

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110624\  
 Data File : VN084713.D  
 Acq On : 06 Nov 2024 16:02  
 Operator : JC\MD  
 Sample : VN1106WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1106WBSD02

Quant Time: Nov 07 00:20:45 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   | 186152   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 316813   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 280533   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788 | 152   | 138903   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.577  | 65    | 120125   | 44.678   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 89.360%  |
| 35) Dibromofluoromethane     | 8.159  | 113   | 97313    | 45.379   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 90.760%  |
| 50) Toluene-d8               | 10.565 | 98    | 354613   | 44.891   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 89.780%  |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 137855   | 46.694   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 93.380%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 36637    | 17.120   | ug/l   | 92       |
| 3) Chloromethane             | 2.359  | 50    | 39674    | 13.985   | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.512  | 62    | 37444    | 16.268   | ug/l   | 96       |
| 5) Bromomethane              | 2.901  | 94    | 20945    | 17.175   | ug/l   | 99       |
| 6) Chloroethane              | 3.071  | 64    | 25802    | 17.195   | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 3.465  | 101   | 65508    | 17.278   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.953  | 74    | 23340    | 17.451   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.359  | 101   | 37056    | 17.297   | ug/l   | 97       |
| 10) Methyl Iodide            | 4.571  | 142   | 51914    | 18.131   | ug/l   | 95       |
| 11) Tert butyl alcohol       | 5.542  | 59    | 32568    | 91.768   | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.330  | 96    | 35627    | 16.806   | ug/l   | 89       |
| 13) Acrolein                 | 4.177  | 56    | 35841    | 101.277  | ug/l   | 99       |
| 14) Allyl chloride           | 5.006  | 41    | 57728    | 16.792   | ug/l   | 92       |
| 15) Acrylonitrile            | 5.718  | 53    | 93932    | 91.426   | ug/l   | 98       |
| 16) Acetone                  | 4.430  | 43    | 82312    | 104.321  | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.700  | 76    | 95154    | 14.576   | ug/l   | 99       |
| 18) Methyl Acetate           | 5.018  | 43    | 51345    | 15.330   | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 5.794  | 73    | 117112   | 18.024   | ug/l   | 97       |
| 20) Methylene Chloride       | 5.265  | 84    | 41076    | 17.370   | ug/l   | 87       |
| 21) trans-1,2-Dichloroethene | 5.783  | 96    | 36342    | 16.696   | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.671  | 45    | 123591   | 18.092   | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.600  | 43    | 426709   | 90.580   | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.565  | 63    | 72109    | 17.582   | ug/l   | 100      |
| 25) 2-Butanone               | 7.483  | 43    | 120349   | 95.945   | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.488  | 77    | 62635    | 17.547   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.483  | 96    | 44505    | 17.510   | ug/l   | 97       |
| 28) Bromochloromethane       | 7.812  | 49    | 40282    | 24.652   | ug/l   | 92       |
| 29) Tetrahydrofuran          | 7.841  | 42    | 75200    | 90.368   | ug/l   | 97       |
| 30) Chloroform               | 7.965  | 83    | 73967    | 17.719   | ug/l   | 92       |
| 31) Cyclohexane              | 8.253  | 56    | 61381    | 16.536   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 8.165  | 97    | 68211    | 17.953   | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 8.365  | 75    | 49440    | 16.624   | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.559  | 43    | 46885    | 17.375   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.359  | 117   | 58845    | 17.702   | ug/l   | 94       |
| 39) Methylcyclohexane        | 9.600  | 83    | 51630    | 17.064   | ug/l   | 98       |
| 40) Benzene                  | 8.606  | 78    | 165068   | 17.283   | ug/l   | 99       |

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 Sample : VN1106WBS01  
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 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1106WBSD02

Quant Time: Nov 07 00:20:45 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         | 7.771  | 41   | 25556    | 17.612  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 55308    | 17.880  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 91023    | 17.635  | ug/l   | 100      |
| 44) Trichloroethene           | 9.353  | 130  | 37552    | 17.048  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 40655    | 18.145  | ug/l   | 99       |
| 46) Dibromomethane            | 9.706  | 93   | 28476    | 18.012  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 59302    | 17.795  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 37983    | 18.087  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 14205    | 381.708 | ug/l # | 77       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 248625   | 96.653  | ug/l   | 100      |
| 52) Toluene                   | 10.629 | 92   | 100115   | 17.923  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 56947    | 16.508  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75   | 62359    | 17.080  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 38263    | 18.184  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 58043    | 19.071  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 63539    | 17.595  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 135858   | 95.393  | ug/l   | 96       |
| 59) 2-Hexanone                | 11.194 | 43   | 182661   | 97.556  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.359 | 129  | 45215    | 18.854  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 37110    | 17.222  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.100 | 164  | 32835    | 17.596  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.888 | 112  | 109280   | 17.412  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 39279    | 17.993  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 182078   | 17.380  | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.070 | 106  | 142230   | 35.861  | ug/l   | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 69398    | 18.705  | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 115400   | 17.830  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 30502    | 18.569  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.694 | 105  | 172235   | 17.694  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 72727    | 17.554  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 56511    | 17.393  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 72472    | 26.101  | ug/l   | 59       |
| 77) Bromobenzene              | 12.976 | 156  | 44572    | 17.033  | ug/l   | 93       |
| 78) n-propylbenzene           | 13.035 | 91   | 197358   | 17.302  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 132994   | 17.844  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 150981   | 18.714  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 19657    | 16.795  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 130377   | 16.622  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 127049   | 19.028  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 155422   | 18.666  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.617 | 105  | 167117   | 17.719  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 141089   | 18.240  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 82965    | 16.246  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 81048    | 16.570  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.053 | 91   | 111426   | 15.400  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 28614    | 16.588  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 80627    | 16.430  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 10768    | 16.359  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 36757    | 13.685  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 18544    | 15.721  | ug/l   | 97       |
| 95) Naphthalene               | 15.641 | 128  | 114016   | 14.181  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 36335    | 13.935  | ug/l   | 99       |

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Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
Response via : Initial Calibration

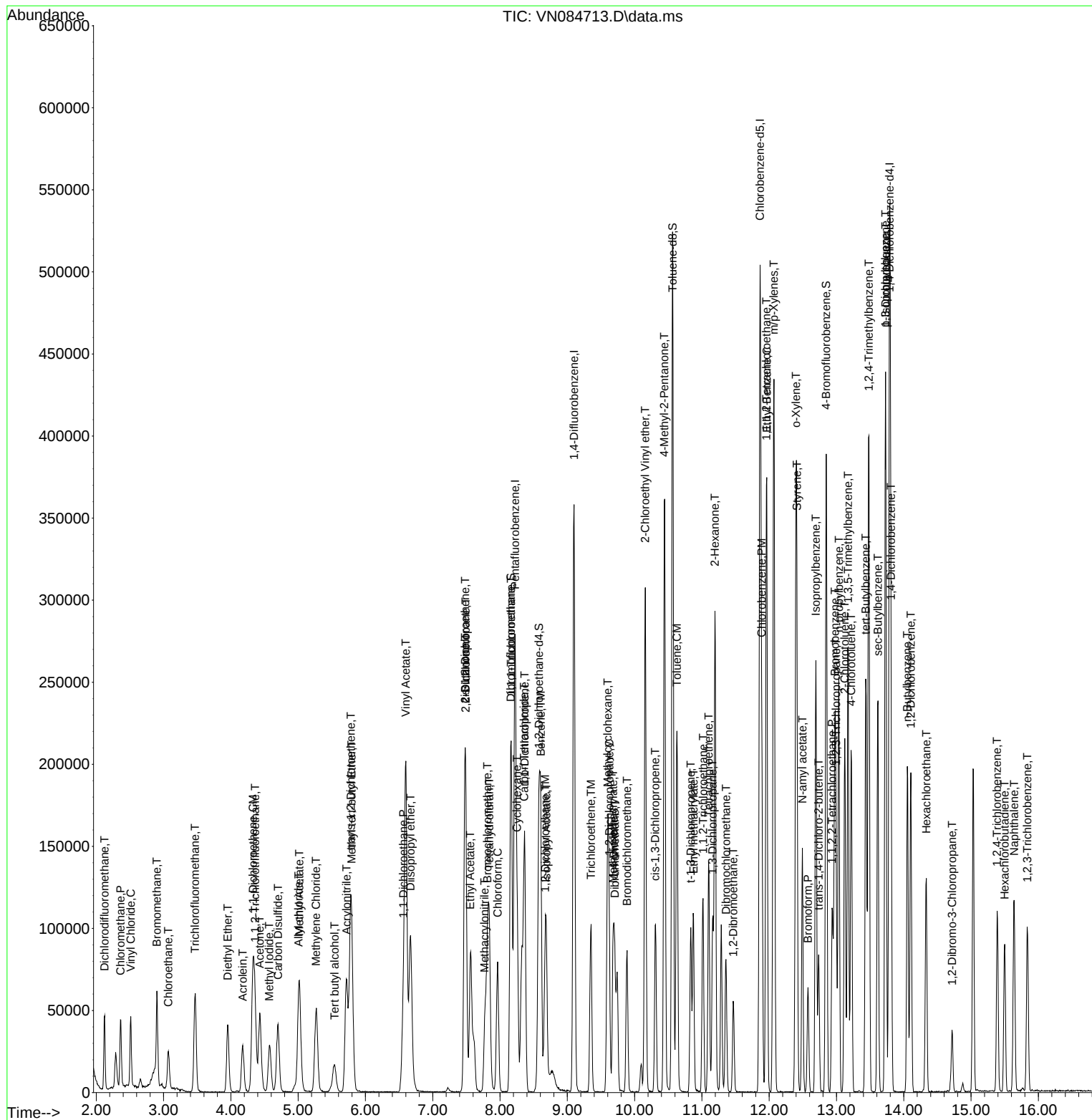
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

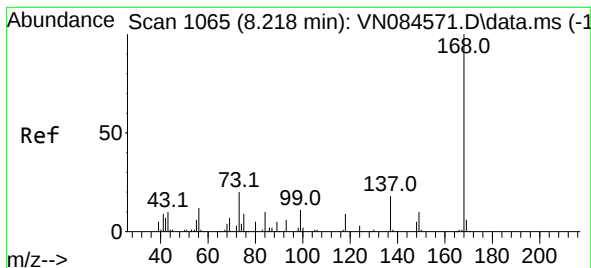
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 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084713.D

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Instrument :

MSVOA\_N

ClientSampleId :

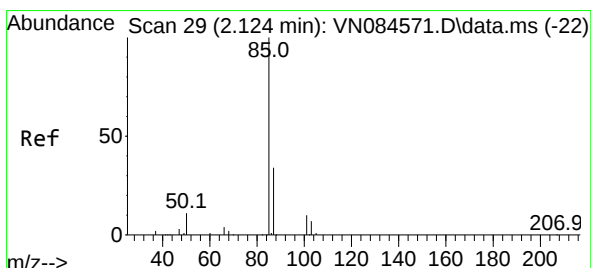
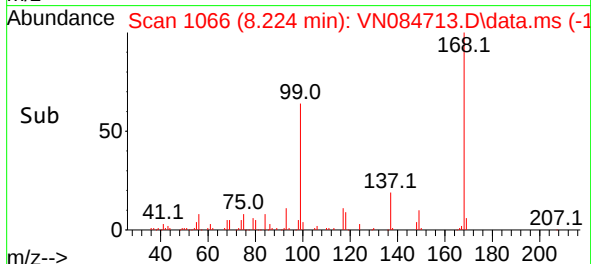
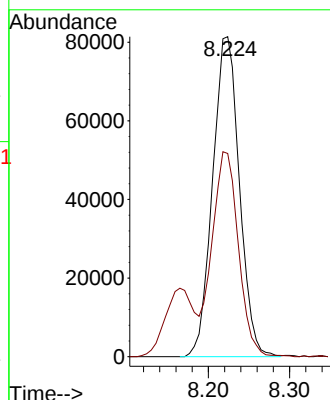
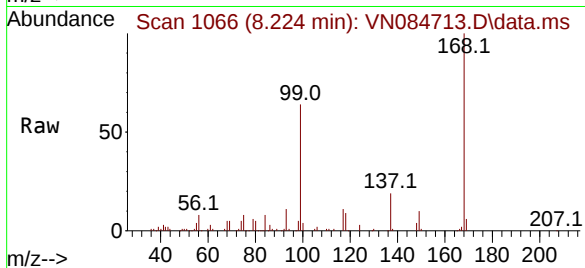
VN1106WBSD02

Tgt Ion:168 Resp: 186152

Ion Ratio Lower Upper

168 100

99 63.1 54.2 81.2



#2

Dichlorodifluoromethane

Concen: 17.120 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN084713.D

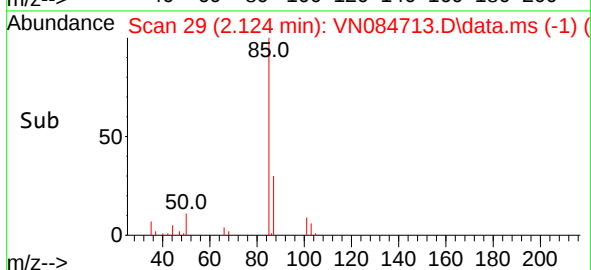
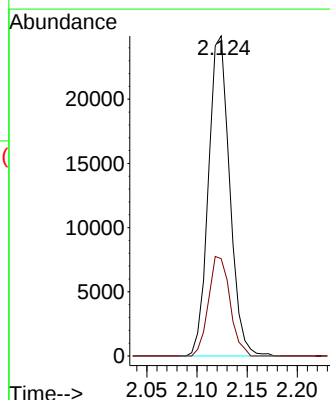
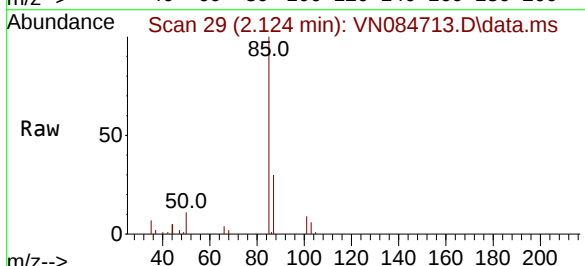
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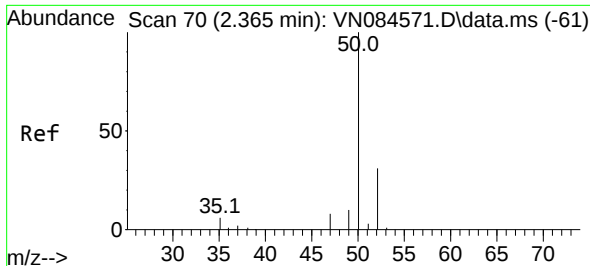
Tgt Ion: 85 Resp: 36637

Ion Ratio Lower Upper

85 100

87 30.4 17.6 52.9

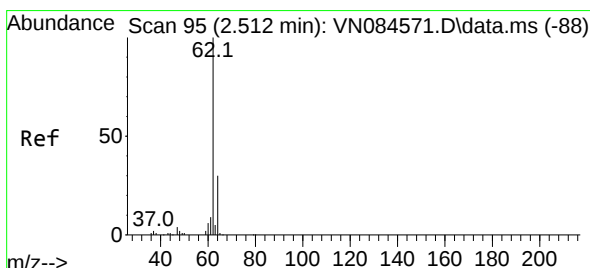
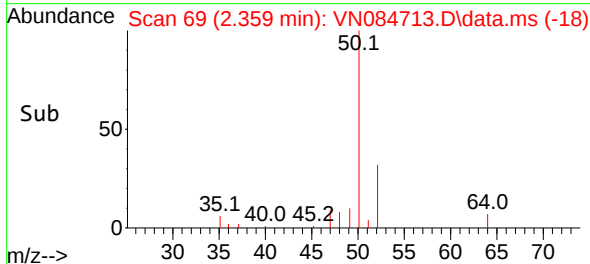
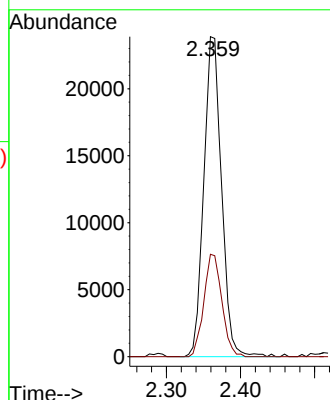
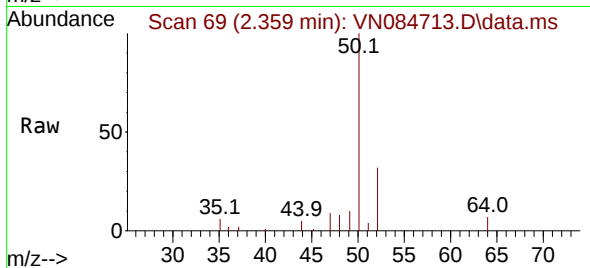




#3  
Chloromethane  
Concen: 13.985 ug/l  
RT: 2.359 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

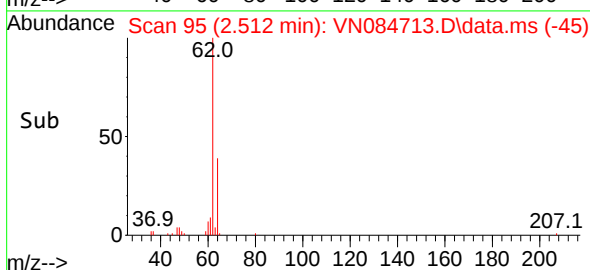
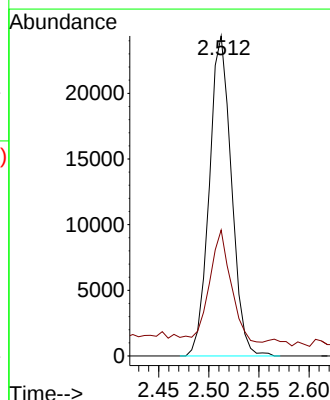
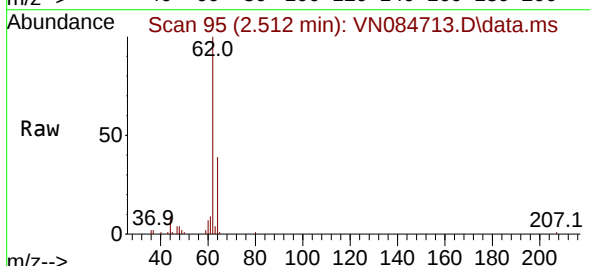
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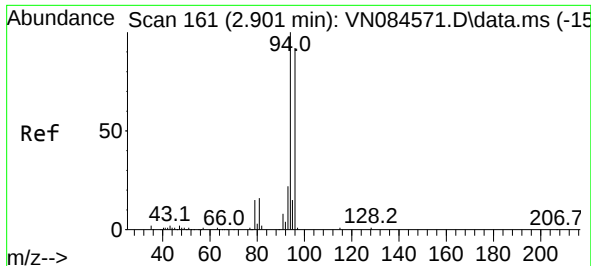
Tgt Ion: 50 Resp: 39674  
Ion Ratio Lower Upper  
50 100  
52 32.0 26.8 40.2



#4  
Vinyl Chloride  
Concen: 16.268 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 62 Resp: 37444  
Ion Ratio Lower Upper  
62 100  
64 34.9 26.2 39.4

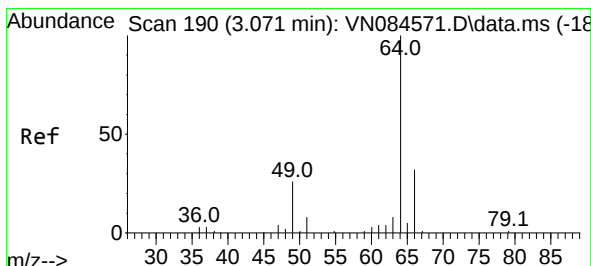
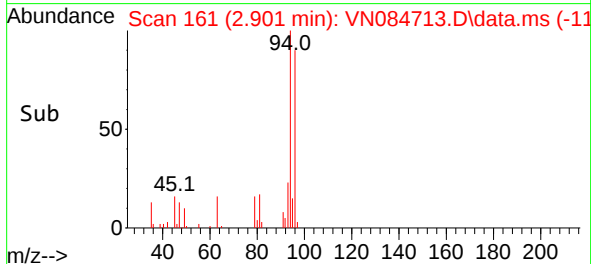
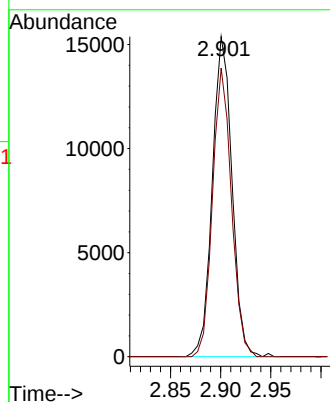
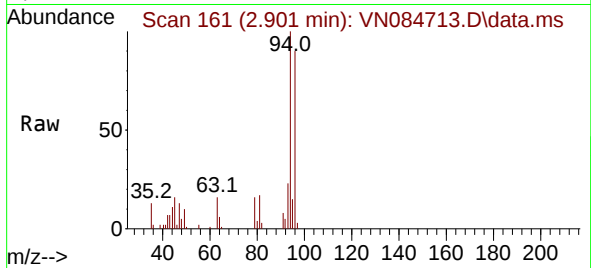




#5  
Bromomethane  
Concen: 17.175 ug/l  
RT: 2.901 min Scan# 11  
Delta R.T. -0.052 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

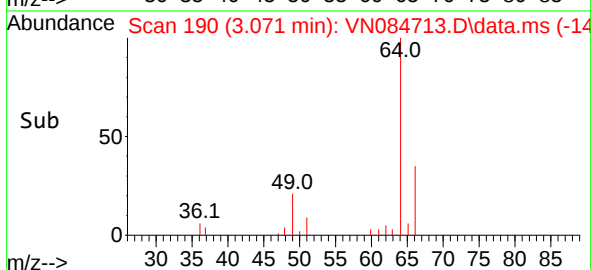
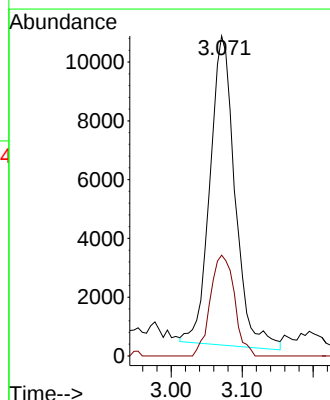
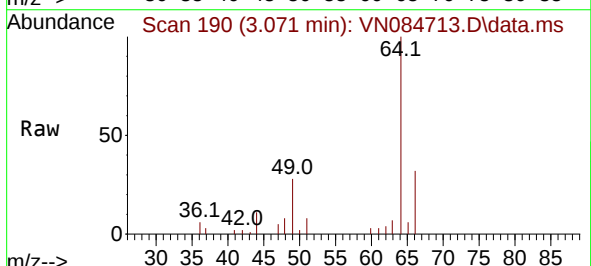
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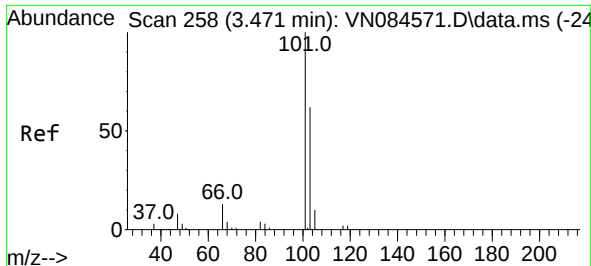
Tgt Ion: 94 Resp: 20945  
Ion Ratio Lower Upper  
94 100  
96 90.2 72.9 109.3



