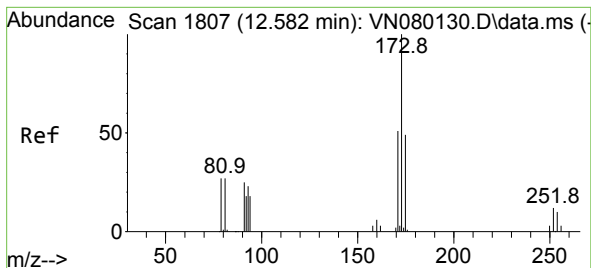
Tgt Ion:106 Resp: 224959  
Ion Ratio Lower Upper  
106 100  
91 232.1 105.2 315.5



#70  
Styrene  
Concen: 54.769 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion:104 Resp: 342853  
Ion Ratio Lower Upper  
104 100  
78 58.7 39.5 59.3  
103 54.8 43.2 64.8





#71

Bromoform

Concen: 54.296 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA\_N

ClientSampleId :

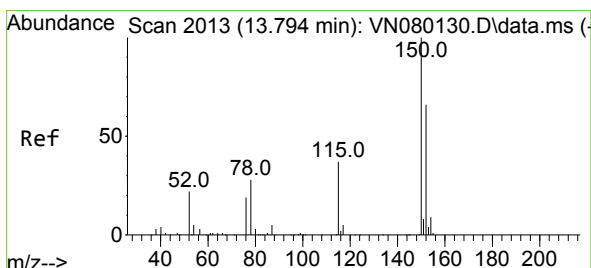
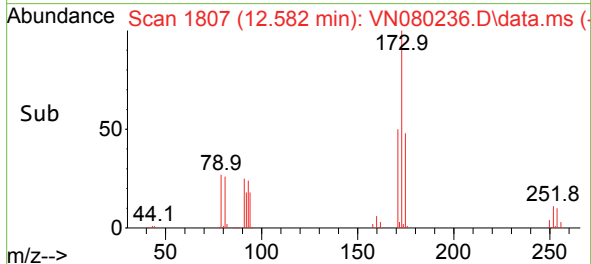
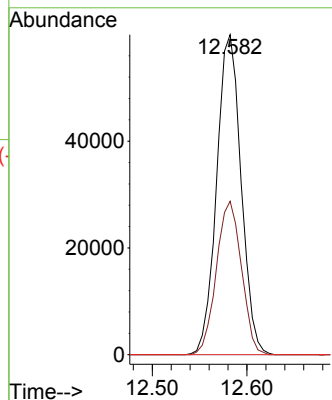
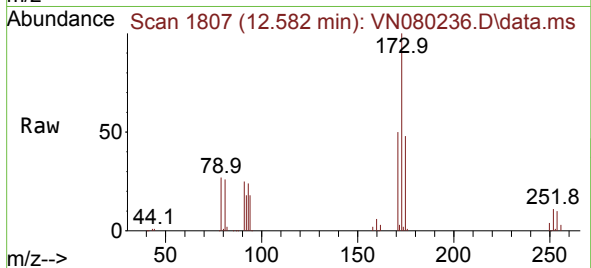
Tgt Ion:173 Resp: 107481

Ion Ratio Lower Upper

173 100

175 49.2 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

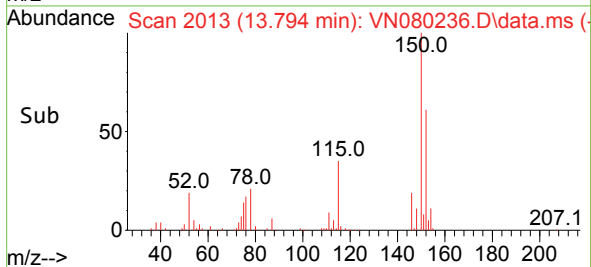
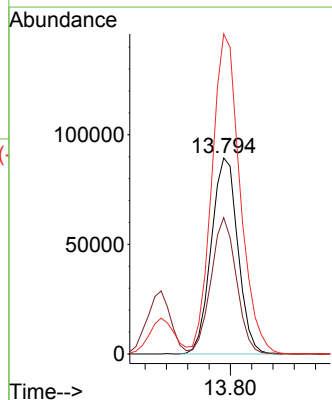
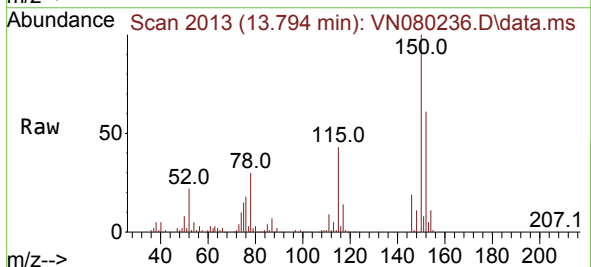
Tgt Ion:152 Resp: 154723

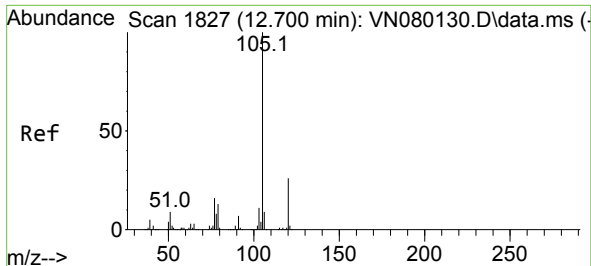
Ion Ratio Lower Upper

152 100

115 66.7 32.3 96.8

150 173.6 0.0 355.8

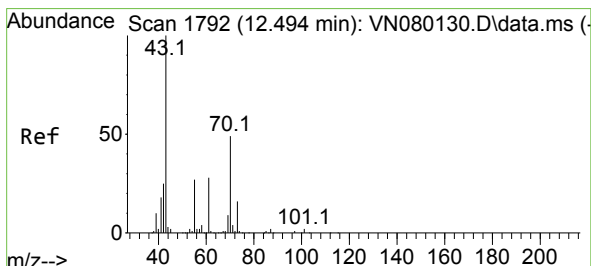
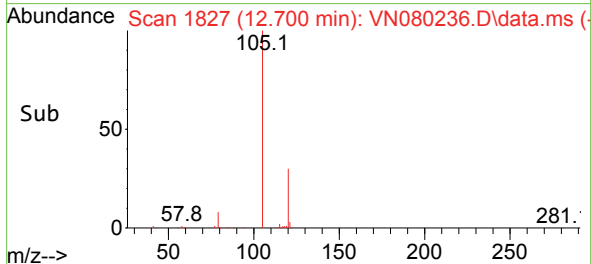
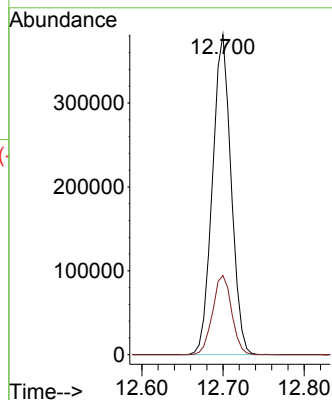
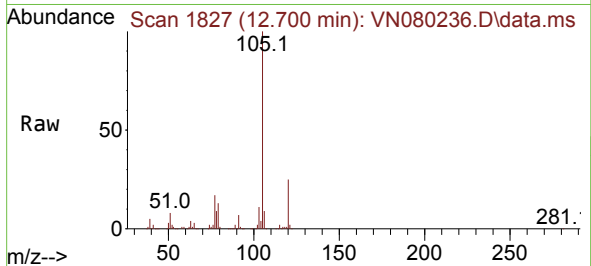




