

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110624\  
 Data File : VN084706.D  
 Acq On : 06 Nov 2024 13:14  
 Operator : JC\MD  
 Sample : VN1106WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1106WBS02

Quant Time: Nov 07 00:17:17 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  | 167841   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 290171   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 254182   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 130671   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 119087   | 49.124   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 98.240% |
| 35) Dibromofluoromethane    | 8.165  | 113   | 94740    | 48.236   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 96.480% |
| 50) Toluene-d8              | 10.565 | 98    | 345977   | 47.819   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 95.640% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 133356   | 49.318   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 98.640% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 35519  | 18.409  | ug/l   | 92  |
| 3) Chloromethane             | 2.359 | 50  | 39671  | 15.798  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.512 | 62  | 38601  | 18.601  | ug/l   | 93  |
| 5) Bromomethane              | 2.901 | 94  | 20010  | 18.199  | ug/l   | 96  |
| 6) Chloroethane              | 3.071 | 64  | 25005  | 18.589  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.465 | 101 | 65228  | 19.081  | ug/l   | 94  |
| 8) Diethyl Ether             | 3.954 | 74  | 23456  | 19.451  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 4.348 | 101 | 37082  | 19.197  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.583 | 142 | 50370  | 19.511  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.548 | 59  | 31923  | 99.764  | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.324 | 96  | 34528  | 18.065  | ug/l   | 95  |
| 13) Acrolein                 | 4.177 | 56  | 36754  | 115.187 | ug/l   | 96  |
| 14) Allyl chloride           | 5.012 | 41  | 57818  | 18.653  | ug/l   | 93  |
| 15) Acrylonitrile            | 5.712 | 53  | 91492  | 98.766  | ug/l   | 97  |
| 16) Acetone                  | 4.424 | 43  | 71992  | 101.109 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.706 | 76  | 97210  | 16.515  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.018 | 43  | 49168  | 16.551  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.795 | 73  | 118162 | 20.170  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.271 | 84  | 40570  | 19.028  | ug/l # | 90  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 35812  | 18.247  | ug/l   | 93  |
| 22) Diisopropyl ether        | 6.665 | 45  | 122447 | 19.880  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.600 | 43  | 416993 | 98.174  | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.553 | 63  | 70719  | 19.124  | ug/l   | 98  |
| 25) 2-Butanone               | 7.483 | 43  | 109868 | 97.146  | ug/l   | 93  |
| 26) 2,2-Dichloropropane      | 7.489 | 77  | 62418  | 19.394  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 44521  | 19.427  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.806 | 49  | 31754  | 21.553  | ug/l   | 91  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 73723  | 98.258  | ug/l   | 97  |
| 30) Chloroform               | 7.959 | 83  | 73745  | 19.594  | ug/l   | 98  |
| 31) Cyclohexane              | 8.253 | 56  | 61238  | 18.297  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 67269  | 19.637  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.365 | 75  | 48607  | 17.844  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.559 | 43  | 47235  | 19.112  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 57771  | 18.974  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.600 | 83  | 50195  | 18.113  | ug/l   | 96  |
| 40) Benzene                  | 8.606 | 78  | 160359 | 18.331  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110624\  
 Data File : VN084706.D  
 Acq On : 06 Nov 2024 13:14  
 Operator : JC\MD  
 Sample : VN1106WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1106WBS02

Quant Time: Nov 07 00:17:17 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         | 7.783  | 41   | 25599    | 19.261  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 53611    | 18.923  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 89875    | 19.088  | ug/l   | 99       |
| 44) Trichloroethene           | 9.347  | 130  | 37499    | 18.587  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 37737    | 18.389  | ug/l   | 98       |
| 46) Dibromomethane            | 9.706  | 93   | 27245    | 18.815  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.888  | 83   | 58359    | 19.119  | ug/l # | 99       |
| 48) Methyl methacrylate       | 9.683  | 41   | 36817    | 19.141  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 13552    | 397.596 | ug/l # | 79       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 234693   | 99.614  | ug/l   | 99       |
| 52) Toluene                   | 10.630 | 92   | 99678    | 19.483  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 57365    | 18.156  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 60654    | 18.138  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 37144    | 19.273  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 57639    | 20.677  | ug/l # | 92       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 64223    | 19.417  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 145654   | 111.661 | ug/l   | 98       |
| 59) 2-Hexanone                | 11.194 | 43   | 171790   | 100.174 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.359 | 129  | 44898    | 20.441  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 38204    | 19.358  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.106 | 164  | 32029    | 18.944  | ug/l   | 90       |
| 65) Chlorobenzene             | 11.888 | 112  | 104596   | 18.394  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 38349    | 19.388  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.959 | 91   | 177536   | 18.704  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.071 | 106  | 138023   | 38.408  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 67567    | 20.099  | ug/l   | 100      |
| 70) Styrene                   | 12.412 | 104  | 116094   | 19.797  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 29909    | 20.095  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 170294   | 18.597  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 72260    | 18.540  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 55595    | 18.189  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 71224    | 27.267  | ug/l   | 60       |
| 77) Bromobenzene              | 12.982 | 156  | 46511    | 18.894  | ug/l   | 88       |
| 78) n-propylbenzene           | 13.035 | 91   | 198220   | 18.472  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.124 | 91   | 127993   | 18.255  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 150593   | 19.842  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 18952    | 17.213  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 131525   | 17.825  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 126120   | 20.079  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 149881   | 19.134  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.612 | 105  | 166089   | 18.719  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 140022   | 19.242  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 81900    | 17.048  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 82846    | 18.087  | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.053 | 91   | 117157   | 17.212  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 27940    | 17.217  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 80849    | 17.513  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 10595    | 17.111  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 39649    | 15.691  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 17631    | 15.889  | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 119907   | 15.854  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 38916    | 15.865  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110624\  
Data File : VN084706.D  
Acq On : 06 Nov 2024 13:14  
Operator : JC\MD  
Sample : VN1106WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

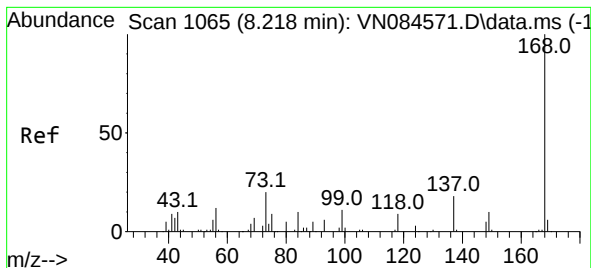
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

Quant Time: Nov 07 00:17:17 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

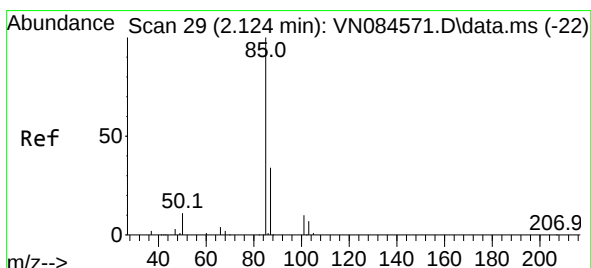
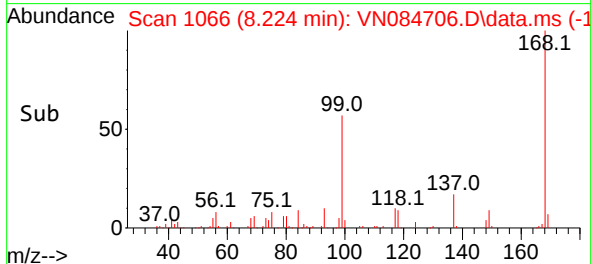
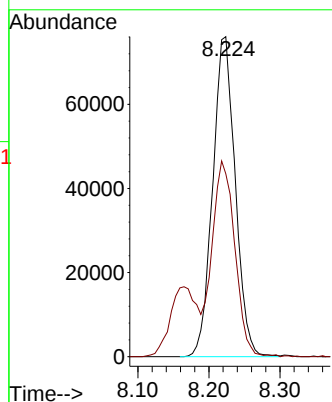
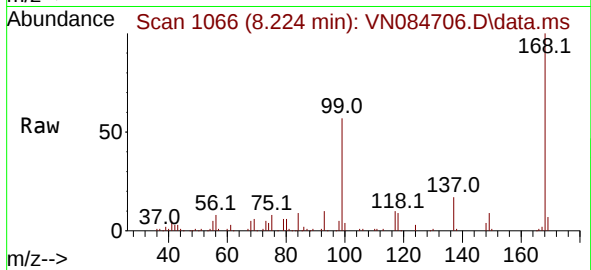




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

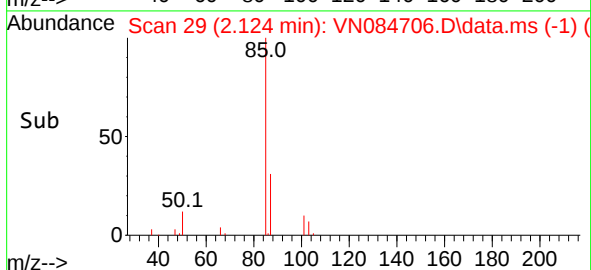
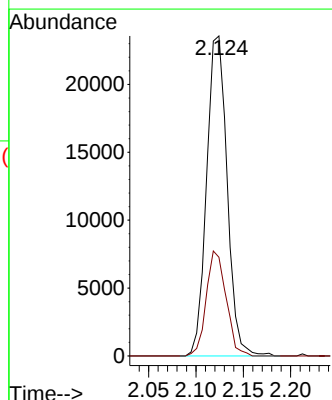
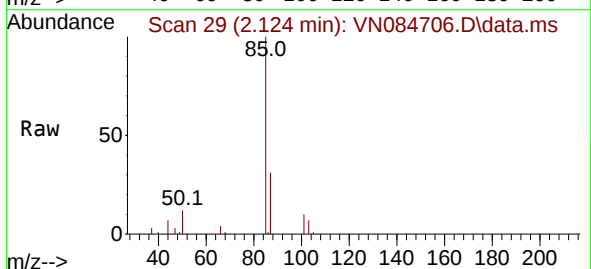
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

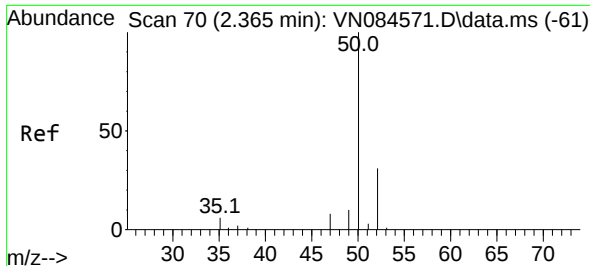
Tgt Ion:168 Resp: 167841  
Ion Ratio Lower Upper  
168 100  
99 57.1 54.2 81.2



#2  
Dichlorodifluoromethane  
Concen: 18.409 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 85 Resp: 35519  
Ion Ratio Lower Upper  
85 100  
87 30.8 17.6 52.9

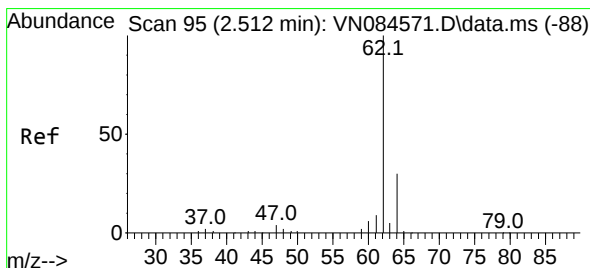
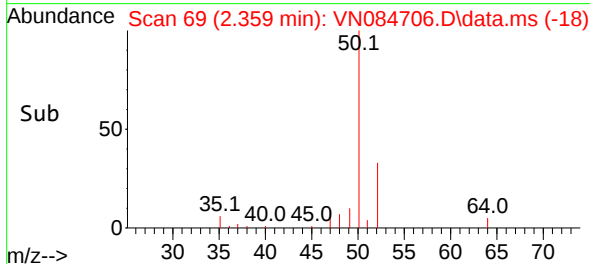
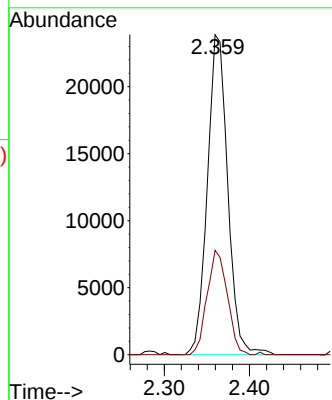
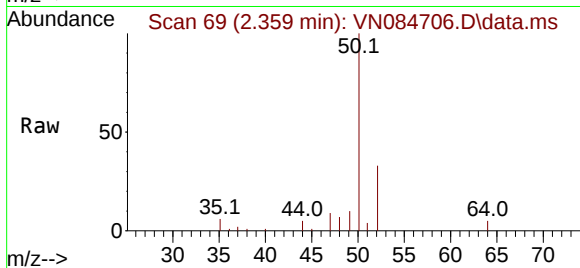




#3  
Chloromethane  
Concen: 15.798 ug/l  
RT: 2.359 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

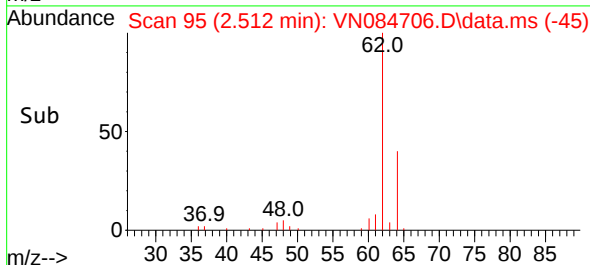
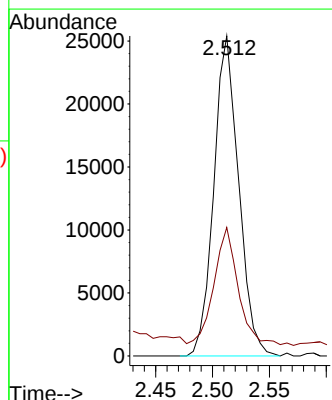
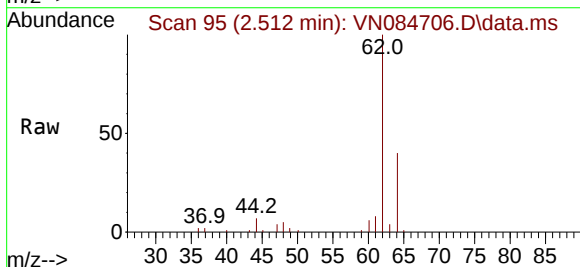
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

Tgt Ion: 50 Resp: 39671  
Ion Ratio Lower Upper  
50 100  
52 32.6 26.8 40.2



#4  
Vinyl Chloride  
Concen: 18.601 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 62 Resp: 38601  
Ion Ratio Lower Upper  
62 100  
64 36.6 26.2 39.4

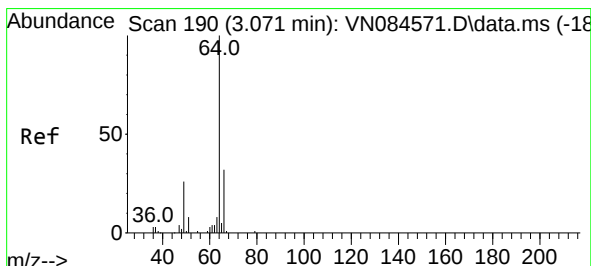
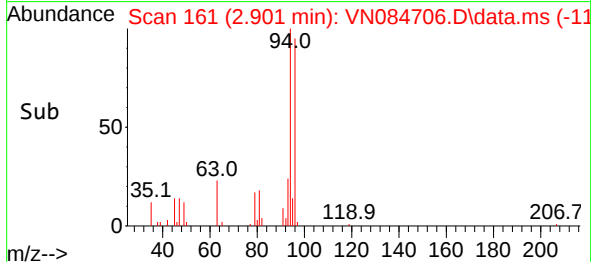
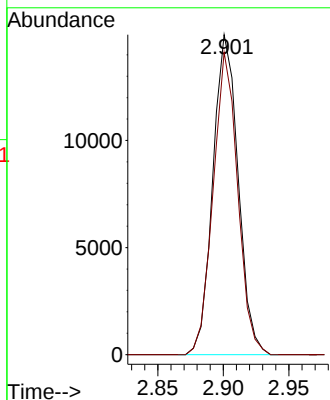
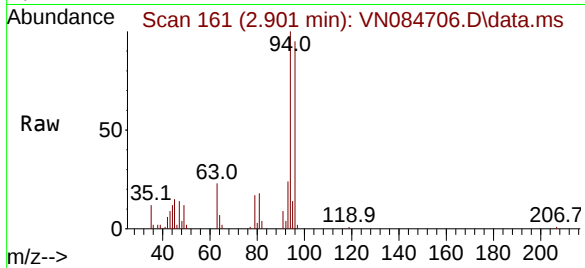




#5  
Bromomethane  
Concen: 18.199 ug/l  
RT: 2.901 min Scan# 1  
Delta R.T. -0.052 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

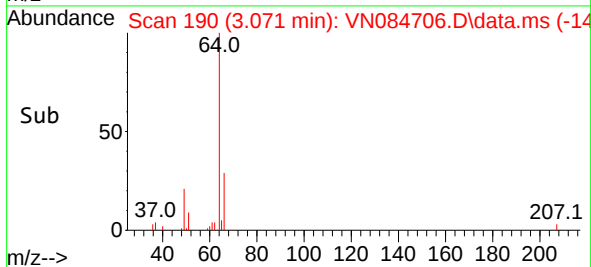
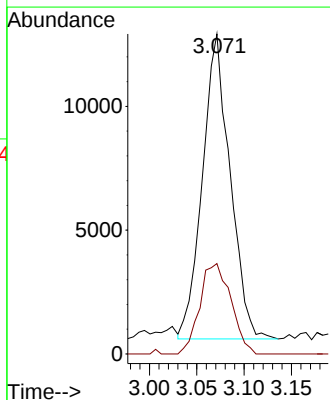
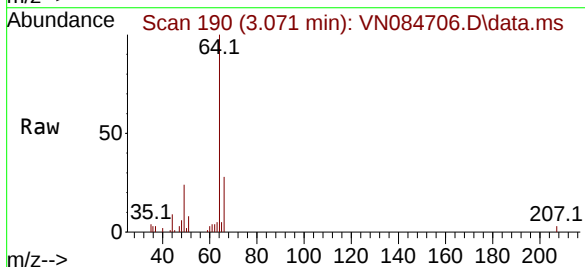
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

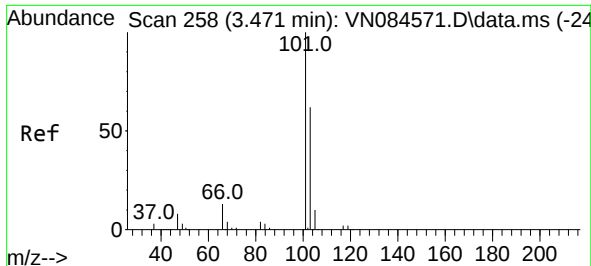
Tgt Ion: 94 Resp: 20010  
Ion Ratio Lower Upper  
94 100  
96 94.5 72.9 109.3



#6  
Chloroethane  
Concen: 18.589 ug/l  
RT: 3.071 min Scan# 190  
Delta R.T. -0.047 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 64 Resp: 25005  
Ion Ratio Lower Upper  
64 100  
66 29.7 23.5 35.3

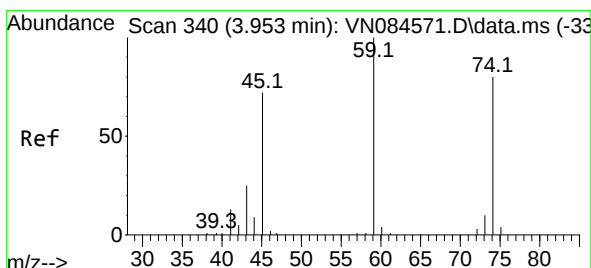
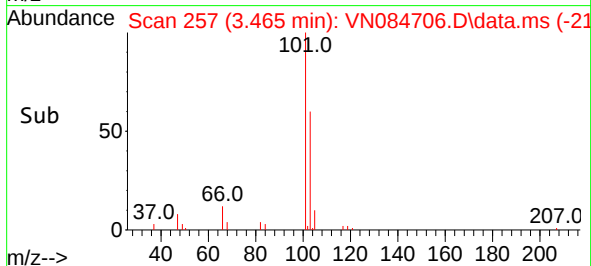
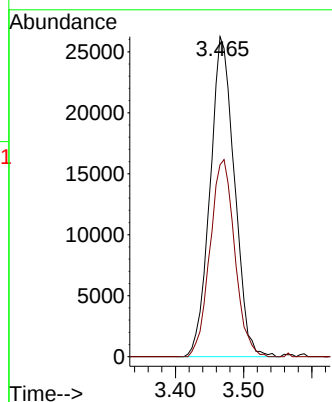
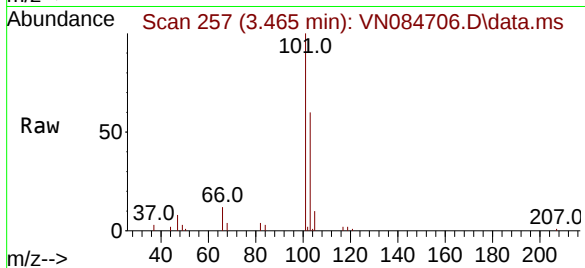




#7  
Trichlorofluoromethane  
Concen: 19.081 ug/l  
RT: 3.465 min Scan# 21  
Delta R.T. -0.030 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

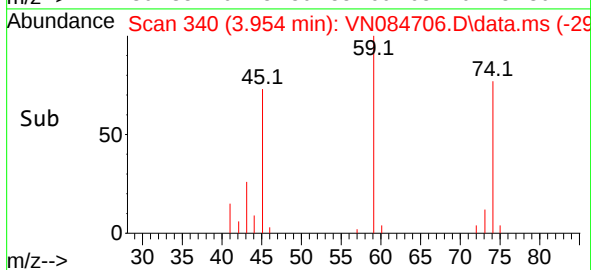
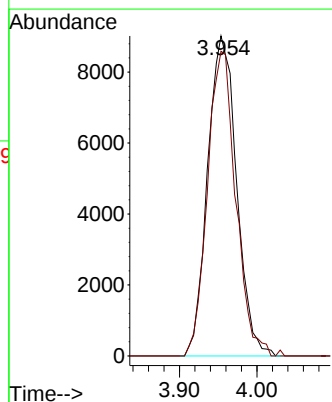
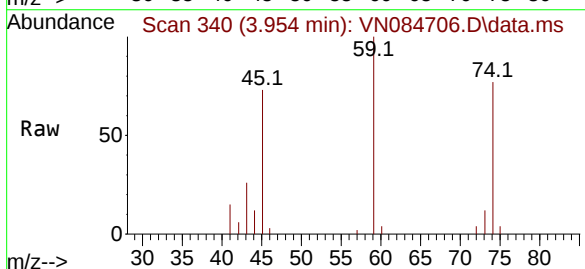
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

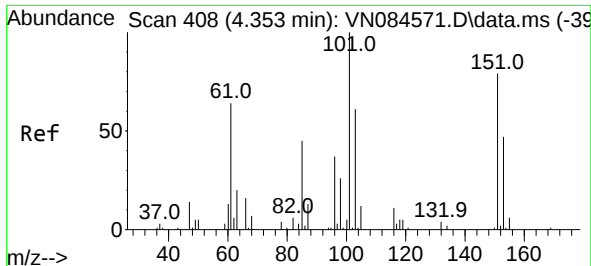
Tgt Ion:101 Resp: 65228  
Ion Ratio Lower Upper  
101 100  
103 59.9 51.8 77.6



#8  
Diethyl Ether  
Concen: 19.451 ug/l  
RT: 3.954 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 74 Resp: 23456  
Ion Ratio Lower Upper  
74 100  
45 92.8 47.7 143.1

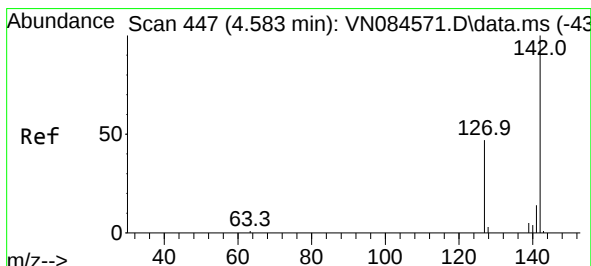
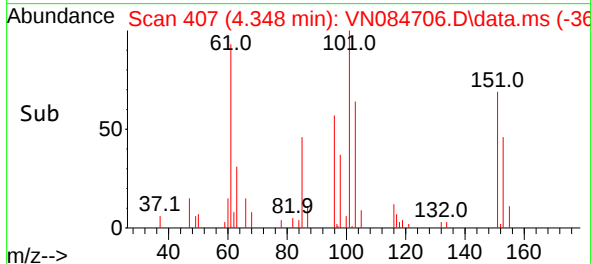
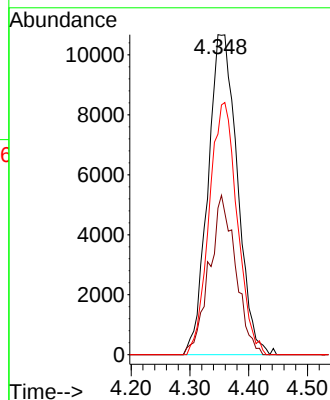
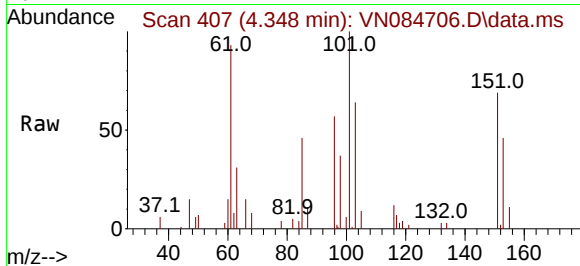




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.197 ug/l  
RT: 4.348 min Scan# 407  
Delta R.T. -0.023 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

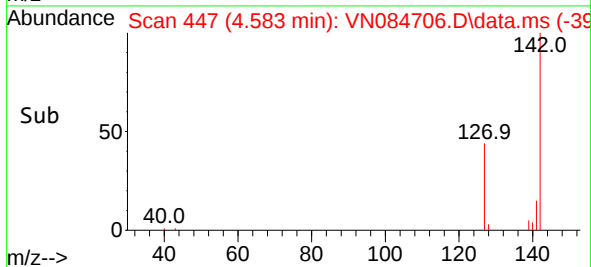
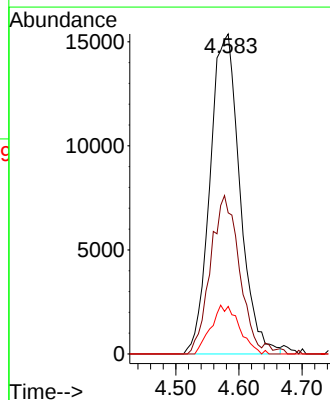
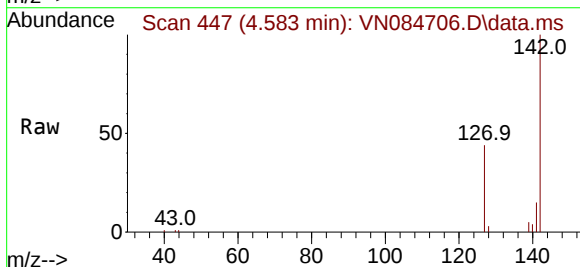
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