#6  
Chloroethane  
Concen: 17.195 ug/l  
RT: 3.071 min Scan# 190  
Delta R.T. -0.047 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 64 Resp: 25802  
Ion Ratio Lower Upper  
64 100  
66 33.0 23.5 35.3

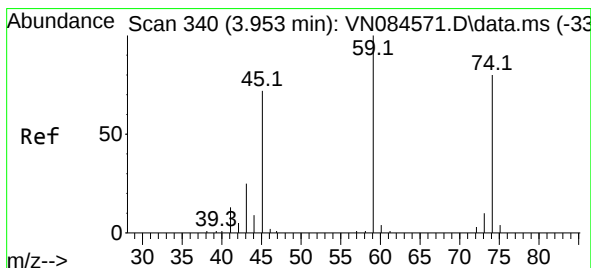
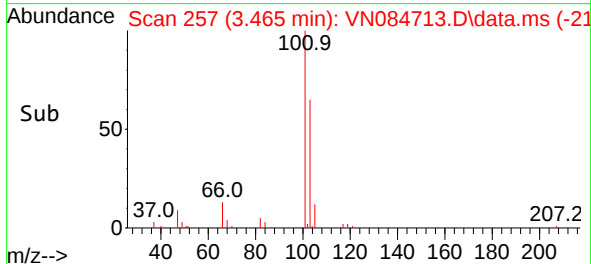
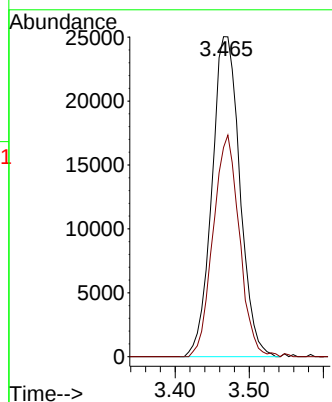
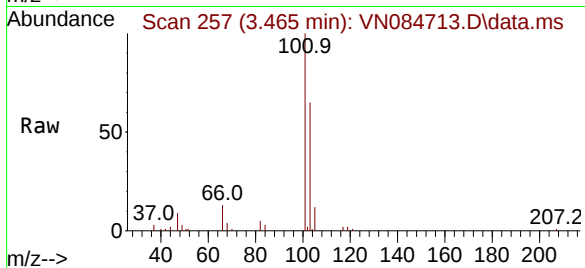




#7  
 Trichlorofluoromethane  
 Concen: 17.278 ug/l  
 RT: 3.465 min Scan# 21  
 Delta R.T. -0.030 min  
 Lab File: VN084713.D  
 Acq: 06 Nov 2024 16:02

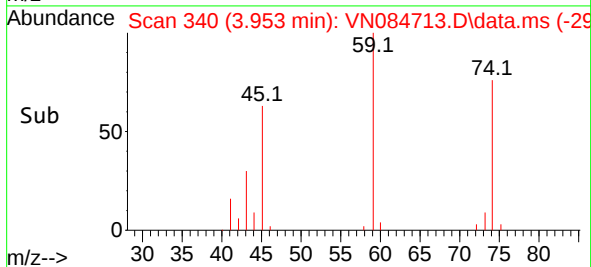
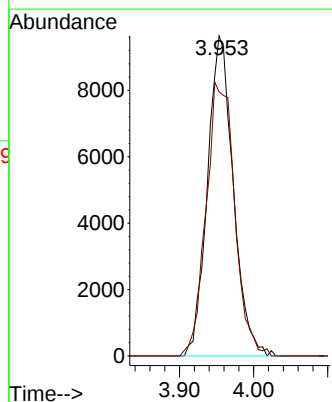
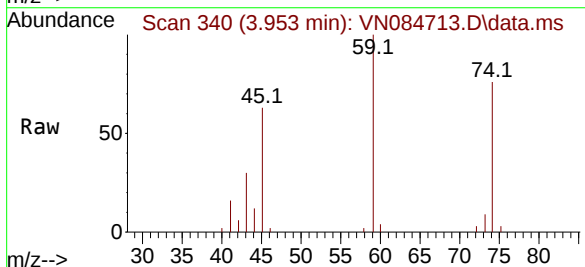
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1106WBSD02

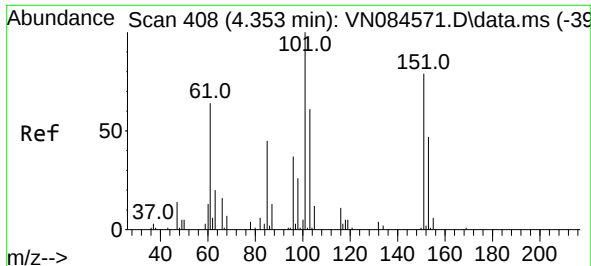
Tgt Ion:101 Resp: 65508  
 Ion Ratio Lower Upper  
 101 100  
 103 65.4 51.8 77.6



#8  
 Diethyl Ether  
 Concen: 17.451 ug/l  
 RT: 3.953 min Scan# 340  
 Delta R.T. -0.006 min  
 Lab File: VN084713.D  
 Acq: 06 Nov 2024 16:02

Tgt Ion: 74 Resp: 23340  
 Ion Ratio Lower Upper  
 74 100  
 45 94.3 47.7 143.1

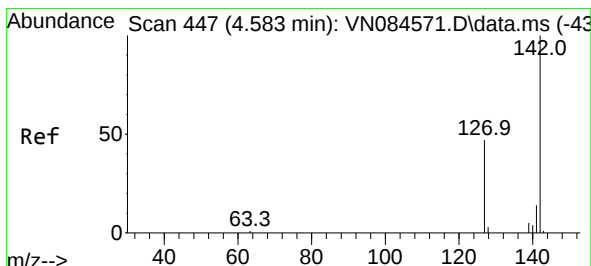
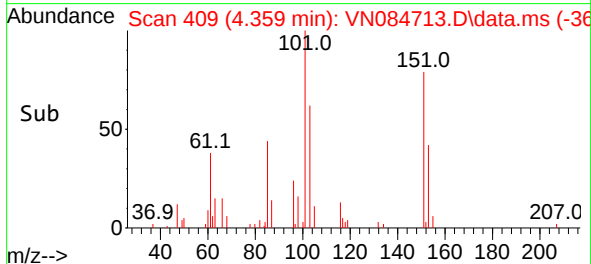
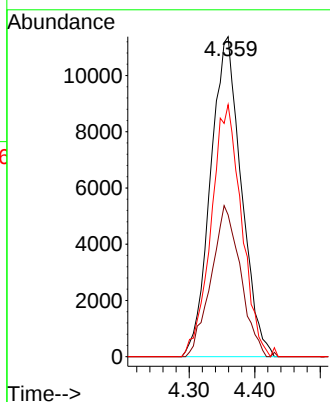
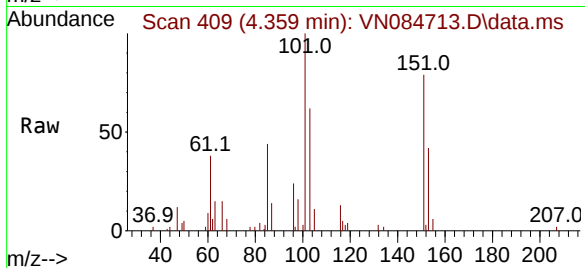




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.297 ug/l  
RT: 4.359 min Scan# 408  
Delta R.T. -0.012 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

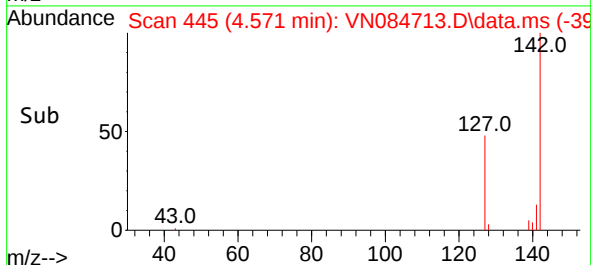
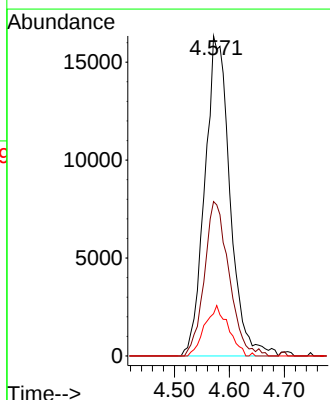
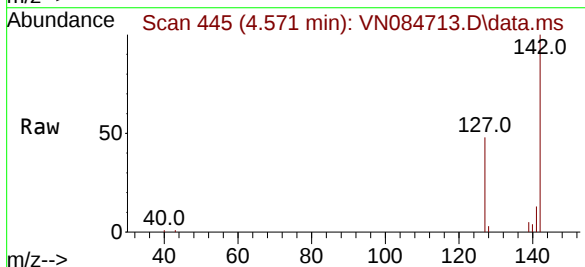
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

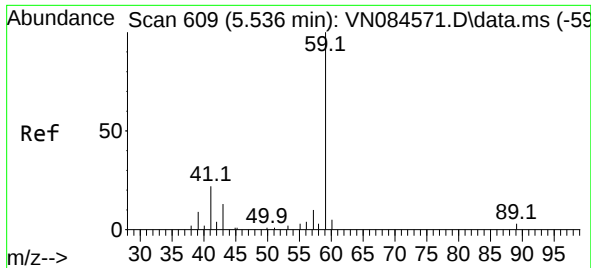
Tgt Ion:101 Resp: 37056  
Ion Ratio Lower Upper  
101 100  
85 45.0 36.2 54.4  
151 77.7 59.3 88.9



#10  
Methyl Iodide  
Concen: 18.131 ug/l  
RT: 4.571 min Scan# 445  
Delta R.T. -0.024 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion:142 Resp: 51914  
Ion Ratio Lower Upper  
142 100  
127 48.2 35.3 52.9  
141 13.2 11.0 16.6

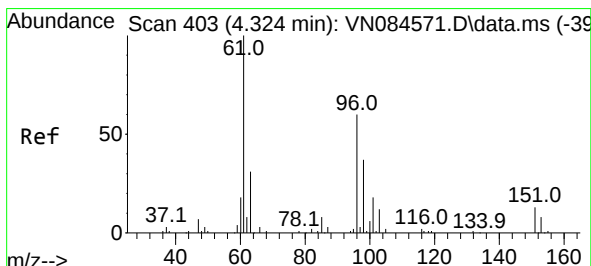
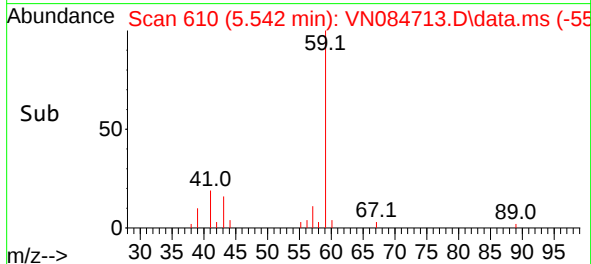
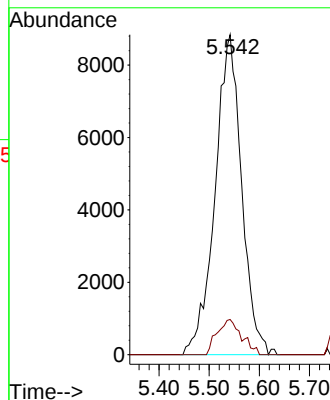
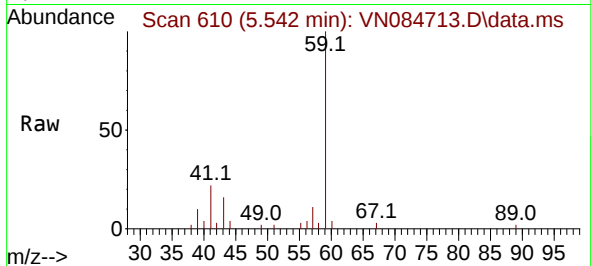




#11  
Tert butyl alcohol  
Concen: 91.768 ug/l  
RT: 5.542 min Scan# 610  
Delta R.T. 0.018 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

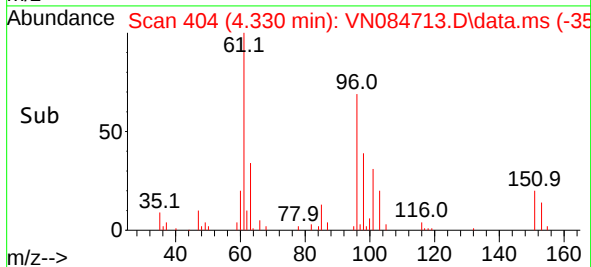
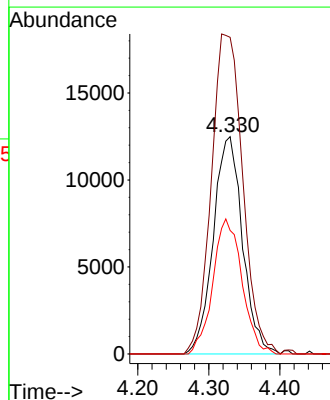
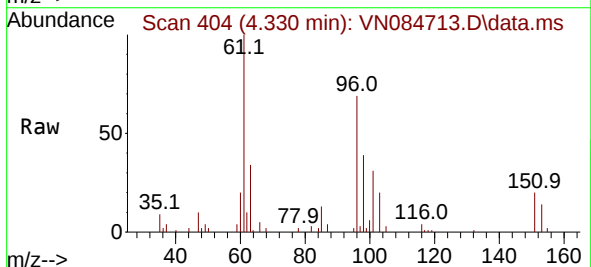
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

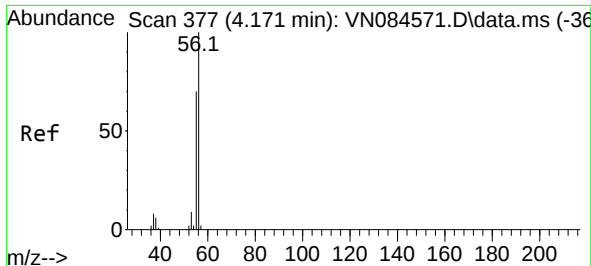
Tgt Ion: 59 Resp: 32568  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.2 12.2



#12  
1,1-Dichloroethene  
Concen: 16.806 ug/l  
RT: 4.330 min Scan# 404  
Delta R.T. -0.012 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 96 Resp: 35627  
Ion Ratio Lower Upper  
96 100  
61 145.7 128.6 192.8  
98 56.9 51.7 77.5





#13

Acrolein

Concen: 101.277 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

Instrument :

MSVOA\_N

ClientSampleId :

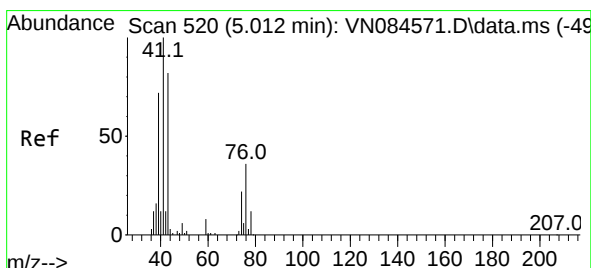
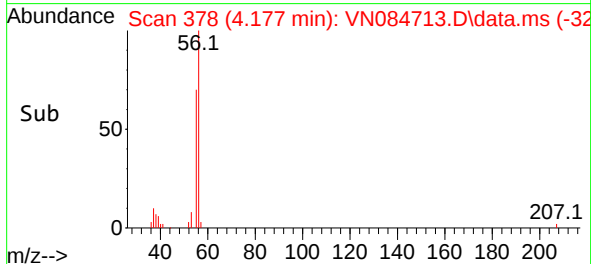
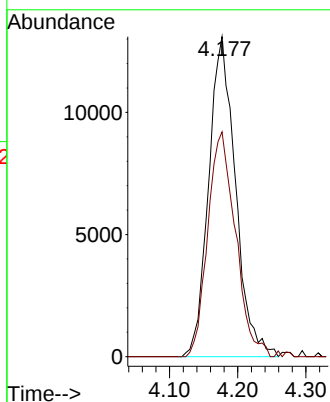
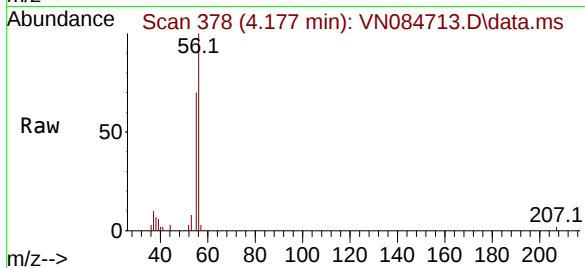
VN1106WBSD02

Tgt Ion: 56 Resp: 35841

Ion Ratio Lower Upper

56 100

55 72.6 57.2 85.8



#14

Allyl chloride

Concen: 16.792 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.018 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

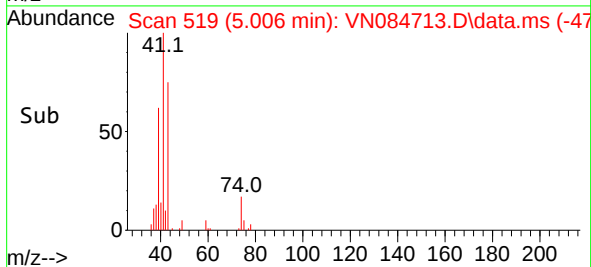
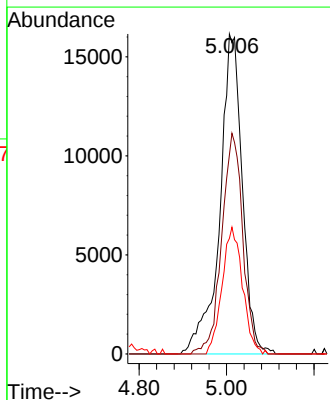
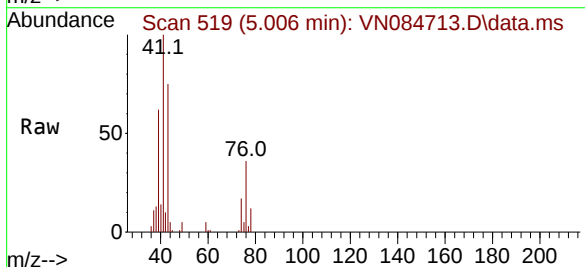
Tgt Ion: 41 Resp: 57728

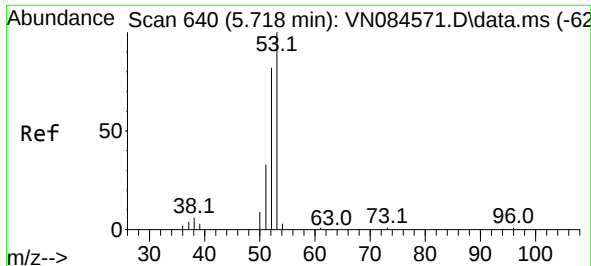
Ion Ratio Lower Upper

41 100

39 64.4 59.0 88.6

76 35.9 29.8 44.6

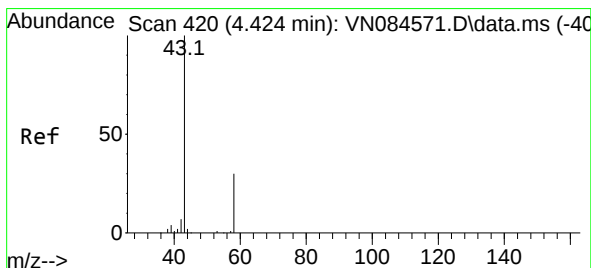
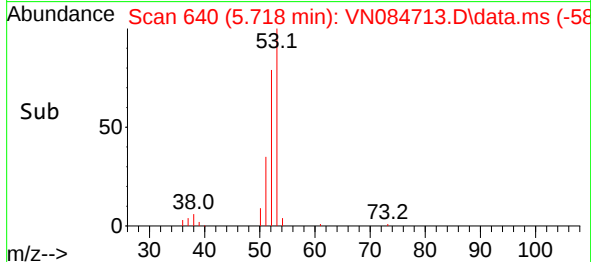
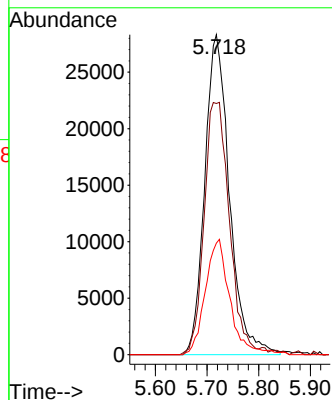
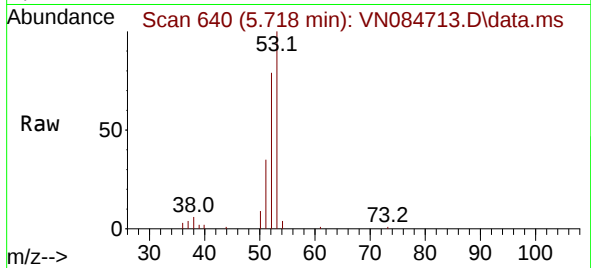




#15  
Acrylonitrile  
Concen: 91.426 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

