

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092324\  
 Data File : VN084096.D  
 Acq On : 23 Sep 2024 09:02  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 24 01:26:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 167469   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 289627   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 254029   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 125361   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 125007   | 49.504   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 99.000%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 94156    | 50.781   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 101.560% |
| 50) Toluene-d8              | 10.565 | 98    | 331222   | 51.673   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 103.340% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 128319   | 48.522   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 97.040%  |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 81344   | 41.824  | ug/l   | 94  |
| 3) Chloromethane             | 2.359 | 50  | 91780   | 46.067  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.518 | 62  | 91766   | 43.047  | ug/l   | 100 |
| 5) Bromomethane              | 2.948 | 94  | 58585   | 47.865  | ug/l   | 95  |
| 6) Chloroethane              | 3.118 | 64  | 61373   | 41.042  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 158703  | 43.858  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.959 | 74  | 58162   | 47.950  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 89687   | 46.761  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.589 | 142 | 112122  | 45.964  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 98960   | 292.654 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 82097   | 45.324  | ug/l   | 93  |
| 13) Acrolein                 | 4.177 | 56  | 115874  | 347.304 | ug/l   | 99  |
| 14) Allyl chloride           | 5.024 | 41  | 145943  | 45.218  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.712 | 53  | 243094  | 264.349 | ug/l   | 100 |
| 16) Acetone                  | 4.424 | 43  | 276365  | 273.010 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.712 | 76  | 207570  | 40.966  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.024 | 43  | 123066  | 58.670  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 324750  | 49.545  | ug/l   | 99  |
| 20) Methylene Chloride       | 5.277 | 84  | 98719   | 47.655  | ug/l   | 92  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 87798   | 45.228  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.671 | 45  | 341175  | 51.350  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.600 | 43  | 1265956 | 260.187 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 187785  | 49.058  | ug/l   | 100 |
| 25) 2-Butanone               | 7.483 | 43  | 359139  | 269.929 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 173923  | 49.338  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 112638  | 48.880  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.812 | 49  | 88540   | 54.927  | ug/l   | 96  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 213934  | 271.935 | ug/l   | 97  |
| 30) Chloroform               | 7.965 | 83  | 197261  | 48.541  | ug/l   | 96  |
| 31) Cyclohexane              | 8.253 | 56  | 149720  | 41.024  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 175427  | 46.948  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 130665  | 46.820  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.559 | 43  | 137104  | 54.123  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 149985  | 47.372  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.600 | 83  | 143109  | 45.051  | ug/l   | 99  |
| 40) Benzene                  | 8.606 | 78  | 405626  | 48.290  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092324\  
 Data File : VN084096.D  
 Acq On : 23 Sep 2024 09:02  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 24 01:26:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 80172    | 53.510   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 151645   | 48.314   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.688  | 43   | 257419   | 56.077   | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 94001    | 48.325   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 101969   | 50.226   | ug/l   | 95       |
| 46) Dibromomethane            | 9.706  | 93   | 71858    | 50.532   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.888  | 83   | 159749   | 51.908   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.677  | 41   | 115530   | 53.046   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 38749    | 1081.531 | ug/l # | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 706273   | 282.641  | ug/l   | 98       |
| 52) Toluene                   | 10.629 | 92   | 255288   | 49.687   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 164201   | 52.638   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 171815   | 52.434   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 97869    | 51.022   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 164898   | 55.876   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 172348   | 52.279   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 364559   | 342.834  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 526937   | 285.070  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 116798   | 54.409   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 95712    | 50.033   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 80296    | 47.531   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.888 | 112  | 274209   | 48.568   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 99422    | 50.796   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 503085   | 50.160   | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.070 | 106  | 372876   | 100.138  | ug/l   | 100      |
| 69) o-Xylene                  | 12.394 | 106  | 181560   | 50.367   | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 311547   | 52.662   | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 76467    | 57.976   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.694 | 105  | 471868   | 48.653   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 219308   | 52.998   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 139945   | 49.109   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 189435   | 74.889   | ug/l   | 61       |
| 77) Bromobenzene              | 12.982 | 156  | 108300   | 46.389   | ug/l   | 98       |
| 78) n-propylbenzene           | 13.035 | 91   | 565498   | 50.112   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 345622   | 48.025   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 403588   | 49.357   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 50563    | 52.353   | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 353160   | 48.900   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 346167   | 48.388   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 412258   | 50.191   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 476909   | 50.266   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 405034   | 50.927   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 207847   | 47.174   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 207210   | 46.446   | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.053 | 91   | 360877   | 50.538   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.329 | 117  | 76159    | 47.637   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 203245   | 47.798   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 29679    | 52.246   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 101696   | 44.568   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 45381    | 46.831   | ug/l   | 99       |
| 95) Naphthalene               | 15.635 | 128  | 337215   | 48.576   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 100822   | 46.233   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092324\  
Data File : VN084096.D  
Acq On : 23 Sep 2024 09:02  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

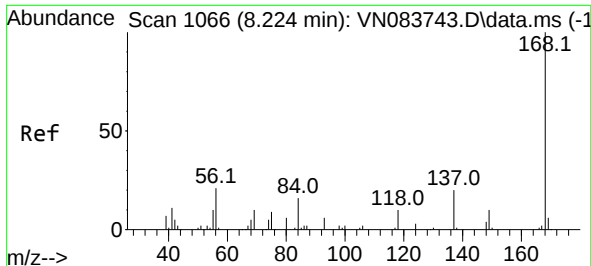
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Sep 24 01:26:13 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration

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

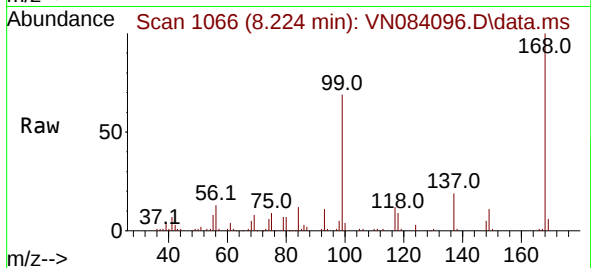
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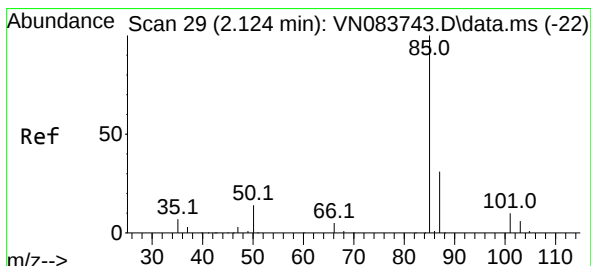
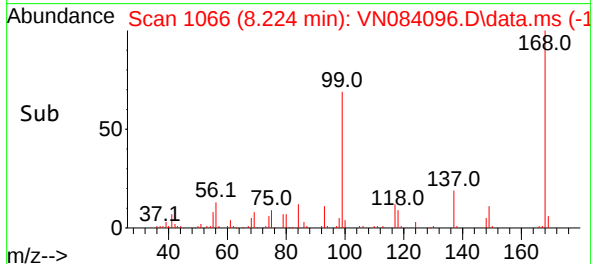
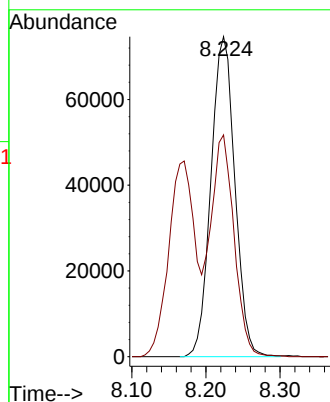


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Instrument :  
MSVOA\_N  
ClientSampleId :

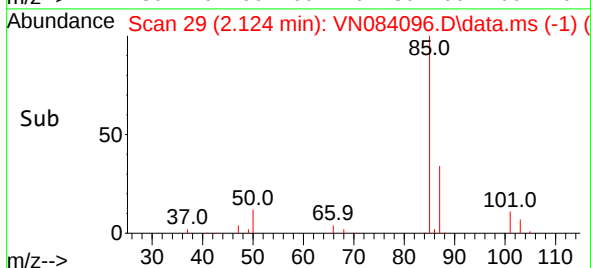
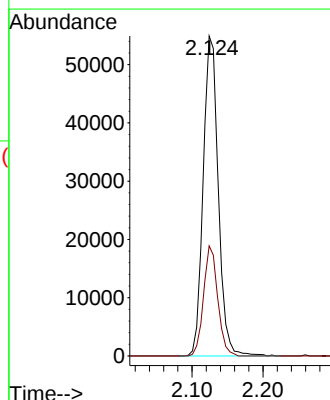
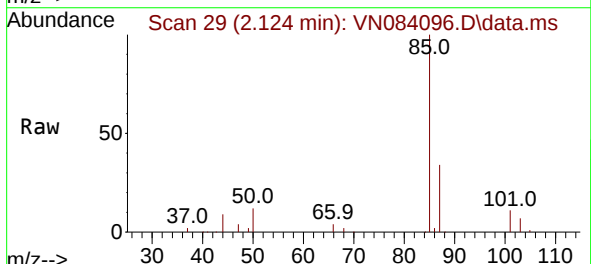


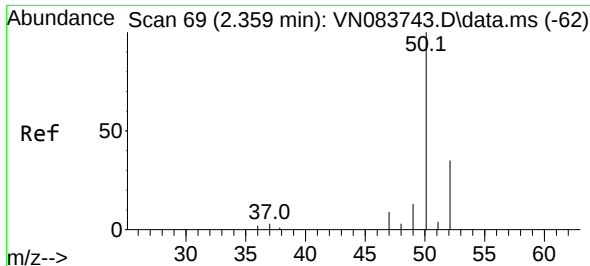
Tgt Ion:168 Resp: 167469  
Ion Ratio Lower Upper  
168 100  
99 69.0 54.2 81.2



#2  
Dichlorodifluoromethane  
Concen: 41.824 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

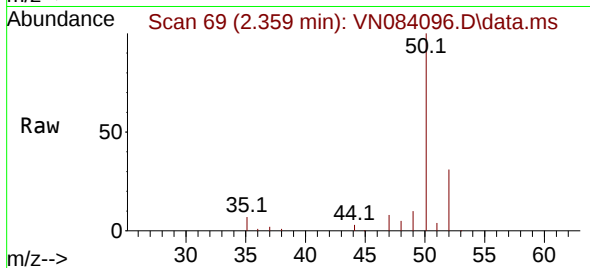
Tgt Ion: 85 Resp: 81344  
Ion Ratio Lower Upper  
85 100  
87 34.4 15.7 47.0



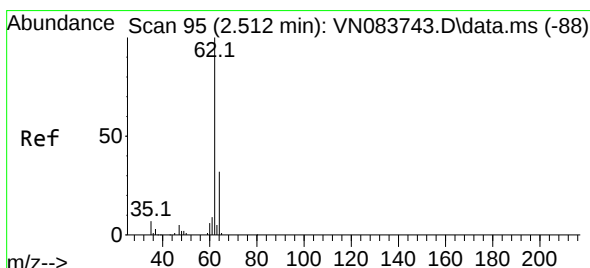
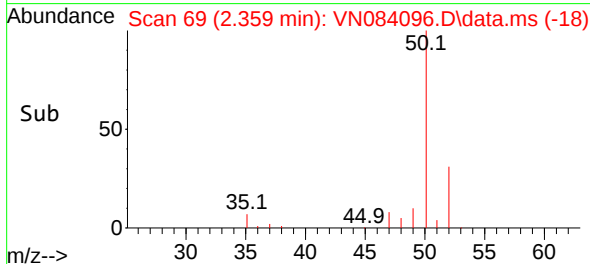
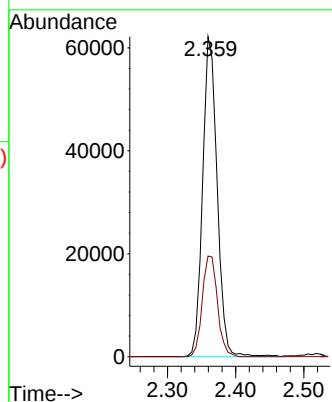


#3  
Chloromethane  
Concen: 46.067 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Instrument :  
MSVOA\_N  
ClientSampleId :

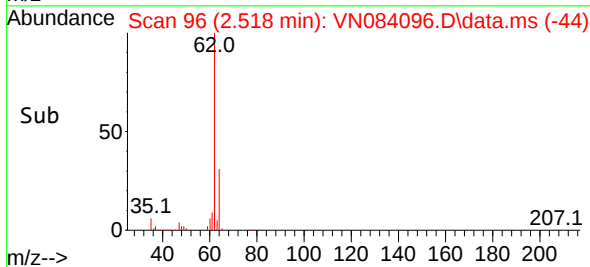
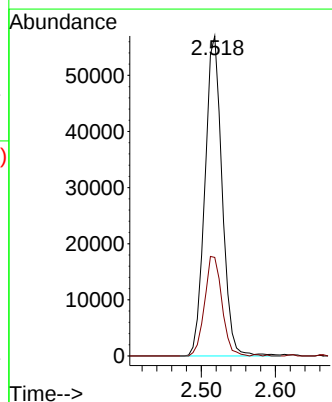
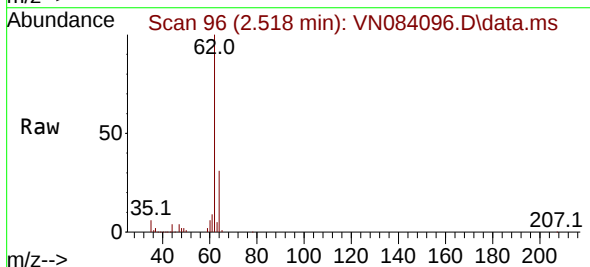


Tgt Ion: 50 Resp: 91780  
Ion Ratio Lower Upper  
50 100  
52 31.4 27.2 40.8



#4  
Vinyl Chloride  
Concen: 43.047 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion: 62 Resp: 91766  
Ion Ratio Lower Upper  
62 100  
64 30.8 24.7 37.1

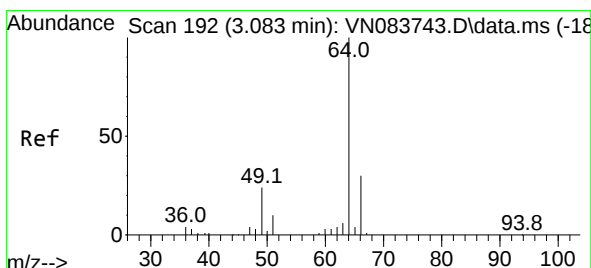
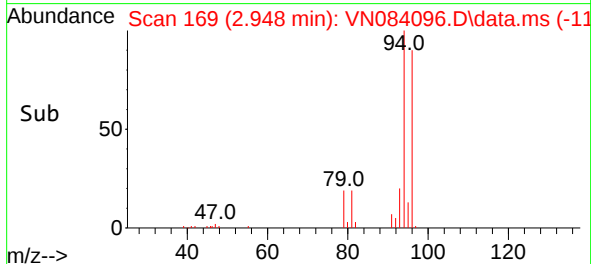
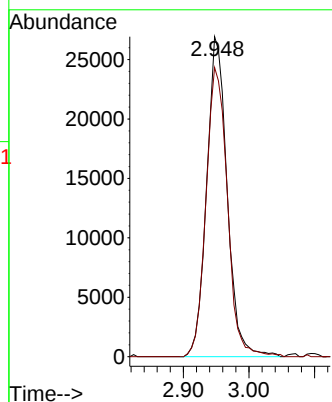
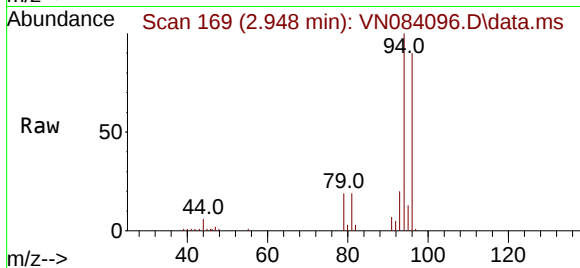




#5  
Bromomethane  
Concen: 47.865 ug/l  
RT: 2.948 min Scan# 1  
Delta R.T. 0.041 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

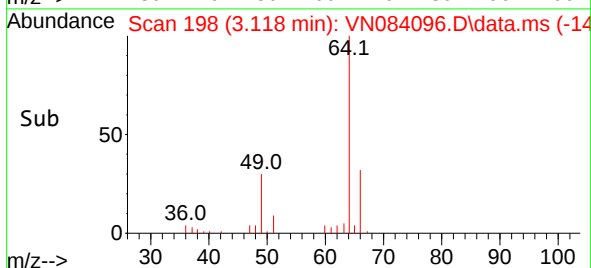
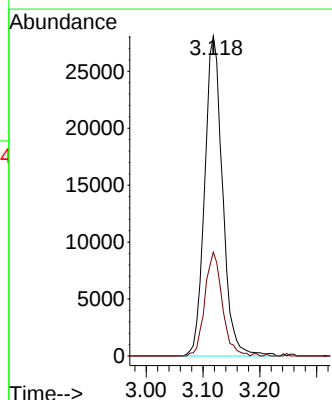
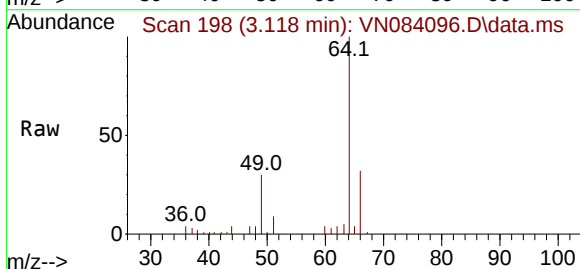
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 94 Resp: 58585  
Ion Ratio Lower Upper  
94 100  
96 90.4 76.0 114.0



#6  
Chloroethane  
Concen: 41.042 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.035 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion: 64 Resp: 61373  
Ion Ratio Lower Upper  
64 100  
66 32.4 23.9 35.9

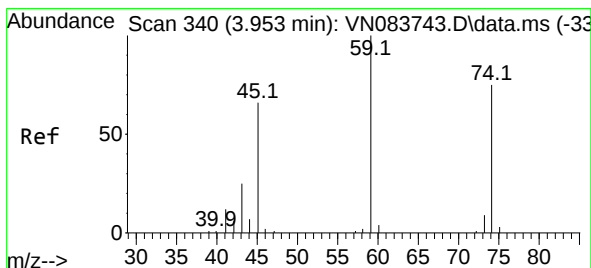
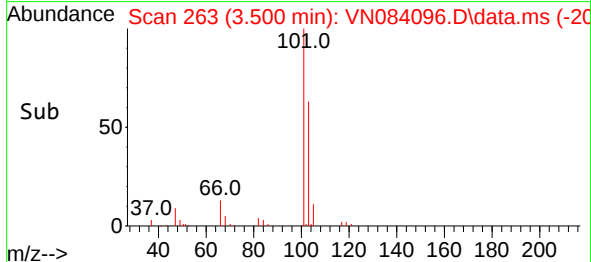
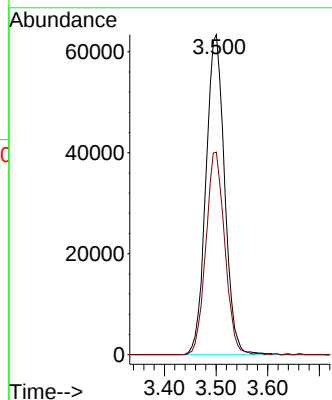
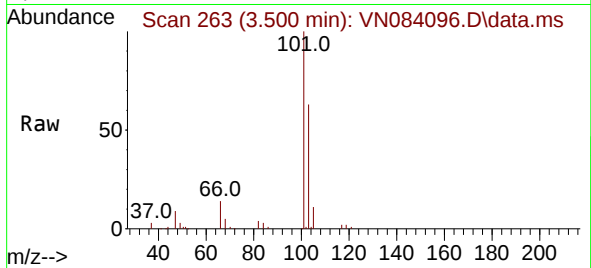




#7  
Trichlorofluoromethane  
Concen: 43.858 ug/l  
RT: 3.500 min Scan# 20  
Delta R.T. 0.029 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

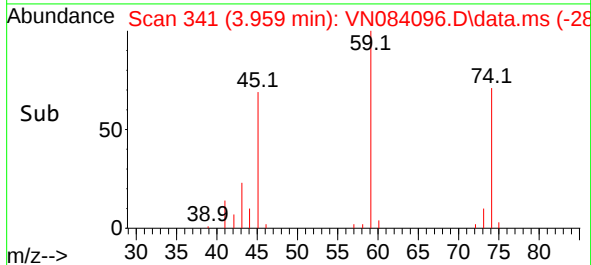
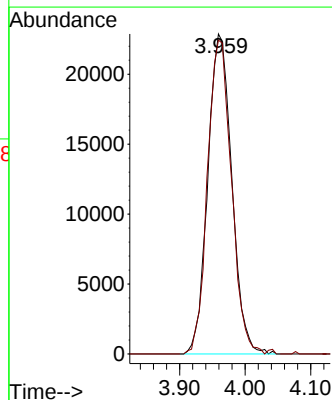
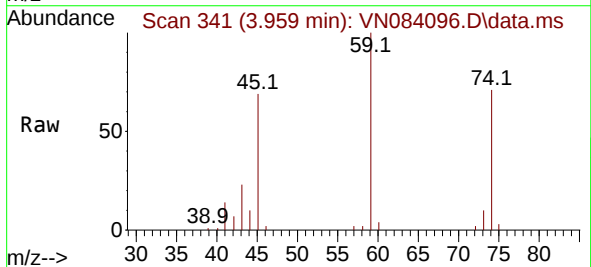
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 158703  
Ion Ratio Lower Upper  
101 100  
103 63.3 51.4 77.0



#8  
Diethyl Ether  
Concen: 47.950 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion: 74 Resp: 58162  
Ion Ratio Lower Upper  
74 100  
45 97.6 46.7 140.1

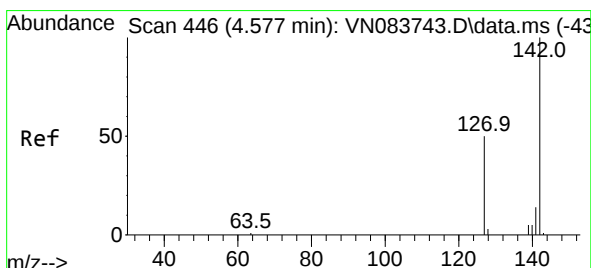
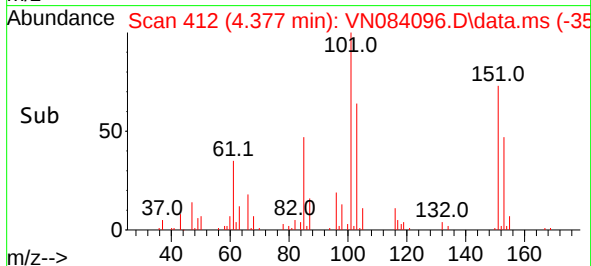
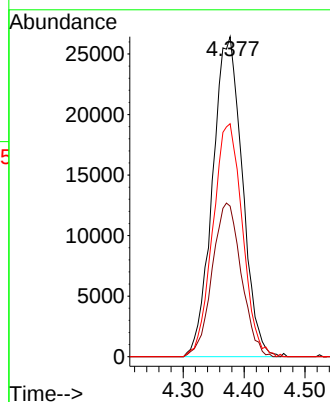
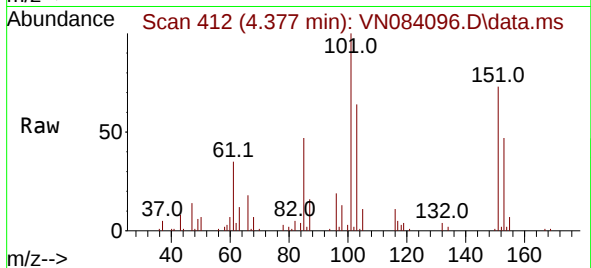




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.761 ug/l  
RT: 4.377 min Scan# 412  
Delta R.T. 0.023 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

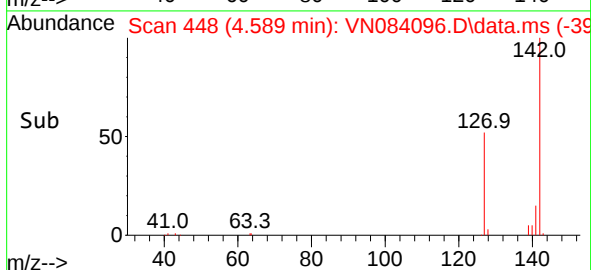
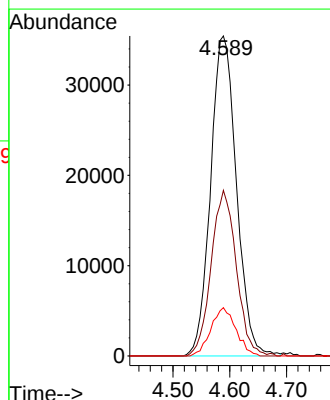
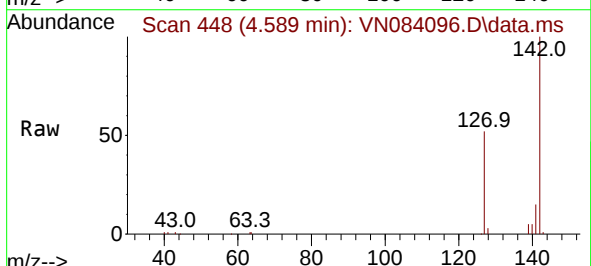
Instrument :  
MSVOA\_N  
ClientSampleId :

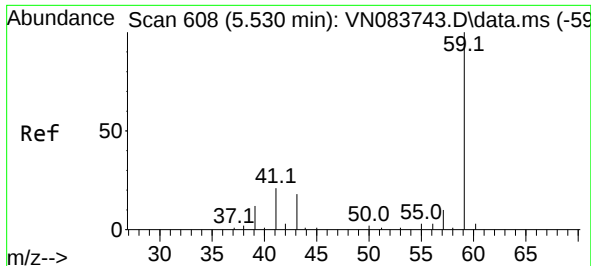
Tgt Ion:101 Resp: 89687  
Ion Ratio Lower Upper  
101 100  
85 47.0 36.2 54.4  
151 72.5 57.7 86.5



#10  
Methyl Iodide  
Concen: 45.964 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.012 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