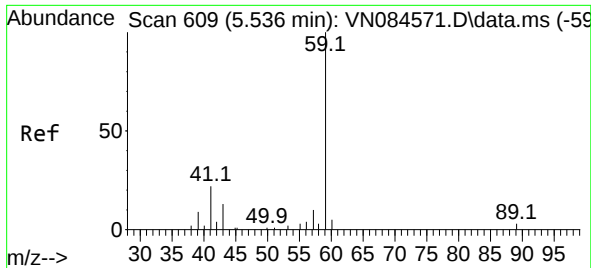
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 37082 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 44.8  | 36.2  | 54.4  |
| 151      | 75.3  | 59.3  | 88.9  |



#10  
Methyl Iodide  
Concen: 19.511 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.012 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 50370 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 44.1  | 35.3  | 52.9  |
| 141      | 14.9  | 11.0  | 16.6  |

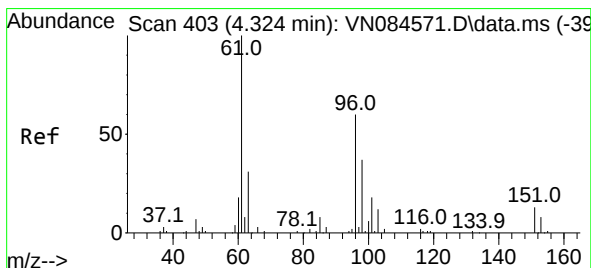
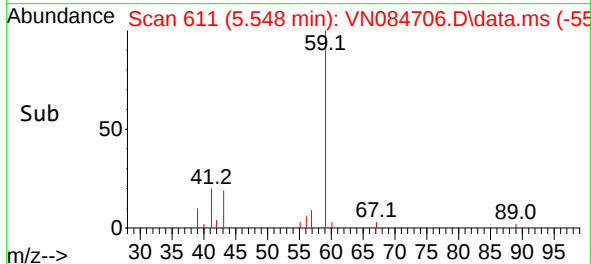
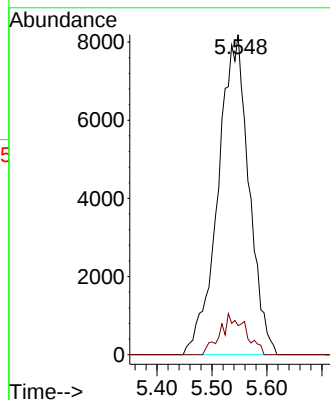
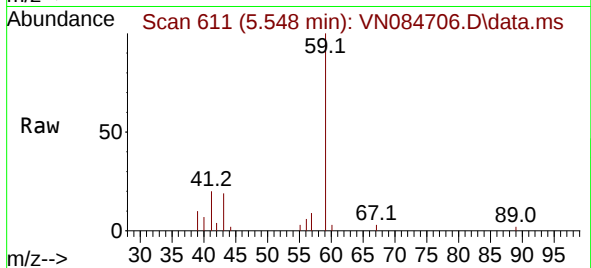




#11  
Tert butyl alcohol  
Concen: 99.764 ug/l  
RT: 5.548 min Scan# 611  
Delta R.T. 0.024 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

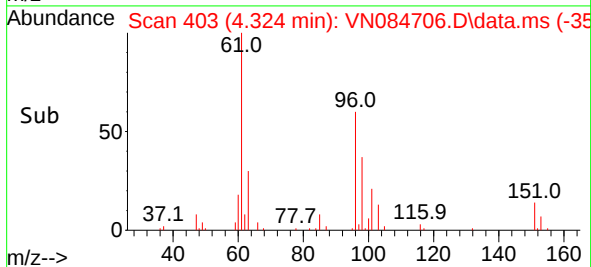
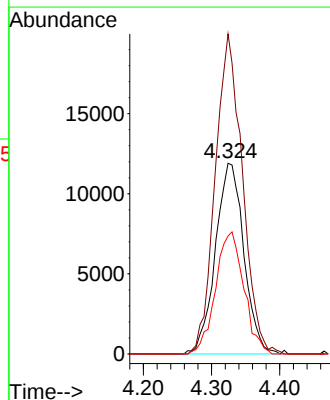
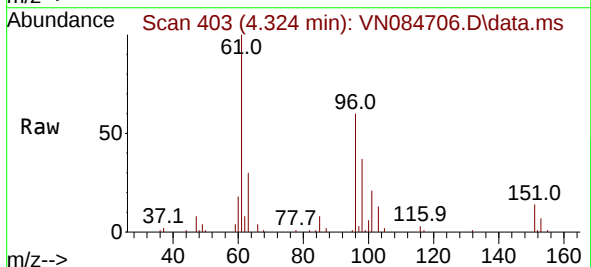
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

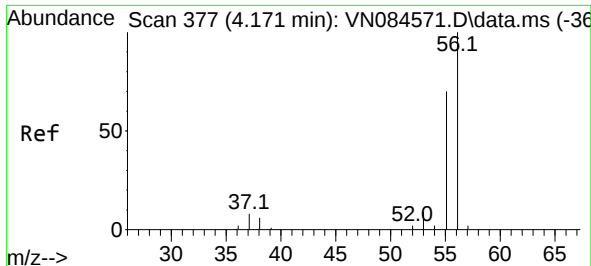
Tgt Ion: 59 Resp: 31923  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.2 12.2



#12  
1,1-Dichloroethene  
Concen: 18.065 ug/l  
RT: 4.324 min Scan# 403  
Delta R.T. -0.018 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 96 Resp: 34528  
Ion Ratio Lower Upper  
96 100  
61 167.7 128.6 192.8  
98 61.8 51.7 77.5





#13

Acrolein

Concen: 115.187 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

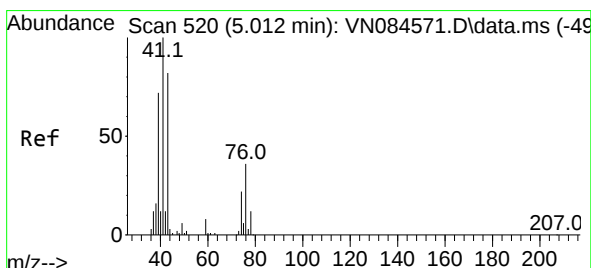
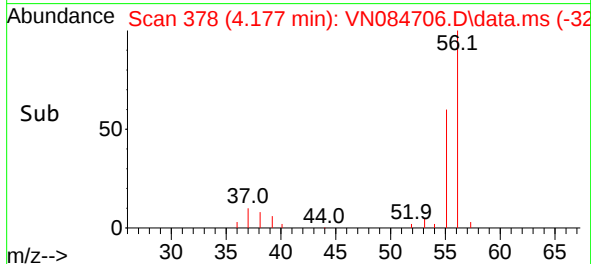
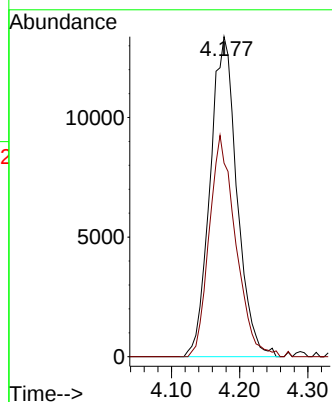
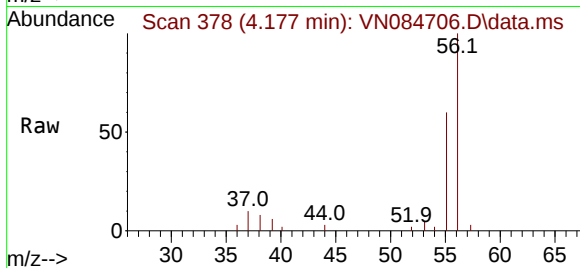
VN1106WBS02

Tgt Ion: 56 Resp: 36754

Ion Ratio Lower Upper

56 100

55 67.9 57.2 85.8



#14

Allyl chloride

Concen: 18.653 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

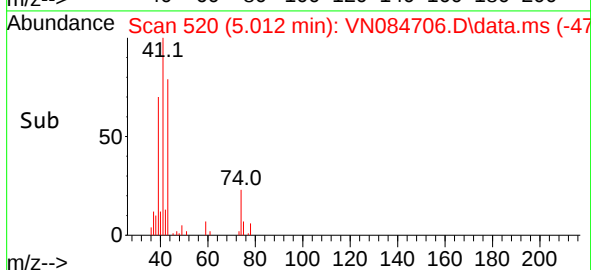
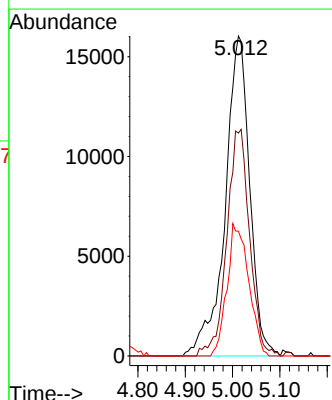
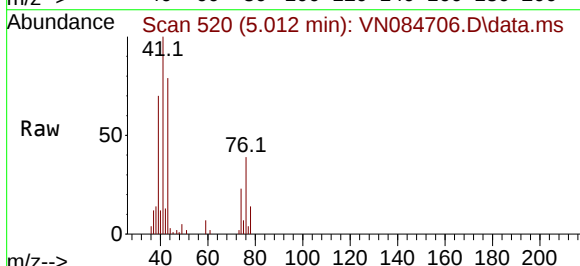
Tgt Ion: 41 Resp: 57818

Ion Ratio Lower Upper

41 100

39 65.6 59.0 88.6

76 36.4 29.8 44.6

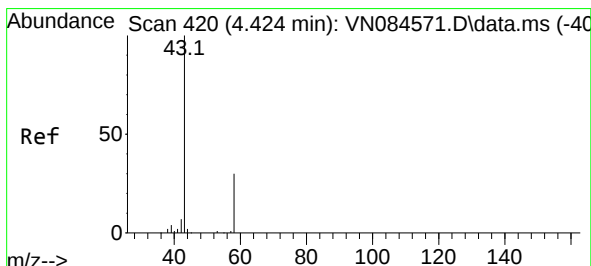
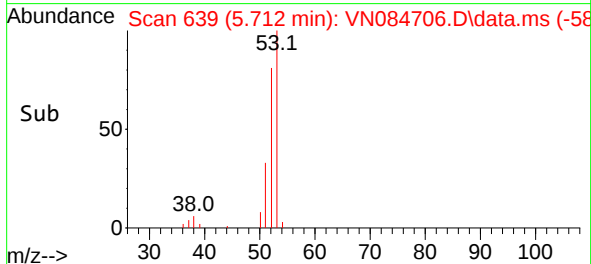
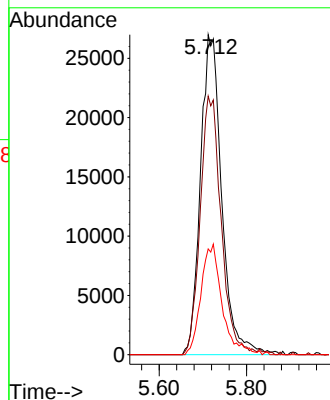
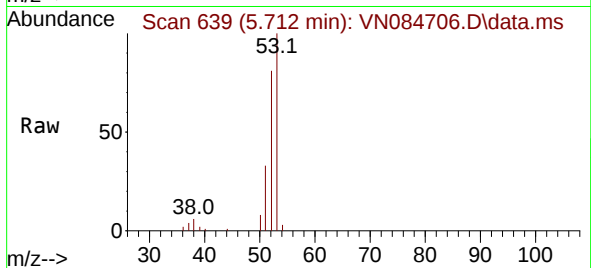




#15  
Acrylonitrile  
Concen: 98.766 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

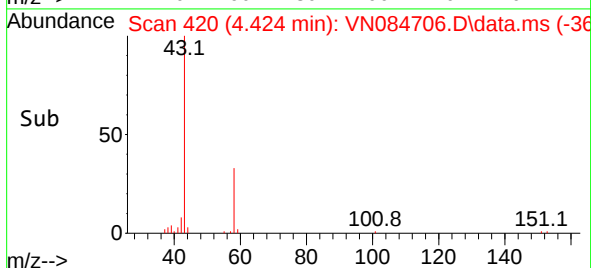
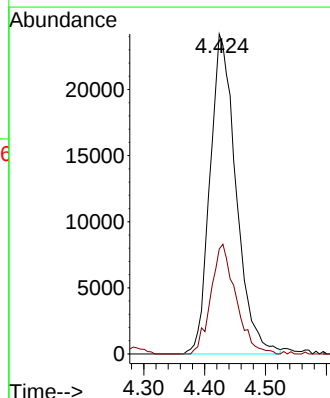
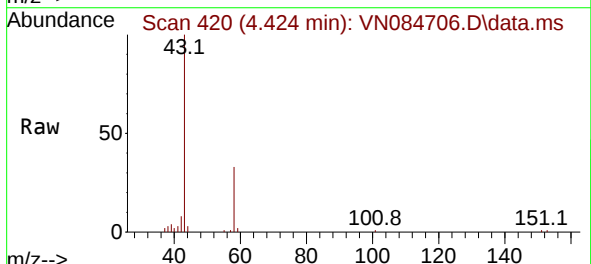
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

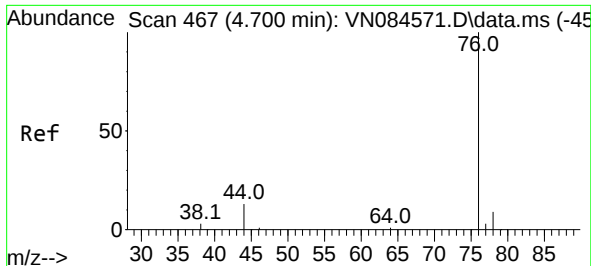
Tgt Ion: 53 Resp: 91492  
Ion Ratio Lower Upper  
53 100  
52 79.6 66.2 99.4  
51 34.3 28.8 43.2



#16  
Acetone  
Concen: 101.109 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 43 Resp: 71992  
Ion Ratio Lower Upper  
43 100  
58 32.8 24.4 36.6

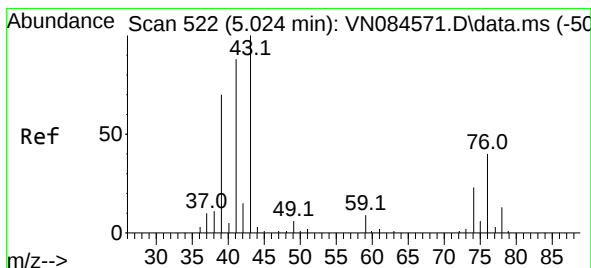
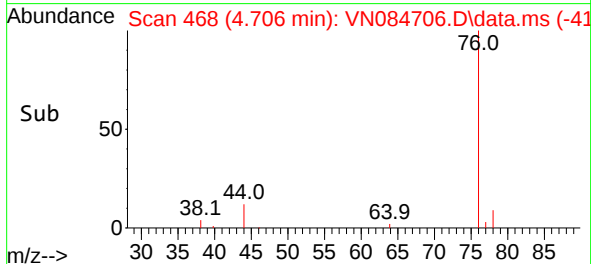
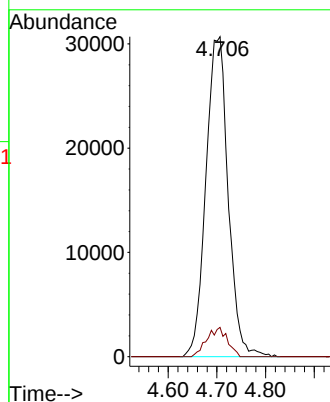
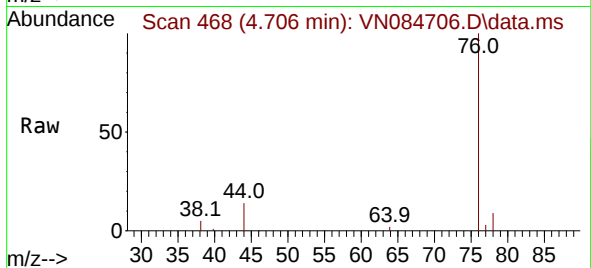




#17  
Carbon Disulfide  
Concen: 16.515 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

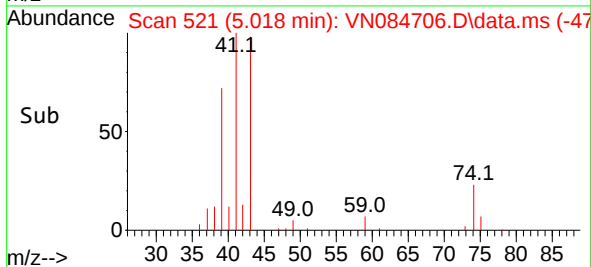
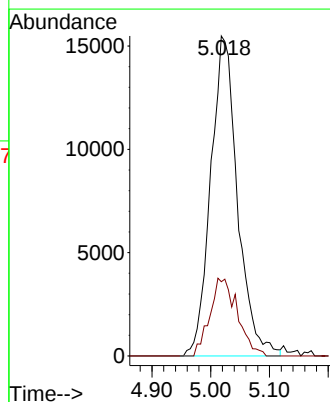
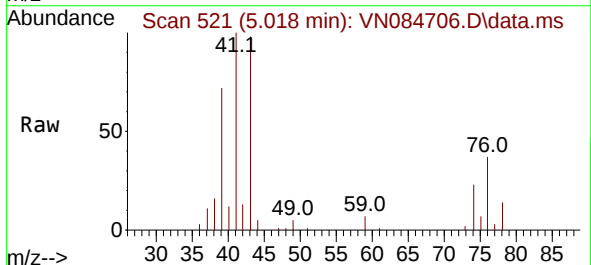
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

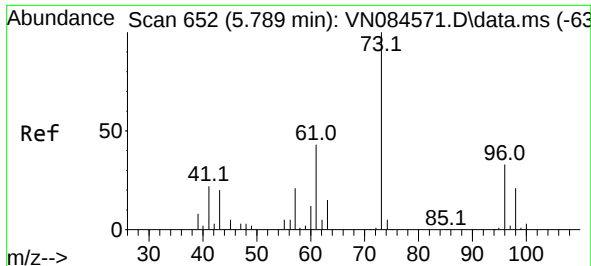
Tgt Ion: 76 Resp: 97210  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9



#18  
Methyl Acetate  
Concen: 16.551 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 43 Resp: 49168  
Ion Ratio Lower Upper  
43 100  
74 24.9 19.2 28.8

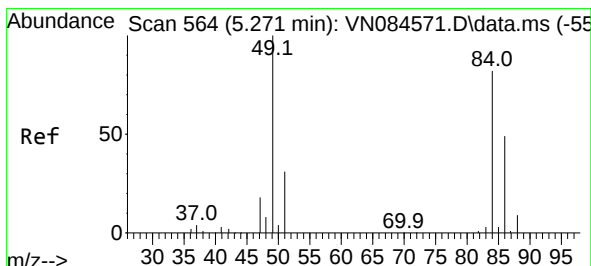
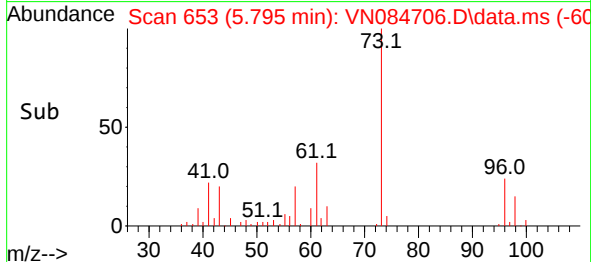
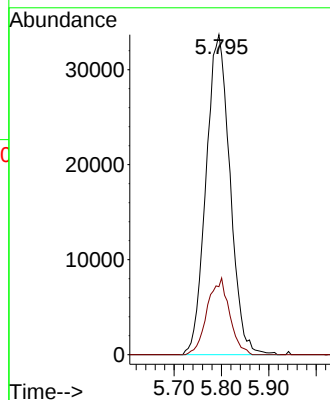
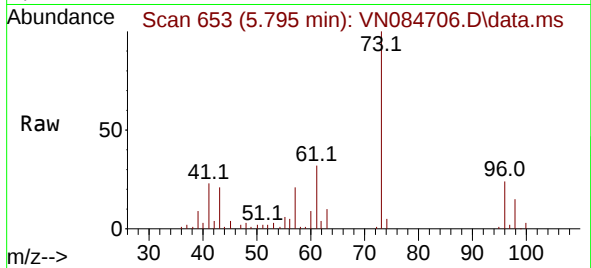




#19  
Methyl tert-butyl Ether  
Concen: 20.170 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

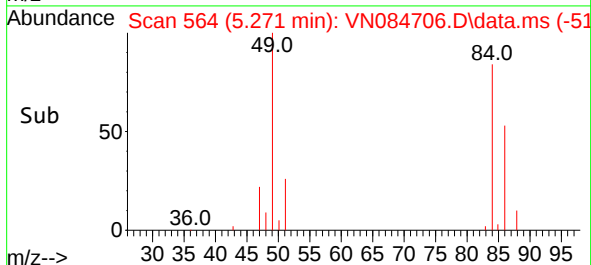
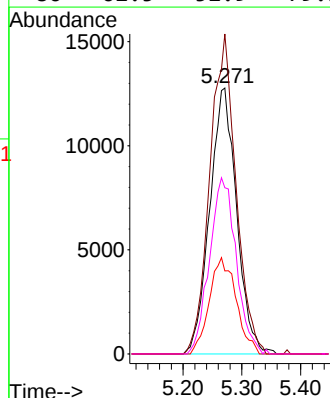
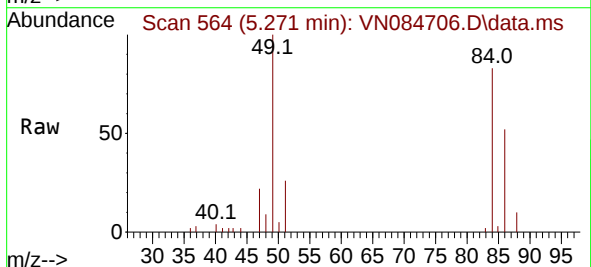
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

Tgt Ion: 73 Resp: 118162  
Ion Ratio Lower Upper  
73 100  
57 21.2 17.7 26.5



#20  
Methylene Chloride  
Concen: 19.028 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 84 Resp: 40570  
Ion Ratio Lower Upper  
84 100  
49 120.4 107.2 160.8  
51 31.2 31.8 47.8#  
86 62.5 52.9 79.3

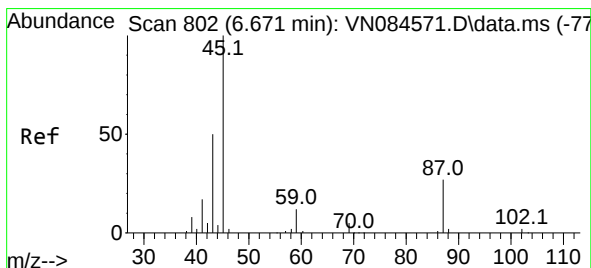
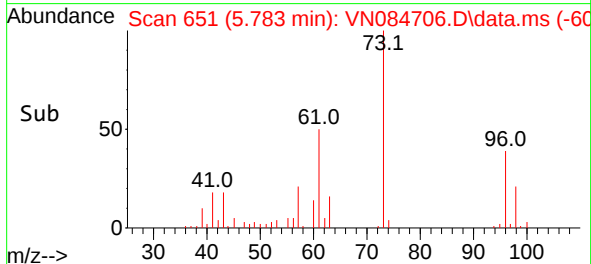
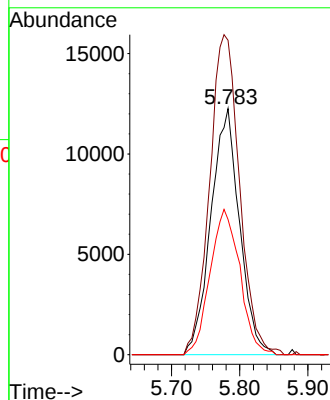
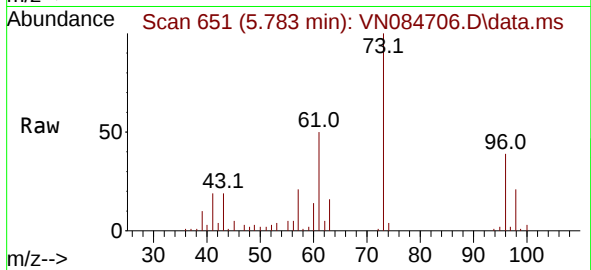




#21  
trans-1,2-Dichloroethene  
Concen: 18.247 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

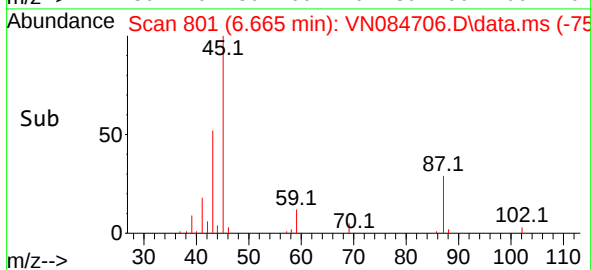
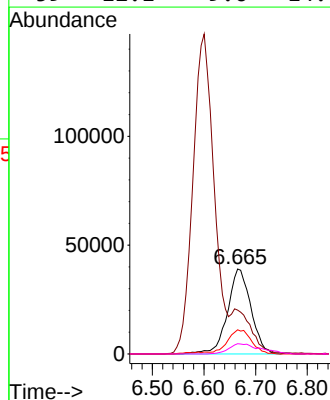
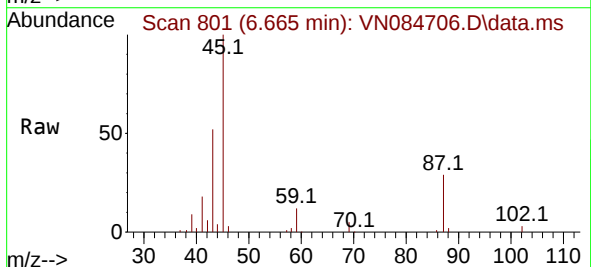
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

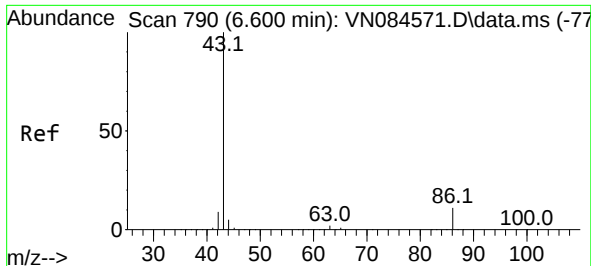
Tgt Ion: 96 Resp: 35812  
Ion Ratio Lower Upper  
96 100  
61 127.8 108.4 162.6  
98 54.9 49.8 74.8