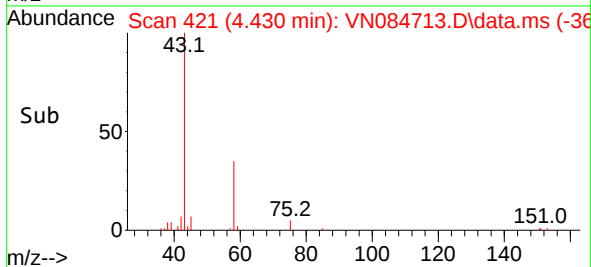
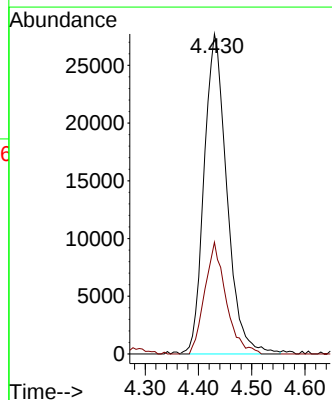
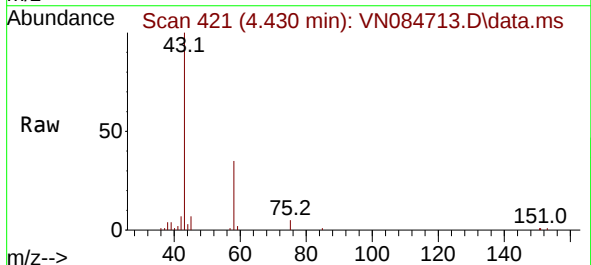
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

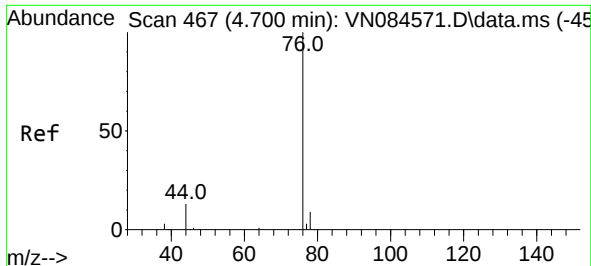
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 53 | Resp: | 93932       |
| Ion         | Ratio | Lower Upper |
| 53          | 100   |             |
| 52          | 80.6  | 66.2 99.4   |
| 51          | 36.1  | 28.8 43.2   |



#16  
Acetone  
Concen: 104.321 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 82312       |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 58          | 34.9  | 24.4 36.6   |

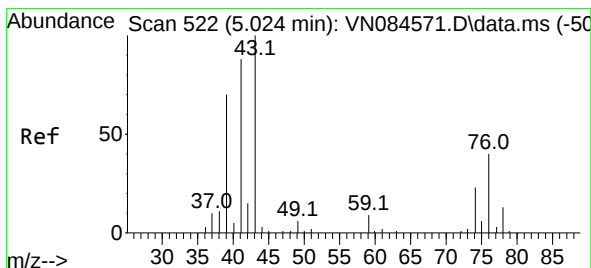
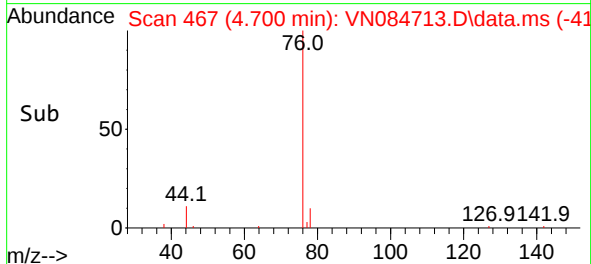
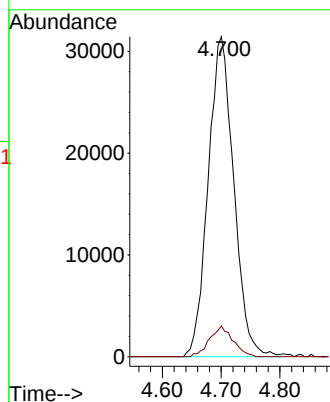
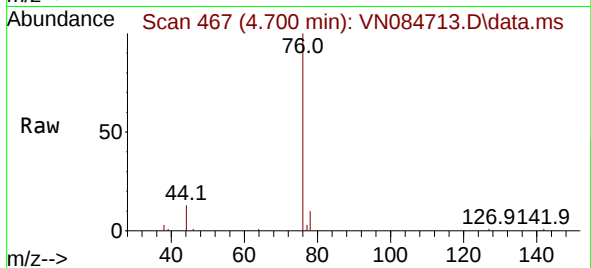




#17  
Carbon Disulfide  
Concen: 14.576 ug/l  
RT: 4.700 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

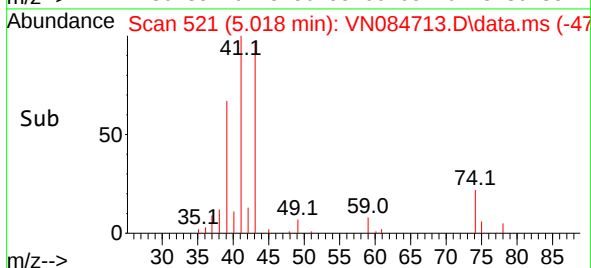
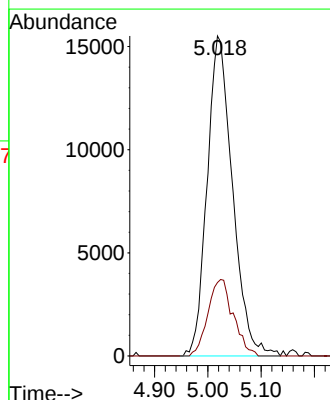
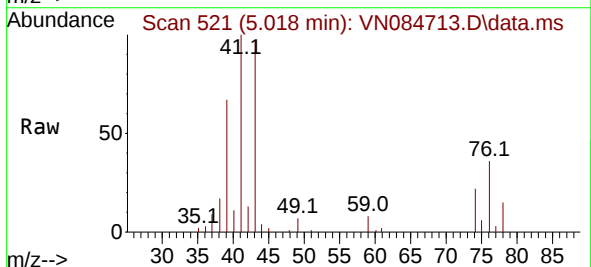
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

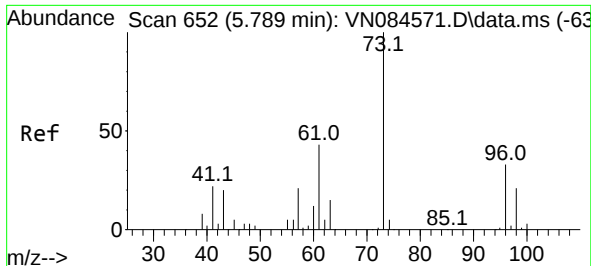
Tgt Ion: 76 Resp: 95154  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.3 10.9



#18  
Methyl Acetate  
Concen: 15.330 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 43 Resp: 51345  
Ion Ratio Lower Upper  
43 100  
74 23.8 19.2 28.8

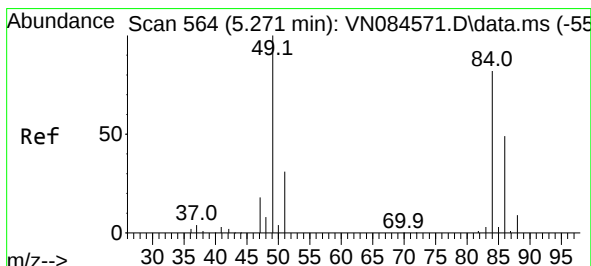
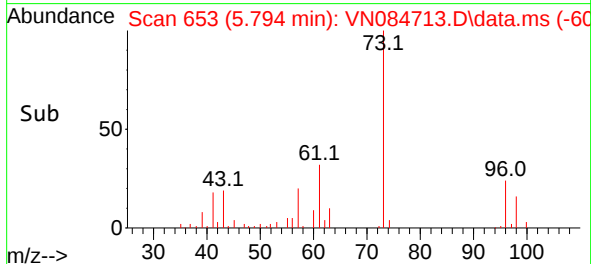
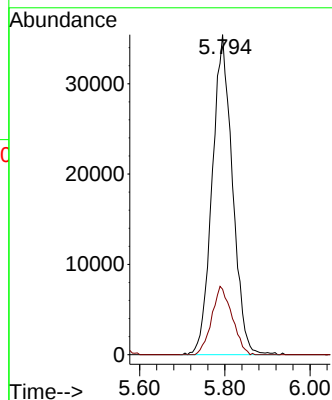
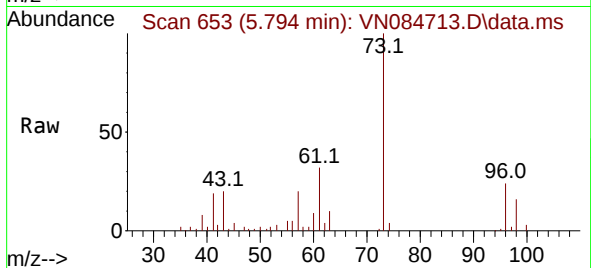




#19  
Methyl tert-butyl Ether  
Concen: 18.024 ug/l  
RT: 5.794 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

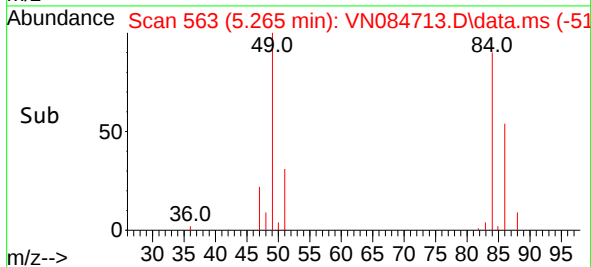
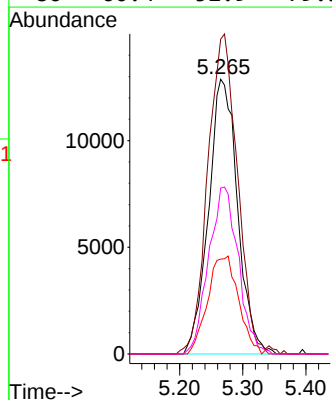
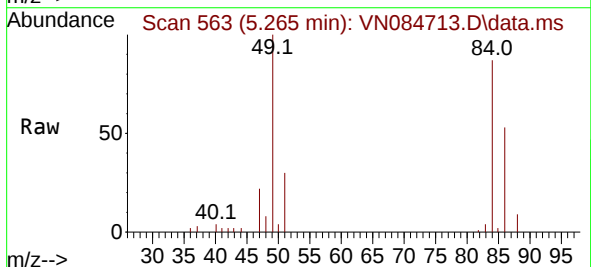
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

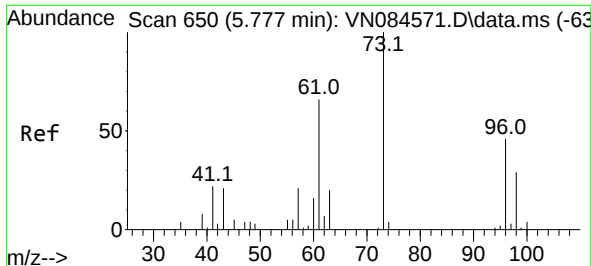
Tgt Ion: 73 Resp: 117112  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.7 26.5



#20  
Methylene Chloride  
Concen: 17.370 ug/l  
RT: 5.265 min Scan# 563  
Delta R.T. -0.012 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 84 Resp: 41076  
Ion Ratio Lower Upper  
84 100  
49 114.5 107.2 160.8  
51 34.5 31.8 47.8  
86 60.4 52.9 79.3

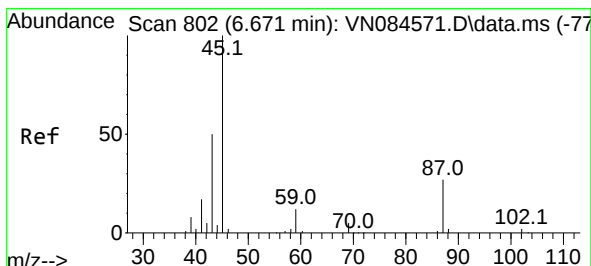
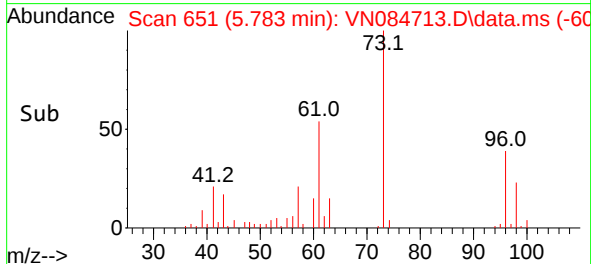
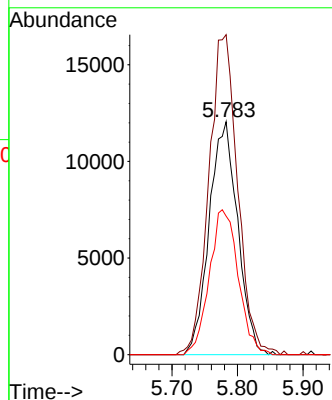
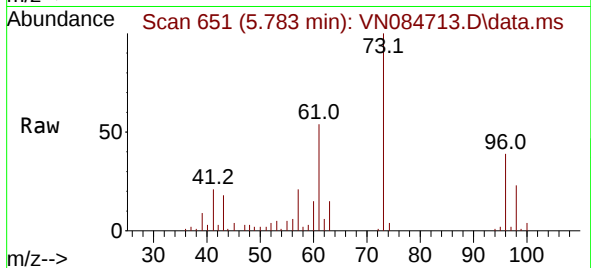




#21  
trans-1,2-Dichloroethene  
Concen: 16.696 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

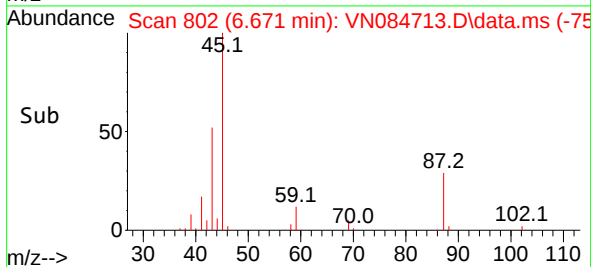
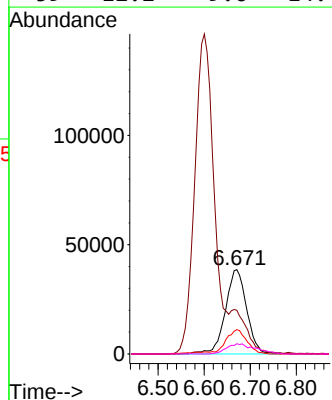
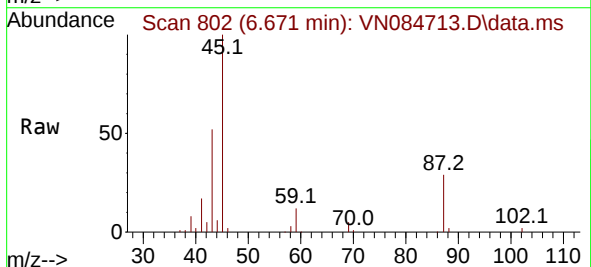
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

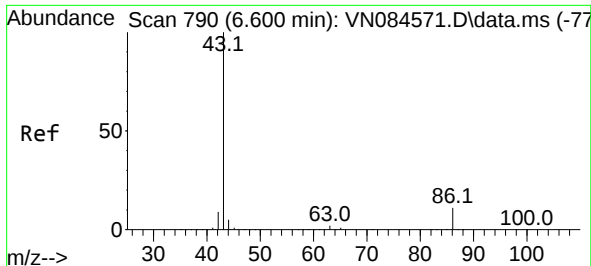
Tgt Ion: 96 Resp: 36342  
Ion Ratio Lower Upper  
96 100  
61 137.4 108.4 162.6  
98 59.5 49.8 74.8



#22  
Diisopropyl ether  
Concen: 18.092 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 45 Resp: 123591  
Ion Ratio Lower Upper  
45 100  
43 50.4 42.3 63.5  
87 28.9 21.8 32.6  
59 12.2 9.6 14.4

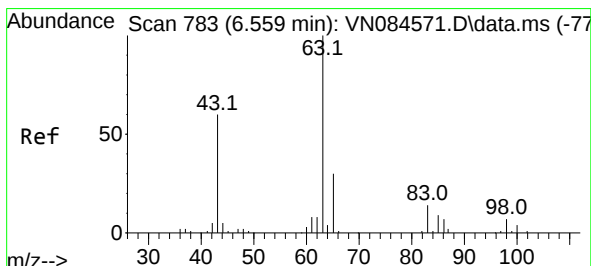
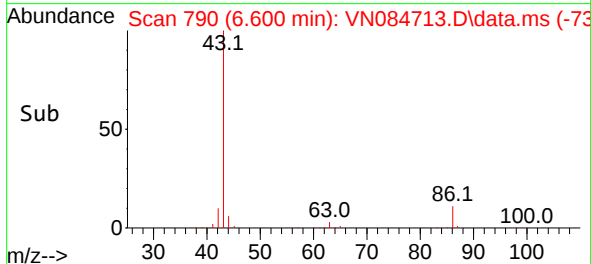
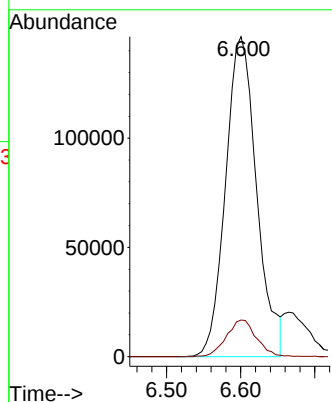
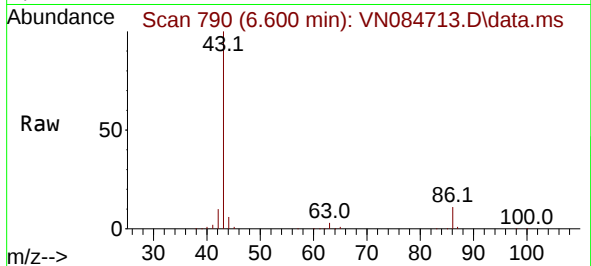




#23  
 Vinyl Acetate  
 Concen: 90.580 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN084713.D  
 Acq: 06 Nov 2024 16:02

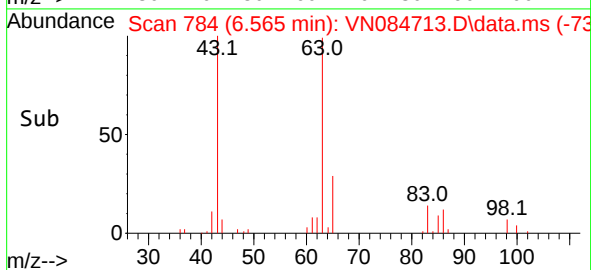
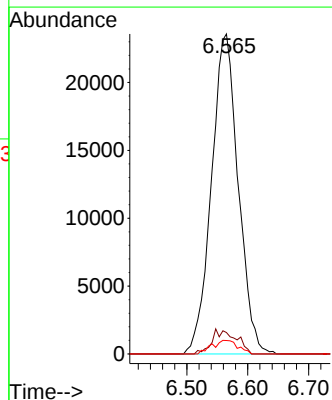
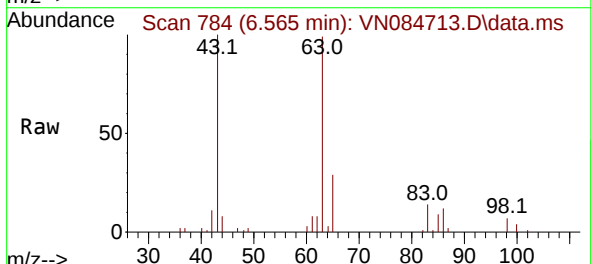
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 ClientSampleId :  
 VN1106WBSD02

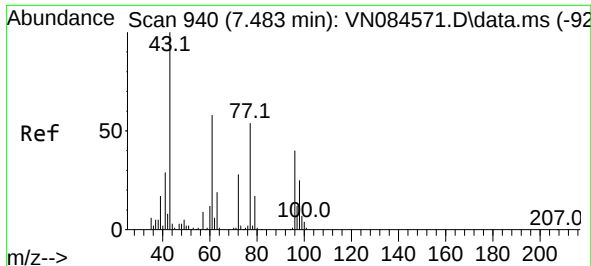
Tgt Ion: 43 Resp: 426709  
 Ion Ratio Lower Upper  
 43 100  
 86 11.4 8.6 12.8



#24  
 1,1-Dichloroethane  
 Concen: 17.582 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.006 min  
 Lab File: VN084713.D  
 Acq: 06 Nov 2024 16:02

Tgt Ion: 63 Resp: 72109  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.4 10.2  
 100 4.2 2.0 5.8

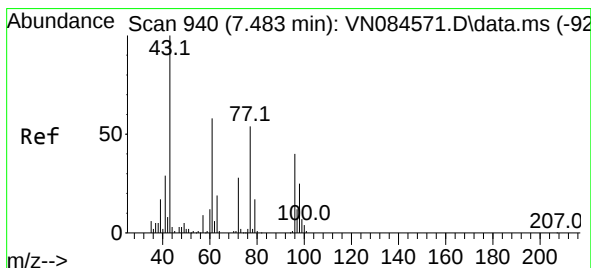
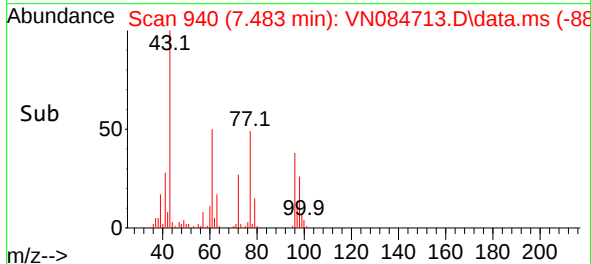
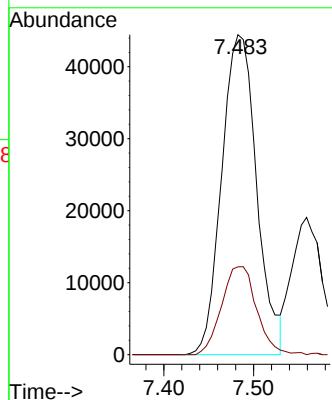
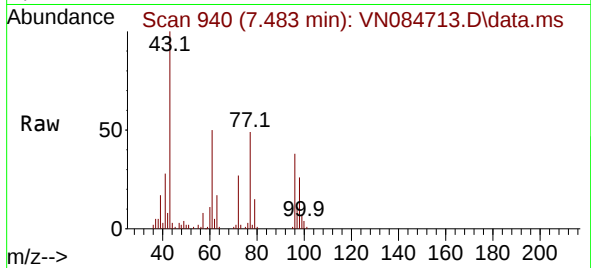




#25  
2-Butanone  
Concen: 95.945 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

