

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112024\  
 Data File : VN084970.D  
 Acq On : 20 Nov 2024 15:45  
 Operator : JC\MD  
 Sample : VN1120WBSD02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBSD02

Quant Time: Nov 21 00:40:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 31 18:45:38 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 162963   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 278816   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 243174   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 121047   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 108233   | 45.984   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 91.960% |
| 35) Dibromofluoromethane    | 8.165  | 113   | 85764    | 45.444   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 90.880% |
| 50) Toluene-d8              | 10.565 | 98    | 304145   | 43.749   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 87.500% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 120032   | 46.198   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 92.400% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.118 | 85  | 32313  | 17.248  | ug/l   | 91  |
| 3) Chloromethane             | 2.359 | 50  | 36877  | 15.012  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.512 | 62  | 34441  | 17.093  | ug/l   | 91  |
| 5) Bromomethane              | 2.900 | 94  | 17467  | 16.361  | ug/l   | 94  |
| 6) Chloroethane              | 3.065 | 64  | 22983  | 17.521  | ug/l   | 90  |
| 7) Trichlorofluoromethane    | 3.459 | 101 | 55477  | 16.714  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.953 | 74  | 19431  | 16.595  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 4.347 | 101 | 31286  | 16.681  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.577 | 142 | 42680  | 17.027  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.547 | 59  | 30218  | 97.262  | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 4.318 | 96  | 29423  | 15.855  | ug/l   | 95  |
| 13) Acrolein                 | 4.177 | 56  | 28066  | 90.592  | ug/l   | 96  |
| 14) Allyl chloride           | 5.006 | 41  | 50050  | 16.630  | ug/l   | 93  |
| 15) Acrylonitrile            | 5.718 | 53  | 83968  | 93.358  | ug/l   | 99  |
| 16) Acetone                  | 4.430 | 43  | 70097  | 101.403 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.694 | 76  | 84525  | 14.790  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.024 | 43  | 45554  | 15.595  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 98667  | 17.346  | ug/l   | 99  |
| 20) Methylene Chloride       | 5.265 | 84  | 34963  | 16.889  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 29837  | 15.658  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.671 | 45  | 100404 | 16.789  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.600 | 43  | 381194 | 92.432  | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 61307  | 17.075  | ug/l   | 99  |
| 25) 2-Butanone               | 7.483 | 43  | 111998 | 101.993 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 52592  | 16.830  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 36312  | 16.319  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.812 | 49  | 25232  | 17.639  | ug/l   | 96  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 70861  | 97.271  | ug/l   | 95  |
| 30) Chloroform               | 7.959 | 83  | 63092  | 17.265  | ug/l   | 97  |
| 31) Cyclohexane              | 8.259 | 56  | 51134  | 15.736  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 8.159 | 97  | 56629  | 17.026  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 41027  | 15.675  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.565 | 43  | 42529  | 17.909  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 50027  | 17.100  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.600 | 83  | 43906  | 16.489  | ug/l   | 95  |
| 40) Benzene                  | 8.600 | 78  | 135050 | 16.067  | ug/l   | 96  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112024\  
 Data File : VN084970.D  
 Acq On : 20 Nov 2024 15:45  
 Operator : JC\MD  
 Sample : VN1120WBSD02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBSD02

Quant Time: Nov 21 00:40:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 31 18:45:38 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 23886    | 18.704  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 46467    | 17.069  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.688  | 43   | 113682   | 25.438  | ug/l # | 87       |
| 44) Trichloroethene           | 9.353  | 130  | 31011    | 15.997  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 33450    | 16.964  | ug/l   | 98       |
| 46) Dibromomethane            | 9.706  | 93   | 23629    | 16.983  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.882  | 83   | 48606    | 16.573  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.682  | 41   | 33924    | 18.355  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 12884    | 393.392 | ug/l # | 79       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 224753   | 99.280  | ug/l   | 100      |
| 52) Toluene                   | 10.629 | 92   | 83276    | 16.940  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 47355    | 15.598  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 50371    | 15.677  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 31410    | 16.962  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 48338    | 18.046  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 54957    | 17.292  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 114277   | 91.174  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.194 | 43   | 164054   | 99.559  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 36351    | 17.224  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 32450    | 17.112  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.100 | 164  | 25212    | 15.587  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.894 | 112  | 88125    | 16.199  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 32381    | 17.112  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 145750   | 16.050  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.070 | 106  | 115267   | 33.528  | ug/l   | 100      |
| 69) o-Xylene                  | 12.394 | 106  | 54676    | 17.001  | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 90680    | 16.163  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 24769    | 17.395  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.694 | 105  | 134065   | 15.805  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 61660    | 17.079  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 47681    | 16.840  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 60935    | 25.183  | ug/l   | 55       |
| 77) Bromobenzene              | 12.976 | 156  | 33051    | 14.494  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.035 | 91   | 156349   | 15.729  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 104038   | 16.018  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 116408   | 16.557  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 16983    | 16.651  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 100241   | 14.665  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 99031    | 17.020  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 118095   | 16.275  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.612 | 105  | 127493   | 15.512  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 104335   | 15.478  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 63122    | 14.183  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 61674    | 14.351  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 82811    | 13.133  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 23051    | 15.334  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 62227    | 14.551  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 9484     | 16.534  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 27394    | 11.703  | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 13846    | 13.470  | ug/l   | 97       |
| 95) Naphthalene               | 15.641 | 128  | 92180    | 13.157  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 27885    | 12.272  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112024\  
Data File : VN084970.D  
Acq On : 20 Nov 2024 15:45  
Operator : JC\MD  
Sample : VN1120WBSD02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

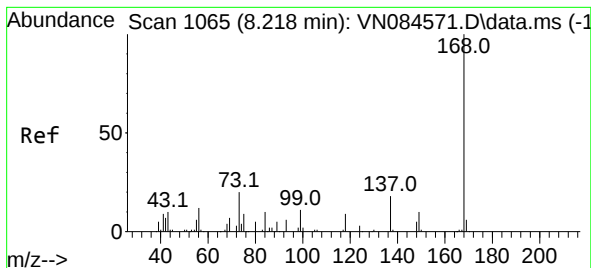
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

Quant Time: Nov 21 00:40:15 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
Response via : Initial Calibration

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

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

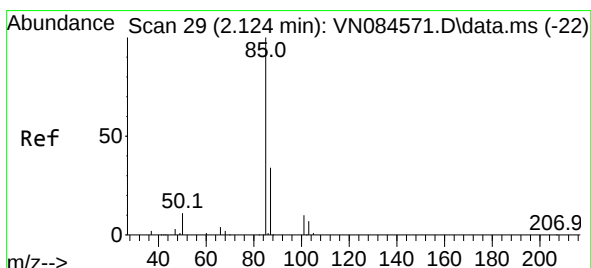
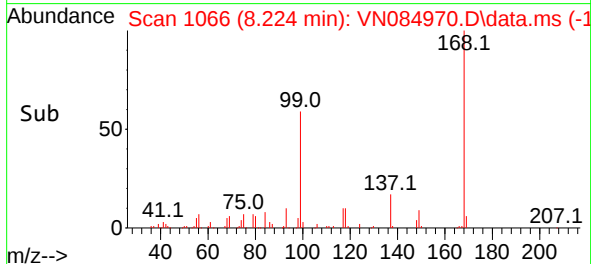
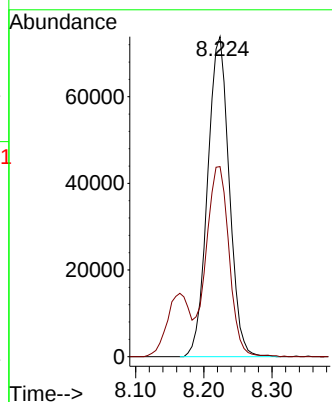
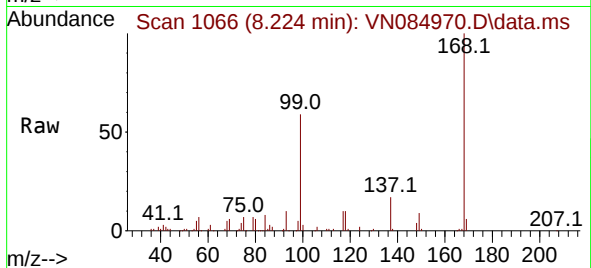




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

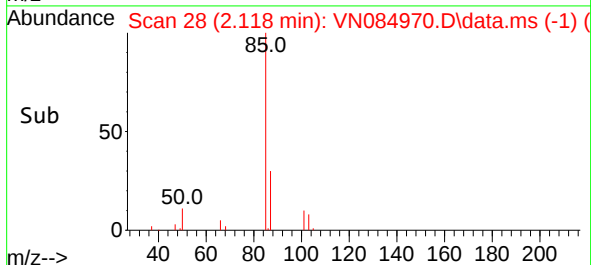
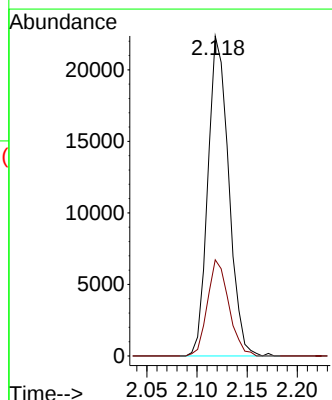
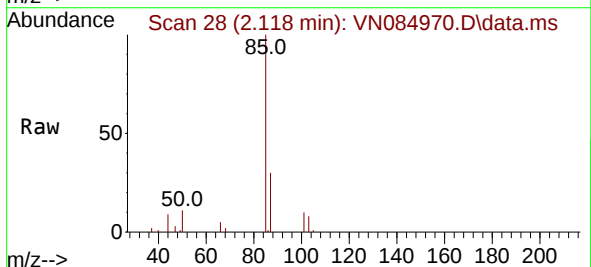
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MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

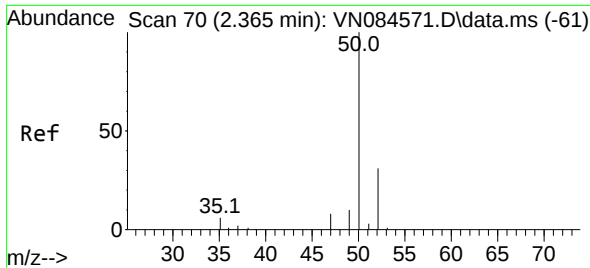
Tgt Ion:168 Resp: 162963  
Ion Ratio Lower Upper  
168 100  
99 59.4 54.2 81.2



#2  
Dichlorodifluoromethane  
Concen: 17.248 ug/l  
RT: 2.118 min Scan# 28  
Delta R.T. -0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 85 Resp: 32313  
Ion Ratio Lower Upper  
85 100  
87 30.1 17.6 52.9

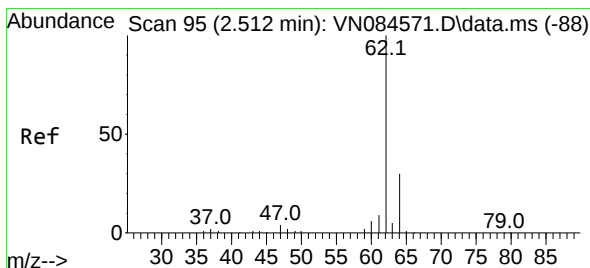
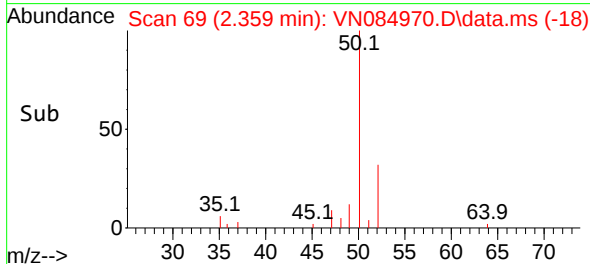
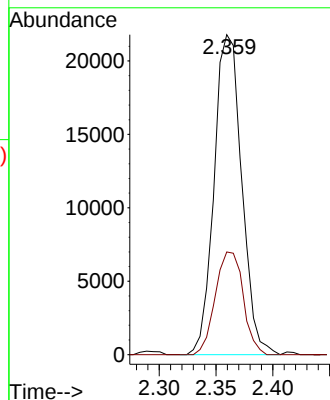
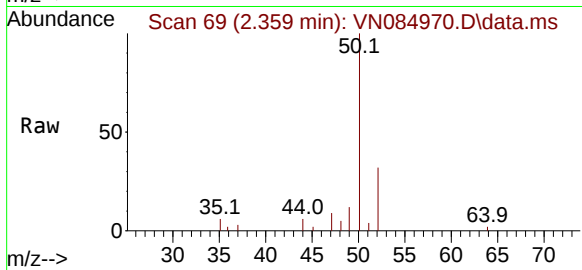




#3  
Chloromethane  
Concen: 15.012 ug/l  
RT: 2.359 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

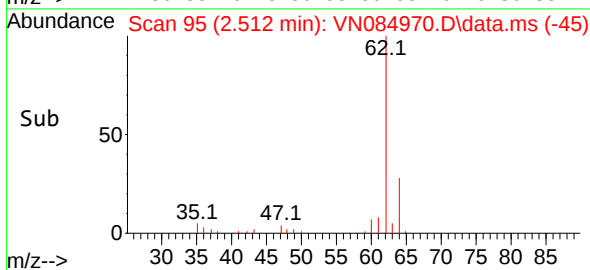
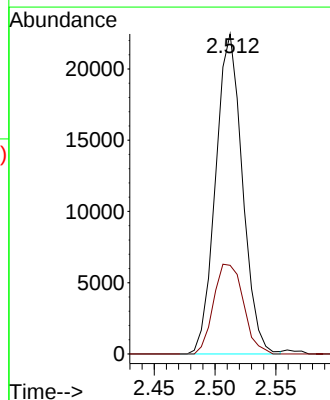
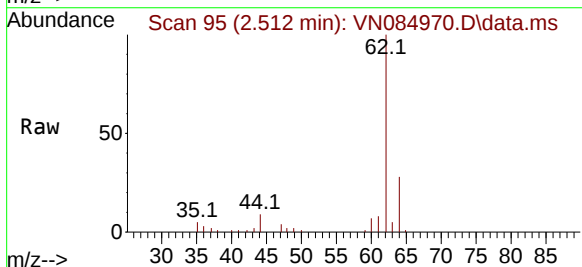
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

Tgt Ion: 50 Resp: 36877  
Ion Ratio Lower Upper  
50 100  
52 32.1 26.8 40.2



#4  
Vinyl Chloride  
Concen: 17.093 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 62 Resp: 34441  
Ion Ratio Lower Upper  
62 100  
64 27.7 26.2 39.4

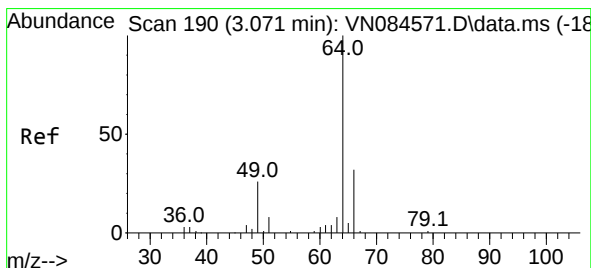
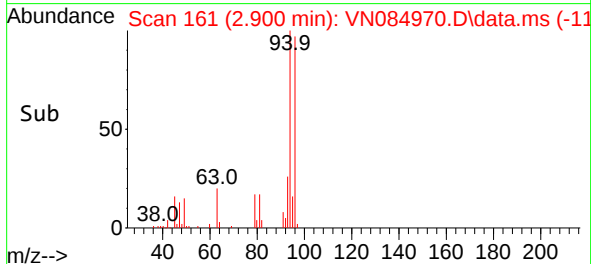
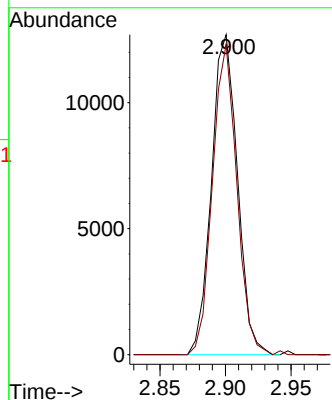
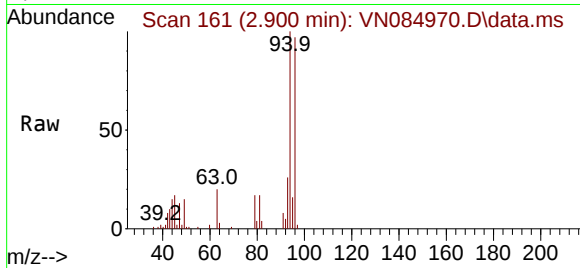




#5  
Bromomethane  
Concen: 16.361 ug/l  
RT: 2.900 min Scan# 11  
Delta R.T. -0.053 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

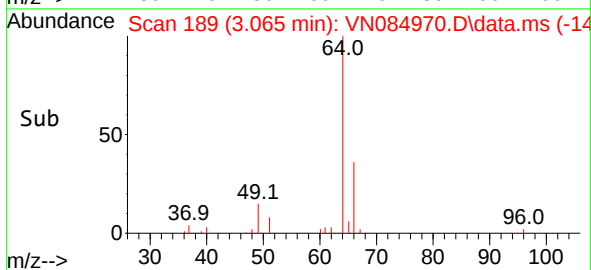
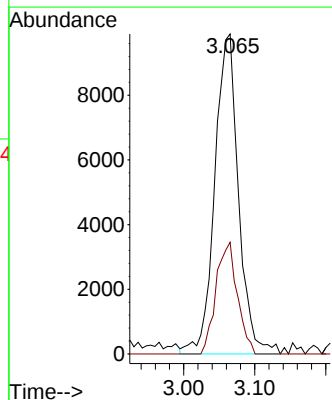
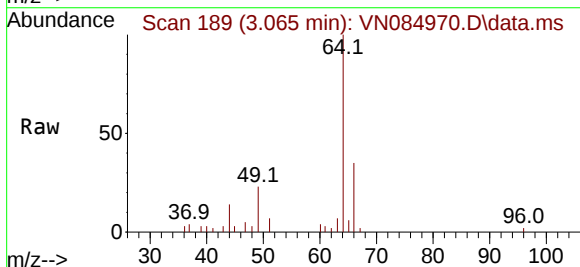
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

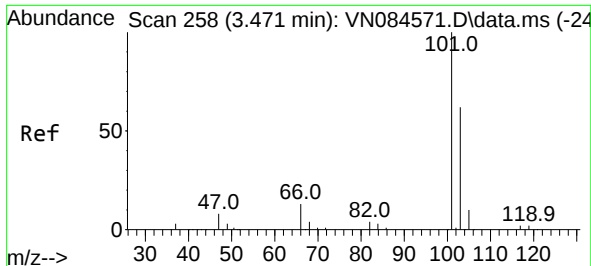
Tgt Ion: 94 Resp: 17467  
Ion Ratio Lower Upper  
94 100  
96 97.0 72.9 109.3



#6  
Chloroethane  
Concen: 17.521 ug/l  
RT: 3.065 min Scan# 189  
Delta R.T. -0.053 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 64 Resp: 22983  
Ion Ratio Lower Upper  
64 100  
66 34.9 23.5 35.3

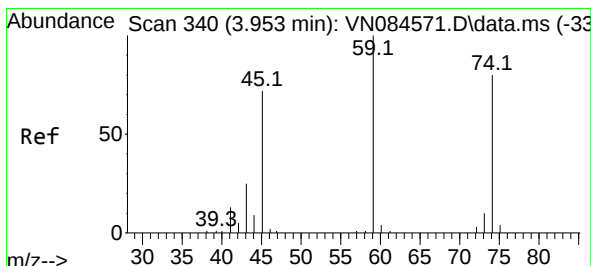
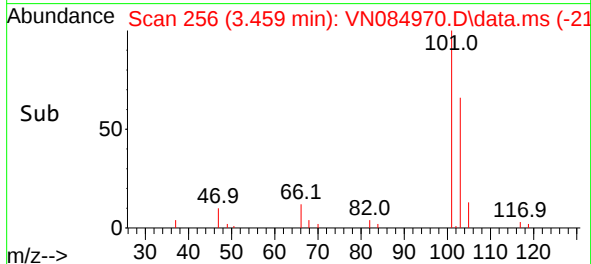
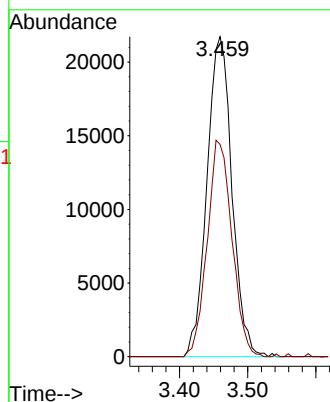
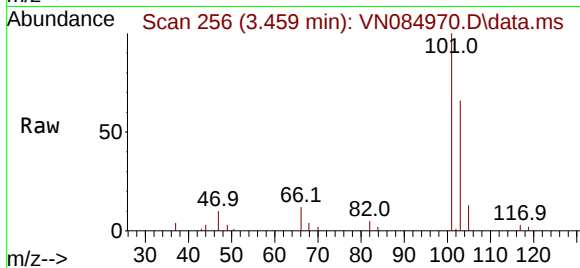




#7  
 Trichlorofluoromethane  
 Concen: 16.714 ug/l  
 RT: 3.459 min Scan# 21  
 Delta R.T. -0.036 min  
 Lab File: VN084970.D  
 Acq: 20 Nov 2024 15:45

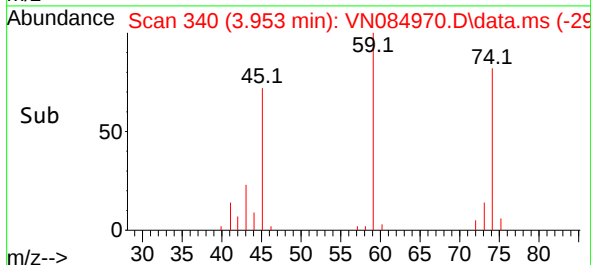
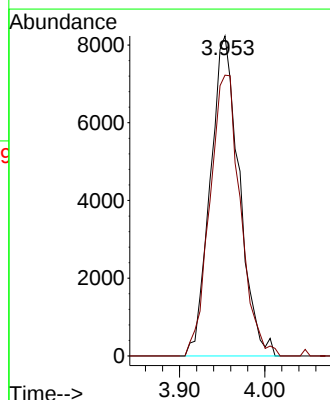
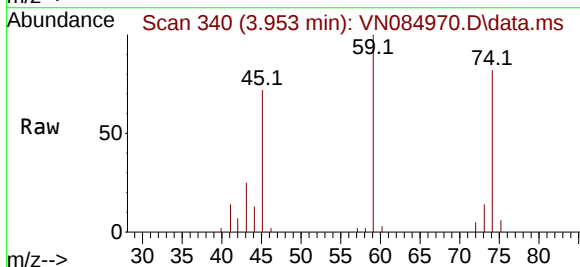
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBSD02

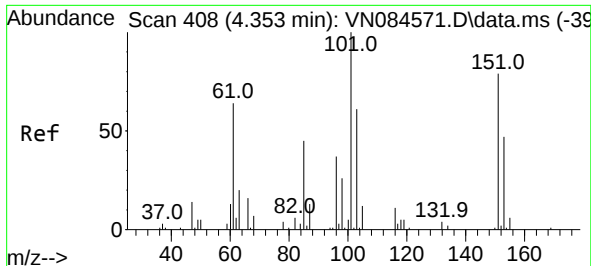
Tgt Ion:101 Resp: 55477  
 Ion Ratio Lower Upper  
 101 100  
 103 66.3 51.8 77.6



#8  
 Diethyl Ether  
 Concen: 16.595 ug/l  
 RT: 3.953 min Scan# 340  
 Delta R.T. -0.006 min  
 Lab File: VN084970.D  
 Acq: 20 Nov 2024 15:45

Tgt Ion: 74 Resp: 19431  
 Ion Ratio Lower Upper  
 74 100  
 45 92.6 47.7 143.1

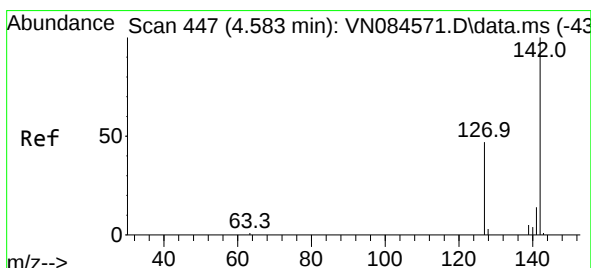
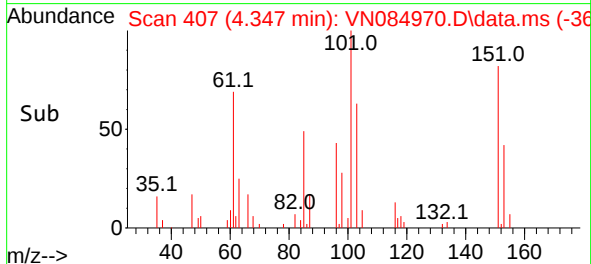
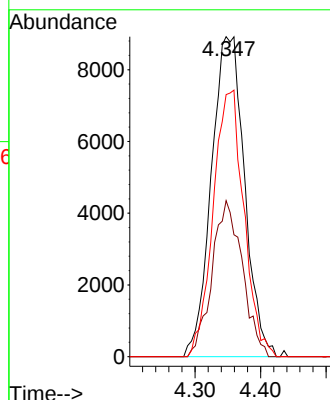
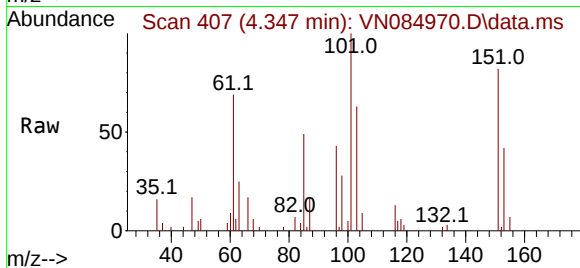




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 16.681 ug/l  
RT: 4.347 min Scan# 408  
Delta R.T. -0.024 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

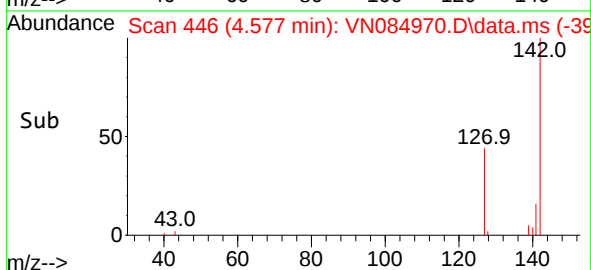
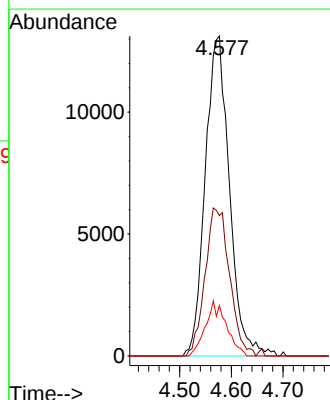
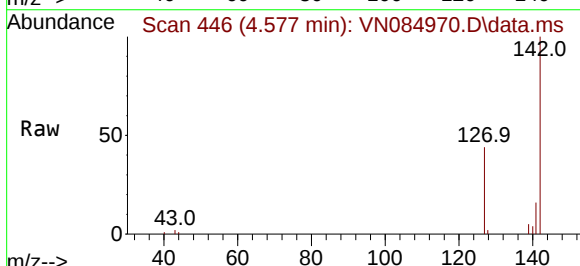
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