#73  
Isopropylbenzene  
Concen: 50.676 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

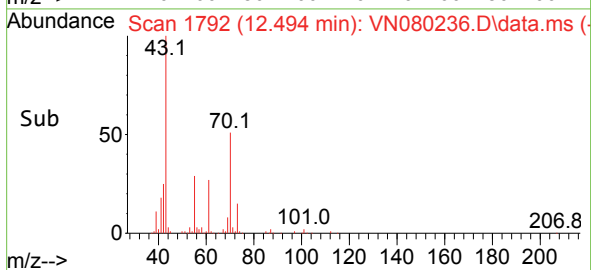
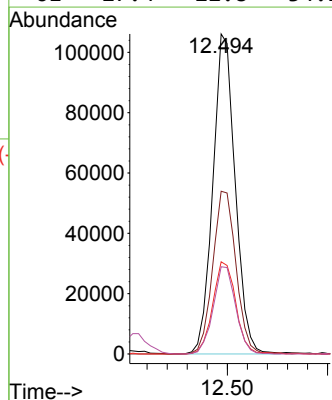
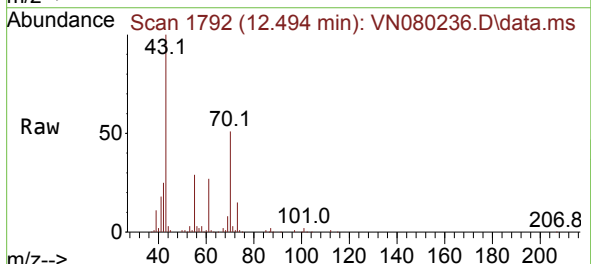
Instrument :  
MSVOA\_N  
ClientSampleId :

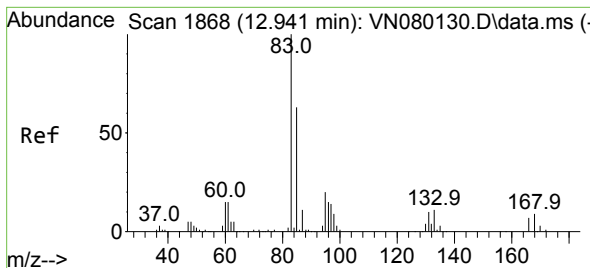
Tgt Ion:105 Resp: 609281  
Ion Ratio Lower Upper  
105 100  
120 25.3 13.1 39.1



#74  
N-ethyl acetate  
Concen: 43.822 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 43 Resp: 164303  
Ion Ratio Lower Upper  
43 100  
70 52.9 43.4 65.2  
55 29.7 21.4 32.0  
61 27.4 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.067 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA\_N

ClientSampleId :

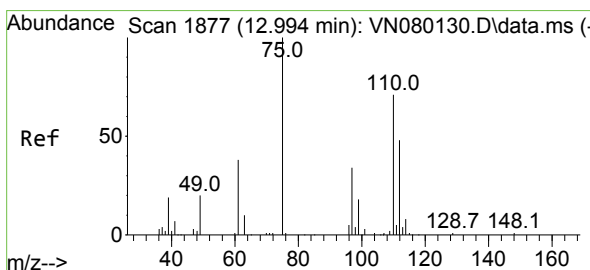
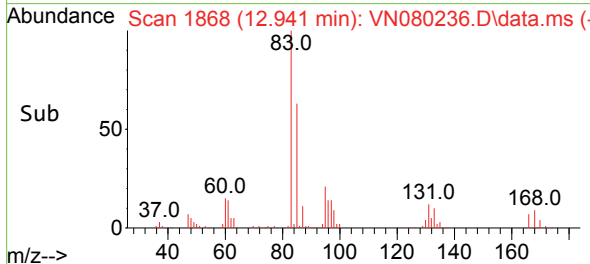
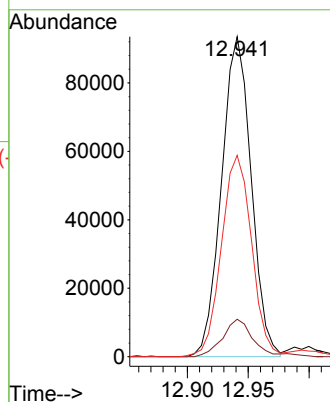
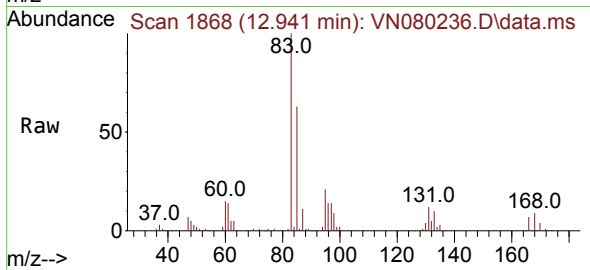
Tgt Ion: 83 Resp: 158573

Ion Ratio Lower Upper

83 100

131 12.2 5.0 15.0

85 64.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 61.092 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080236.D

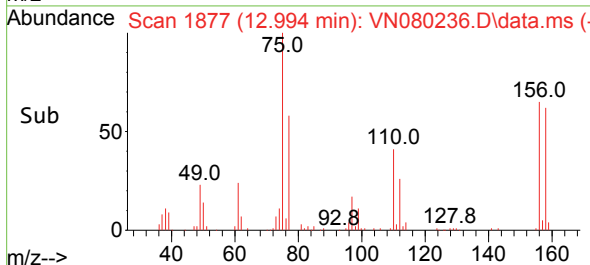
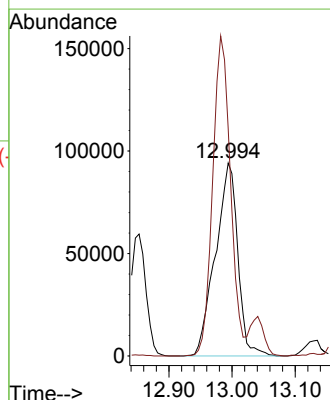
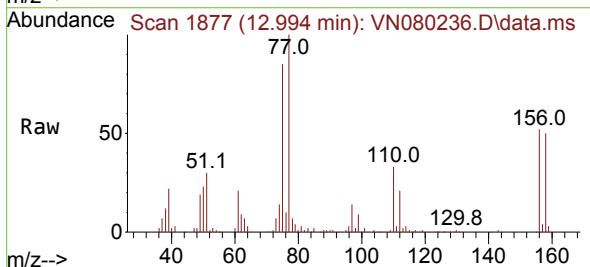
Acq: 22 Nov 2023 10:11

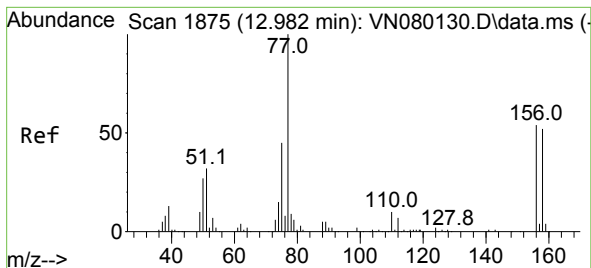
Tgt Ion: 75 Resp: 231598

Ion Ratio Lower Upper

75 100

77 133.0 84.5 253.5





#77

Bromobenzene

Concen: 49.501 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

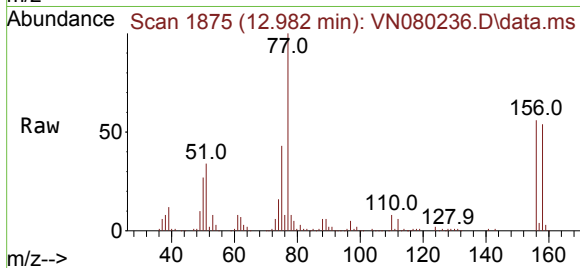
Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA\_N