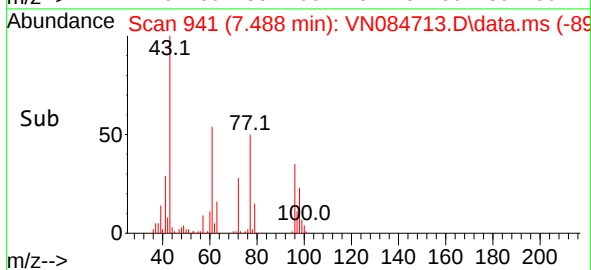
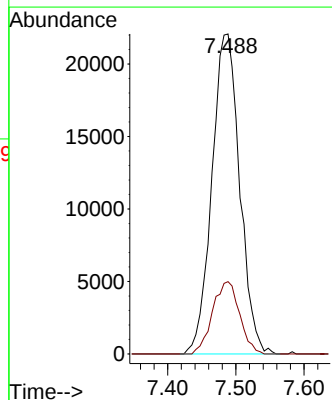
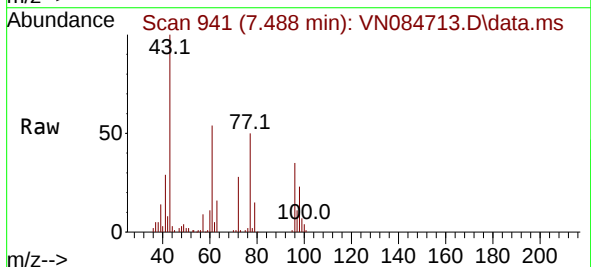
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

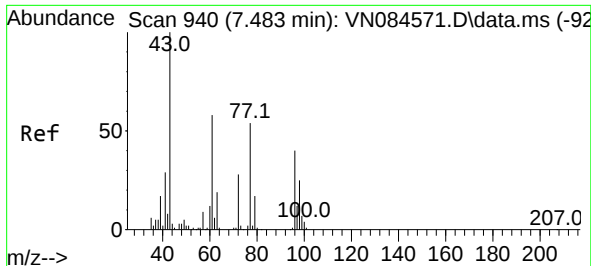
Tgt Ion: 43 Resp: 120349  
Ion Ratio Lower Upper  
43 100  
72 27.4 21.4 32.2



#26  
2,2-Dichloropropane  
Concen: 17.547 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 77 Resp: 62635  
Ion Ratio Lower Upper  
77 100  
97 21.9 10.8 32.3

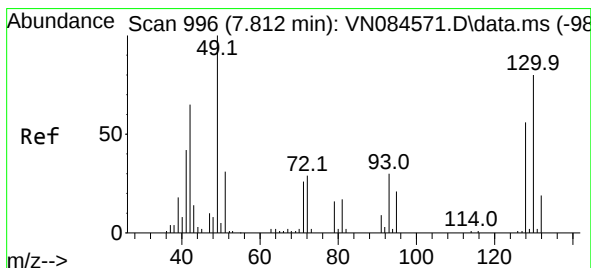
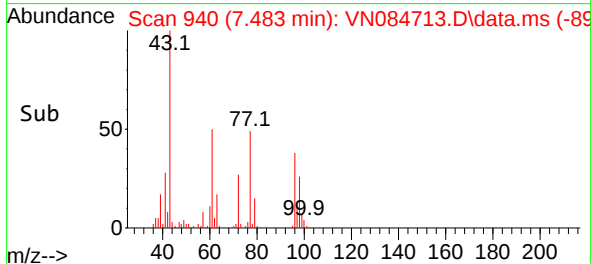
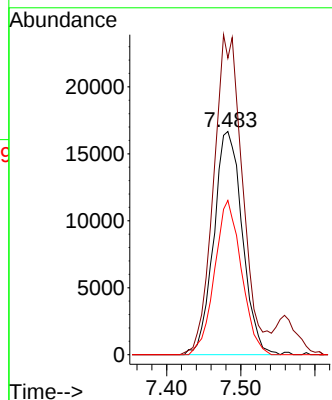
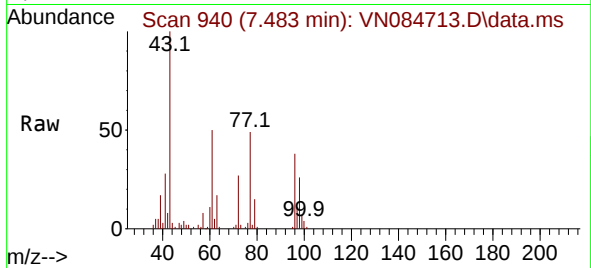




#27  
 cis-1,2-Dichloroethene  
 Concen: 17.510 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. -0.006 min  
 Lab File: VN084713.D  
 Acq: 06 Nov 2024 16:02

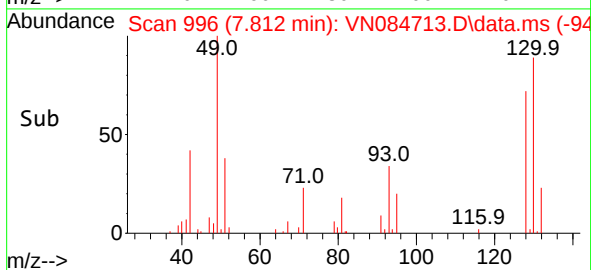
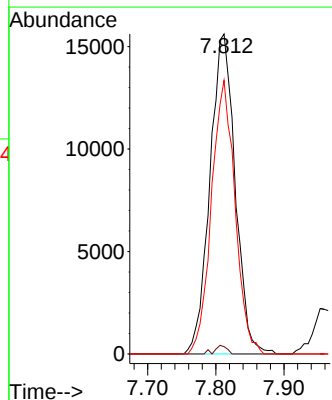
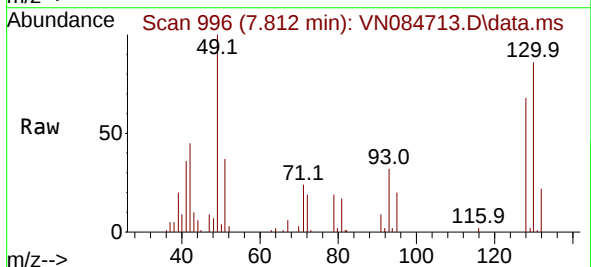
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1106WBSD02

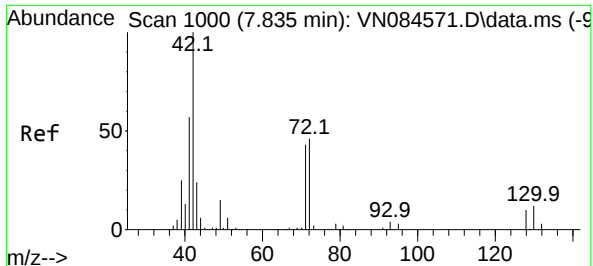
Tgt Ion: 96 Resp: 44505  
 Ion Ratio Lower Upper  
 96 100  
 61 146.6 0.0 301.8  
 98 65.2 0.0 128.2



#28  
 Bromochloromethane  
 Concen: 24.652 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.000 min  
 Lab File: VN084713.D  
 Acq: 06 Nov 2024 16:02

Tgt Ion: 49 Resp: 40282  
 Ion Ratio Lower Upper  
 49 100  
 129 1.3 0.0 3.6  
 130 79.7 58.0 87.0





#29

Tetrahydrofuran

Concen: 90.368 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBSD02

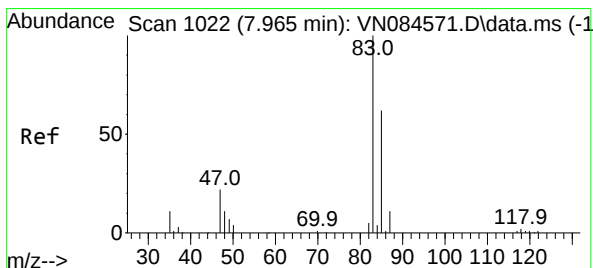
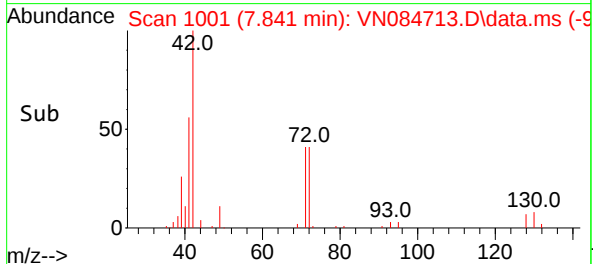
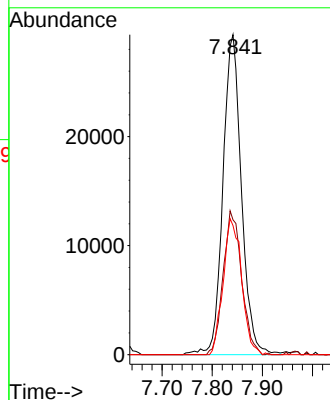
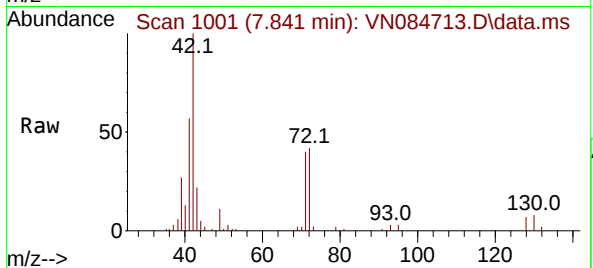
Tgt Ion: 42 Resp: 75200

Ion Ratio Lower Upper

42 100

72 44.9 34.6 51.8

71 42.5 32.2 48.4



#30

Chloroform

Concen: 17.719 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN084713.D

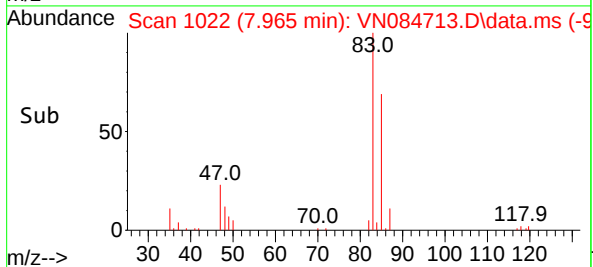
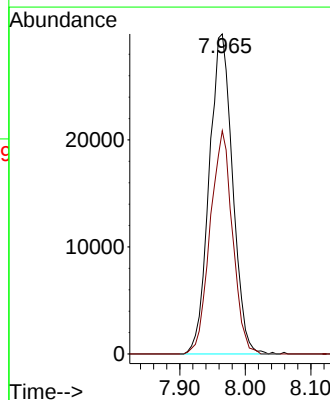
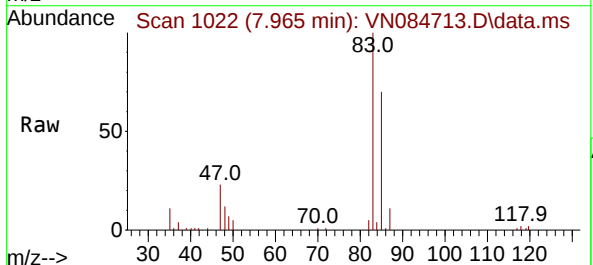
Acq: 06 Nov 2024 16:02

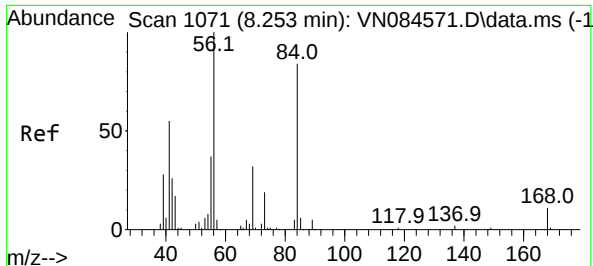
Tgt Ion: 83 Resp: 73967

Ion Ratio Lower Upper

83 100

85 69.8 51.0 76.4

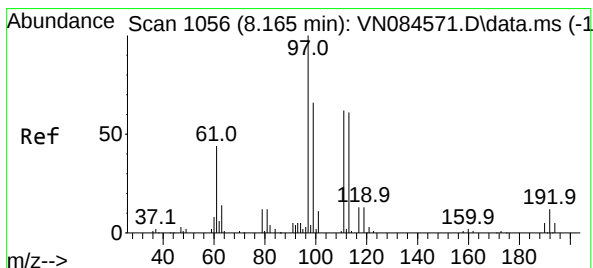
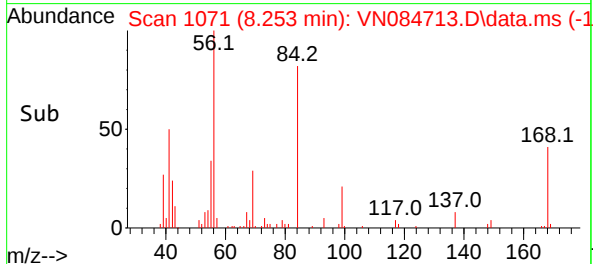
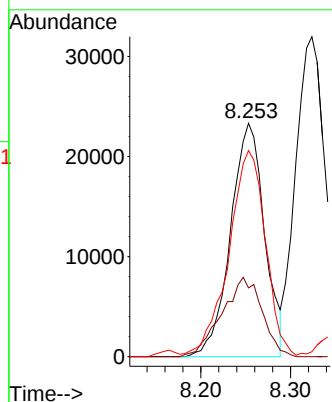
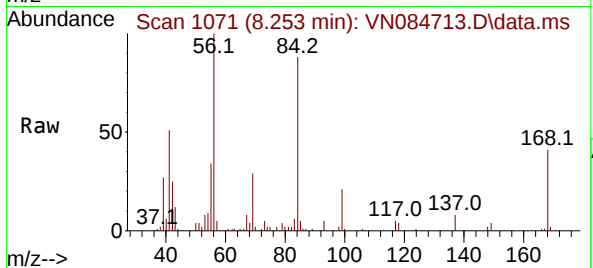




#31  
Cyclohexane  
Concen: 16.536 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

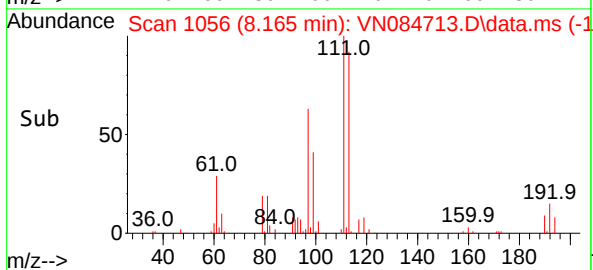
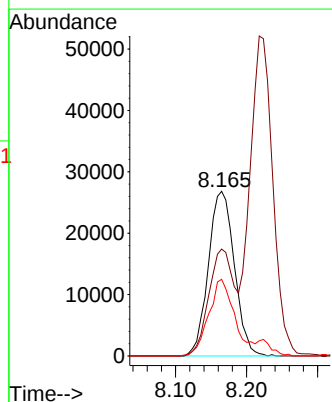
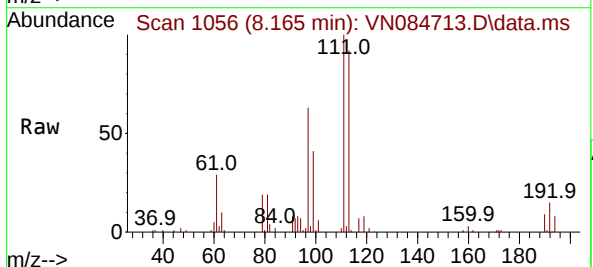
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

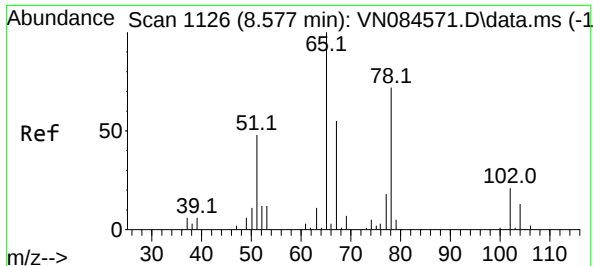
Tgt Ion: 56 Resp: 61381  
Ion Ratio Lower Upper  
56 100  
69 29.5 23.8 35.6  
84 87.2 68.8 103.2



#32  
1,1,1-Trichloroethane  
Concen: 17.953 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 97 Resp: 68211  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.2 76.8  
61 46.9 37.5 56.3

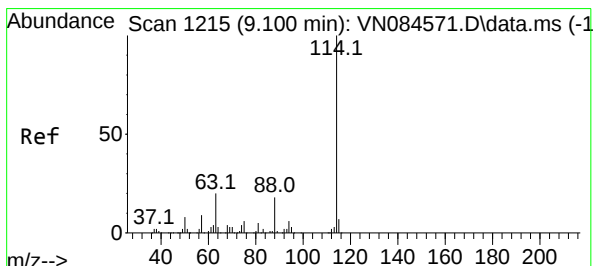
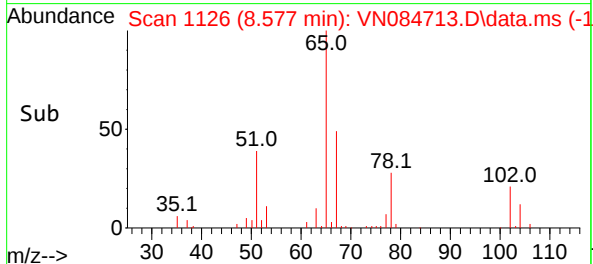
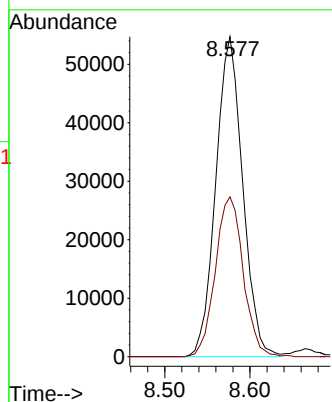
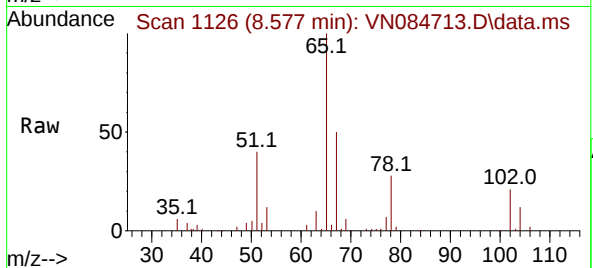




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.678 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. -0.000 min  
 Lab File: VN084713.D  
 Acq: 06 Nov 2024 16:02

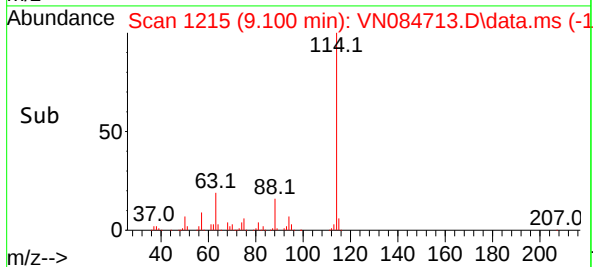
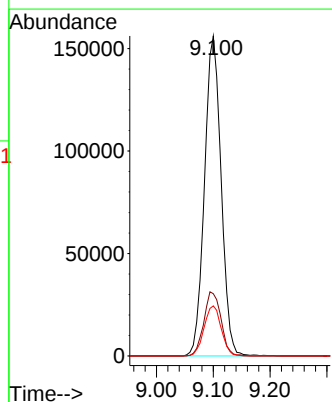
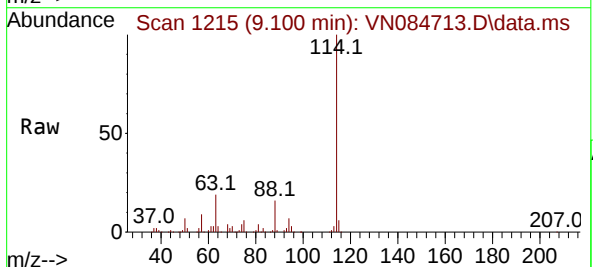
Instrument :  
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 ClientSampleId :  
 VN1106WBSD02

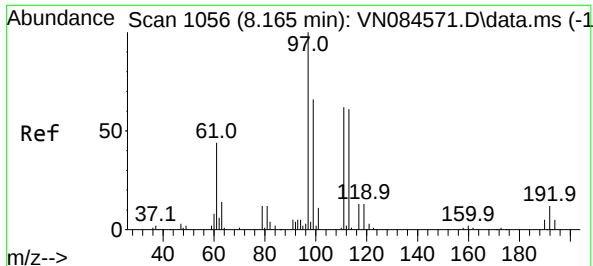
Tgt Ion: 65 Resp: 120125  
 Ion Ratio Lower Upper  
 65 100  
 67 51.7 0.0 102.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.000 min  
 Lab File: VN084713.D  
 Acq: 06 Nov 2024 16:02

Tgt Ion: 114 Resp: 316813  
 Ion Ratio Lower Upper  
 114 100  
 63 19.4 0.0 43.8  
 88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 45.379 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBSD02

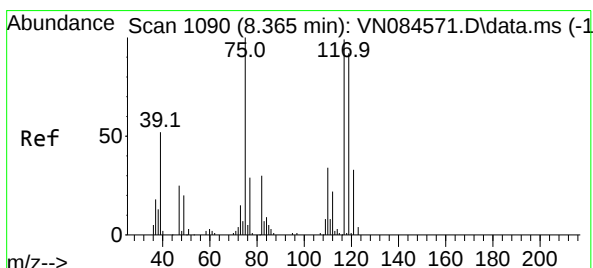
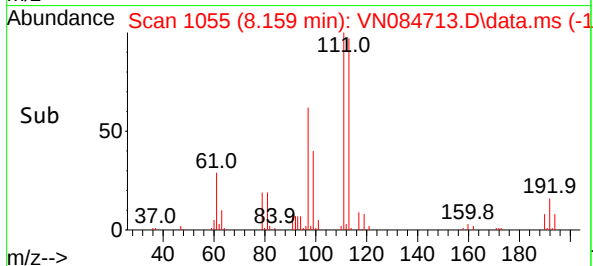
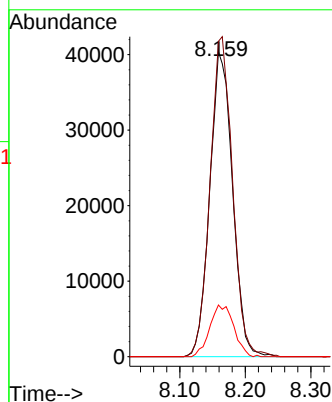
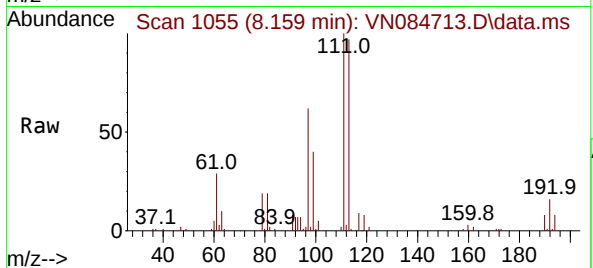
Tgt Ion:113 Resp: 97313