#22  
Diisopropyl ether  
Concen: 19.880 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 45 Resp: 122447  
Ion Ratio Lower Upper  
45 100  
43 50.0 42.3 63.5  
87 28.5 21.8 32.6  
59 12.1 9.6 14.4

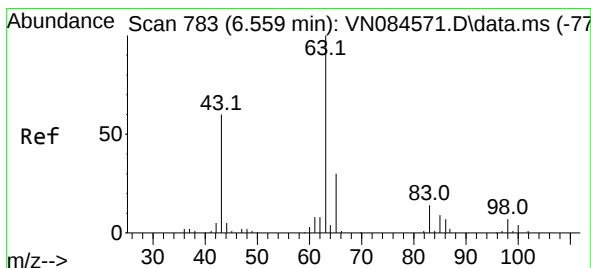
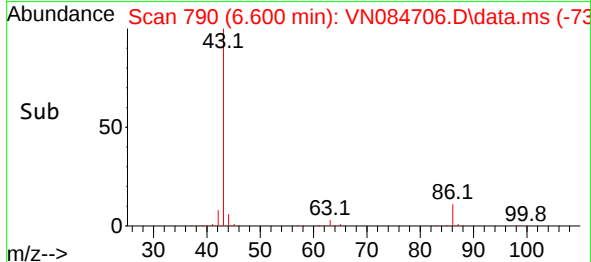
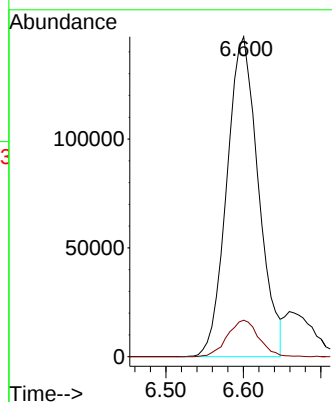
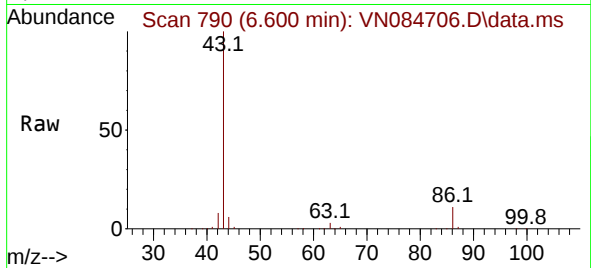




#23  
 Vinyl Acetate  
 Concen: 98.174 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN084706.D  
 Acq: 06 Nov 2024 13:14

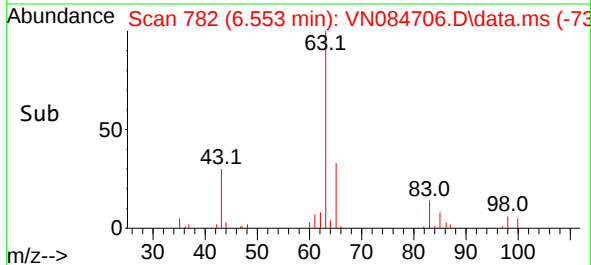
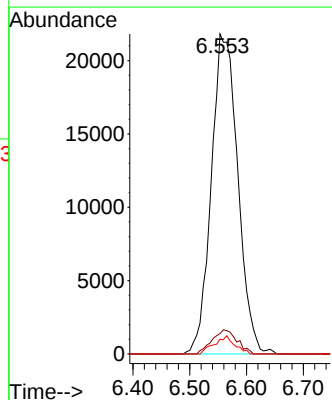
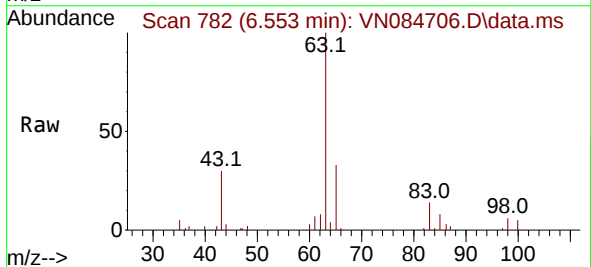
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1106WBS02

Tgt Ion: 43 Resp: 416993  
 Ion Ratio Lower Upper  
 43 100  
 86 11.4 8.6 12.8



#24  
 1,1-Dichloroethane  
 Concen: 19.124 ug/l  
 RT: 6.553 min Scan# 782  
 Delta R.T. -0.018 min  
 Lab File: VN084706.D  
 Acq: 06 Nov 2024 13:14

Tgt Ion: 63 Resp: 70719  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.4 10.2  
 100 4.6 2.0 5.8





#25

2-Butanone

Concen: 97.146 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

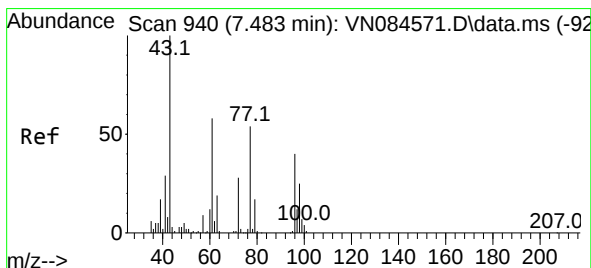
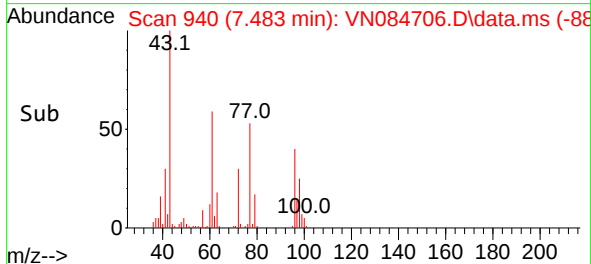
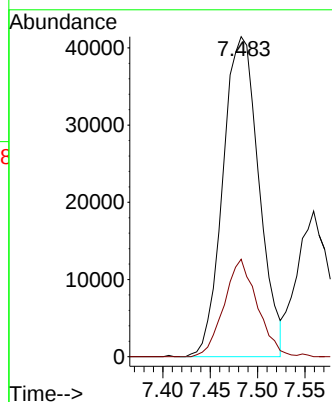
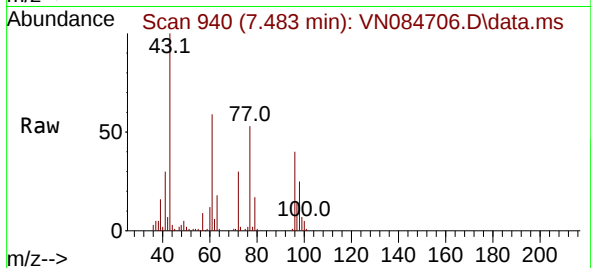
VN1106WBS02

Tgt Ion: 43 Resp: 109868

Ion Ratio Lower Upper

43 100

72 30.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.394 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN084706.D

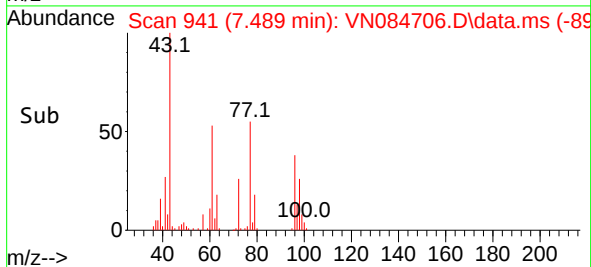
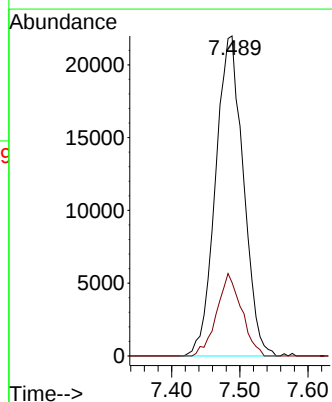
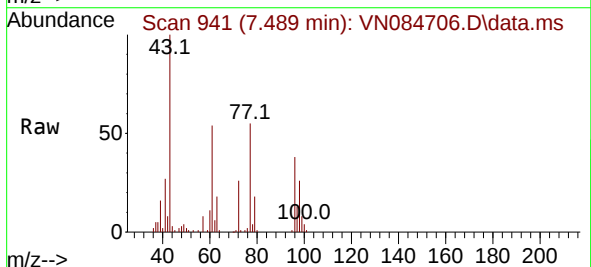
Acq: 06 Nov 2024 13:14

Tgt Ion: 77 Resp: 62418

Ion Ratio Lower Upper

77 100

97 23.0 10.8 32.3



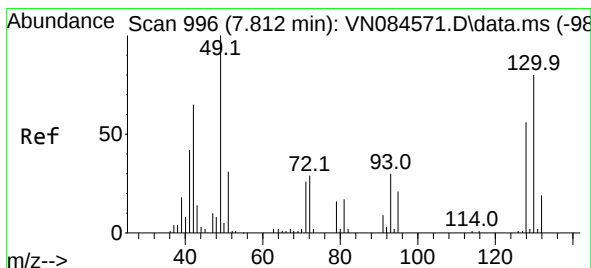
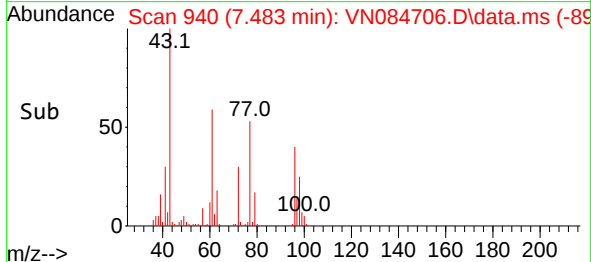
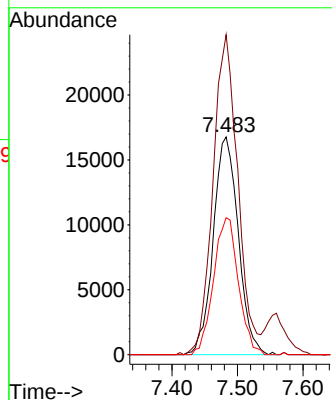
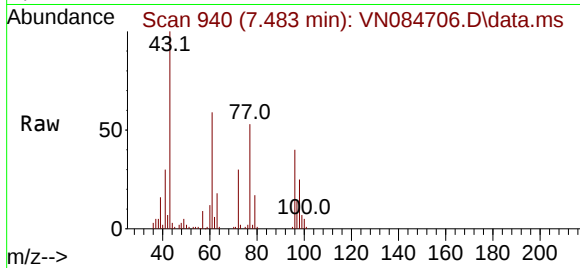


#27  
 cis-1,2-Dichloroethene  
 Concen: 19.427 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. -0.006 min  
 Lab File: VN084706.D  
 Acq: 06 Nov 2024 13:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1106WBS02

Tgt Ion: 96 Resp: 44521  

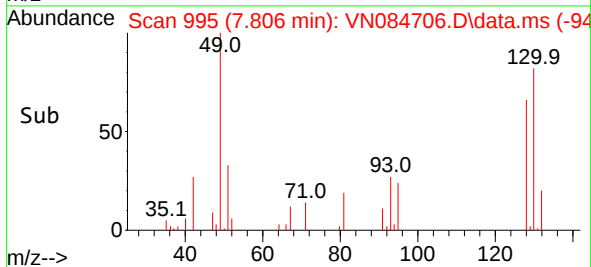
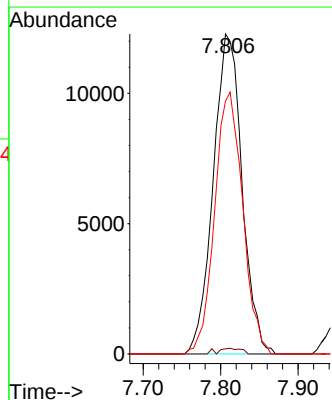
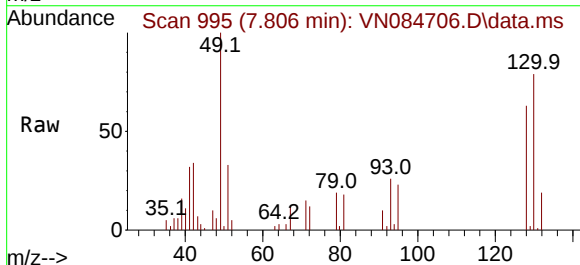
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 145.7 | 0.0   | 301.8 |
| 98  | 62.4  | 0.0   | 128.2 |

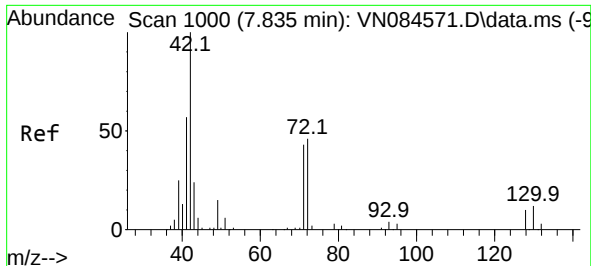


#28  
 Bromochloromethane  
 Concen: 21.553 ug/l  
 RT: 7.806 min Scan# 995  
 Delta R.T. -0.006 min  
 Lab File: VN084706.D  
 Acq: 06 Nov 2024 13:14

Tgt Ion: 49 Resp: 31754  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.2   | 0.0   | 3.6   |
| 130 | 79.8  | 58.0  | 87.0  |





#29

Tetrahydrofuran

Concen: 98.258 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBS02

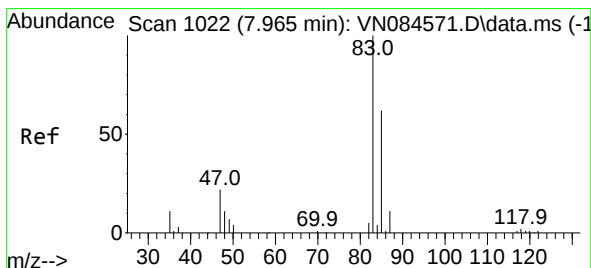
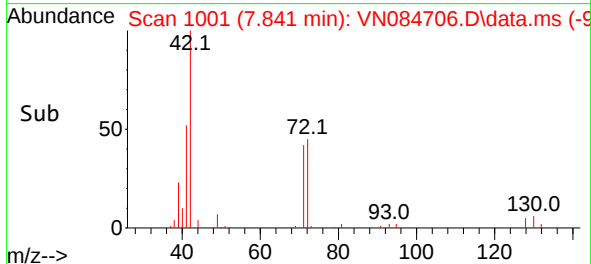
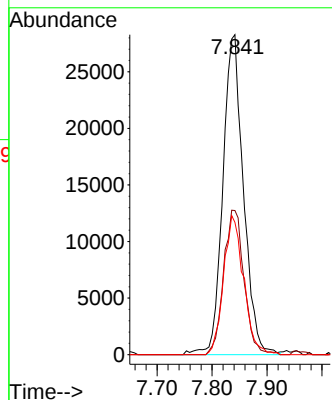
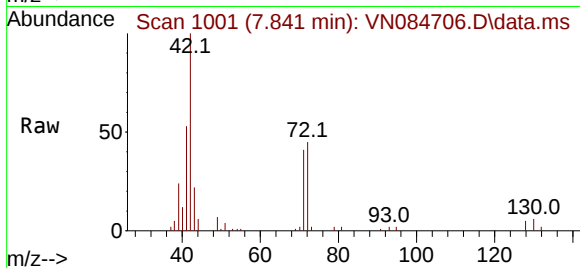
Tgt Ion: 42 Resp: 73723

Ion Ratio Lower Upper

42 100

72 44.7 34.6 51.8

71 42.3 32.2 48.4



#30

Chloroform

Concen: 19.594 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN084706.D

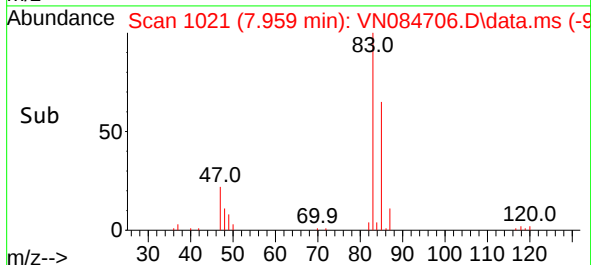
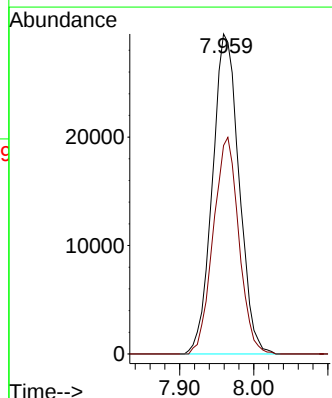
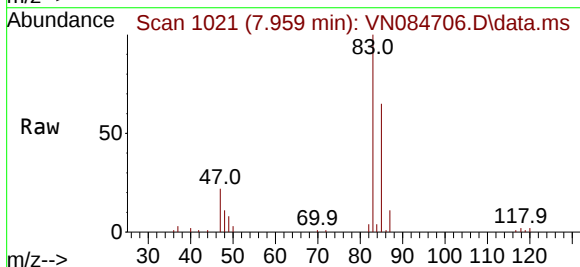
Acq: 06 Nov 2024 13:14

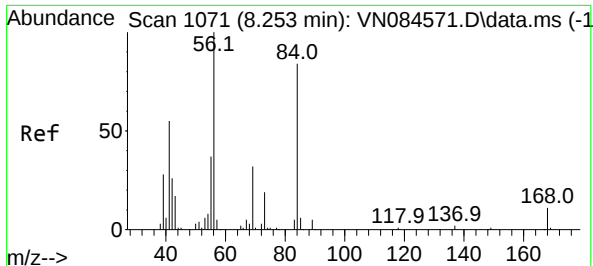
Tgt Ion: 83 Resp: 73745

Ion Ratio Lower Upper

83 100

85 65.1 51.0 76.4

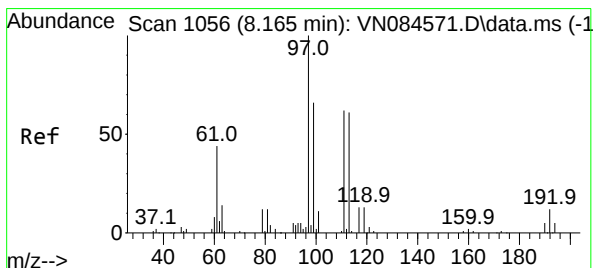
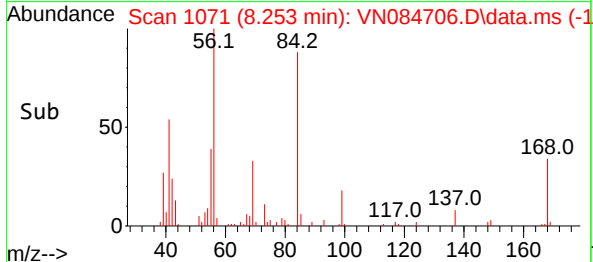
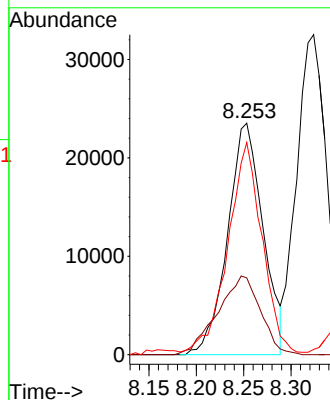
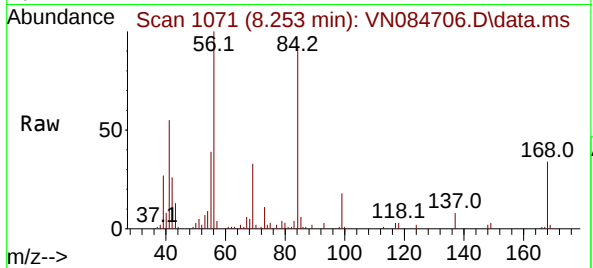




#31  
Cyclohexane  
Concen: 18.297 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

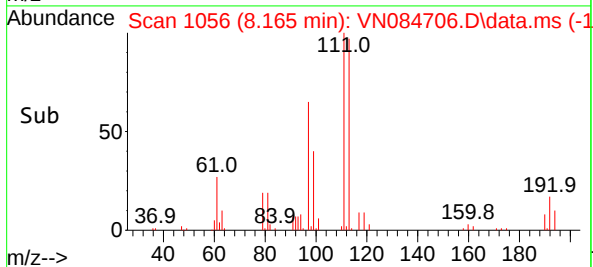
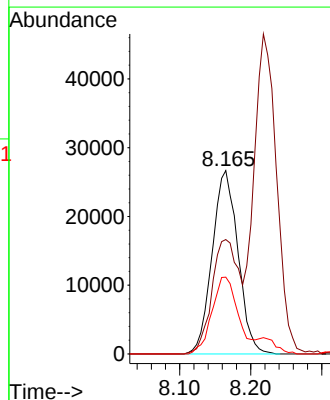
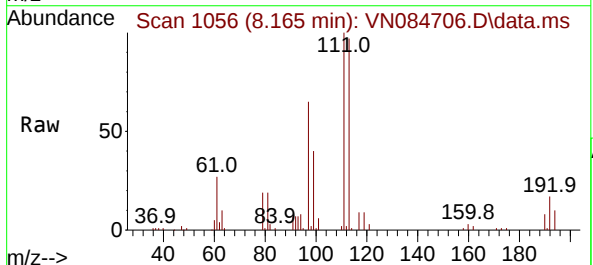
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

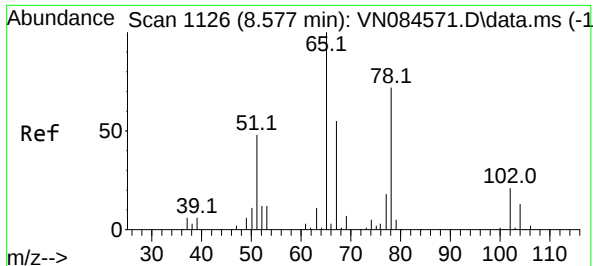
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 61238 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 32.4  | 23.8  | 35.6  |
| 84       | 90.4  | 68.8  | 103.2 |



#32  
1,1,1-Trichloroethane  
Concen: 19.637 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 67269 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 65.0  | 51.2  | 76.8  |
| 61       | 42.9  | 37.5  | 56.3  |

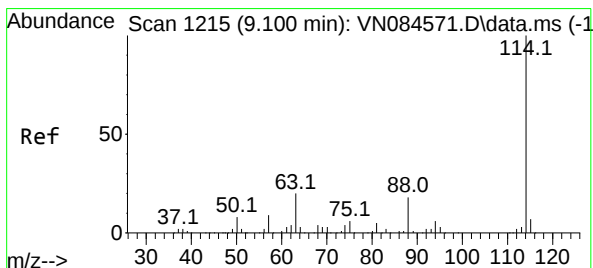
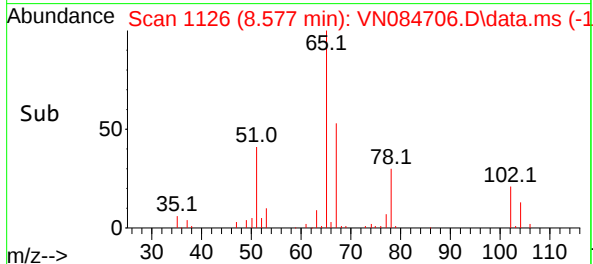
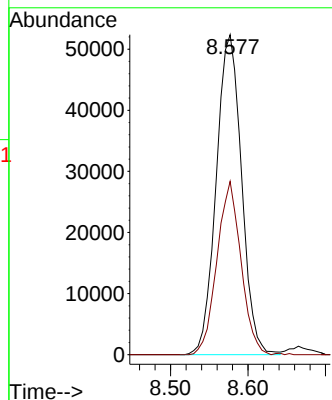
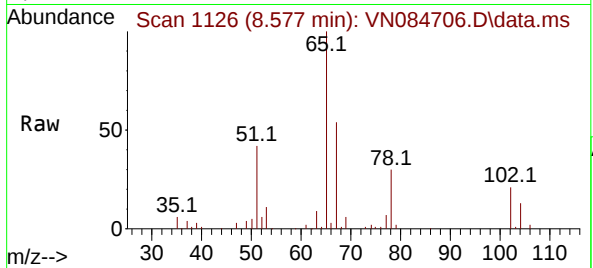




#33  
1,2-Dichloroethane-d4  
Concen: 49.124 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

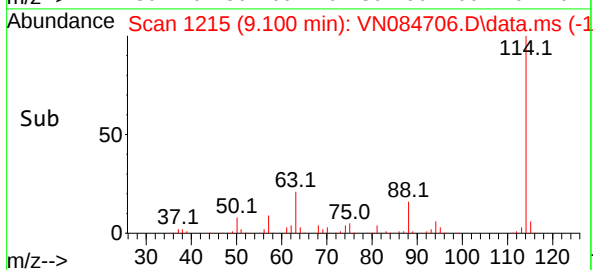
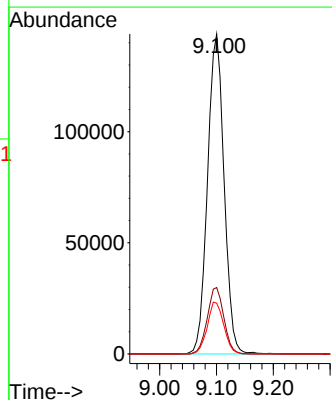
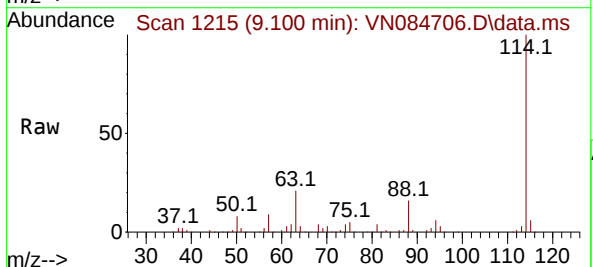
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

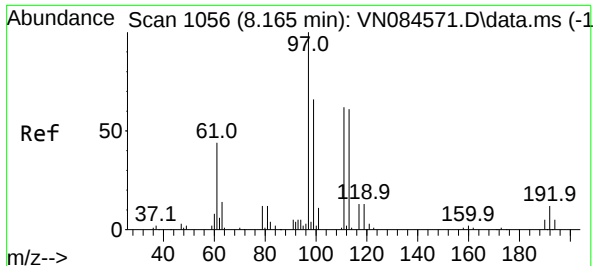
Tgt Ion: 65 Resp: 119087  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 102.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 114 Resp: 290171  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 43.8  
88 15.9 0.0 31.6