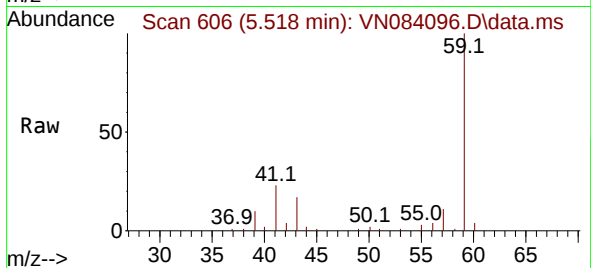
Tgt Ion:142 Resp: 112122  
Ion Ratio Lower Upper  
142 100  
127 51.7 37.5 56.3  
141 15.1 11.0 16.4



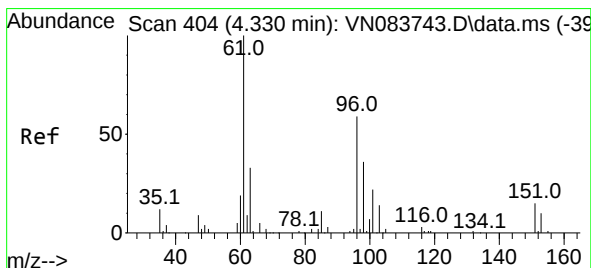
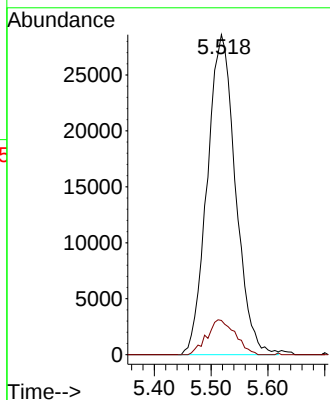
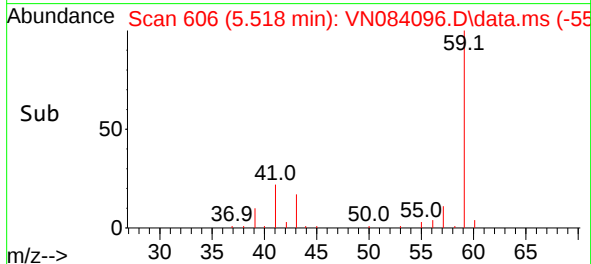


#11  
Tert butyl alcohol  
Concen: 292.654 ug/l  
RT: 5.518 min Scan# 608  
Delta R.T. -0.012 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

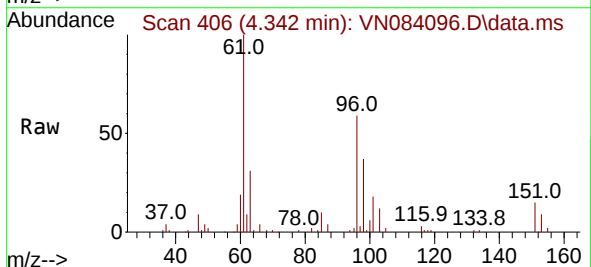
Instrument :  
MSVOA\_N  
ClientSampleId :



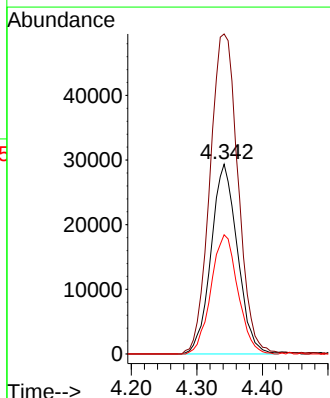
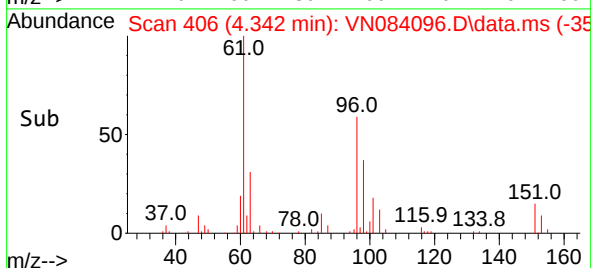
Tgt Ion: 59 Resp: 98960  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.7 13.1

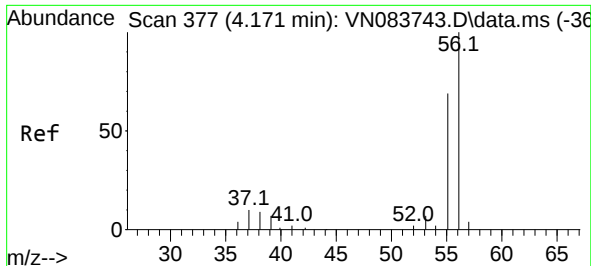


#12  
1,1-Dichloroethene  
Concen: 45.324 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.012 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02



Tgt Ion: 96 Resp: 82097  
Ion Ratio Lower Upper  
96 100  
61 168.6 143.4 215.0  
98 62.8 52.7 79.1

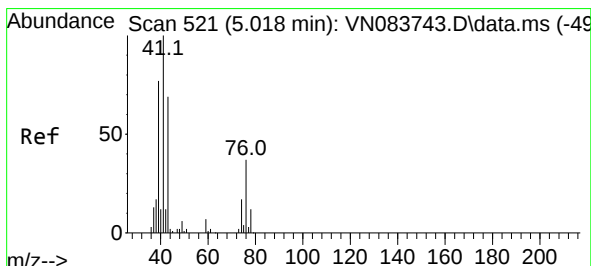
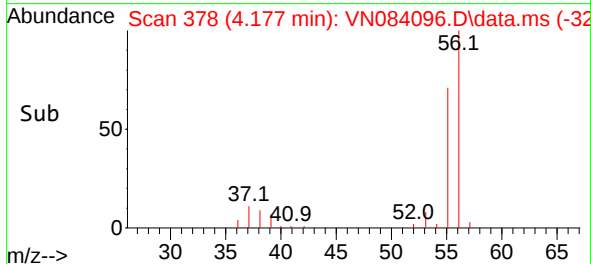
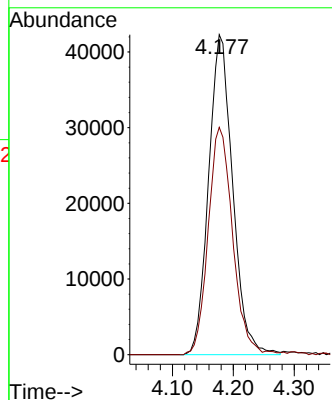
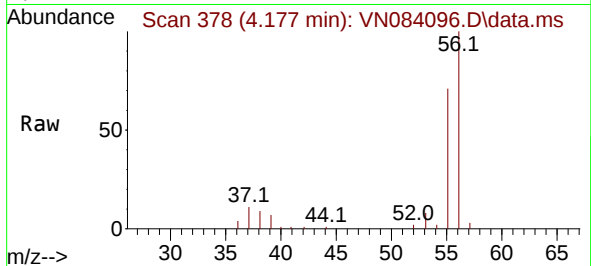




#13  
Acrolein  
Concen: 347.304 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

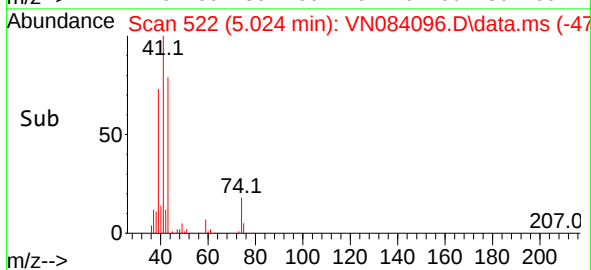
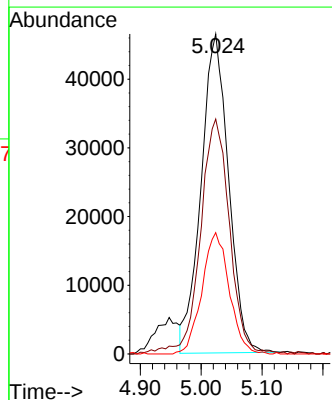
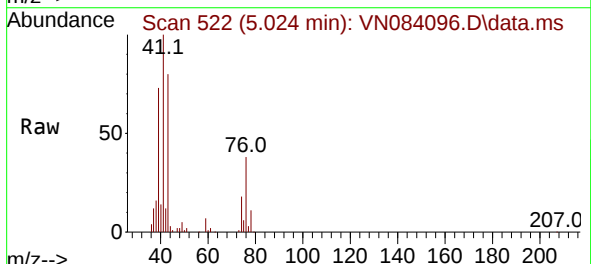
Instrument :  
MSVOA\_N  
ClientSampleId :

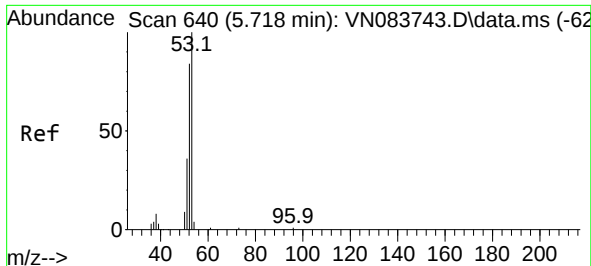
Tgt Ion: 56 Resp: 115874  
Ion Ratio Lower Upper  
56 100  
55 72.2 58.2 87.2



#14  
Allyl chloride  
Concen: 45.218 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

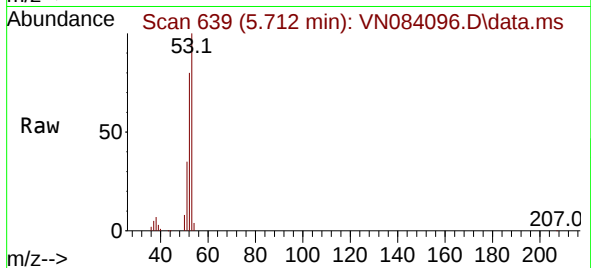
Tgt Ion: 41 Resp: 145943  
Ion Ratio Lower Upper  
41 100  
39 77.8 59.3 88.9  
76 37.7 27.7 41.5





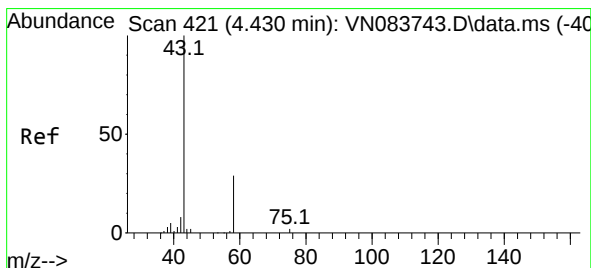
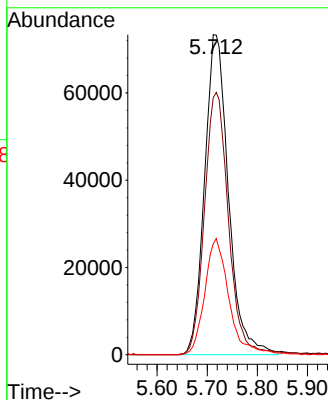
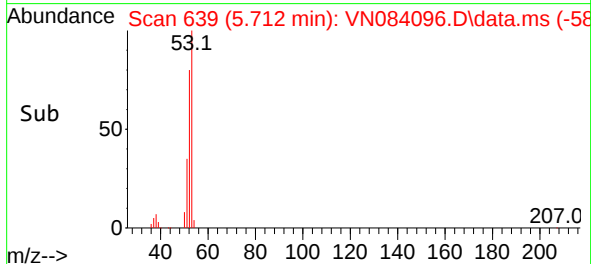
#15  
Acrylonitrile  
Concen: 264.349 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 53 Resp: 243094

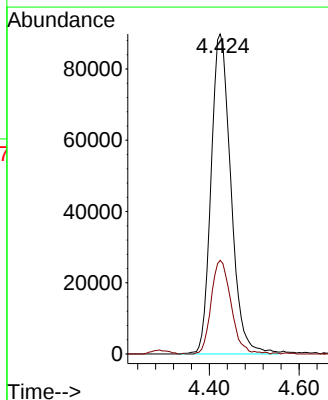
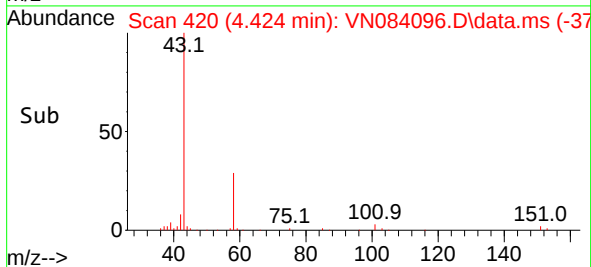
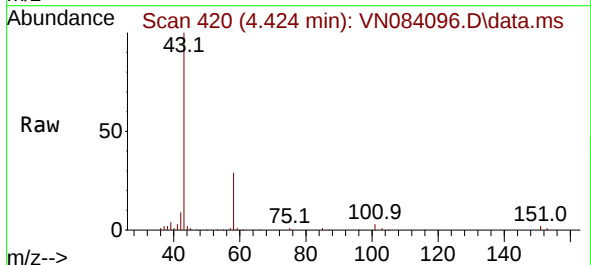
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.6  | 66.1  | 99.1  |
| 51  | 36.8  | 29.6  | 44.4  |

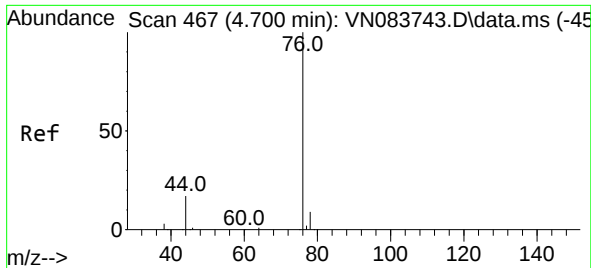


#16  
Acetone  
Concen: 273.010 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.006 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion: 43 Resp: 276365

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.2  | 23.7  | 35.5  |





#17

Carbon Disulfide

Concen: 40.966 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.012 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

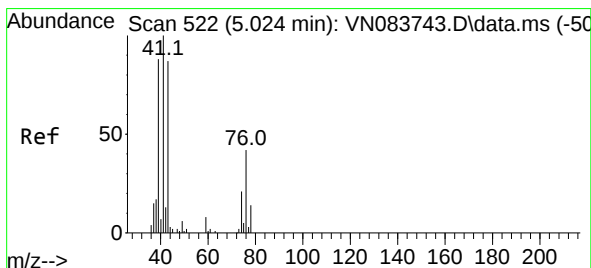
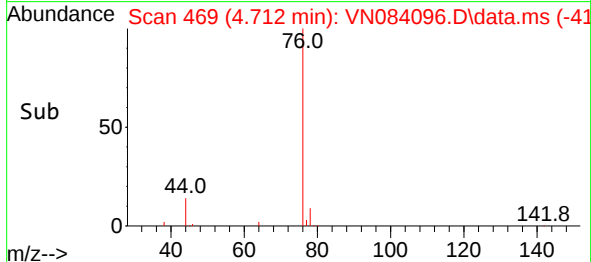
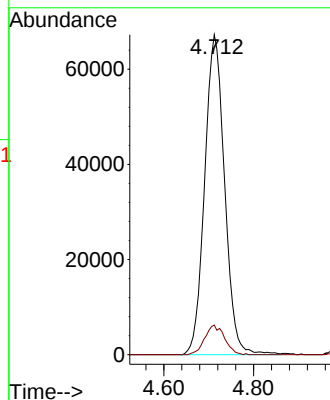
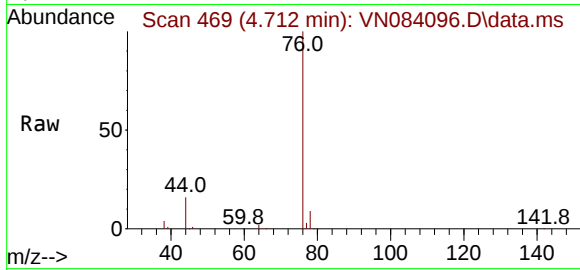
ClientSampleId :

Tgt Ion: 76 Resp: 207570

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



#18

Methyl Acetate

Concen: 58.670 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN084096.D

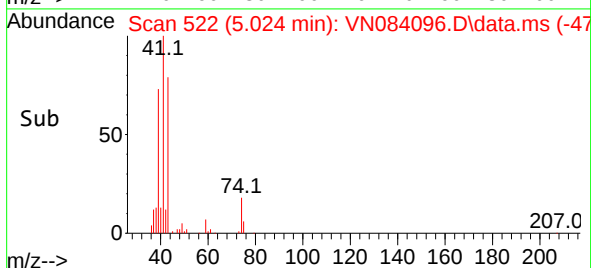
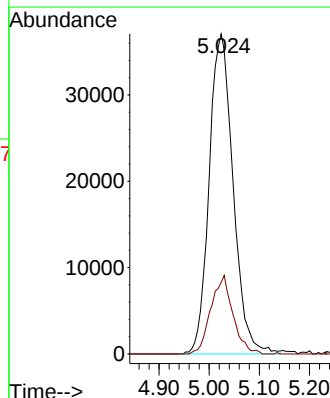
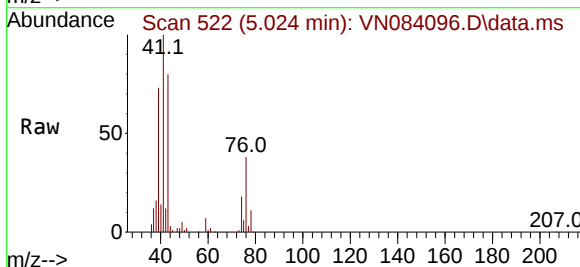
Acq: 23 Sep 2024 09:02

Tgt Ion: 43 Resp: 123066

Ion Ratio Lower Upper

43 100

74 22.6 19.0 28.4





#19

Methyl tert-butyl Ether

Concen: 49.545 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

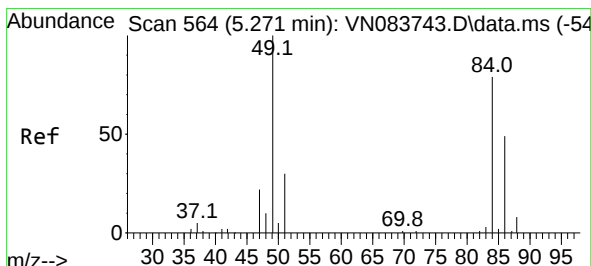
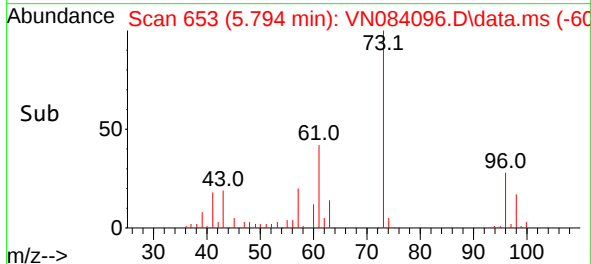
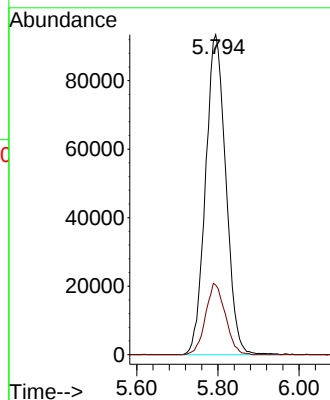
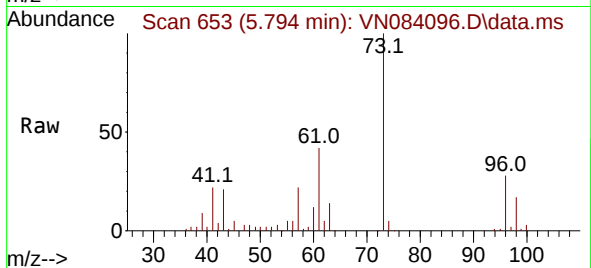
ClientSampleId :

Tgt Ion: 73 Resp: 324750

Ion Ratio Lower Upper

73 100

57 21.7 17.0 25.6



#20

Methylene Chloride

Concen: 47.655 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Tgt Ion: 84 Resp: 98719

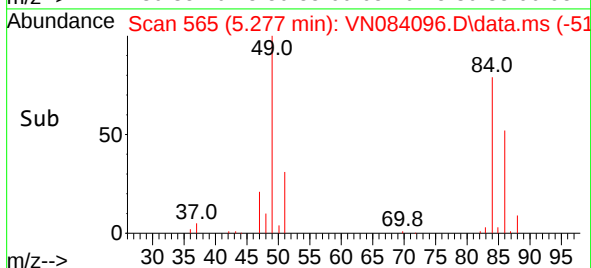
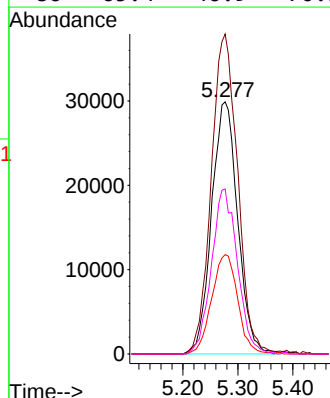
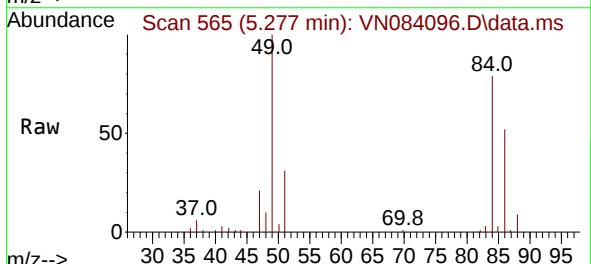
Ion Ratio Lower Upper

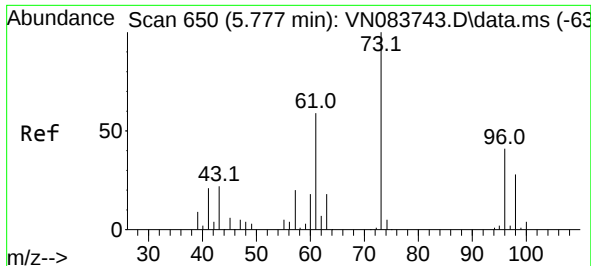
84 100

49 126.9 93.4 140.0

51 39.4 29.2 43.8

86 65.4 46.9 70.3

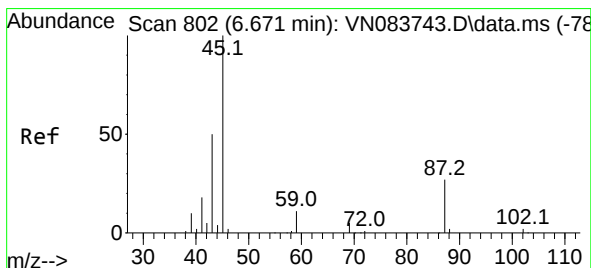
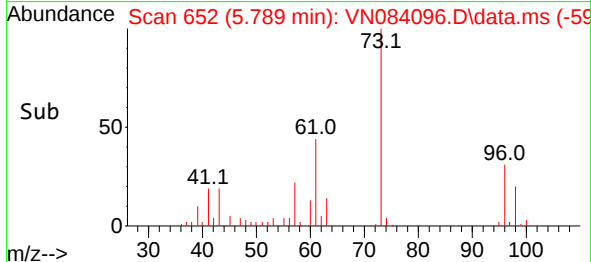
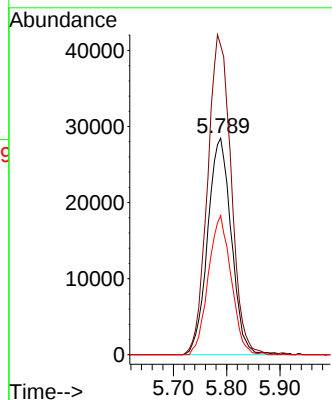
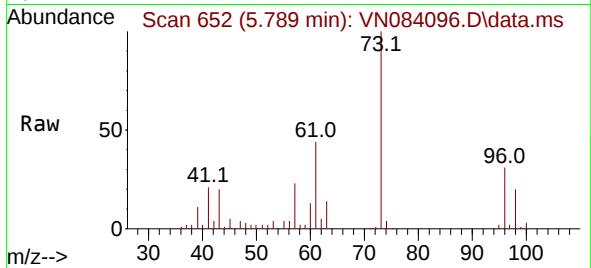




#21  
trans-1,2-Dichloroethene  
Concen: 45.228 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

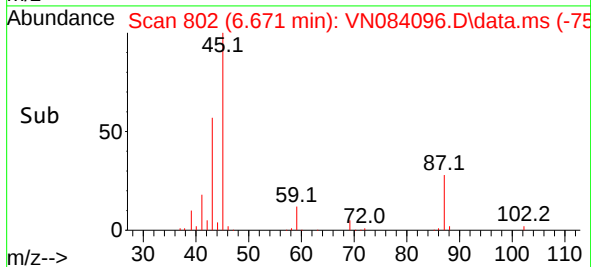
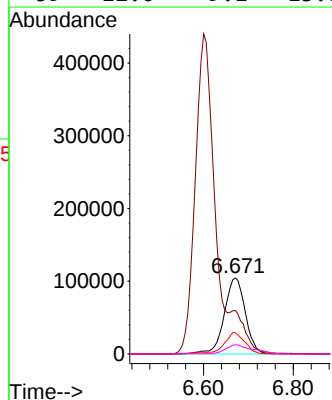
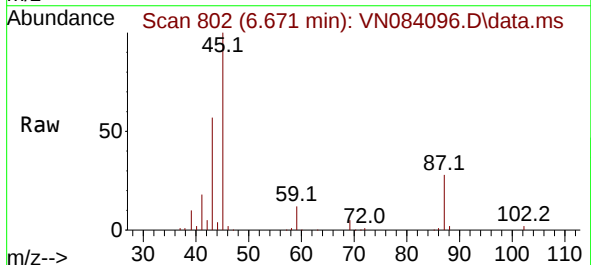
Instrument :  
MSVOA\_N  
ClientSampleId :

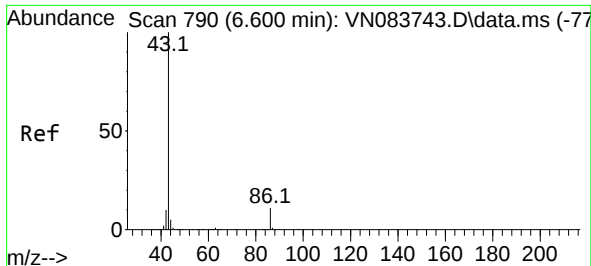
Tgt Ion: 96 Resp: 87798  
Ion Ratio Lower Upper  
96 100  
61 142.8 106.0 159.0  
98 64.2 52.2 78.2