ClientSampleId :



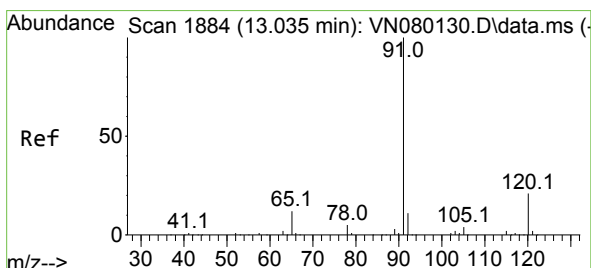
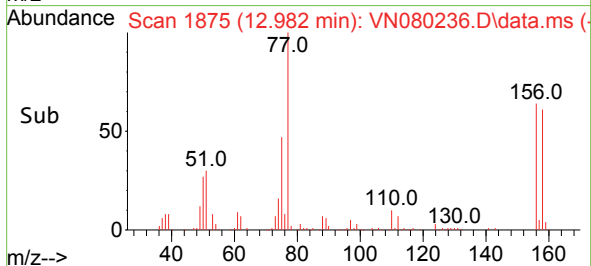
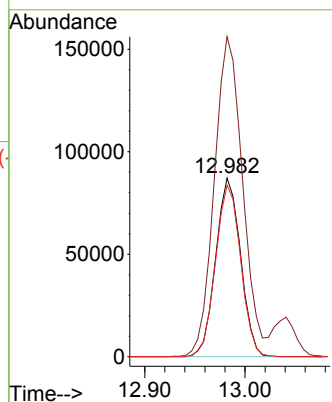
Tgt Ion:156 Resp: 150052

Ion Ratio Lower Upper

156 100

77 205.3 107.7 323.3

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 51.611 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN080236.D

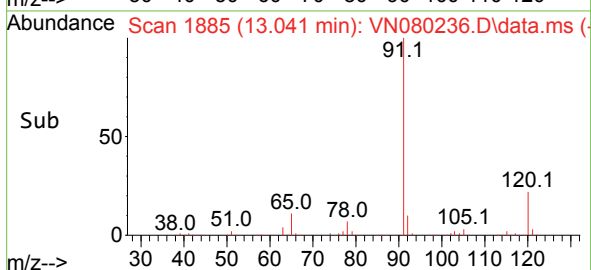
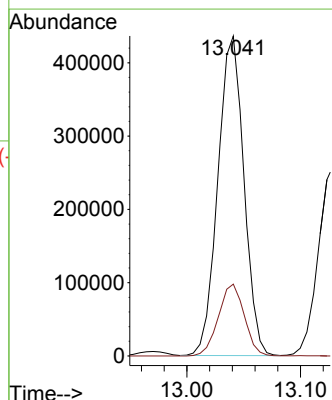
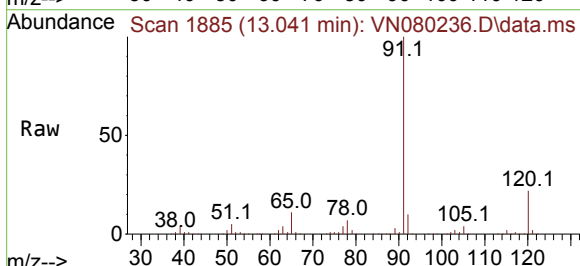
Acq: 22 Nov 2023 10:11

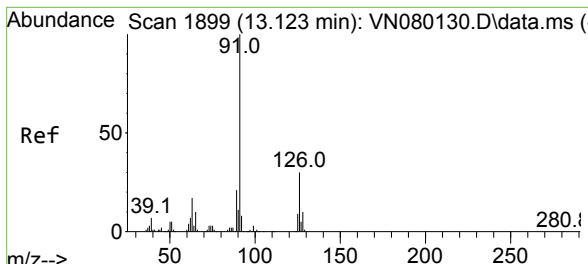
Tgt Ion: 91 Resp: 693891

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4

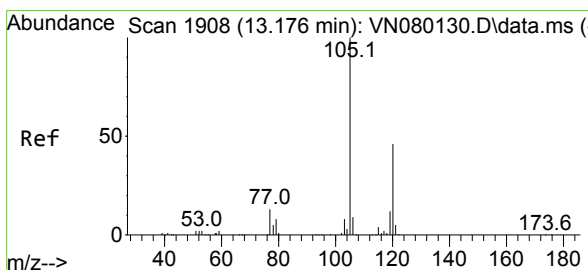
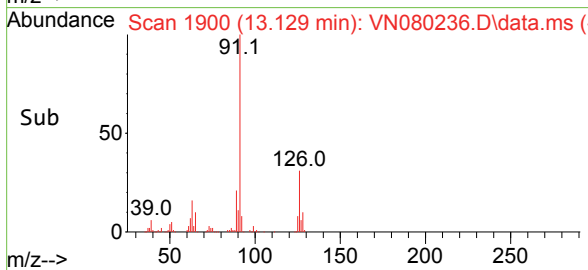
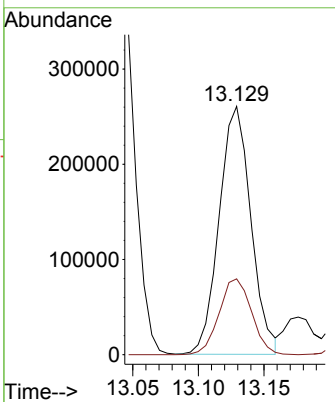
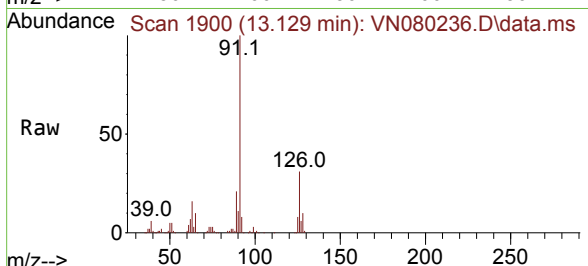




#79  
 2-Chlorotoluene  
 Concen: 50.389 ug/l  
 RT: 13.129 min Scan# 1900  
 Delta R.T. 0.006 min  
 Lab File: VN080236.D  
 Acq: 22 Nov 2023 10:11