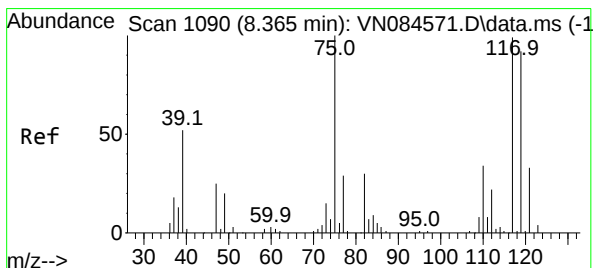
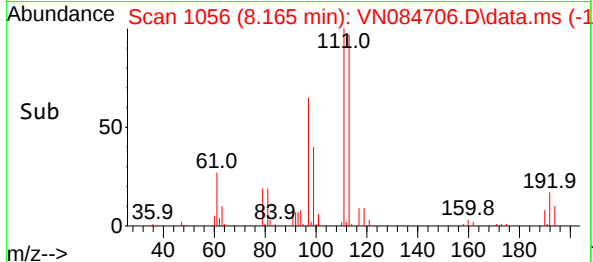
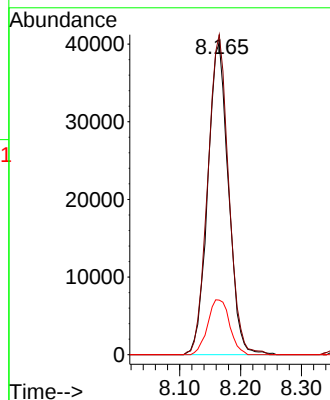
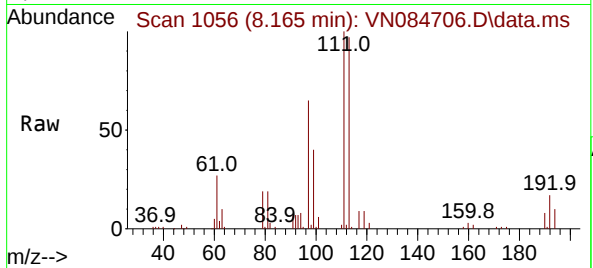




#35  
Dibromofluoromethane  
Concen: 48.236 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

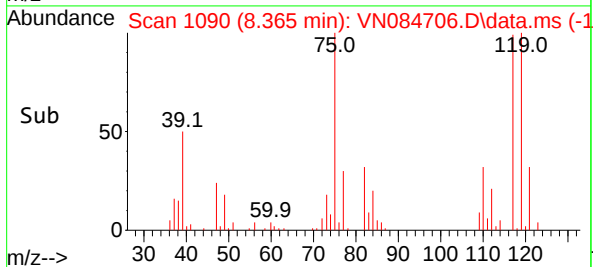
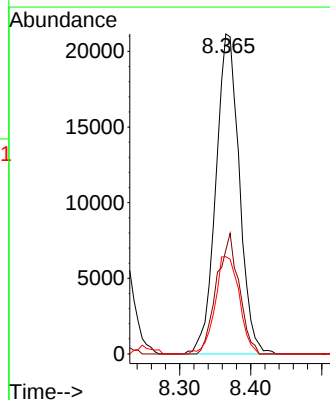
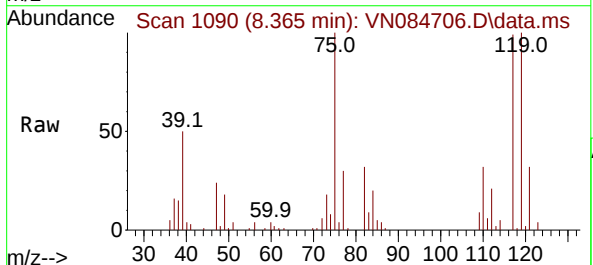
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

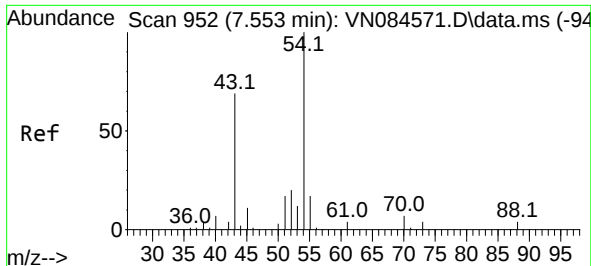
Tgt Ion:113 Resp: 94740  
Ion Ratio Lower Upper  
113 100  
111 103.9 83.3 124.9  
192 18.7 13.5 20.3



#36  
1,1-Dichloropropene  
Concen: 17.844 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 75 Resp: 48607  
Ion Ratio Lower Upper  
75 100  
110 35.7 16.9 50.7  
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 19.112 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBS02

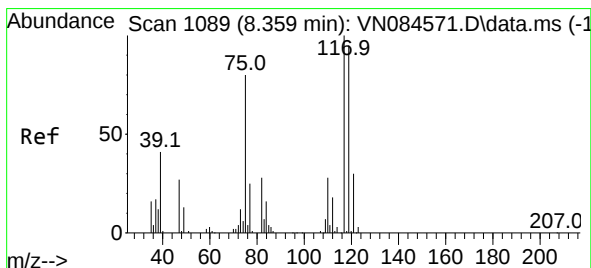
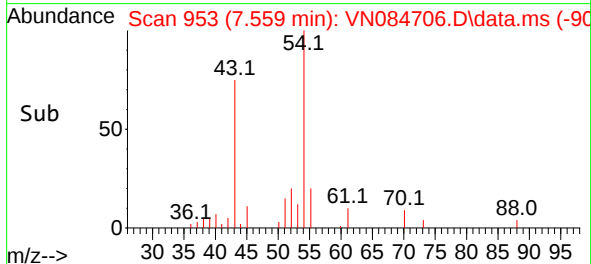
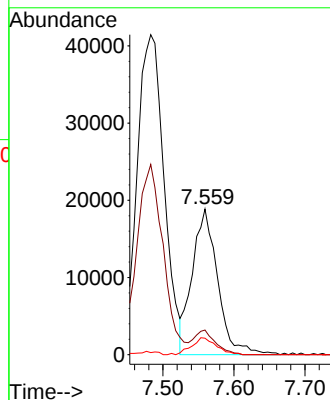
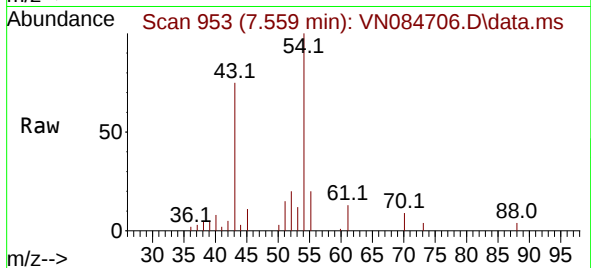
Tgt Ion: 43 Resp: 47235

Ion Ratio Lower Upper

43 100

61 14.0 10.7 16.1

70 11.2 8.8 13.2



#38

Carbon Tetrachloride

Concen: 18.974 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

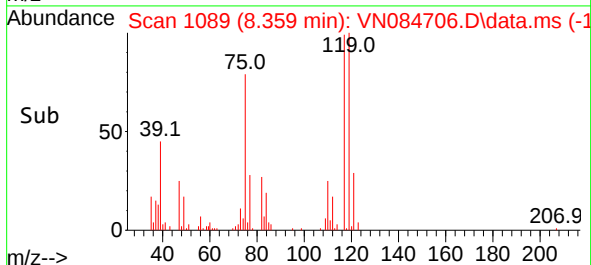
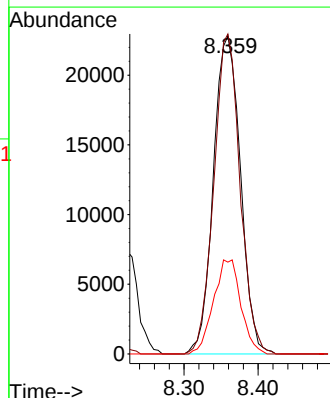
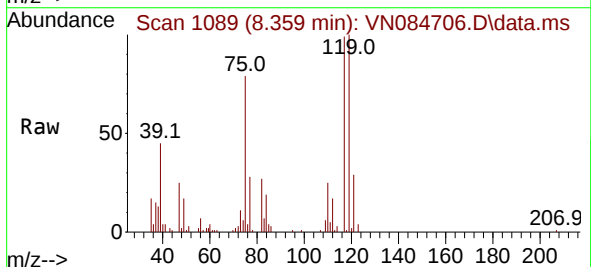
Tgt Ion: 117 Resp: 57771

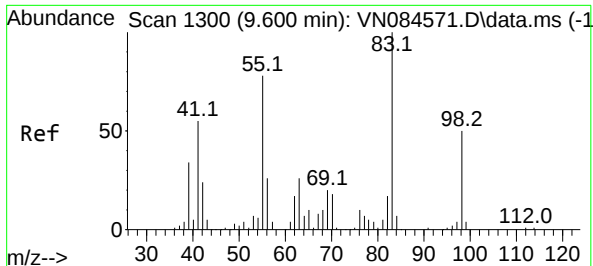
Ion Ratio Lower Upper

117 100

119 100.6 78.7 118.1

121 28.9 24.4 36.6





#39

Methylcyclohexane

Concen: 18.113 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBS02

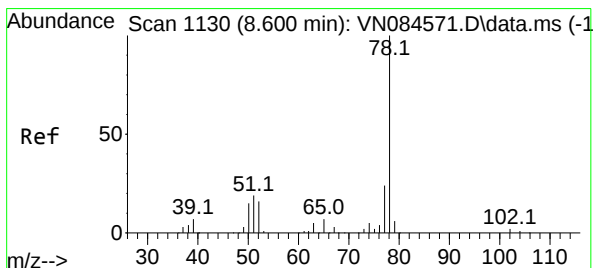
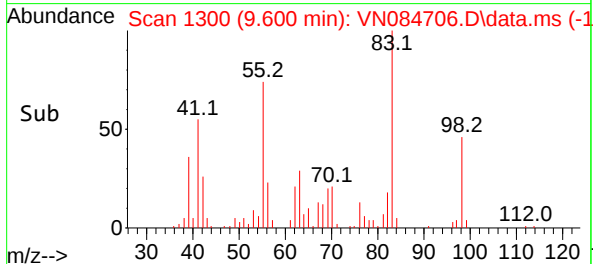
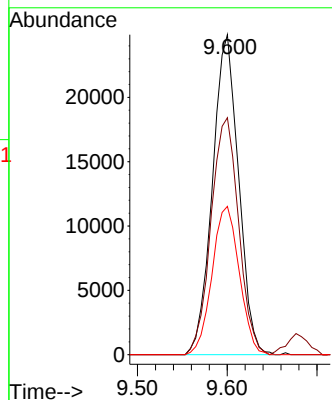
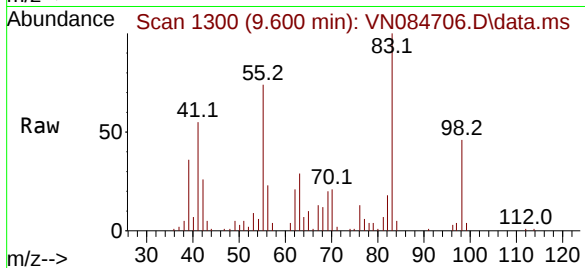
Tgt Ion: 83 Resp: 50195

Ion Ratio Lower Upper

83 100

55 74.0 62.8 94.2

98 46.4 38.8 58.2



#40

Benzene

Concen: 18.331 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084706.D

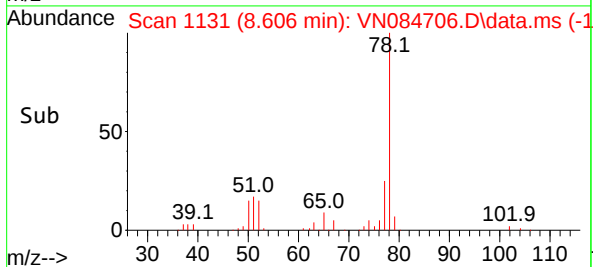
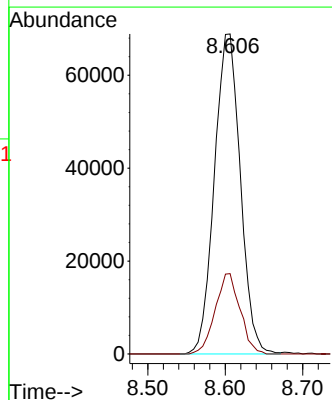
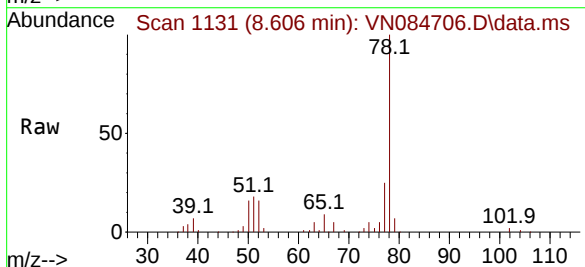
Acq: 06 Nov 2024 13:14

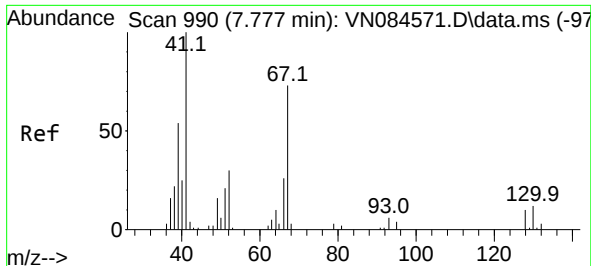
Tgt Ion: 78 Resp: 160359

Ion Ratio Lower Upper

78 100

77 25.1 19.1 28.7

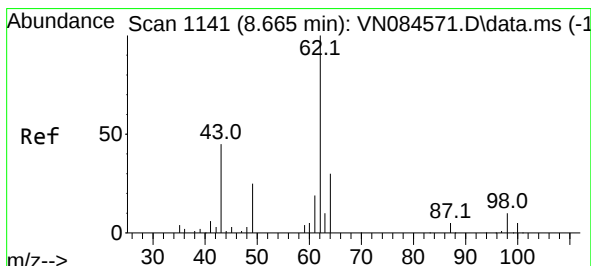
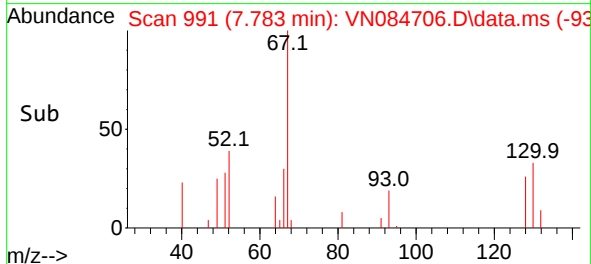
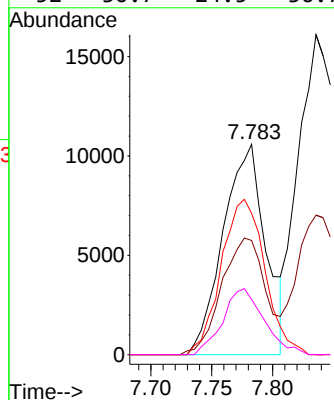
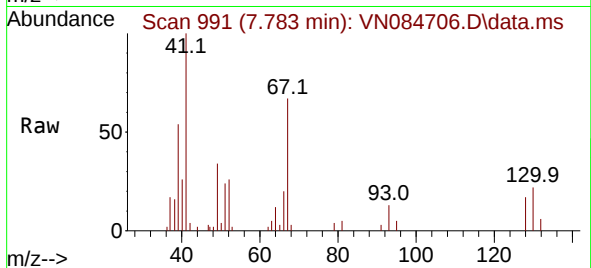




#41  
Methacrylonitrile  
Concen: 19.261 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

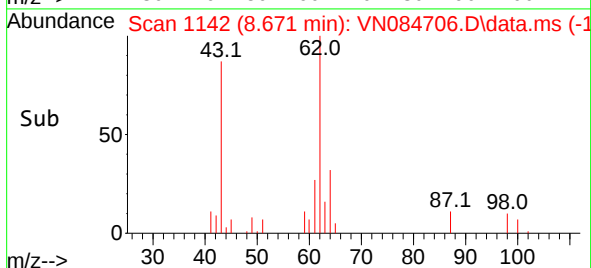
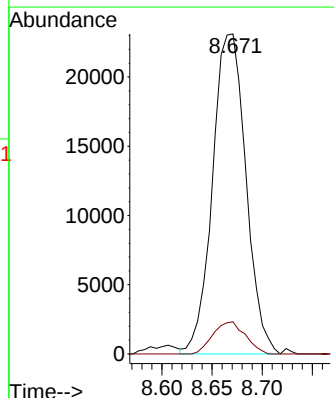
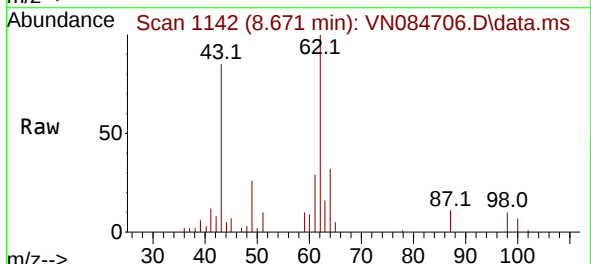
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

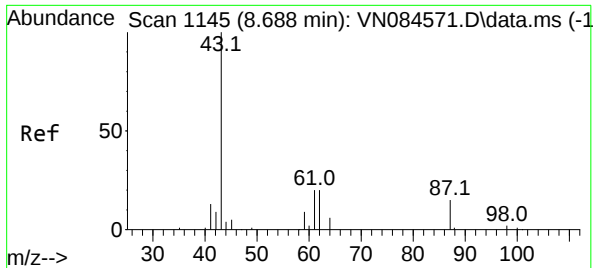
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 25599 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.9  | 43.3  | 64.9  |
| 67       | 76.1  | 56.1  | 84.1  |
| 52       | 30.7  | 24.5  | 36.7  |



#42  
1,2-Dichloroethane  
Concen: 18.923 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 53611 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.7   | 0.0   | 18.2  |

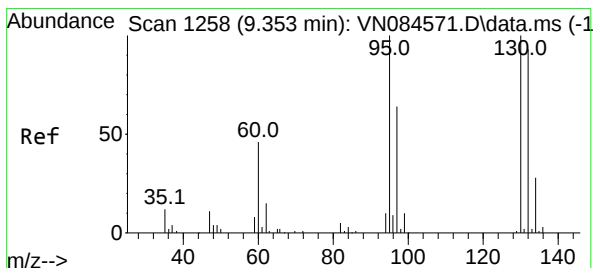
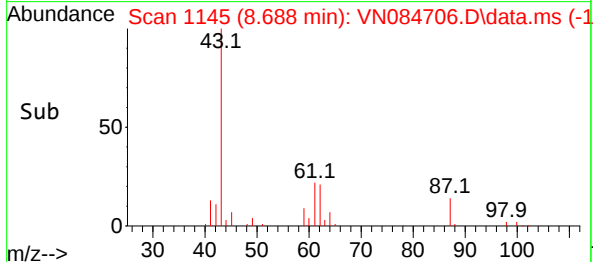
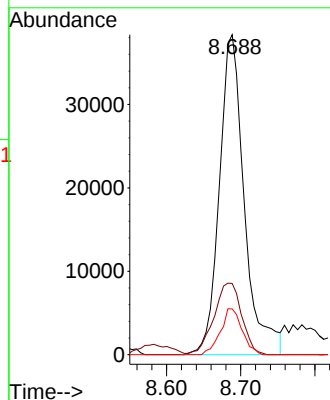
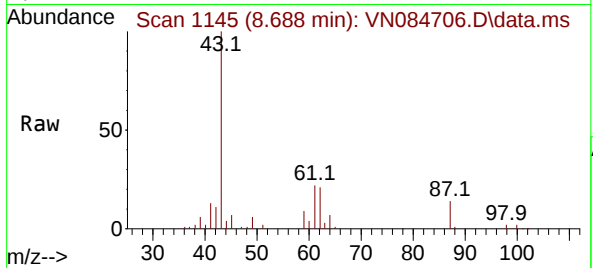




#43  
Isopropyl Acetate  
Concen: 19.088 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

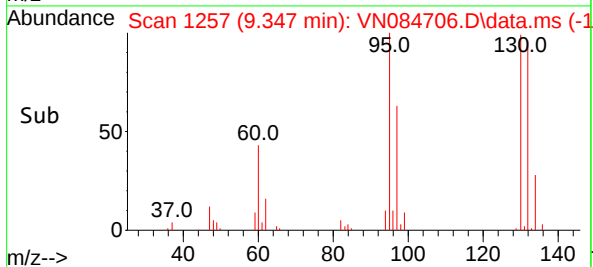
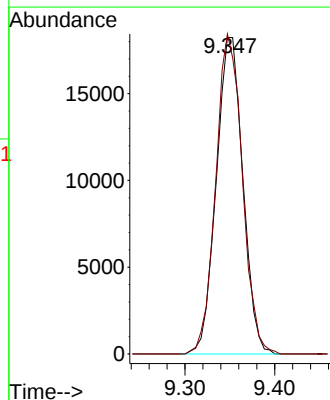
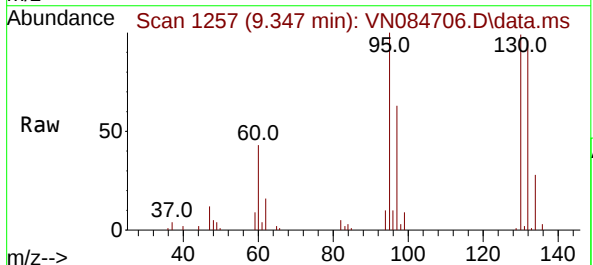
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

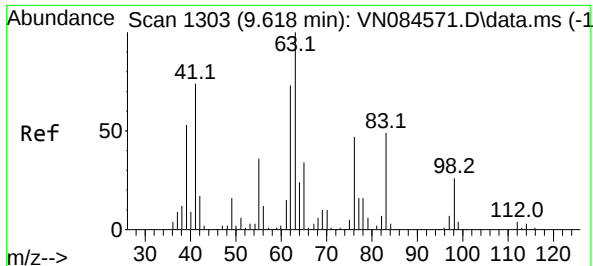
Tgt Ion: 43 Resp: 89875  
Ion Ratio Lower Upper  
43 100  
61 24.8 20.4 30.6  
87 12.5 10.3 15.5



#44  
Trichloroethene  
Concen: 18.587 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion:130 Resp: 37499  
Ion Ratio Lower Upper  
130 100  
95 101.1 0.0 203.0





#45

1,2-Dichloropropane

Concen: 18.389 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

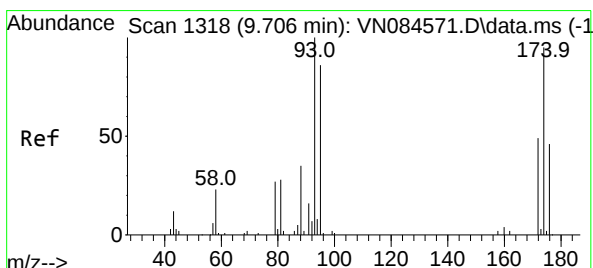
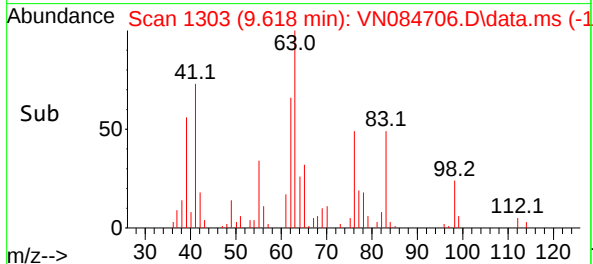
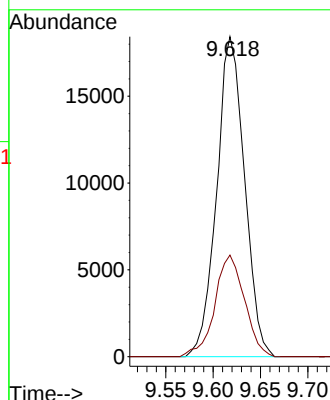
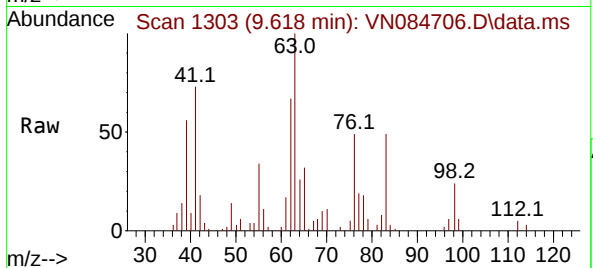
VN1106WBS02

Tgt Ion: 63 Resp: 37737

Ion Ratio Lower Upper

63 100

65 31.8 24.6 37.0



#46

Dibromomethane

Concen: 18.815 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

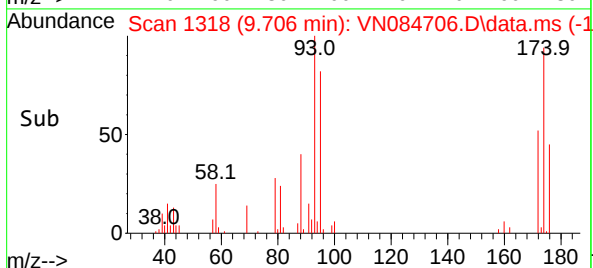
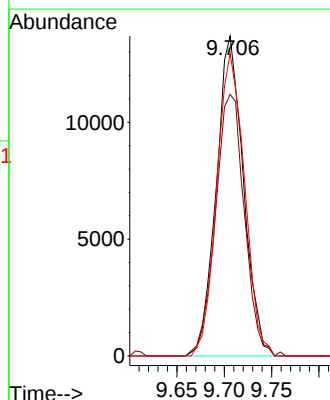
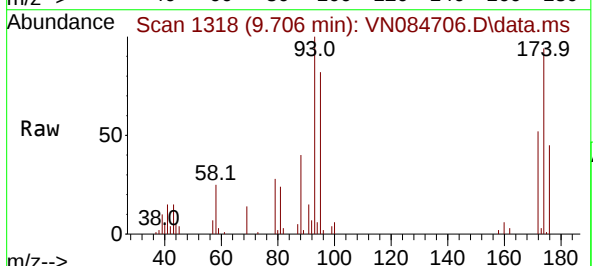
Tgt Ion: 93 Resp: 27245