#22  
Diisopropyl ether  
Concen: 51.350 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion: 45 Resp: 341175  
Ion Ratio Lower Upper  
45 100  
43 56.4 43.4 65.0  
87 27.8 22.6 33.8  
59 12.0 9.1 13.7

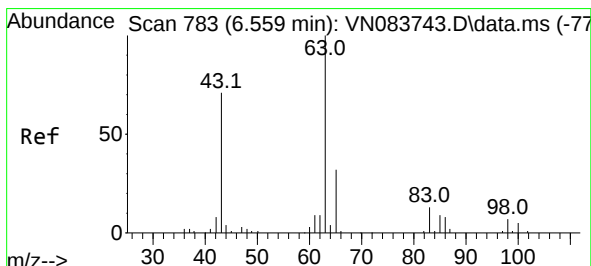
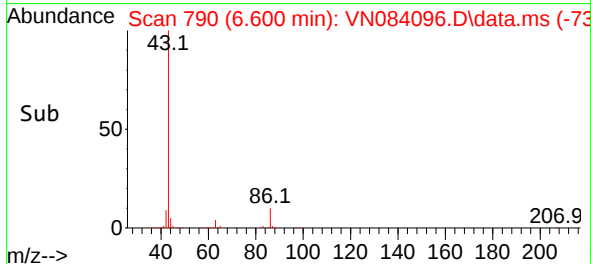
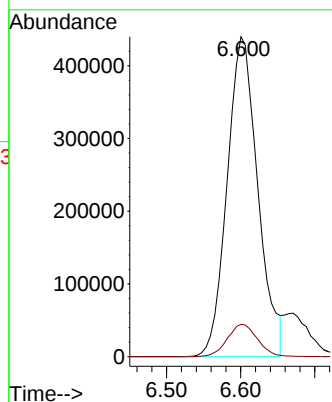
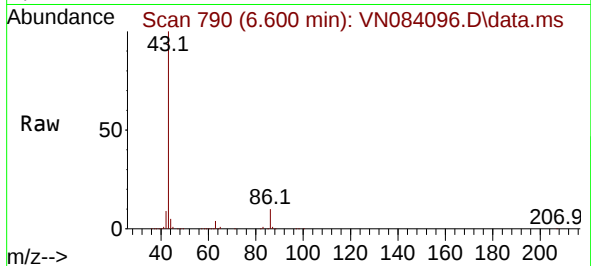




#23  
 Vinyl Acetate  
 Concen: 260.187 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN084096.D  
 Acq: 23 Sep 2024 09:02

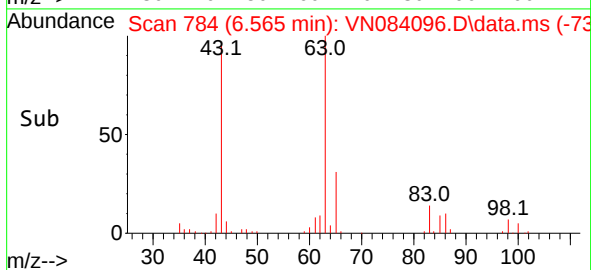
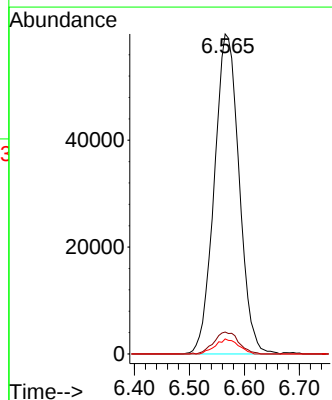
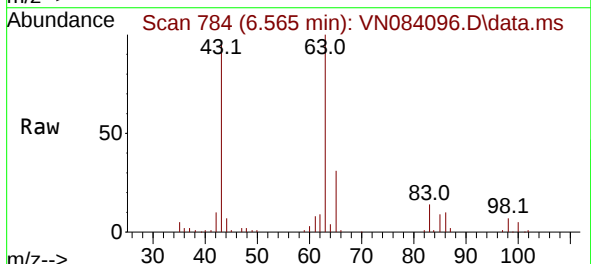
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 1265956  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 8.7 13.1



#24  
 1,1-Dichloroethane  
 Concen: 49.058 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.006 min  
 Lab File: VN084096.D  
 Acq: 23 Sep 2024 09:02

Tgt Ion: 63 Resp: 187785  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.5 10.4  
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 269.929 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

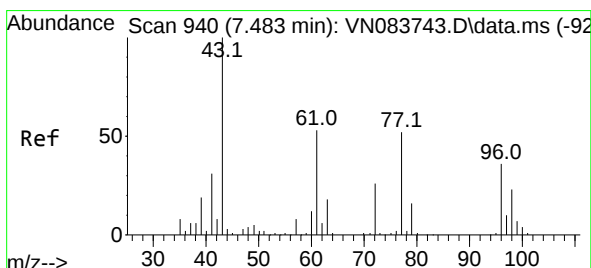
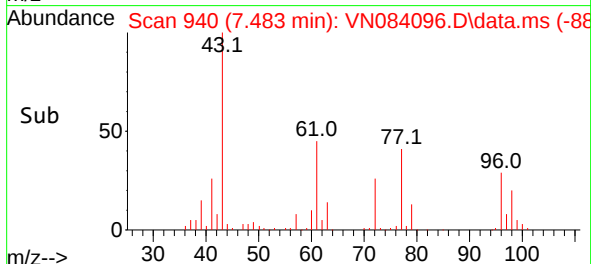
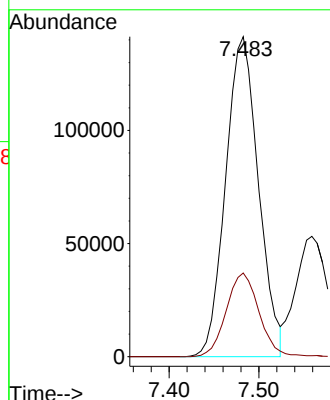
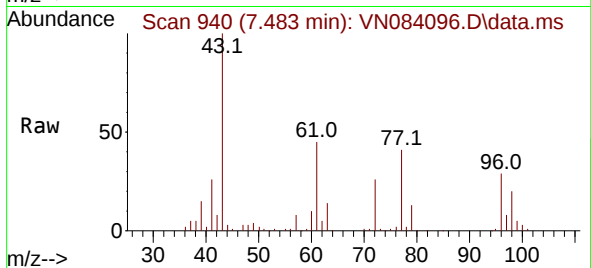
ClientSampleId :

Tgt Ion: 43 Resp: 359139

Ion Ratio Lower Upper

43 100

72 26.2 20.8 31.2



#26

2,2-Dichloropropane

Concen: 49.338 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN084096.D

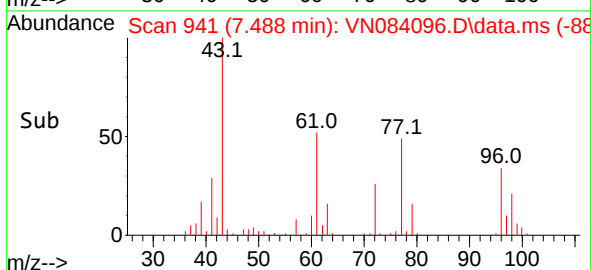
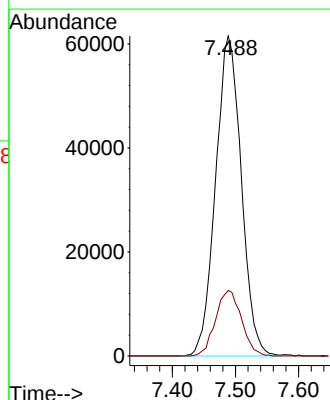
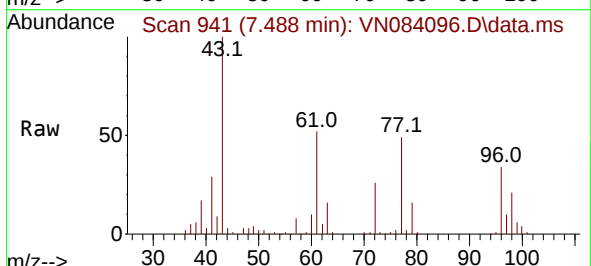
Acq: 23 Sep 2024 09:02

Tgt Ion: 77 Resp: 173923

Ion Ratio Lower Upper

77 100

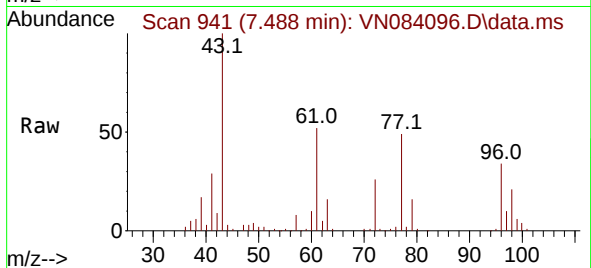
97 20.6 10.2 30.4





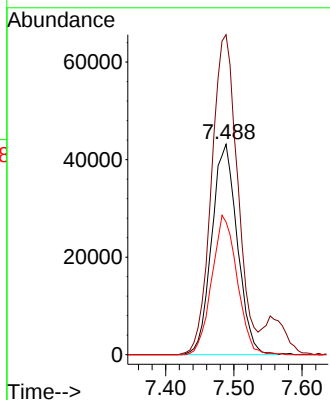
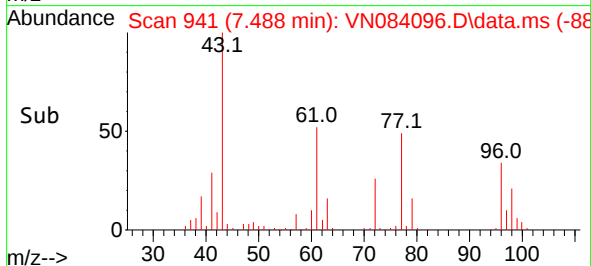
#27  
 cis-1,2-Dichloroethene  
 Concen: 48.880 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN084096.D  
 Acq: 23 Sep 2024 09:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :

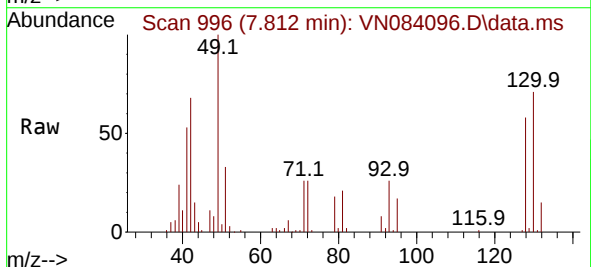


Tgt Ion: 96 Resp: 112638

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 155.4 | 0.0   | 306.2 |
| 98  | 65.6  | 0.0   | 128.6 |

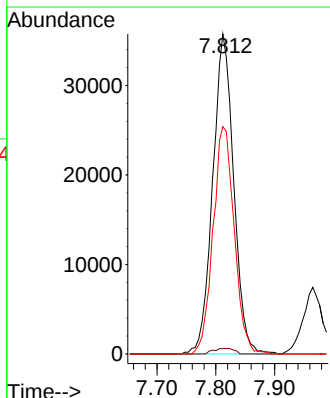
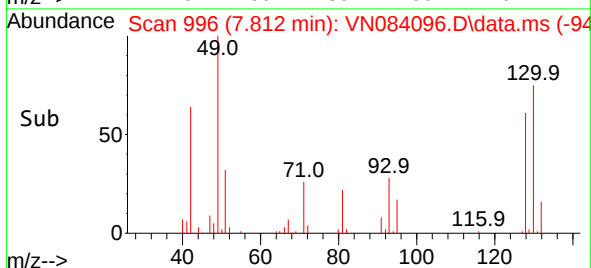


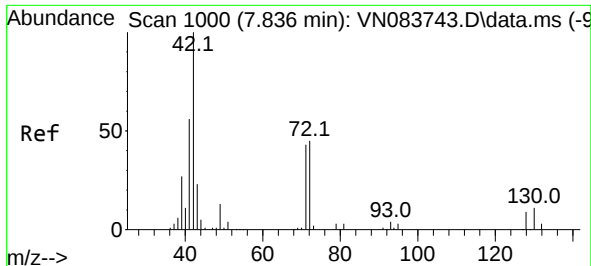
#28  
 Bromochloromethane  
 Concen: 54.927 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.000 min  
 Lab File: VN084096.D  
 Acq: 23 Sep 2024 09:02



Tgt Ion: 49 Resp: 88540

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.7   | 0.0   | 3.4   |
| 130 | 71.7  | 60.2  | 90.2  |





#29

Tetrahydrofuran

Concen: 271.935 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

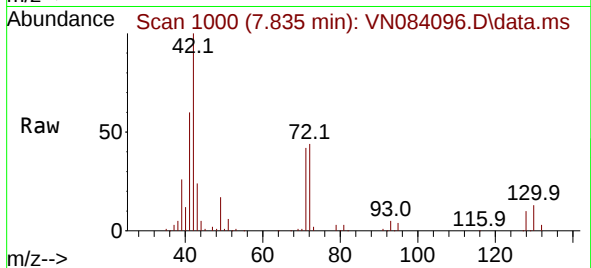
Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

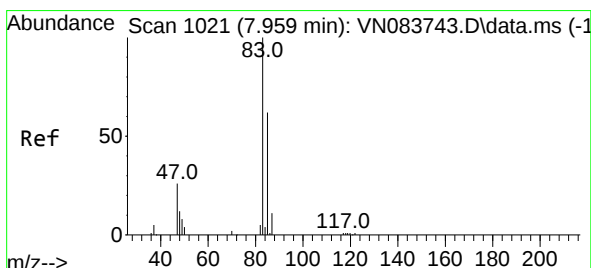
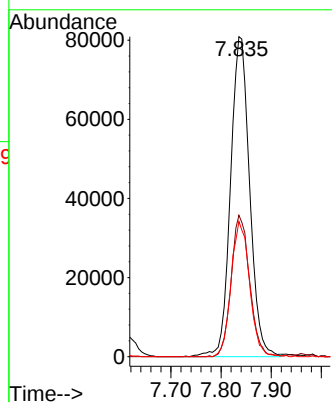
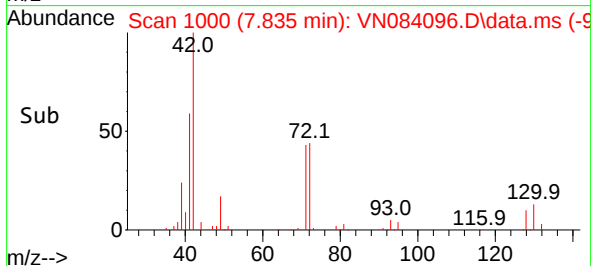
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 213934 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 42.7  | 35.9  | 53.9   |
| 71       | 41.0  | 33.9  | 50.9   |



#30

Chloroform

Concen: 48.541 ug/l

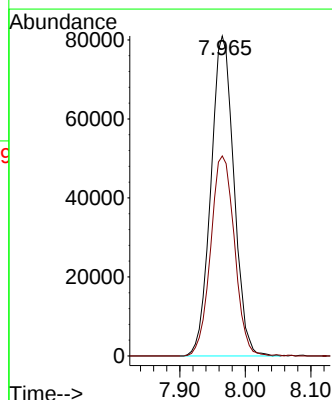
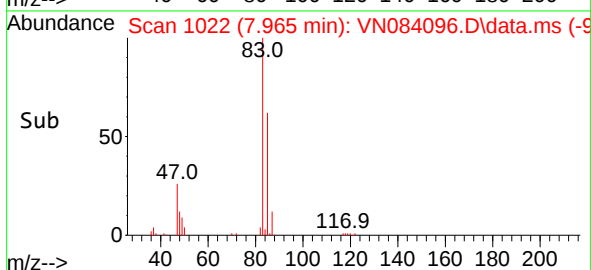
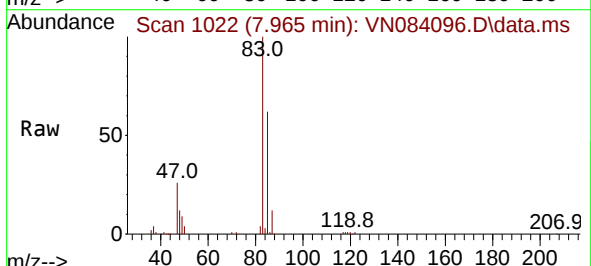
RT: 7.965 min Scan# 1022

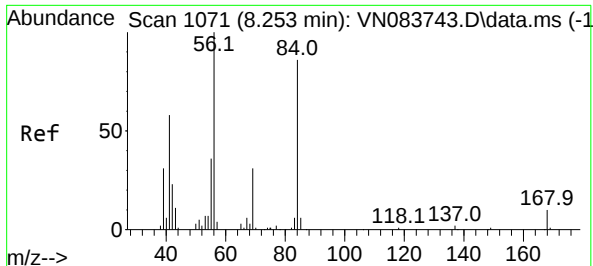
Delta R.T. 0.006 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

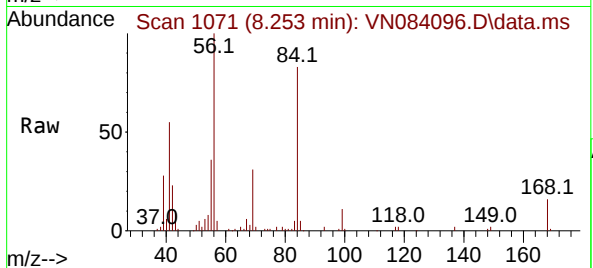
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 197261 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.5  | 52.8  | 79.2   |



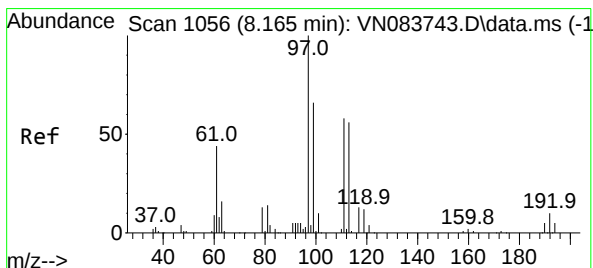
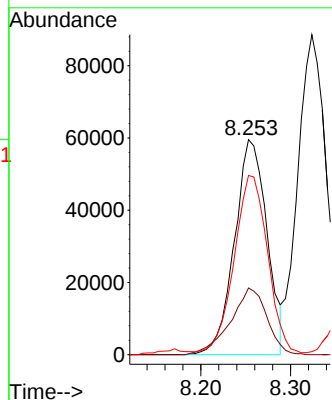
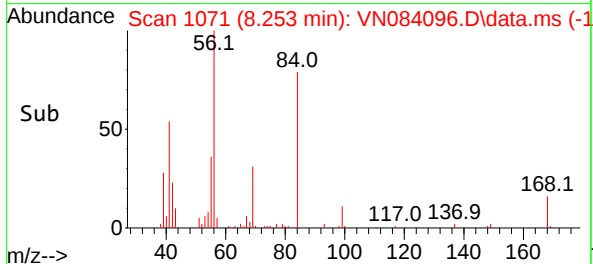


#31  
Cyclohexane  
Concen: 41.024 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

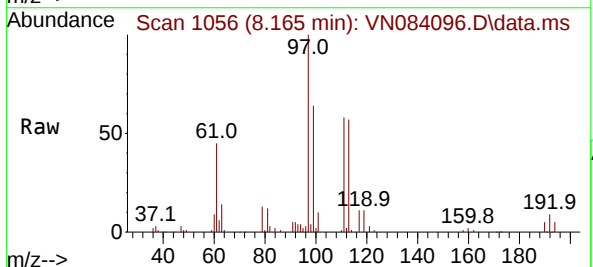
Instrument :  
MSVOA\_N  
ClientSampleId :



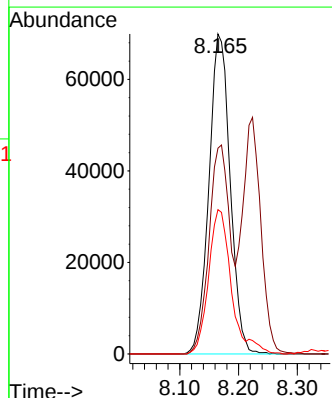
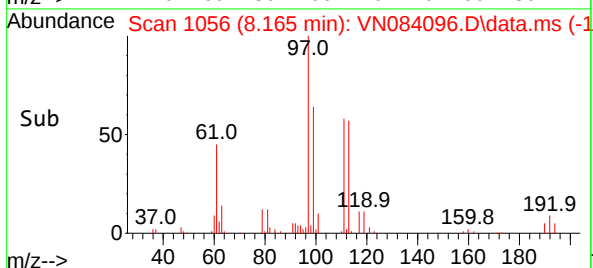
Tgt Ion: 56 Resp: 149720  
Ion Ratio Lower Upper  
56 100  
69 31.1 26.9 40.3  
84 81.6 69.2 103.8



#32  
1,1,1-Trichloroethane  
Concen: 46.948 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02



Tgt Ion: 97 Resp: 175427  
Ion Ratio Lower Upper  
97 100  
99 64.7 52.3 78.5  
61 48.4 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 49.504 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

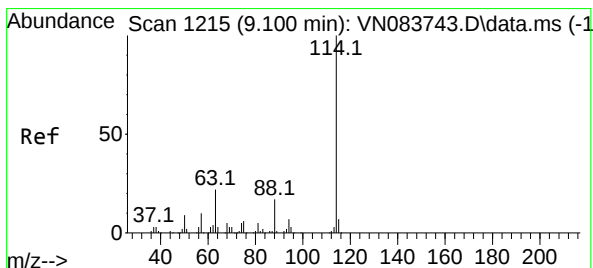
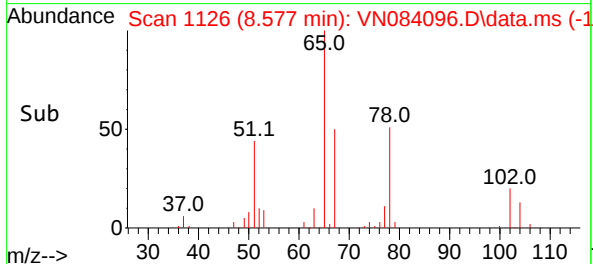
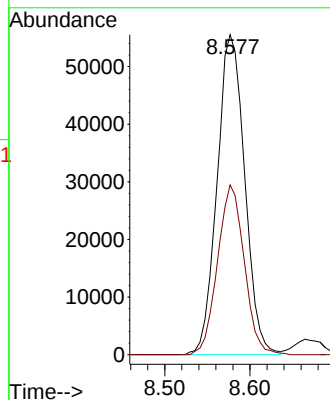
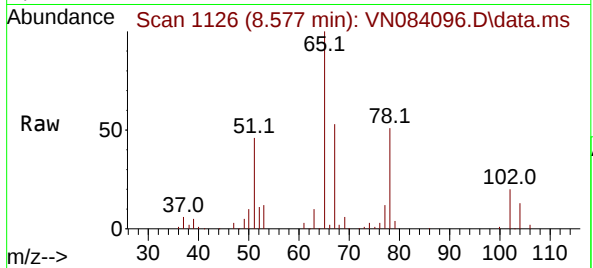
ClientSampleId :

Tgt Ion: 65 Resp: 125007

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

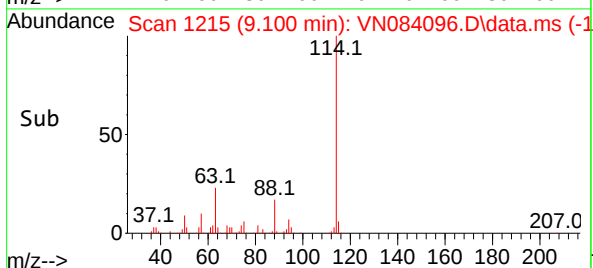
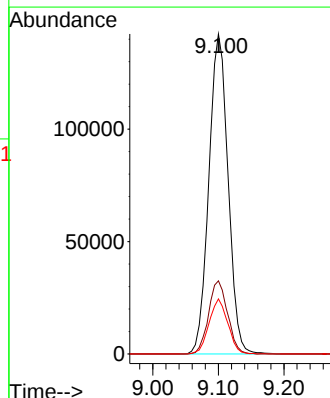
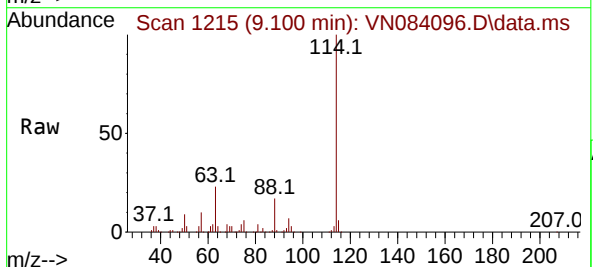
Tgt Ion: 114 Resp: 289627

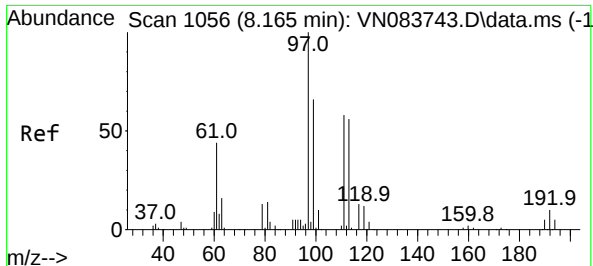
Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

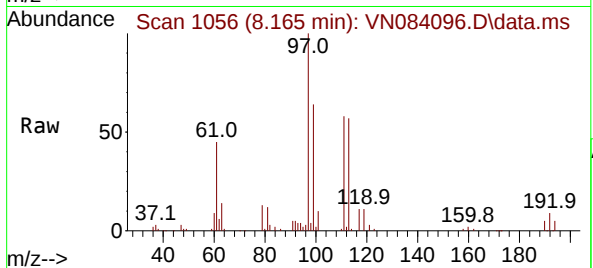
88 17.2 0.0 32.6



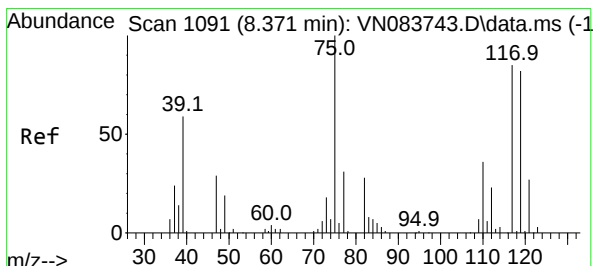
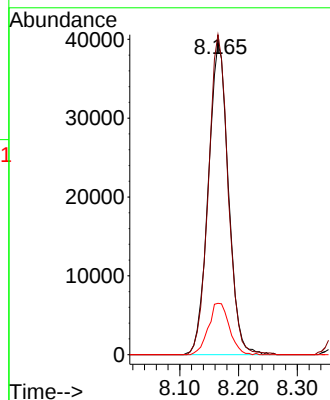
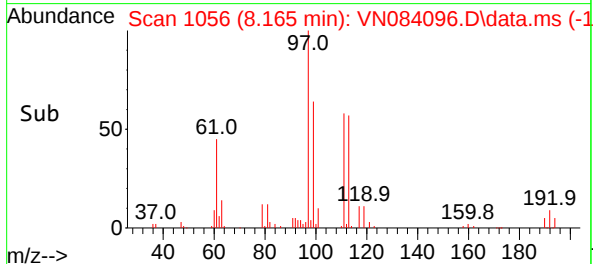