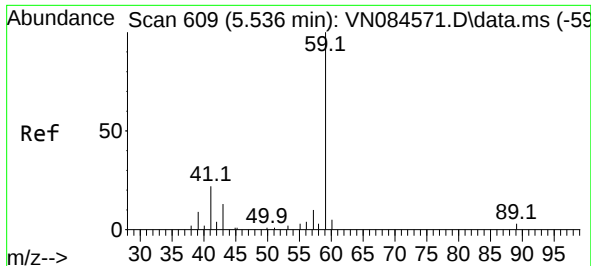
Tgt Ion:101 Resp: 31286  
Ion Ratio Lower Upper  
101 100  
85 44.6 36.2 54.4  
151 77.1 59.3 88.9



#10  
Methyl Iodide  
Concen: 17.027 ug/l  
RT: 4.577 min Scan# 446  
Delta R.T. -0.018 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion:142 Resp: 42680  
Ion Ratio Lower Upper  
142 100  
127 43.8 35.3 52.9  
141 15.8 11.0 16.6

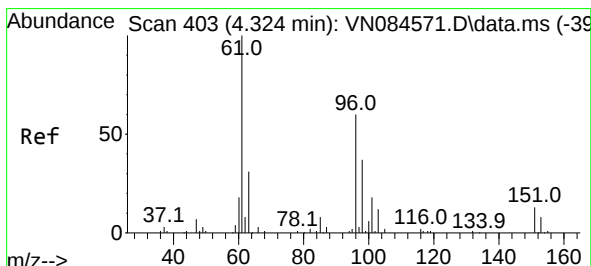
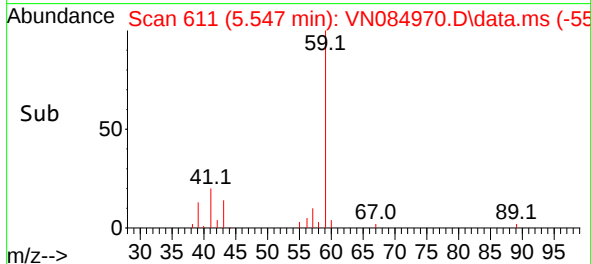
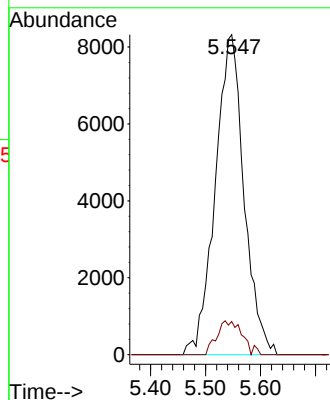
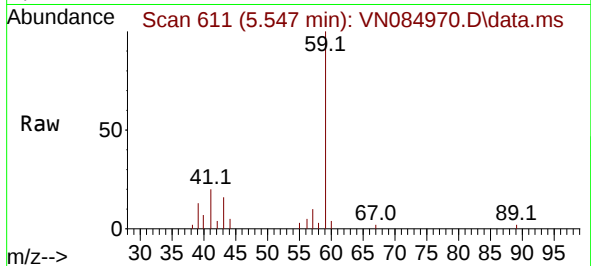




#11  
Tert butyl alcohol  
Concen: 97.262 ug/l  
RT: 5.547 min Scan# 611  
Delta R.T. 0.024 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

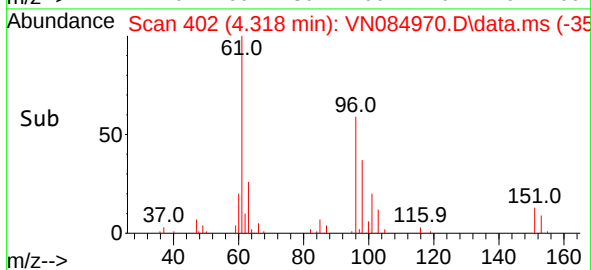
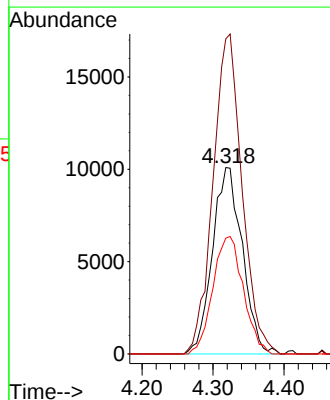
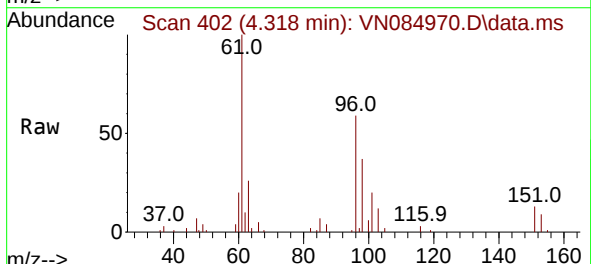
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

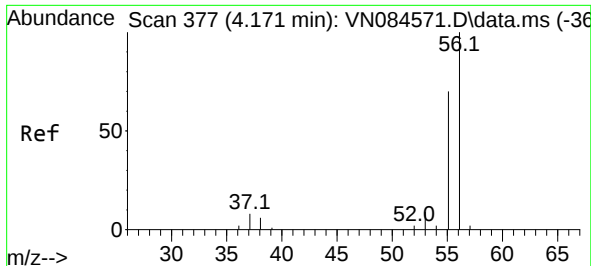
Tgt Ion: 59 Resp: 30218  
Ion Ratio Lower Upper  
59 100  
57 8.9 8.2 12.2



#12  
1,1-Dichloroethene  
Concen: 15.855 ug/l  
RT: 4.318 min Scan# 402  
Delta R.T. -0.024 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 96 Resp: 29423  
Ion Ratio Lower Upper  
96 100  
61 168.9 128.6 192.8  
98 62.2 51.7 77.5





#13

Acrolein

Concen: 90.592 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

Instrument :

MSVOA\_N

ClientSampleId :

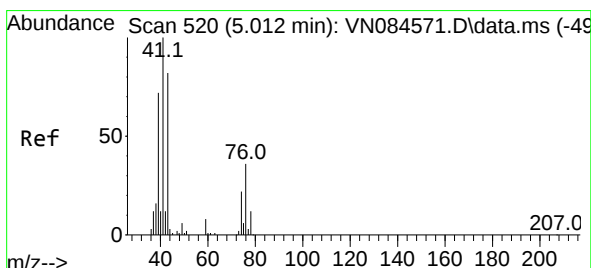
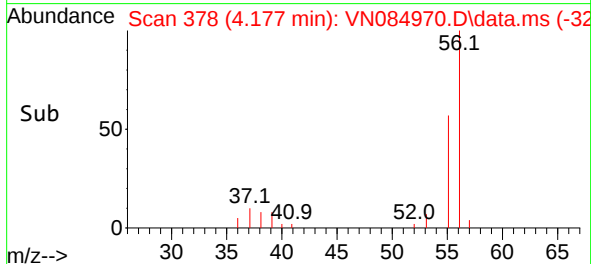
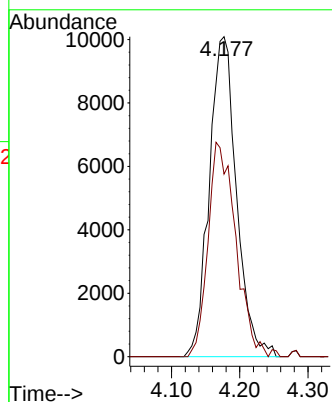
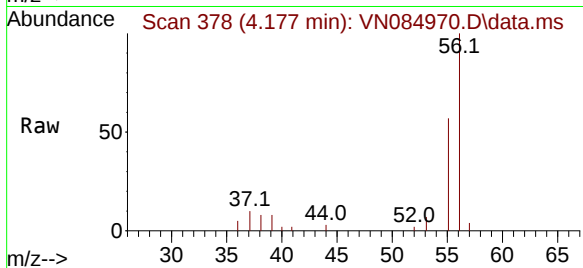
VN1120WBSD02

Tgt Ion: 56 Resp: 28066

Ion Ratio Lower Upper

56 100

55 68.0 57.2 85.8



#14

Allyl chloride

Concen: 16.630 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.018 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

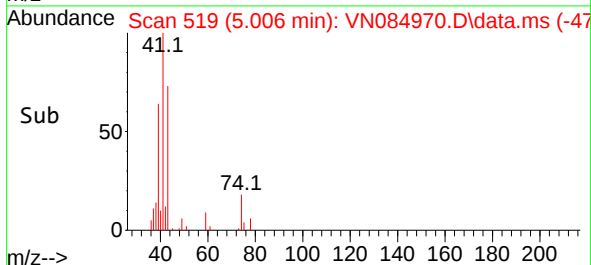
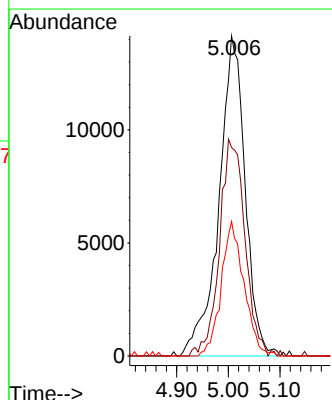
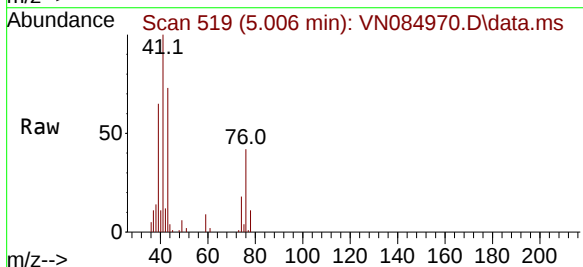
Tgt Ion: 41 Resp: 50050

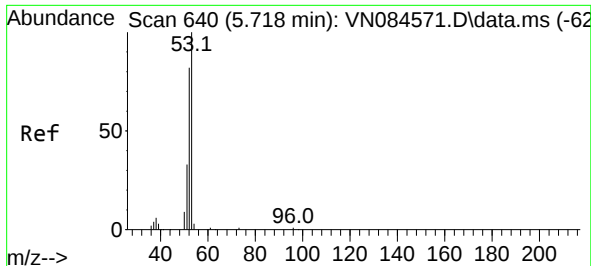
Ion Ratio Lower Upper

41 100

39 65.2 59.0 88.6

76 36.5 29.8 44.6

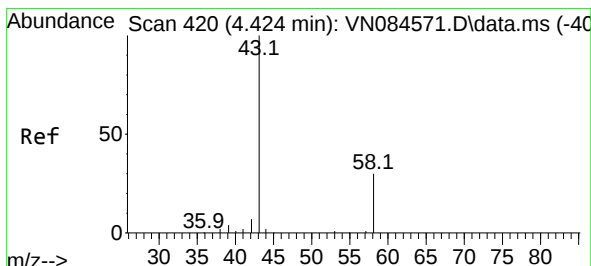
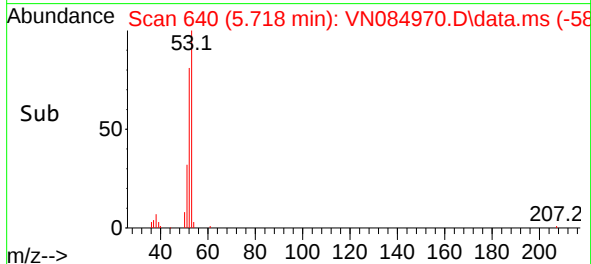
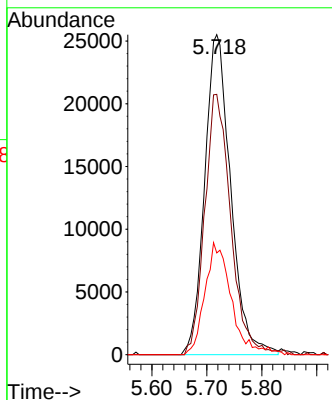
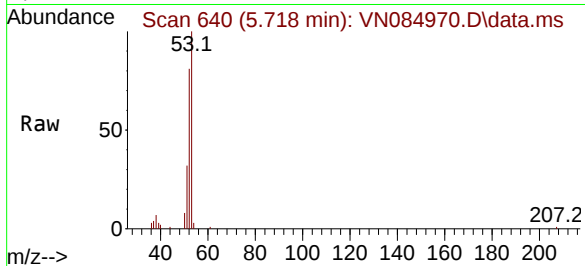




#15  
Acrylonitrile  
Concen: 93.358 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

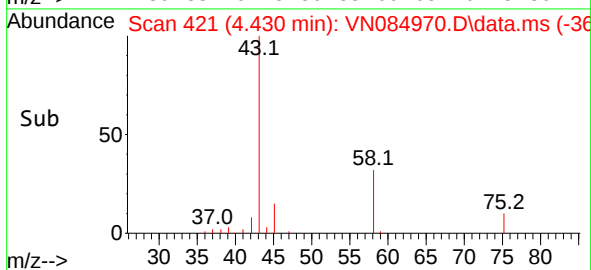
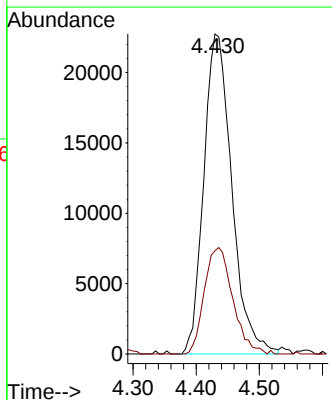
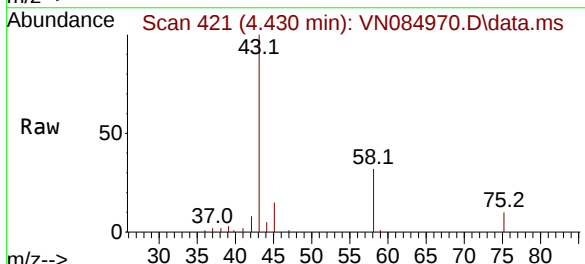
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

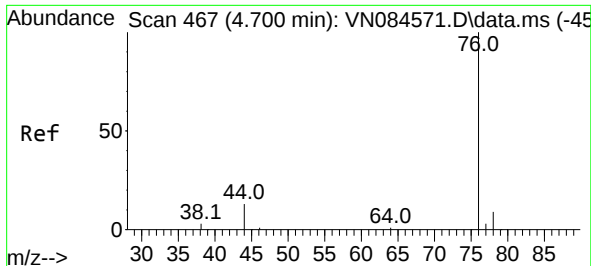
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 83968 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 81.2     | 66.2 99.4   |
| 51 35.6     | 28.8 43.2   |



#16  
Acetone  
Concen: 101.403 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 70097 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 32.3     | 24.4 36.6   |

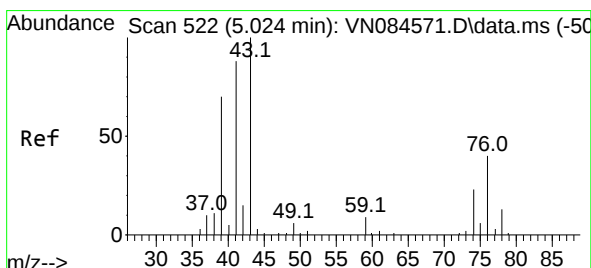
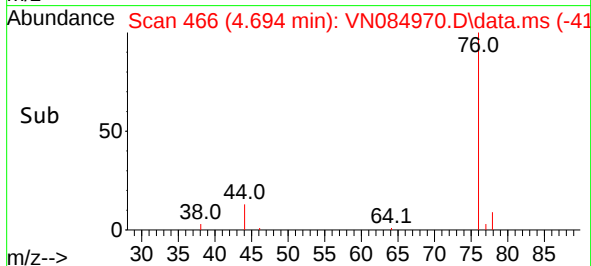
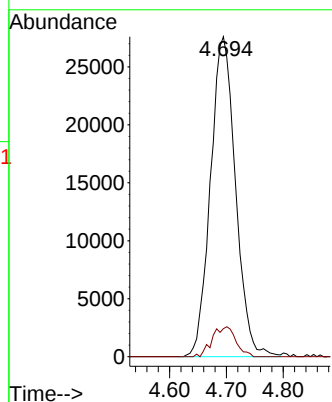
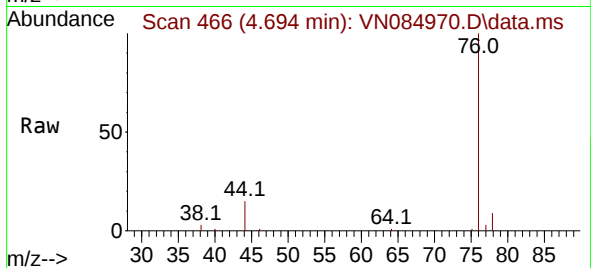




#17  
Carbon Disulfide  
Concen: 14.790 ug/l  
RT: 4.694 min Scan# 41  
Delta R.T. -0.018 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

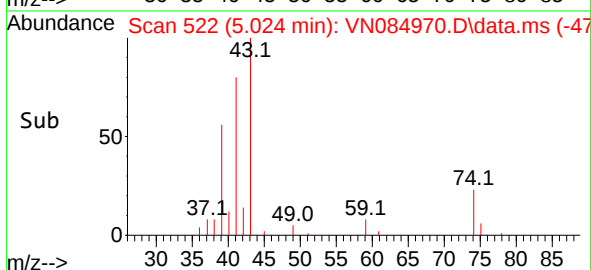
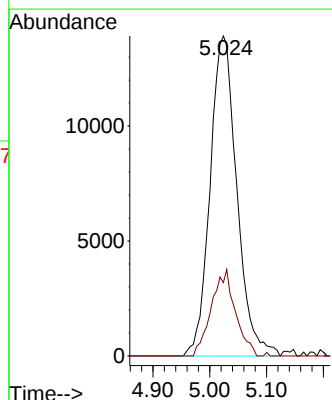
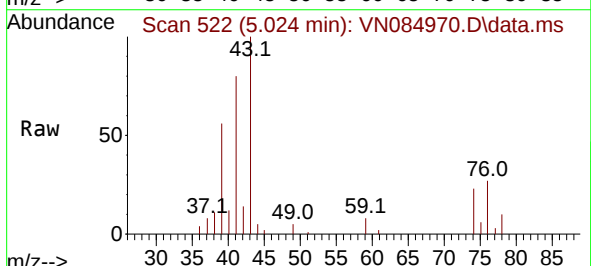
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

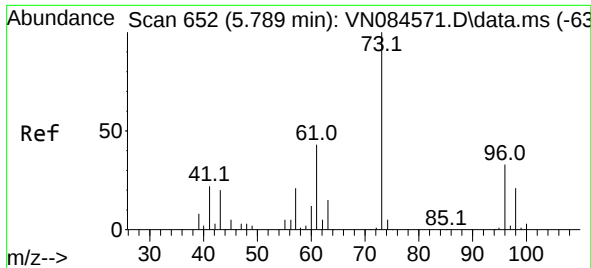
Tgt Ion: 76 Resp: 84525  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.3 10.9



#18  
Methyl Acetate  
Concen: 15.595 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 43 Resp: 45554  
Ion Ratio Lower Upper  
43 100  
74 24.1 19.2 28.8

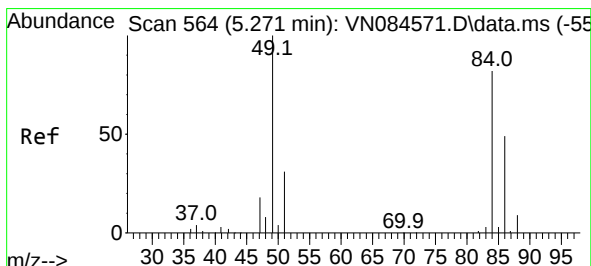
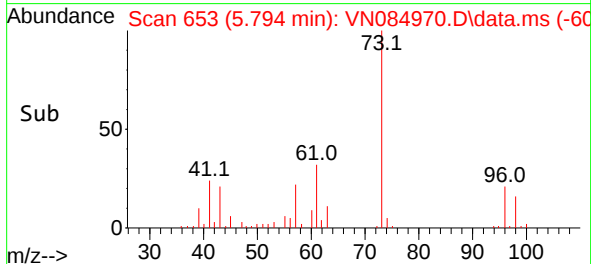
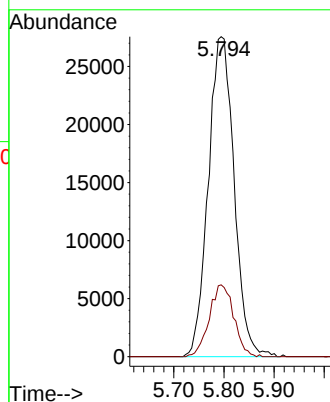
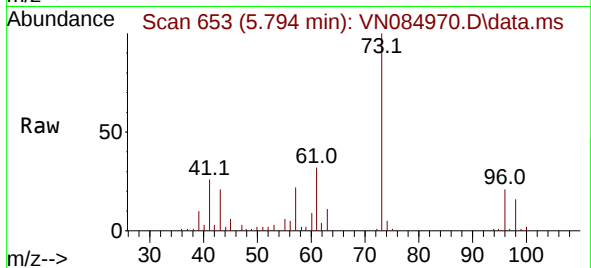




#19  
Methyl tert-butyl Ether  
Concen: 17.346 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

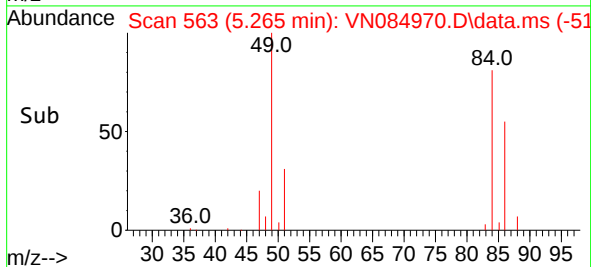
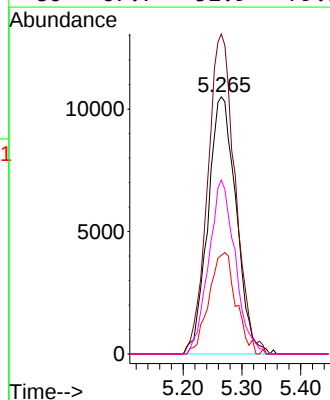
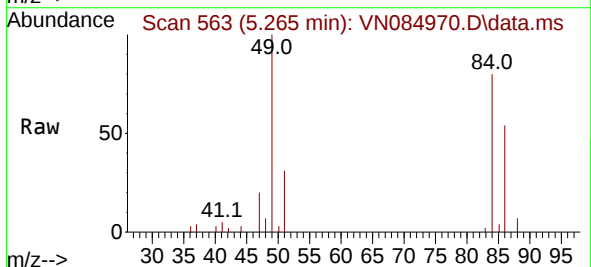
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

Tgt Ion: 73 Resp: 98667  
Ion Ratio Lower Upper  
73 100  
57 22.5 17.7 26.5



#20  
Methylene Chloride  
Concen: 16.889 ug/l  
RT: 5.265 min Scan# 563  
Delta R.T. -0.012 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 84 Resp: 34963  
Ion Ratio Lower Upper  
84 100  
49 124.5 107.2 160.8  
51 38.3 31.8 47.8  
86 67.7 52.9 79.3

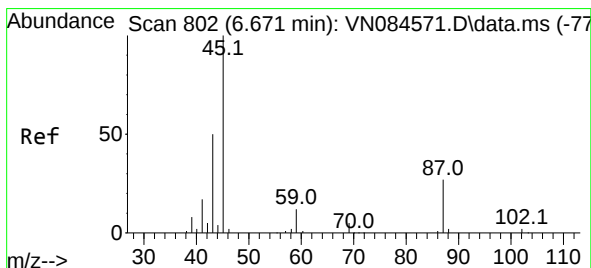
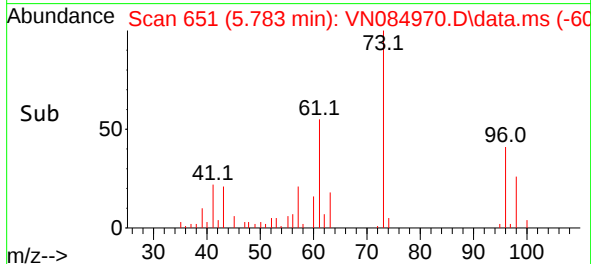
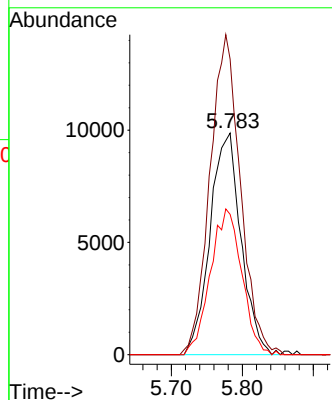
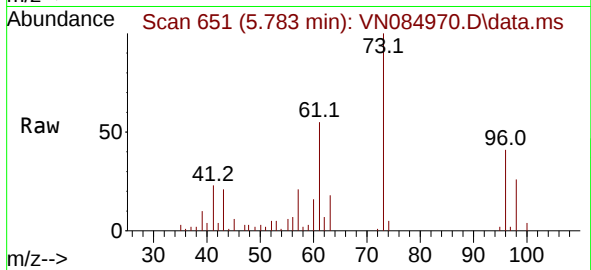




#21  
trans-1,2-Dichloroethene  
Concen: 15.658 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

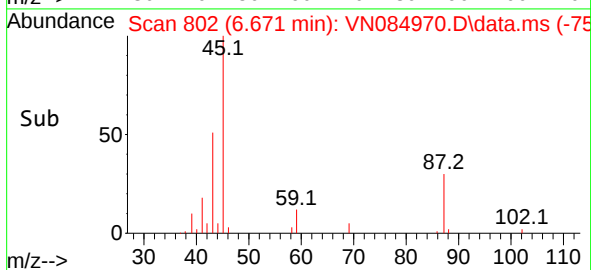
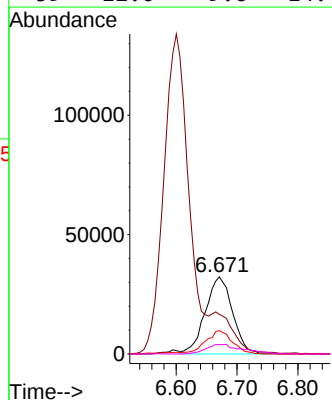
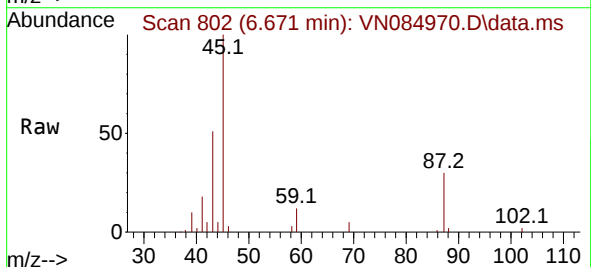
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