Ion Ratio Lower Upper

113 100

111 103.6 83.3 124.9

192 17.9 13.5 20.3



#36

1,1-Dichloropropene

Concen: 16.624 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

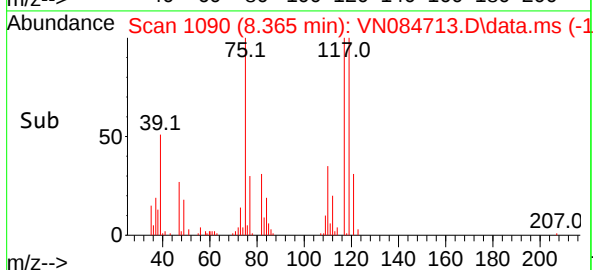
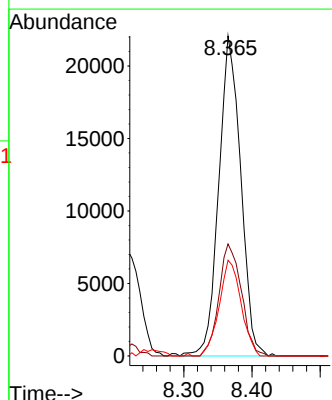
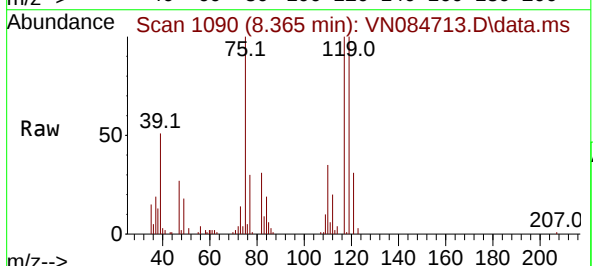
Tgt Ion: 75 Resp: 49440

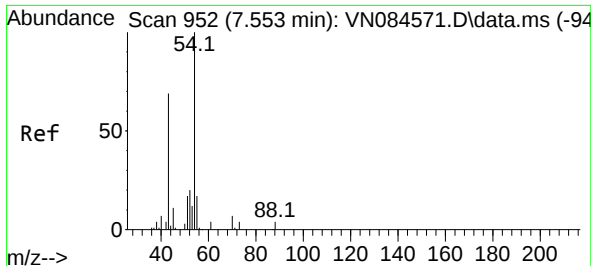
Ion Ratio Lower Upper

75 100

110 35.7 16.9 50.7

77 29.8 24.7 37.1

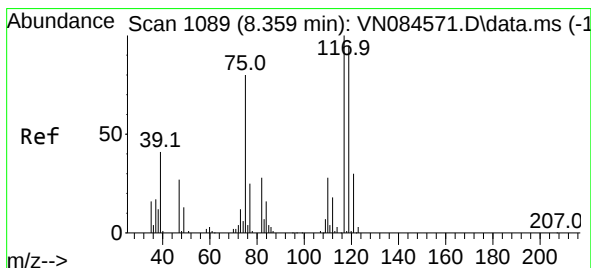
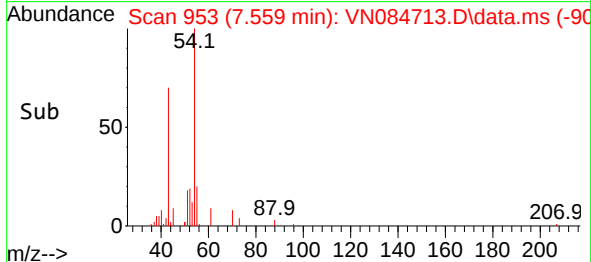
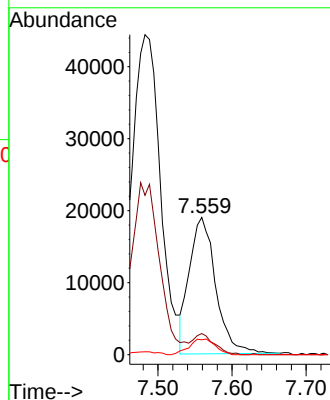
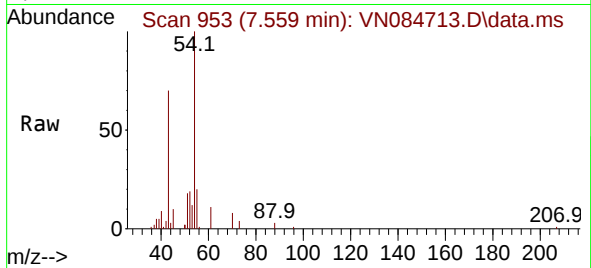




#37  
Ethyl Acetate  
Concen: 17.375 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

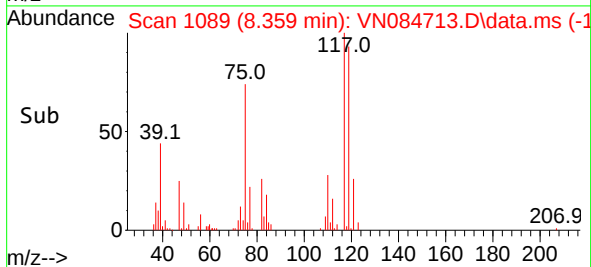
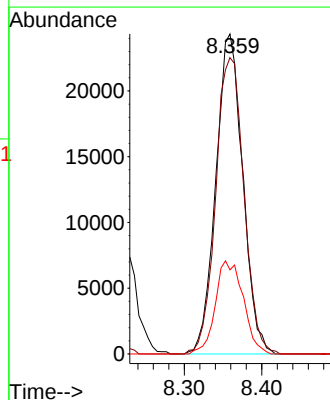
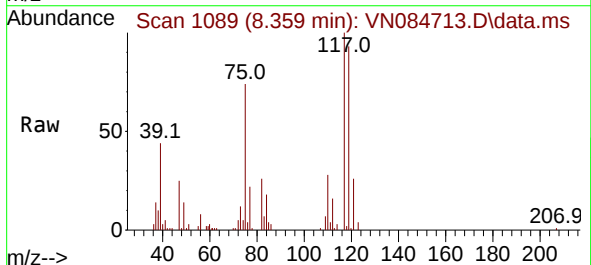
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

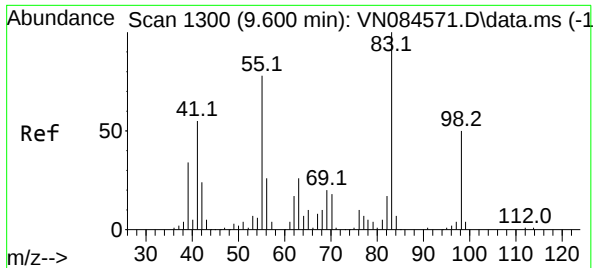
Tgt Ion: 43 Resp: 46885  
Ion Ratio Lower Upper  
43 100  
61 12.1 10.7 16.1  
70 11.3 8.8 13.2



#38  
Carbon Tetrachloride  
Concen: 17.702 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 117 Resp: 58845  
Ion Ratio Lower Upper  
117 100  
119 92.6 78.7 118.1  
121 26.3 24.4 36.6





#39

Methylcyclohexane

Concen: 17.064 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBSD02

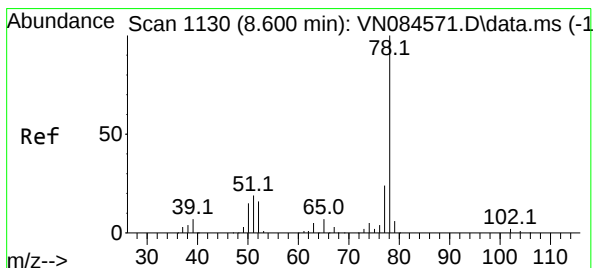
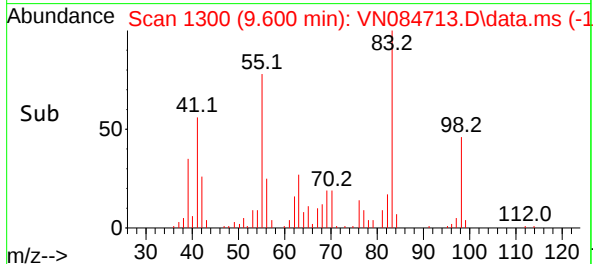
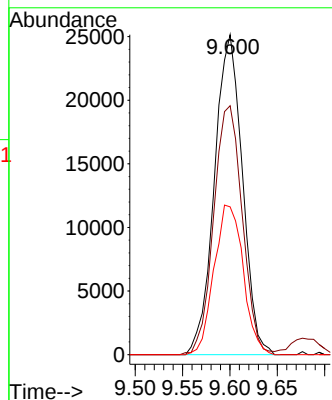
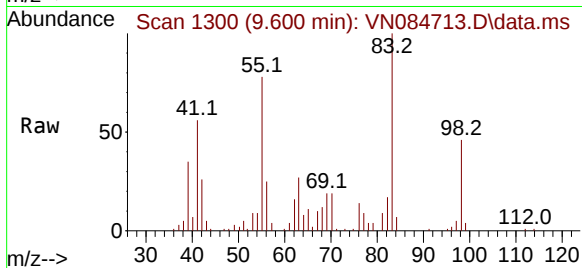
Tgt Ion: 83 Resp: 51630

Ion Ratio Lower Upper

83 100

55 77.8 62.8 94.2

98 46.2 38.8 58.2



#40

Benzene

Concen: 17.283 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084713.D

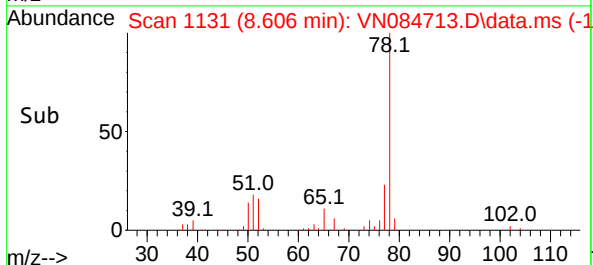
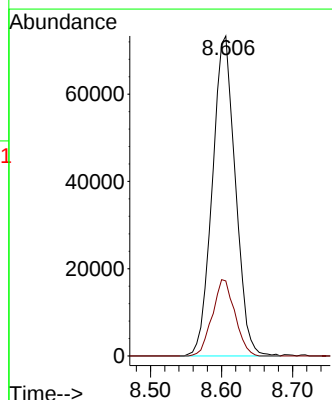
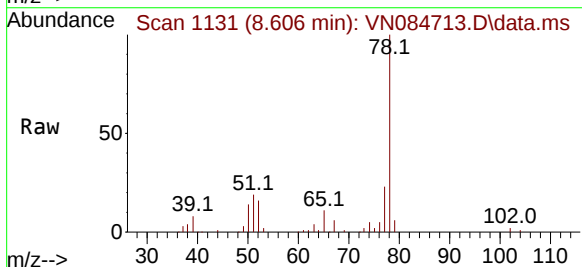
Acq: 06 Nov 2024 16:02

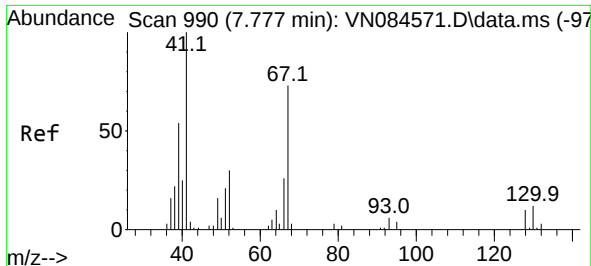
Tgt Ion: 78 Resp: 165068

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7

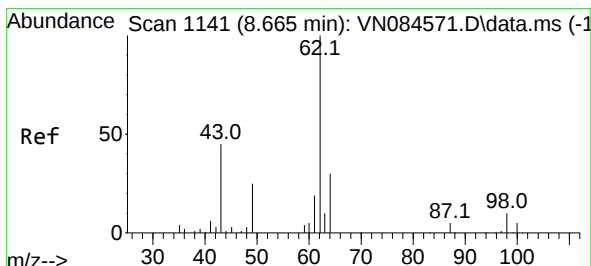
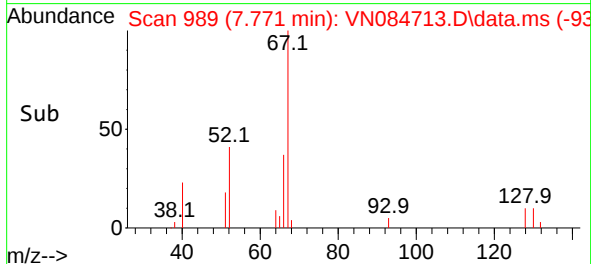
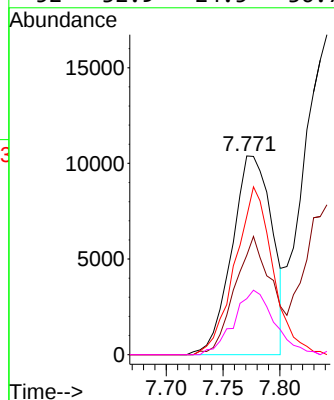
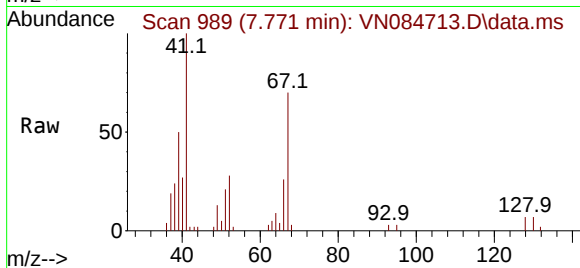




#41  
Methacrylonitrile  
Concen: 17.612 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

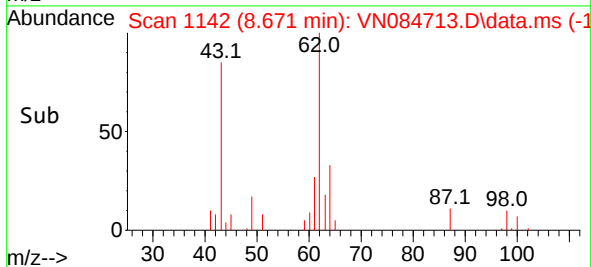
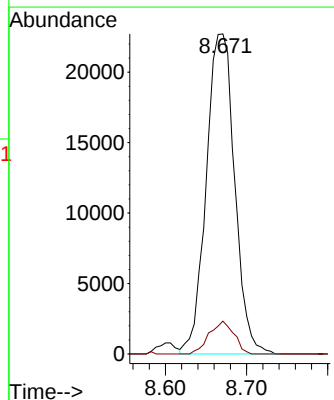
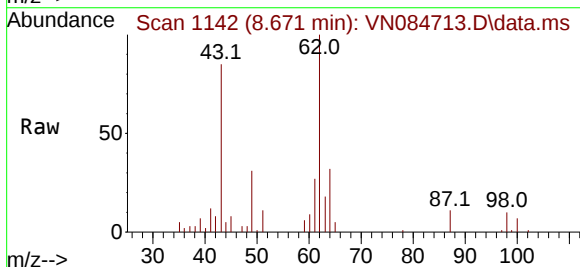
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

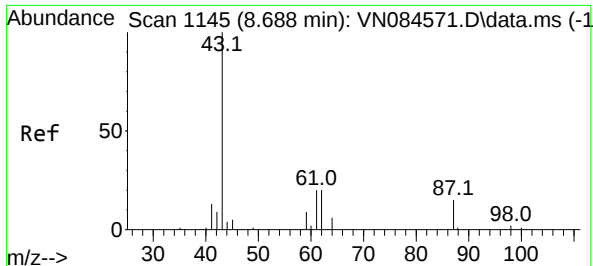
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 25556 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.1  | 43.3  | 64.9  |
| 67       | 79.7  | 56.1  | 84.1  |
| 52       | 32.9  | 24.5  | 36.7  |



#42  
1,2-Dichloroethane  
Concen: 17.880 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 55308 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.9   | 0.0   | 18.2  |

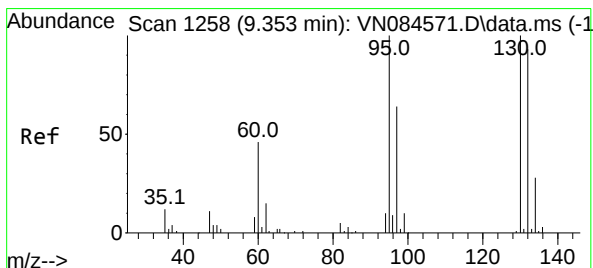
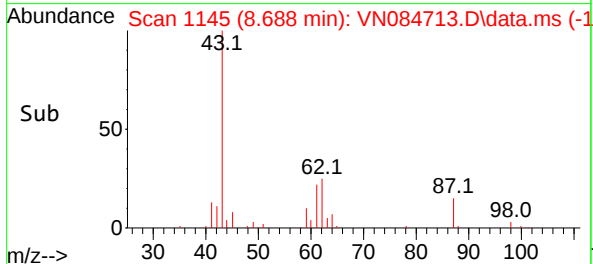
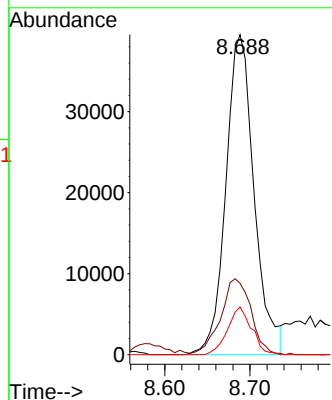
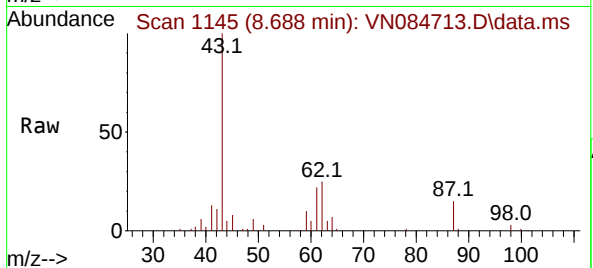




#43  
Isopropyl Acetate  
Concen: 17.635 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

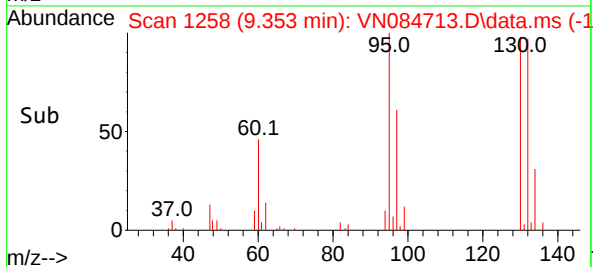
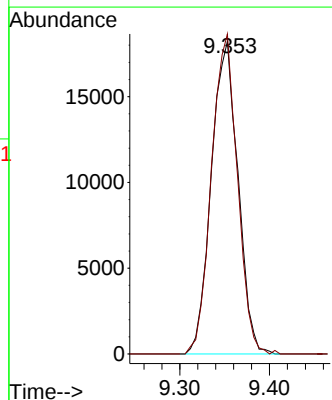
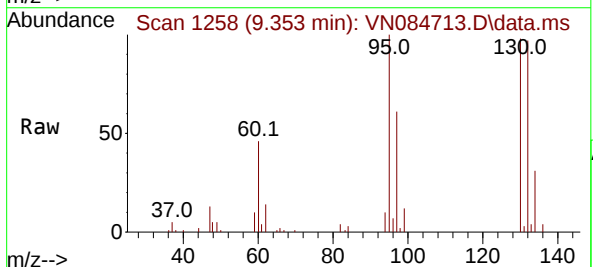
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

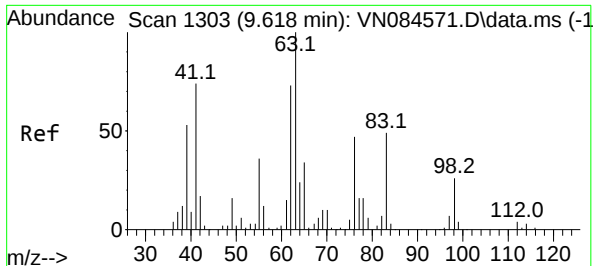
Tgt Ion: 43 Resp: 91023  
Ion Ratio Lower Upper  
43 100  
61 25.4 20.4 30.6  
87 12.6 10.3 15.5



#44  
Trichloroethene  
Concen: 17.048 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 130 Resp: 37552  
Ion Ratio Lower Upper  
130 100  
95 102.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 18.145 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

Instrument :

MSVOA\_N

ClientSampleId :

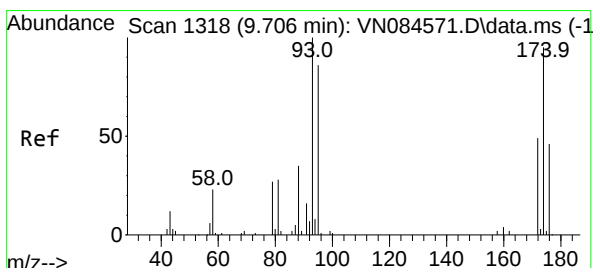
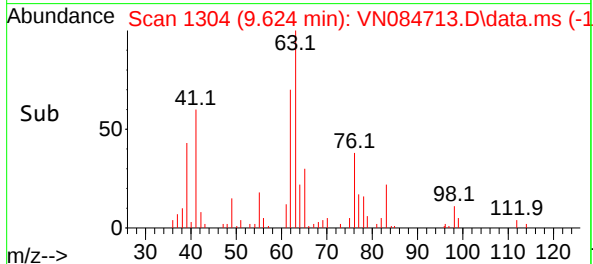
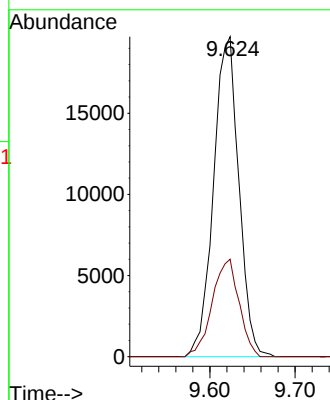
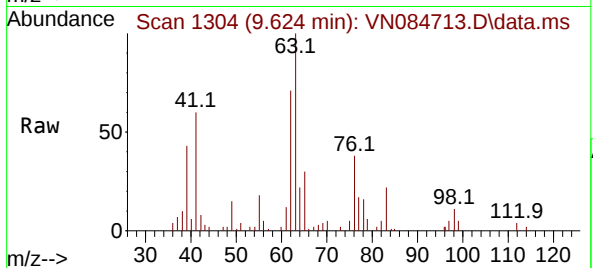
VN1106WBSD02