#35  
Dibromofluoromethane  
Concen: 50.781 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

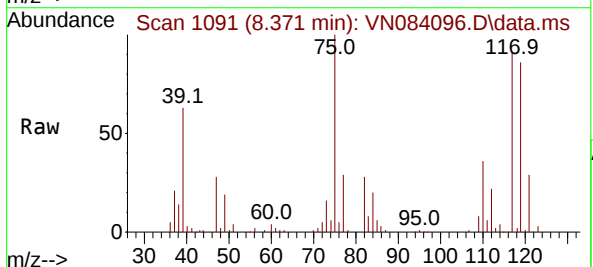
Instrument :  
MSVOA\_N  
ClientSampleId :



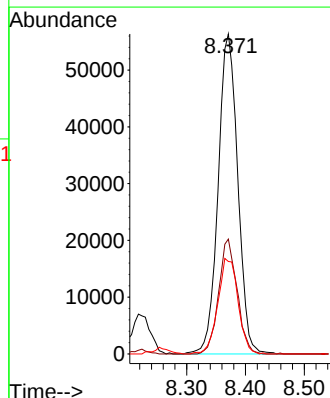
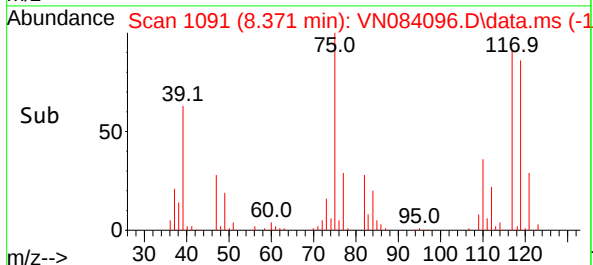
Tgt Ion:113 Resp: 94156  
Ion Ratio Lower Upper  
113 100  
111 100.2 82.6 124.0  
192 17.1 14.3 21.5

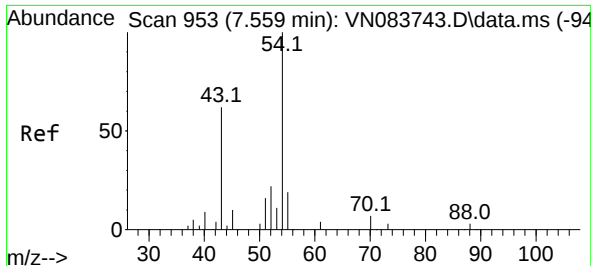


#36  
1,1-Dichloropropene  
Concen: 46.820 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02



Tgt Ion: 75 Resp: 130665  
Ion Ratio Lower Upper  
75 100  
110 33.8 16.7 50.1  
77 30.7 25.2 37.8





#37

Ethyl Acetate

Concen: 54.123 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

ClientSampleId :

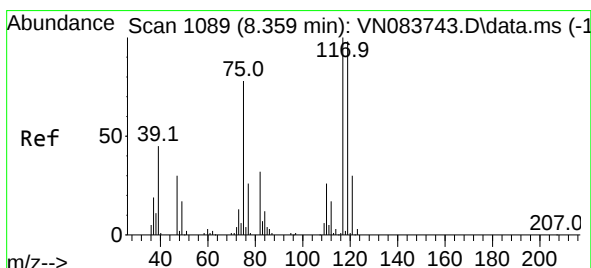
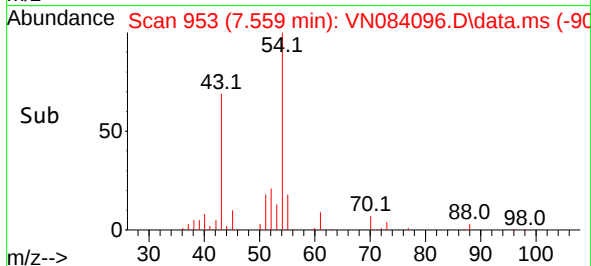
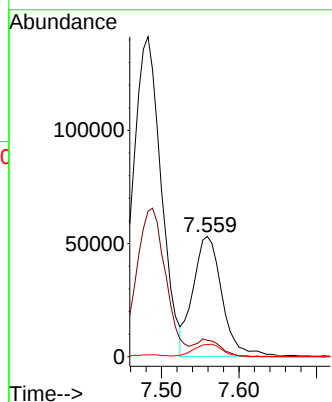
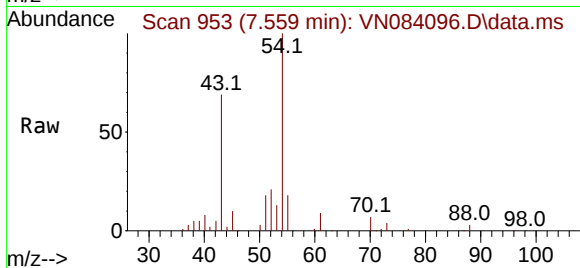
Tgt Ion: 43 Resp: 137104

Ion Ratio Lower Upper

43 100

61 12.8 11.1 16.7

70 10.5 8.8 13.2



#38

Carbon Tetrachloride

Concen: 47.372 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

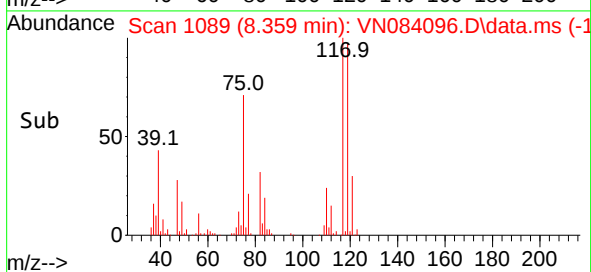
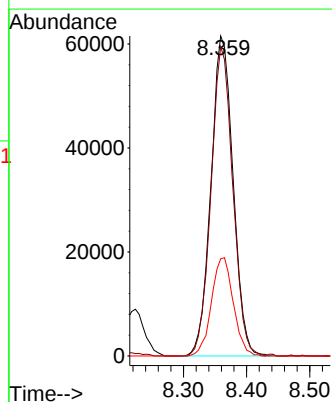
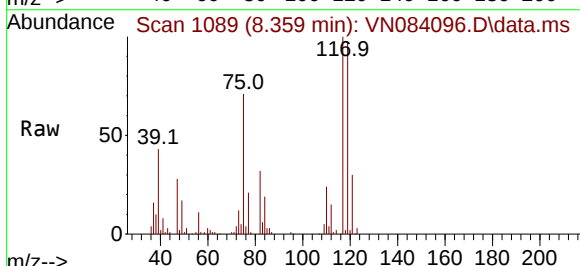
Tgt Ion: 117 Resp: 149985

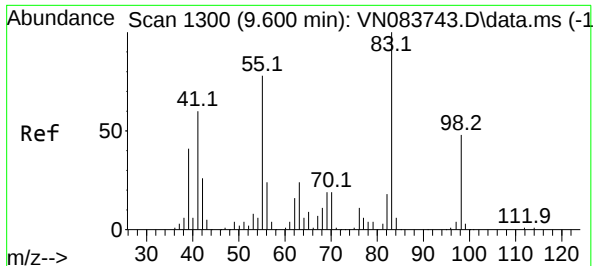
Ion Ratio Lower Upper

117 100

119 96.7 76.1 114.1

121 30.3 24.1 36.1





#39

Methylcyclohexane

Concen: 45.051 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

ClientSampleId :

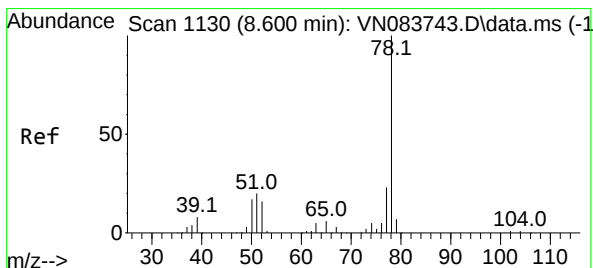
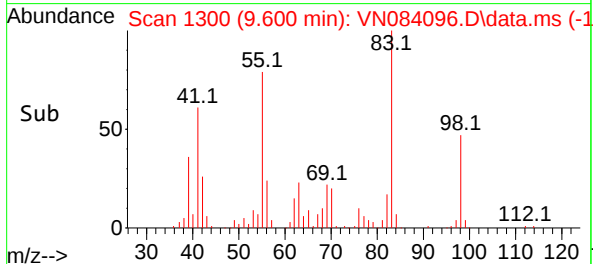
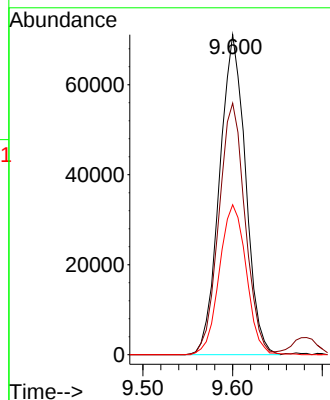
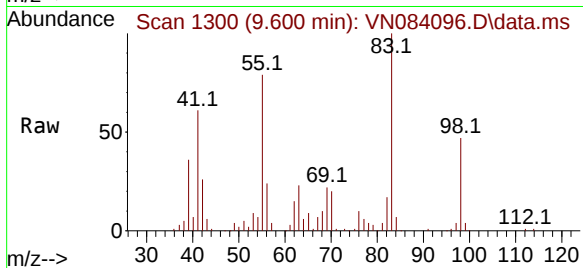
Tgt Ion: 83 Resp: 143109

Ion Ratio Lower Upper

83 100

55 78.6 62.2 93.4

98 46.8 37.6 56.4



#40

Benzene

Concen: 48.290 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084096.D

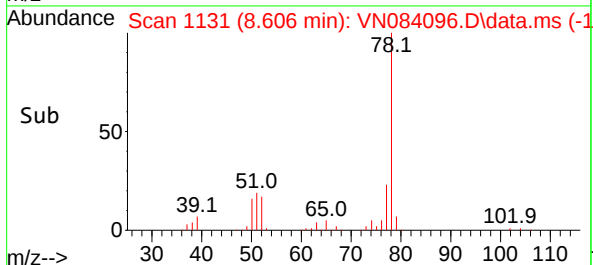
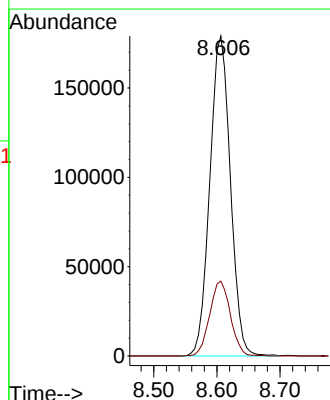
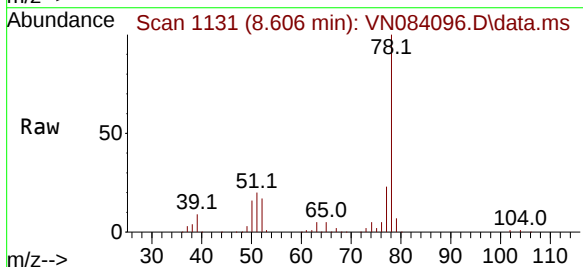
Acq: 23 Sep 2024 09:02

Tgt Ion: 78 Resp: 405626

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

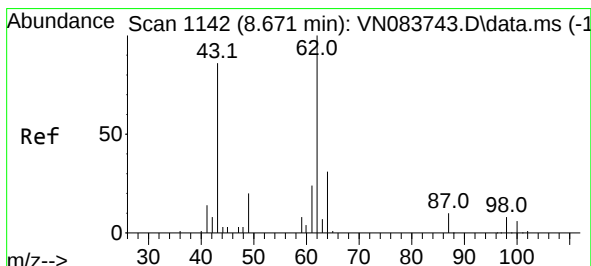
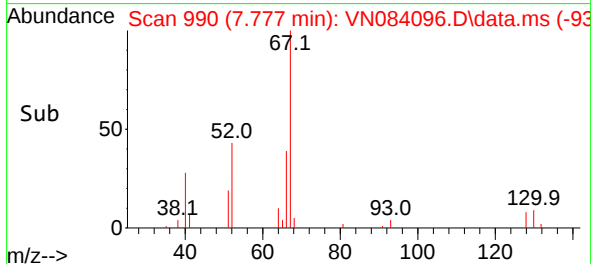
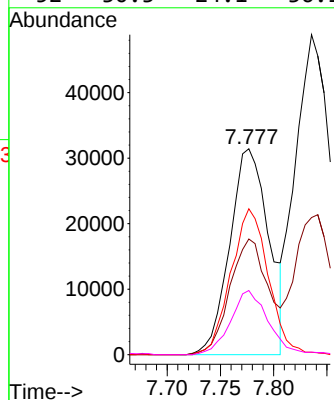
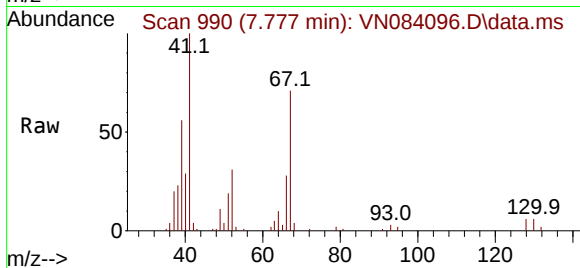




#41  
Methacrylonitrile  
Concen: 53.510 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

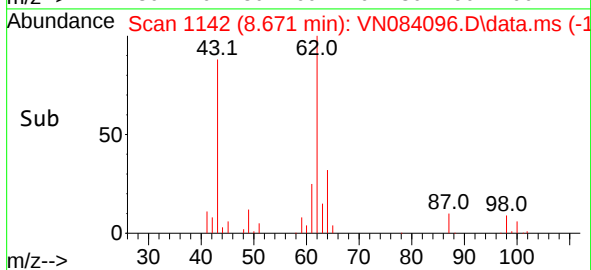
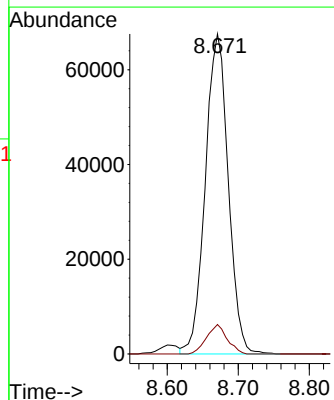
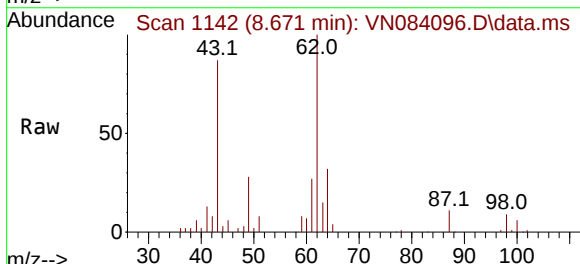
Instrument :  
MSVOA\_N  
ClientSampleId :

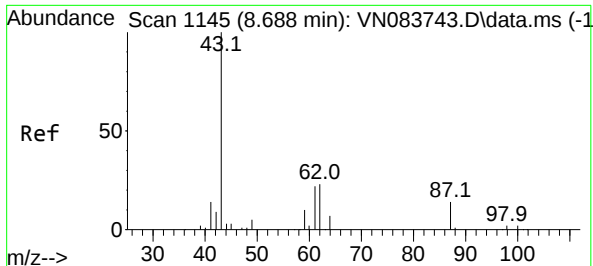
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 80172 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.5  | 45.4  | 68.2  |
| 67       | 68.0  | 55.9  | 83.9  |
| 52       | 30.3  | 24.1  | 36.1  |



#42  
1,2-Dichloroethane  
Concen: 48.314 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 151645 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.2   | 0.0   | 16.6   |

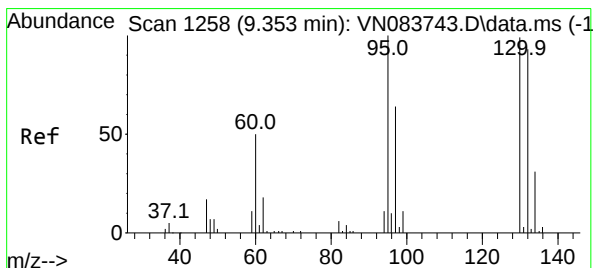
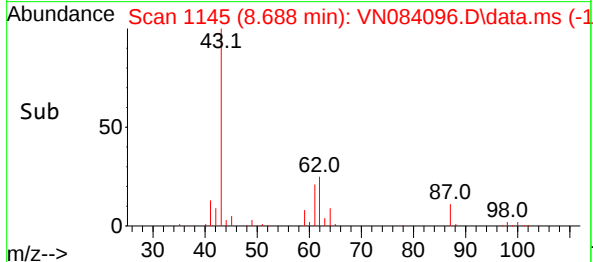
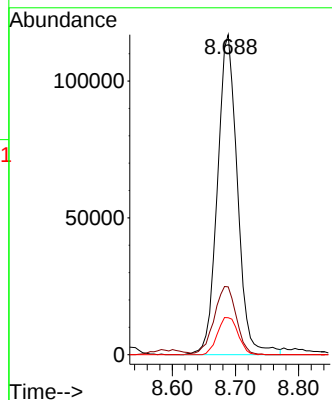
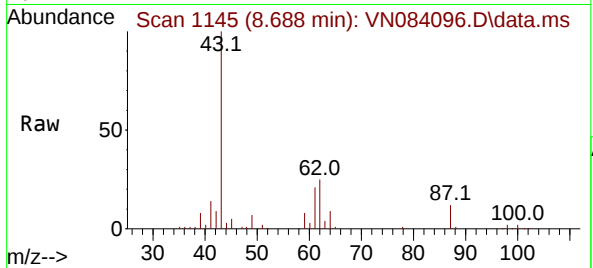




#43  
Isopropyl Acetate  
Concen: 56.077 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

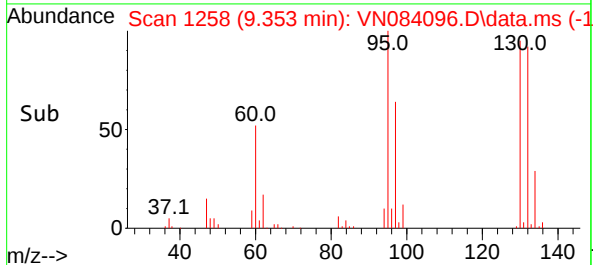
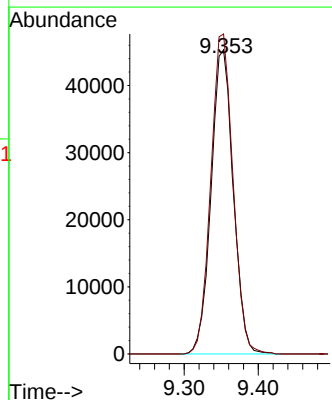
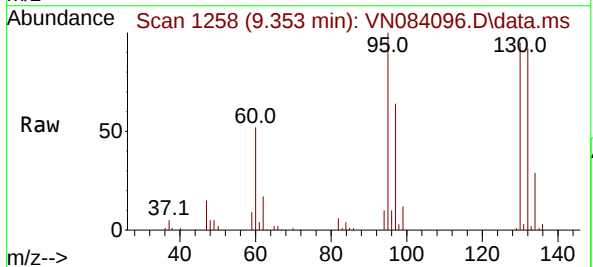
Instrument :  
MSVOA\_N  
ClientSampleId :

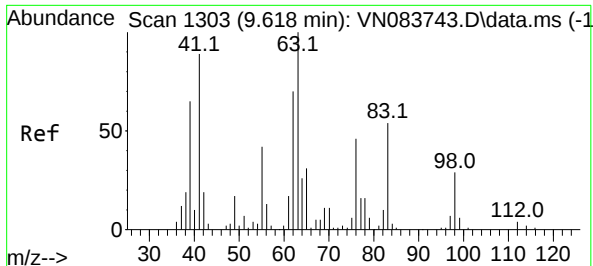
Tgt Ion: 43 Resp: 257419  
Ion Ratio Lower Upper  
43 100  
61 23.6 19.4 29.0  
87 11.9 9.8 14.6



#44  
Trichloroethene  
Concen: 48.325 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion:130 Resp: 94001  
Ion Ratio Lower Upper  
130 100  
95 105.2 0.0 200.4





#45

1,2-Dichloropropane

Concen: 50.226 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

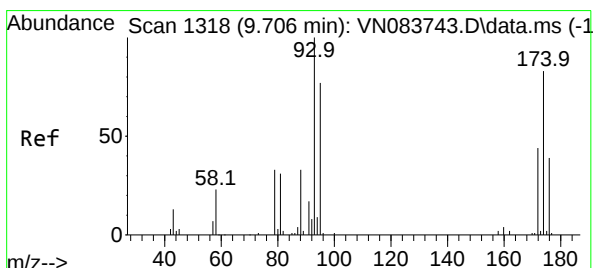
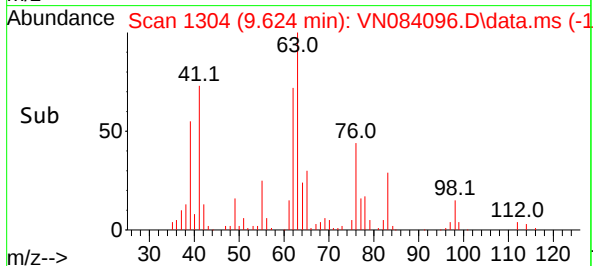
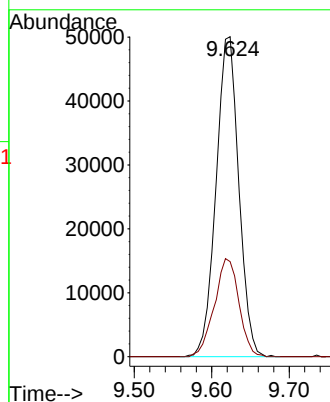
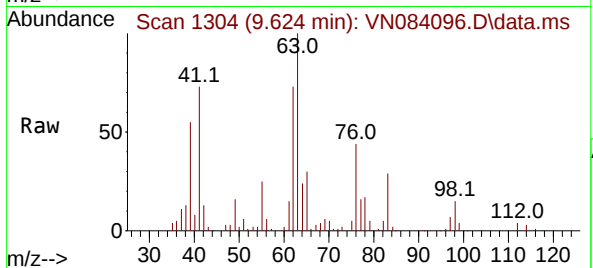
ClientSampleId :

Tgt Ion: 63 Resp: 101969

Ion Ratio Lower Upper

63 100

65 29.7 25.9 38.9



#46

Dibromomethane

Concen: 50.532 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

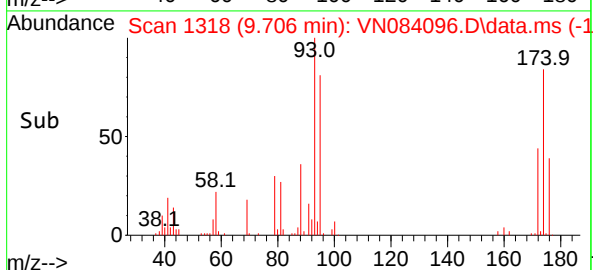
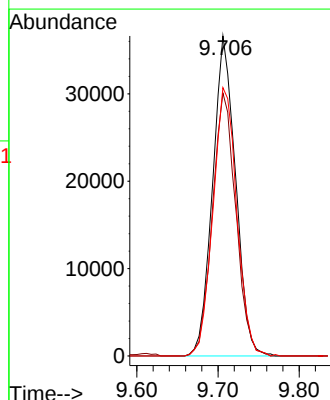
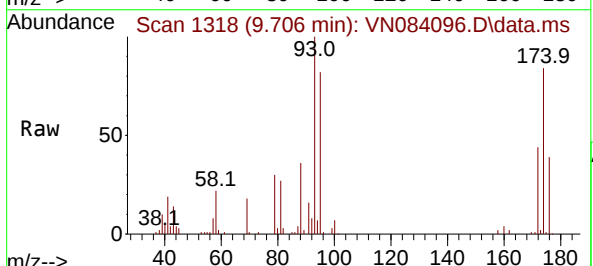
Tgt Ion: 93 Resp: 71858

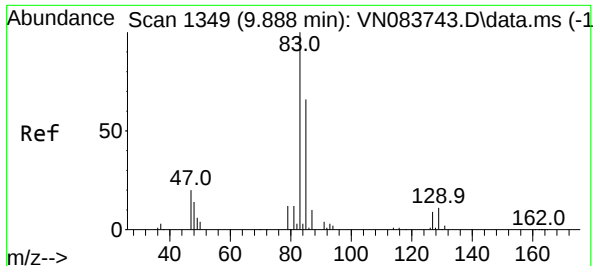
Ion Ratio Lower Upper

93 100

95 84.2 65.3 97.9

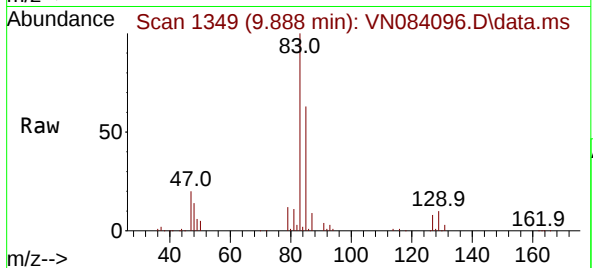
174 87.5 71.0 106.4



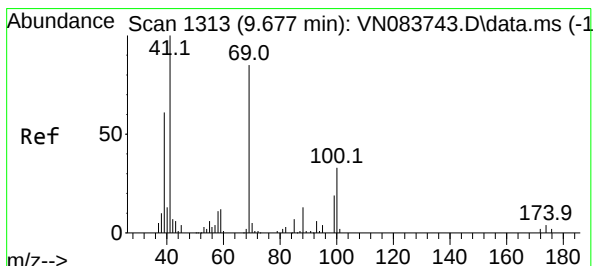
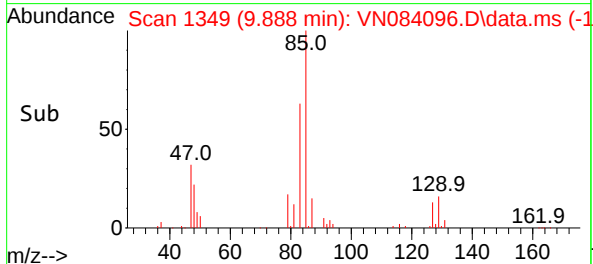
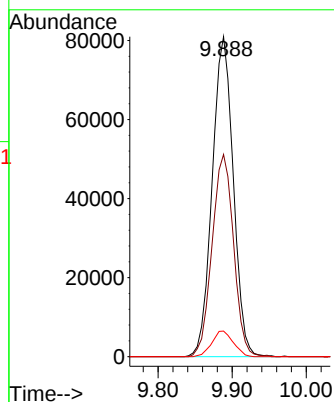