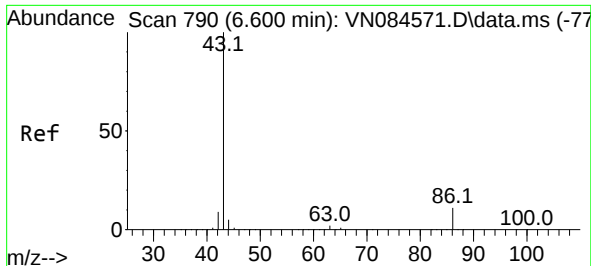
Tgt Ion: 96 Resp: 29837  
Ion Ratio Lower Upper  
96 100  
61 133.4 108.4 162.6  
98 63.3 49.8 74.8



#22  
Diisopropyl ether  
Concen: 16.789 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 45 Resp: 100404  
Ion Ratio Lower Upper  
45 100  
43 50.6 42.3 63.5  
87 30.2 21.8 32.6  
59 12.0 9.6 14.4

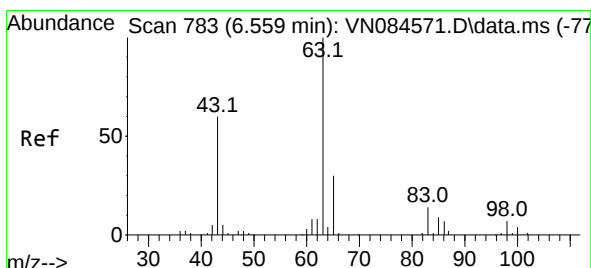
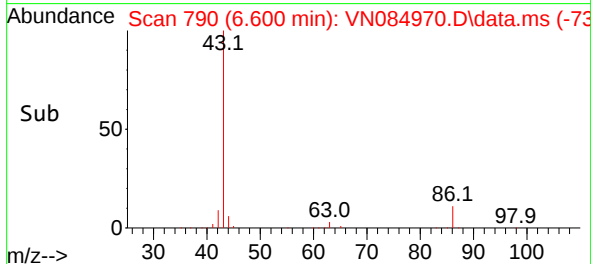
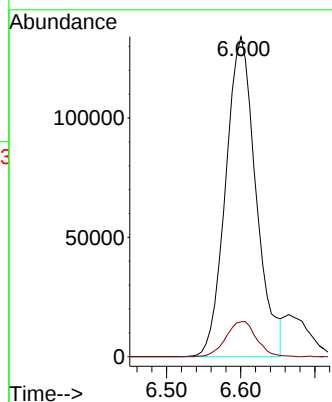
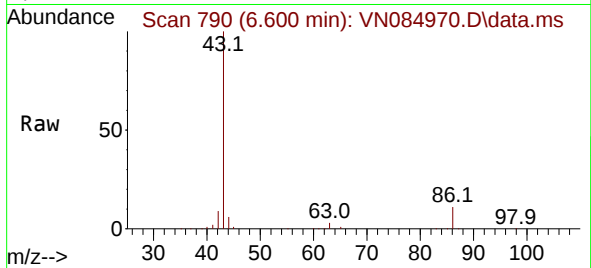




#23  
 Vinyl Acetate  
 Concen: 92.432 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN084970.D  
 Acq: 20 Nov 2024 15:45

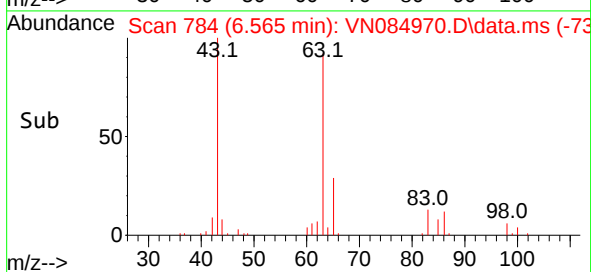
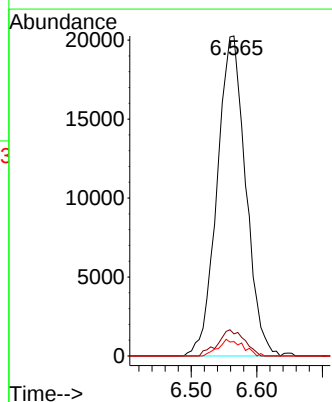
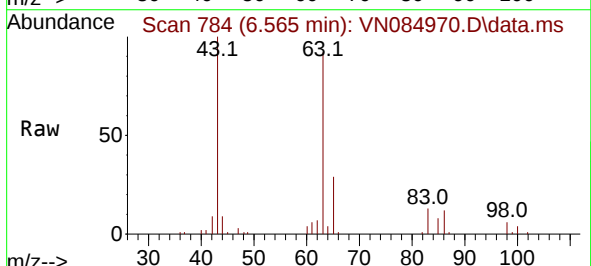
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBSD02

Tgt Ion: 43 Resp: 381194  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 8.6 12.8



#24  
 1,1-Dichloroethane  
 Concen: 17.075 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.006 min  
 Lab File: VN084970.D  
 Acq: 20 Nov 2024 15:45

Tgt Ion: 63 Resp: 61307  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.4 10.2  
 100 4.5 2.0 5.8

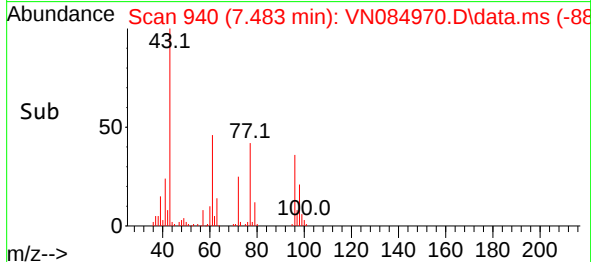
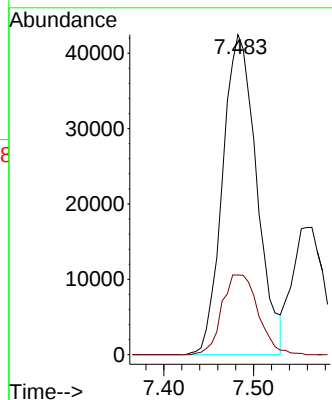
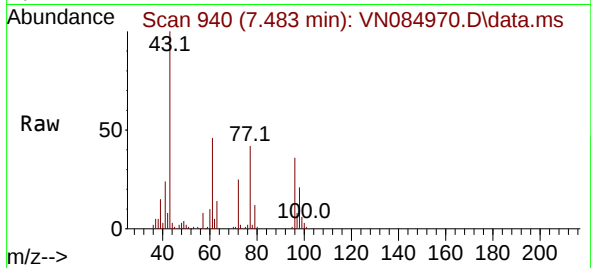




#25  
2-Butanone  
Concen: 101.993 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

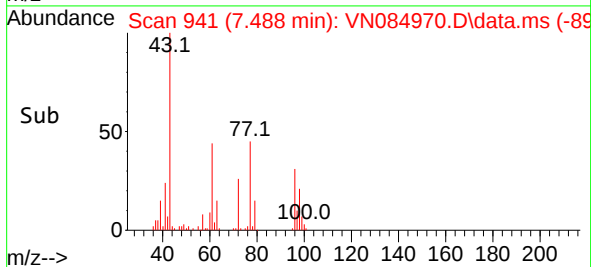
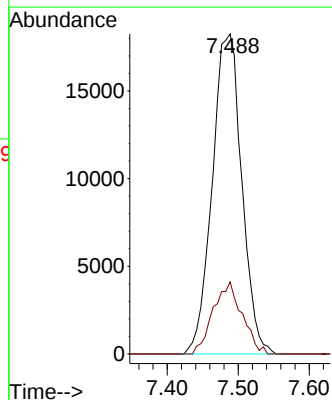
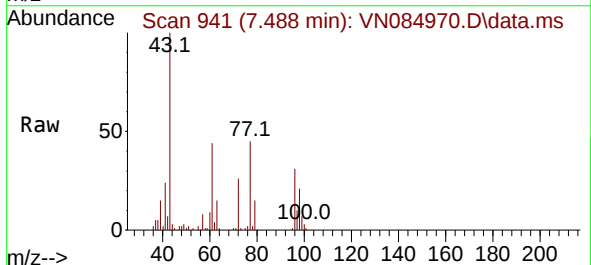
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

Tgt Ion: 43 Resp: 111998  
Ion Ratio Lower Upper  
43 100  
72 24.9 21.4 32.2



#26  
2,2-Dichloropropane  
Concen: 16.830 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 77 Resp: 52592  
Ion Ratio Lower Upper  
77 100  
97 22.1 10.8 32.3

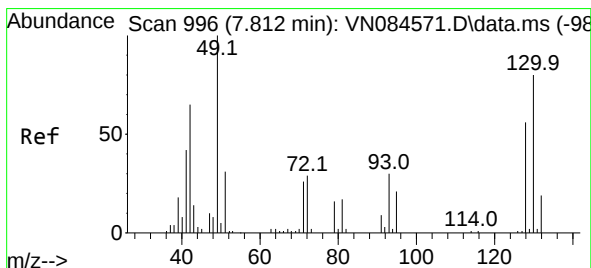
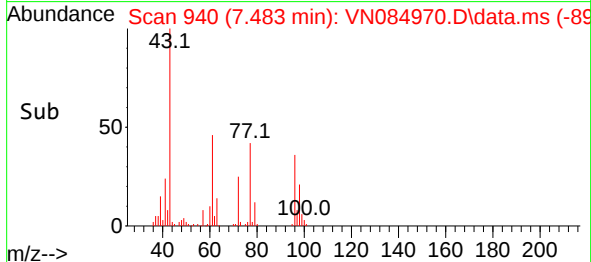
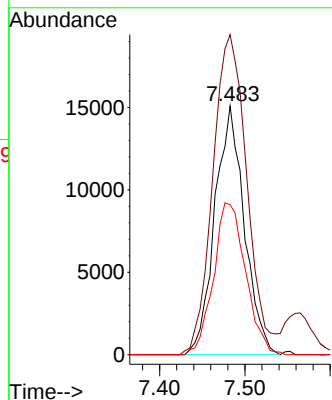
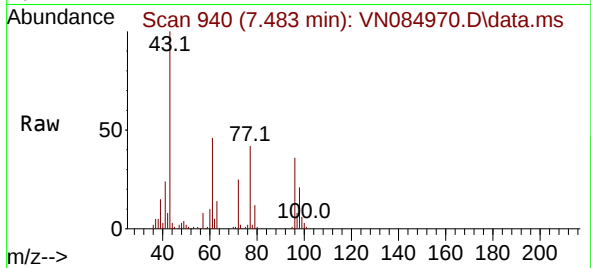




#27  
 cis-1,2-Dichloroethene  
 Concen: 16.319 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. -0.006 min  
 Lab File: VN084970.D  
 Acq: 20 Nov 2024 15:45

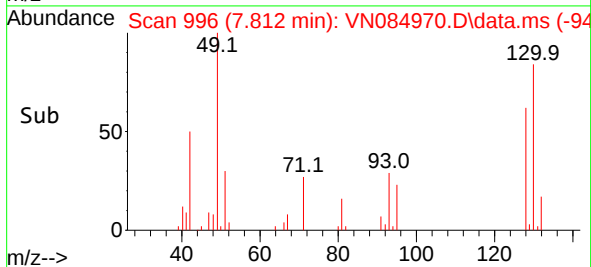
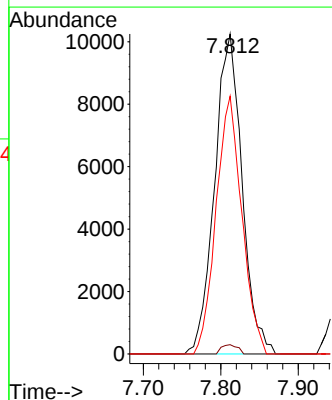
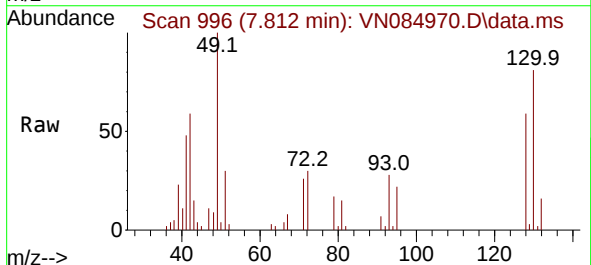
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBSD02

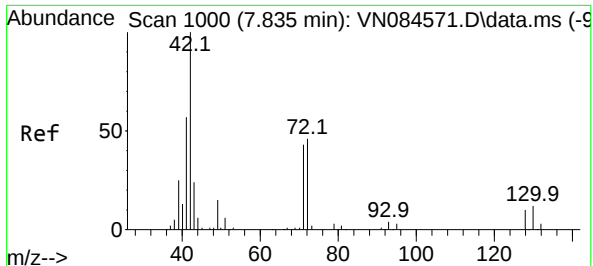
Tgt Ion: 96 Resp: 36312  
 Ion Ratio Lower Upper  
 96 100  
 61 148.2 0.0 301.8  
 98 66.4 0.0 128.2



#28  
 Bromochloromethane  
 Concen: 17.639 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.000 min  
 Lab File: VN084970.D  
 Acq: 20 Nov 2024 15:45

Tgt Ion: 49 Resp: 25232  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 3.6  
 130 75.8 58.0 87.0





#29

Tetrahydrofuran

Concen: 97.271 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD02

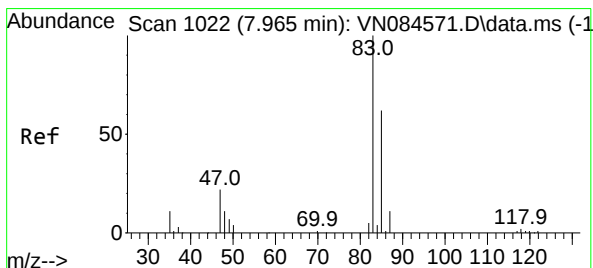
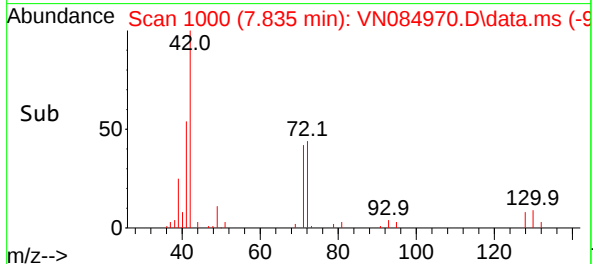
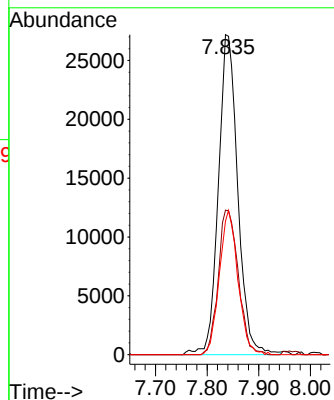
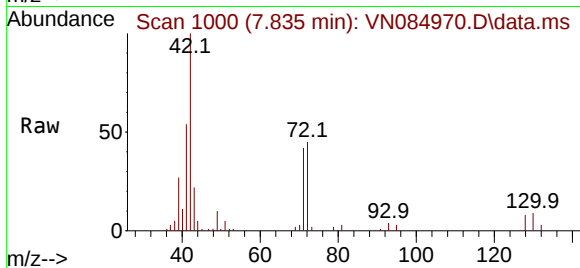
Tgt Ion: 42 Resp: 70861

Ion Ratio Lower Upper

42 100

72 46.7 34.6 51.8

71 43.2 32.2 48.4



#30

Chloroform

Concen: 17.265 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN084970.D

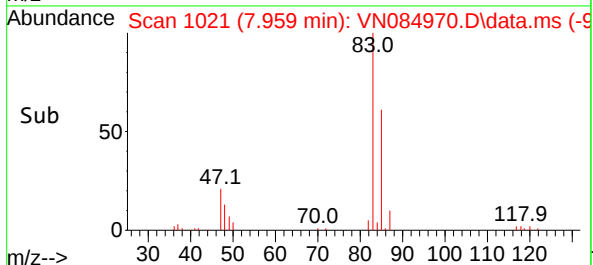
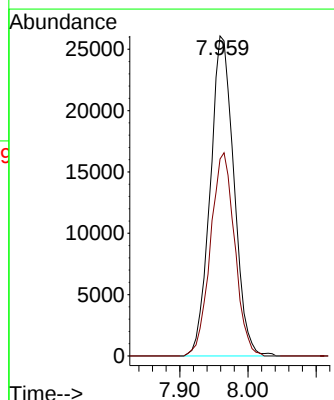
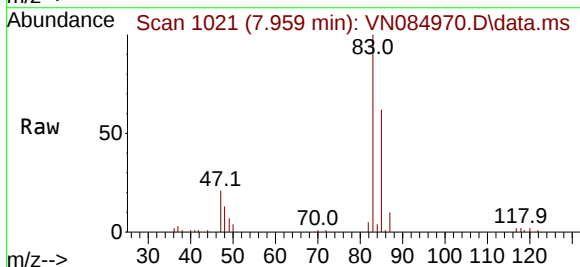
Acq: 20 Nov 2024 15:45

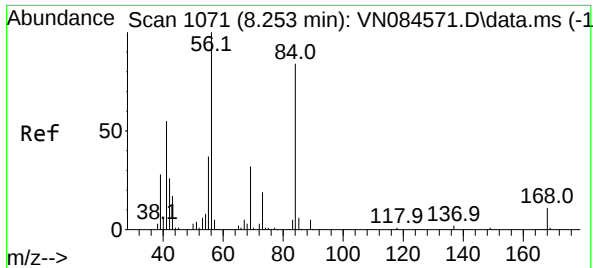
Tgt Ion: 83 Resp: 63092

Ion Ratio Lower Upper

83 100

85 61.5 51.0 76.4

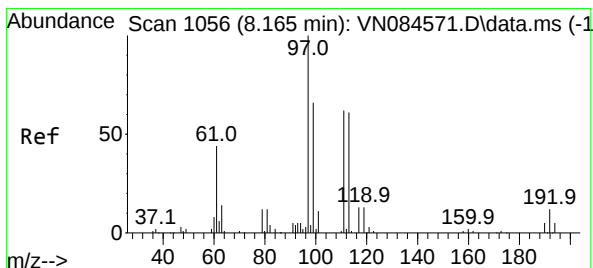
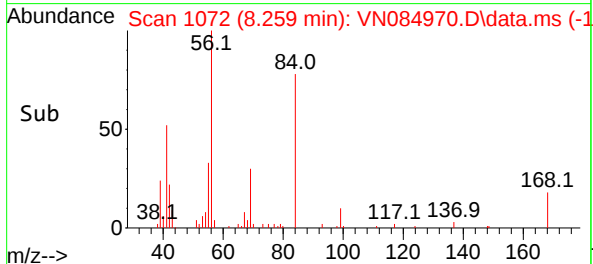
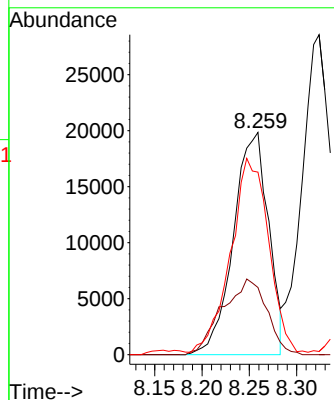
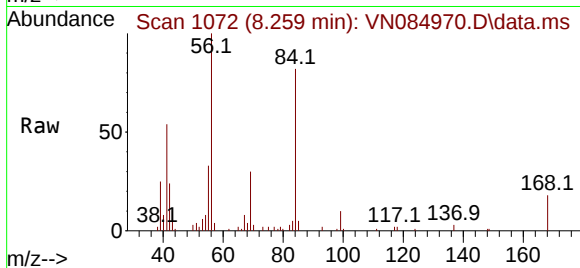




#31  
Cyclohexane  
Concen: 15.736 ug/l  
RT: 8.259 min Scan# 1071  
Delta R.T. 0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

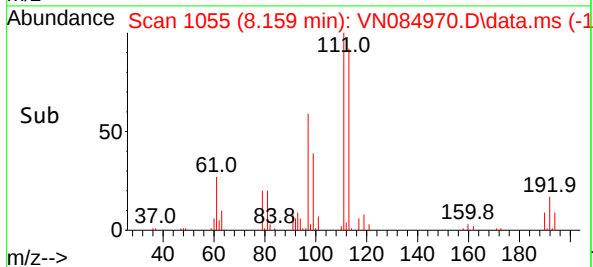
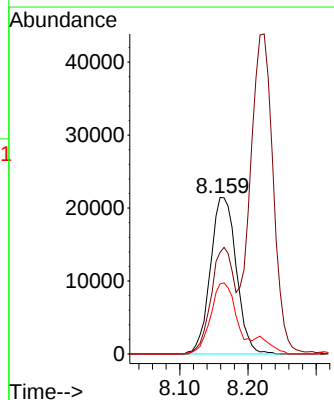
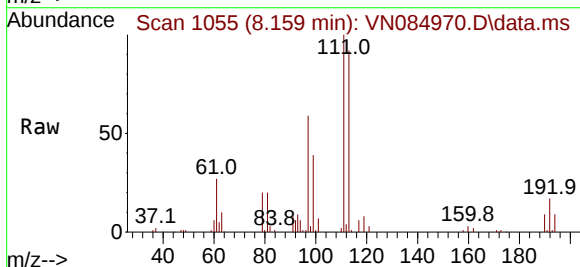
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

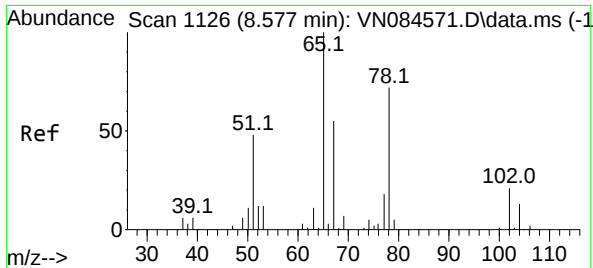
Tgt Ion: 56 Resp: 51134  
Ion Ratio Lower Upper  
56 100  
69 30.2 23.8 35.6  
84 80.4 68.8 103.2



#32  
1,1,1-Trichloroethane  
Concen: 17.026 ug/l  
RT: 8.159 min Scan# 1055  
Delta R.T. -0.012 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 97 Resp: 56629  
Ion Ratio Lower Upper  
97 100  
99 59.0 51.2 76.8  
61 45.7 37.5 56.3

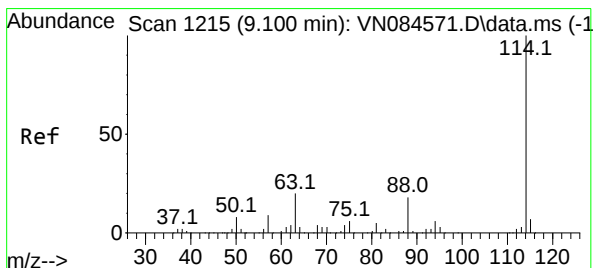
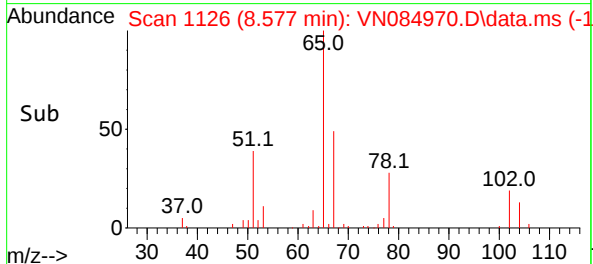
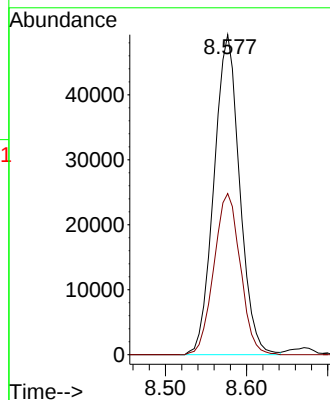
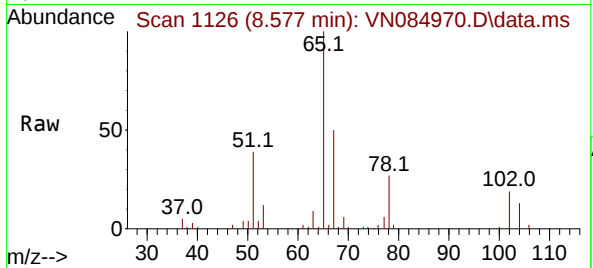




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.984 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. -0.000 min  
 Lab File: VN084970.D  
 Acq: 20 Nov 2024 15:45

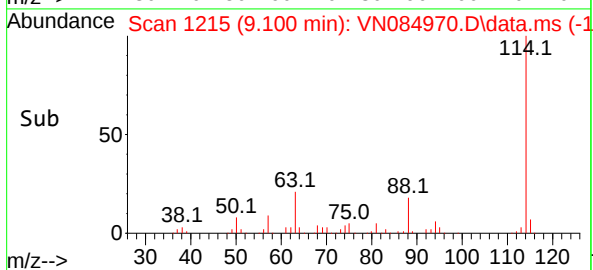
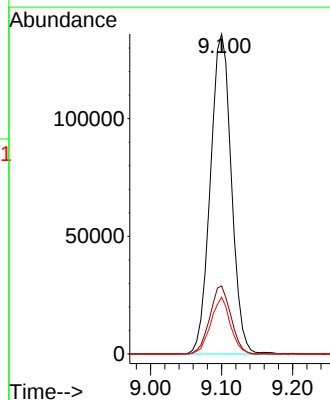
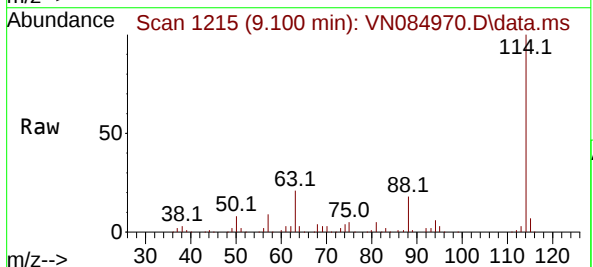
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBSD02

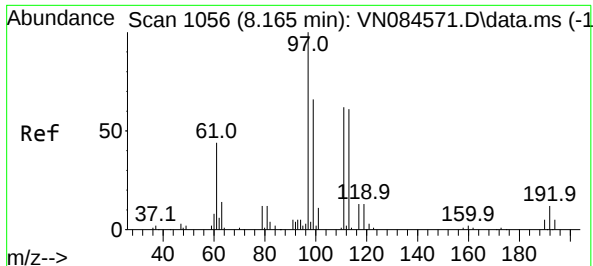
Tgt Ion: 65 Resp: 108233  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 102.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.000 min  
 Lab File: VN084970.D  
 Acq: 20 Nov 2024 15:45

Tgt Ion: 114 Resp: 278816  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 43.8  
 88 17.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 45.444 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD02