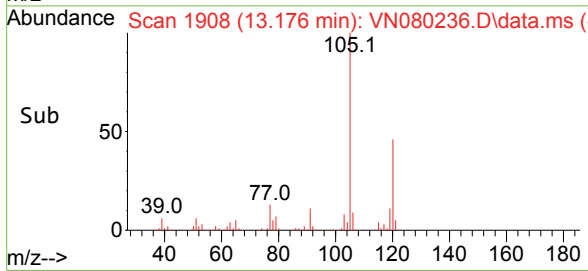
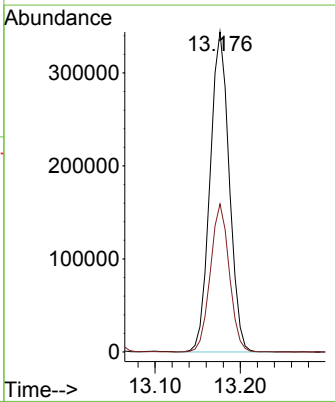
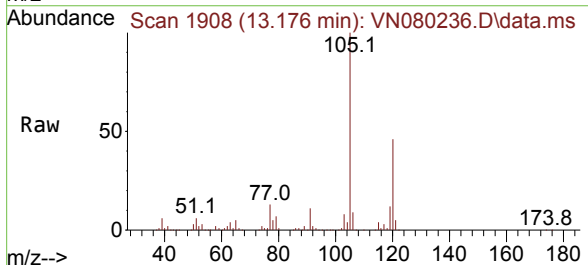
Instrument :  
 MSVOA\_N  
 ClientSampleId :

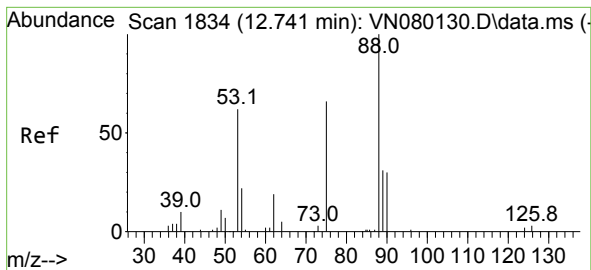
Tgt Ion: 91 Resp: 440001  
 Ion Ratio Lower Upper  
 91 100  
 126 31.1 16.3 48.8



#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.468 ug/l  
 RT: 13.176 min Scan# 1908  
 Delta R.T. -0.000 min  
 Lab File: VN080236.D  
 Acq: 22 Nov 2023 10:11

Tgt Ion: 105 Resp: 538670  
 Ion Ratio Lower Upper  
 105 100  
 120 45.6 24.1 72.3

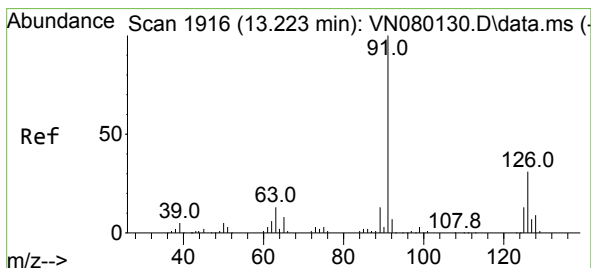
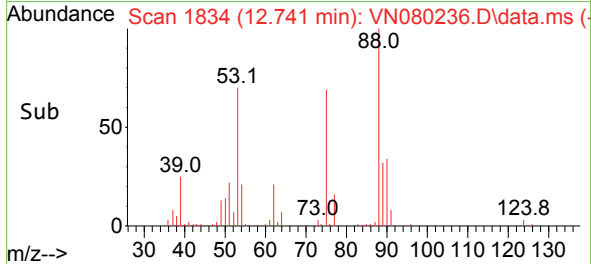
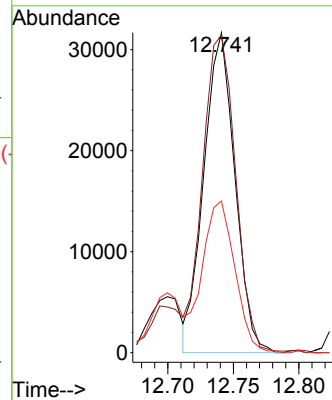
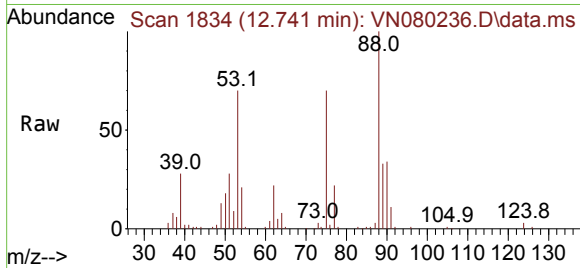




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.434 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

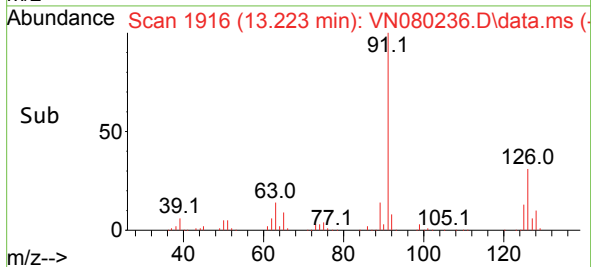
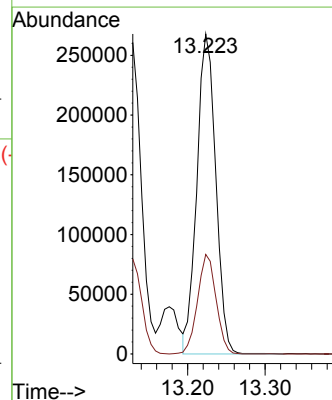
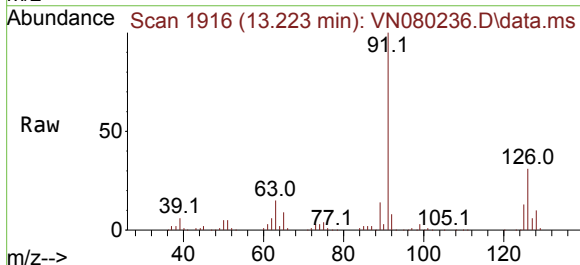
Instrument :  
MSVOA\_N  
ClientSampleId :

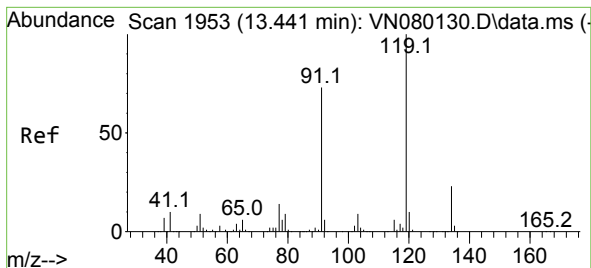
Tgt Ion: 75 Resp: 52102  
Ion Ratio Lower Upper  
75 100  
53 104.6 67.4 101.2#  
89 50.3 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 50.593 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 91 Resp: 452589  
Ion Ratio Lower Upper  
91 100  
126 30.6 16.7 50.0





#83

tert-Butylbenzene

Concen: 49.840 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA\_N

ClientSampleId :