#47  
Bromodichloromethane  
Concen: 51.908 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Instrument :  
MSVOA\_N  
ClientSampleId :

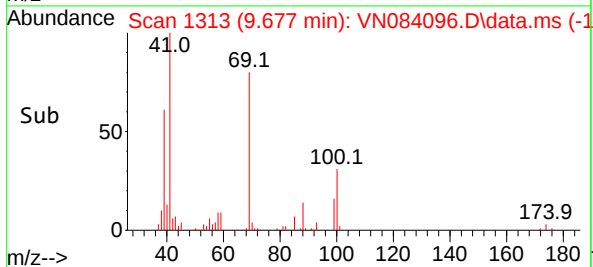
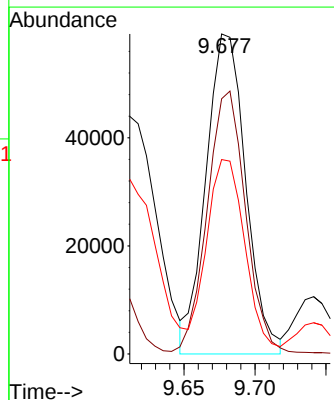
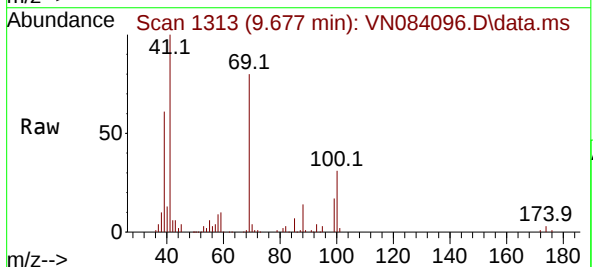


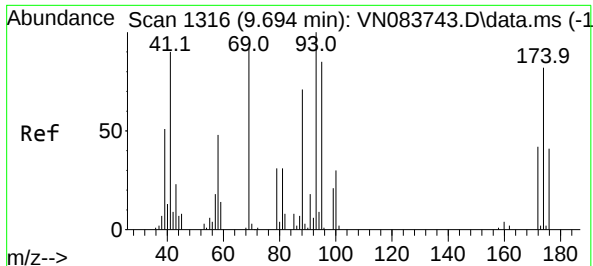
Tgt Ion: 83 Resp: 159749  
Ion Ratio Lower Upper  
83 100  
85 63.2 51.8 77.8  
127 8.0 6.6 9.8



#48  
Methyl methacrylate  
Concen: 53.046 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion: 41 Resp: 115530  
Ion Ratio Lower Upper  
41 100  
69 79.3 64.3 96.5  
39 58.8 48.9 73.3





#49

1,4-Dioxane

Concen: 1081.531 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

ClientSampleId :

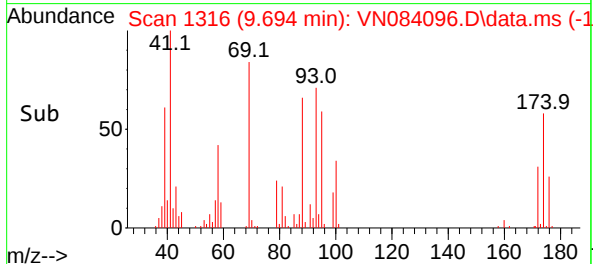
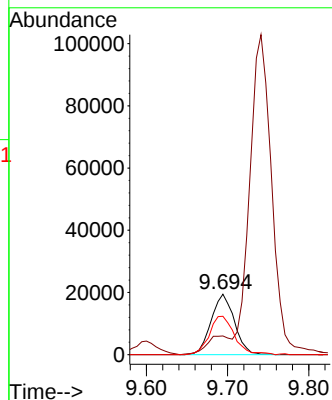
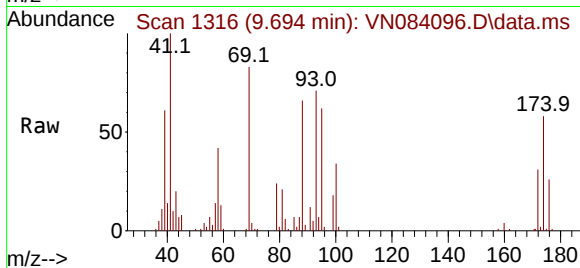
Tgt Ion: 88 Resp: 38749

Ion Ratio Lower Upper

88 100

43 33.4 0.0 0.0#

58 68.6 57.1 85.7



#50

Toluene-d8

Concen: 51.673 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084096.D

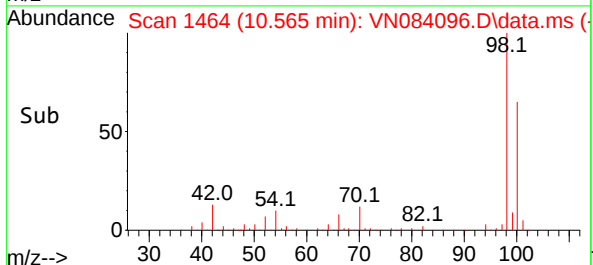
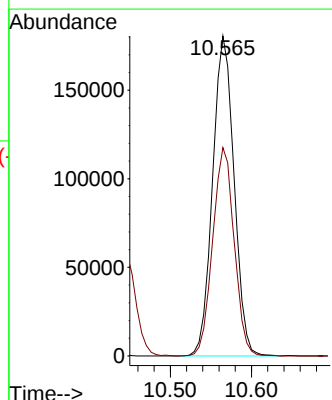
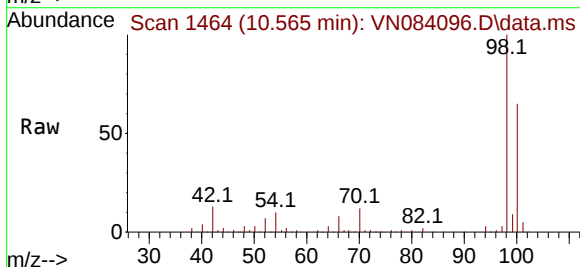
Acq: 23 Sep 2024 09:02

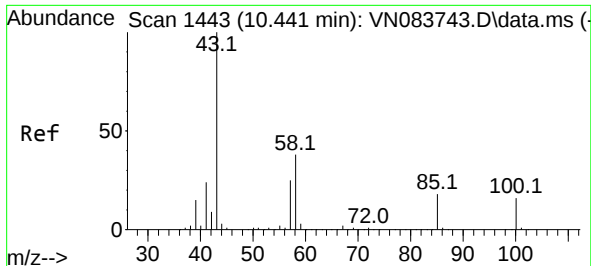
Tgt Ion: 98 Resp: 331222

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

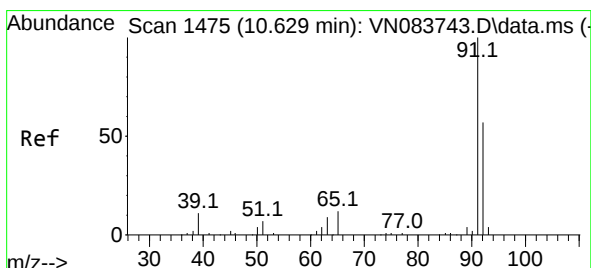
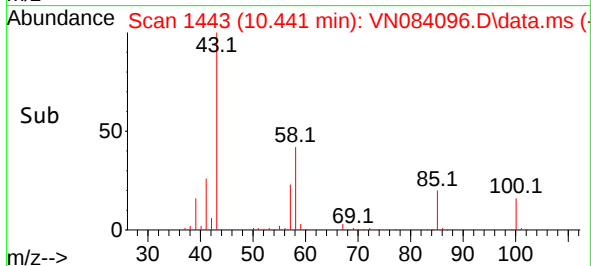
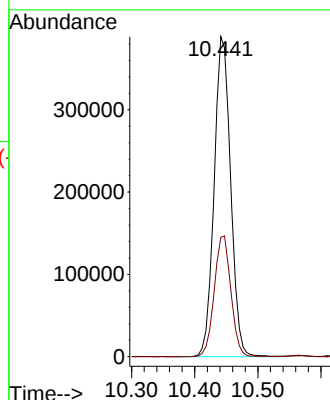
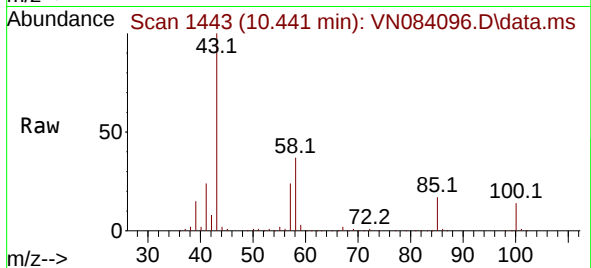




#51  
4-Methyl-2-Pentanone  
Concen: 282.641 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

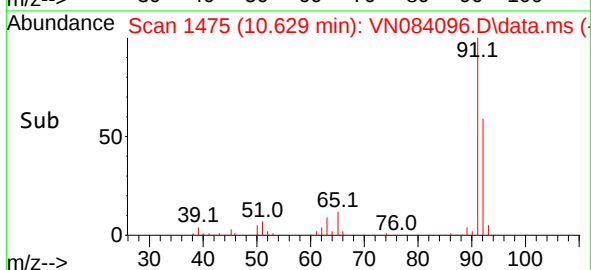
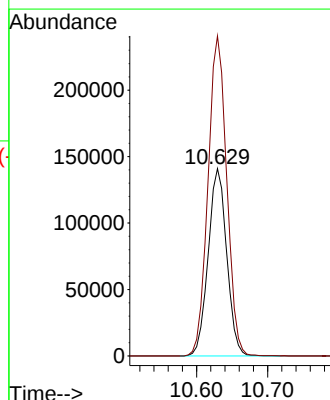
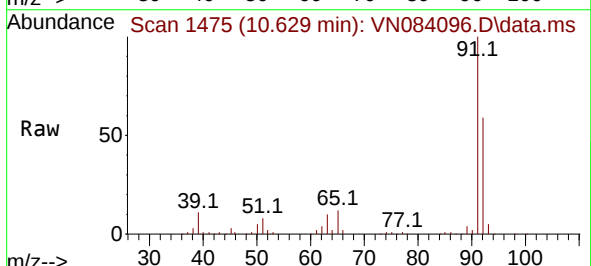
Instrument :  
MSVOA\_N  
ClientSampleId :

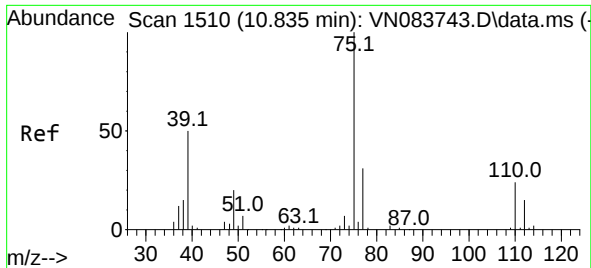
Tgt Ion: 43 Resp: 706273  
Ion Ratio Lower Upper  
43 100  
58 38.1 31.6 47.4



#52  
Toluene  
Concen: 49.687 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion: 92 Resp: 255288  
Ion Ratio Lower Upper  
92 100  
91 173.0 134.7 202.1

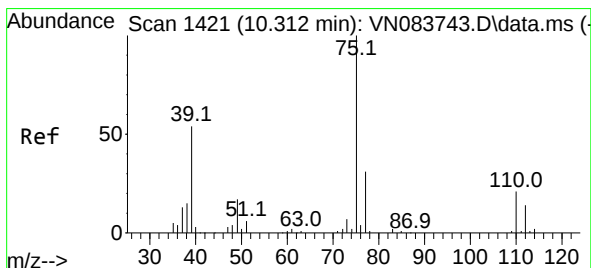
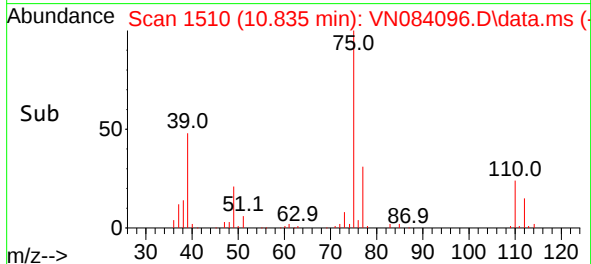
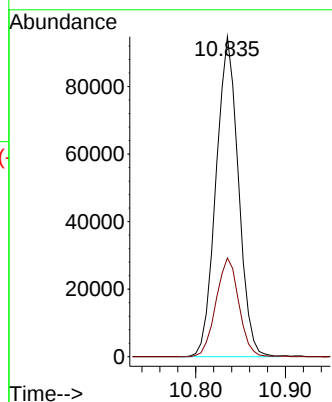
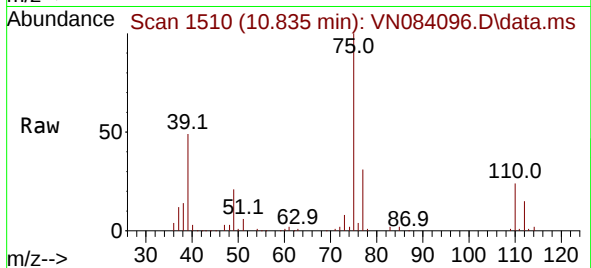




#53  
 t-1,3-Dichloropropene  
 Concen: 52.638 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. -0.000 min  
 Lab File: VN084096.D  
 Acq: 23 Sep 2024 09:02

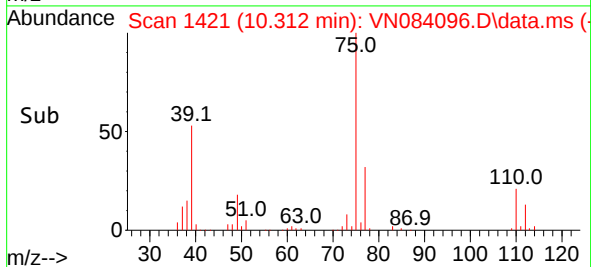
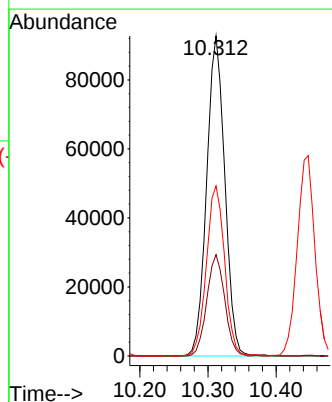
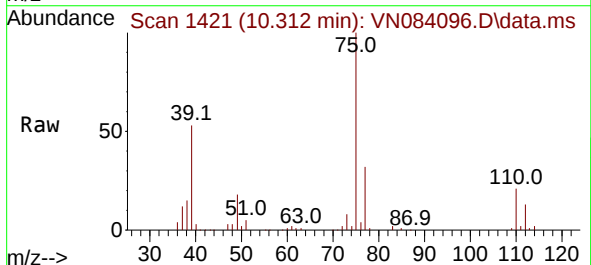
Instrument :  
 MSVOA\_N  
 ClientSampleId :

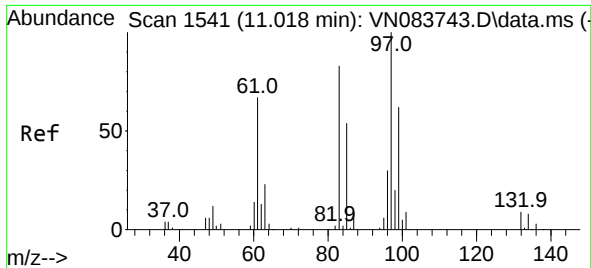
Tgt Ion: 75 Resp: 164201  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 25.8 38.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.434 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.000 min  
 Lab File: VN084096.D  
 Acq: 23 Sep 2024 09:02

Tgt Ion: 75 Resp: 171815  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.0 37.6  
 39 53.1 42.6 64.0

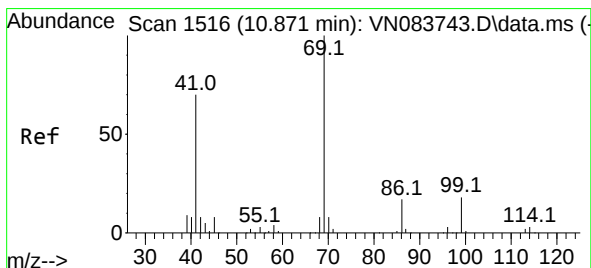
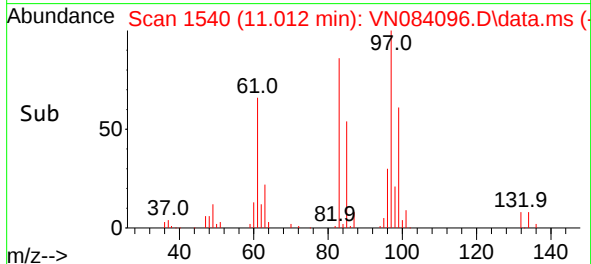
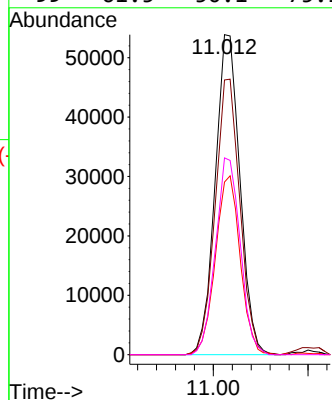
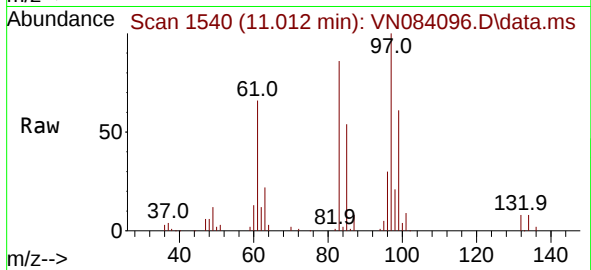




#55  
1,1,2-Trichloroethane  
Concen: 51.022 ug/l  
RT: 11.012 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

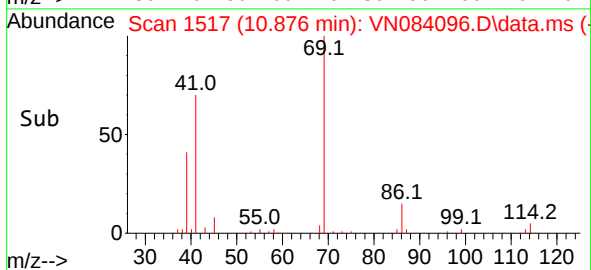
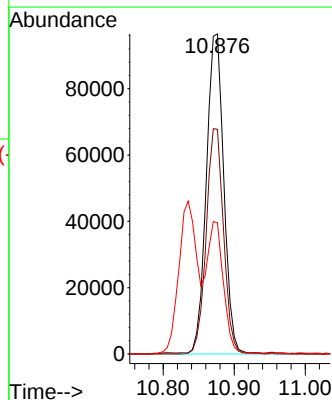
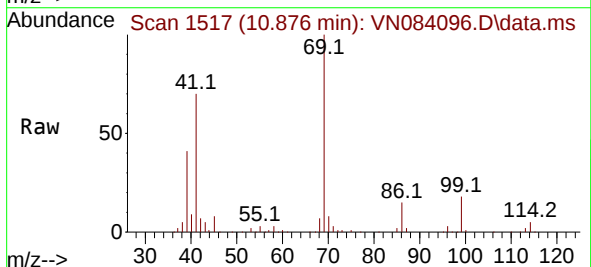
Instrument :  
MSVOA\_N  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 97869 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.8  | 67.5  | 101.3 |
| 85       | 54.0  | 44.2  | 66.2  |
| 99       | 61.5  | 50.1  | 75.1  |



#56  
Ethyl methacrylate  
Concen: 55.876 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 164898 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.2  | 53.9  | 80.9   |
| 39       | 40.0  | 32.6  | 48.8   |





#57

1,3-Dichloropropane

Concen: 52.279 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

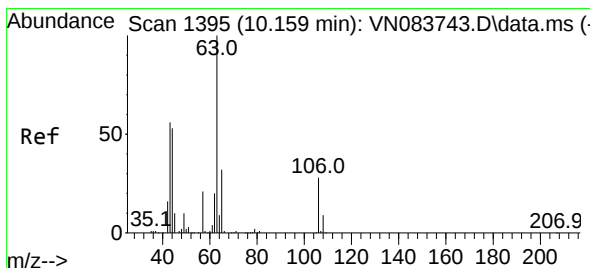
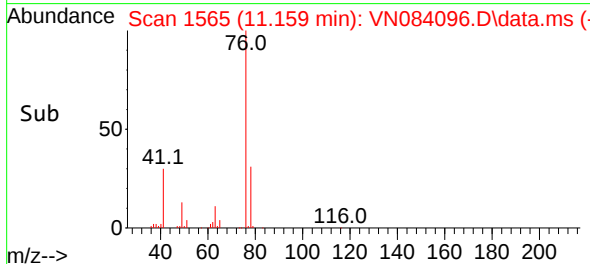
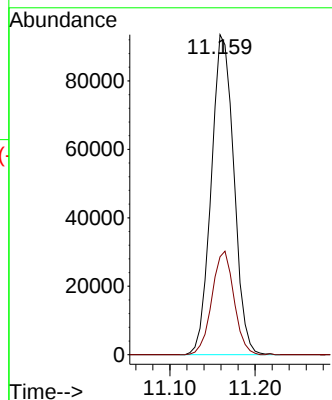
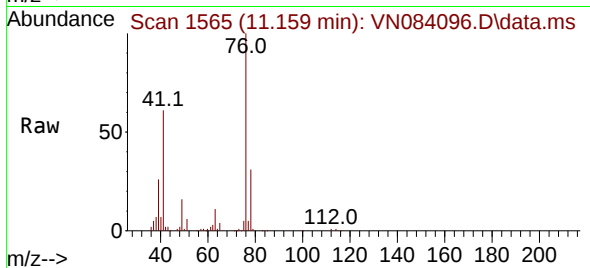
ClientSampleId :

Tgt Ion: 76 Resp: 172348

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 342.834 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084096.D

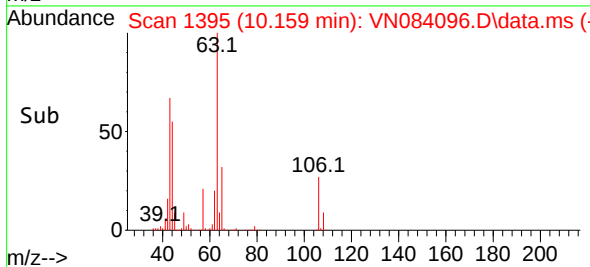
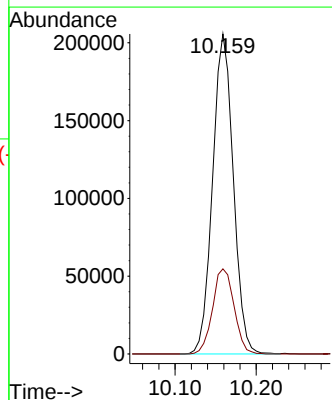
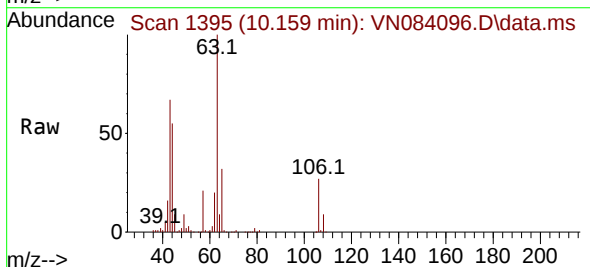
Acq: 23 Sep 2024 09:02

Tgt Ion: 63 Resp: 364559

Ion Ratio Lower Upper

63 100

106 27.5 23.3 34.9

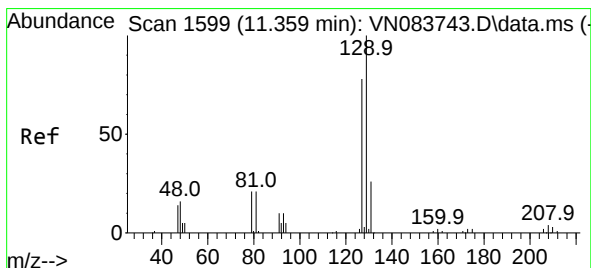
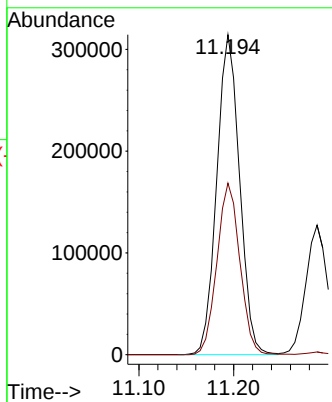
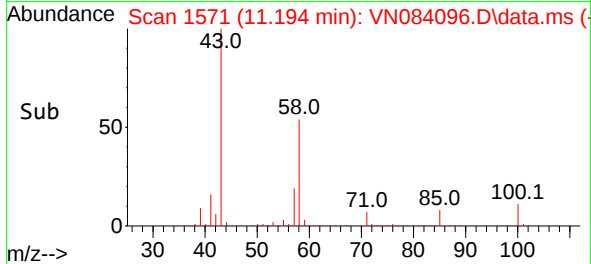
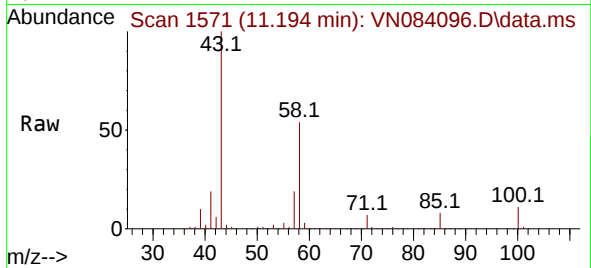