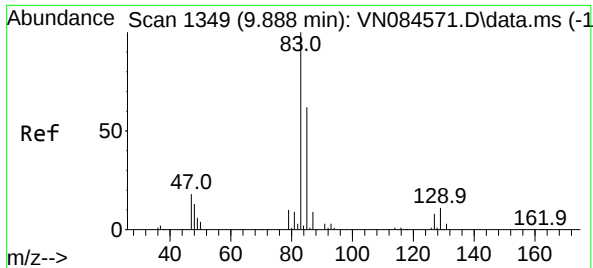
Ion Ratio Lower Upper

93 100

95 87.3 65.0 97.4

174 96.7 71.8 107.8

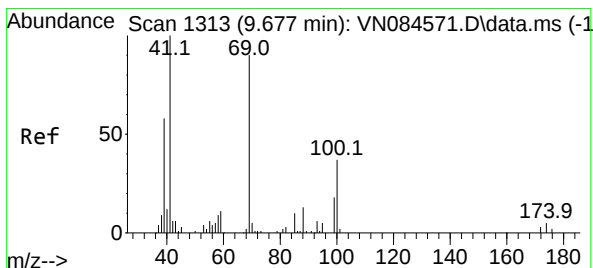
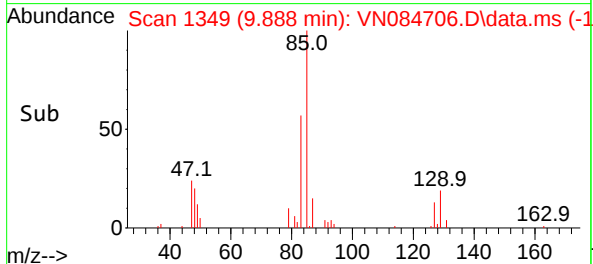
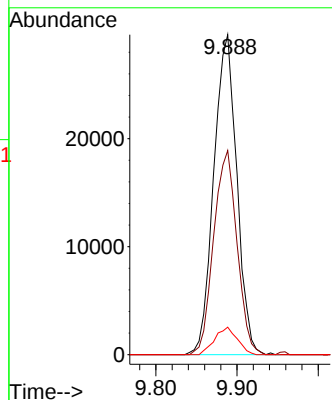
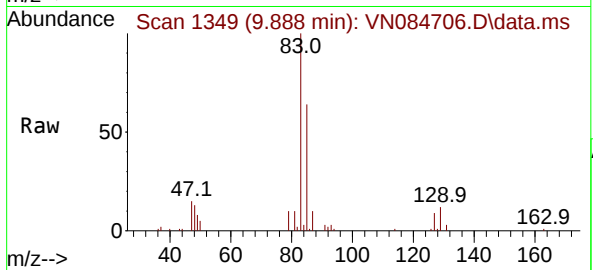




#47  
Bromodichloromethane  
Concen: 19.119 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

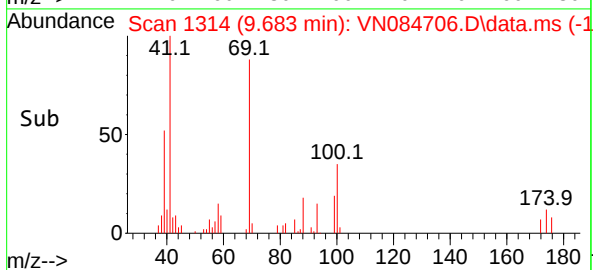
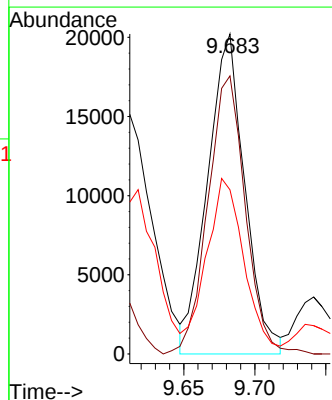
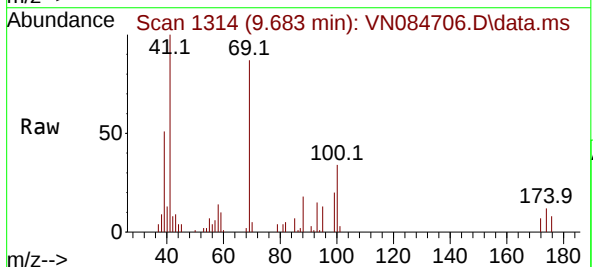
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

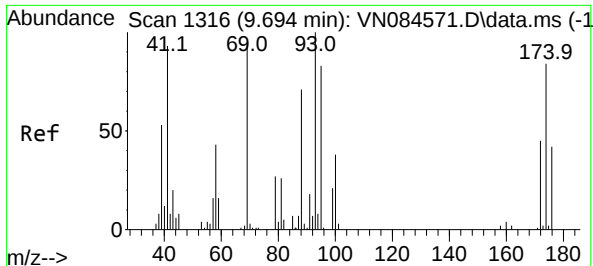
Tgt Ion: 83 Resp: 58359  
Ion Ratio Lower Upper  
83 100  
85 63.8 51.5 77.3  
127 8.6 5.7 8.5#



#48  
Methyl methacrylate  
Concen: 19.141 ug/l  
RT: 9.683 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 41 Resp: 36817  
Ion Ratio Lower Upper  
41 100  
69 87.4 67.1 100.7  
39 56.1 45.8 68.6





#49

1,4-Dioxane

Concen: 397.596 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBS02

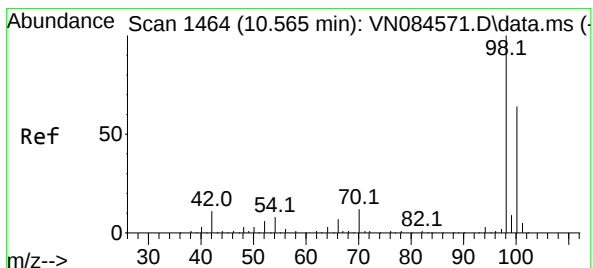
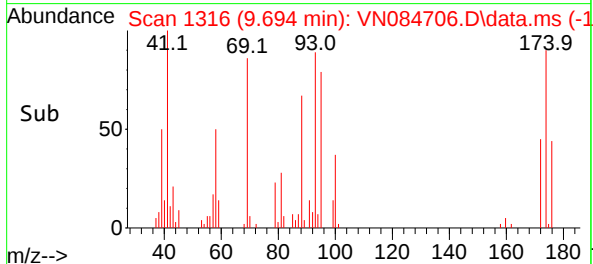
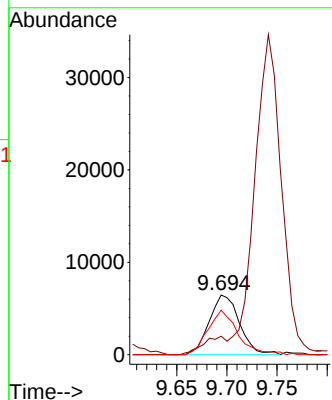
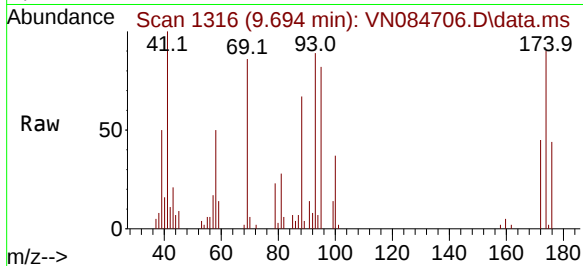
Tgt Ion: 88 Resp: 13552

Ion Ratio Lower Upper

88 100

43 0.0 25.3 37.9#

58 74.0 56.4 84.6



#50

Toluene-d8

Concen: 47.819 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084706.D

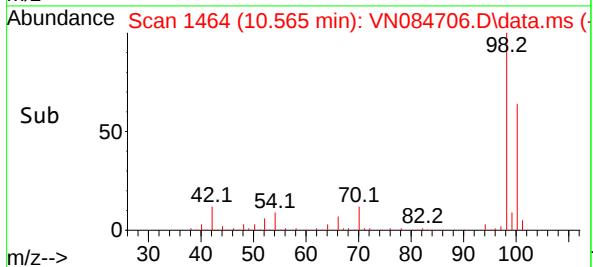
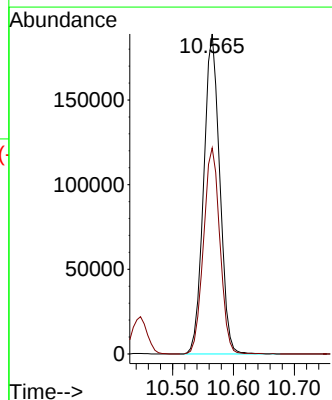
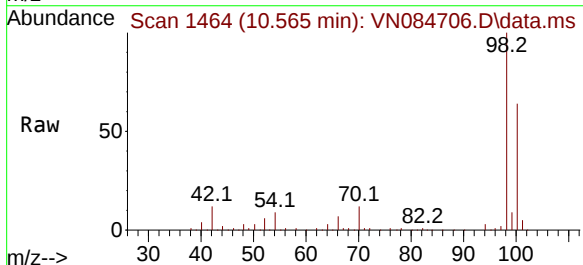
Acq: 06 Nov 2024 13:14

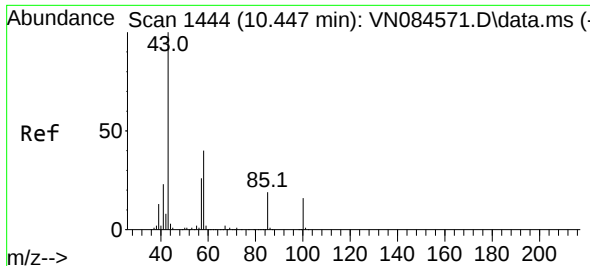
Tgt Ion: 98 Resp: 345977

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1

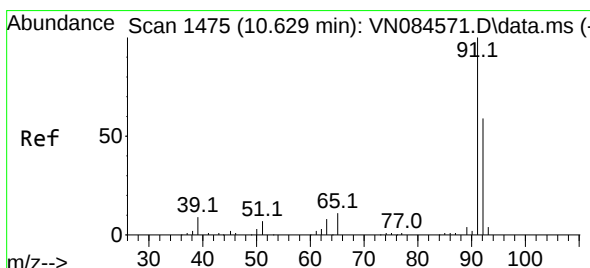
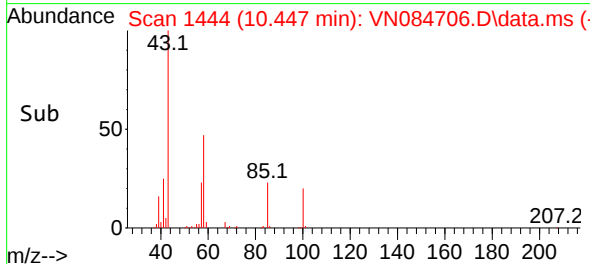
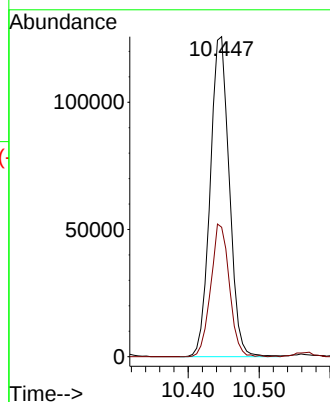
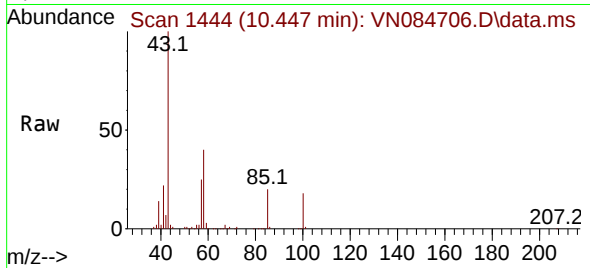




#51  
4-Methyl-2-Pentanone  
Concen: 99.614 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

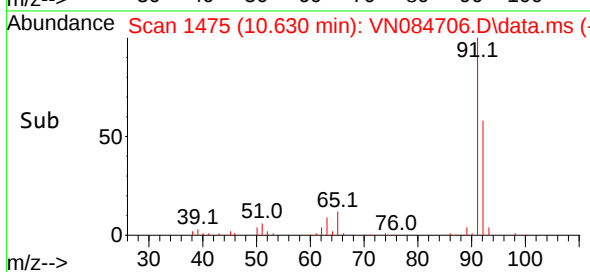
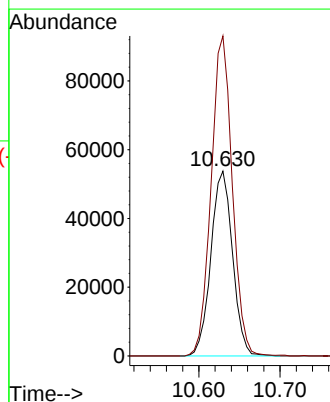
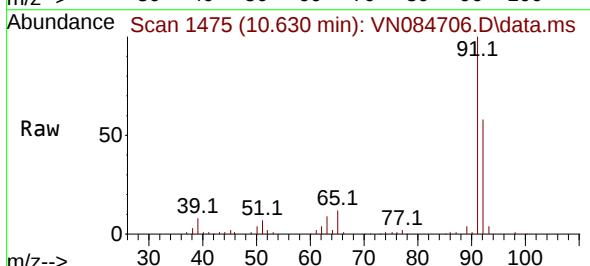
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

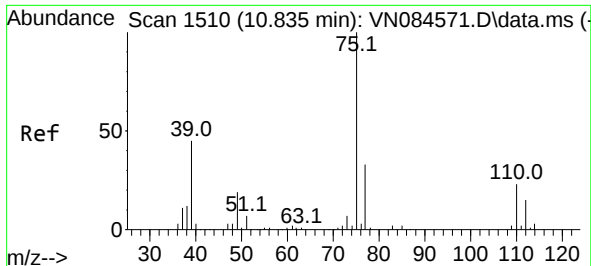
Tgt Ion: 43 Resp: 234693  
Ion Ratio Lower Upper  
43 100  
58 40.4 31.6 47.4



#52  
Toluene  
Concen: 19.483 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 92 Resp: 99678  
Ion Ratio Lower Upper  
92 100  
91 169.3 137.3 205.9

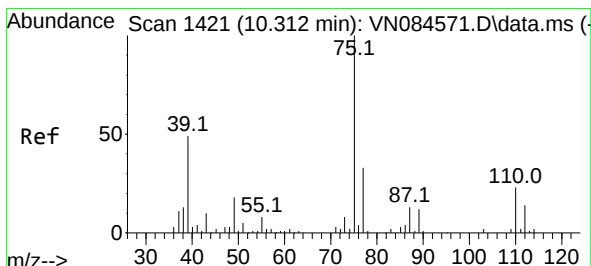
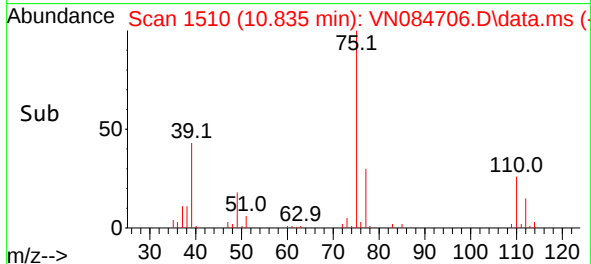
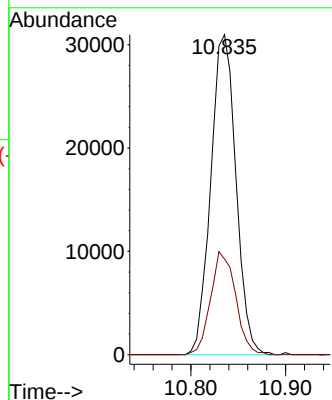
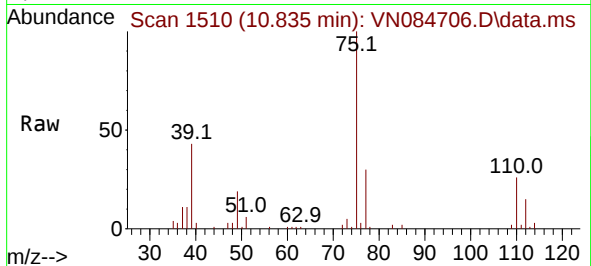




#53  
t-1,3-Dichloropropene  
Concen: 18.156 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

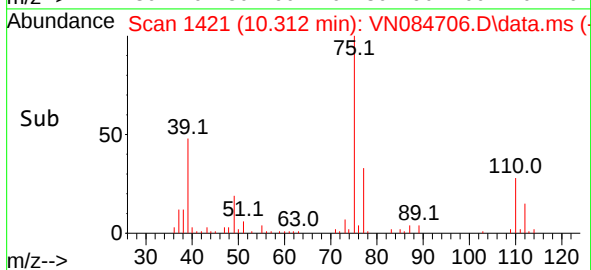
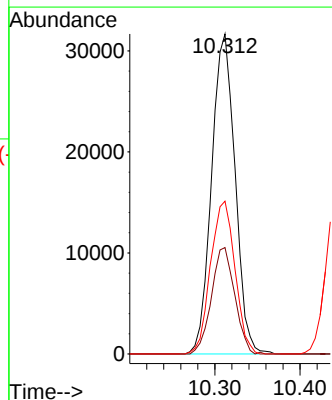
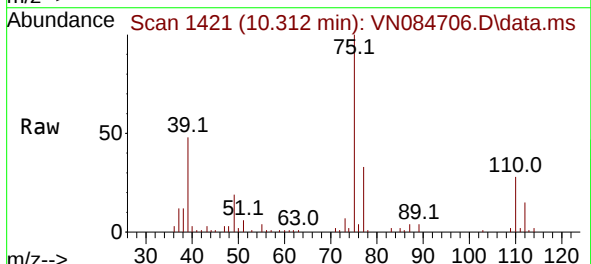
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

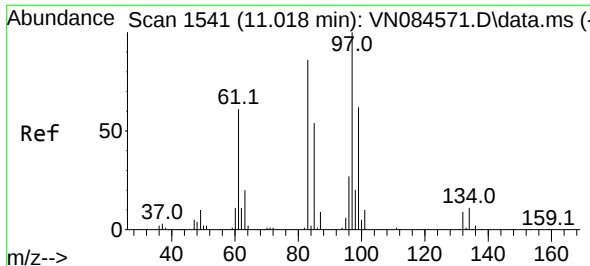
Tgt Ion: 75 Resp: 57365  
Ion Ratio Lower Upper  
75 100  
77 29.9 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 18.138 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 75 Resp: 60654  
Ion Ratio Lower Upper  
75 100  
77 33.3 24.2 36.2  
39 47.8 38.7 58.1

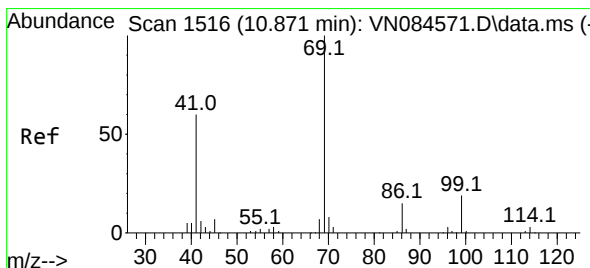
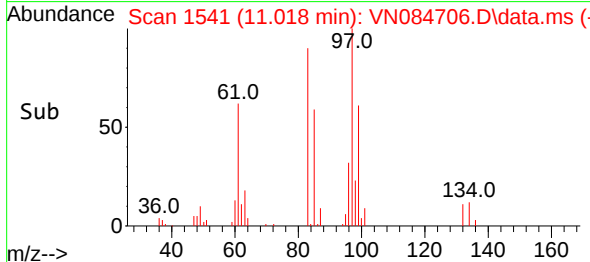
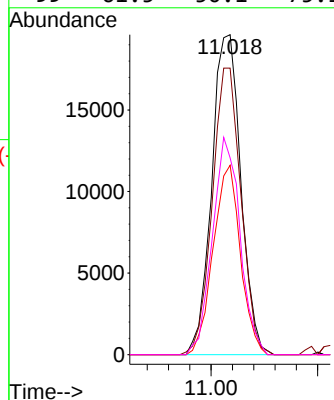
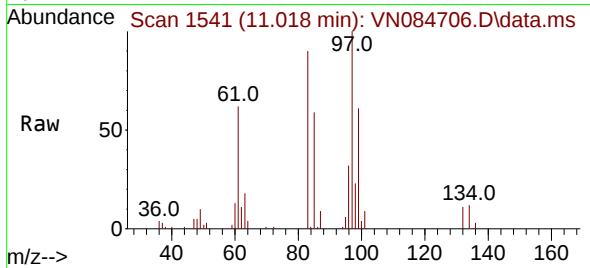




#55  
1,1,2-Trichloroethane  
Concen: 19.273 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. 0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

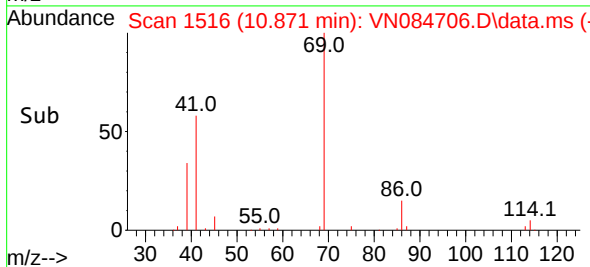
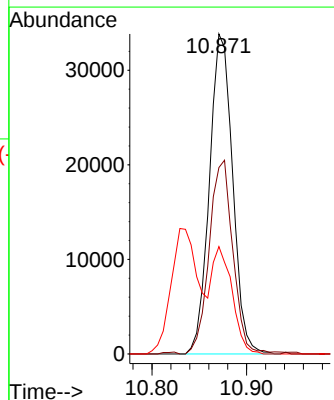
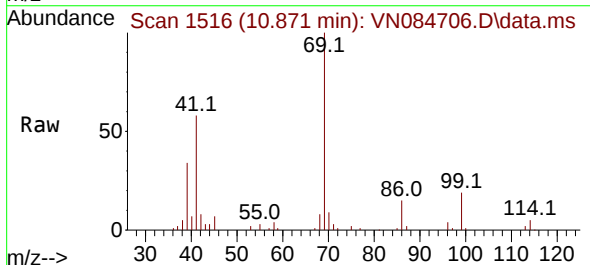
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

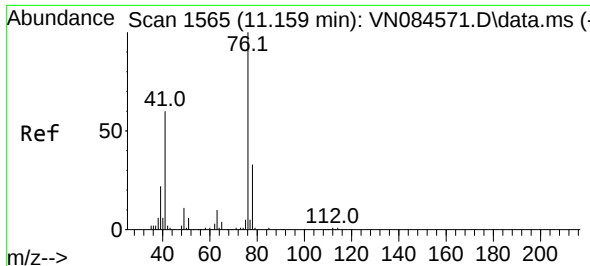
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 37144 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.6  | 71.0  | 106.4 |
| 85       | 59.2  | 41.7  | 62.5  |
| 99       | 61.5  | 50.1  | 75.1  |



#56  
Ethyl methacrylate  
Concen: 20.677 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 57639 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.3  | 53.3  | 79.9  |
| 39       | 28.4  | 28.8  | 43.2  |

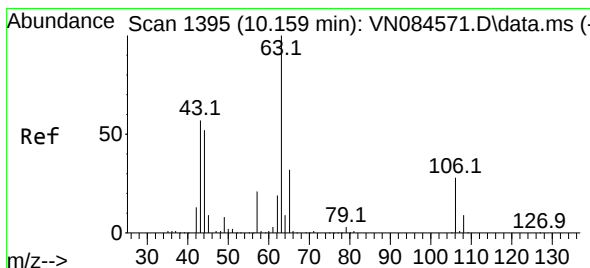
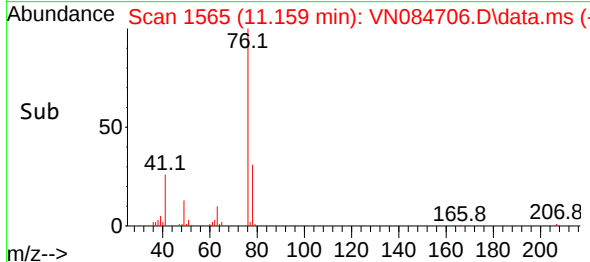
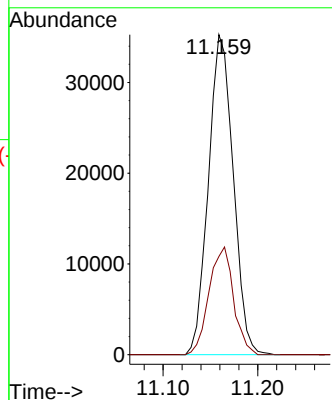
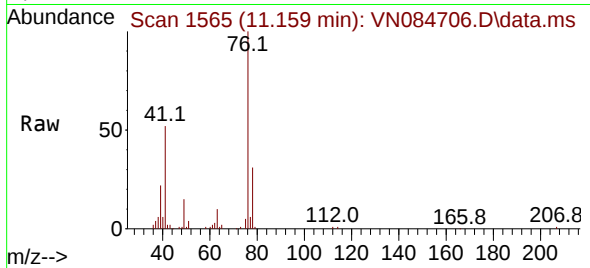




#57  
1,3-Dichloropropane  
Concen: 19.417 ug/l  
RT: 11.159 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

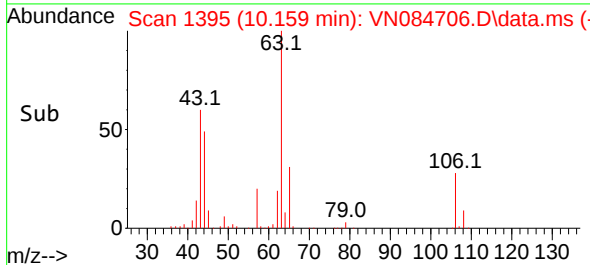
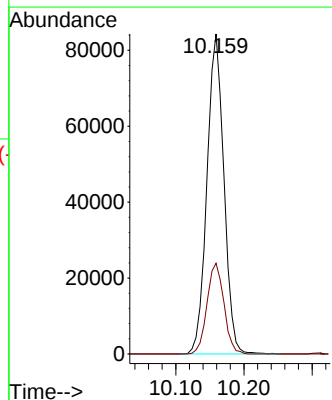
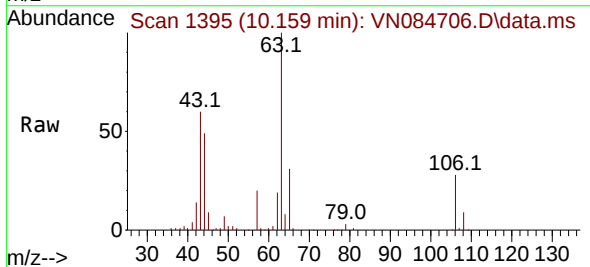
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

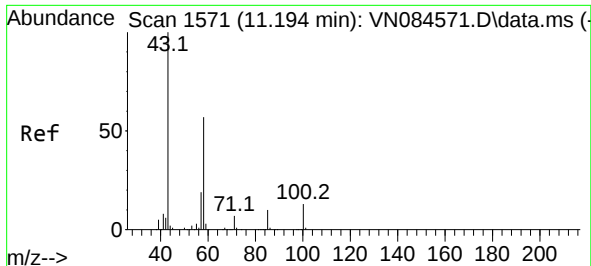
Tgt Ion: 76 Resp: 64223  
Ion Ratio Lower Upper  
76 100  
78 33.2 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 111.661 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 63 Resp: 145654  
Ion Ratio Lower Upper  
63 100  
106 28.3 21.8 32.6