Tgt Ion: 63 Resp: 40655

Ion Ratio Lower Upper

63 100

65 30.4 24.6 37.0



#46

Dibromomethane

Concen: 18.012 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

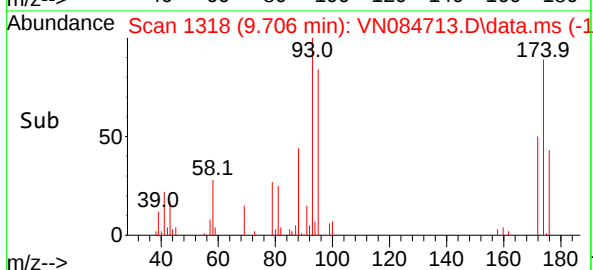
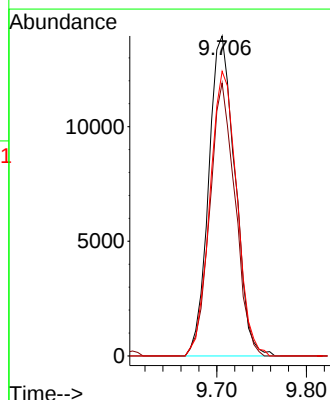
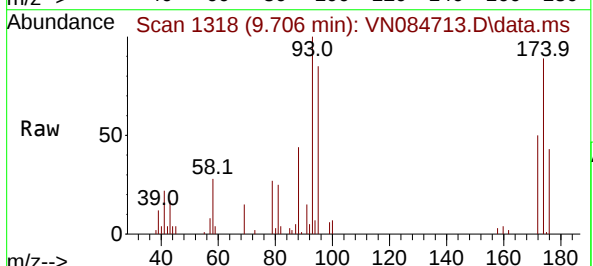
Tgt Ion: 93 Resp: 28476

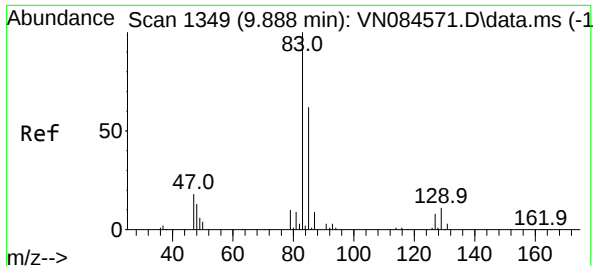
Ion Ratio Lower Upper

93 100

95 82.0 65.0 97.4

174 90.7 71.8 107.8

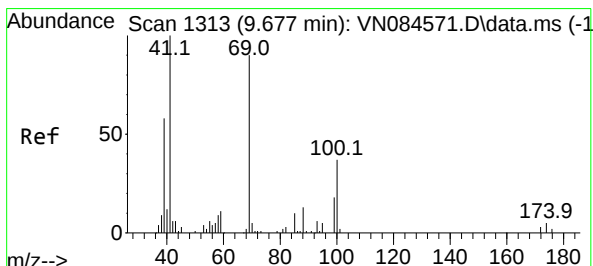
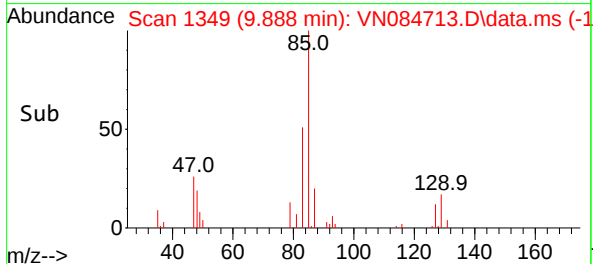
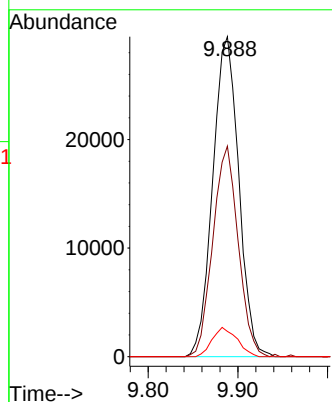
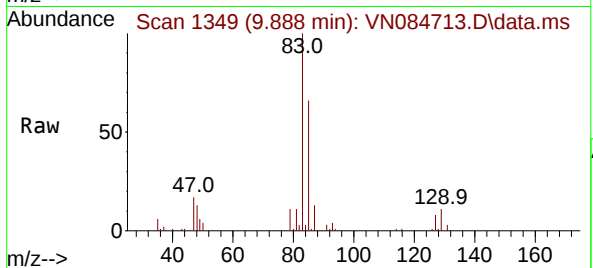




#47  
Bromodichloromethane  
Concen: 17.795 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

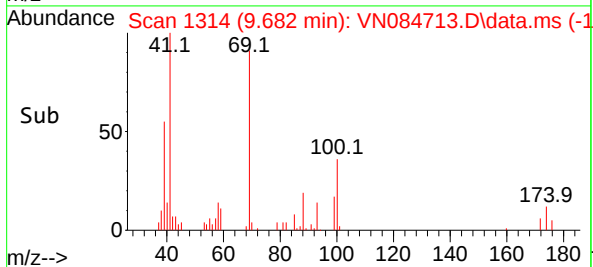
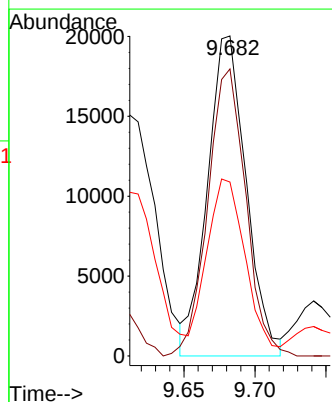
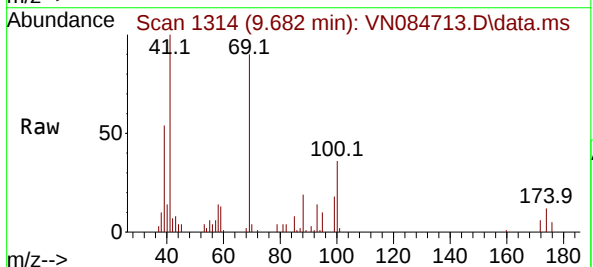
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

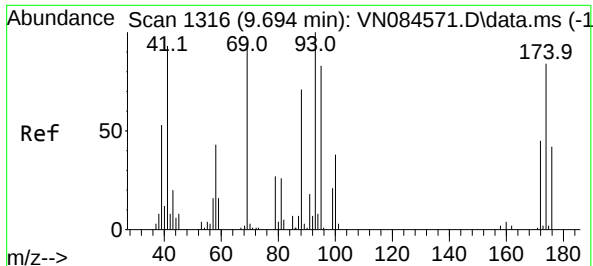
Tgt Ion: 83 Resp: 59302  
Ion Ratio Lower Upper  
83 100  
85 65.8 51.5 77.3  
127 7.9 5.7 8.5



#48  
Methyl methacrylate  
Concen: 18.087 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 41 Resp: 37983  
Ion Ratio Lower Upper  
41 100  
69 87.8 67.1 100.7  
39 55.6 45.8 68.6





#49

1,4-Dioxane

Concen: 381.708 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBSD02

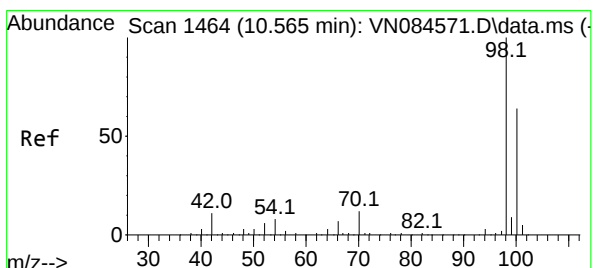
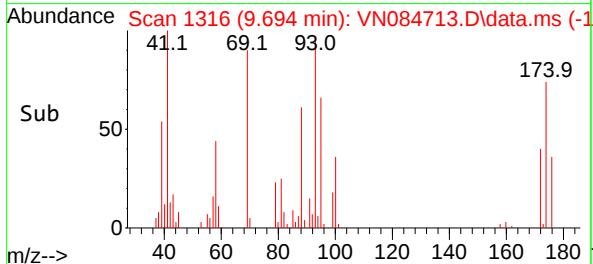
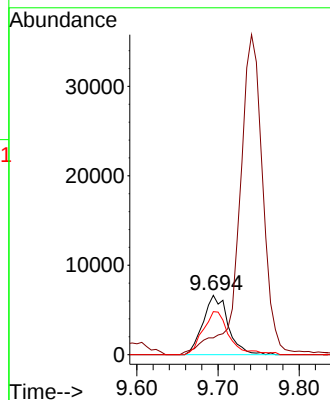
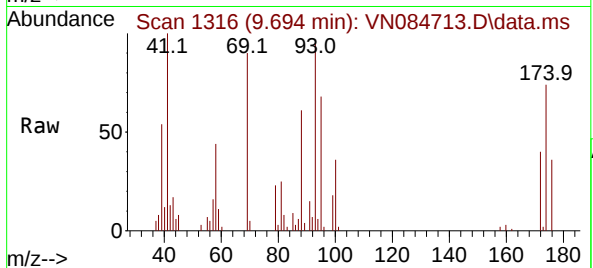
Tgt Ion: 88 Resp: 14205

Ion Ratio Lower Upper

88 100

43 0.0 25.3 37.9#

58 76.3 56.4 84.6



#50

Toluene-d8

Concen: 44.891 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084713.D

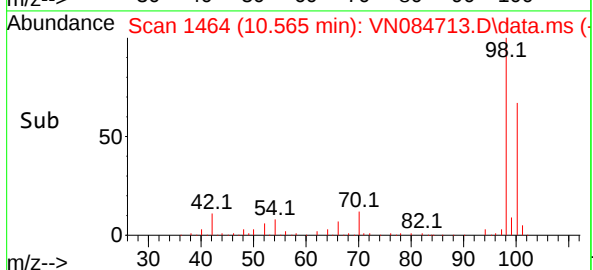
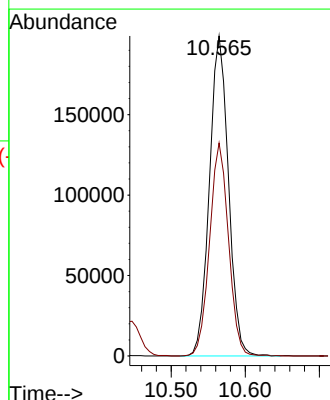
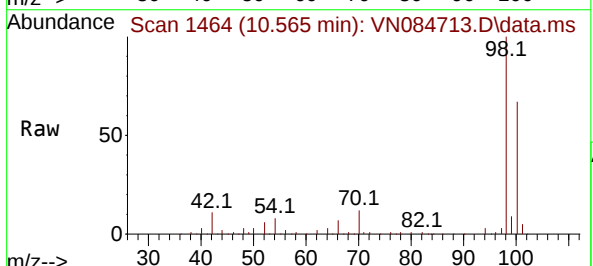
Acq: 06 Nov 2024 16:02

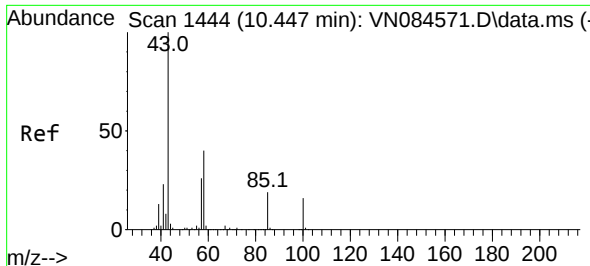
Tgt Ion: 98 Resp: 354613

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1

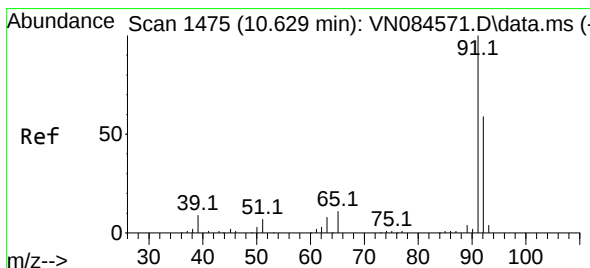
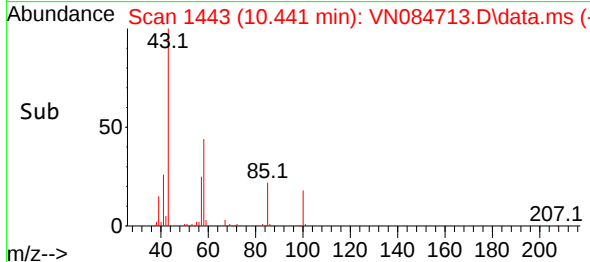
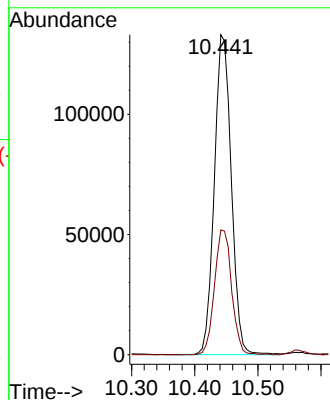
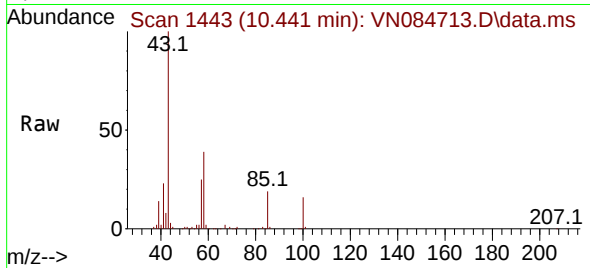




#51  
4-Methyl-2-Pentanone  
Concen: 96.653 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

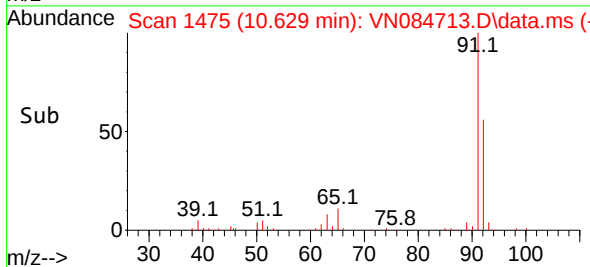
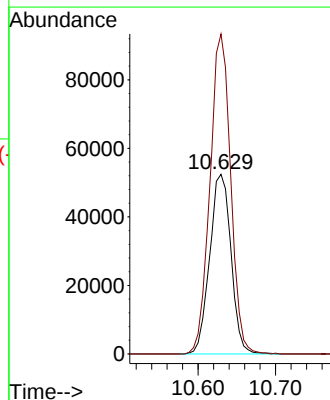
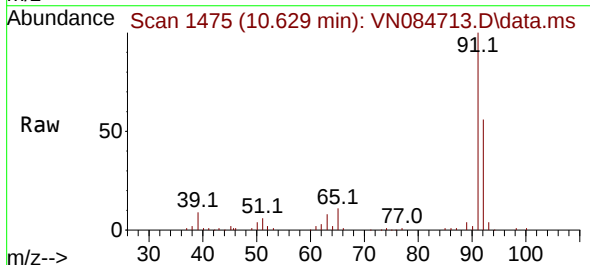
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

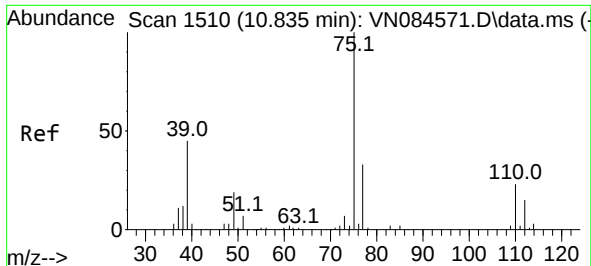
Tgt Ion: 43 Resp: 248625  
Ion Ratio Lower Upper  
43 100  
58 39.4 31.6 47.4



#52  
Toluene  
Concen: 17.923 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 92 Resp: 100115  
Ion Ratio Lower Upper  
92 100  
91 173.0 137.3 205.9

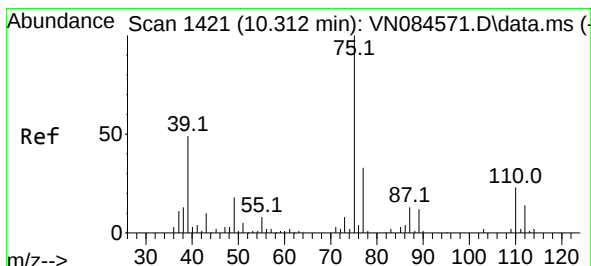
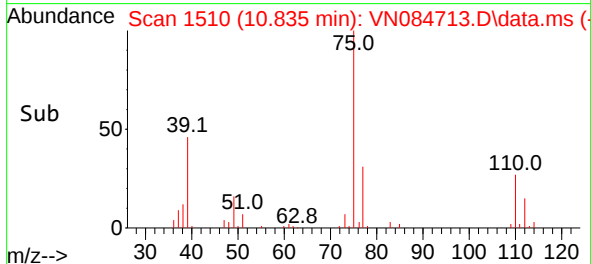
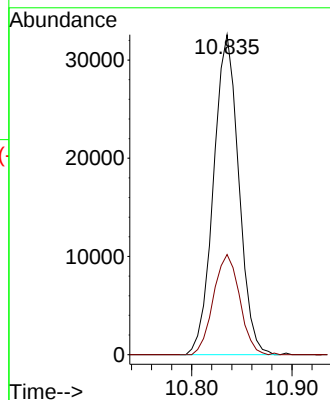
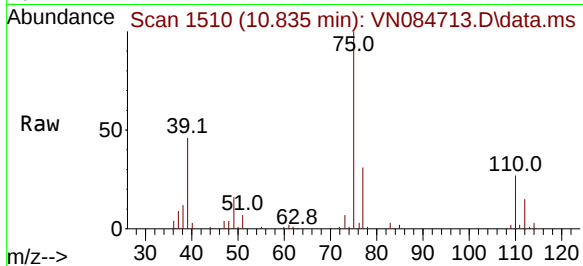




#53  
t-1,3-Dichloropropene  
Concen: 16.508 ug/l  
RT: 10.835 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

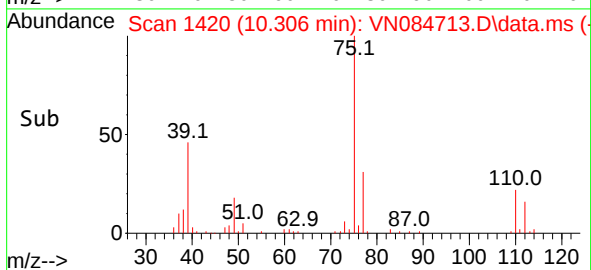
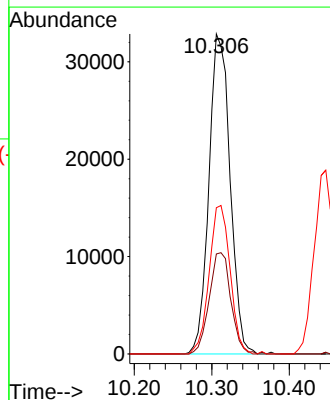
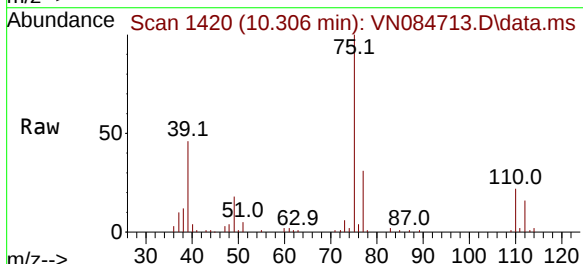
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

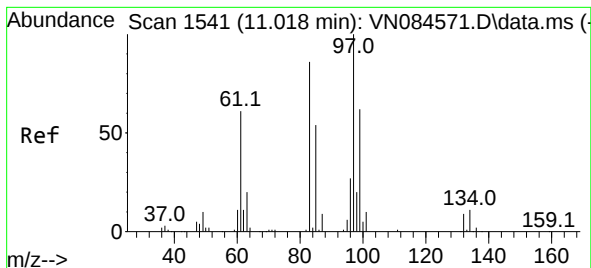
Tgt Ion: 75 Resp: 56947  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 17.080 ug/l  
RT: 10.306 min Scan# 1420  
Delta R.T. -0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 75 Resp: 62359  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.2 36.2  
39 45.7 38.7 58.1

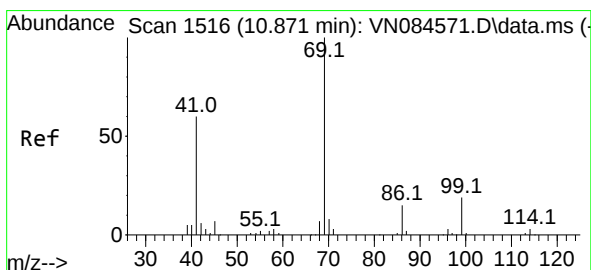
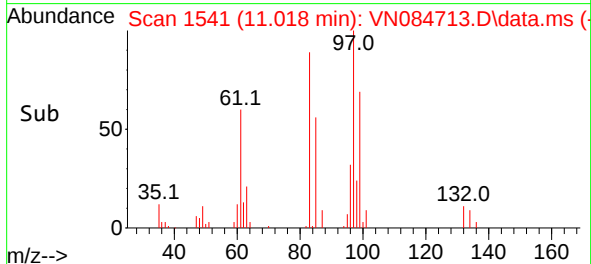
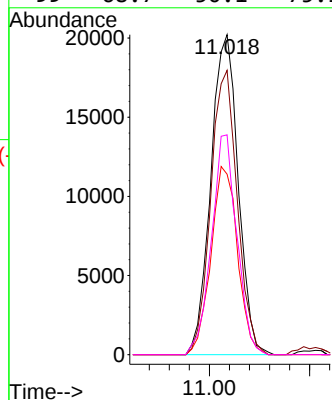
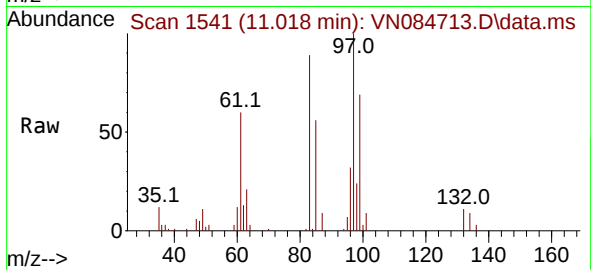