#59  
2-Hexanone  
Concen: 285.070 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

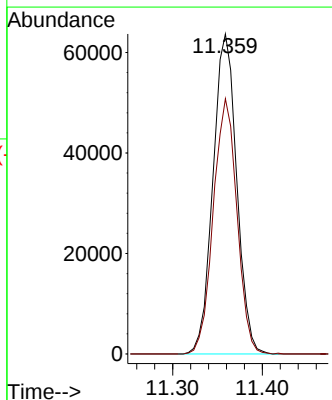
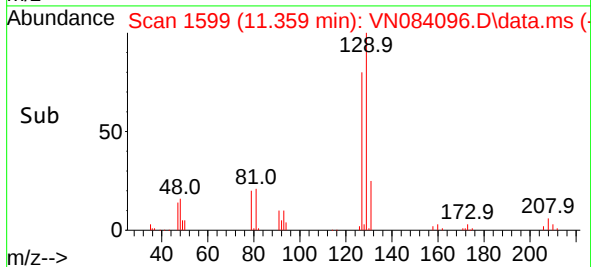
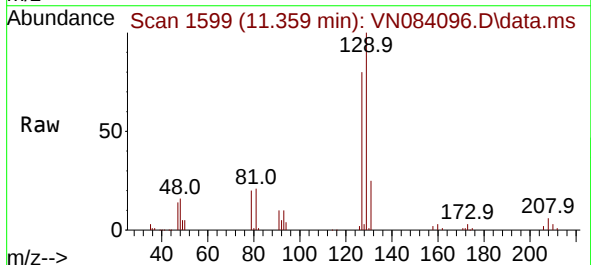
Instrument :  
MSVOA\_N  
ClientSampleId :

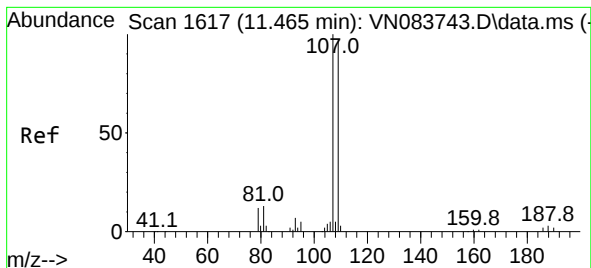
Tgt Ion: 43 Resp: 526937  
Ion Ratio Lower Upper  
43 100  
58 53.8 27.2 81.5



#60  
Dibromochloromethane  
Concen: 54.409 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion:129 Resp: 116798  
Ion Ratio Lower Upper  
129 100  
127 79.5 39.0 116.9





#61

1,2-Dibromoethane

Concen: 50.033 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

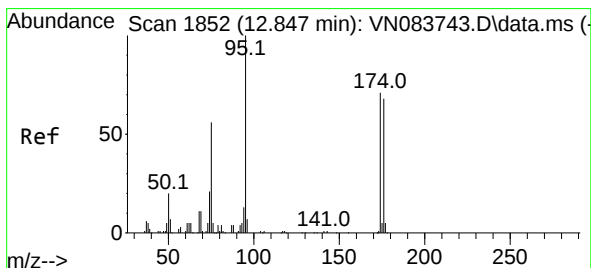
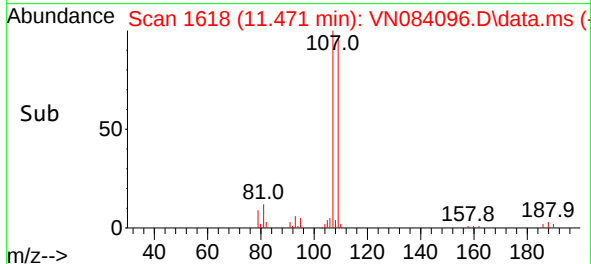
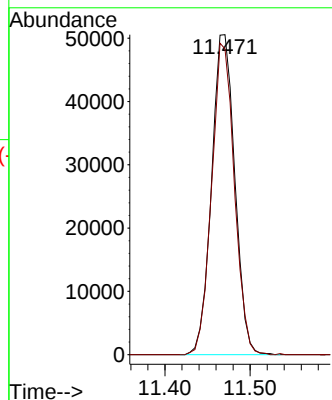
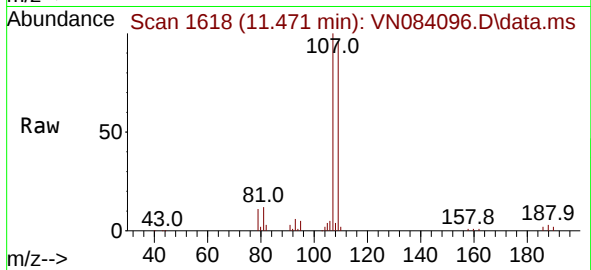
ClientSampleId :

Tgt Ion:107 Resp: 95712

Ion Ratio Lower Upper

107 100

109 95.1 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.522 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

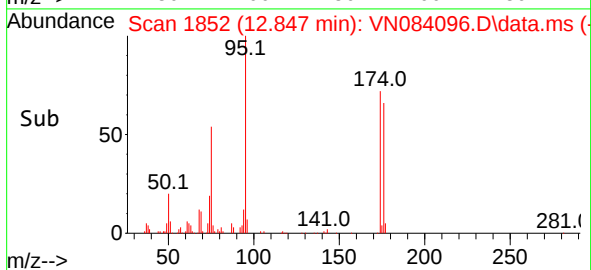
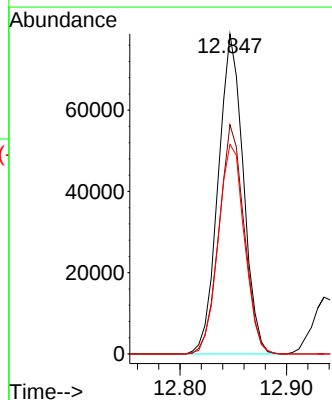
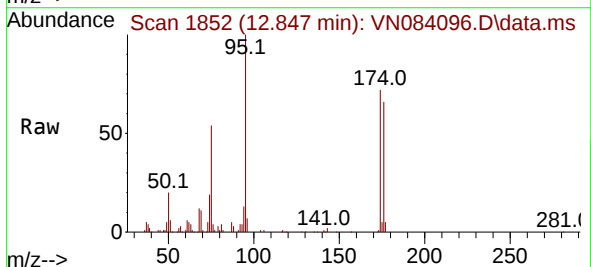
Tgt Ion: 95 Resp: 128319

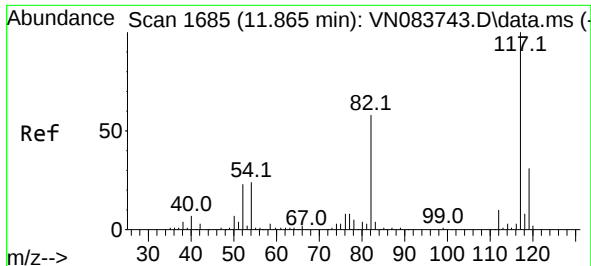
Ion Ratio Lower Upper

95 100

174 72.1 0.0 139.8

176 68.7 0.0 131.4

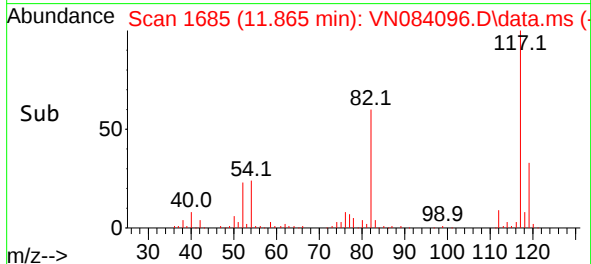
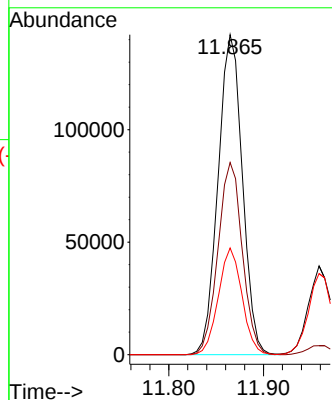
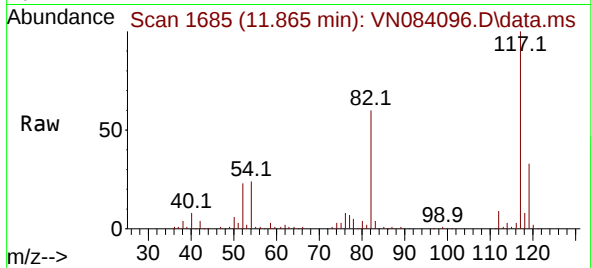




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

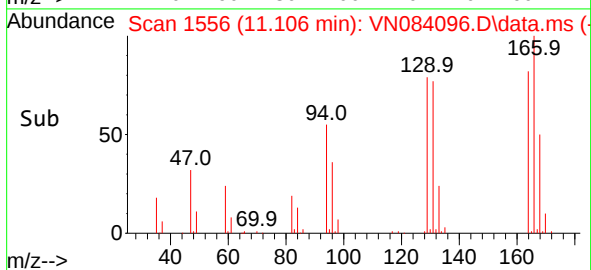
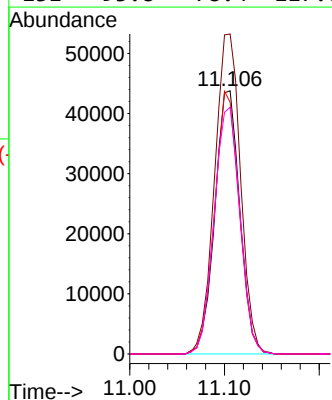
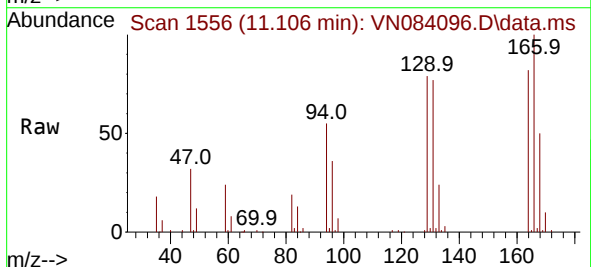
Instrument :  
MSVOA\_N  
ClientSampleId :

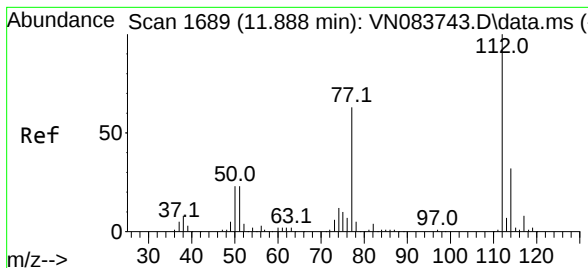
Tgt Ion:117 Resp: 254029  
Ion Ratio Lower Upper  
117 100  
82 60.0 47.4 71.0  
119 33.3 26.3 39.5



#64  
Tetrachloroethene  
Concen: 47.531 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion:164 Resp: 80296  
Ion Ratio Lower Upper  
164 100  
166 121.6 103.7 155.5  
129 95.6 79.9 119.9  
131 93.8 78.4 117.6

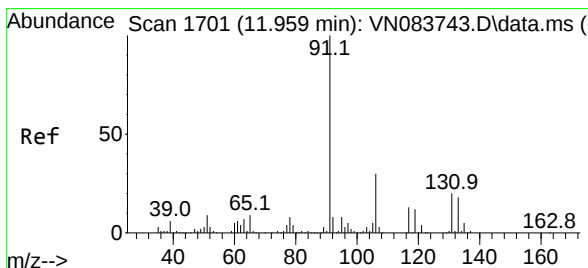
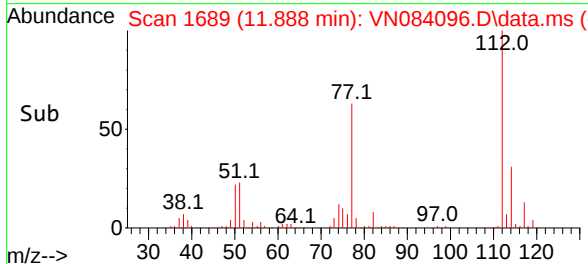
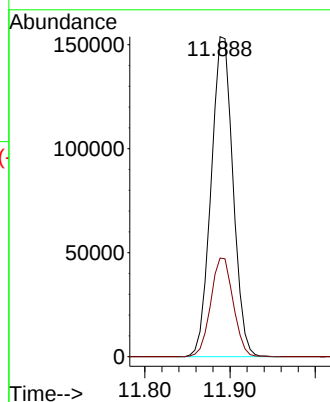
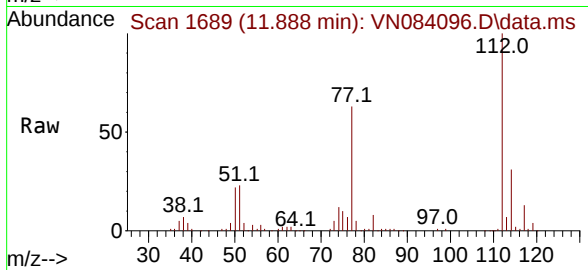




#65  
Chlorobenzene  
Concen: 48.568 ug/l  
RT: 11.888 min Scan# 112  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

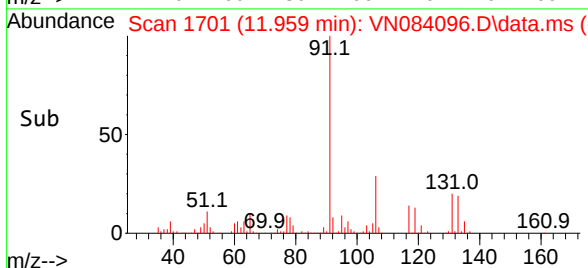
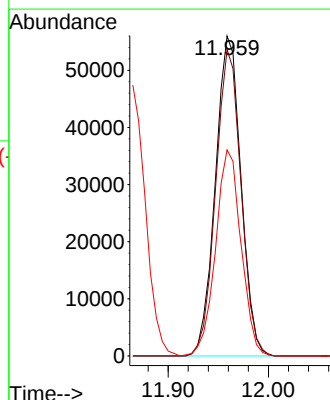
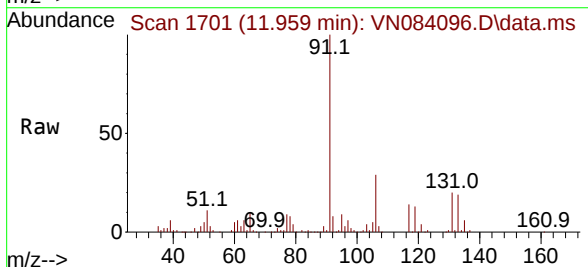
Instrument :  
MSVOA\_N  
ClientSampleId :

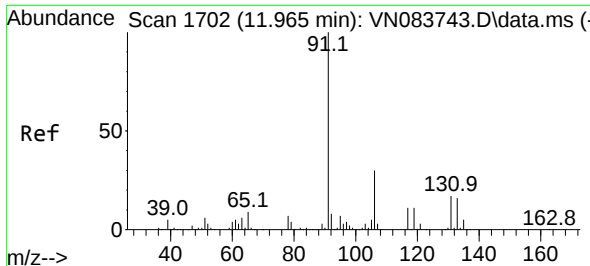
Tgt Ion:112 Resp: 274209  
Ion Ratio Lower Upper  
112 100  
114 30.8 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.796 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion:131 Resp: 99422  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.5 142.6  
119 64.0 31.6 94.8

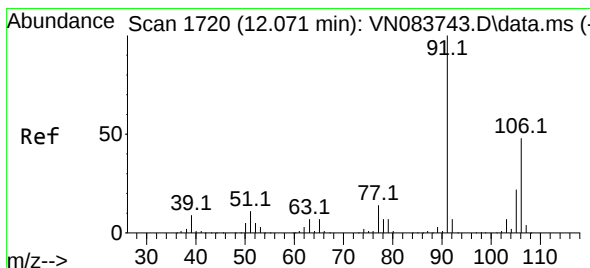
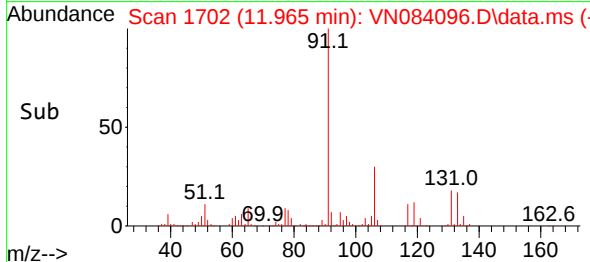
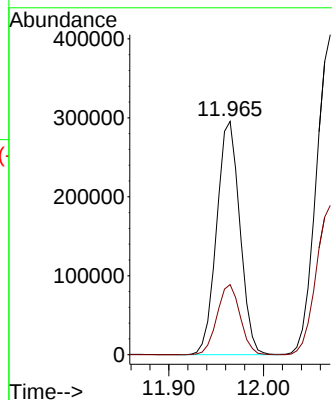
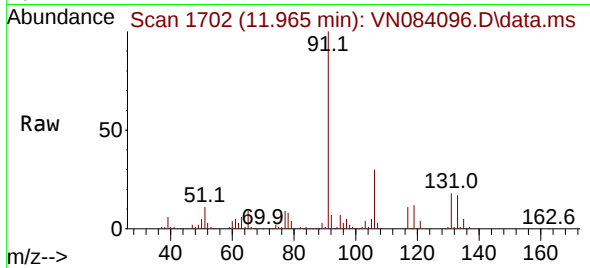




#67  
Ethyl Benzene  
Concen: 50.160 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

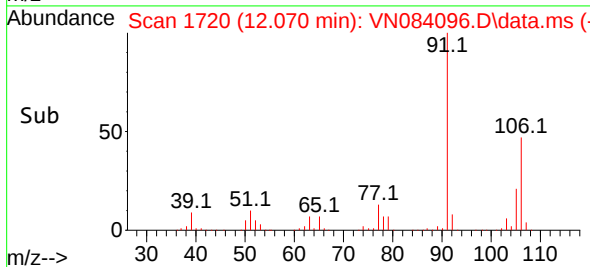
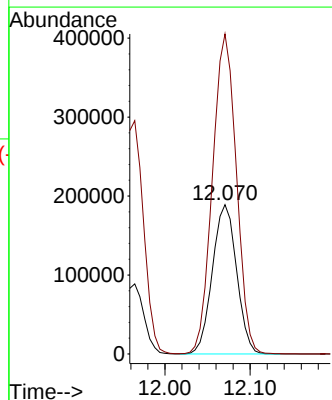
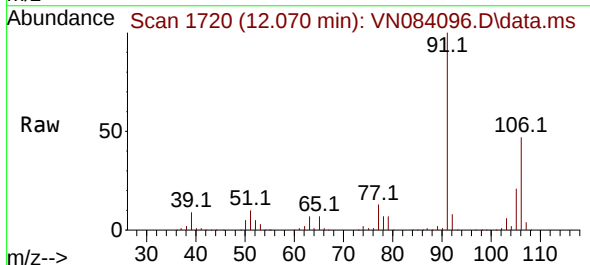
Instrument :  
MSVOA\_N  
ClientSampleId :

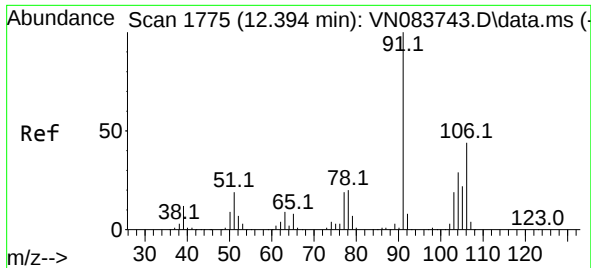
Tgt Ion: 91 Resp: 503085  
Ion Ratio Lower Upper  
91 100  
106 30.1 24.3 36.5



#68  
m/p-Xylenes  
Concen: 100.138 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion:106 Resp: 372876  
Ion Ratio Lower Upper  
106 100  
91 212.0 169.2 253.8

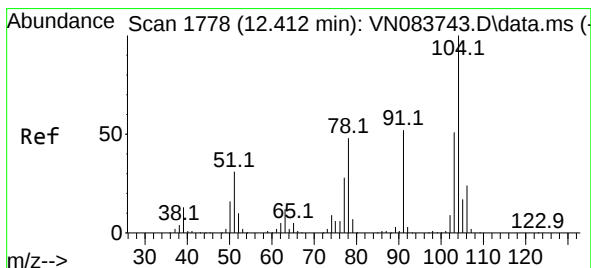
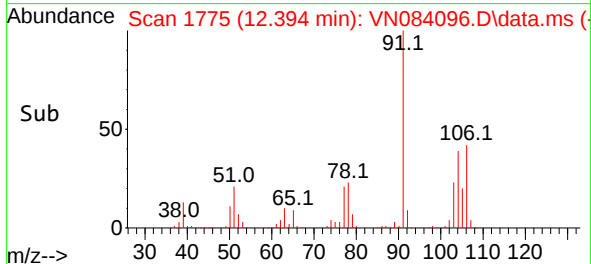
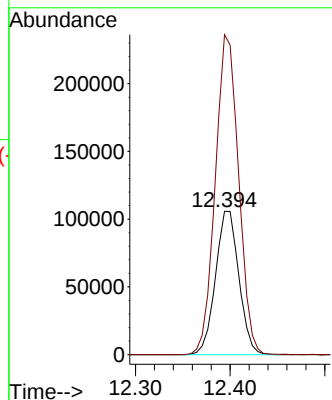
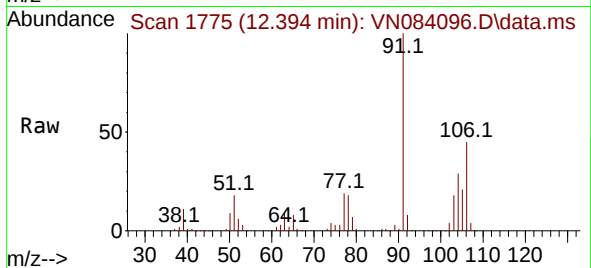




#69  
o-Xylene  
Concen: 50.367 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

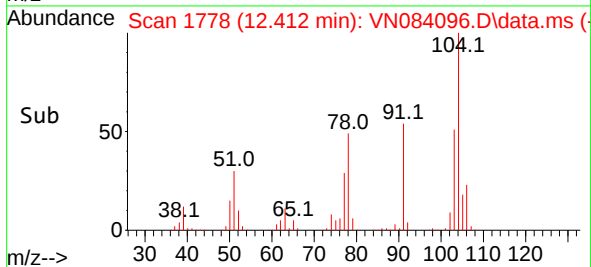
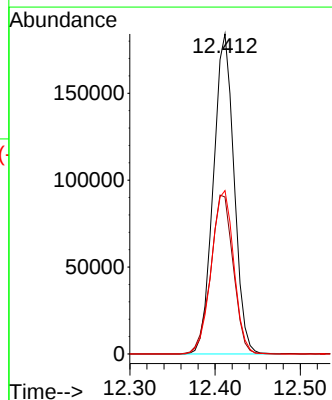
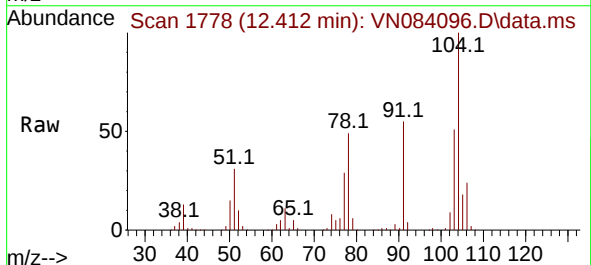
Instrument :  
MSVOA\_N  
ClientSampleId :

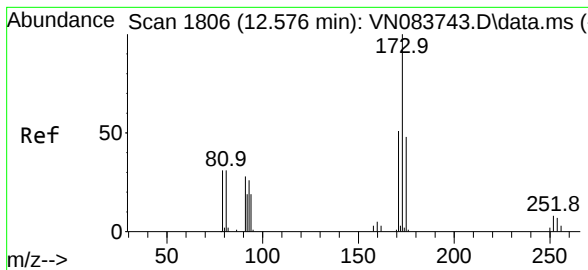
Tgt Ion:106 Resp: 181560  
Ion Ratio Lower Upper  
106 100  
91 223.2 112.9 338.6



#70  
Styrene  
Concen: 52.662 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion:104 Resp: 311547  
Ion Ratio Lower Upper  
104 100  
78 54.0 43.3 64.9  
103 55.2 43.4 65.2

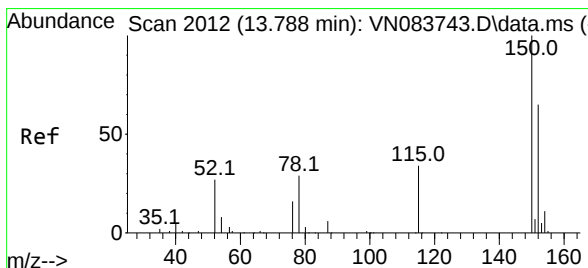
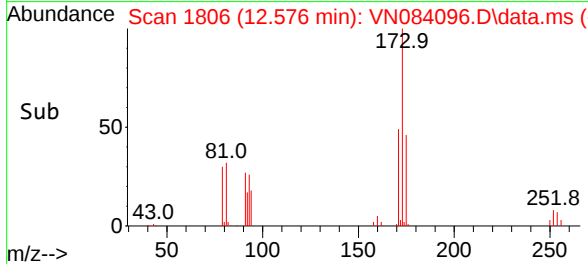
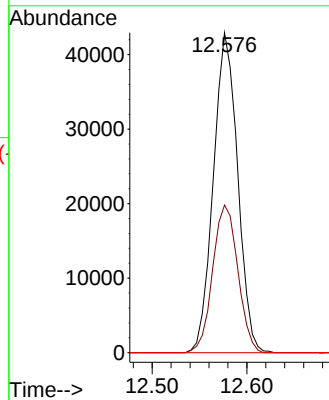
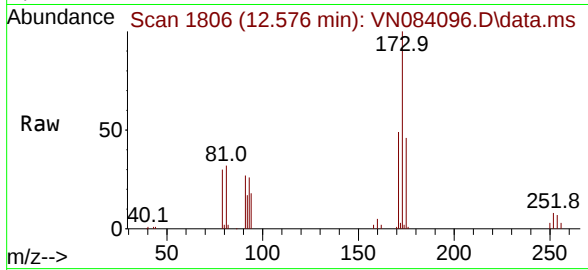