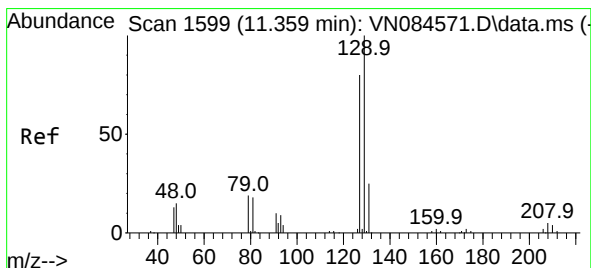
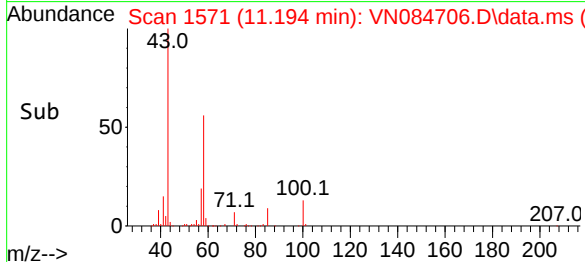
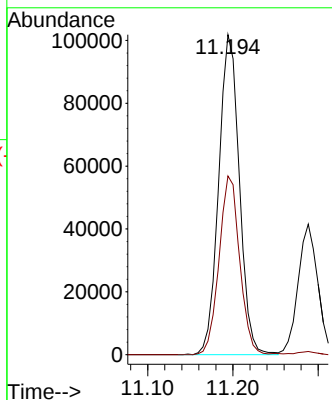
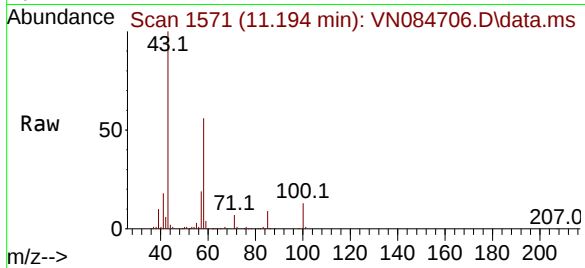




#59  
2-Hexanone  
Concen: 100.174 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

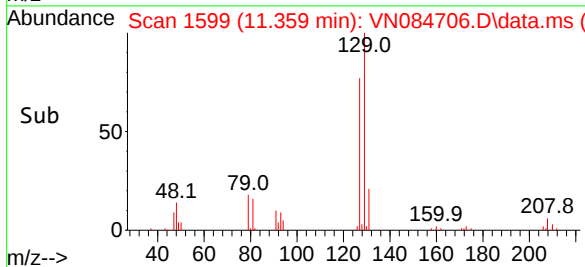
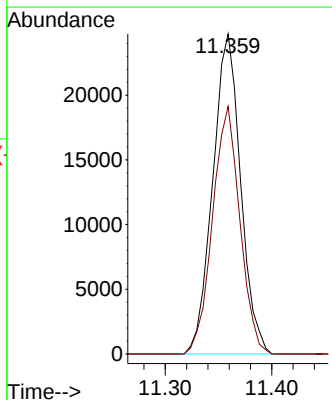
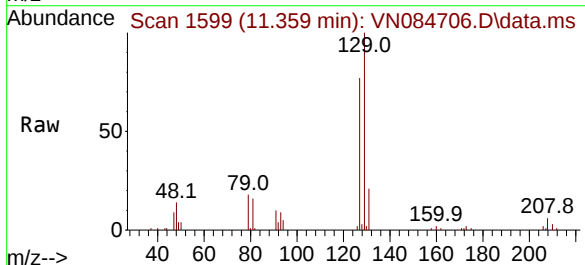
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

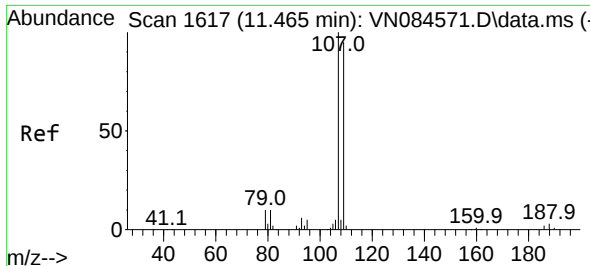
Tgt Ion: 43 Resp: 171790  
Ion Ratio Lower Upper  
43 100  
58 55.7 27.3 81.8



#60  
Dibromochloromethane  
Concen: 20.441 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion:129 Resp: 44898  
Ion Ratio Lower Upper  
129 100  
127 75.7 38.3 114.9

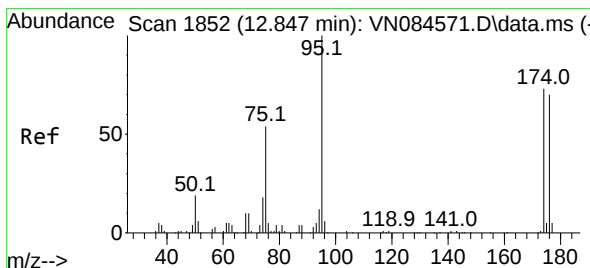
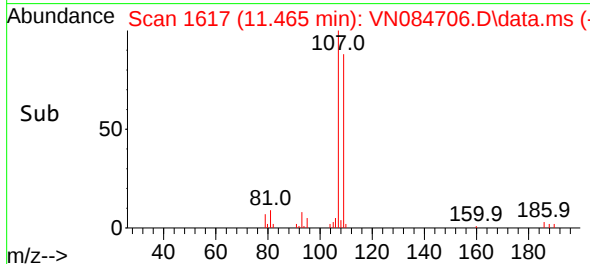
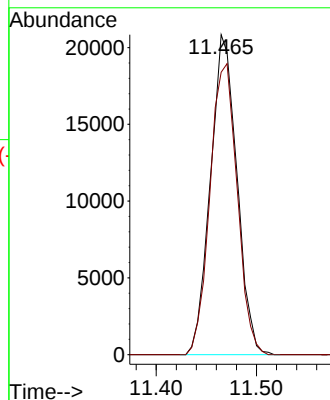
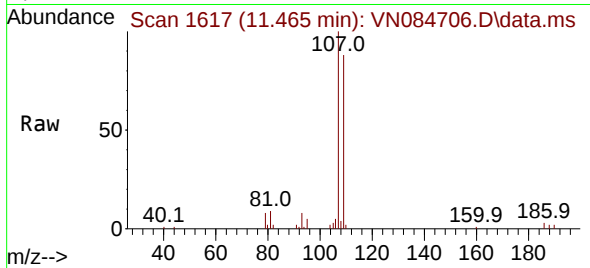




#61  
1,2-Dibromoethane  
Concen: 19.358 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

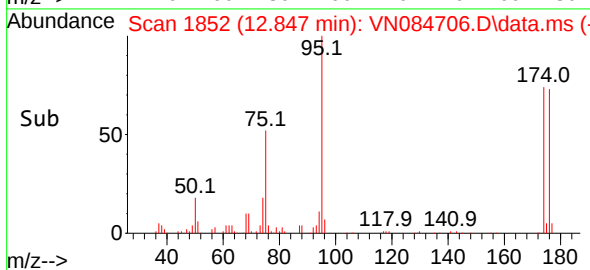
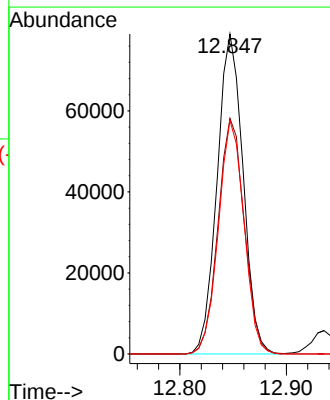
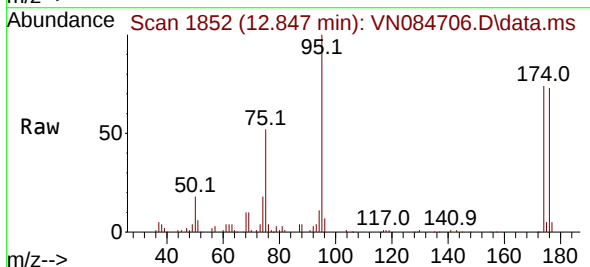
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

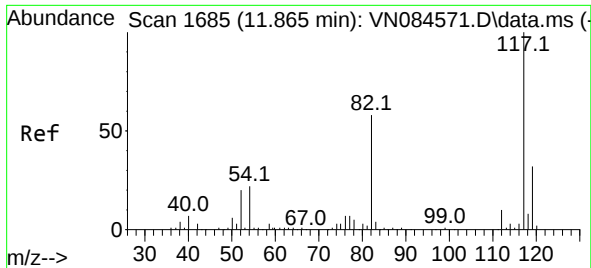
Tgt Ion:107 Resp: 38204  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.4 113.0



#62  
4-Bromofluorobenzene  
Concen: 49.318 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 95 Resp: 133356  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 145.2  
176 72.0 0.0 140.0

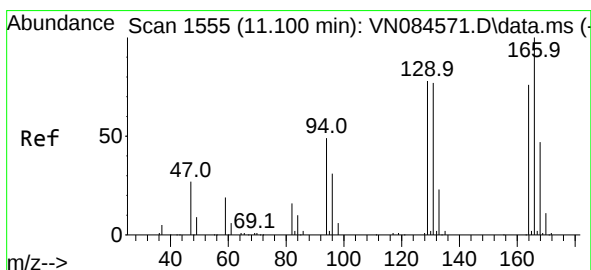
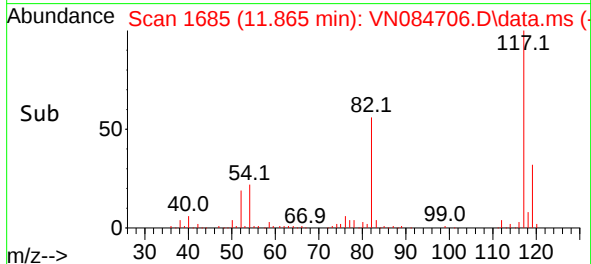
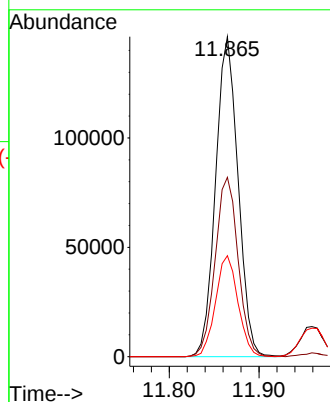
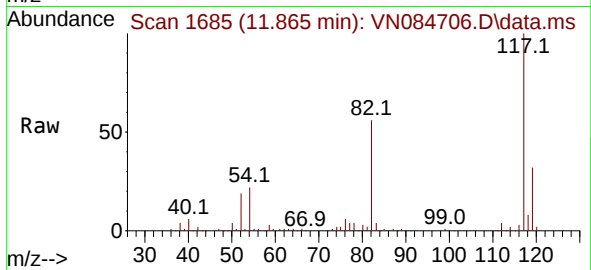




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

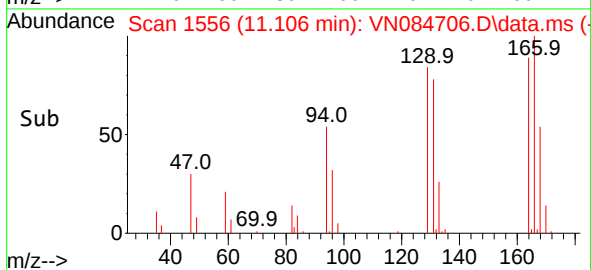
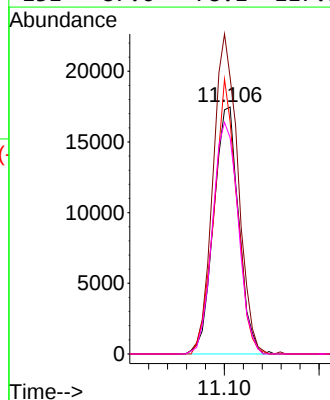
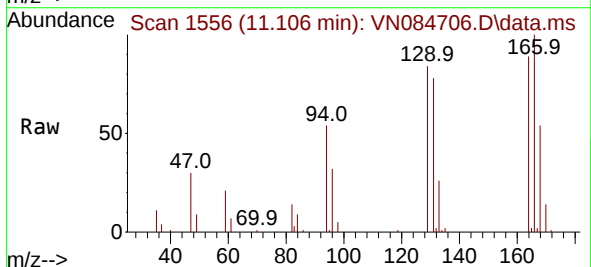
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

Tgt Ion:117 Resp: 254182  
Ion Ratio Lower Upper  
117 100  
82 56.0 47.2 70.8  
119 31.6 25.4 38.0



#64  
Tetrachloroethene  
Concen: 18.944 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion:164 Resp: 32029  
Ion Ratio Lower Upper  
164 100  
166 112.0 101.0 151.4  
129 94.0 80.8 121.2  
131 87.6 78.1 117.1

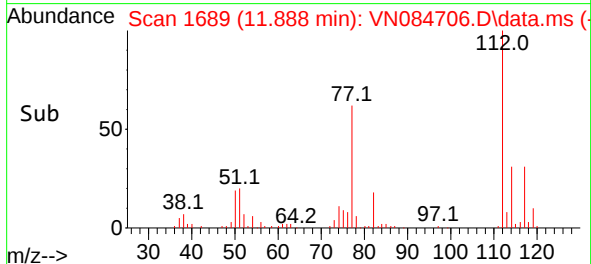
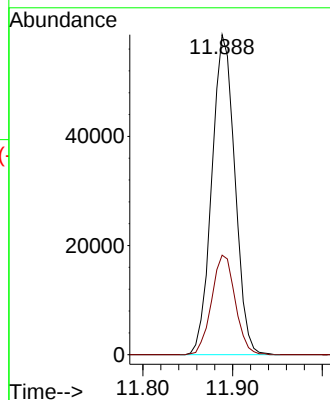
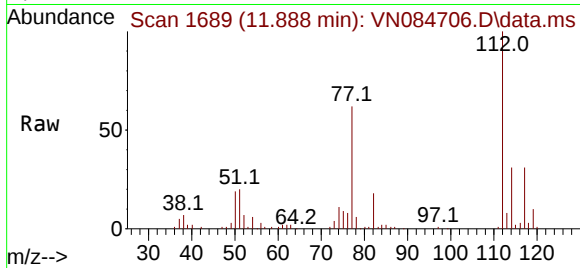




#65  
Chlorobenzene  
Concen: 18.394 ug/l  
RT: 11.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

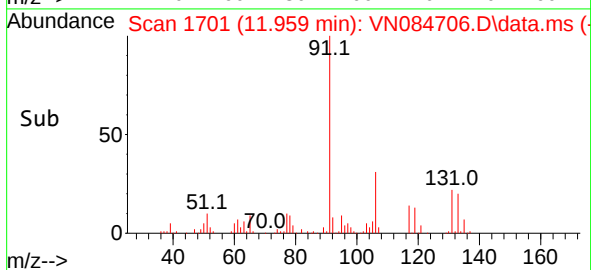
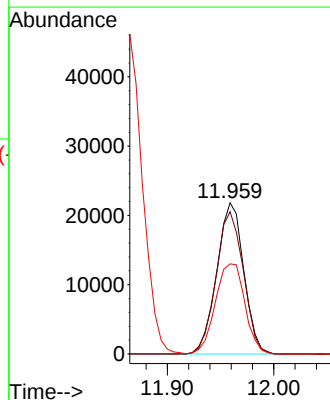
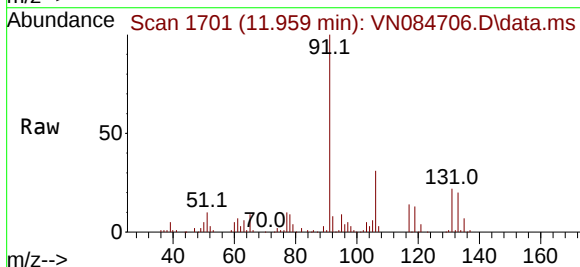
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

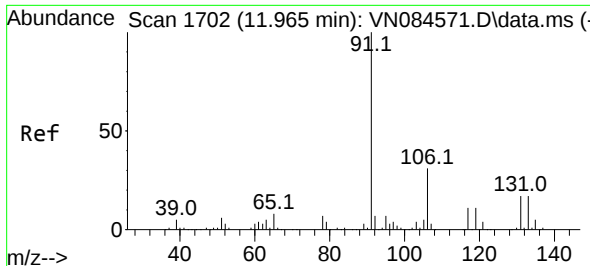
Tgt Ion:112 Resp: 104596  
Ion Ratio Lower Upper  
112 100  
114 31.1 27.0 40.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.388 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion:131 Resp: 38349  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.9 143.7  
119 65.1 32.8 98.3





#67

Ethyl Benzene

Concen: 18.704 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

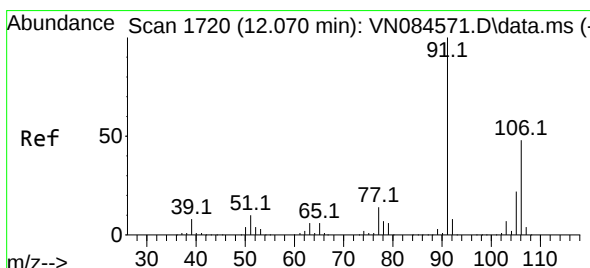
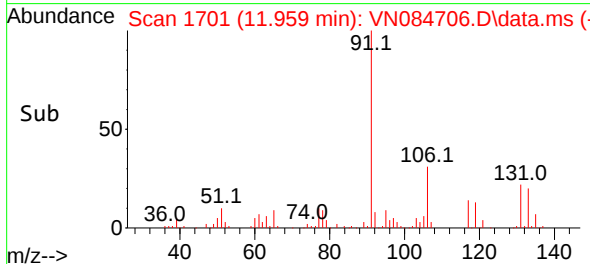
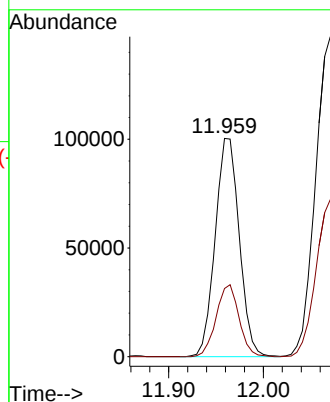
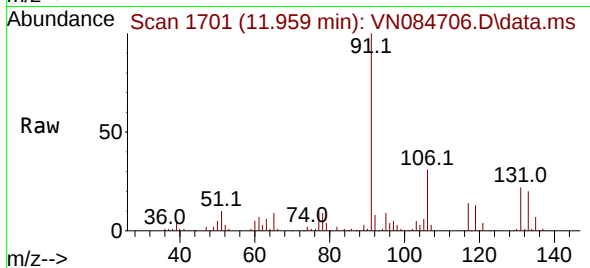
VN1106WBS02

Tgt Ion: 91 Resp: 177536

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 38.408 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN084706.D

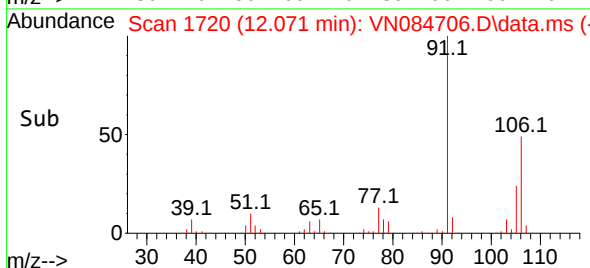
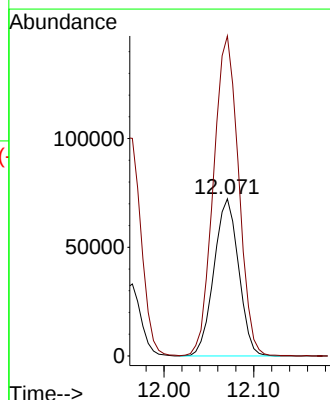
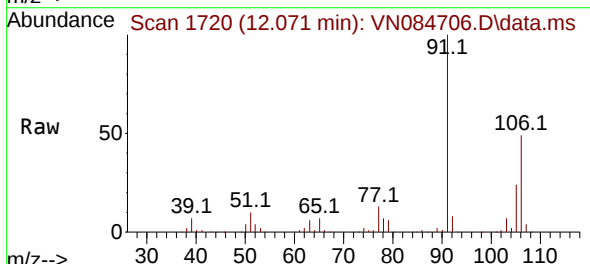
Acq: 06 Nov 2024 13:14

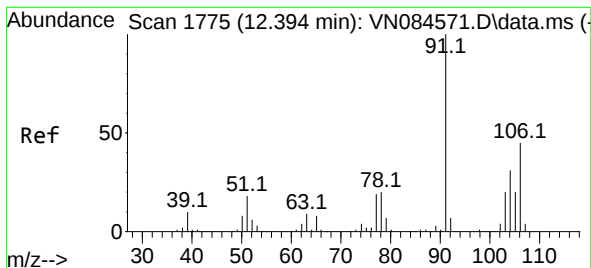
Tgt Ion: 106 Resp: 138023

Ion Ratio Lower Upper

106 100

91 207.7 167.1 250.7





#69

o-Xylene

Concen: 20.099 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

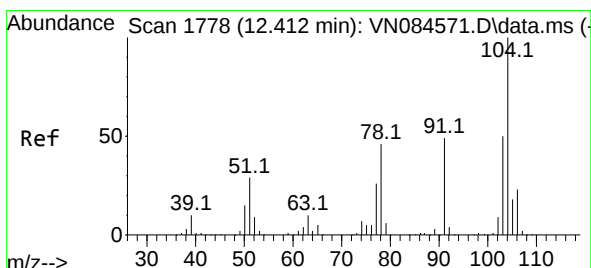
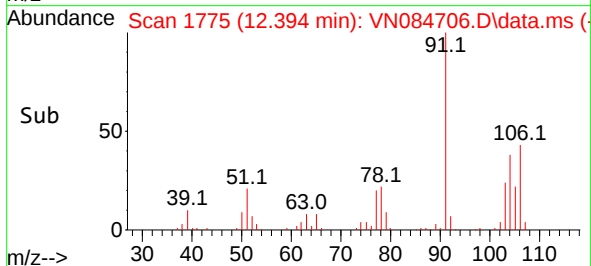
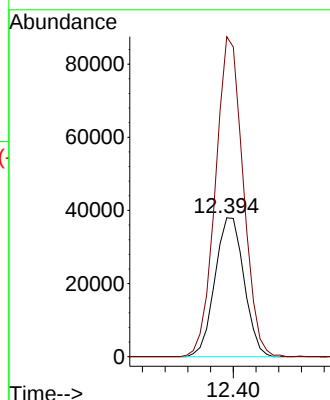
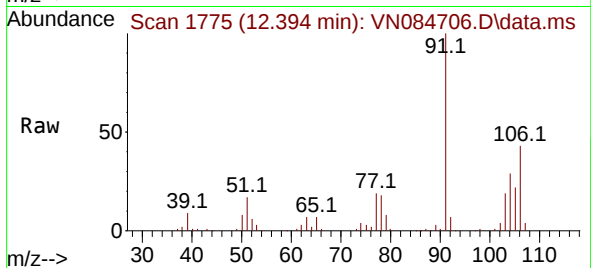
VN1106WBS02

Tgt Ion:106 Resp: 67567

Ion Ratio Lower Upper

106 100

91 219.6 110.2 330.6



#70

Styrene

Concen: 19.797 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

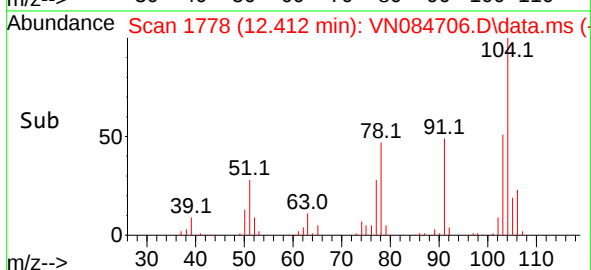
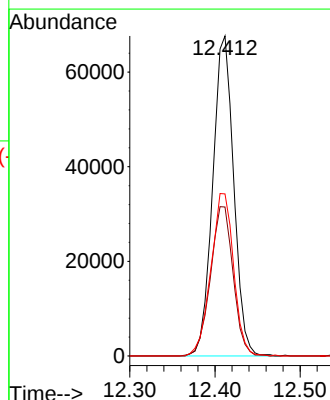
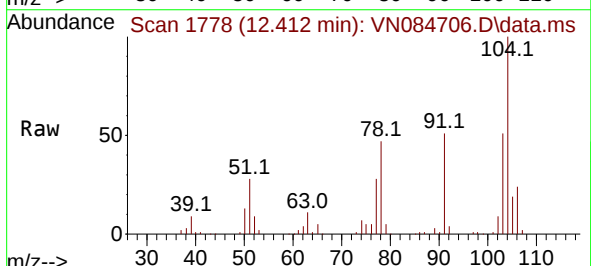
Tgt Ion:104 Resp: 116094

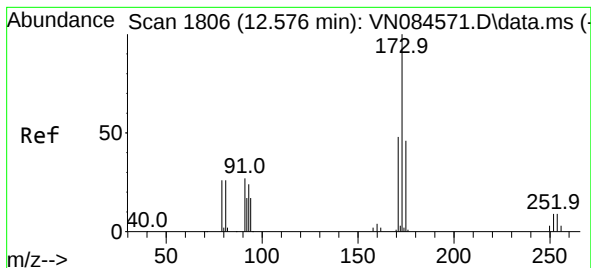
Ion Ratio Lower Upper

104 100

78 50.3 42.7 64.1

103 54.9 43.6 65.4





#71

Bromoform

Concen: 20.095 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBS02

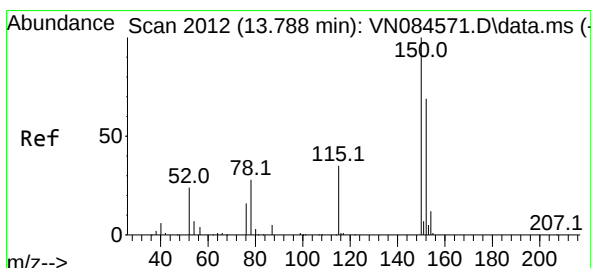
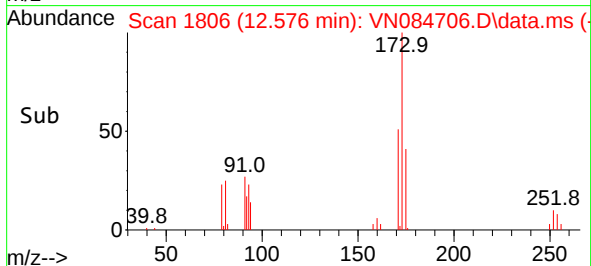
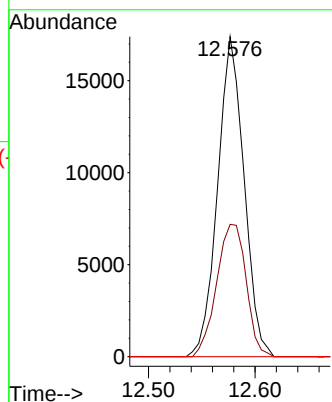
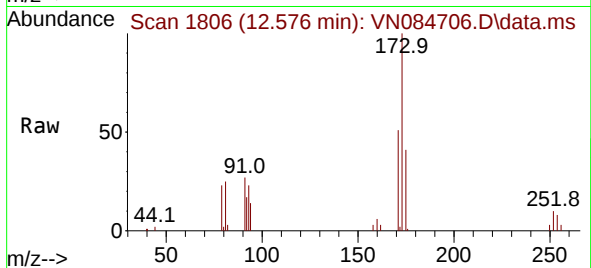
Tgt Ion:173 Resp: 29909