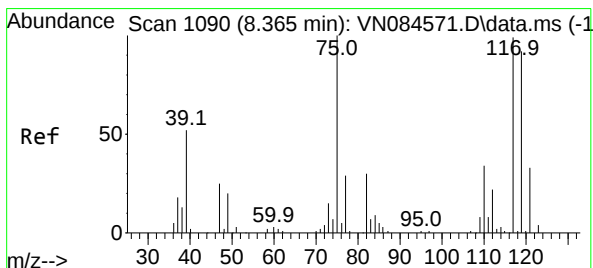
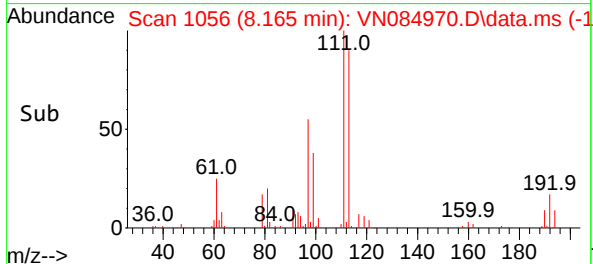
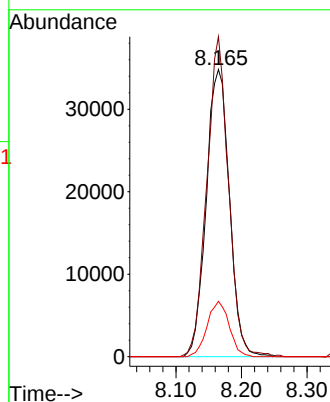
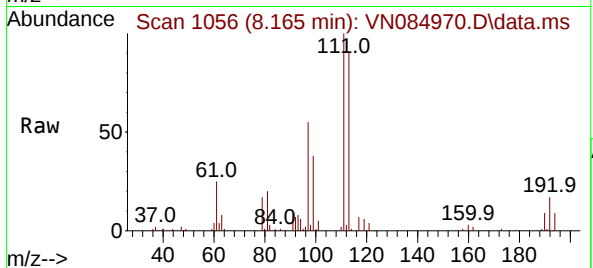
Tgt Ion:113 Resp: 85764

Ion Ratio Lower Upper

113 100

111 104.3 83.3 124.9

192 18.2 13.5 20.3



#36

1,1-Dichloropropene

Concen: 15.675 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

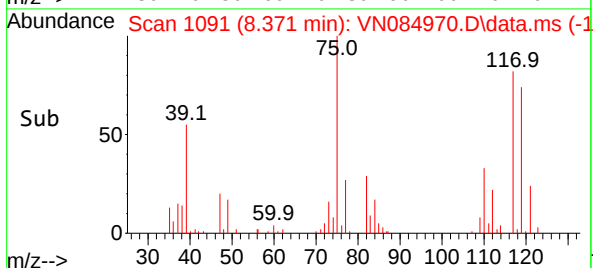
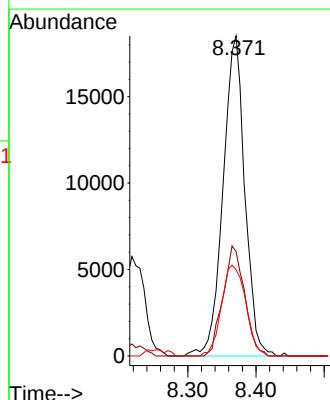
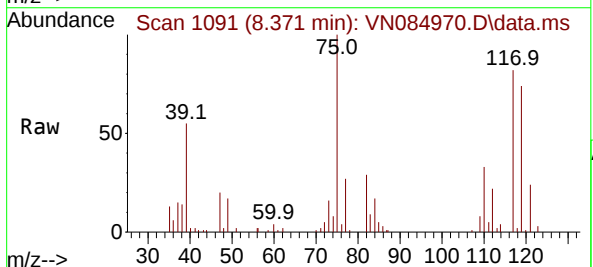
Tgt Ion: 75 Resp: 41027

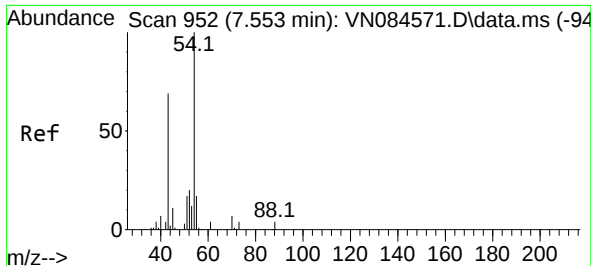
Ion Ratio Lower Upper

75 100

110 34.2 16.9 50.7

77 31.7 24.7 37.1

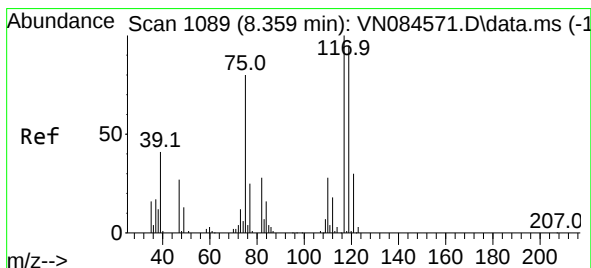
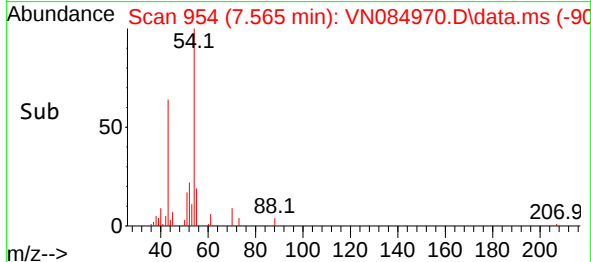
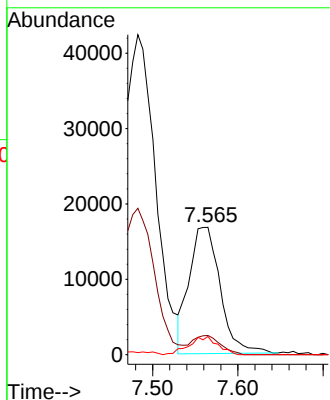
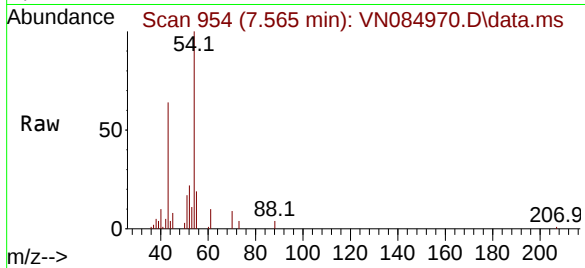




#37  
Ethyl Acetate  
Concen: 17.909 ug/l  
RT: 7.565 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

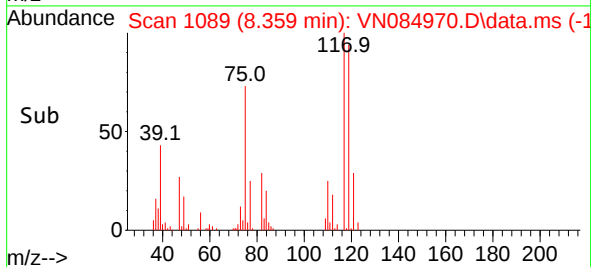
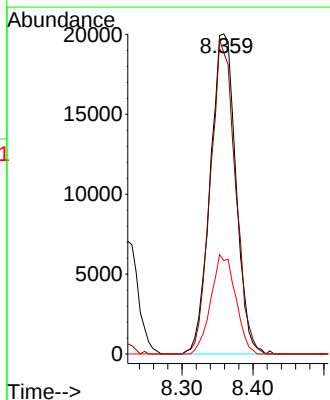
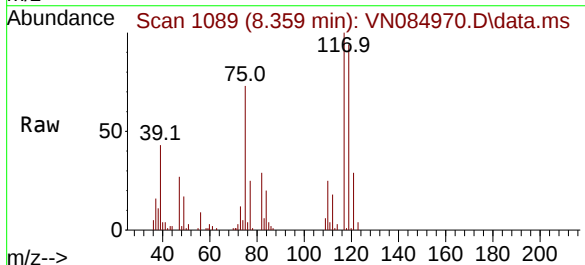
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

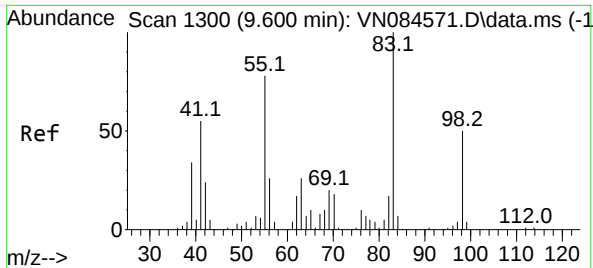
Tgt Ion: 43 Resp: 42529  
Ion Ratio Lower Upper  
43 100  
61 14.0 10.7 16.1  
70 13.0 8.8 13.2



#38  
Carbon Tetrachloride  
Concen: 17.100 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 117 Resp: 50027  
Ion Ratio Lower Upper  
117 100  
119 94.2 78.7 118.1  
121 29.2 24.4 36.6

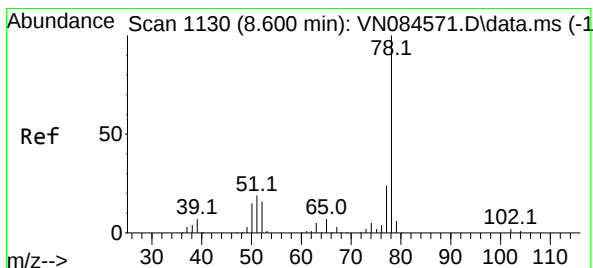
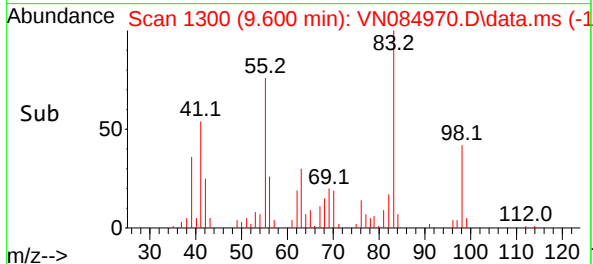
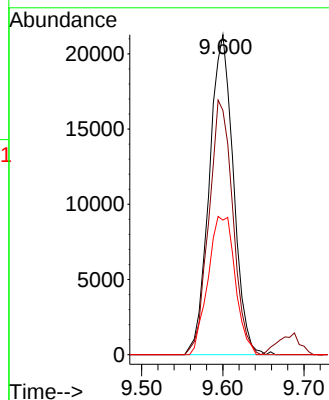
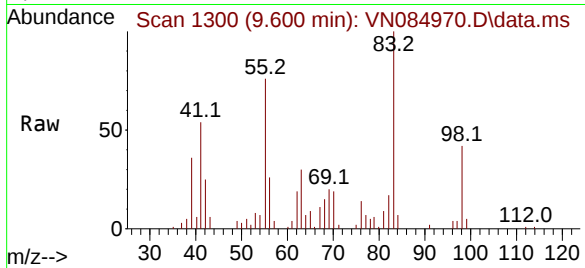




#39  
Methylcyclohexane  
Concen: 16.489 ug/l  
RT: 9.600 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

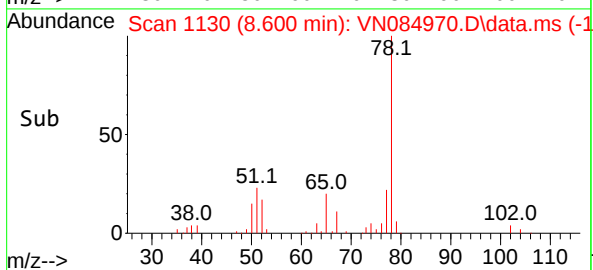
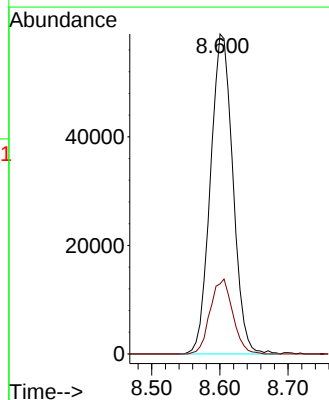
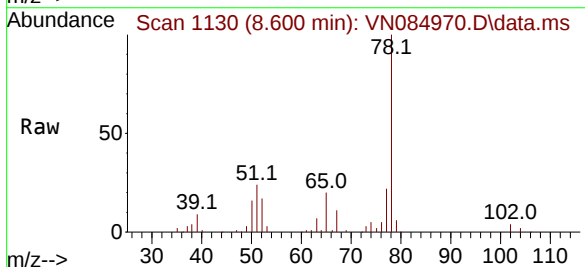
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

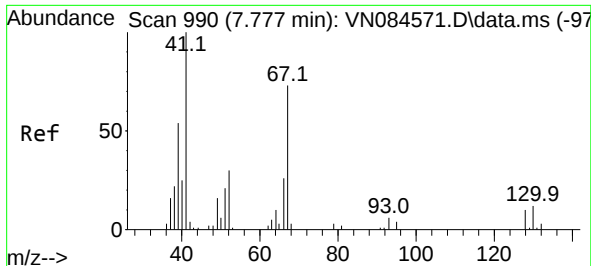
Tgt Ion: 83 Resp: 43906  
Ion Ratio Lower Upper  
83 100  
55 76.3 62.8 94.2  
98 42.0 38.8 58.2



#40  
Benzene  
Concen: 16.067 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. -0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 78 Resp: 135050  
Ion Ratio Lower Upper  
78 100  
77 21.9 19.1 28.7

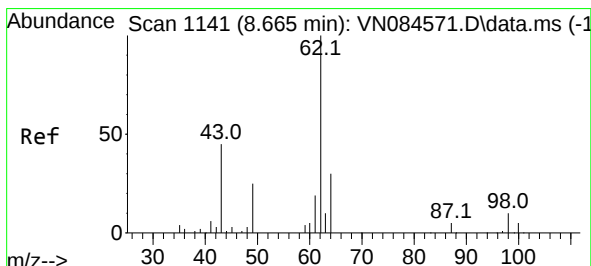
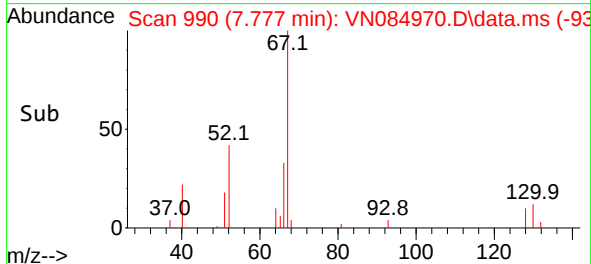
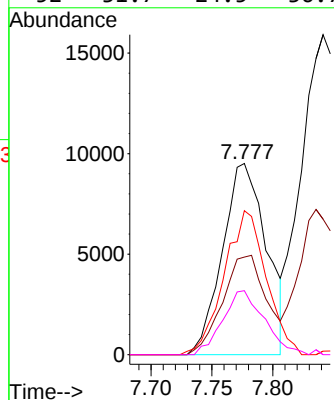
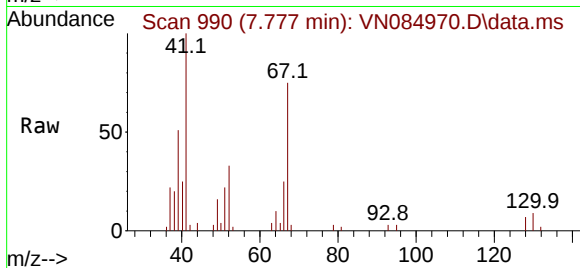




#41  
Methacrylonitrile  
Concen: 18.704 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

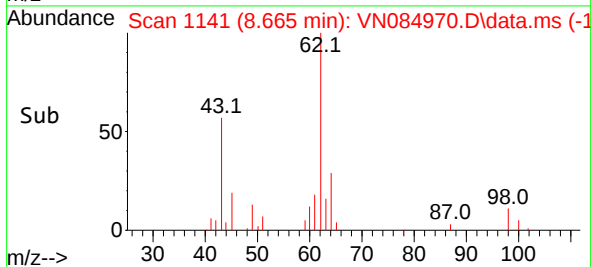
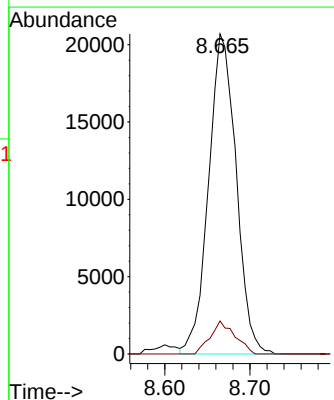
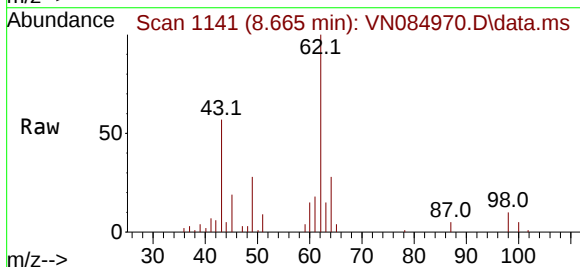
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

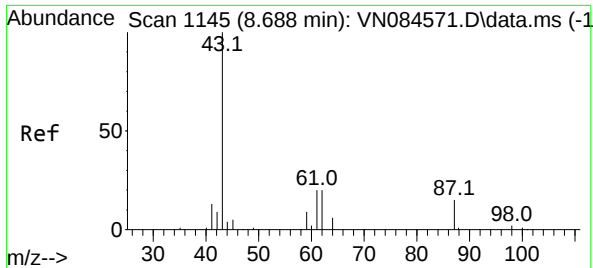
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 23886 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.7  | 43.3  | 64.9  |
| 67       | 72.2  | 56.1  | 84.1  |
| 52       | 31.7  | 24.5  | 36.7  |



#42  
1,2-Dichloroethane  
Concen: 17.069 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 46467 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.2   | 0.0   | 18.2  |

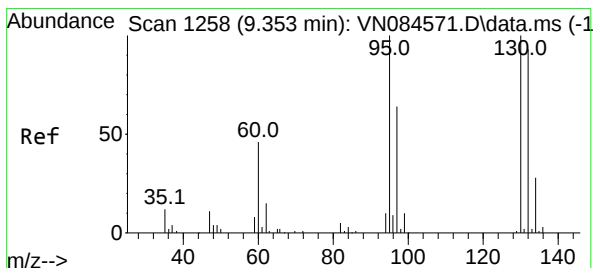
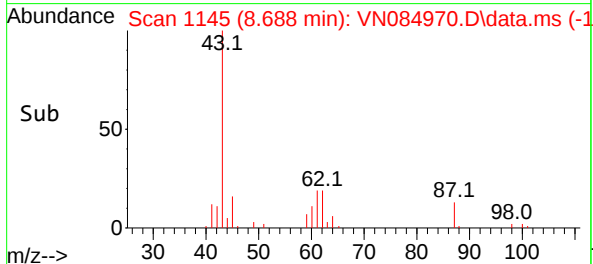
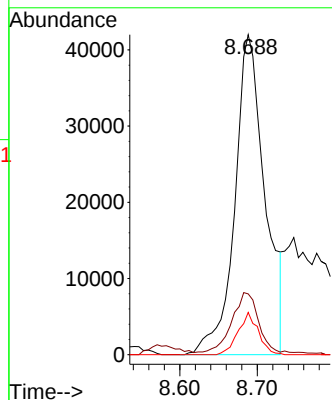
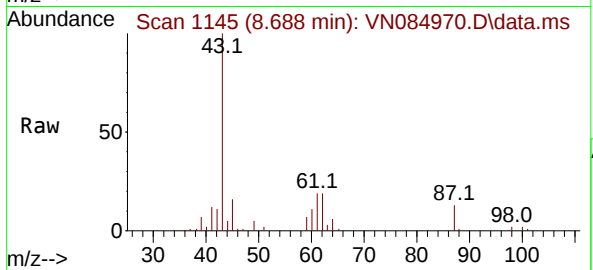




#43  
Isopropyl Acetate  
Concen: 25.438 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

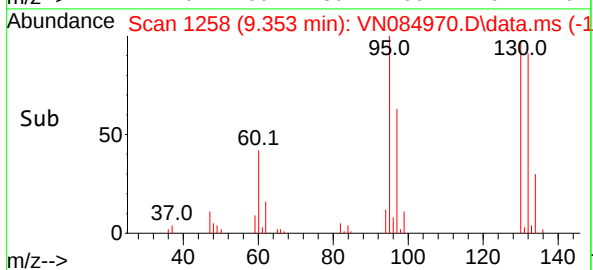
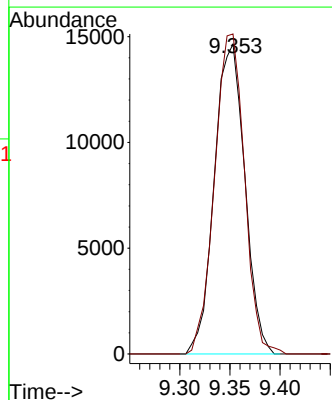
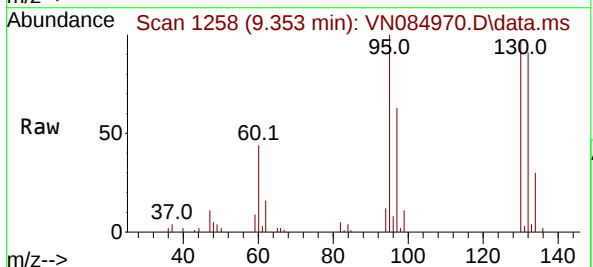
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

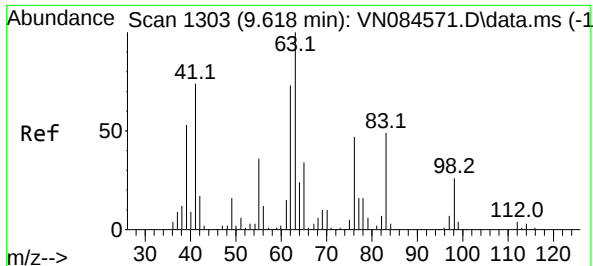
Tgt Ion: 43 Resp: 113682  
Ion Ratio Lower Upper  
43 100  
61 18.5 20.4 30.6#  
87 8.9 10.3 15.5#



#44  
Trichloroethene  
Concen: 15.997 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion:130 Resp: 31011  
Ion Ratio Lower Upper  
130 100  
95 103.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 16.964 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

Instrument :

MSVOA\_N

ClientSampleId :

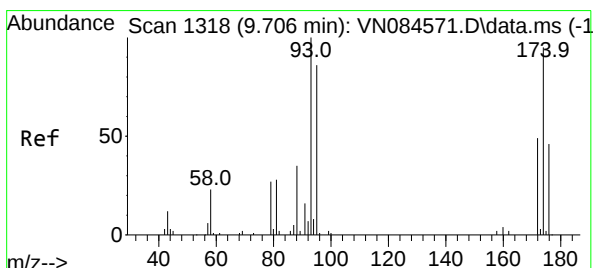
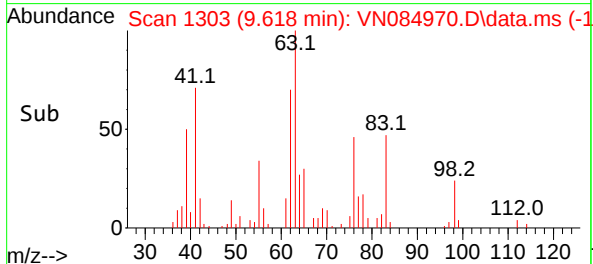
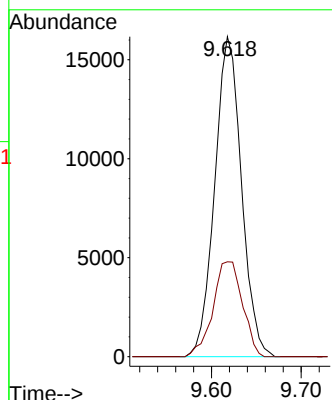
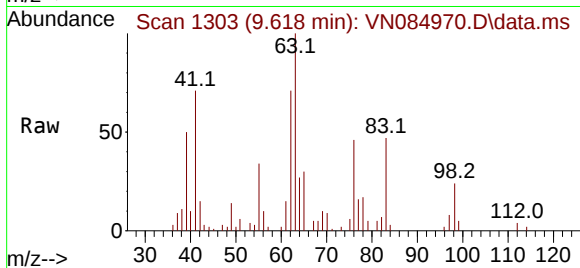
VN1120WBSD02

Tgt Ion: 63 Resp: 33450

Ion Ratio Lower Upper

63 100

65 29.6 24.6 37.0



#46

Dibromomethane

Concen: 16.983 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

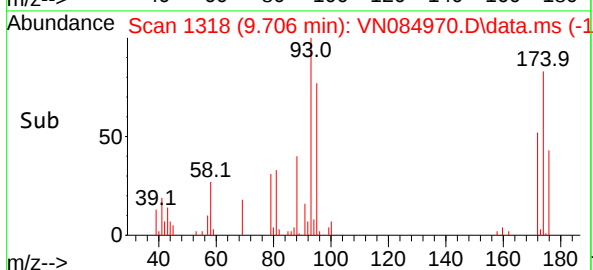
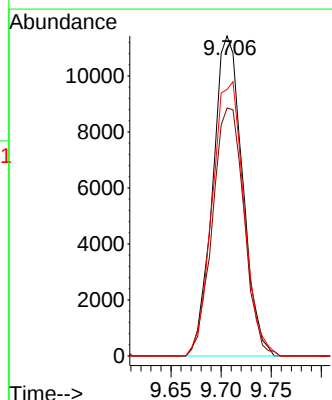
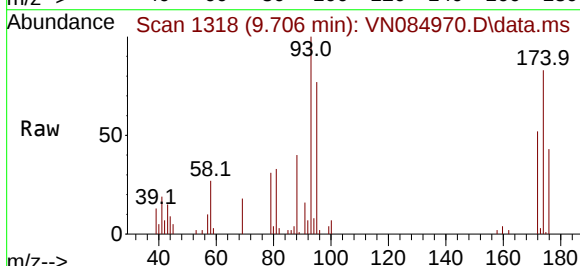
Tgt Ion: 93 Resp: 23629