#71  
Bromoform  
Concen: 57.976 ug/l  
RT: 12.576 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

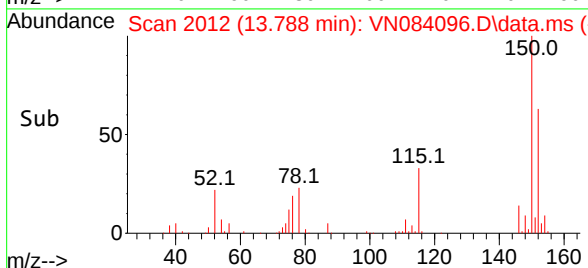
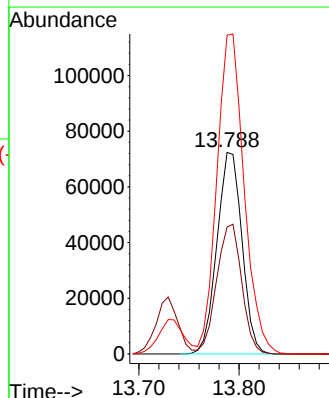
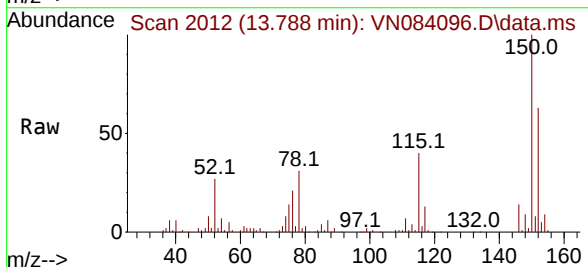
Instrument :  
MSVOA\_N  
ClientSampleId :

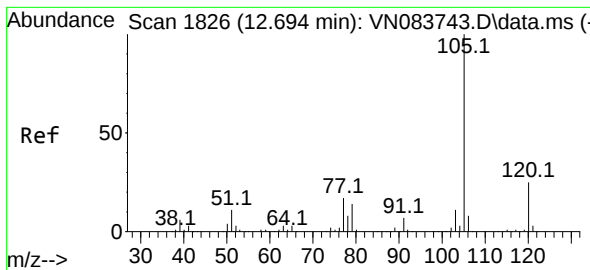
Tgt Ion:173 Resp: 76467  
Ion Ratio Lower Upper  
173 100  
175 47.8 24.1 72.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion:152 Resp: 125361  
Ion Ratio Lower Upper  
152 100  
115 64.3 32.2 96.6  
150 172.5 0.0 348.6





#73

Isopropylbenzene

Concen: 48.653 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

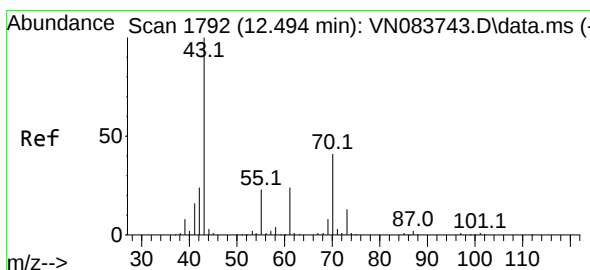
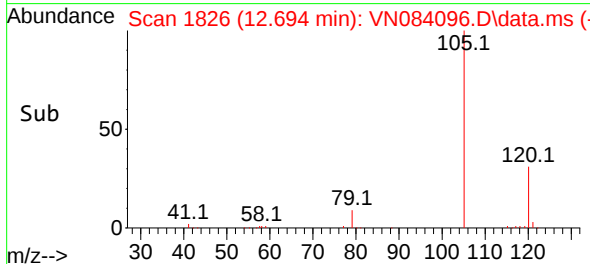
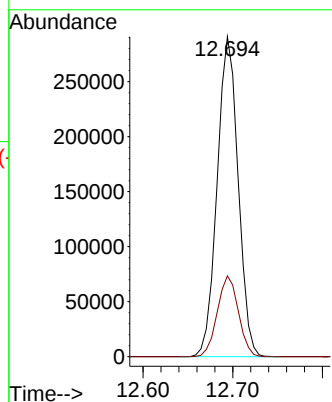
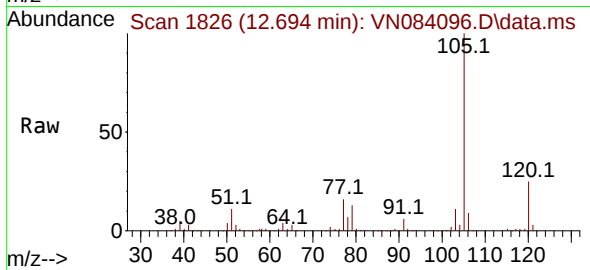
ClientSampleId :

Tgt Ion:105 Resp: 471868

Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8



#74

N-ethyl acetate

Concen: 52.998 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Tgt Ion: 43 Resp: 219308

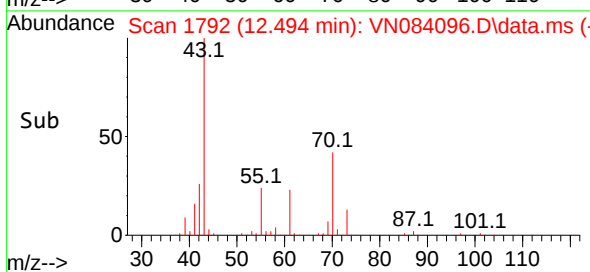
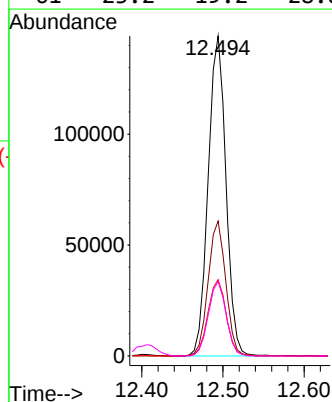
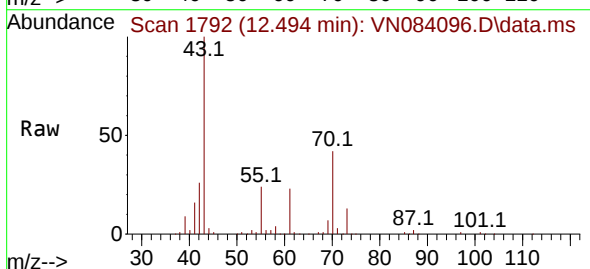
Ion Ratio Lower Upper

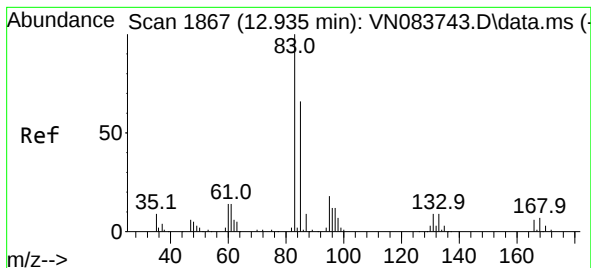
43 100

70 41.8 34.5 51.7

55 24.5 18.6 28.0

61 23.2 19.2 28.8

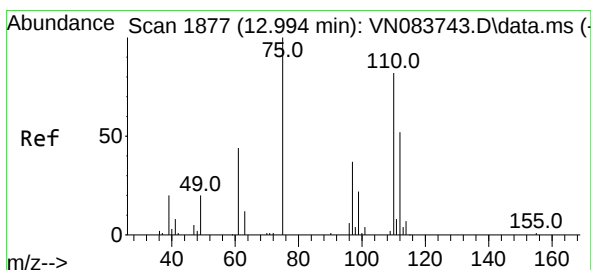
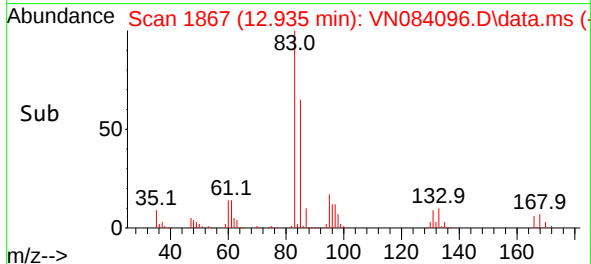
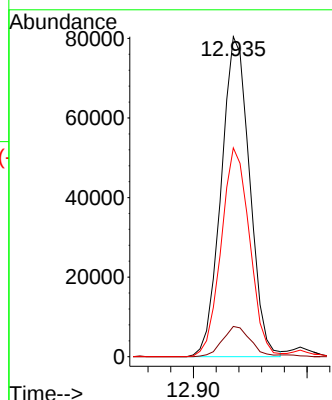
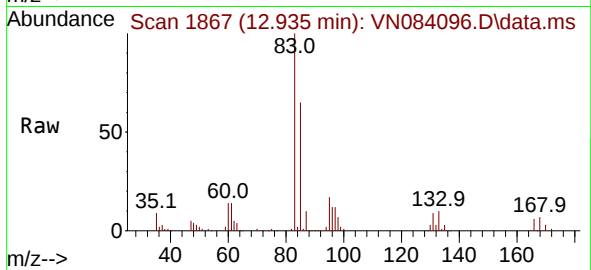




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.109 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

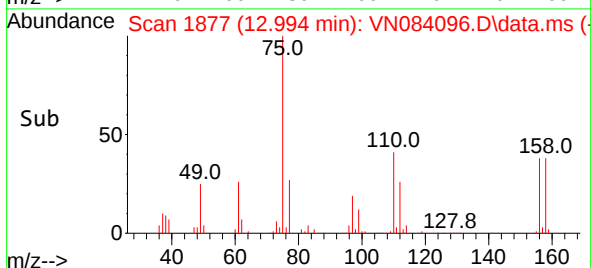
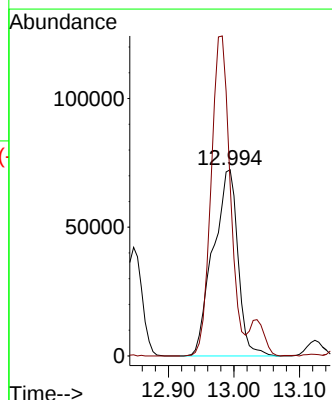
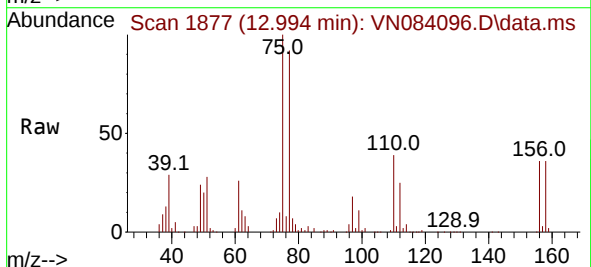
Instrument :  
MSVOA\_N  
ClientSampleId :

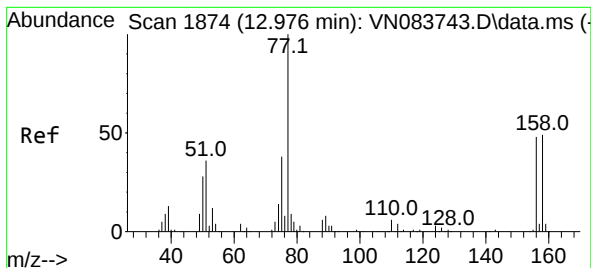
Tgt Ion: 83 Resp: 139945  
Ion Ratio Lower Upper  
83 100  
131 9.7 5.2 15.6  
85 65.2 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 74.889 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion: 75 Resp: 189435  
Ion Ratio Lower Upper  
75 100  
77 132.7 95.2 285.6





#77

Bromobenzene

Concen: 46.389 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

ClientSampleId :

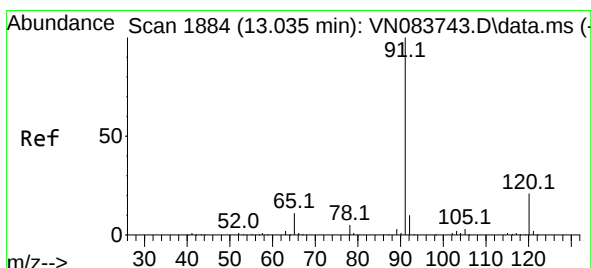
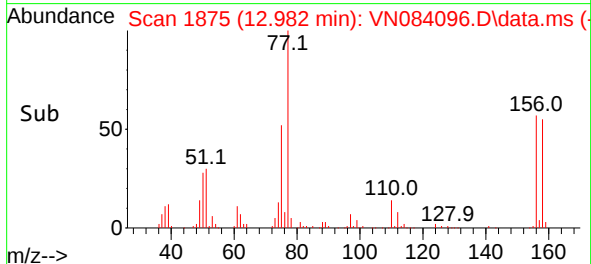
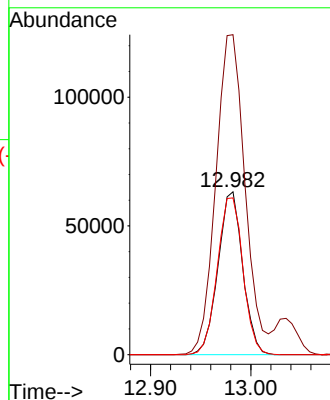
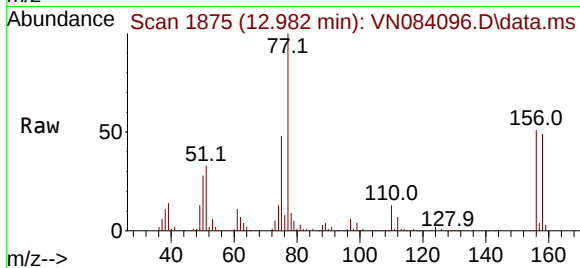
Tgt Ion:156 Resp: 108300

Ion Ratio Lower Upper

156 100

77 232.1 114.3 343.1

158 100.0 48.9 146.7



#78

n-propylbenzene

Concen: 50.112 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN084096.D

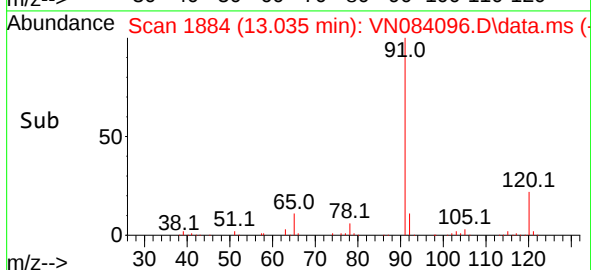
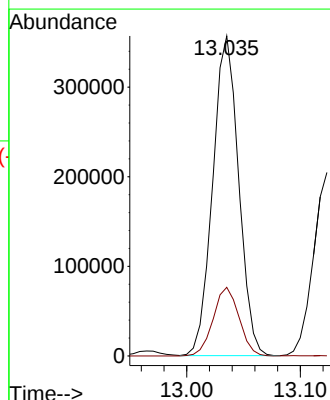
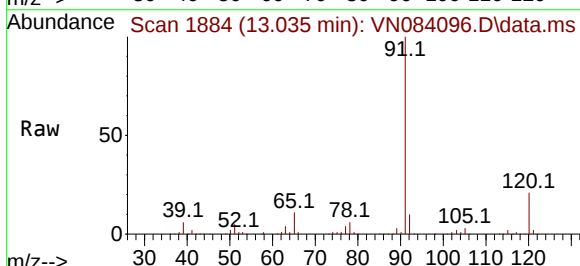
Acq: 23 Sep 2024 09:02

Tgt Ion: 91 Resp: 565498

Ion Ratio Lower Upper

91 100

120 21.4 11.0 33.0

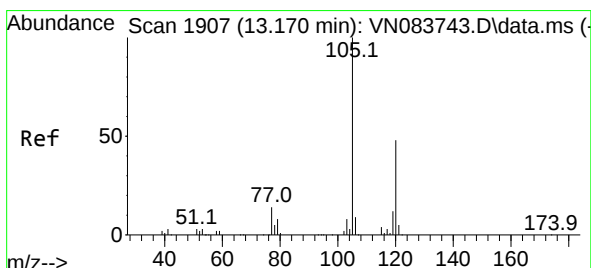
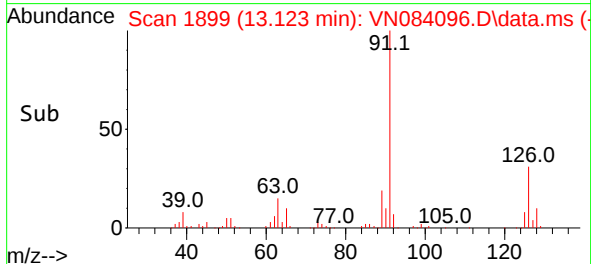
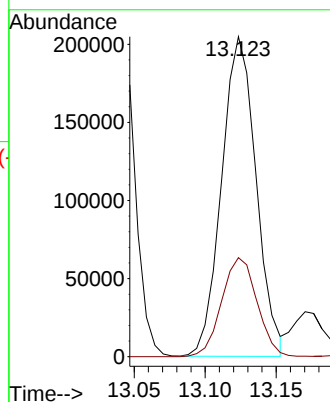
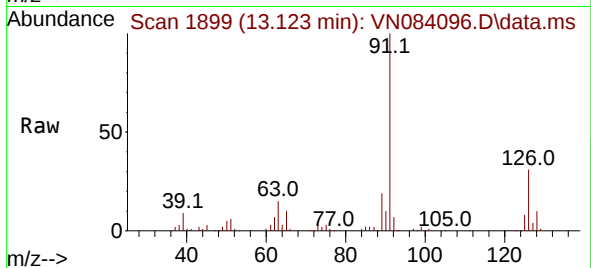




#79  
2-Chlorotoluene  
Concen: 48.025 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

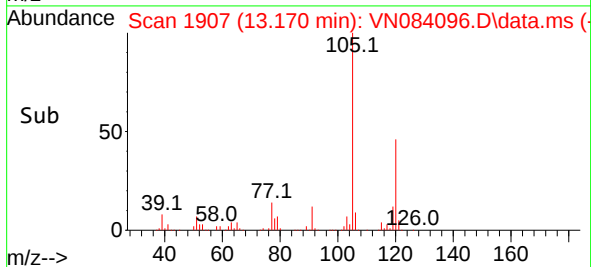
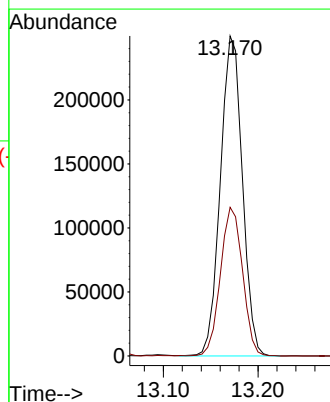
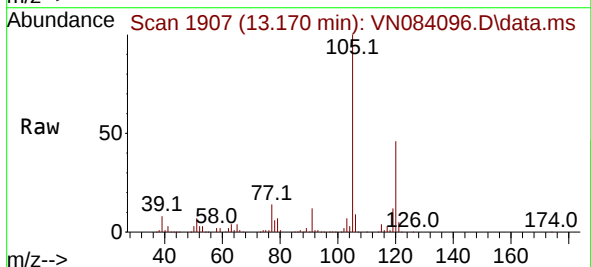
Instrument :  
MSVOA\_N  
ClientSampleId :

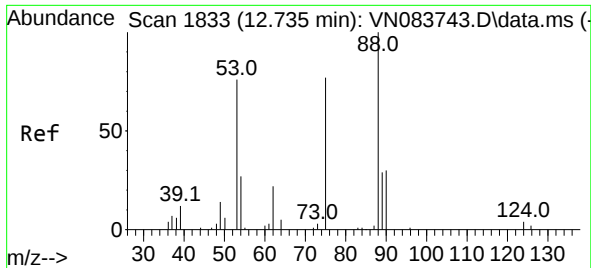
Tgt Ion: 91 Resp: 345622  
Ion Ratio Lower Upper  
91 100  
126 31.8 15.4 46.2



#80  
1,3,5-Trimethylbenzene  
Concen: 49.357 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion: 105 Resp: 403588  
Ion Ratio Lower Upper  
105 100  
120 46.7 23.4 70.3

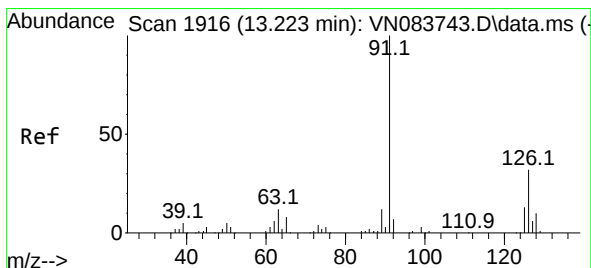
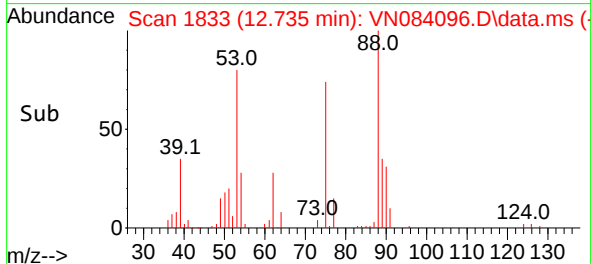
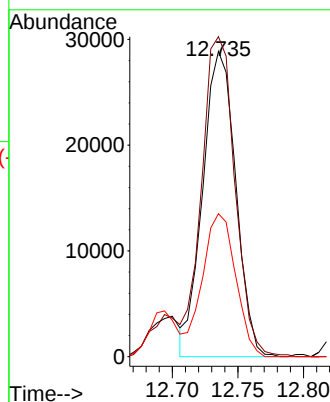
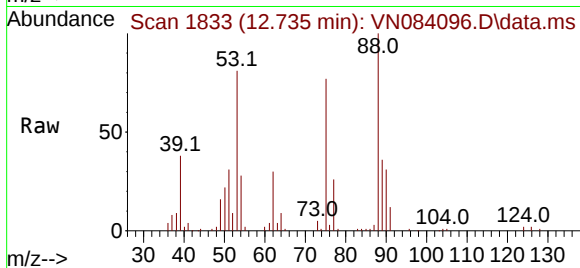




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.353 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

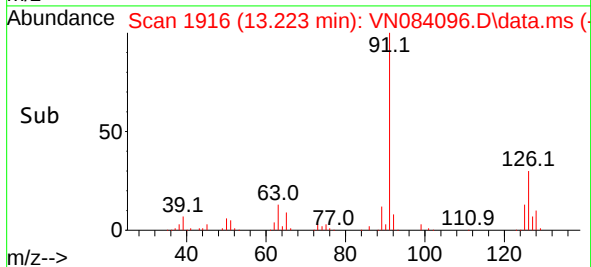
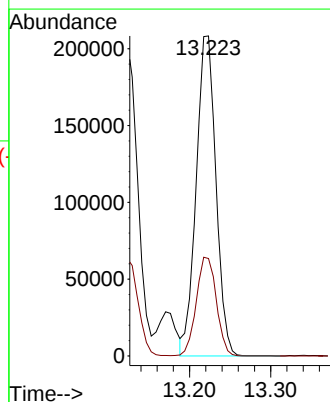
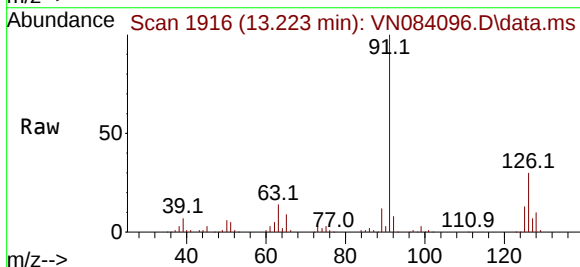
Instrument :  
MSVOA\_N  
ClientSampleId :

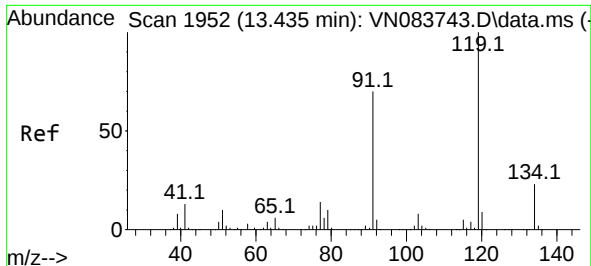
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 118.0 | 81.2  | 121.8 |
| 89      | 47.6  | 35.7  | 53.5  |



#82  
4-Chlorotoluene  
Concen: 48.900 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

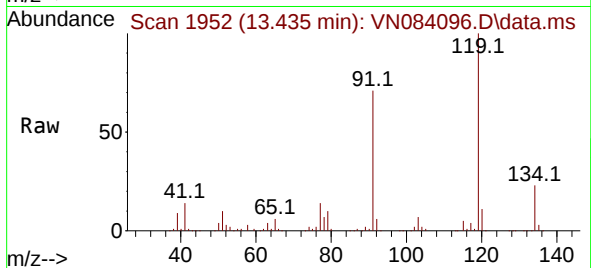
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.3  | 15.4  | 46.2  |



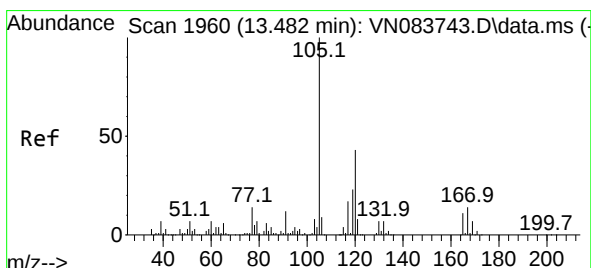
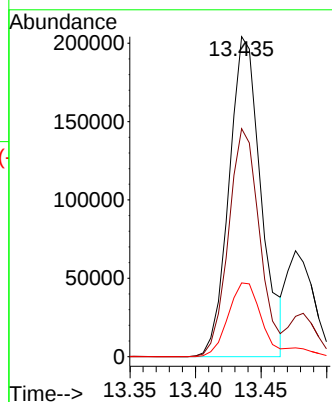
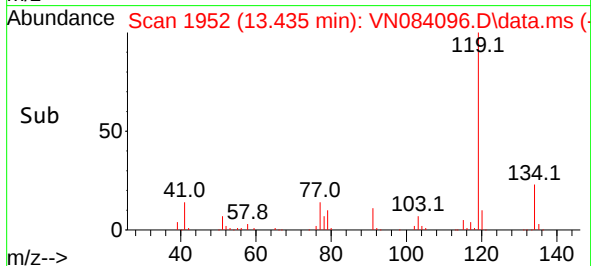


#83  
tert-Butylbenzene  
Concen: 48.388 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