Ion Ratio Lower Upper

173 100

175 46.2 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: VN084706.D

Acq: 06 Nov 2024 13:14

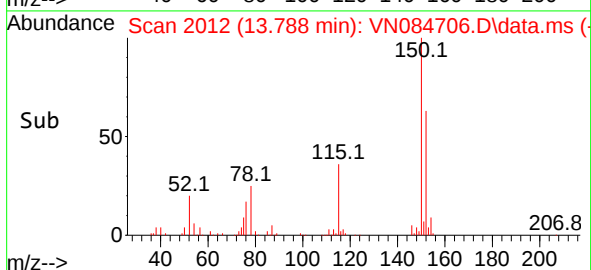
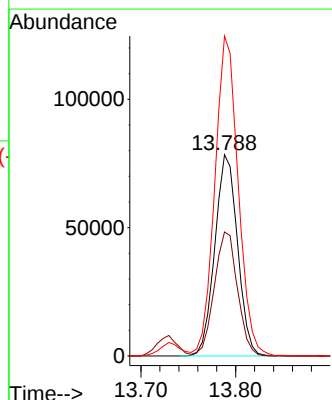
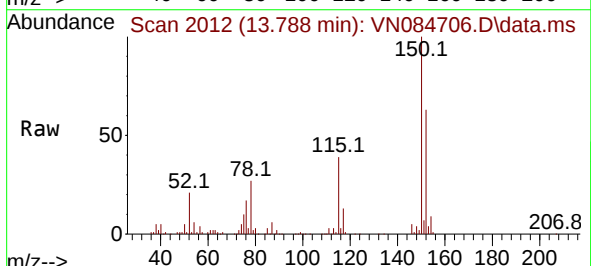
Tgt Ion:152 Resp: 130671

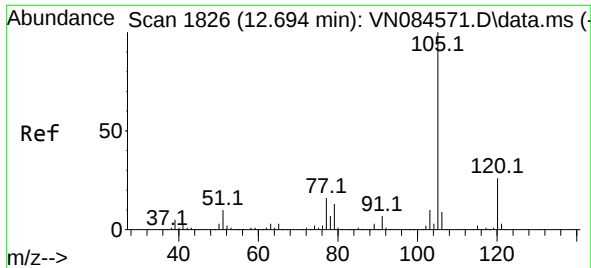
Ion Ratio Lower Upper

152 100

115 63.0 31.3 93.9

150 163.6 0.0 349.8

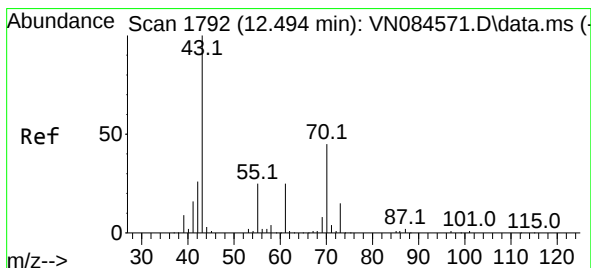
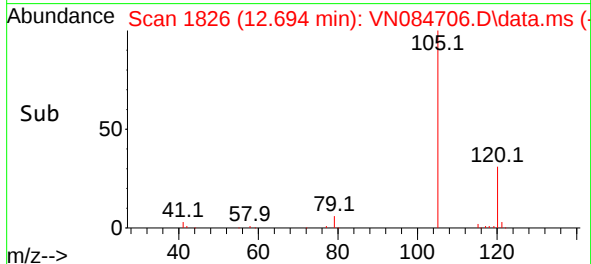
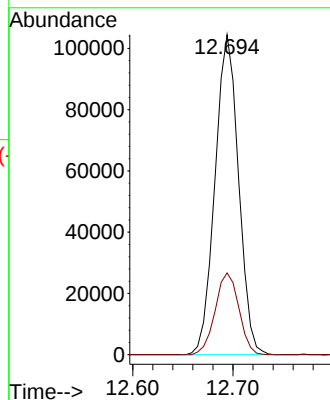
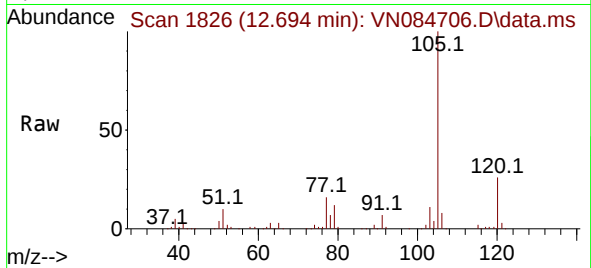




#73  
Isopropylbenzene  
Concen: 18.597 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

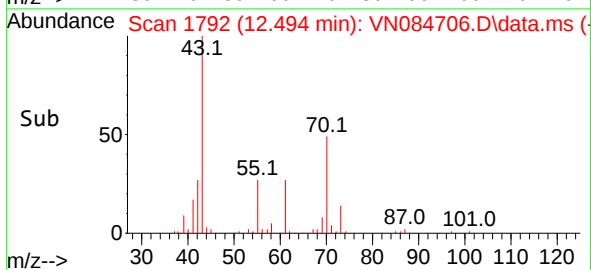
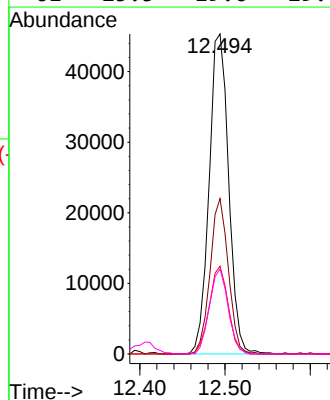
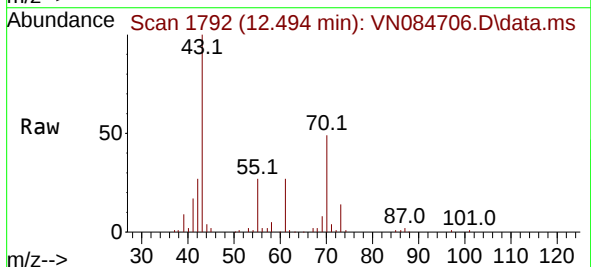
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

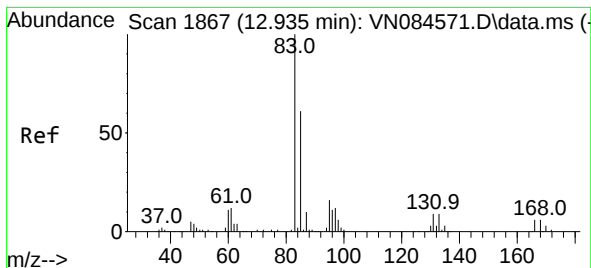
Tgt Ion:105 Resp: 170294  
Ion Ratio Lower Upper  
105 100  
120 25.7 12.9 38.7



#74  
N-ethyl acetate  
Concen: 18.540 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 43 Resp: 72260  
Ion Ratio Lower Upper  
43 100  
70 45.3 34.4 51.6  
55 26.6 19.6 29.4  
61 25.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.189 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBS02

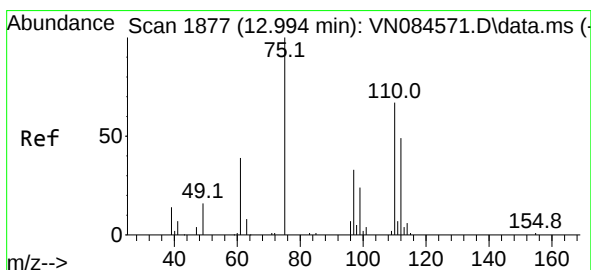
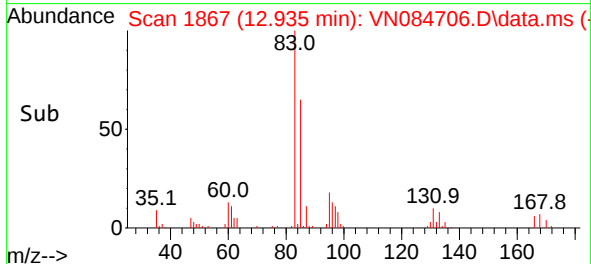
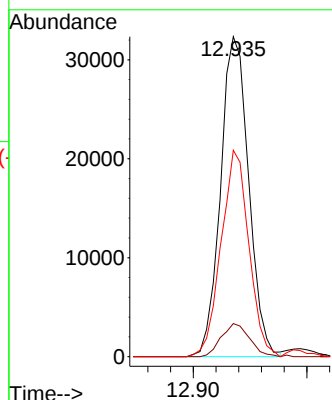
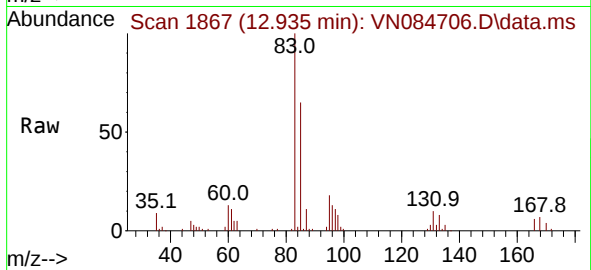
Tgt Ion: 83 Resp: 55595

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.7

85 63.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 27.267 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN084706.D

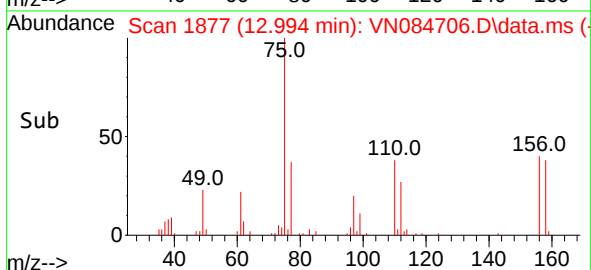
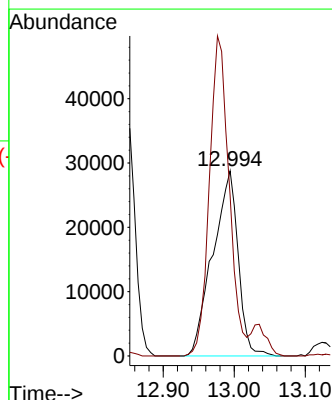
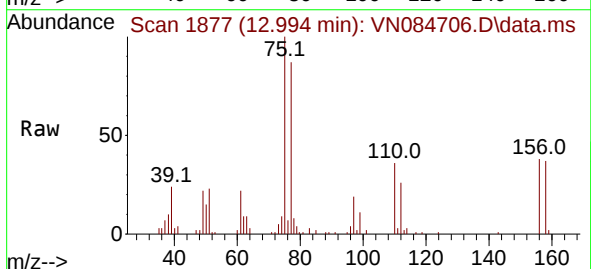
Acq: 06 Nov 2024 13:14

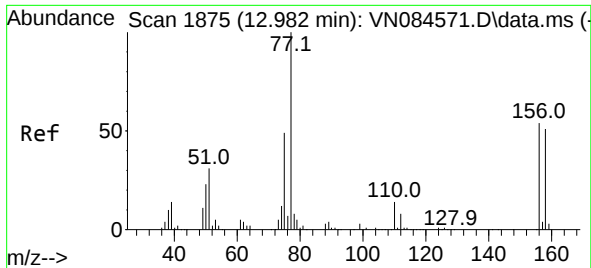
Tgt Ion: 75 Resp: 71224

Ion Ratio Lower Upper

75 100

77 134.6 96.9 290.7

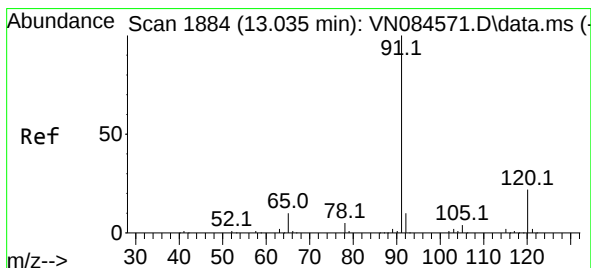
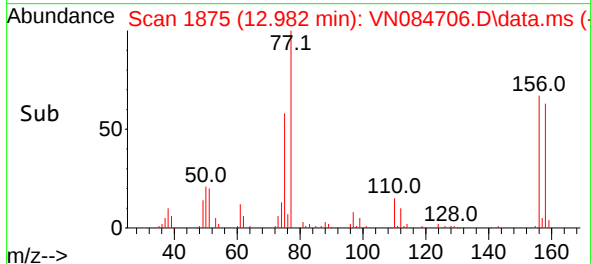
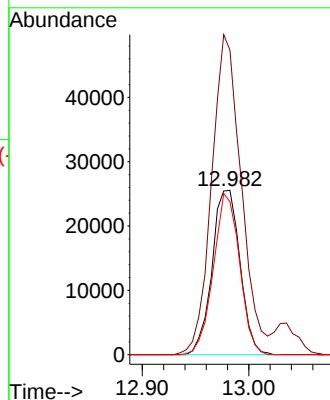
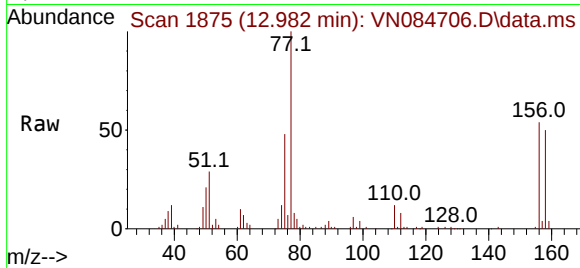




#77  
Bromobenzene  
Concen: 18.894 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

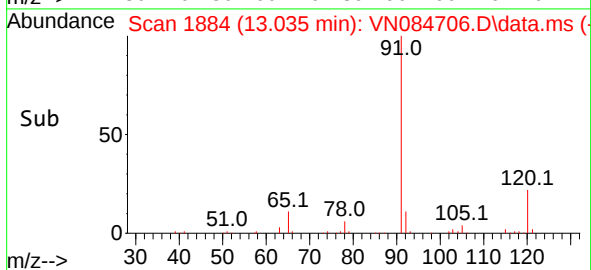
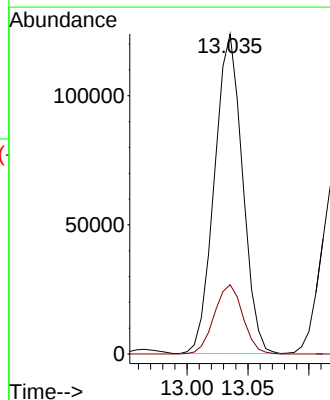
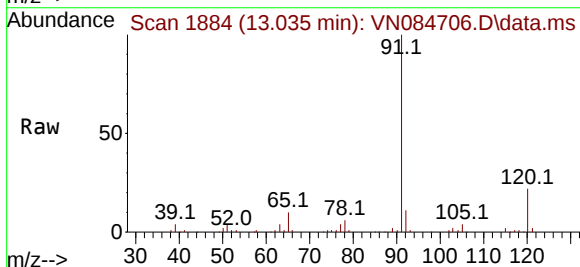
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

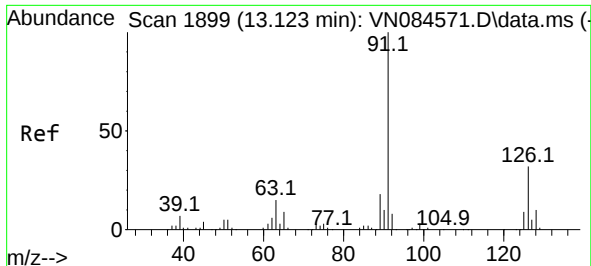
| Tgt Ion:  | 156   | Resp: | 46511 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 206.2 | 115.1 | 345.3 |
| 158       | 92.2  | 48.9  | 146.8 |



#78  
n-propylbenzene  
Concen: 18.472 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

| Tgt Ion:  | 91    | Resp: | 198220 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.0  | 10.8  | 32.4   |

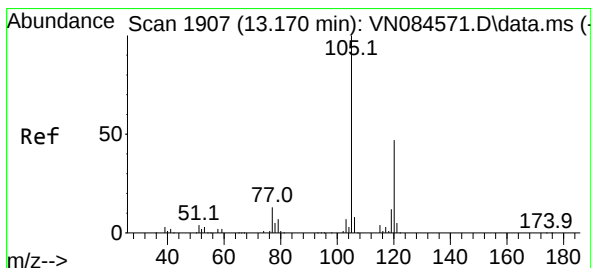
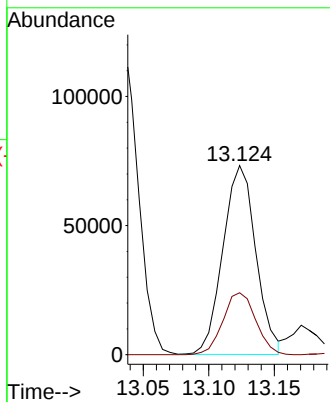
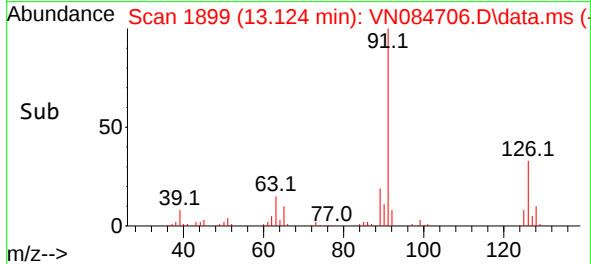
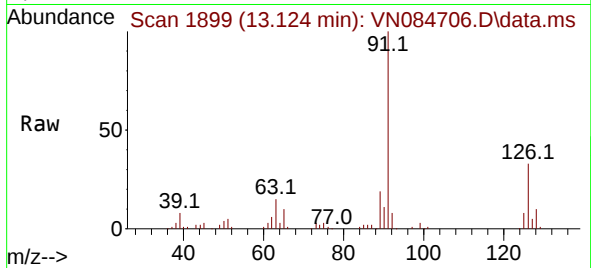




#79  
2-Chlorotoluene  
Concen: 18.255 ug/l  
RT: 13.124 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

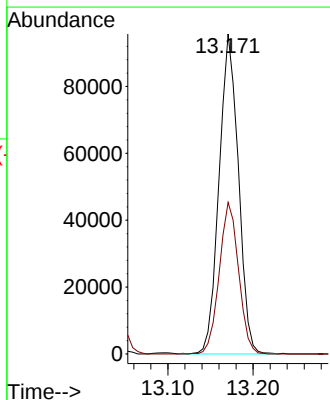
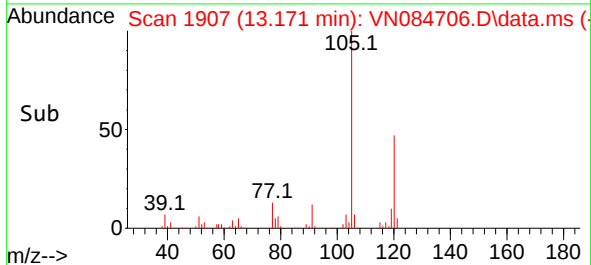
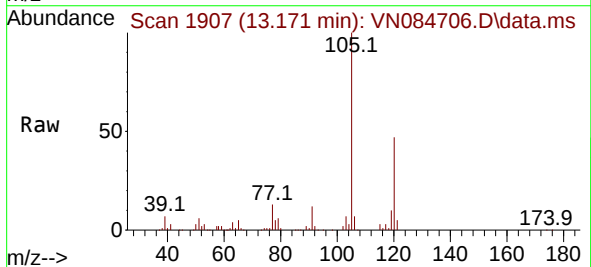
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

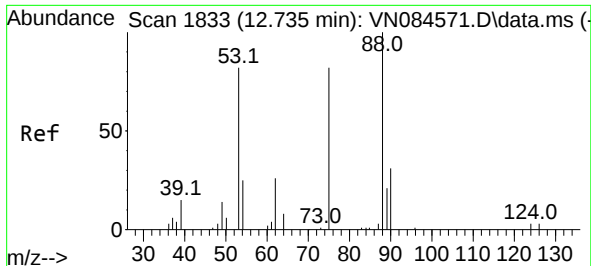
Tgt Ion: 91 Resp: 127993  
Ion Ratio Lower Upper  
91 100  
126 32.6 15.7 47.1



#80  
1,3,5-Trimethylbenzene  
Concen: 19.842 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion:105 Resp: 150593  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.7 71.1

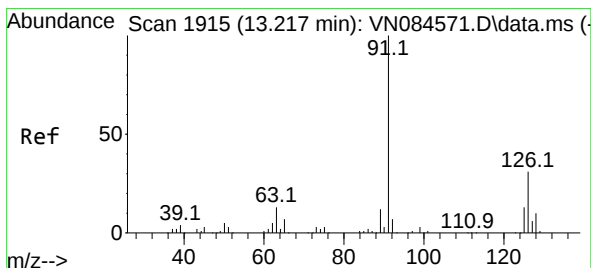
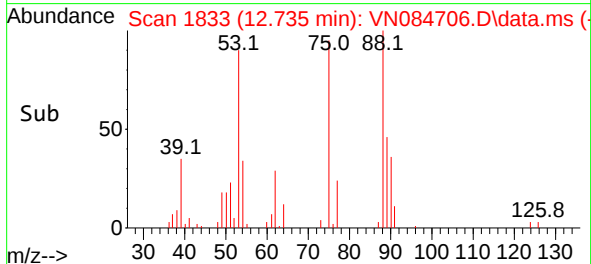
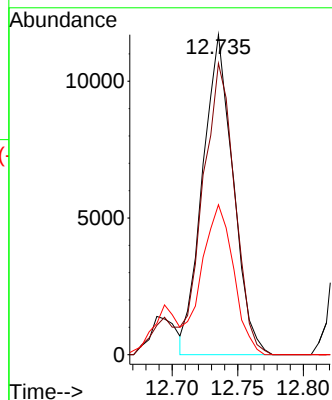
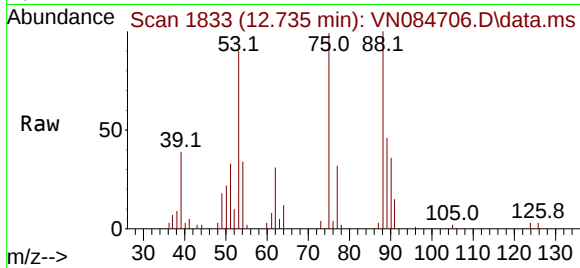




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.213 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

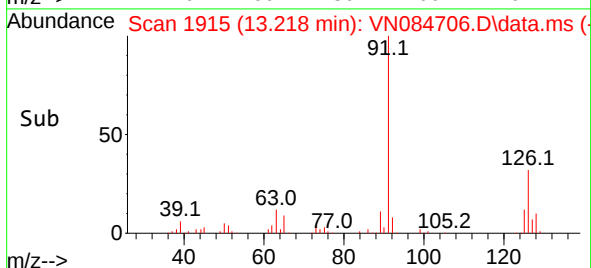
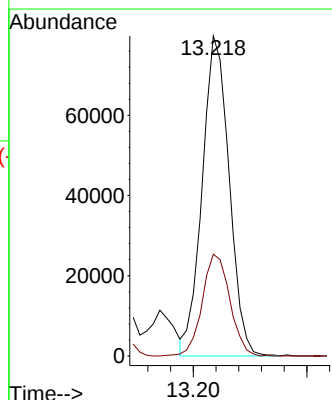
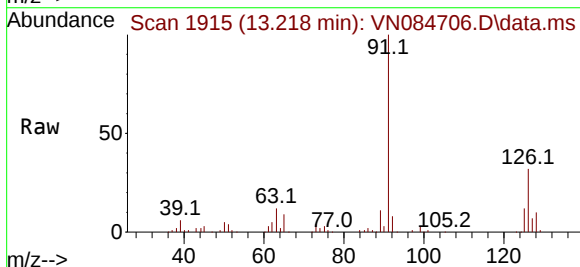
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

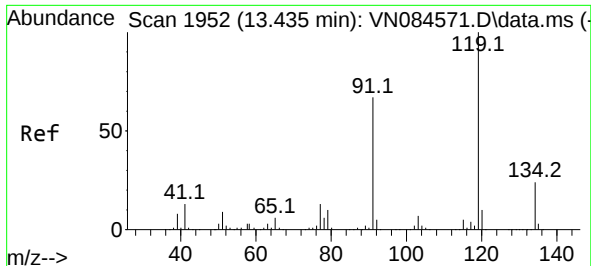
Tgt Ion: 75 Resp: 18952  
Ion Ratio Lower Upper  
75 100  
53 94.3 78.0 117.0  
89 49.4 35.5 53.3



#82  
4-Chlorotoluene  
Concen: 17.825 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 91 Resp: 131525  
Ion Ratio Lower Upper  
91 100  
126 32.5 15.7 47.1

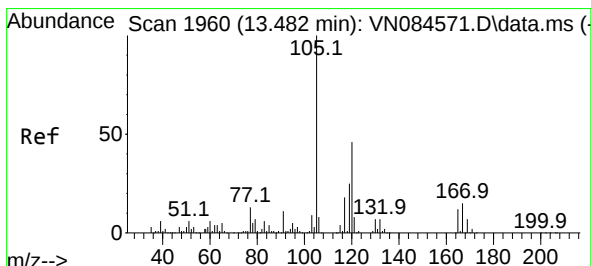
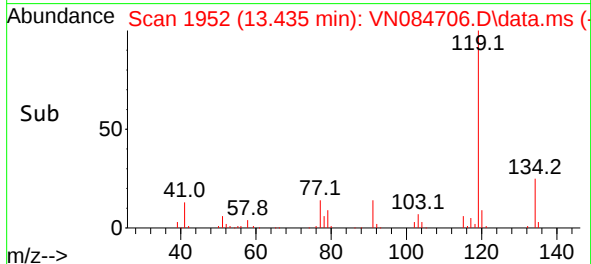
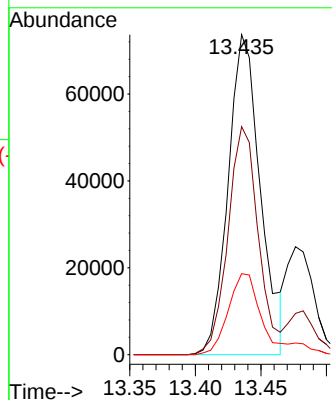
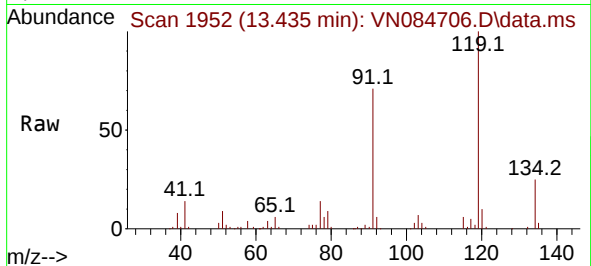




#83  
tert-Butylbenzene  
Concen: 20.079 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