Ion Ratio Lower Upper

93 100

95 82.2 65.0 97.4

174 91.0 71.8 107.8

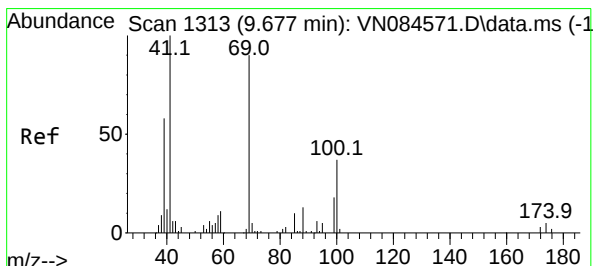
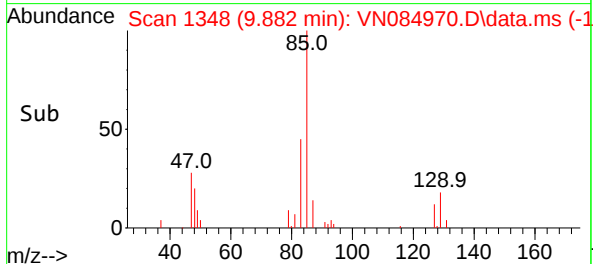
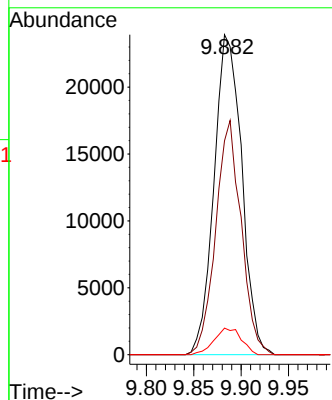
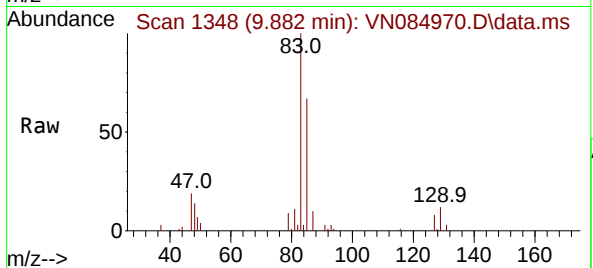




#47  
Bromodichloromethane  
Concen: 16.573 ug/l  
RT: 9.882 min Scan# 1349  
Delta R.T. -0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

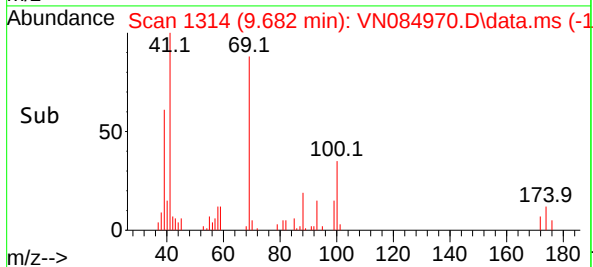
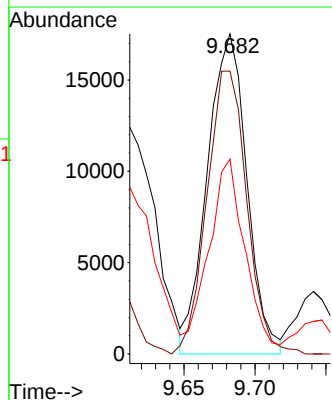
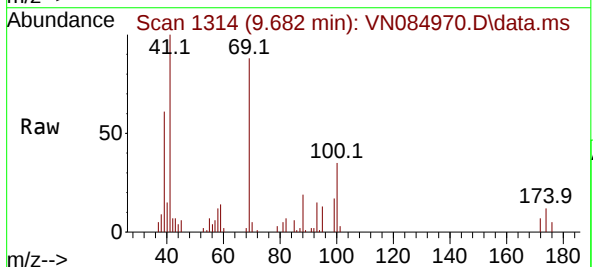
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MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

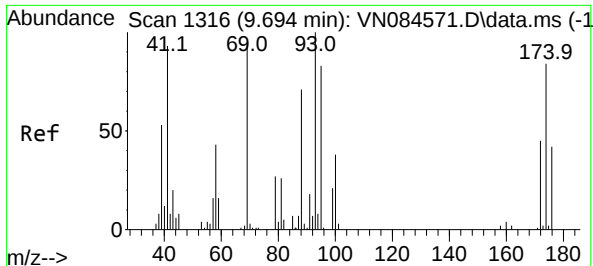
Tgt Ion: 83 Resp: 48606  
Ion Ratio Lower Upper  
83 100  
85 66.8 51.5 77.3  
127 8.3 5.7 8.5



#48  
Methyl methacrylate  
Concen: 18.355 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 41 Resp: 33924  
Ion Ratio Lower Upper  
41 100  
69 89.1 67.1 100.7  
39 56.6 45.8 68.6





#49

1,4-Dioxane

Concen: 393.392 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD02

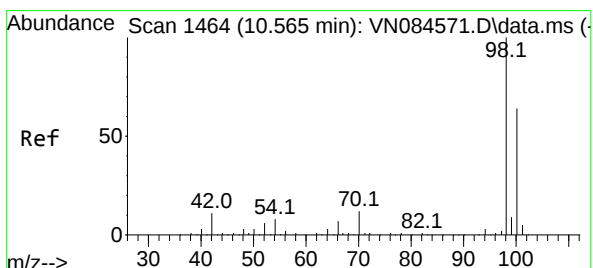
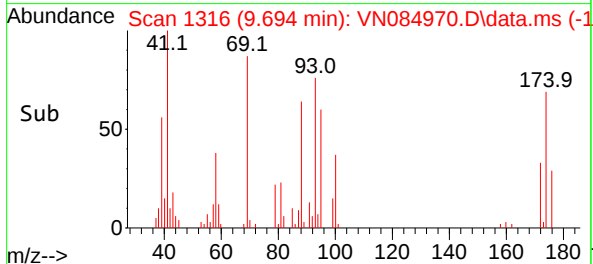
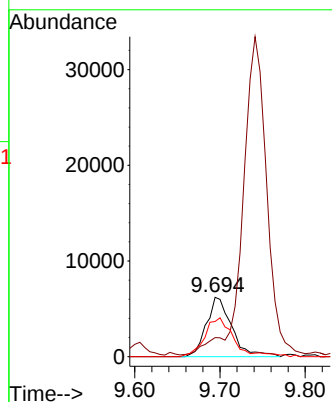
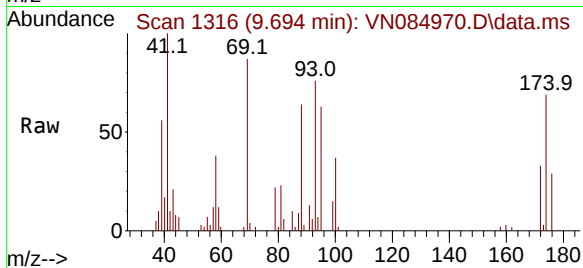
Tgt Ion: 88 Resp: 12884

Ion Ratio Lower Upper

88 100

43 0.0 25.3 37.9#

58 75.1 56.4 84.6



#50

Toluene-d8

Concen: 43.749 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084970.D

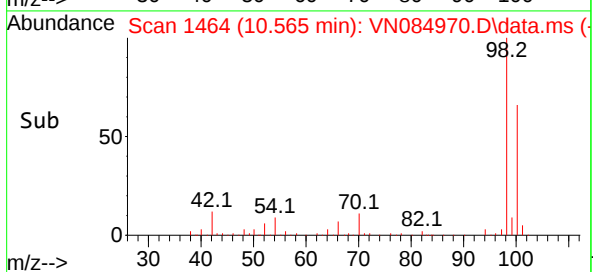
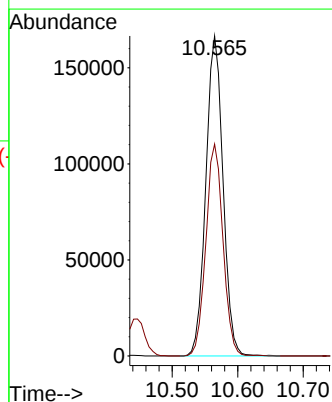
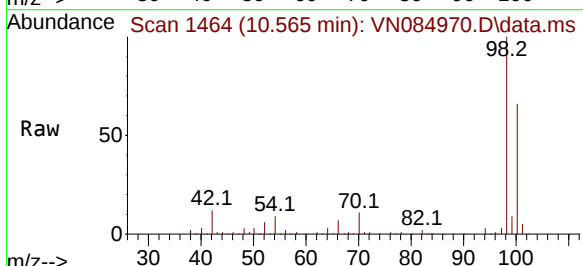
Acq: 20 Nov 2024 15:45

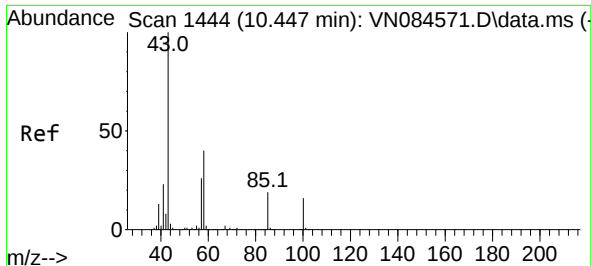
Tgt Ion: 98 Resp: 304145

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1

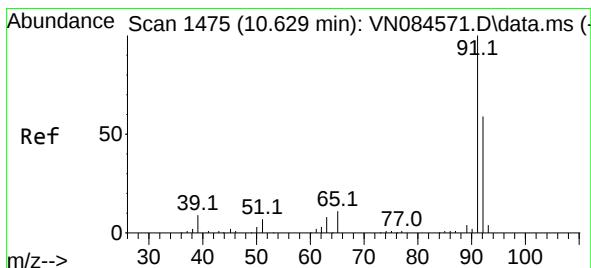
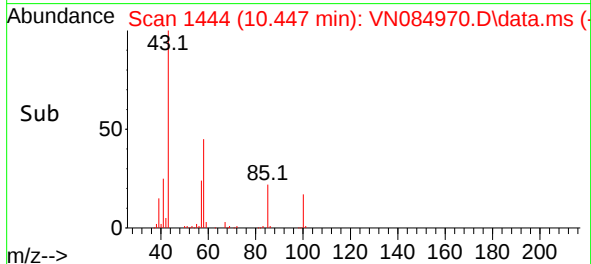
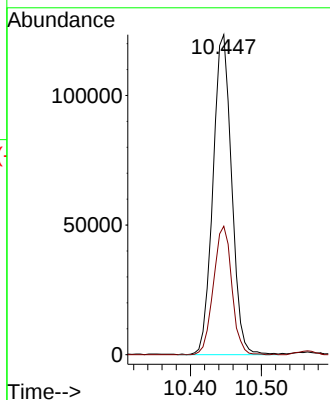
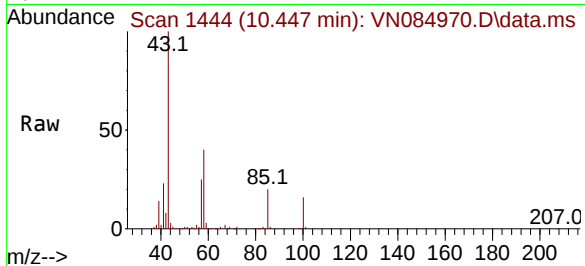




#51  
4-Methyl-2-Pentanone  
Concen: 99.280 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

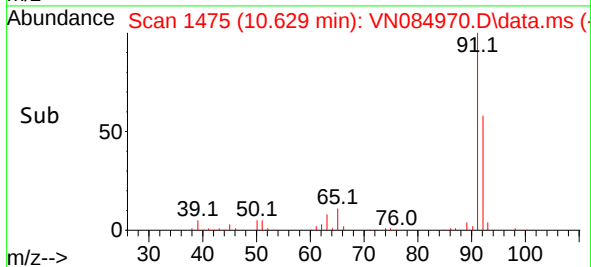
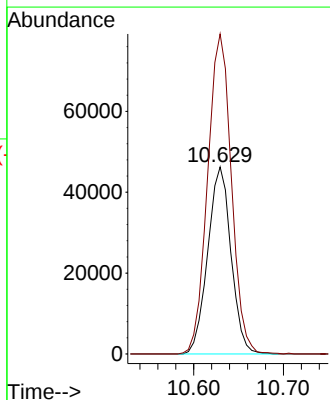
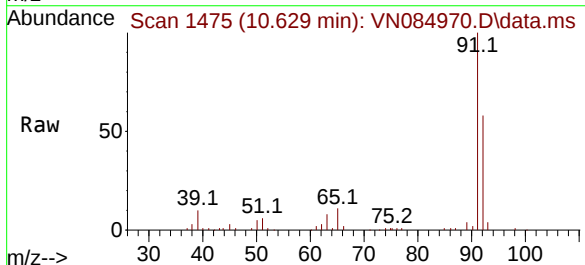
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

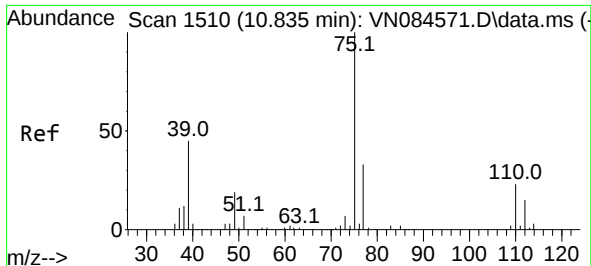
Tgt Ion: 43 Resp: 224753  
Ion Ratio Lower Upper  
43 100  
58 39.4 31.6 47.4



#52  
Toluene  
Concen: 16.940 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 92 Resp: 83276  
Ion Ratio Lower Upper  
92 100  
91 174.9 137.3 205.9

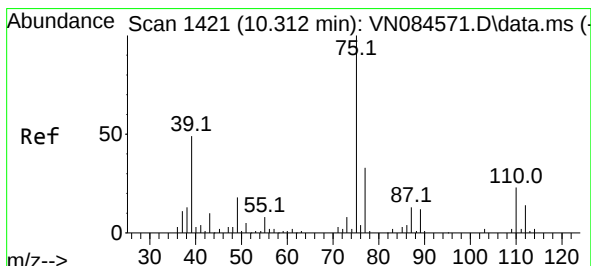
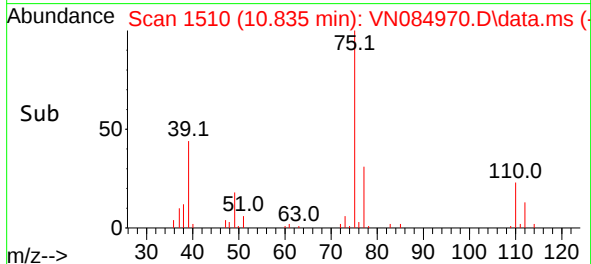
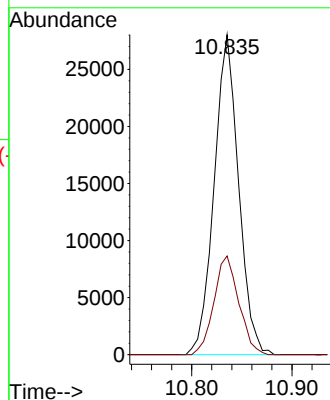
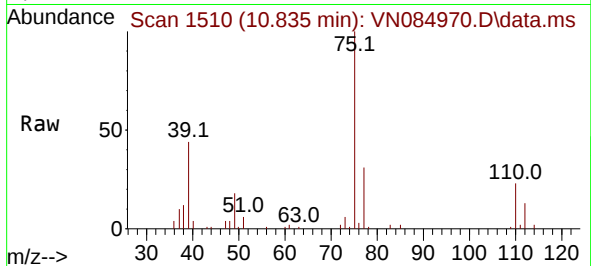




#53  
t-1,3-Dichloropropene  
Concen: 15.598 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

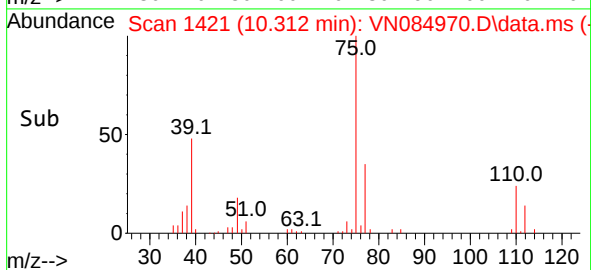
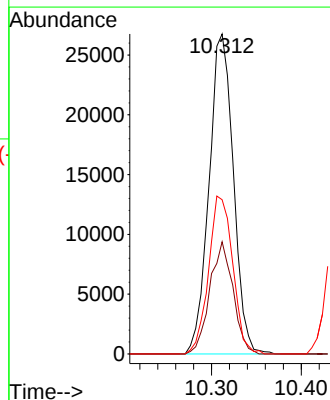
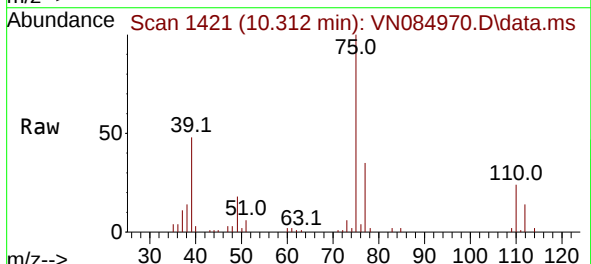
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

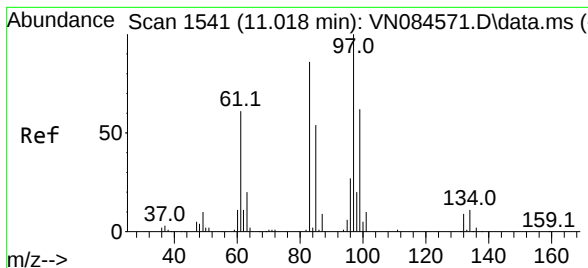
Tgt Ion: 75 Resp: 47355  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 15.677 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 75 Resp: 50371  
Ion Ratio Lower Upper  
75 100  
77 35.0 24.2 36.2  
39 48.2 38.7 58.1

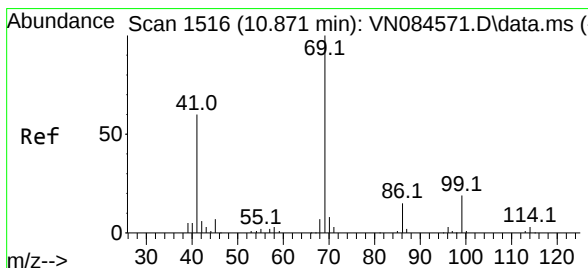
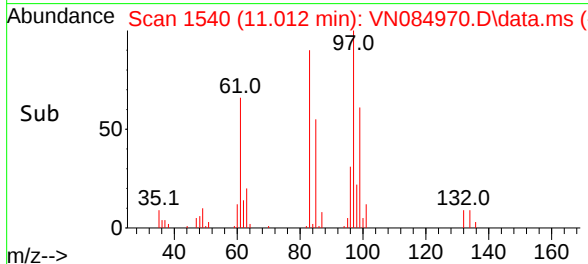
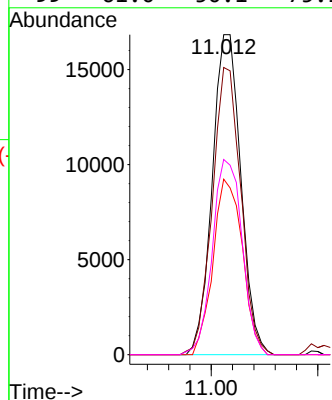
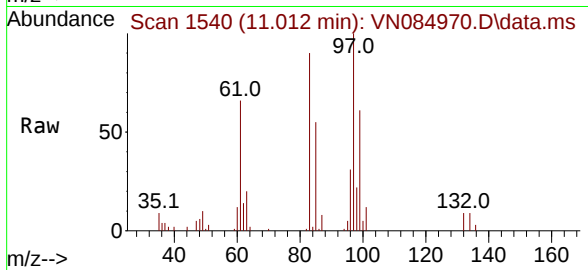




#55  
1,1,2-Trichloroethane  
Concen: 16.962 ug/l  
RT: 11.012 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

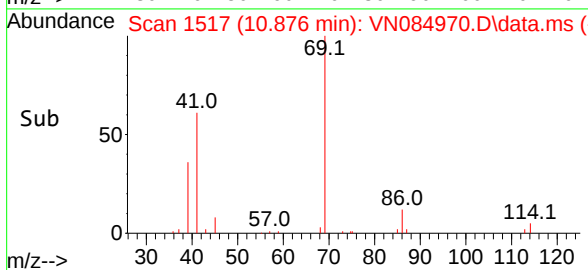
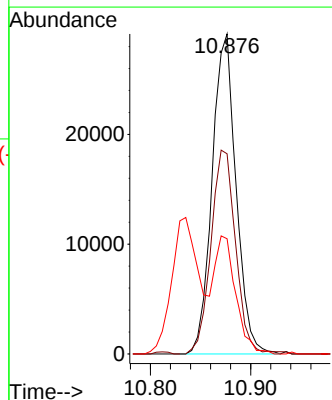
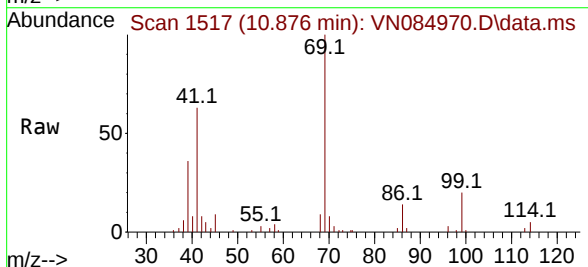
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

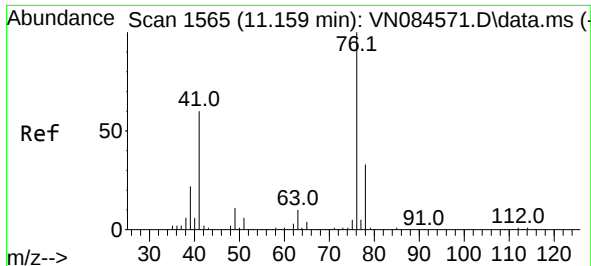
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 31410 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 89.8     | 71.0 106.4  |
| 85 54.8     | 41.7 62.5   |
| 99 61.0     | 50.1 75.1   |



#56  
Ethyl methacrylate  
Concen: 18.046 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 48338 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 65.9     | 53.3 79.9   |
| 39 32.1     | 28.8 43.2   |





#57

1,3-Dichloropropane

Concen: 17.292 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

Instrument :

MSVOA\_N

ClientSampleId :

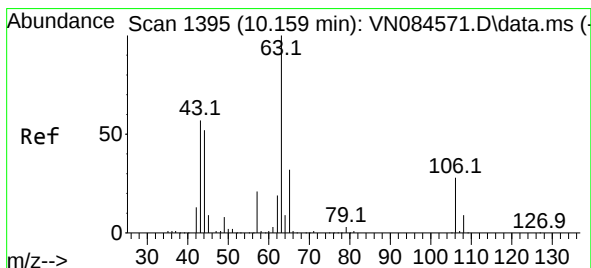
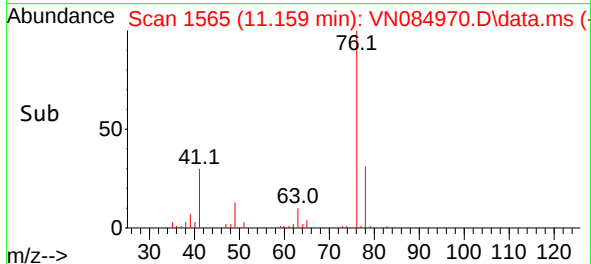
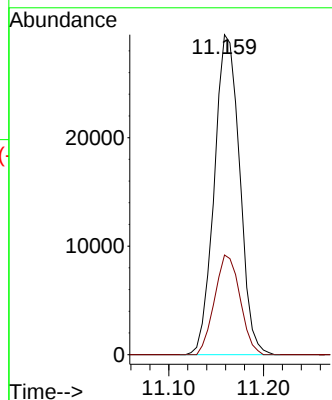
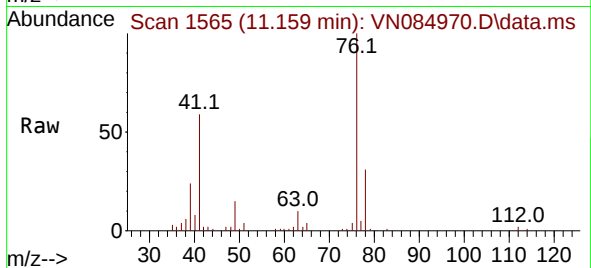
VN1120WBSD02

Tgt Ion: 76 Resp: 54957

Ion Ratio Lower Upper

76 100

78 31.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 91.174 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084970.D

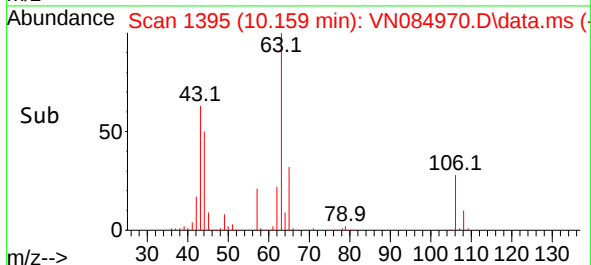
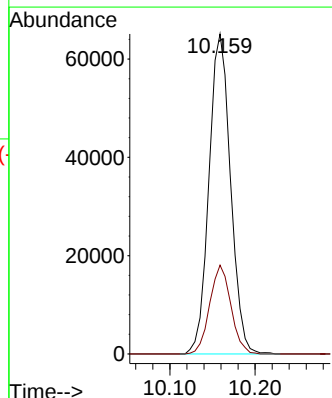
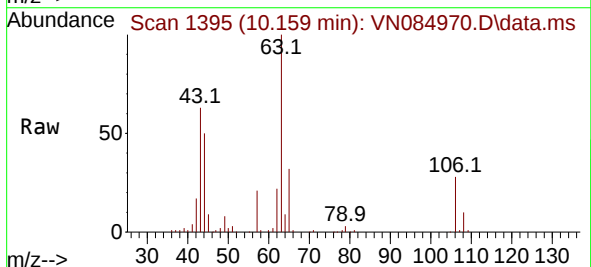
Acq: 20 Nov 2024 15:45

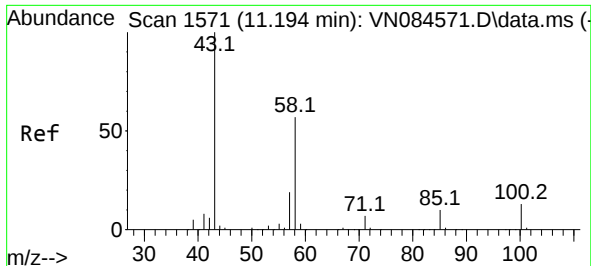
Tgt Ion: 63 Resp: 114277

Ion Ratio Lower Upper

63 100

106 27.2 21.8 32.6

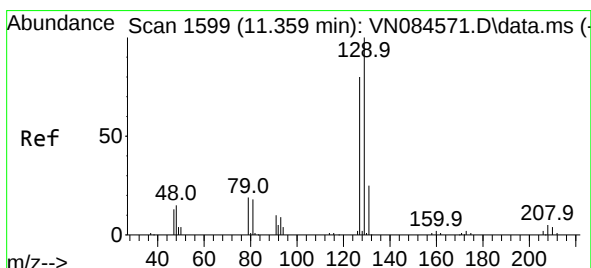
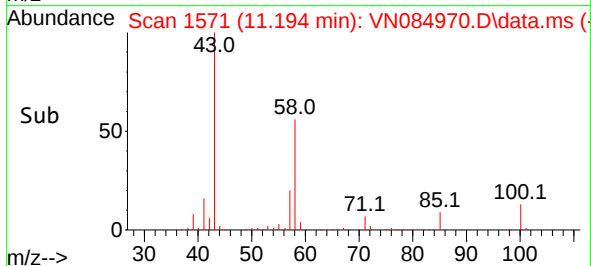
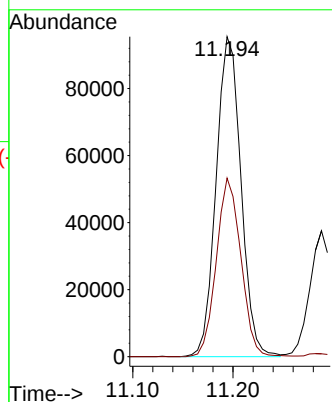
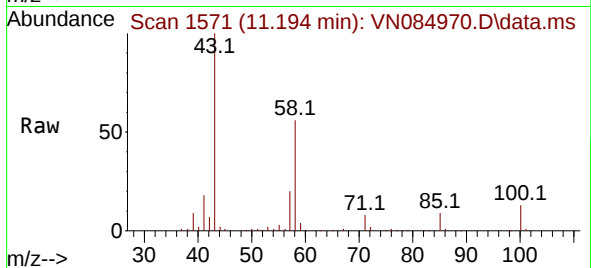