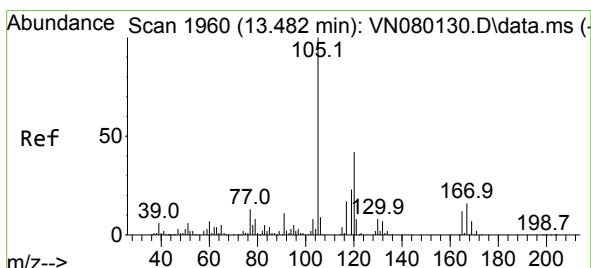
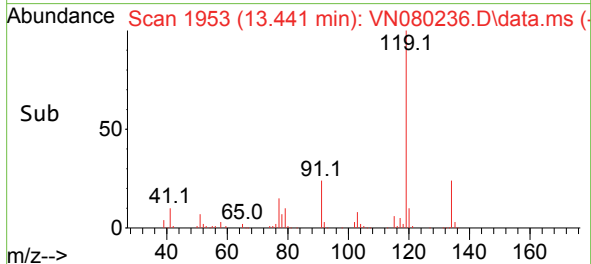
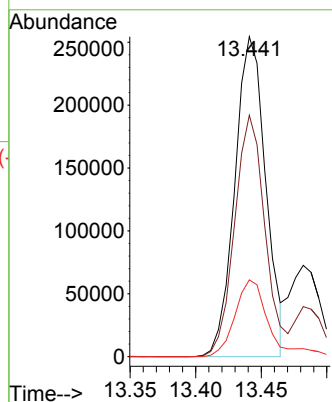
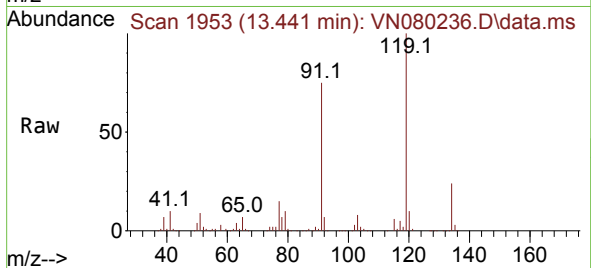
Tgt Ion:119 Resp: 418308

Ion Ratio Lower Upper

119 100

91 74.5 33.9 101.7

134 26.2 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 52.475 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080236.D

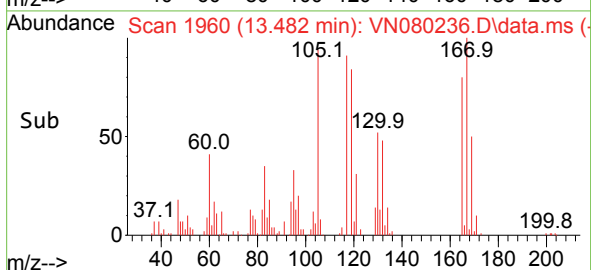
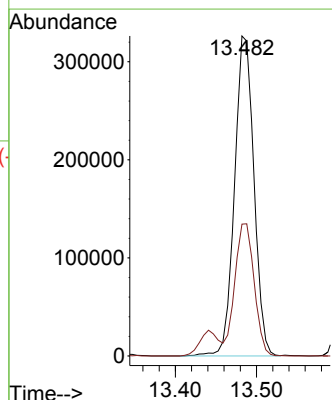
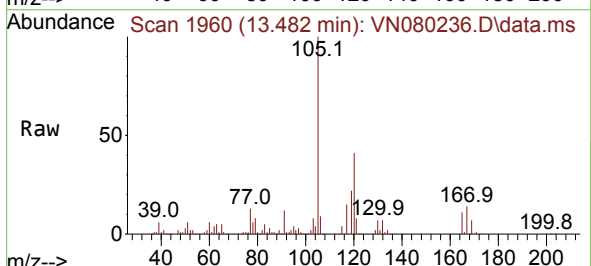
Acq: 22 Nov 2023 10:11

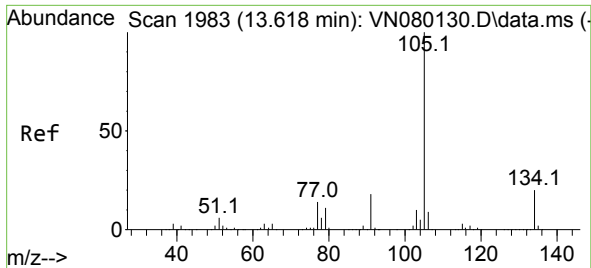
Tgt Ion:105 Resp: 540786

Ion Ratio Lower Upper

105 100

120 41.2 22.0 66.0

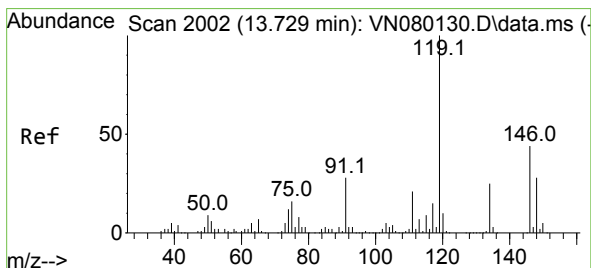
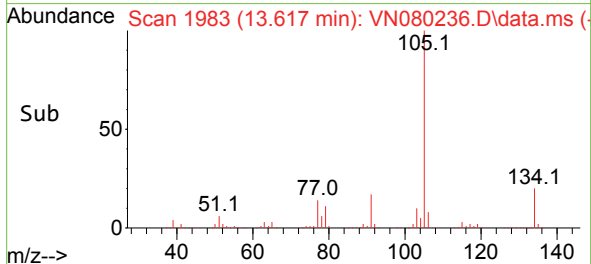
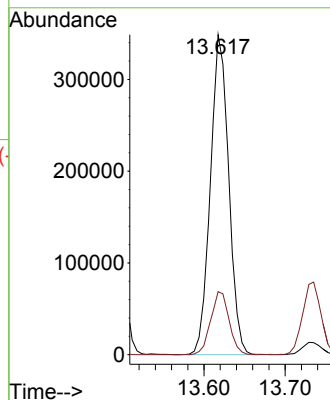
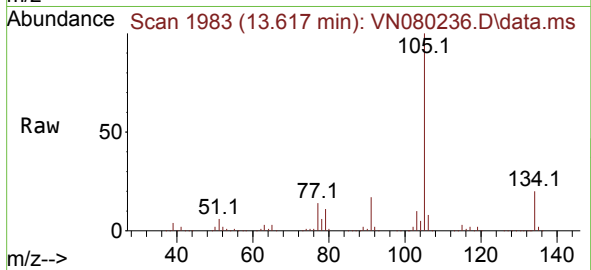




#85  
 sec-Butylbenzene  
 Concen: 51.422 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN080236.D  
 Acq: 22 Nov 2023 10:11

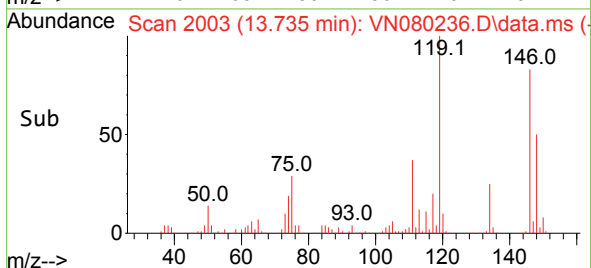
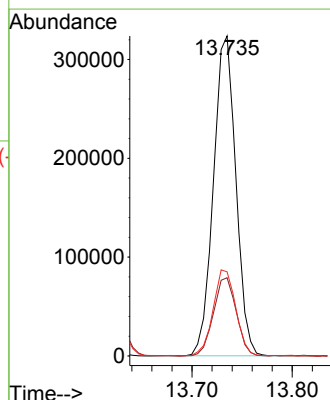
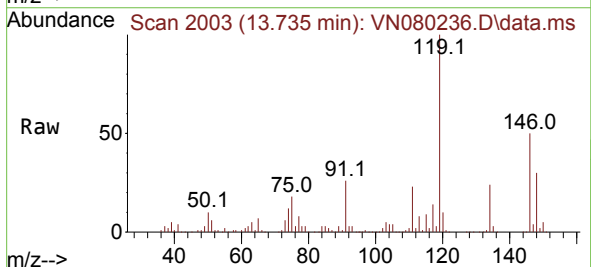
Instrument :  
 MSVOA\_N  
 ClientSampleId :