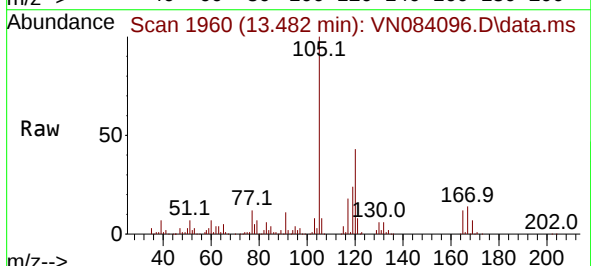
Instrument :  
MSVOA\_N  
ClientSampleId :



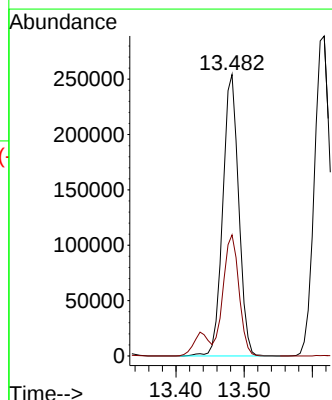
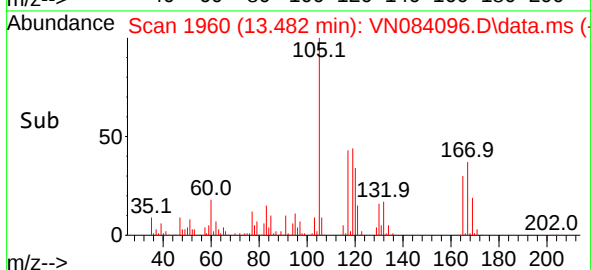
Tgt Ion:119 Resp: 346167  
Ion Ratio Lower Upper  
119 100  
91 69.3 34.5 103.6  
134 25.8 12.8 38.4

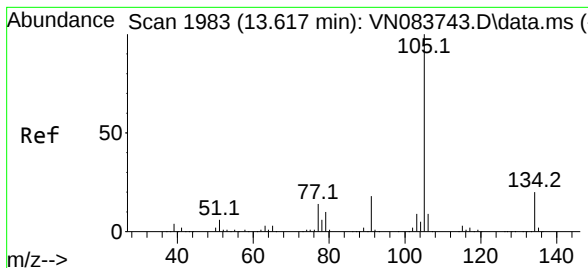


#84  
1,2,4-Trimethylbenzene  
Concen: 50.191 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02



Tgt Ion:105 Resp: 412258  
Ion Ratio Lower Upper  
105 100  
120 43.0 21.8 65.4

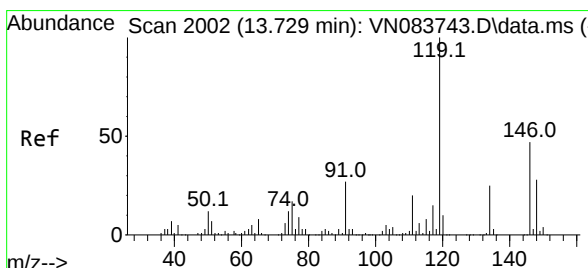
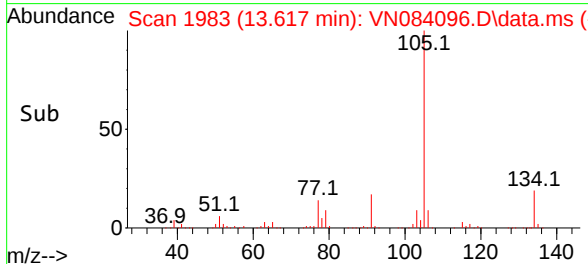
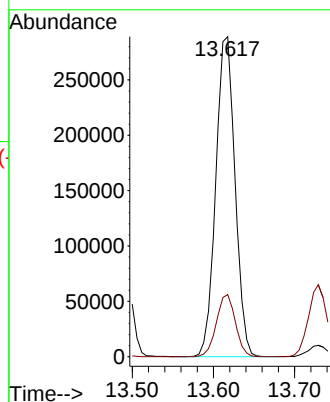
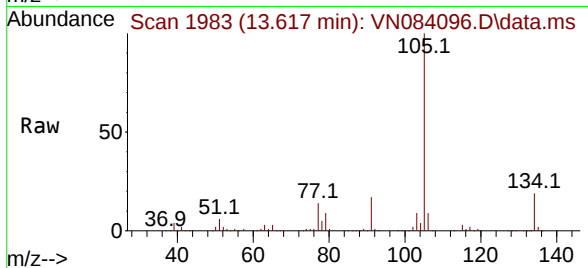




#85  
 sec-Butylbenzene  
 Concen: 50.266 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN084096.D  
 Acq: 23 Sep 2024 09:02

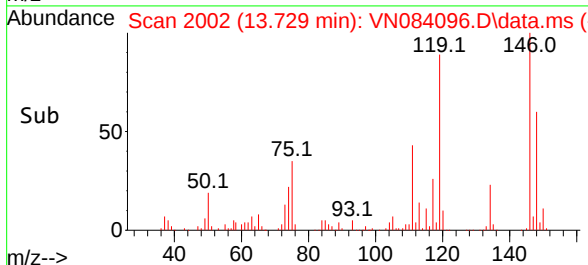
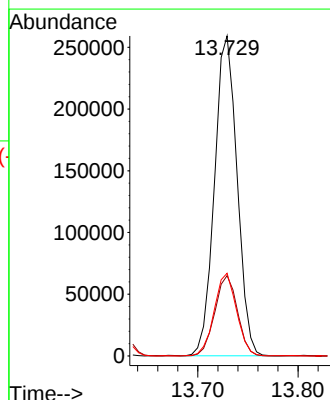
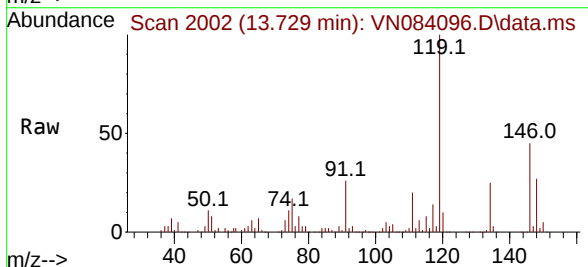
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:105 Resp: 476909  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 50.927 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN084096.D  
 Acq: 23 Sep 2024 09:02

Tgt Ion:119 Resp: 405034  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 12.8 38.3  
 91 25.7 12.9 38.7

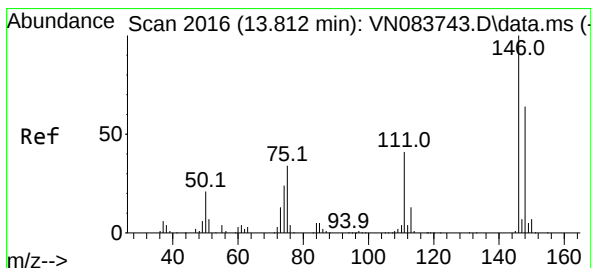
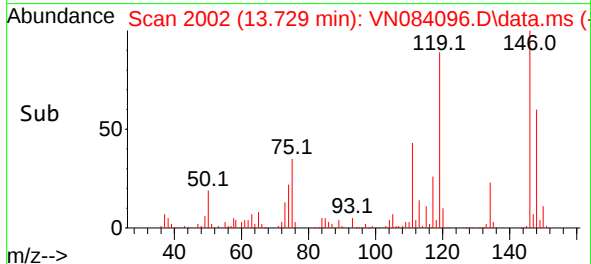
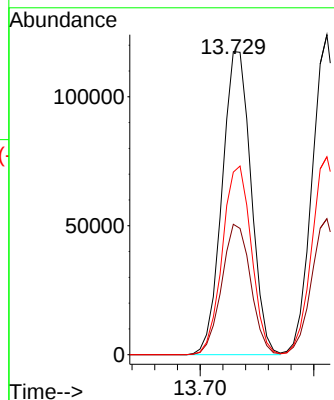
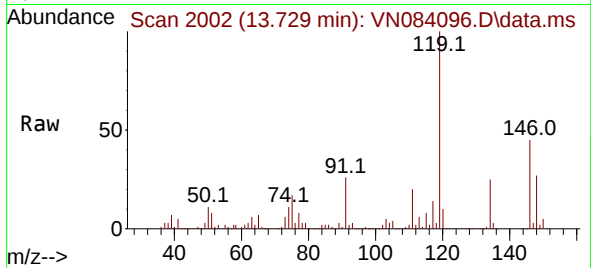




#87  
1,3-Dichlorobenzene  
Concen: 47.174 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

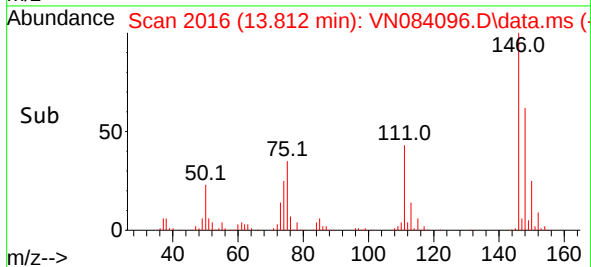
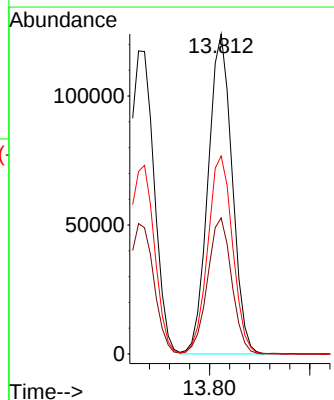
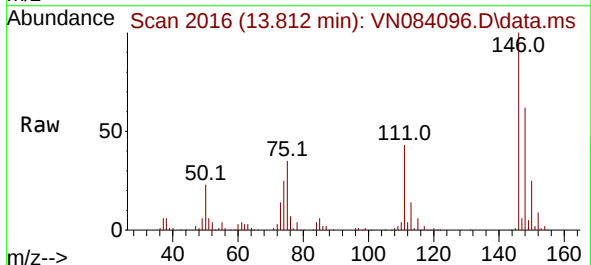
Instrument :  
MSVOA\_N  
ClientSampleId :

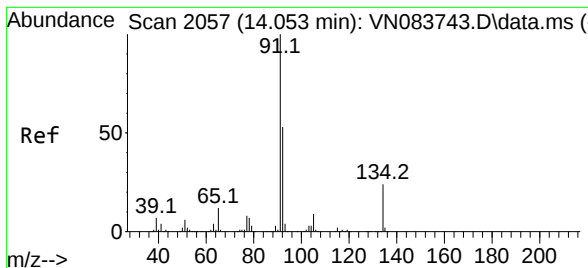
Tgt Ion:146 Resp: 207847  
Ion Ratio Lower Upper  
146 100  
111 43.1 21.7 65.1  
148 62.3 31.7 95.1



#88  
1,4-Dichlorobenzene  
Concen: 46.446 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN084096.D  
Acq: 23 Sep 2024 09:02

Tgt Ion:146 Resp: 207210  
Ion Ratio Lower Upper  
146 100  
111 42.7 21.3 64.0  
148 63.8 32.0 96.2





#89

n-Butylbenzene

Concen: 50.538 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

ClientSampleId :

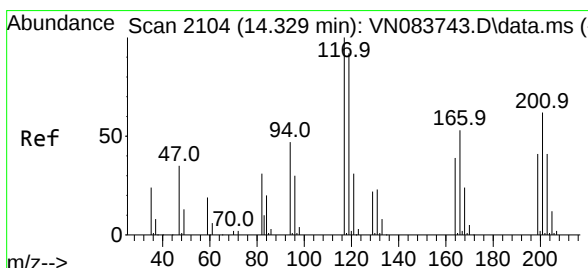
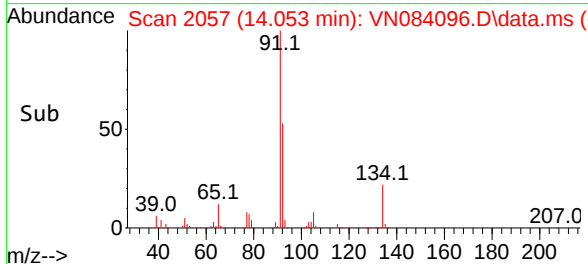
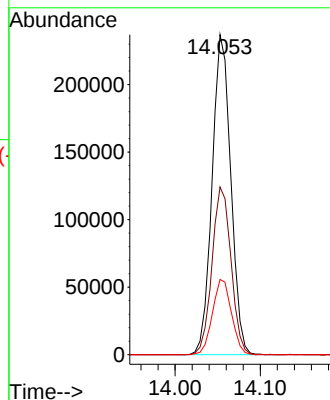
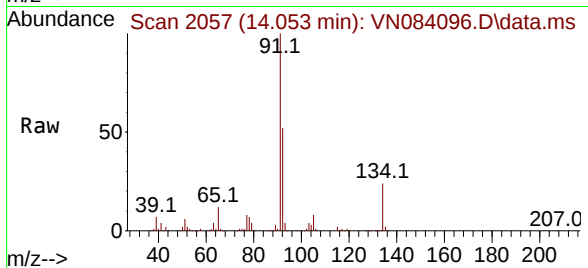
Tgt Ion: 91 Resp: 360877

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.1

134 23.9 12.2 36.4



#90

Hexachloroethane

Concen: 47.637 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN084096.D

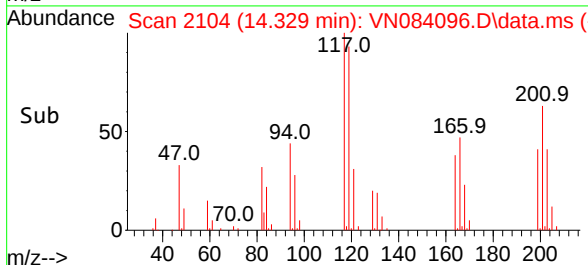
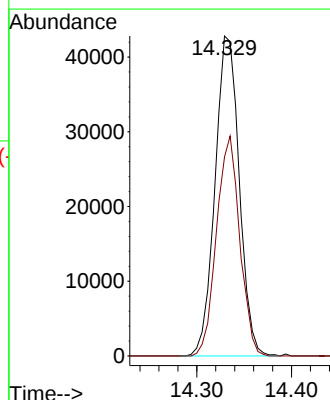
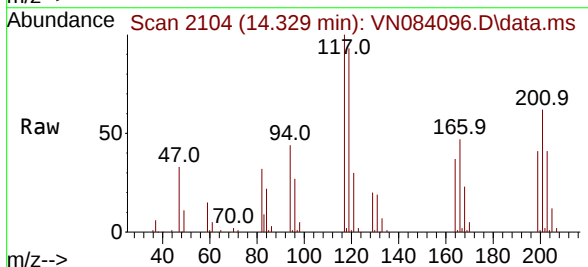
Acq: 23 Sep 2024 09:02

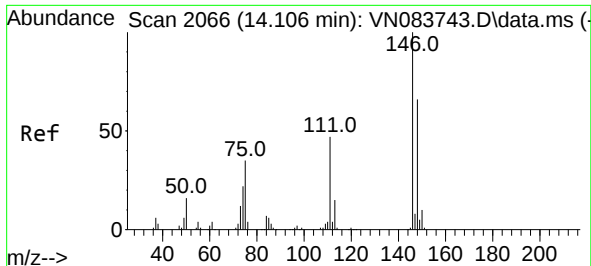
Tgt Ion: 117 Resp: 76159

Ion Ratio Lower Upper

117 100

201 65.7 32.8 98.3





#91

1,2-Dichlorobenzene

Concen: 47.798 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

ClientSampleId :

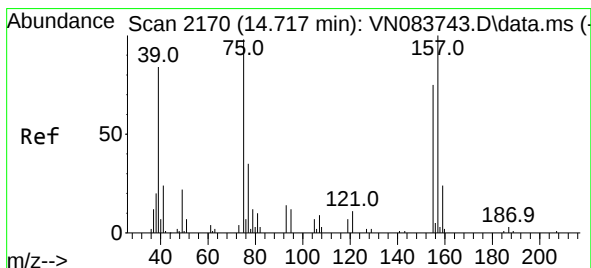
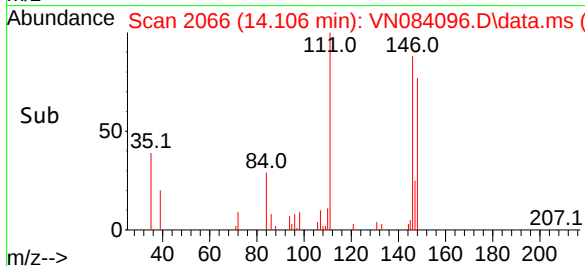
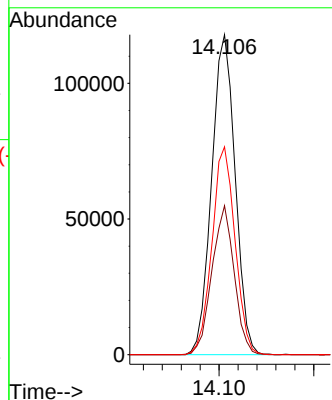
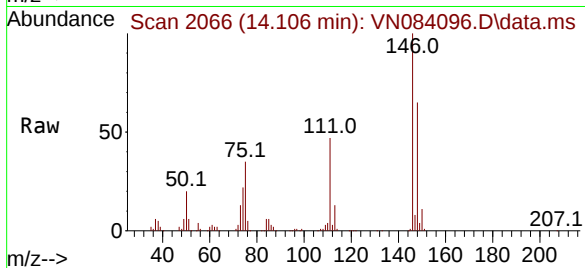
Tgt Ion:146 Resp: 203245

Ion Ratio Lower Upper

146 100

111 44.1 22.8 68.3

148 63.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.246 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

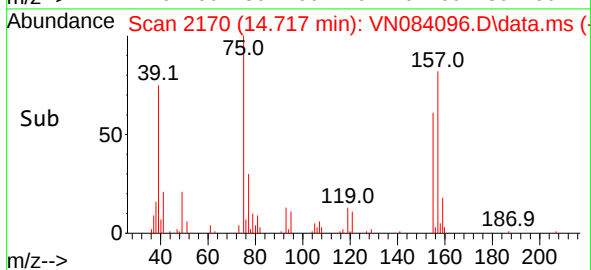
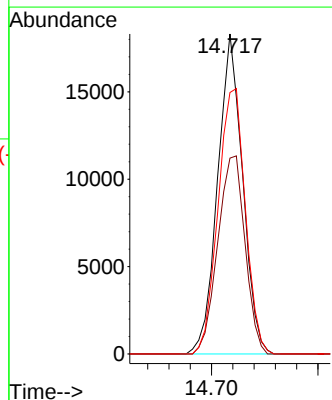
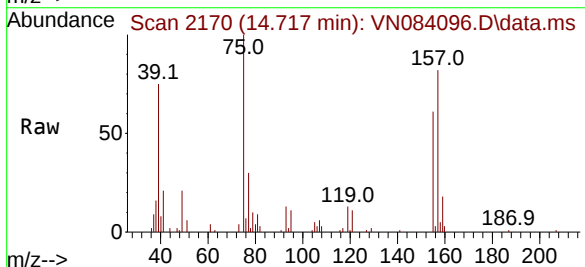
Tgt Ion: 75 Resp: 29679

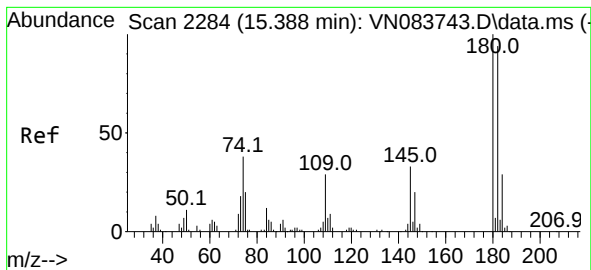
Ion Ratio Lower Upper

75 100

155 67.8 35.9 107.7

157 90.7 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 44.568 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

ClientSampleId :

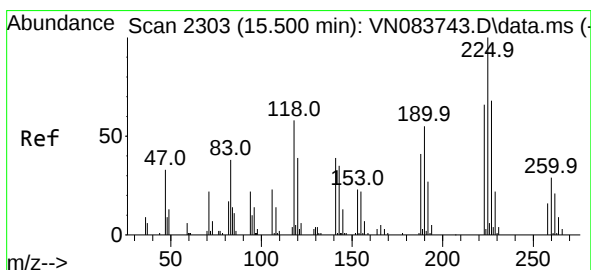
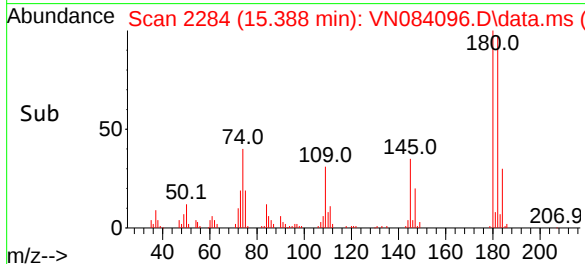
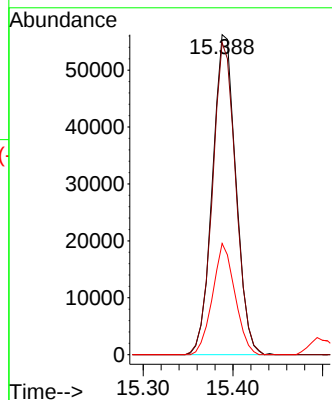
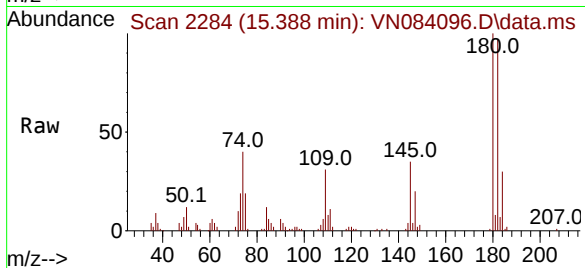
Tgt Ion:180 Resp: 101696

Ion Ratio Lower Upper

180 100

182 96.9 48.1 144.3

145 33.3 16.9 50.7



#94

Hexachlorobutadiene

Concen: 46.831 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

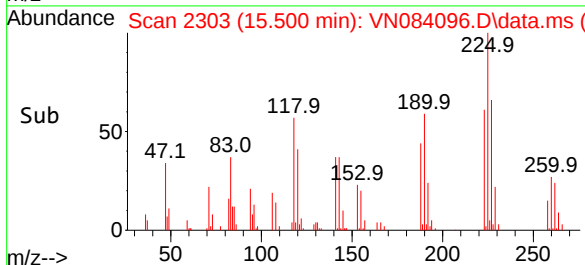
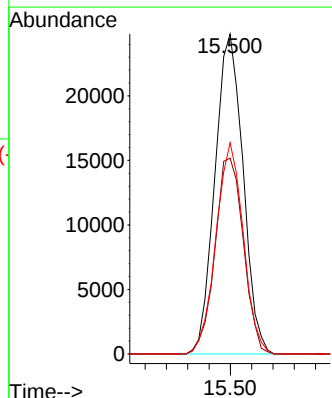
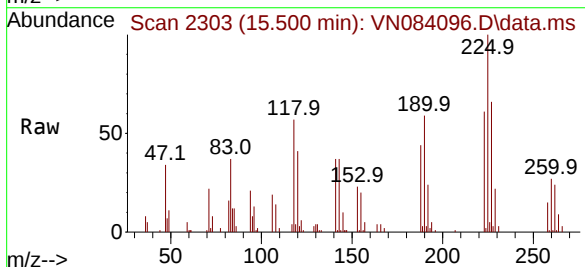
Tgt Ion:225 Resp: 45381

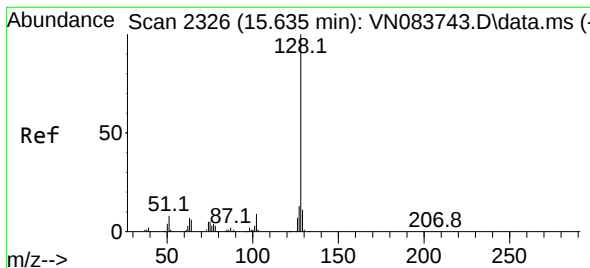
Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.5

227 64.3 32.0 96.2





#95

Naphthalene

Concen: 48.576 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Instrument :

MSVOA\_N

ClientSampleId :

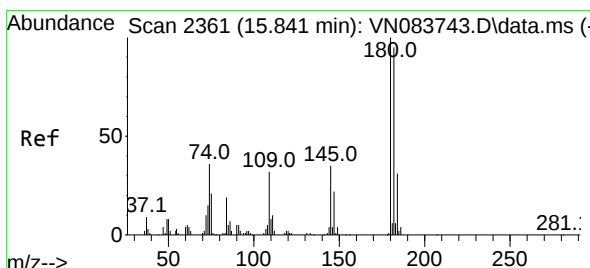
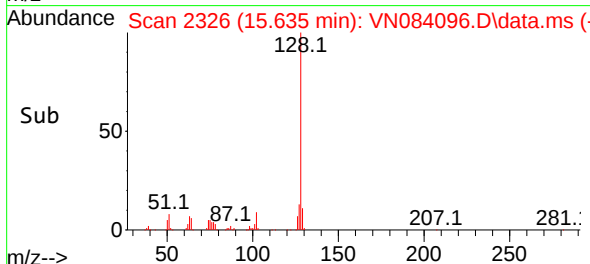
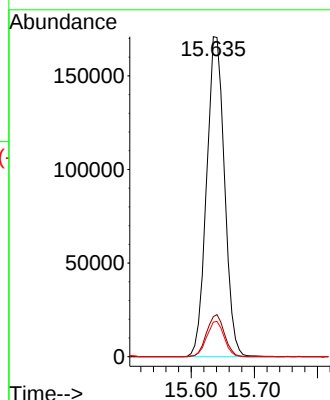
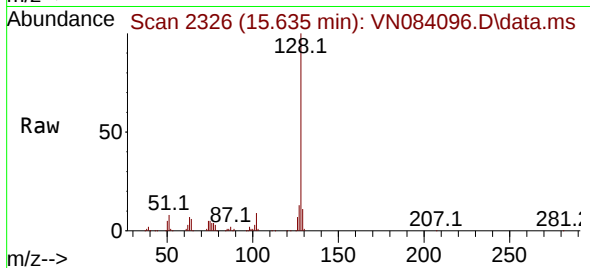
Tgt Ion:128 Resp: 337215

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 46.233 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN084096.D

Acq: 23 Sep 2024 09:02

Tgt Ion:180 Resp: 100822

Ion Ratio Lower Upper

180 100

182 93.7 47.1 141.4

145 35.1 17.8 53.5