#55  
1,1,2-Trichloroethane  
Concen: 18.184 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. 0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

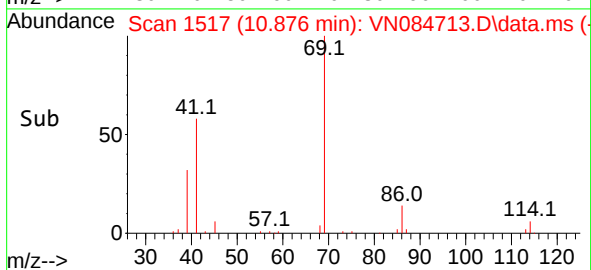
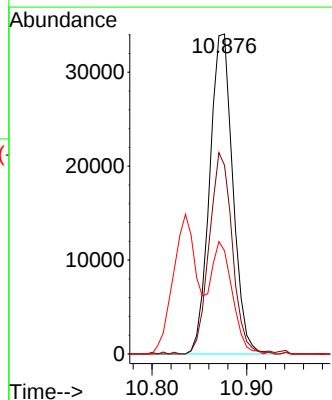
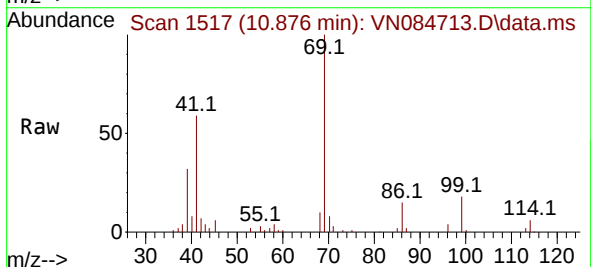
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

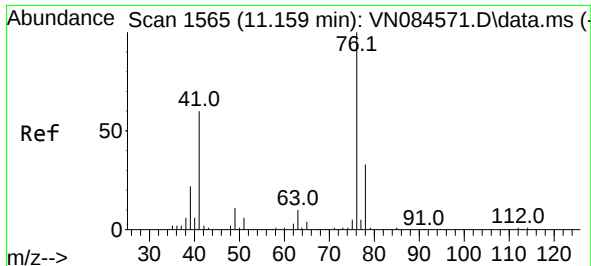
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 38263 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.8  | 71.0  | 106.4 |
| 85       | 56.4  | 41.7  | 62.5  |
| 99       | 68.7  | 50.1  | 75.1  |



#56  
Ethyl methacrylate  
Concen: 19.071 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 58043 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 63.0  | 53.3  | 79.9  |
| 39       | 33.7  | 28.8  | 43.2  |





#57

1,3-Dichloropropane

Concen: 17.595 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

Instrument :

MSVOA\_N

ClientSampleId :

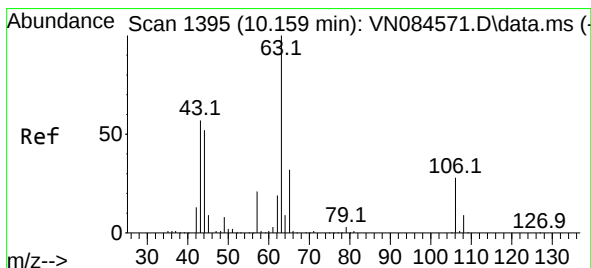
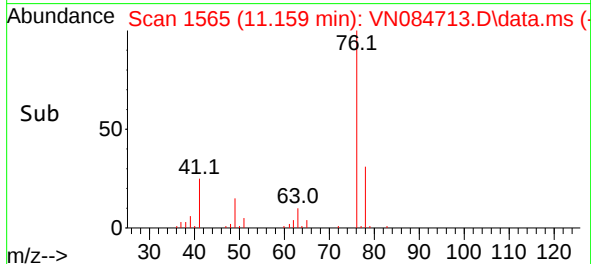
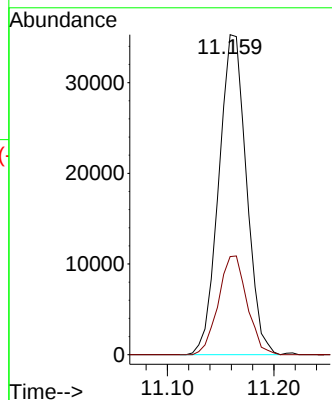
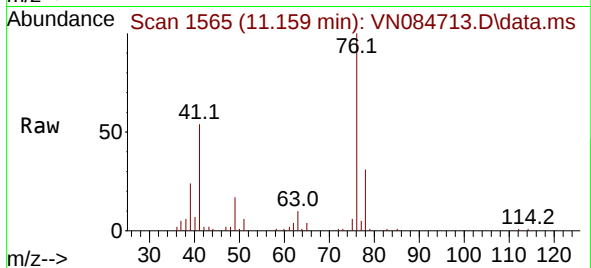
VN1106WBSD02

Tgt Ion: 76 Resp: 63539

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 95.393 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084713.D

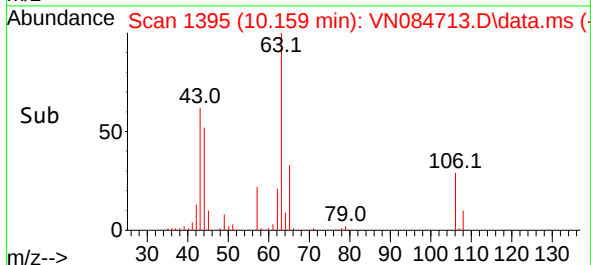
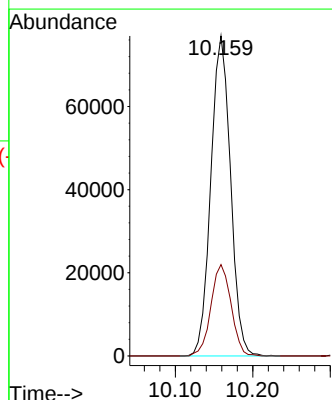
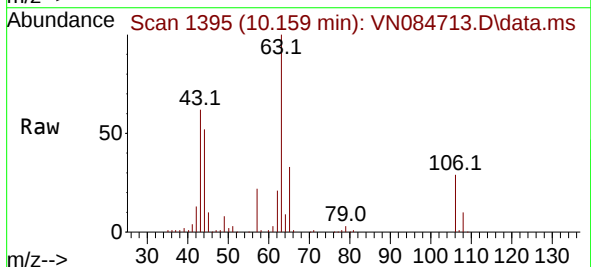
Acq: 06 Nov 2024 16:02

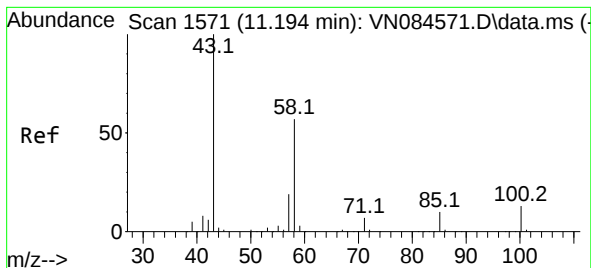
Tgt Ion: 63 Resp: 135858

Ion Ratio Lower Upper

63 100

106 29.2 21.8 32.6

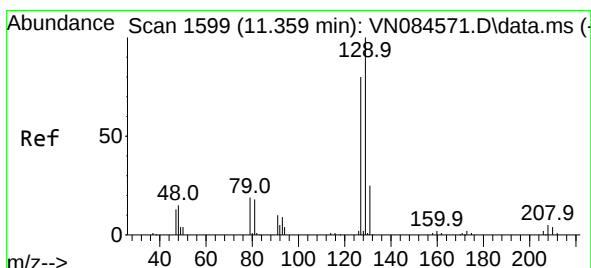
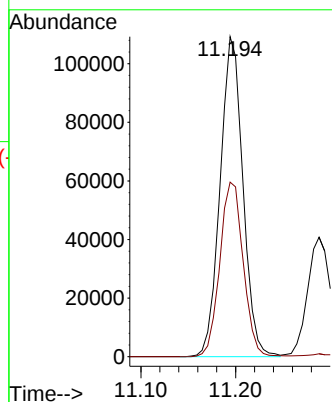
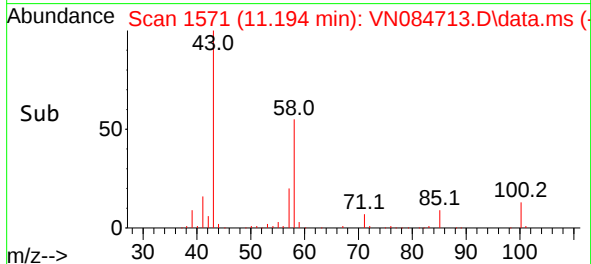
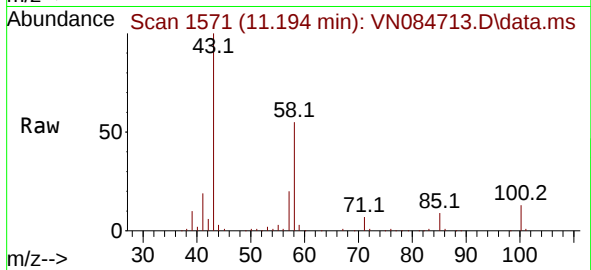




#59  
2-Hexanone  
Concen: 97.556 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

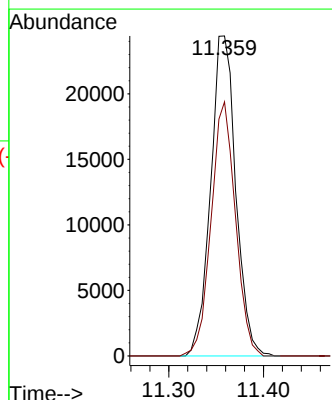
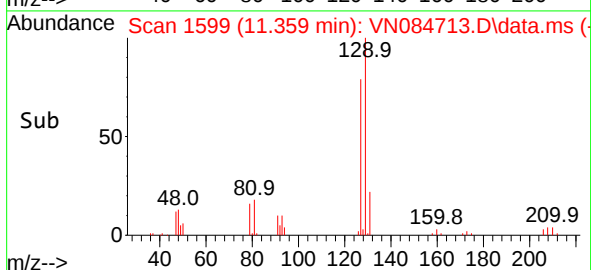
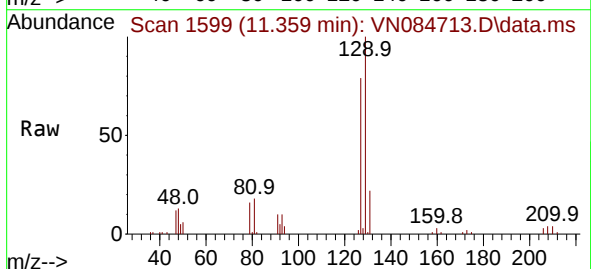
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

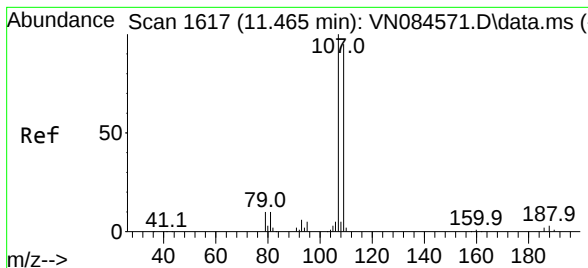
Tgt Ion: 43 Resp: 182661  
Ion Ratio Lower Upper  
43 100  
58 56.0 27.3 81.8



#60  
Dibromochloromethane  
Concen: 18.854 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 129 Resp: 45215  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.3 114.9

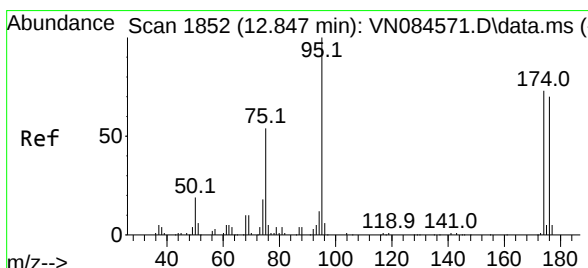
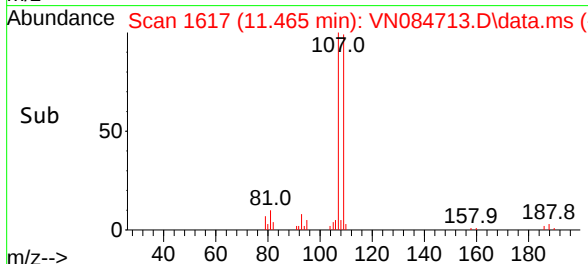
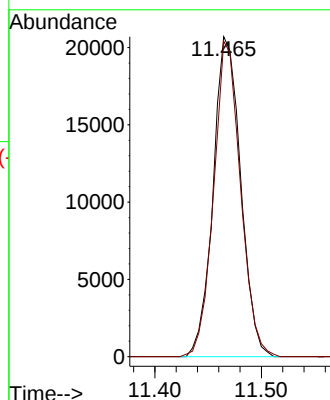
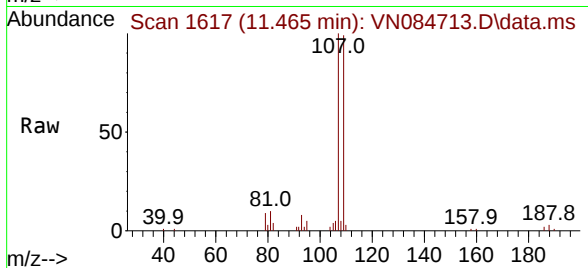




#61  
1,2-Dibromoethane  
Concen: 17.222 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

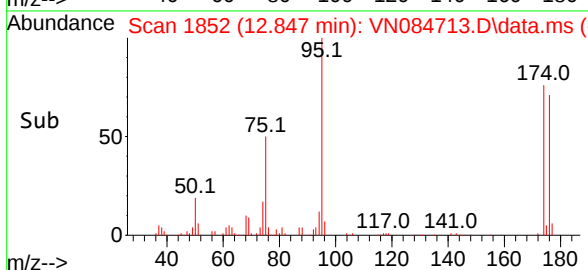
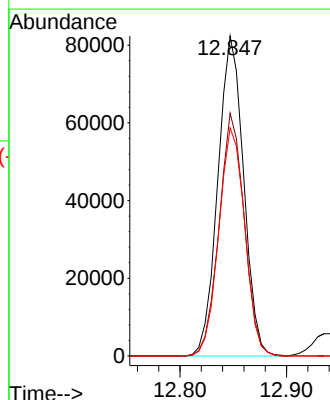
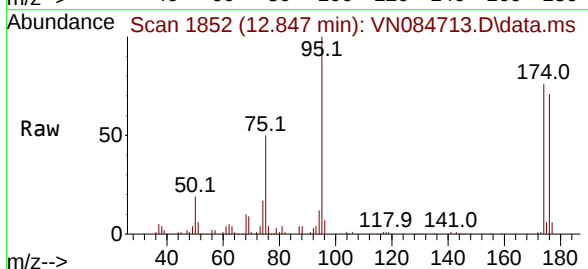
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

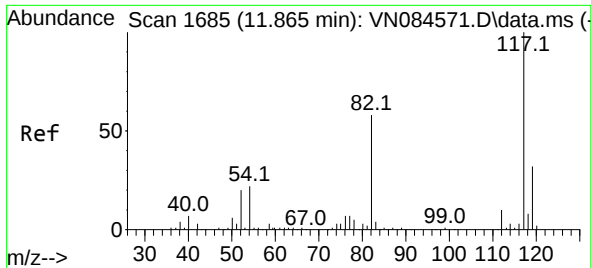
Tgt Ion:107 Resp: 37110  
Ion Ratio Lower Upper  
107 100  
109 96.2 75.4 113.0



#62  
4-Bromofluorobenzene  
Concen: 46.694 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 95 Resp: 137855  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 145.2  
176 71.8 0.0 140.0

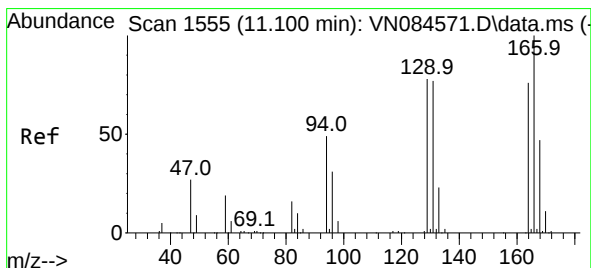
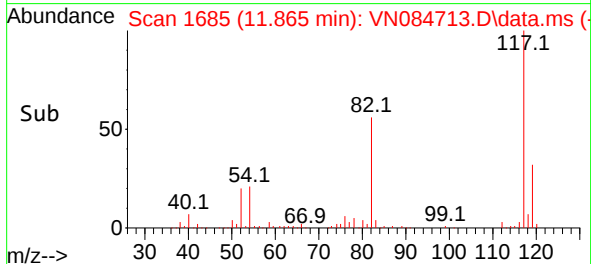
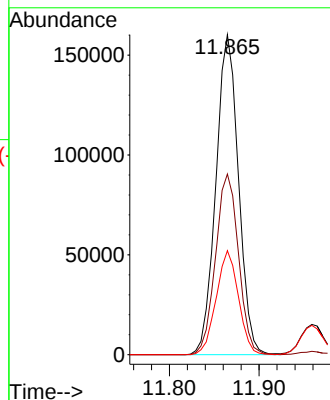
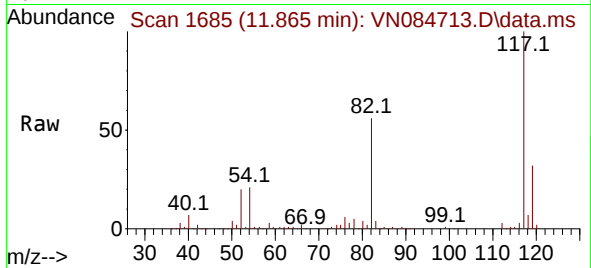




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

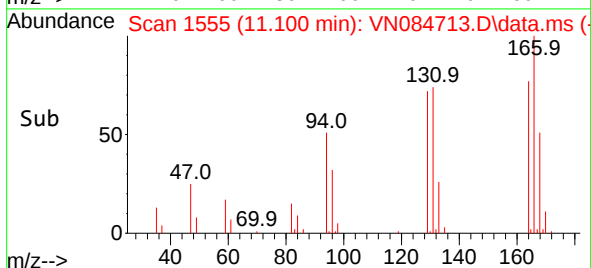
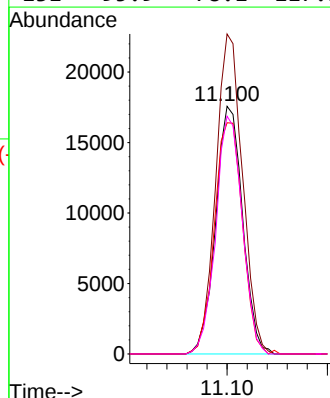
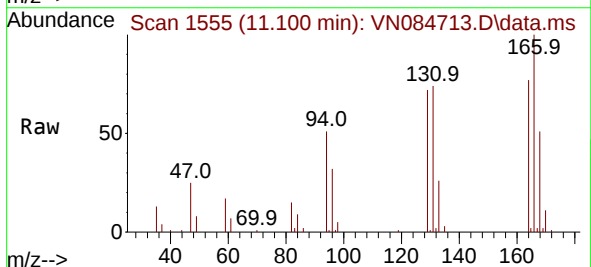
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

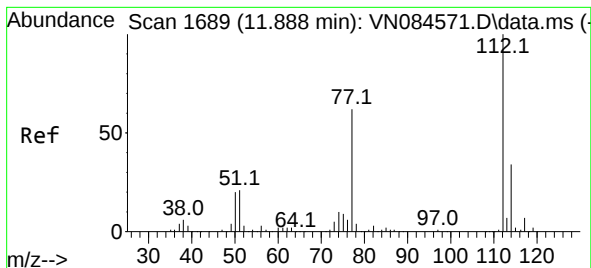
Tgt Ion:117 Resp: 280533  
Ion Ratio Lower Upper  
117 100  
82 56.4 47.2 70.8  
119 32.5 25.4 38.0



#64  
Tetrachloroethene  
Concen: 17.596 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion:164 Resp: 32835  
Ion Ratio Lower Upper  
164 100  
166 129.2 101.0 151.4  
129 93.4 80.8 121.2  
131 95.9 78.1 117.1





#65

Chlorobenzene

Concen: 17.412 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

Instrument :

MSVOA\_N

ClientSampleId :

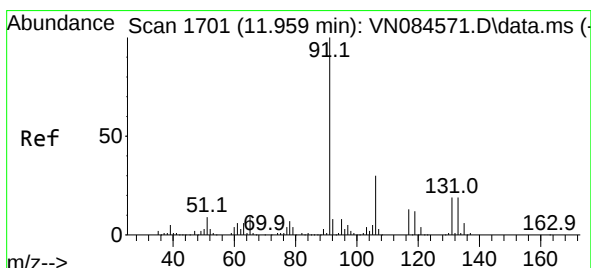
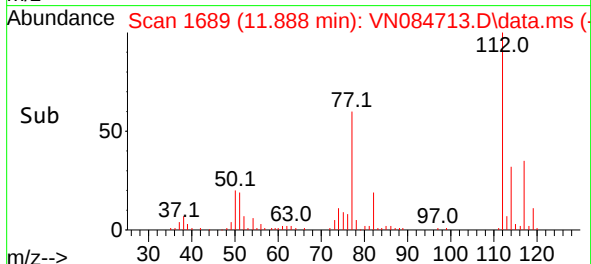
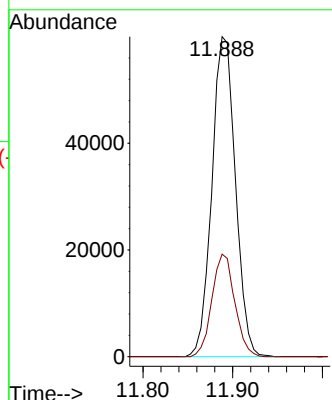
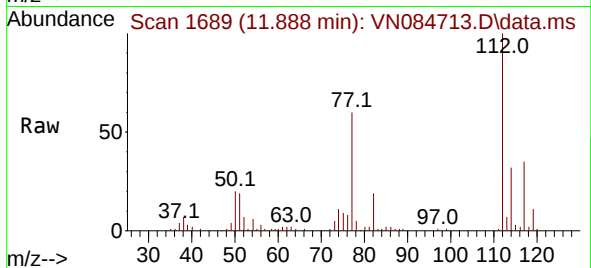
VN1106WBSD02