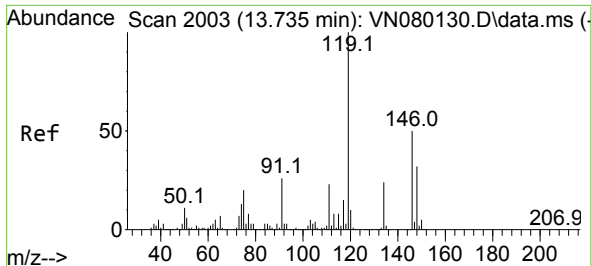
Tgt Ion:105 Resp: 545975  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 52.947 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.006 min  
 Lab File: VN080236.D  
 Acq: 22 Nov 2023 10:11

Tgt Ion:119 Resp: 502177  
 Ion Ratio Lower Upper  
 119 100  
 134 24.9 12.6 37.8  
 91 27.3 12.4 37.2

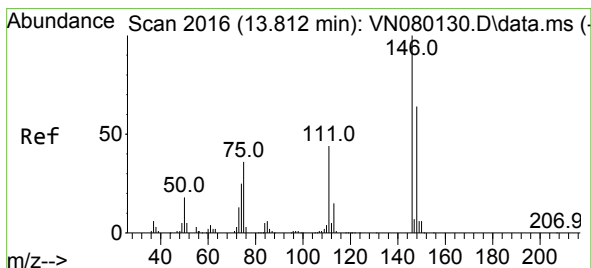
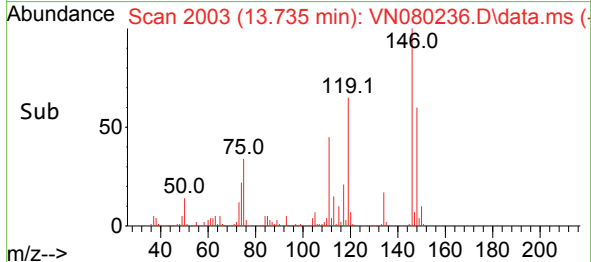
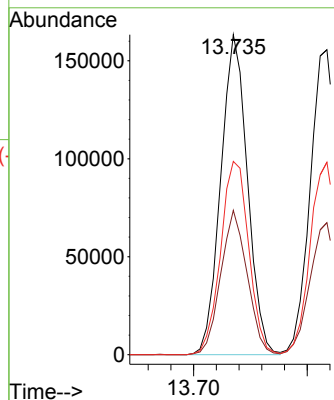
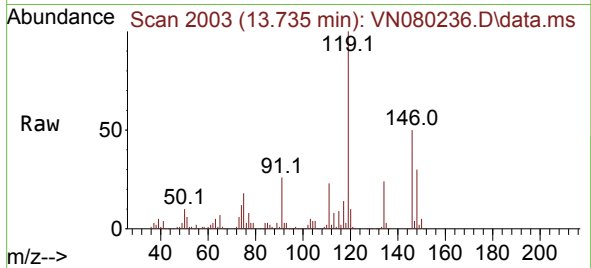




#87  
1,3-Dichlorobenzene  
Concen: 48.882 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

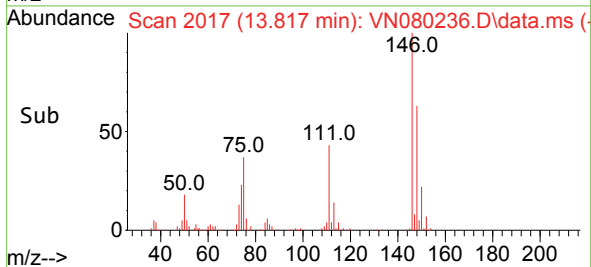
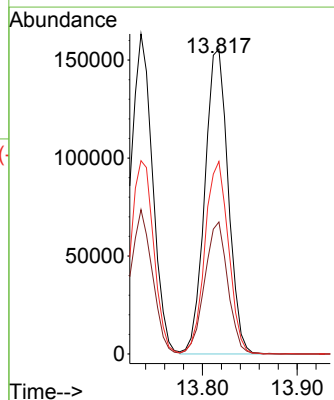
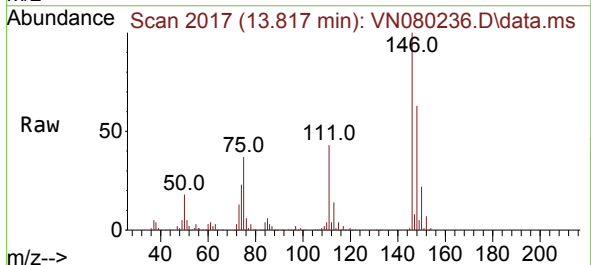
Instrument :  
MSVOA\_N  
ClientSampleId :

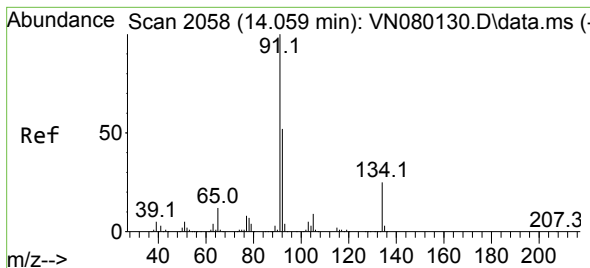
Tgt Ion:146 Resp: 266964  
Ion Ratio Lower Upper  
146 100  
111 44.7 22.1 66.3  
148 63.6 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 48.662 ug/l  
RT: 13.817 min Scan# 2017  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion:146 Resp: 267076  
Ion Ratio Lower Upper  
146 100  
111 43.0 20.6 61.8  
148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 50.662 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA\_N

ClientSampleId :

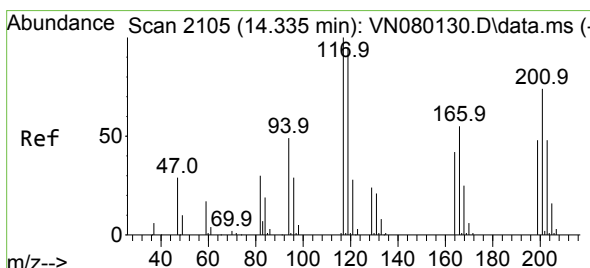
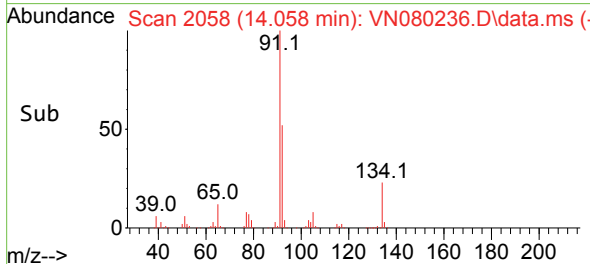
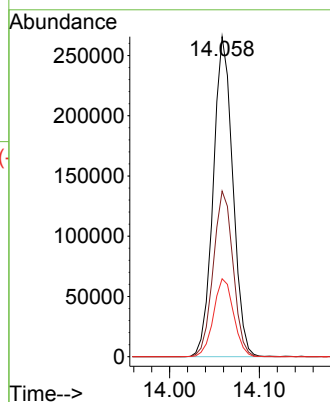
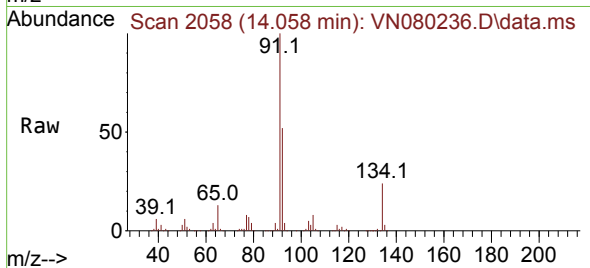
Tgt Ion: 91 Resp: 402184