#59  
2-Hexanone  
Concen: 99.559 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

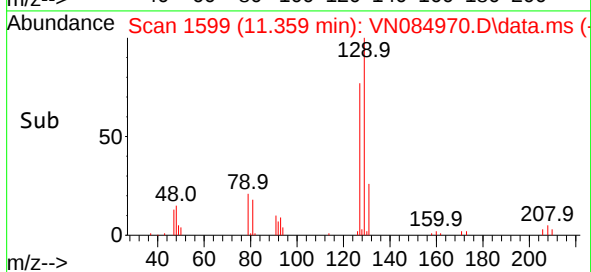
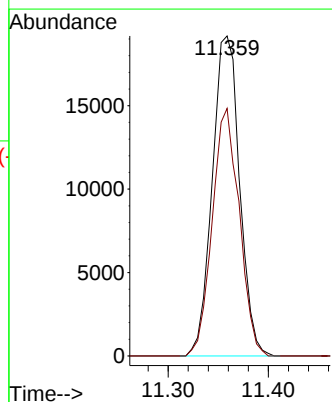
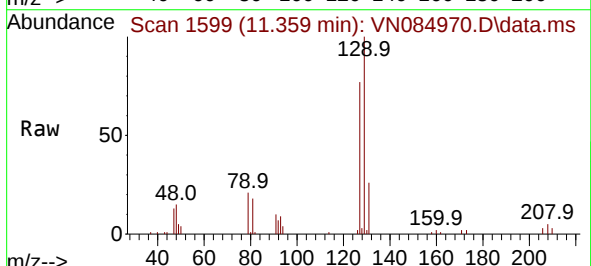
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

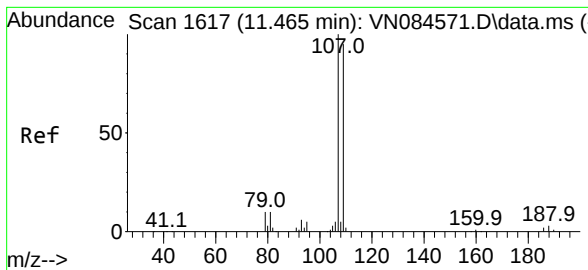
Tgt Ion: 43 Resp: 164054  
Ion Ratio Lower Upper  
43 100  
58 55.1 27.3 81.8



#60  
Dibromochloromethane  
Concen: 17.224 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 129 Resp: 36351  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.3 114.9

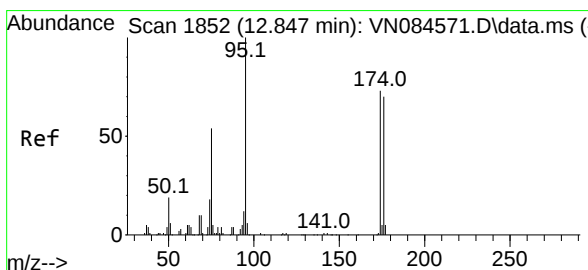
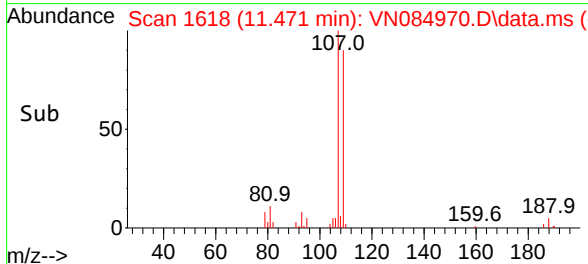
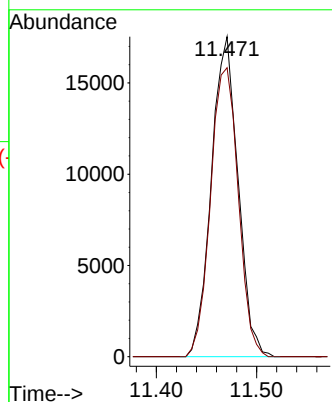
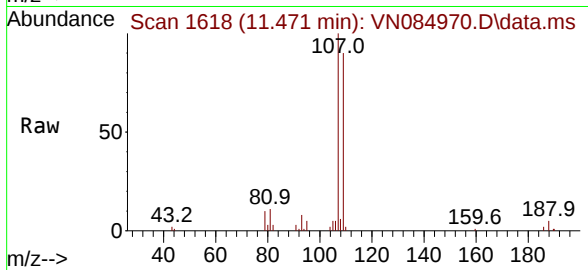




#61  
1,2-Dibromoethane  
Concen: 17.112 ug/l  
RT: 11.471 min Scan# 1617  
Delta R.T. 0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

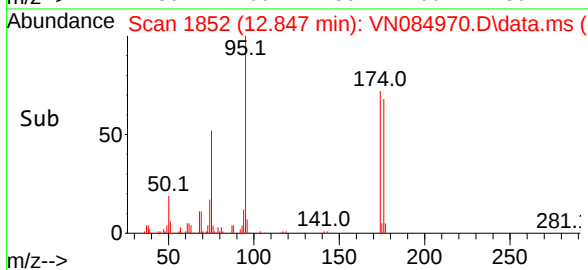
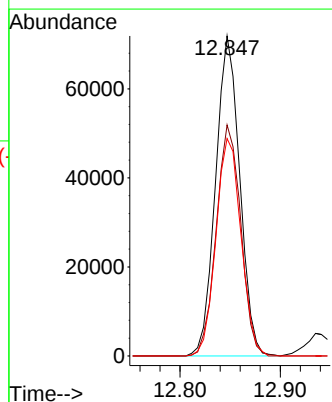
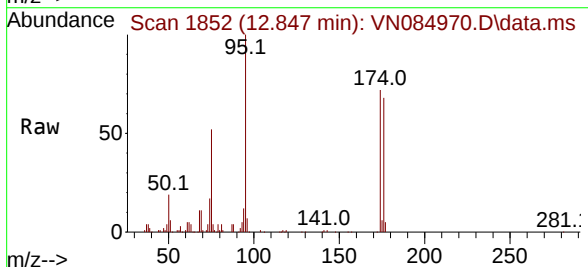
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

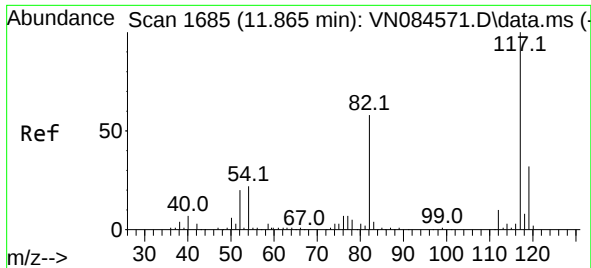
Tgt Ion:107 Resp: 32450  
Ion Ratio Lower Upper  
107 100  
109 93.6 75.4 113.0



#62  
4-Bromofluorobenzene  
Concen: 46.198 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 95 Resp: 120032  
Ion Ratio Lower Upper  
95 100  
174 73.3 0.0 145.2  
176 70.4 0.0 140.0

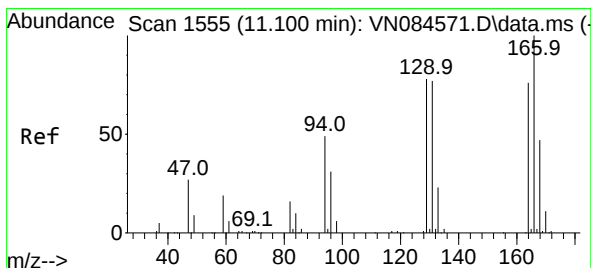
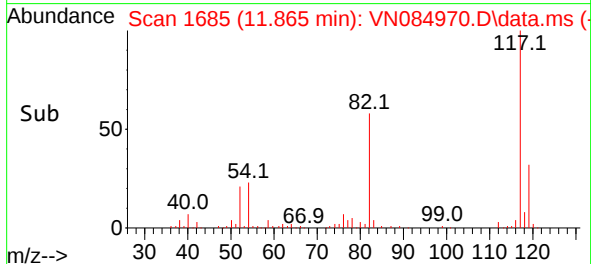
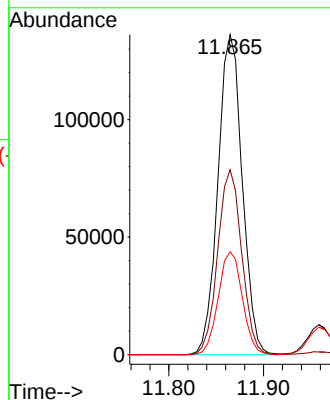
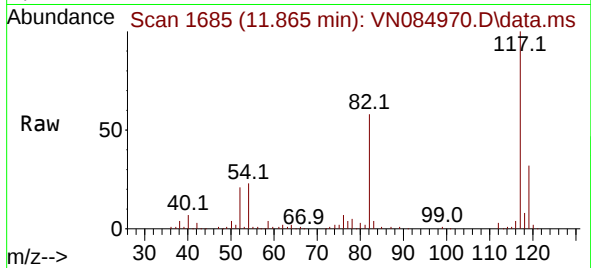




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

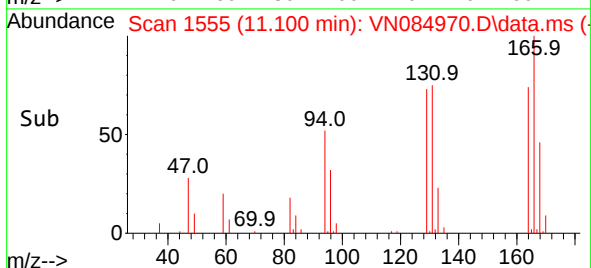
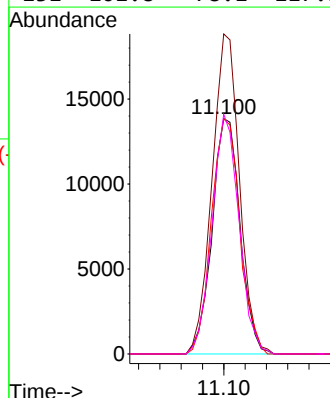
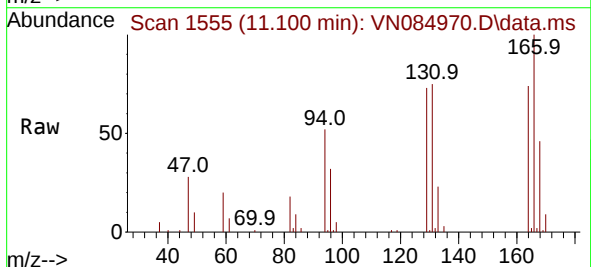
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

Tgt Ion:117 Resp: 243174  
Ion Ratio Lower Upper  
117 100  
82 57.8 47.2 70.8  
119 32.1 25.4 38.0



#64  
Tetrachloroethene  
Concen: 15.587 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion:164 Resp: 25212  
Ion Ratio Lower Upper  
164 100  
166 136.0 101.0 151.4  
129 99.9 80.8 121.2  
131 101.8 78.1 117.1

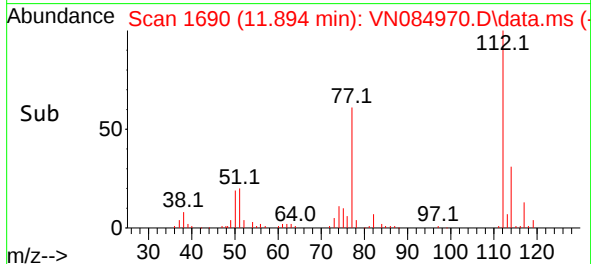
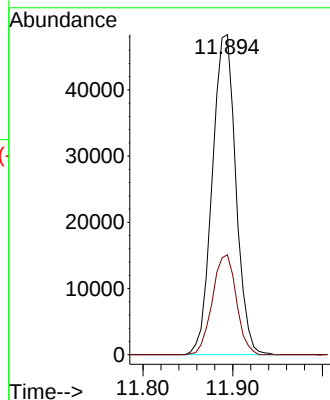
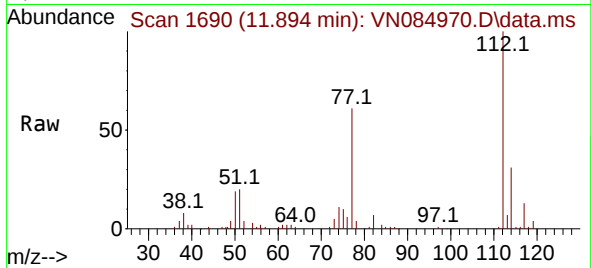




#65  
Chlorobenzene  
Concen: 16.199 ug/l  
RT: 11.894 min Scan# 1112  
Delta R.T. 0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

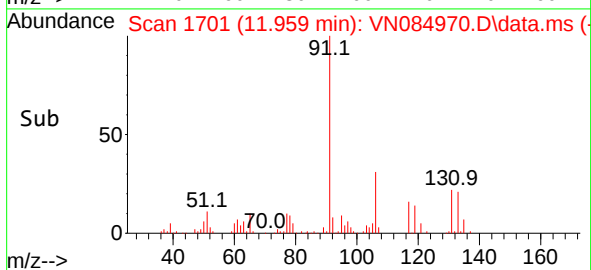
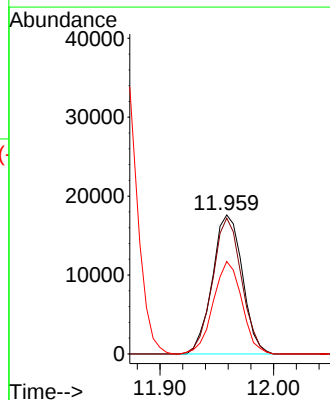
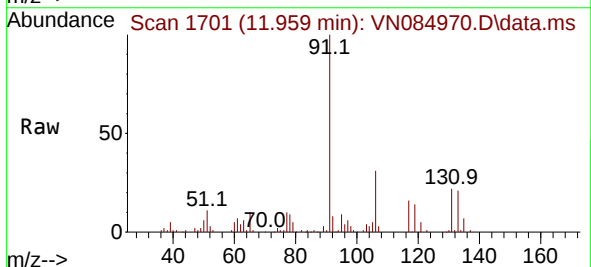
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

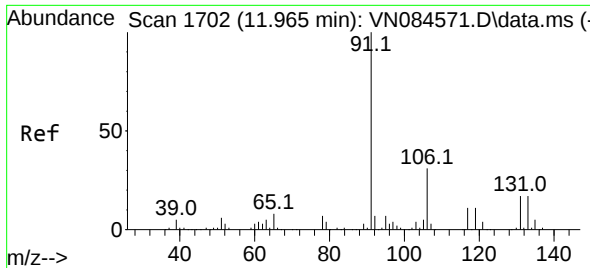
Tgt Ion:112 Resp: 88125  
Ion Ratio Lower Upper  
112 100  
114 31.2 27.0 40.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.112 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion:131 Resp: 32381  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.9 143.7  
119 63.4 32.8 98.3

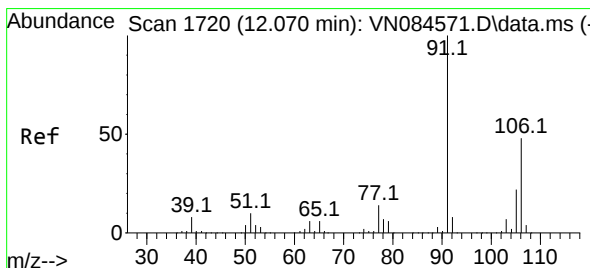
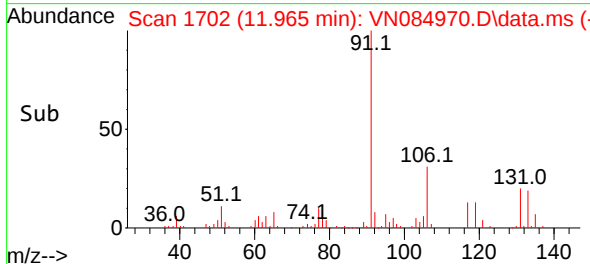
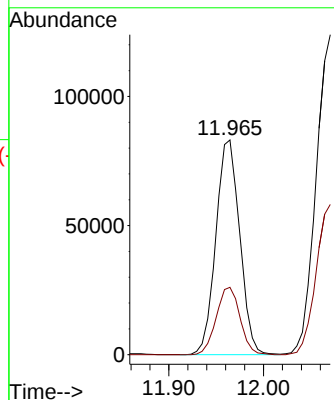
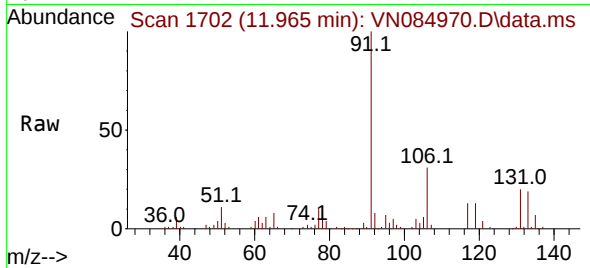




#67  
Ethyl Benzene  
Concen: 16.050 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

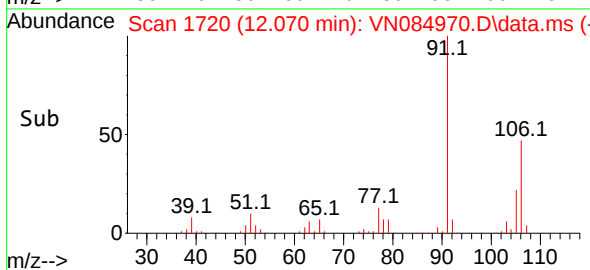
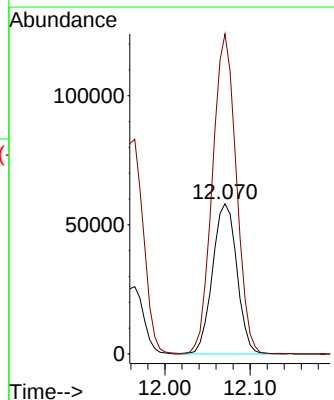
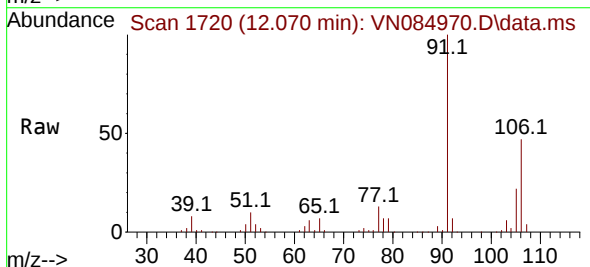
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

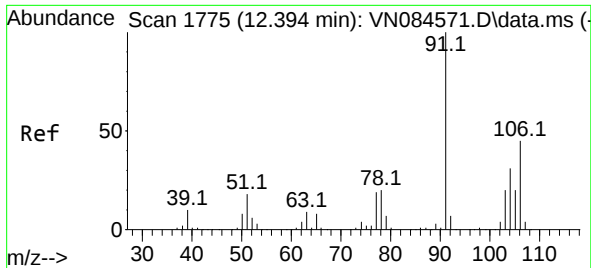
Tgt Ion: 91 Resp: 145750  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.5 36.7



#68  
m/p-Xylenes  
Concen: 33.528 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion:106 Resp: 115267  
Ion Ratio Lower Upper  
106 100  
91 209.2 167.1 250.7

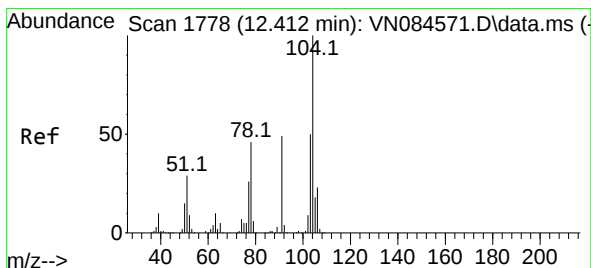
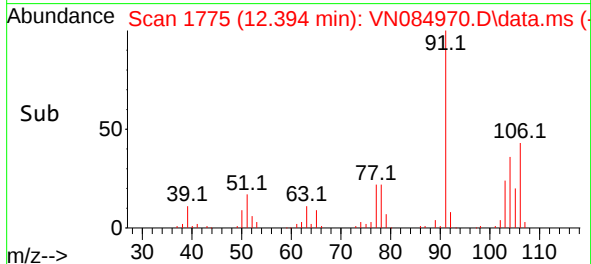
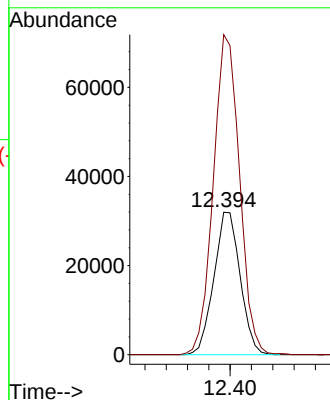
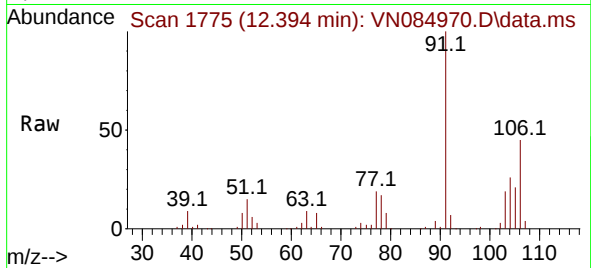




#69  
o-Xylene  
Concen: 17.001 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

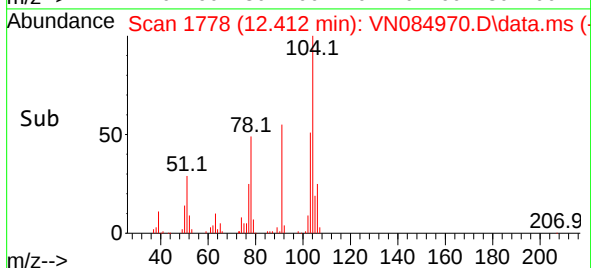
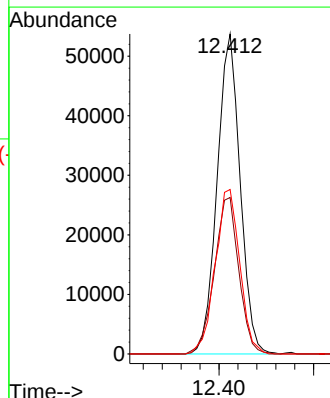
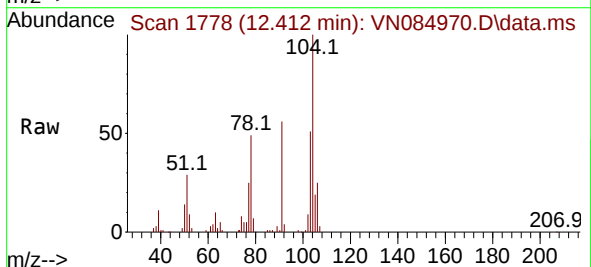
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

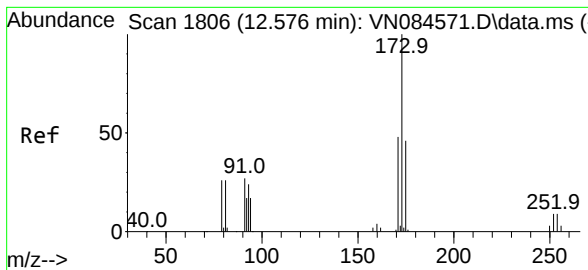
Tgt Ion:106 Resp: 54676  
Ion Ratio Lower Upper  
106 100  
91 224.8 110.2 330.6



#70  
Styrene  
Concen: 16.163 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion:104 Resp: 90680  
Ion Ratio Lower Upper  
104 100  
78 52.1 42.7 64.1  
103 54.7 43.6 65.4

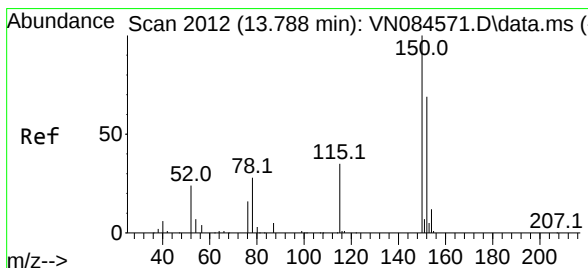
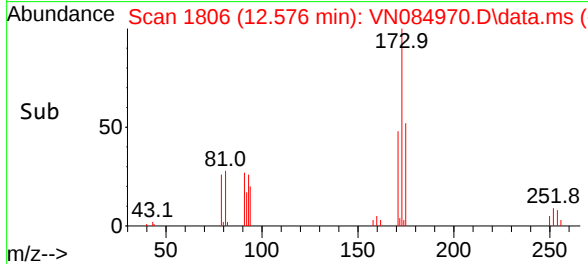
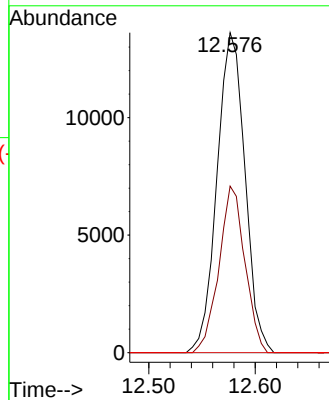
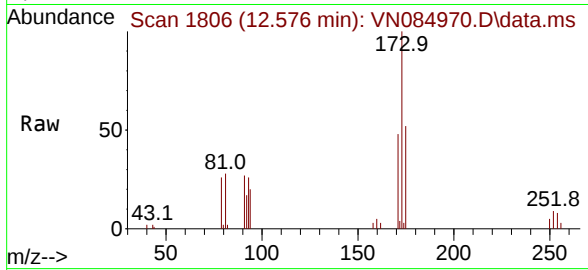




#71  
Bromoform  
Concen: 17.395 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