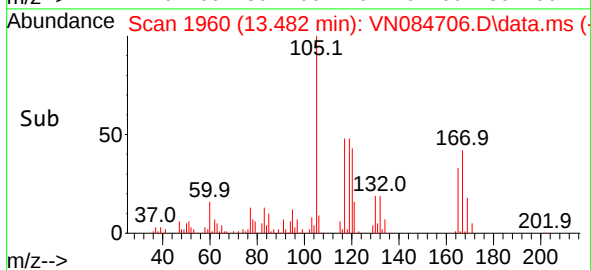
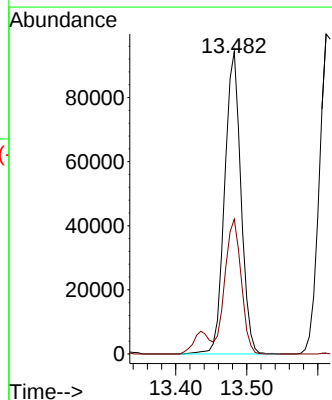
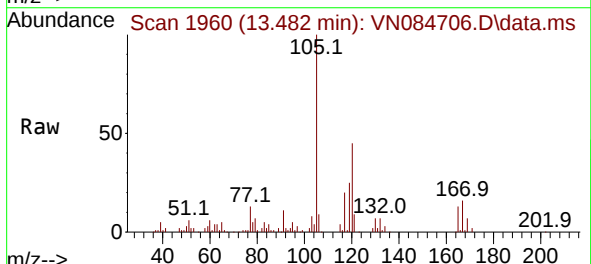
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

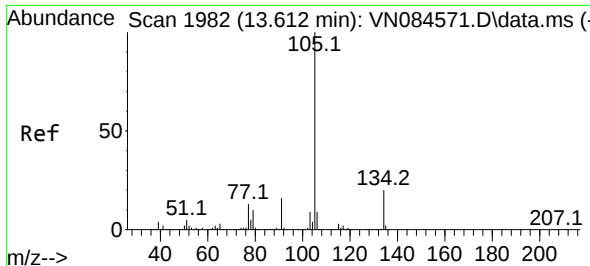
Tgt Ion:119 Resp: 126120  
Ion Ratio Lower Upper  
119 100  
91 67.2 34.1 102.3  
134 27.7 12.8 38.4



#84  
1,2,4-Trimethylbenzene  
Concen: 19.134 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion:105 Resp: 149881  
Ion Ratio Lower Upper  
105 100  
120 44.4 22.3 66.8

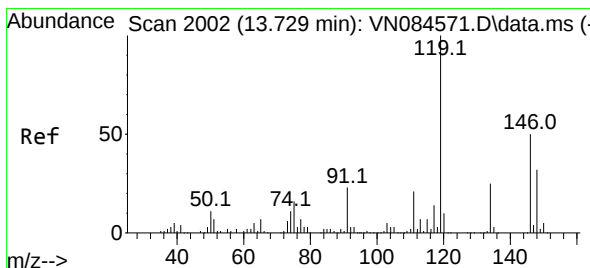
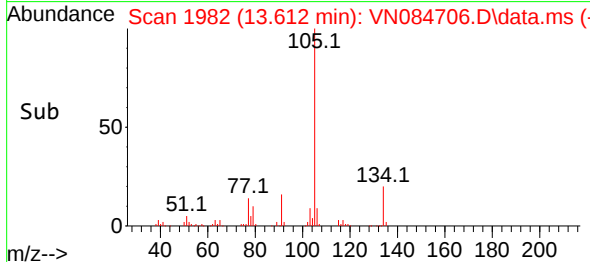
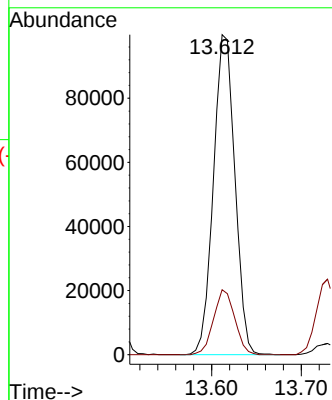
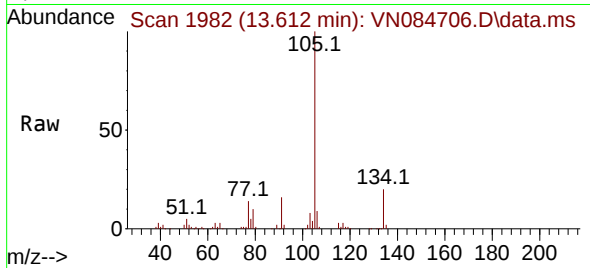




#85  
 sec-Butylbenzene  
 Concen: 18.719 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. -0.006 min  
 Lab File: VN084706.D  
 Acq: 06 Nov 2024 13:14

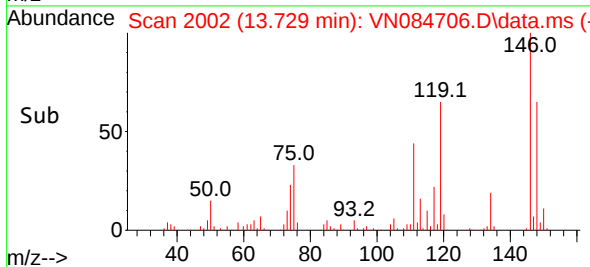
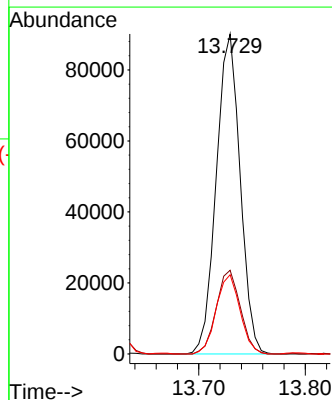
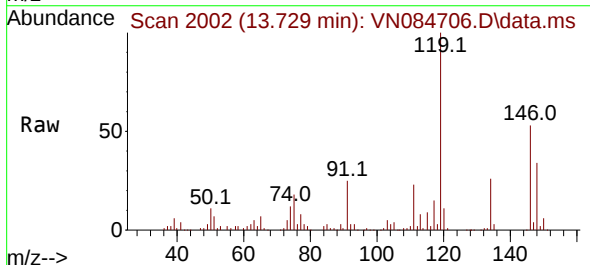
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1106WBS02

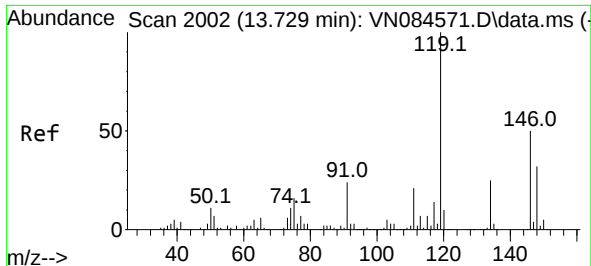
Tgt Ion:105 Resp: 166089  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 19.242 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN084706.D  
 Acq: 06 Nov 2024 13:14

Tgt Ion:119 Resp: 140022  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 12.6 37.8  
 91 24.7 12.4 37.2

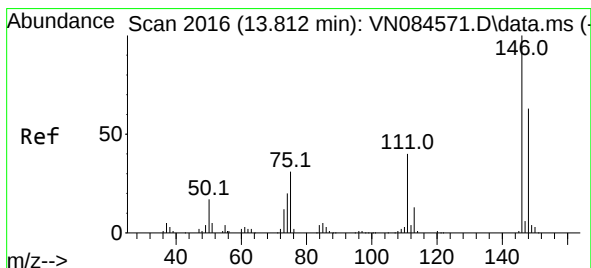
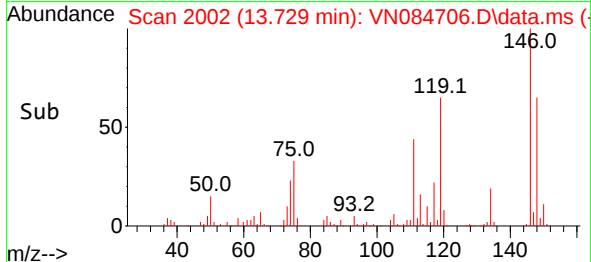
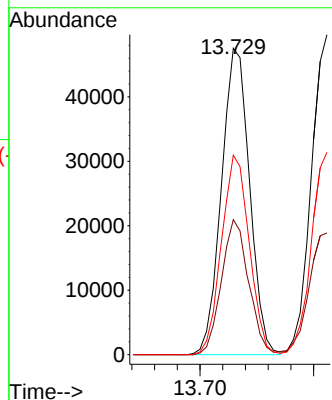
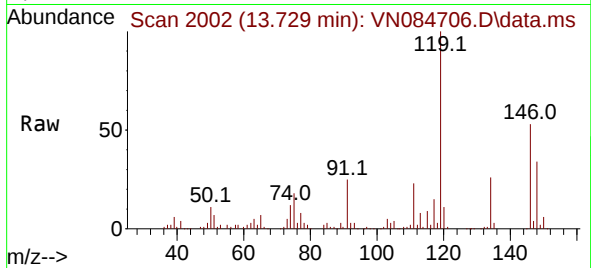




#87  
1,3-Dichlorobenzene  
Concen: 17.048 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

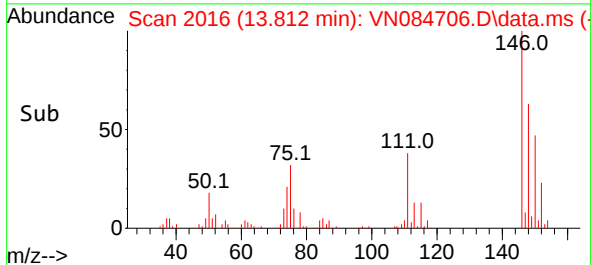
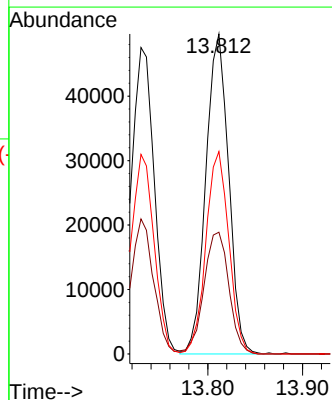
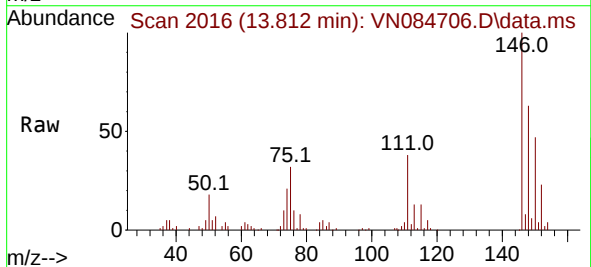
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

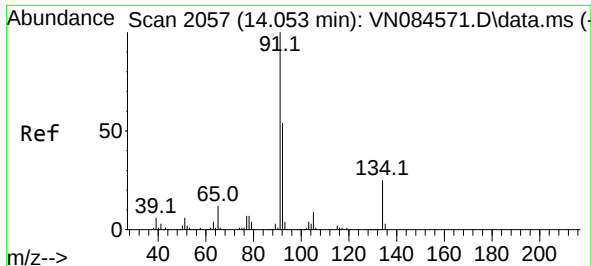
Tgt Ion:146 Resp: 81900  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.8 65.3  
148 64.2 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 18.087 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion:146 Resp: 82846  
Ion Ratio Lower Upper  
146 100  
111 42.0 21.2 63.6  
148 63.6 31.9 95.9

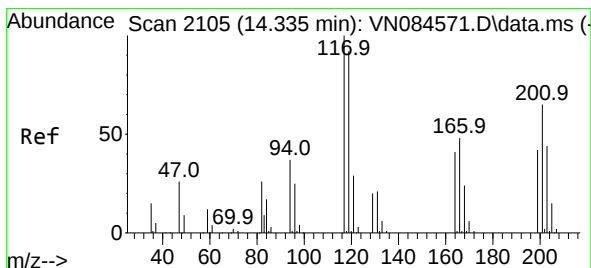
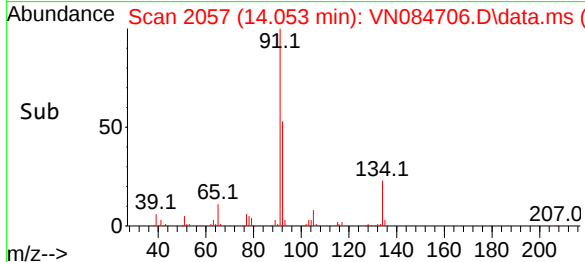
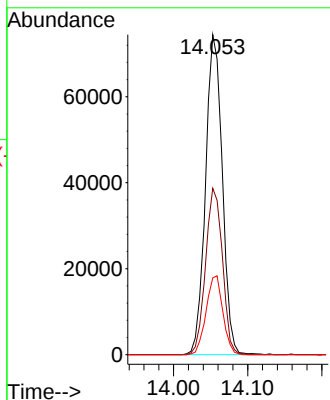
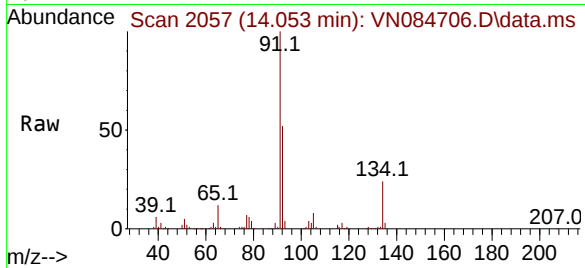




#89  
n-Butylbenzene  
Concen: 17.212 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

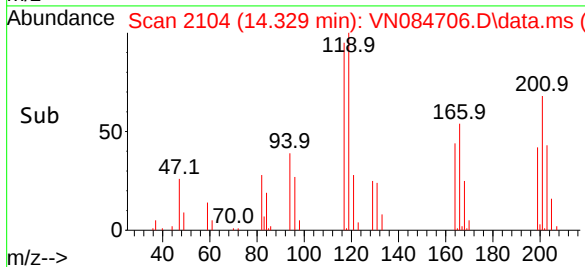
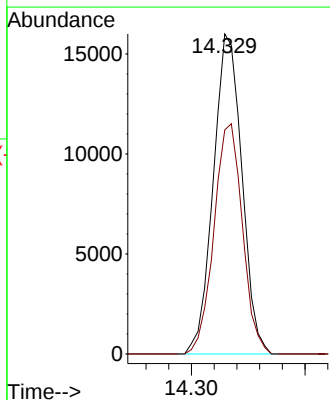
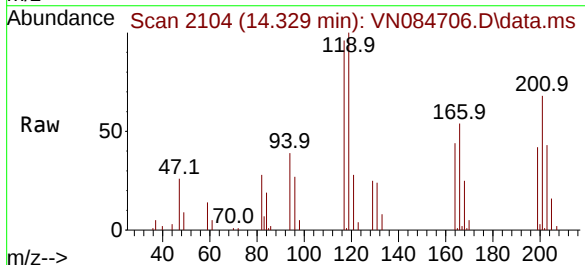
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBS02

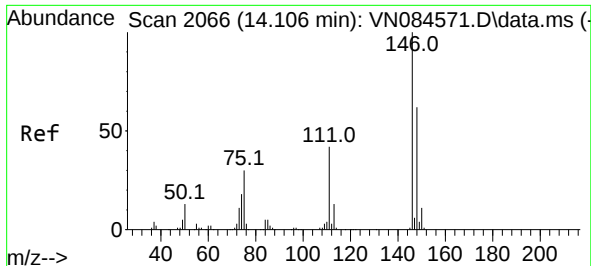
Tgt Ion: 91 Resp: 117157  
Ion Ratio Lower Upper  
91 100  
92 52.2 26.6 79.7  
134 24.6 12.3 36.9



#90  
Hexachloroethane  
Concen: 17.217 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. 0.000 min  
Lab File: VN084706.D  
Acq: 06 Nov 2024 13:14

Tgt Ion: 117 Resp: 27940  
Ion Ratio Lower Upper  
117 100  
201 71.7 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 17.513 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBS02

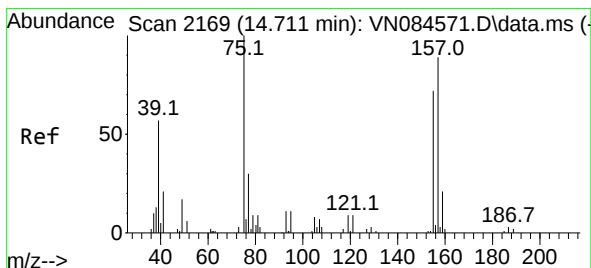
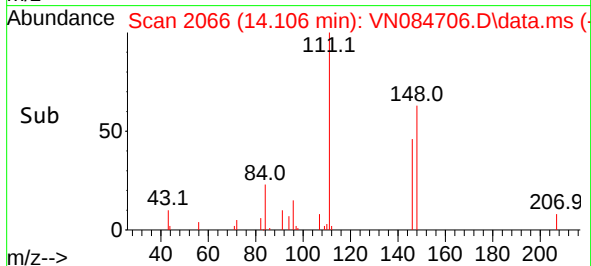
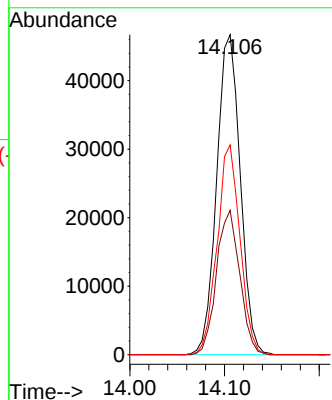
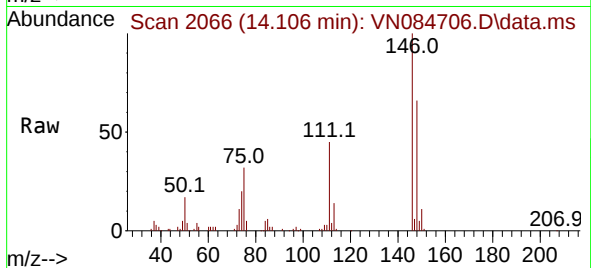
Tgt Ion:146 Resp: 80849

Ion Ratio Lower Upper

146 100

111 44.5 22.0 66.0

148 63.5 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.111 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

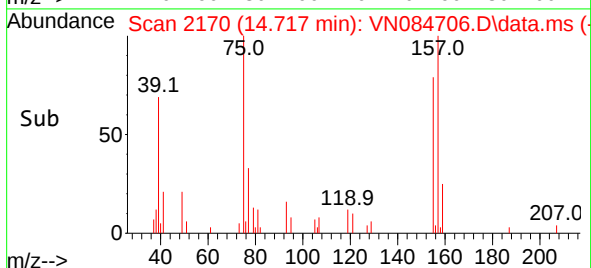
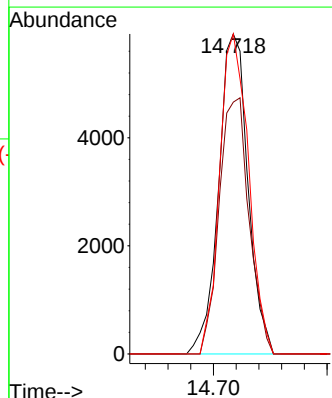
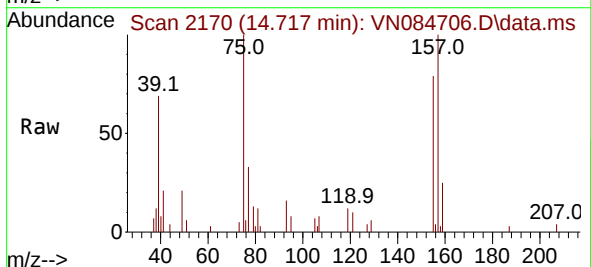
Tgt Ion: 75 Resp: 10595

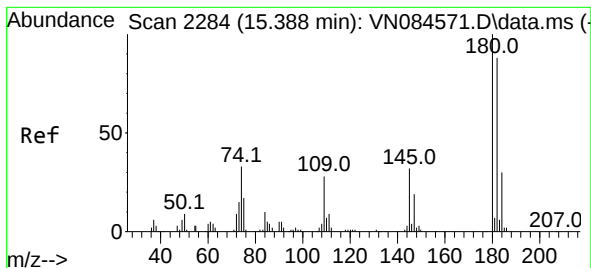
Ion Ratio Lower Upper

75 100

155 81.7 38.1 114.5

157 98.5 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 15.691 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBS02

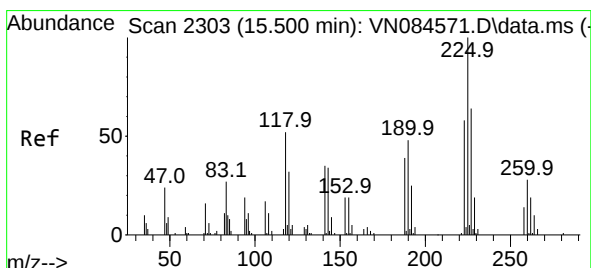
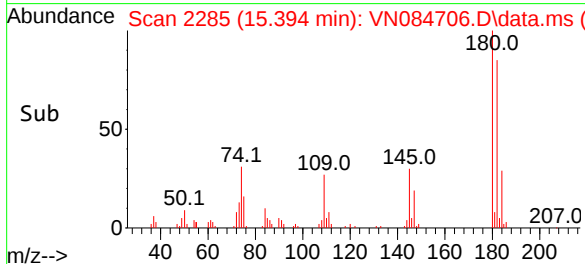
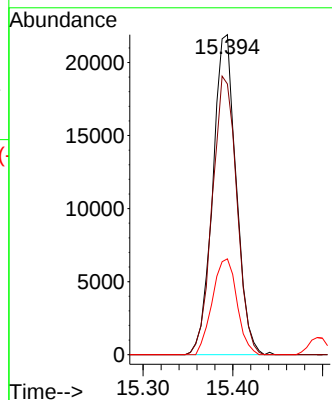
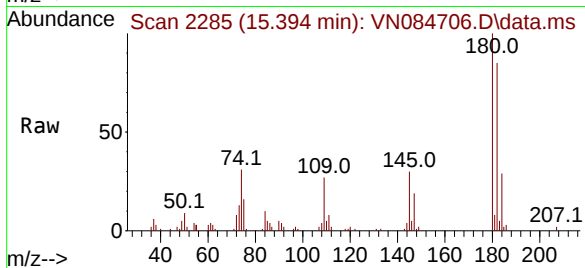
Tgt Ion:180 Resp: 39649

Ion Ratio Lower Upper

180 100

182 90.8 47.0 141.0

145 31.5 16.4 49.4



#94

Hexachlorobutadiene

Concen: 15.889 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

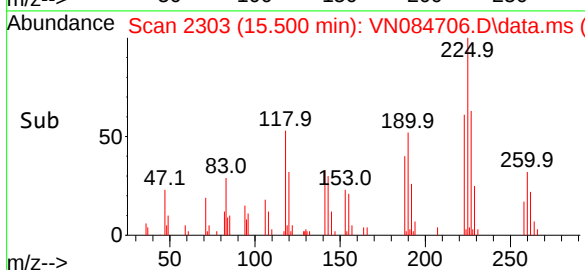
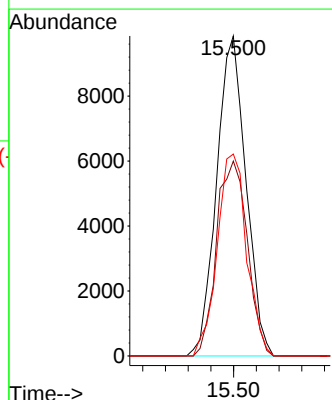
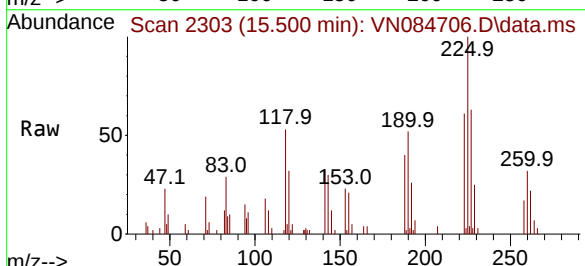
Tgt Ion:225 Resp: 17631

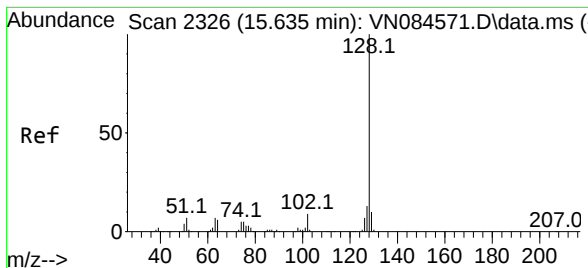
Ion Ratio Lower Upper

225 100

223 64.0 32.4 97.2

227 63.4 32.4 97.0





#95

Naphthalene

Concen: 15.854 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBS02

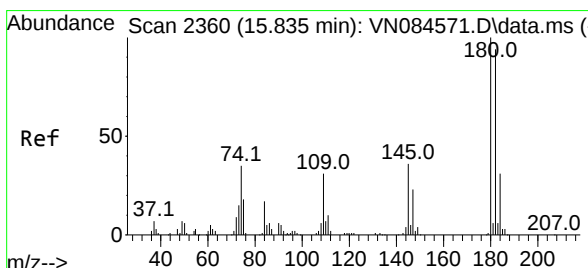
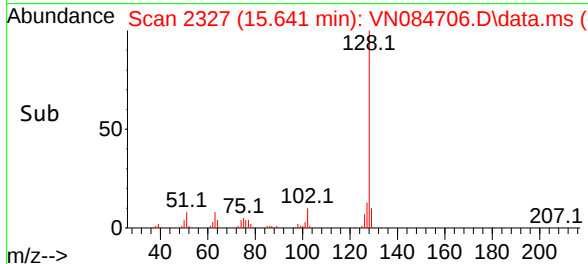
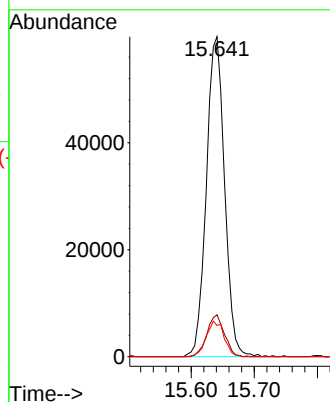
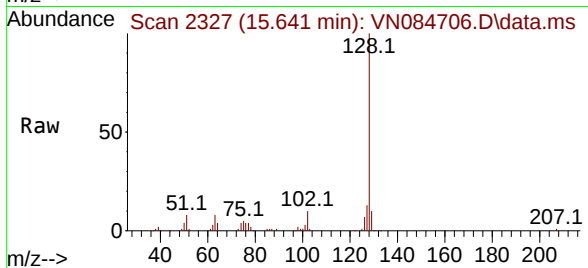
Tgt Ion:128 Resp: 119907

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.865 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084706.D

Acq: 06 Nov 2024 13:14

Tgt Ion:180 Resp: 38916

Ion Ratio Lower Upper

180 100

182 93.2 48.2 144.6

145 34.2 17.3 51.9