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.0

134 25.0 12.6 37.6



#90

Hexachloroethane

Concen: 48.472 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080236.D

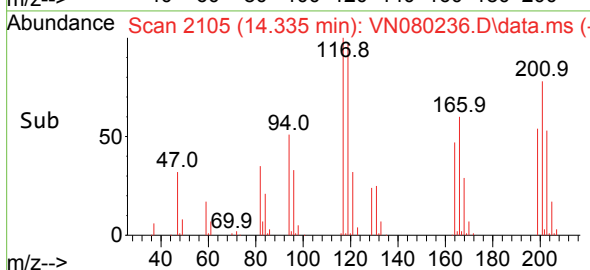
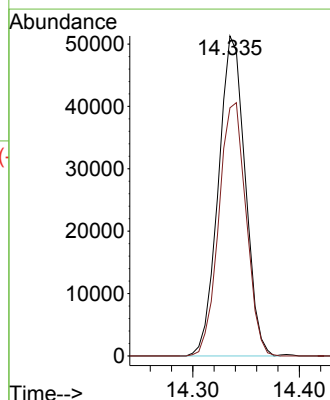
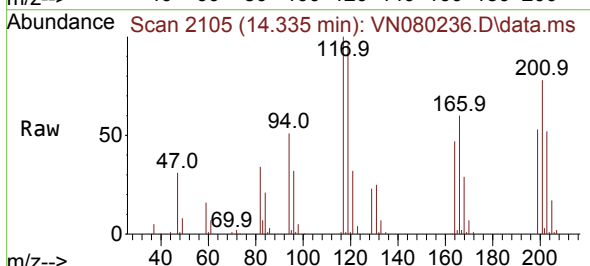
Acq: 22 Nov 2023 10:11

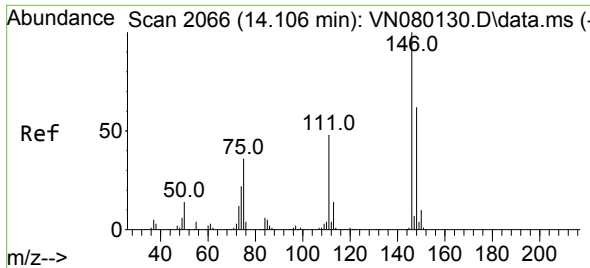
Tgt Ion: 117 Resp: 89626

Ion Ratio Lower Upper

117 100

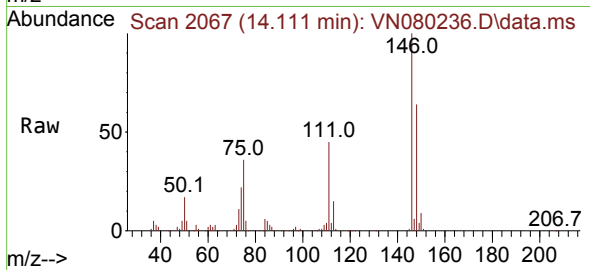
201 80.3 29.3 88.0



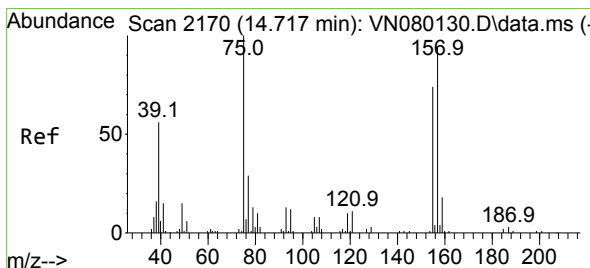
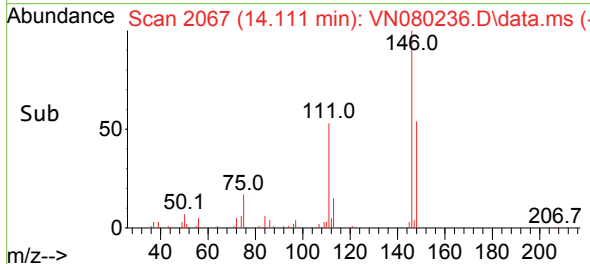
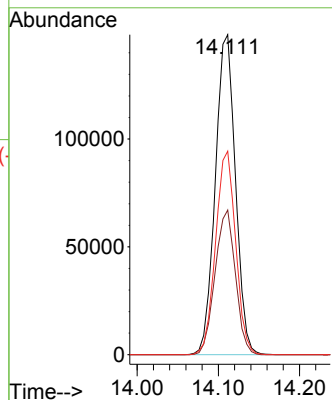


#91  
1,2-Dichlorobenzene  
Concen: 49.049 ug/l  
RT: 14.111 min Scan# 2067  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Instrument :  
MSVOA\_N  
ClientSampleId :

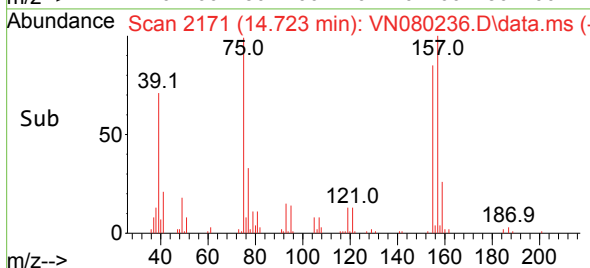
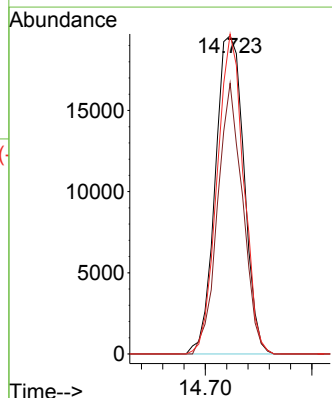
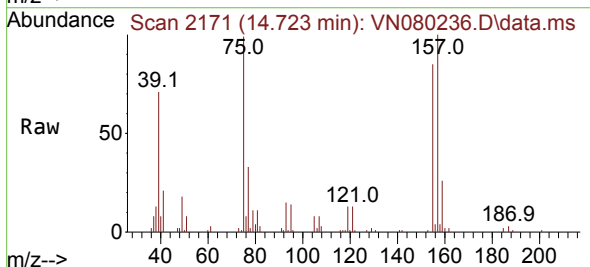


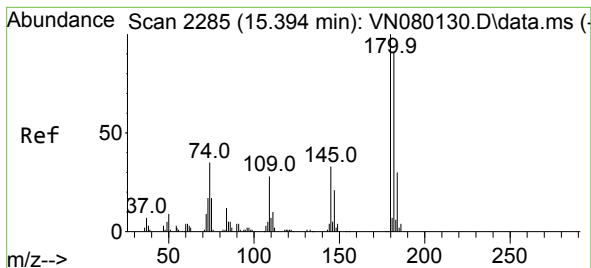
Tgt Ion:146 Resp: 256339  
Ion Ratio Lower Upper  
146 100  
111 45.7 22.0 66.0  
148 63.4 31.8 95.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 43.828 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion: 75 Resp: 36633  
Ion Ratio Lower Upper  
75 100  
155 74.3 39.1 117.2  
157 92.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 46.232 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