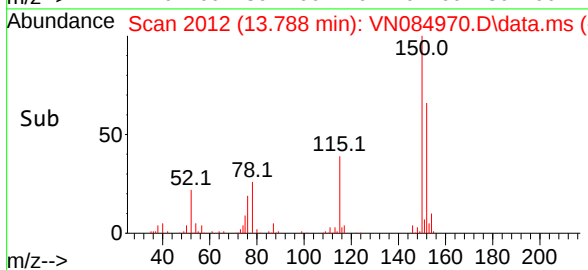
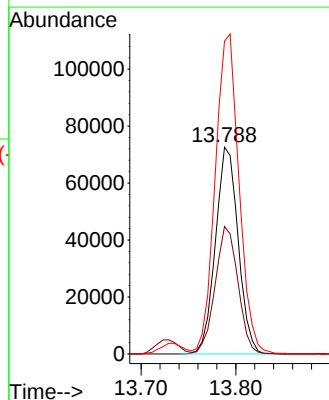
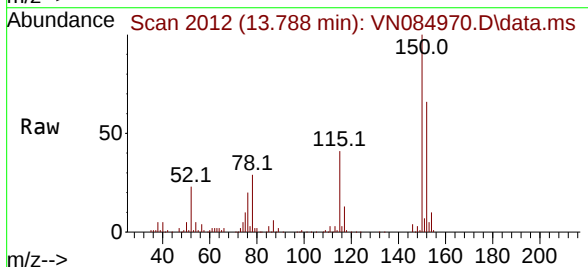
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

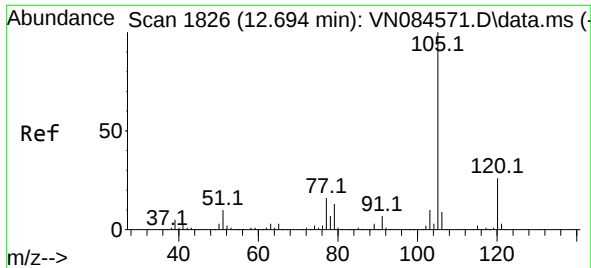
Tgt Ion:173 Resp: 24769  
Ion Ratio Lower Upper  
173 100  
175 48.4 23.5 70.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion:152 Resp: 121047  
Ion Ratio Lower Upper  
152 100  
115 62.0 31.3 93.9  
150 162.2 0.0 349.8

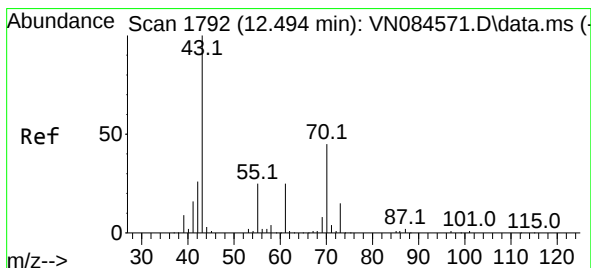
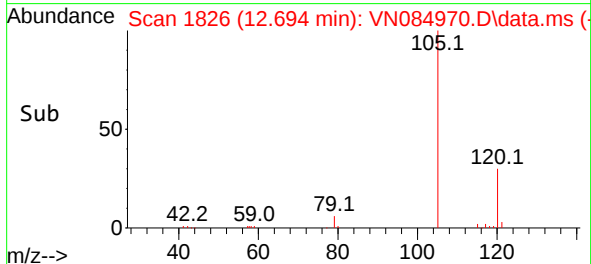
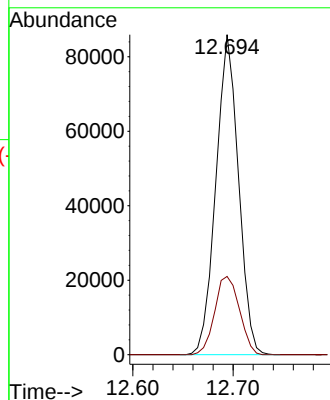
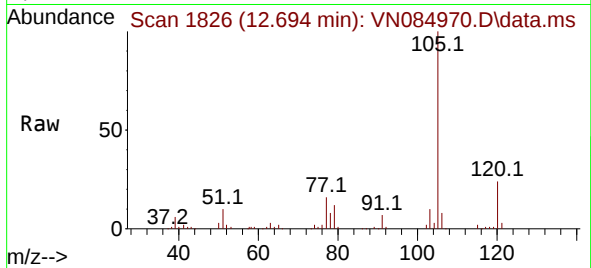




#73  
Isopropylbenzene  
Concen: 15.805 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

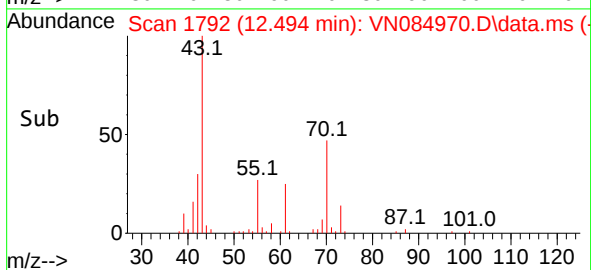
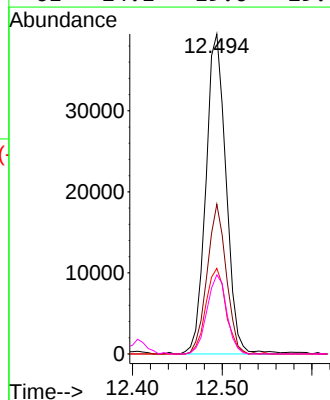
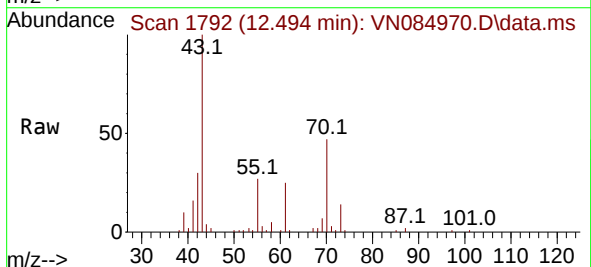
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

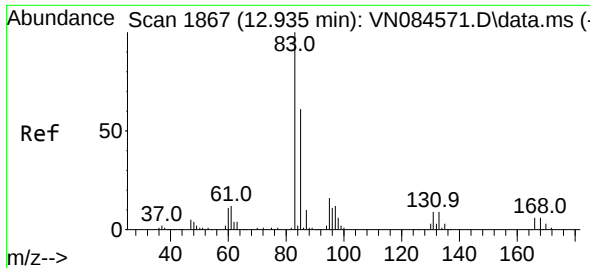
Tgt Ion:105 Resp: 134065  
Ion Ratio Lower Upper  
105 100  
120 26.8 12.9 38.7



#74  
N-ethyl acetate  
Concen: 17.079 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 43 Resp: 61660  
Ion Ratio Lower Upper  
43 100  
70 44.4 34.4 51.6  
55 26.6 19.6 29.4  
61 24.1 19.6 29.4

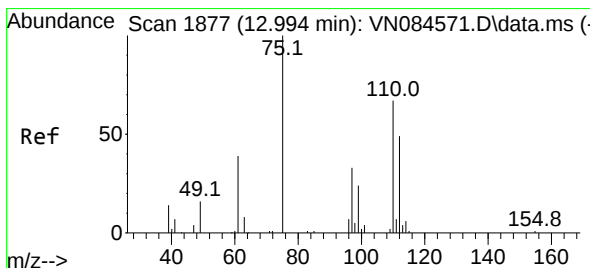
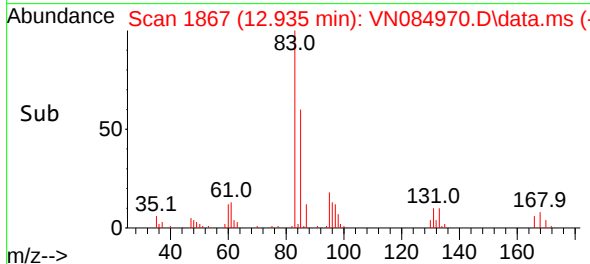
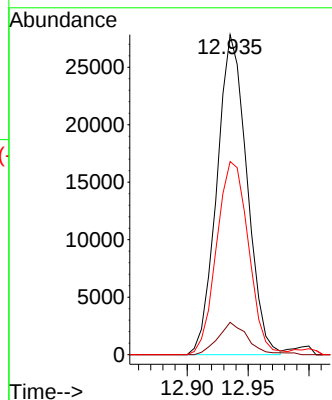
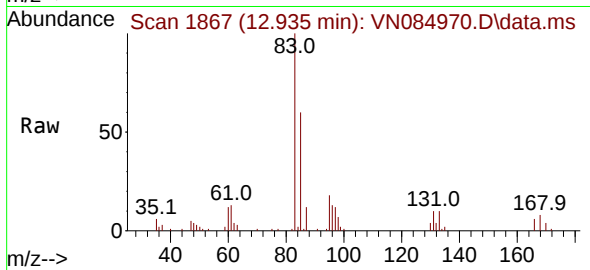




#75  
1,1,2,2-Tetrachloroethane  
Concen: 16.840 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

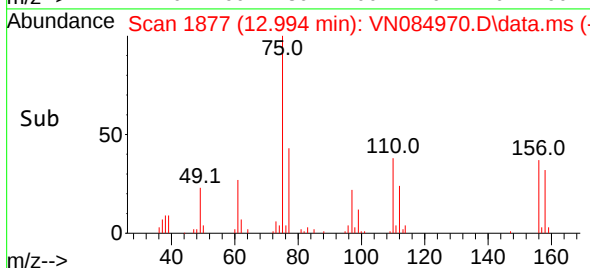
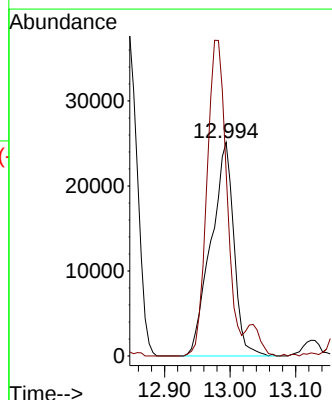
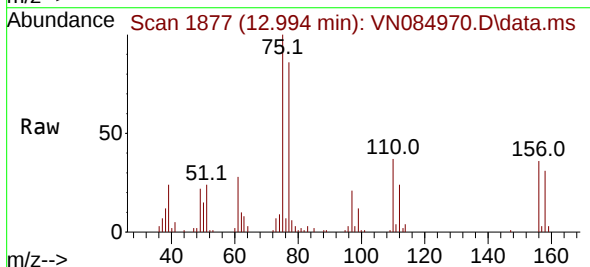
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

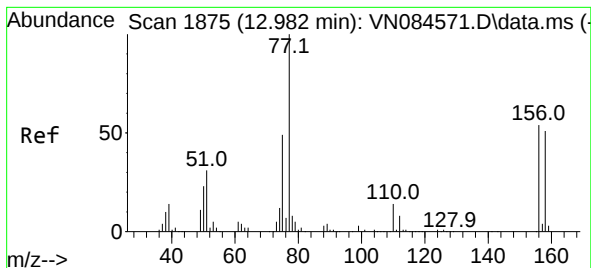
Tgt Ion: 83 Resp: 47681  
Ion Ratio Lower Upper  
83 100  
131 10.1 4.9 14.7  
85 64.3 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 25.183 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 75 Resp: 60935  
Ion Ratio Lower Upper  
75 100  
77 127.5 96.9 290.7





#77

Bromobenzene

Concen: 14.494 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD02

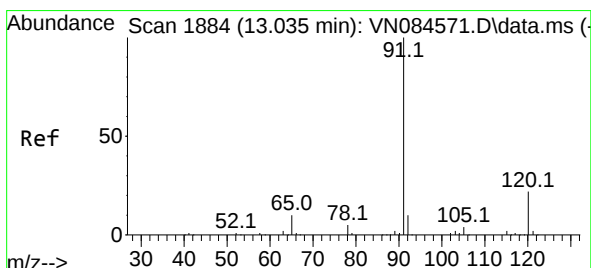
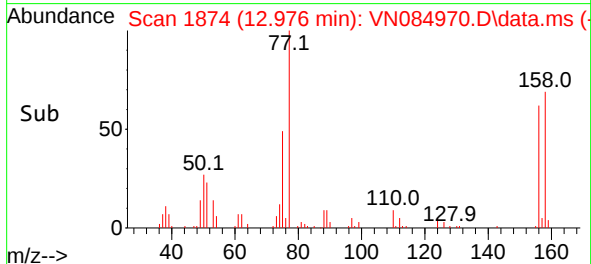
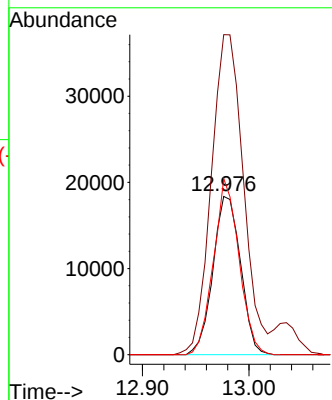
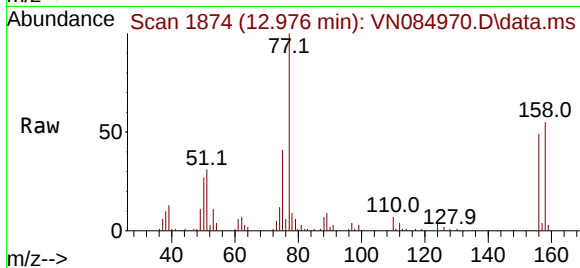
Tgt Ion:156 Resp: 33051

Ion Ratio Lower Upper

156 100

77 235.0 115.1 345.3

158 102.7 48.9 146.8



#78

n-propylbenzene

Concen: 15.729 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084970.D

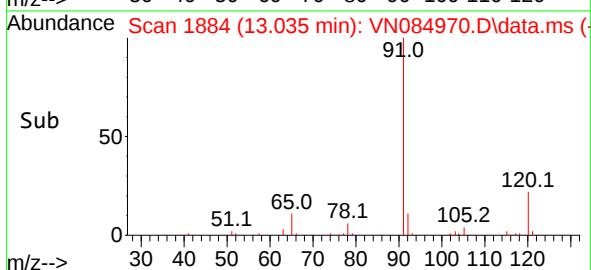
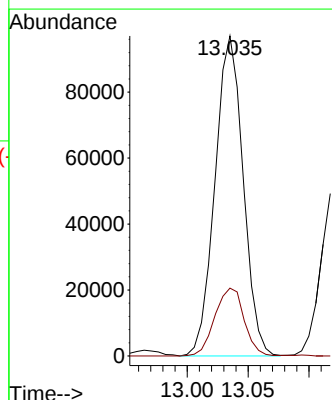
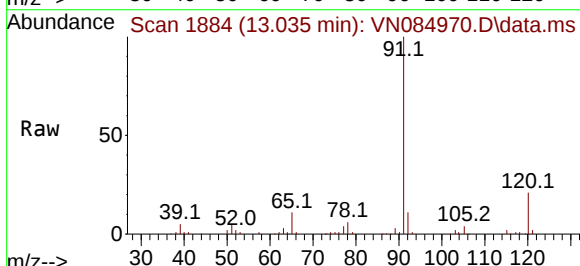
Acq: 20 Nov 2024 15:45

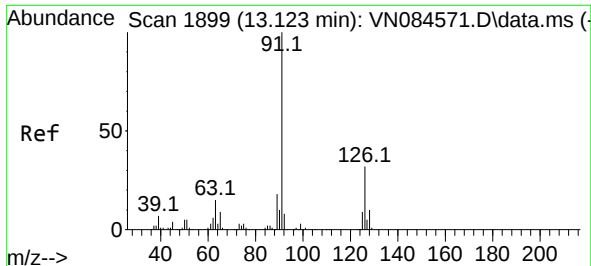
Tgt Ion: 91 Resp: 156349

Ion Ratio Lower Upper

91 100

120 22.0 10.8 32.4

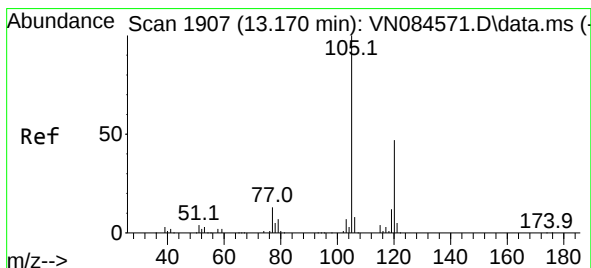
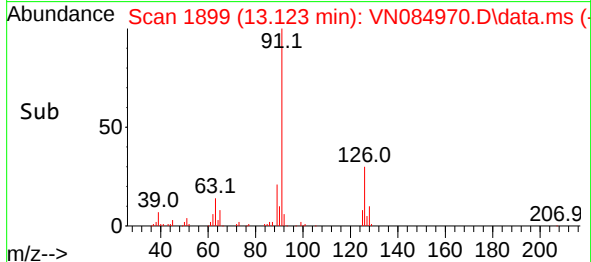
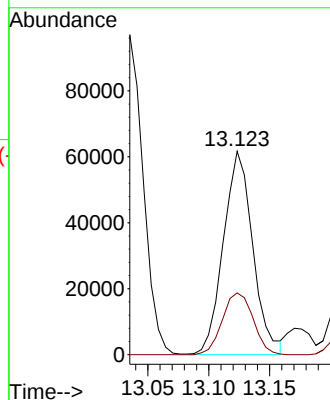
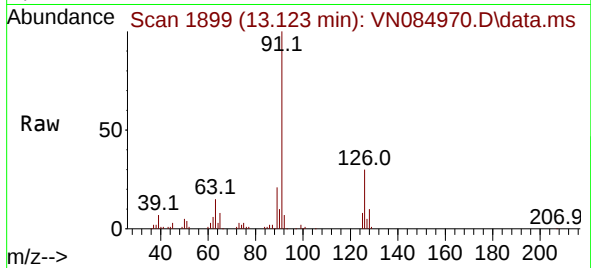




#79  
2-Chlorotoluene  
Concen: 16.018 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

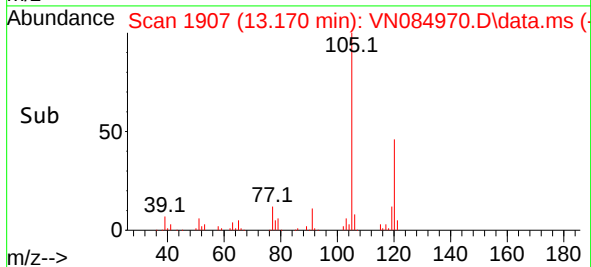
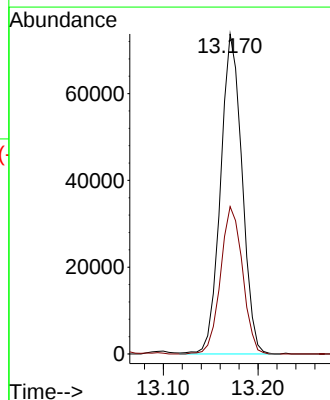
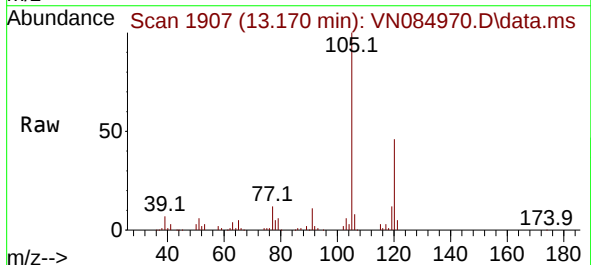
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

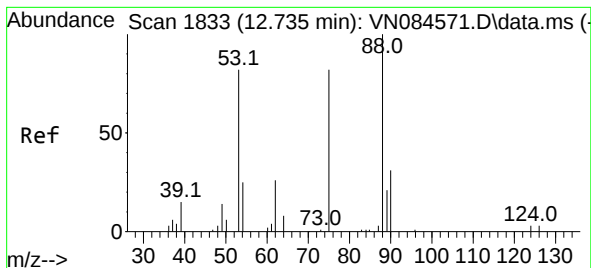
Tgt Ion: 91 Resp: 104038  
Ion Ratio Lower Upper  
91 100  
126 31.6 15.7 47.1



#80  
1,3,5-Trimethylbenzene  
Concen: 16.557 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion:105 Resp: 116408  
Ion Ratio Lower Upper  
105 100  
120 47.0 23.7 71.1

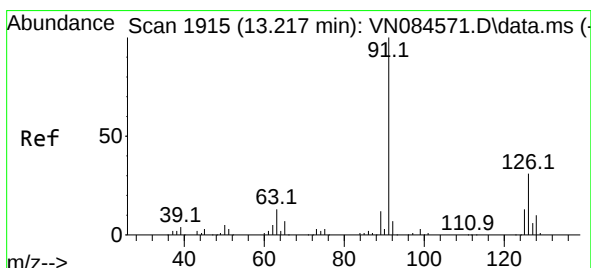
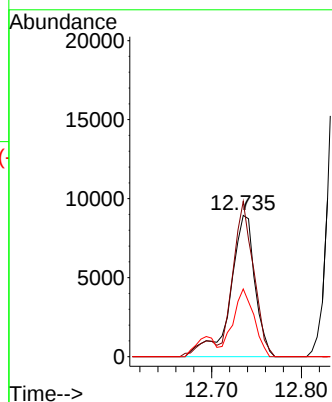
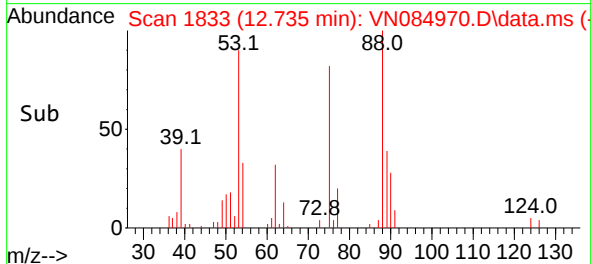
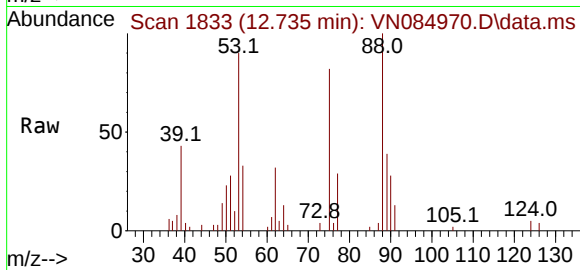




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.651 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

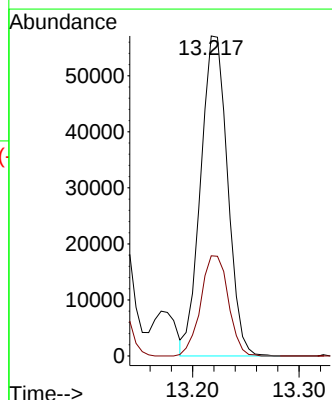
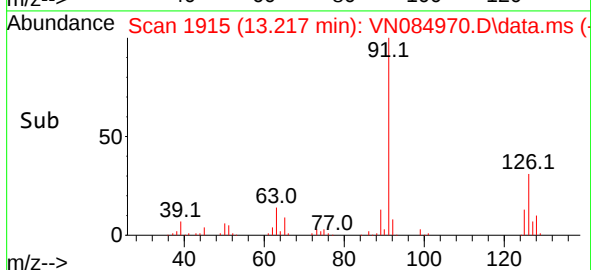
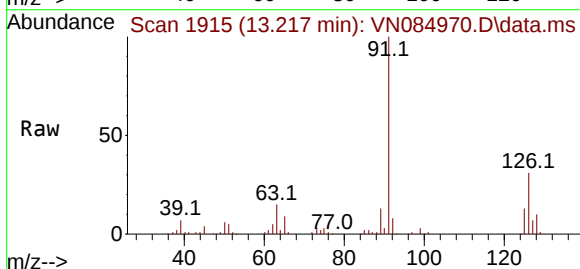
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

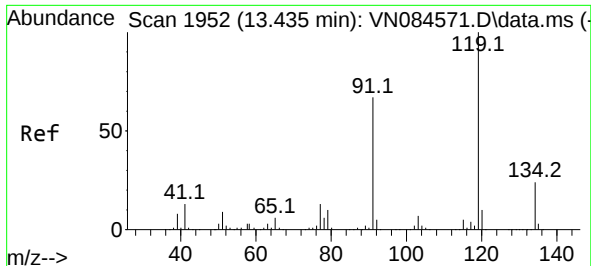
Tgt Ion: 75 Resp: 16983  
Ion Ratio Lower Upper  
75 100  
53 92.0 78.0 117.0  
89 41.5 35.5 53.3



#82  
4-Chlorotoluene  
Concen: 14.665 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 91 Resp: 100241  
Ion Ratio Lower Upper  
91 100  
126 32.1 15.7 47.1

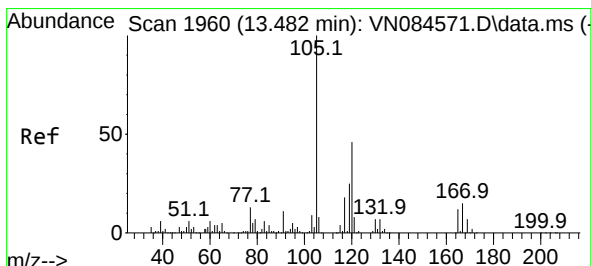
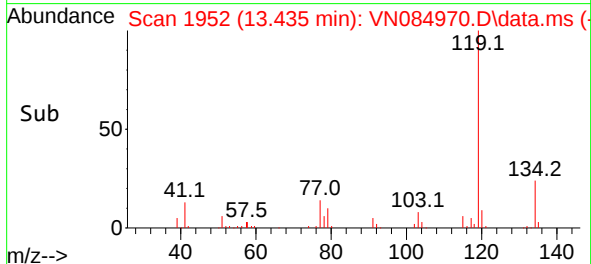
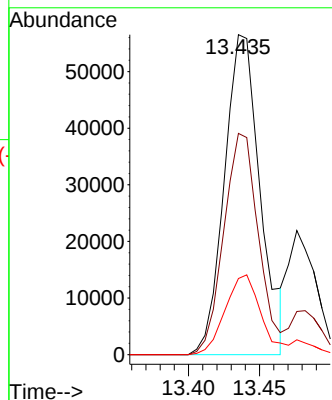
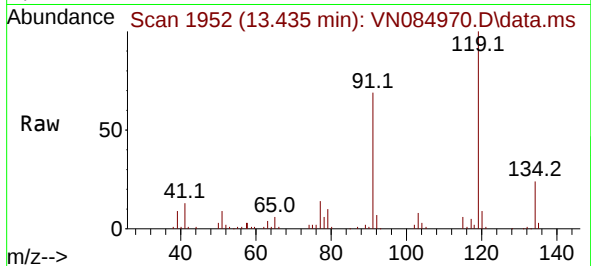




#83  
tert-Butylbenzene  
Concen: 17.020 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