Instrument :

MSVOA\_N

ClientSampleId :

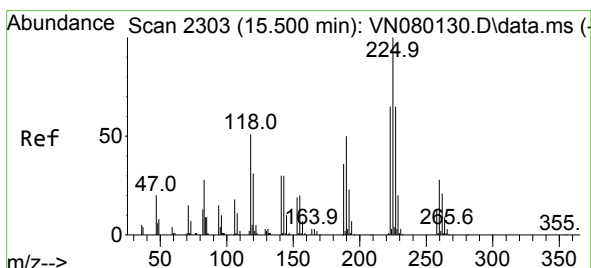
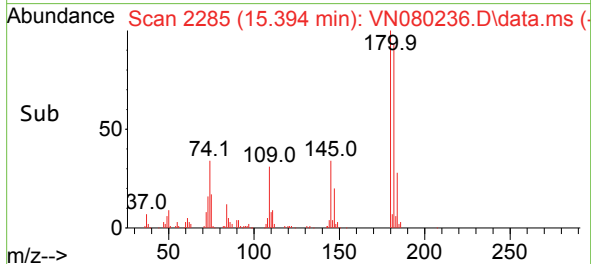
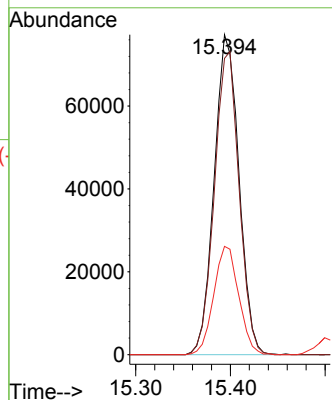
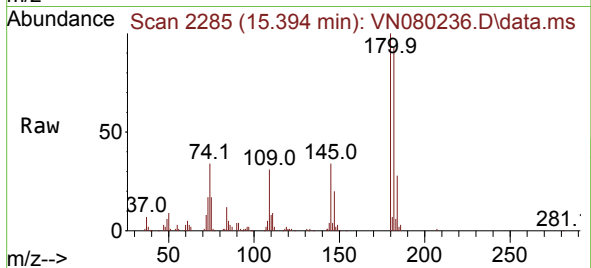
Tgt Ion:180 Resp: 140527

Ion Ratio Lower Upper

180 100

182 94.5 46.1 138.2

145 34.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 44.616 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.005 min

Lab File: VN080236.D

Acq: 22 Nov 2023 10:11

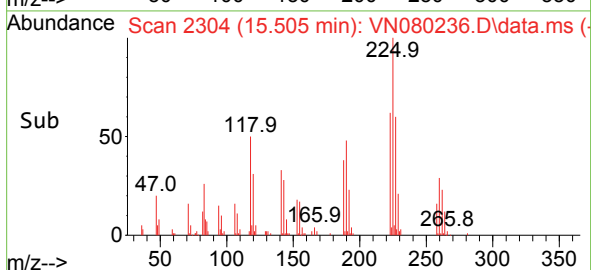
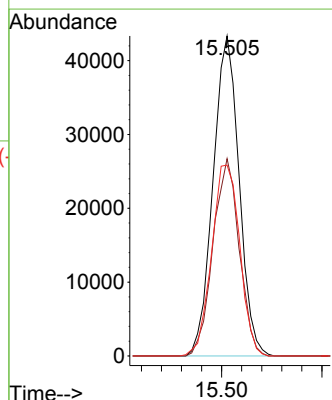
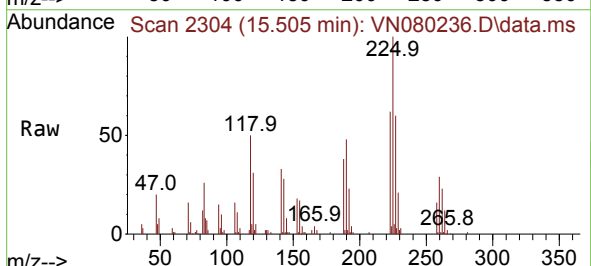
Tgt Ion:225 Resp: 78043

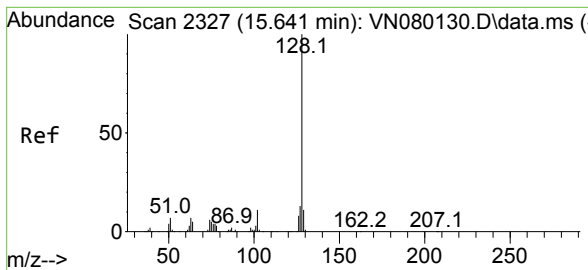
Ion Ratio Lower Upper

225 100

223 62.0 31.3 93.8

227 64.4 31.9 95.9

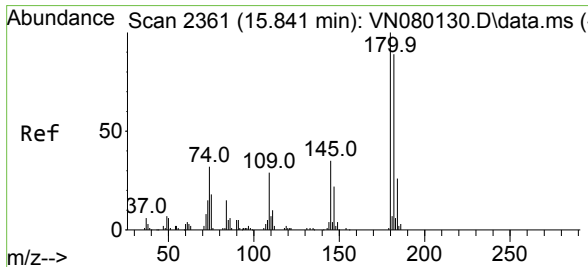
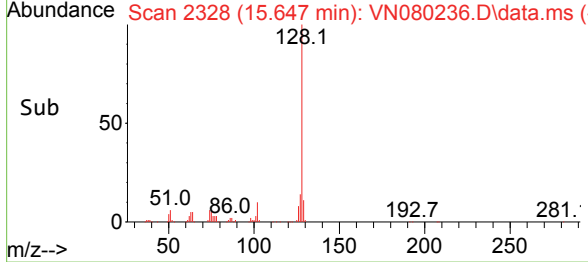
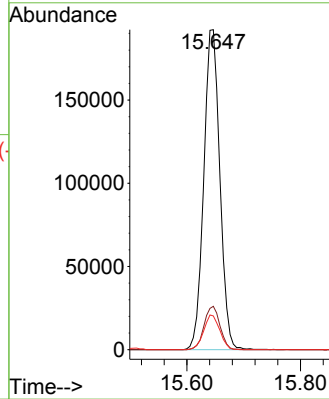
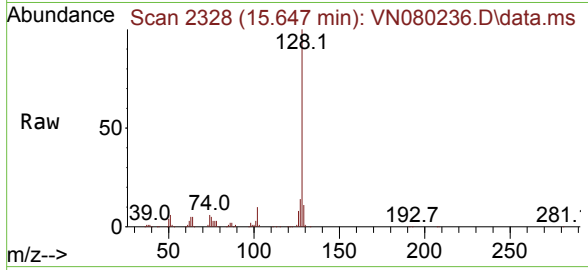




#95  
Naphthalene  
Concen: 42.710 ug/l  
RT: 15.647 min Scan# 2327  
Delta R.T. 0.006 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 376456  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.0 15.0  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 46.877 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VN080236.D  
Acq: 22 Nov 2023 10:11

Tgt Ion:180 Resp: 133555  
Ion Ratio Lower Upper  
180 100  
182 93.0 46.2 138.6  
145 34.7 17.5 52.6