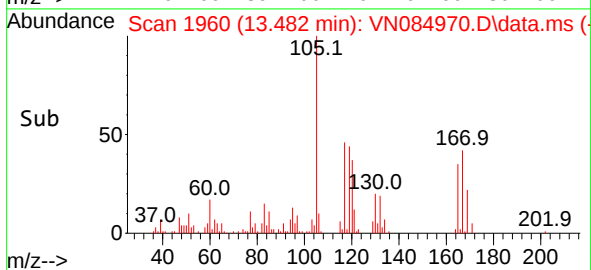
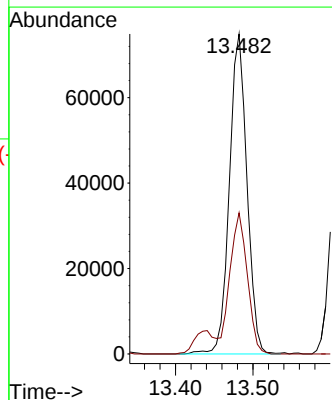
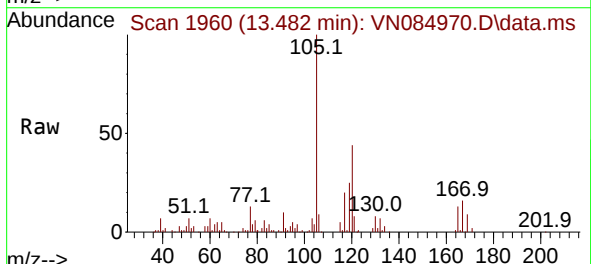
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

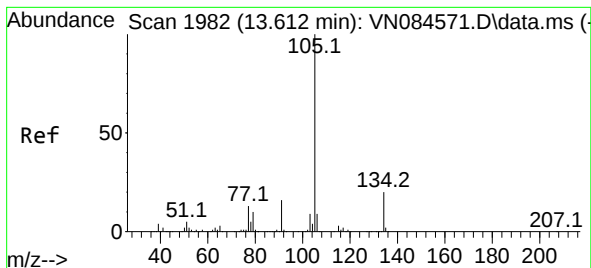
Tgt Ion:119 Resp: 99031  
Ion Ratio Lower Upper  
119 100  
91 67.2 34.1 102.3  
134 25.1 12.8 38.4



#84  
1,2,4-Trimethylbenzene  
Concen: 16.275 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion:105 Resp: 118095  
Ion Ratio Lower Upper  
105 100  
120 44.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 15.512 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

Instrument :

MSVOA\_N

ClientSampleId :

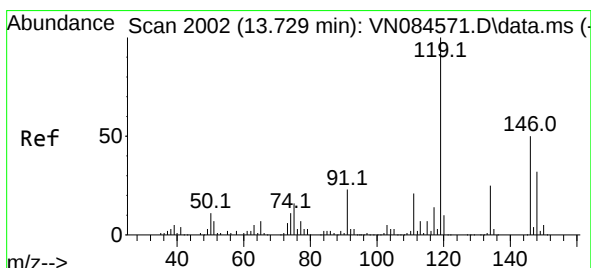
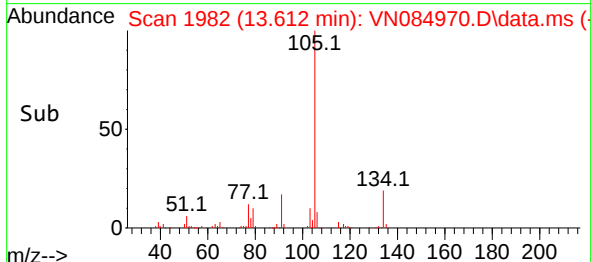
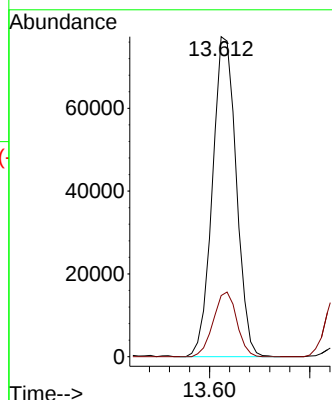
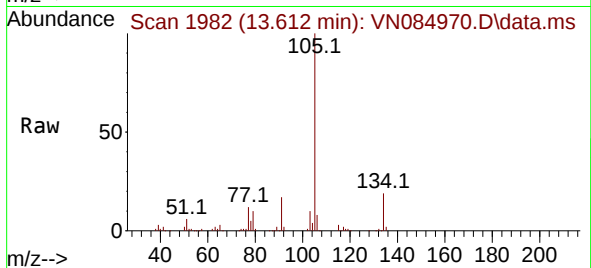
VN1120WBSD02

Tgt Ion:105 Resp: 127493

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4



#86

p-Isopropyltoluene

Concen: 15.478 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

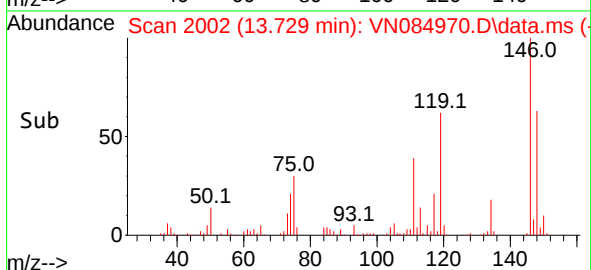
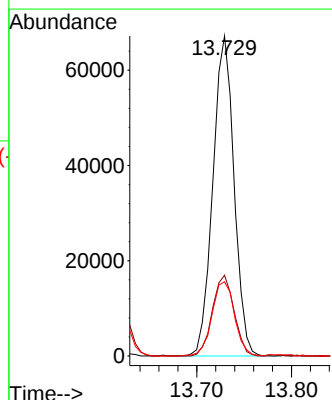
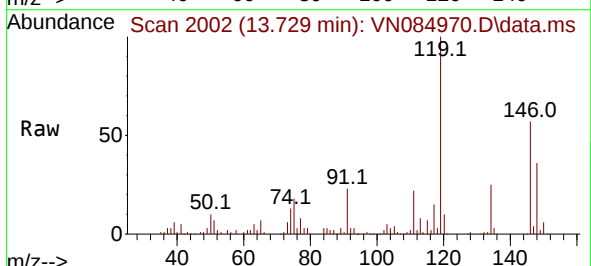
Tgt Ion:119 Resp: 104335

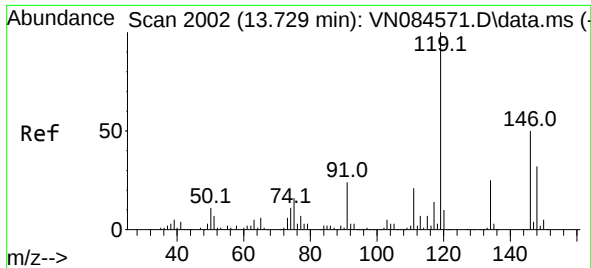
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 24.8 12.4 37.2

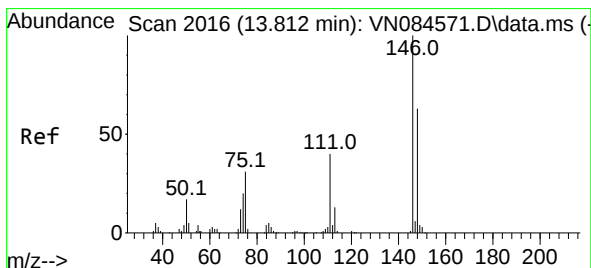
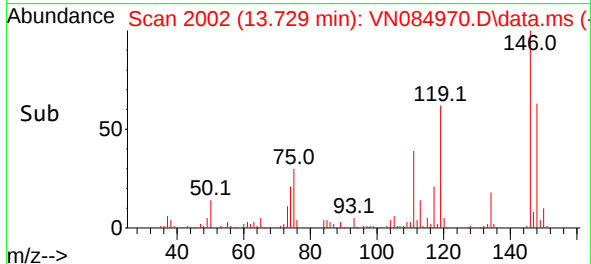
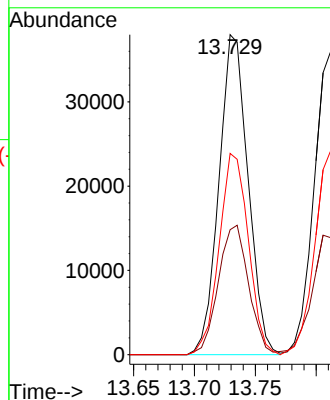
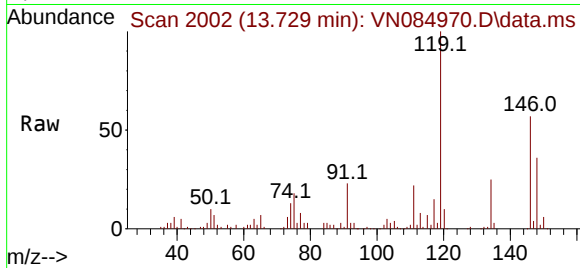




#87  
 1,3-Dichlorobenzene  
 Concen: 14.183 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN084970.D  
 Acq: 20 Nov 2024 15:45

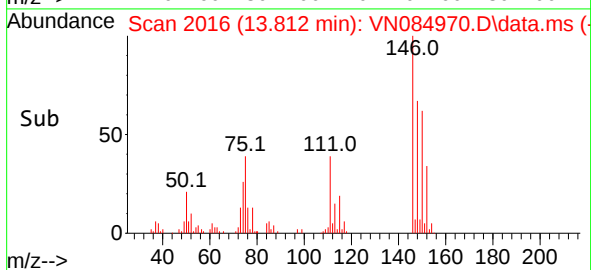
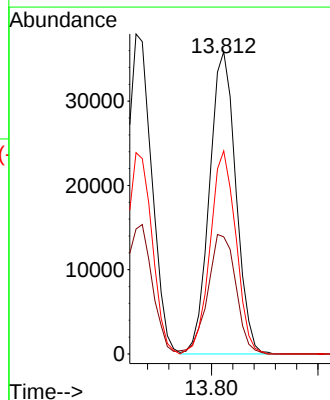
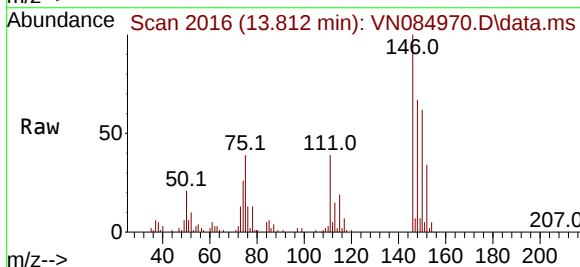
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1120WBSD02

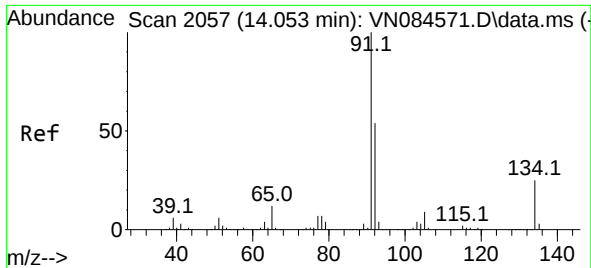
Tgt Ion:146 Resp: 63122  
 Ion Ratio Lower Upper  
 146 100  
 111 42.1 21.8 65.3  
 148 63.2 31.9 95.7



#88  
 1,4-Dichlorobenzene  
 Concen: 14.351 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. -0.000 min  
 Lab File: VN084970.D  
 Acq: 20 Nov 2024 15:45

Tgt Ion:146 Resp: 61674  
 Ion Ratio Lower Upper  
 146 100  
 111 42.1 21.2 63.6  
 148 65.5 31.9 95.9

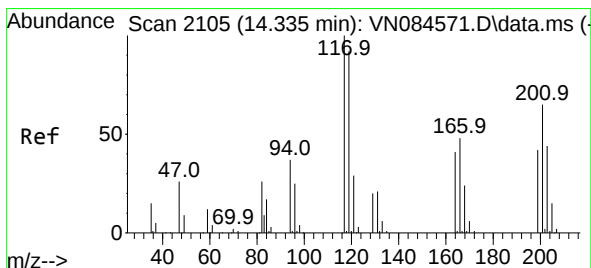
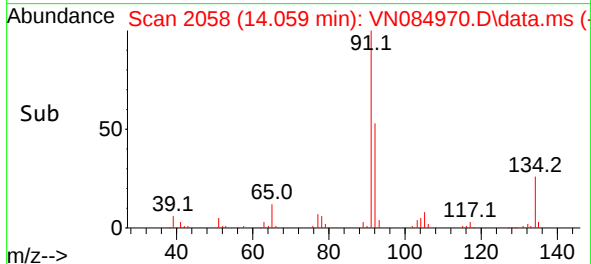
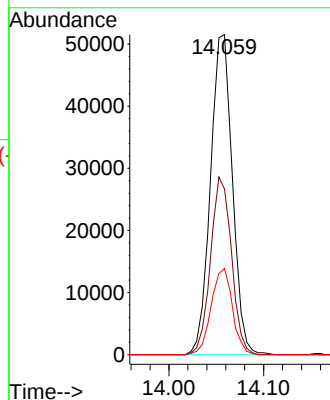
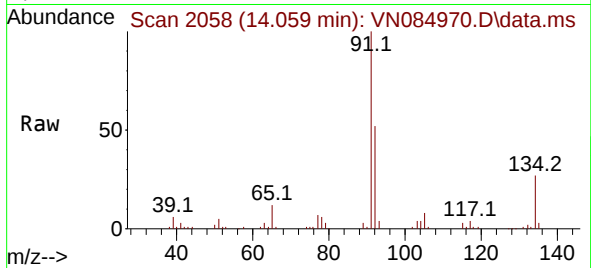




#89  
n-Butylbenzene  
Concen: 13.133 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. 0.006 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

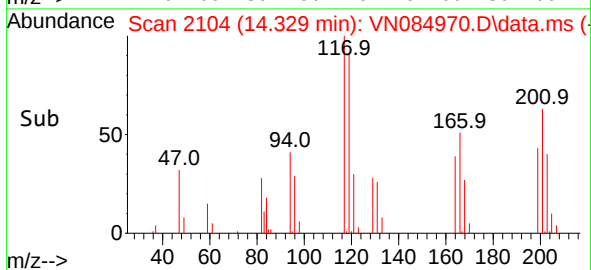
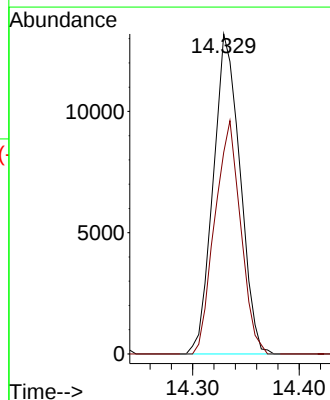
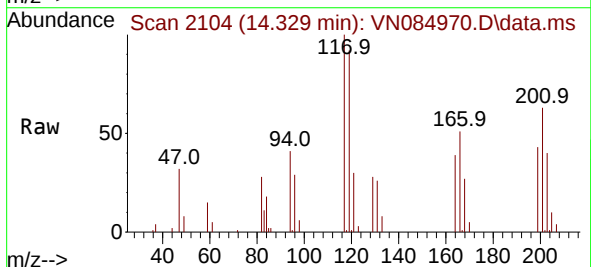
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

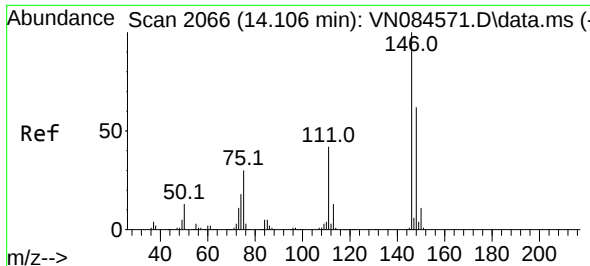
|             |                |
|-------------|----------------|
| Tgt Ion: 91 | Resp: 82811    |
| Ion Ratio   | Lower Upper    |
| 91          | 100            |
| 92          | 53.1 26.6 79.7 |
| 134         | 26.2 12.3 36.9 |



#90  
Hexachloroethane  
Concen: 15.334 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 23051     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 201          | 70.5 34.4 103.2 |

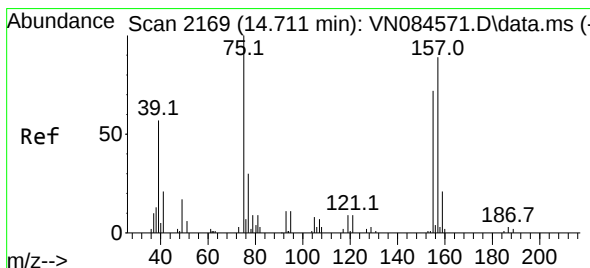
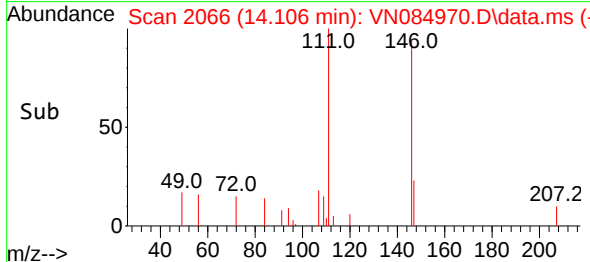
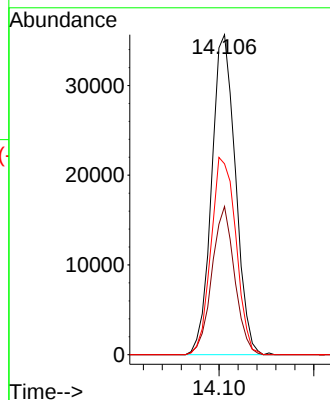
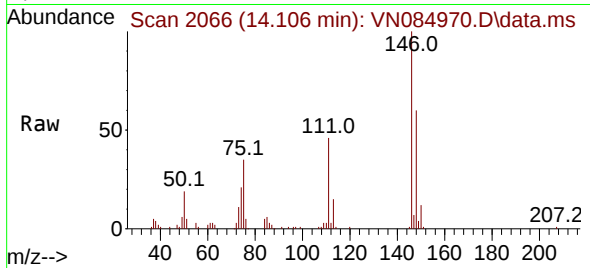




#91  
1,2-Dichlorobenzene  
Concen: 14.551 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

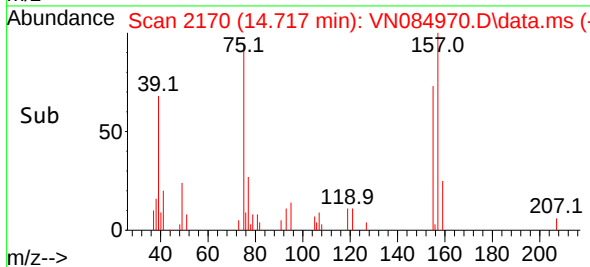
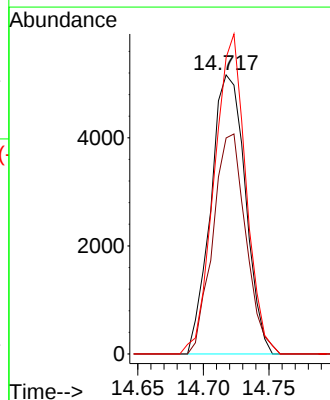
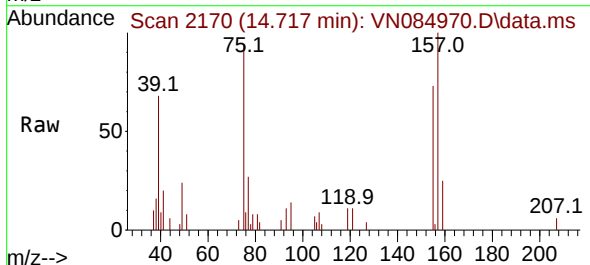
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1120WBSD02

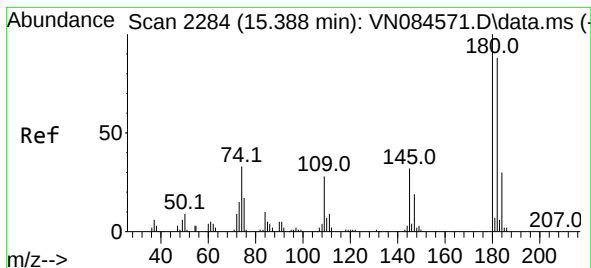
Tgt Ion:146 Resp: 62227  
Ion Ratio Lower Upper  
146 100  
111 44.2 22.0 66.0  
148 64.6 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.534 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN084970.D  
Acq: 20 Nov 2024 15:45

Tgt Ion: 75 Resp: 9484  
Ion Ratio Lower Upper  
75 100  
155 74.9 38.1 114.5  
157 104.4 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 11.703 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD02

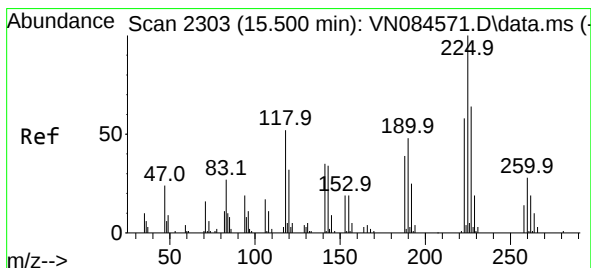
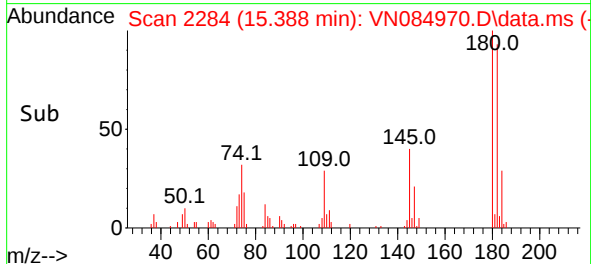
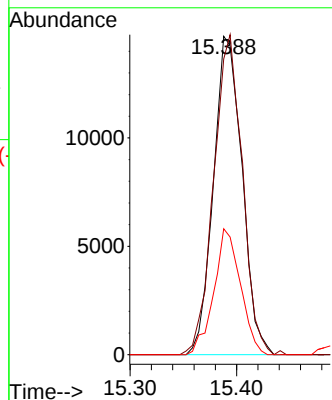
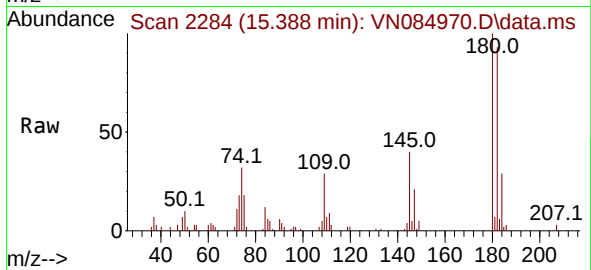
Tgt Ion:180 Resp: 27394

Ion Ratio Lower Upper

180 100

182 100.5 47.0 141.0

145 36.7 16.4 49.4



#94

Hexachlorobutadiene

Concen: 13.470 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

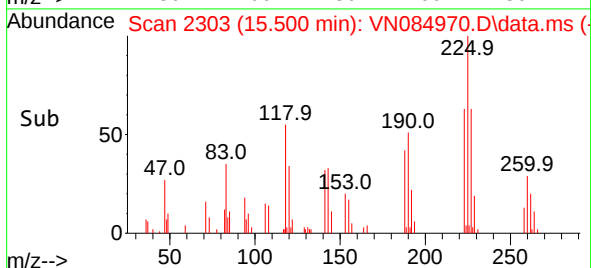
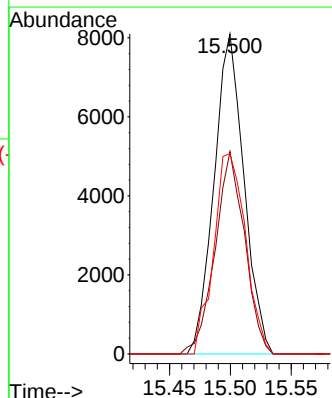
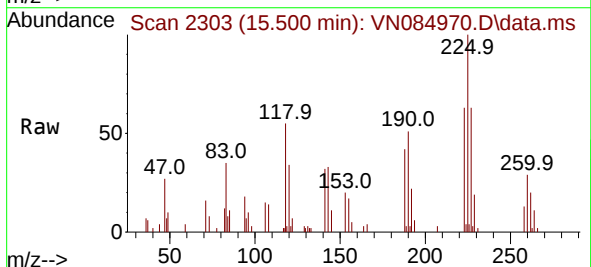
Tgt Ion:225 Resp: 13846

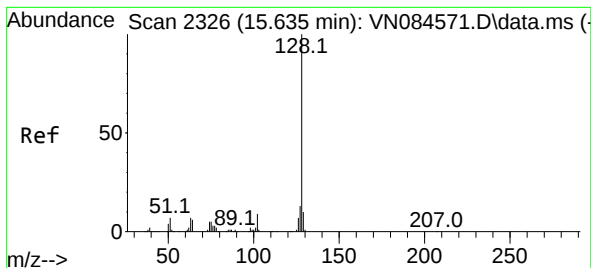
Ion Ratio Lower Upper

225 100

223 62.4 32.4 97.2

227 66.6 32.4 97.0





#95

Naphthalene

Concen: 13.157 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

Instrument :

MSVOA\_N

ClientSampleId :

VN1120WBSD02

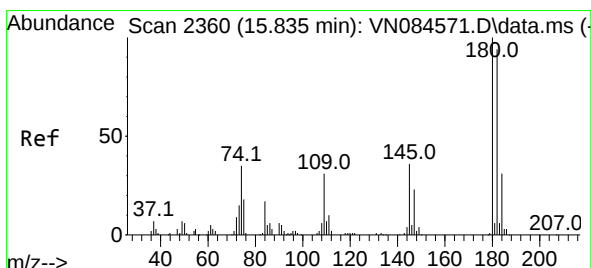
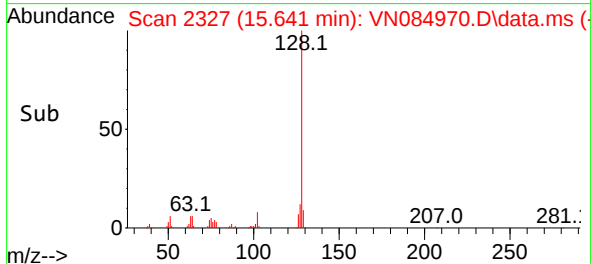
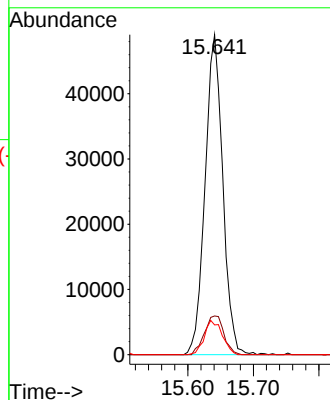
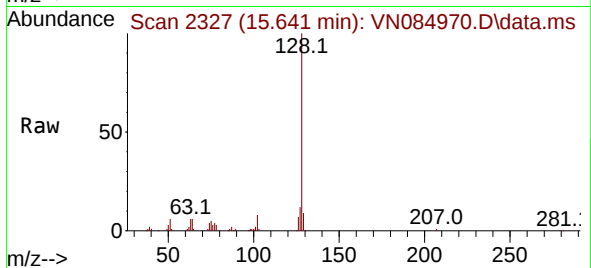
Tgt Ion:128 Resp: 92180

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 12.272 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084970.D

Acq: 20 Nov 2024 15:45

Tgt Ion:180 Resp: 27885

Ion Ratio Lower Upper

180 100

182 94.4 48.2 144.6

145 34.1 17.3 51.9