Tgt Ion:112 Resp: 109280

Ion Ratio Lower Upper

112 100

114 32.0 27.0 40.6



#66

1,1,1,2-Tetrachloroethane

Concen: 17.993 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

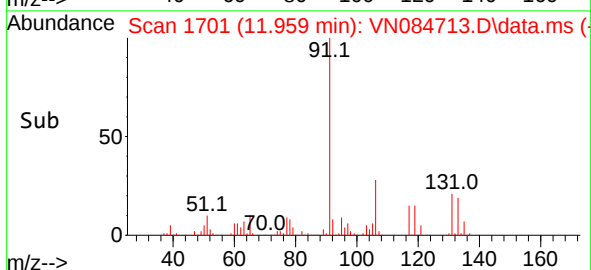
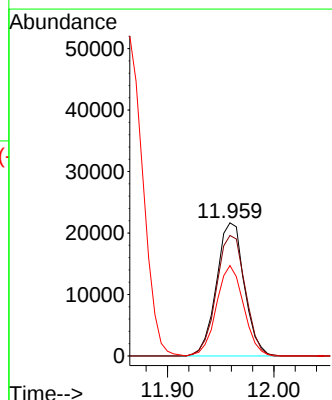
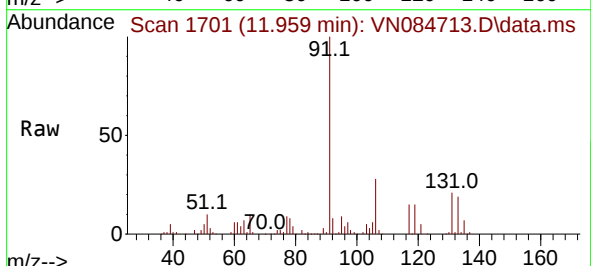
Tgt Ion:131 Resp: 39279

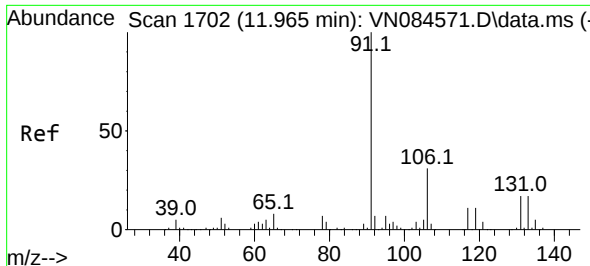
Ion Ratio Lower Upper

131 100

133 93.9 47.9 143.7

119 66.0 32.8 98.3

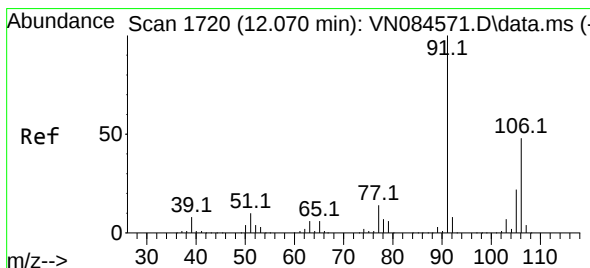
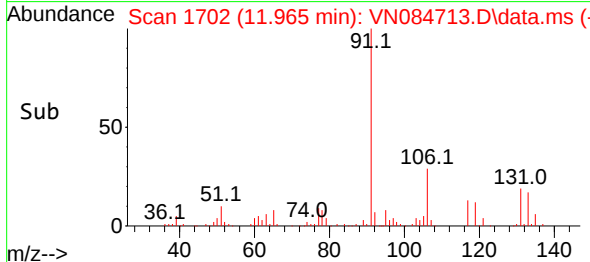
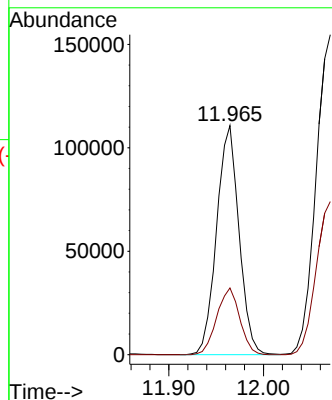
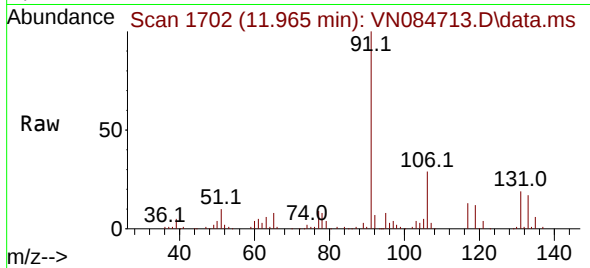




#67  
Ethyl Benzene  
Concen: 17.380 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

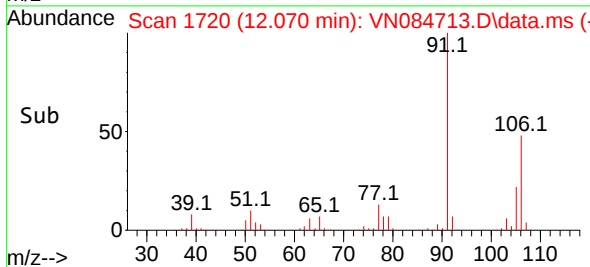
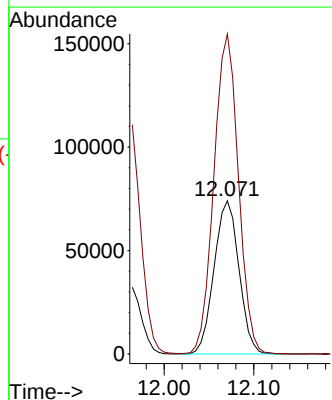
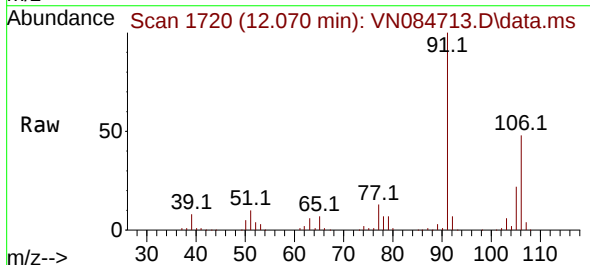
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

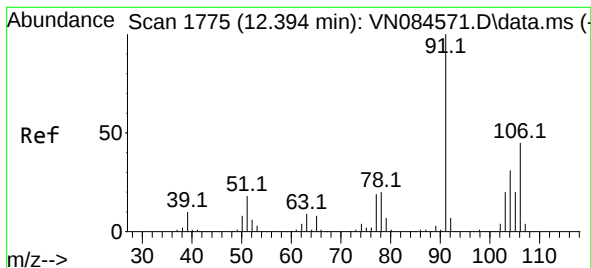
Tgt Ion: 91 Resp: 182078  
Ion Ratio Lower Upper  
91 100  
106 29.1 24.5 36.7



#68  
m/p-Xylenes  
Concen: 35.861 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion:106 Resp: 142230  
Ion Ratio Lower Upper  
106 100  
91 206.3 167.1 250.7





#69

o-Xylene

Concen: 18.705 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

Instrument :

MSVOA\_N

ClientSampleId :

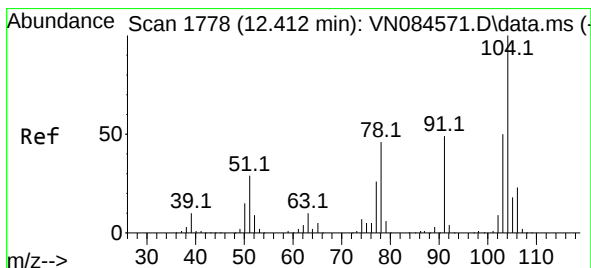
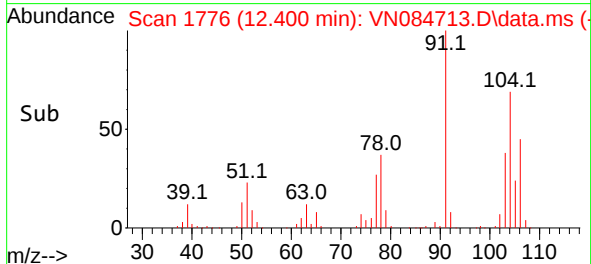
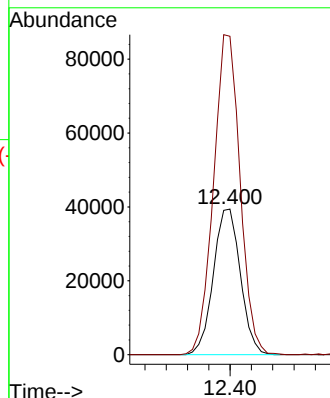
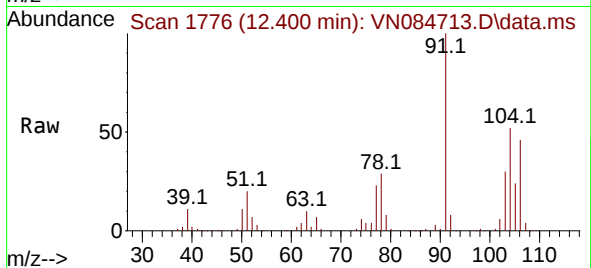
VN1106WBSD02

Tgt Ion:106 Resp: 69398

Ion Ratio Lower Upper

106 100

91 215.7 110.2 330.6



#70

Styrene

Concen: 17.830 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

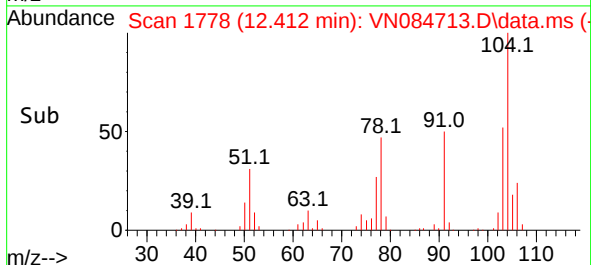
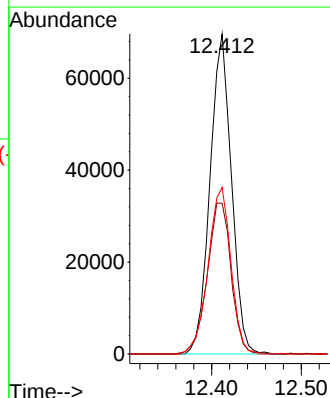
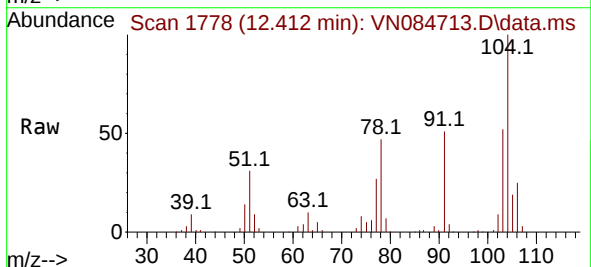
Tgt Ion:104 Resp: 115400

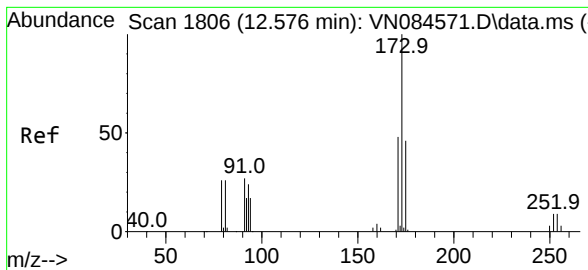
Ion Ratio Lower Upper

104 100

78 52.4 42.7 64.1

103 55.3 43.6 65.4

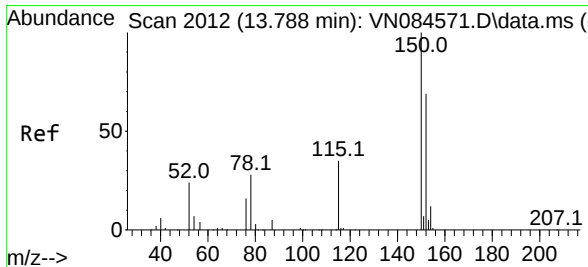
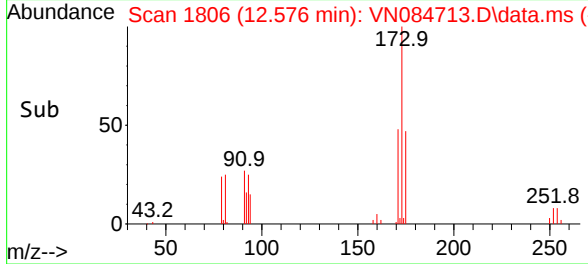
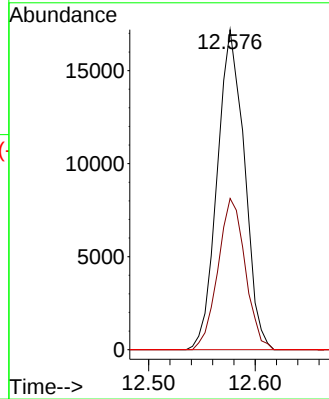
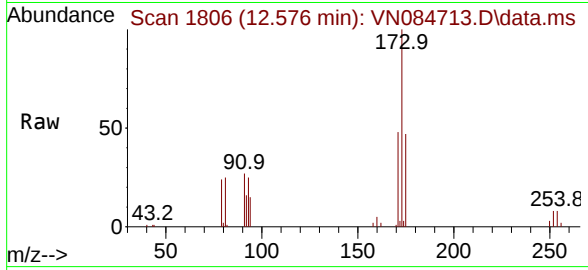




#71  
Bromoform  
Concen: 18.569 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

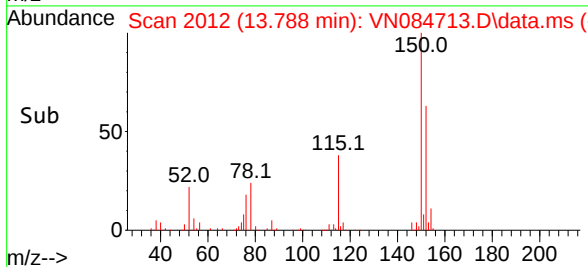
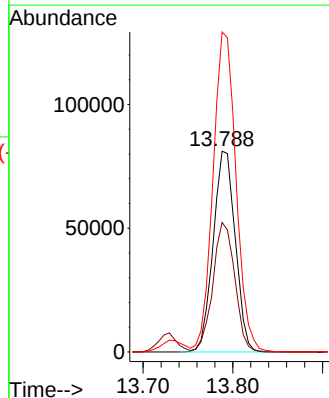
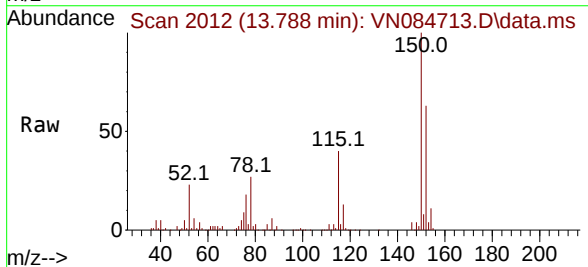
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

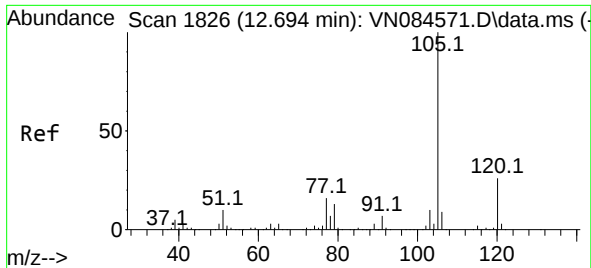
Tgt Ion:173 Resp: 30502  
Ion Ratio Lower Upper  
173 100  
175 47.4 23.5 70.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion:152 Resp: 138903  
Ion Ratio Lower Upper  
152 100  
115 63.8 31.3 93.9  
150 165.7 0.0 349.8

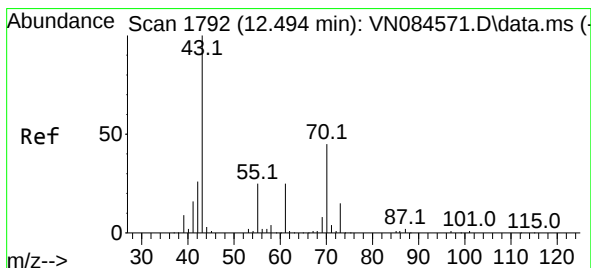
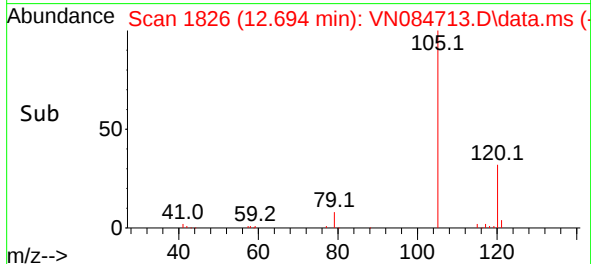
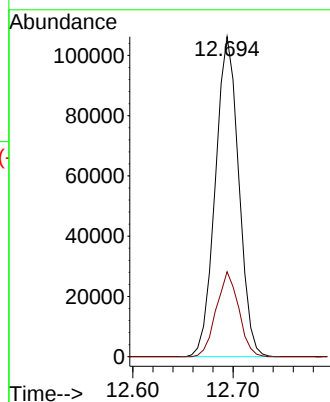
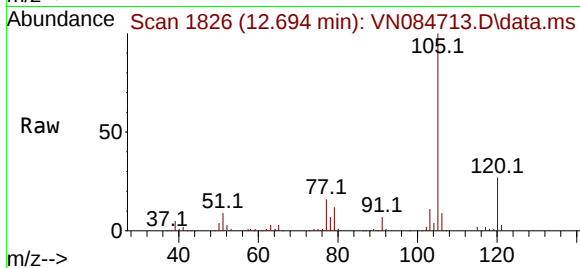




#73  
Isopropylbenzene  
Concen: 17.694 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

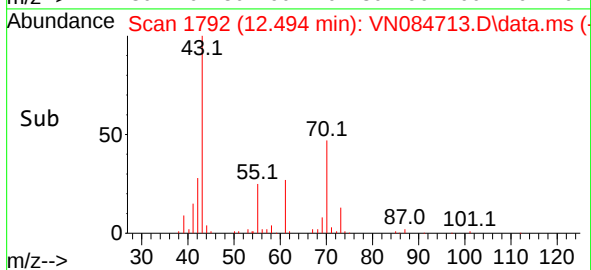
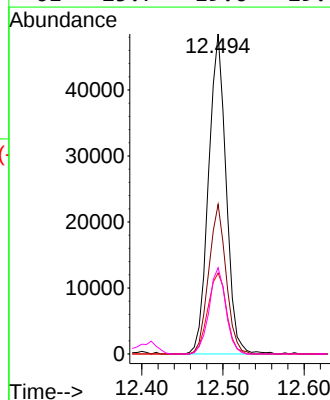
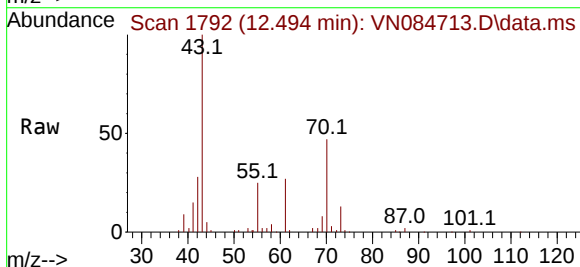
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

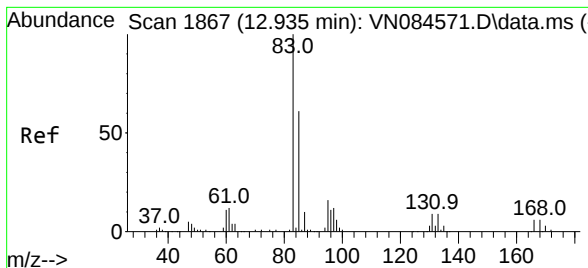
Tgt Ion:105 Resp: 172235  
Ion Ratio Lower Upper  
105 100  
120 25.4 12.9 38.7



#74  
N-ethyl acetate  
Concen: 17.554 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 43 Resp: 72727  
Ion Ratio Lower Upper  
43 100  
70 46.2 34.4 51.6  
55 26.7 19.6 29.4  
61 25.7 19.6 29.4

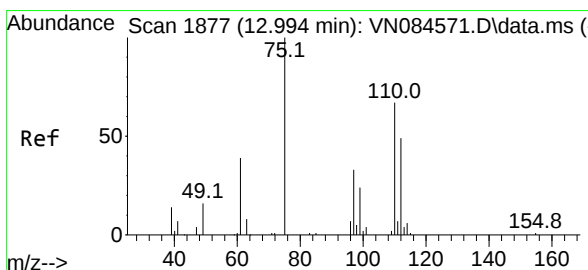
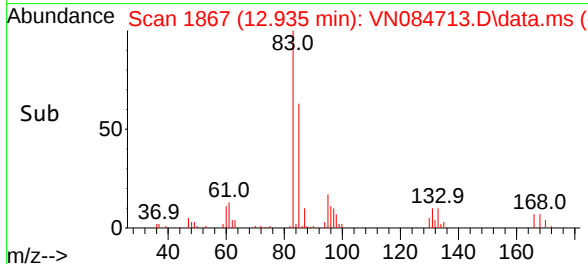
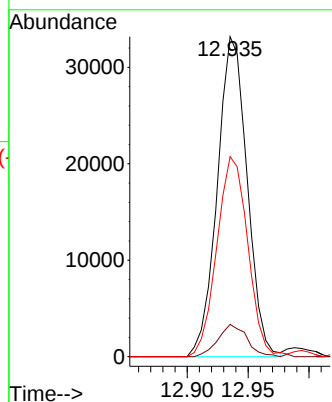
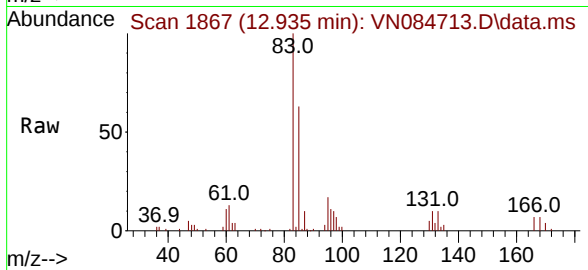




#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.393 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

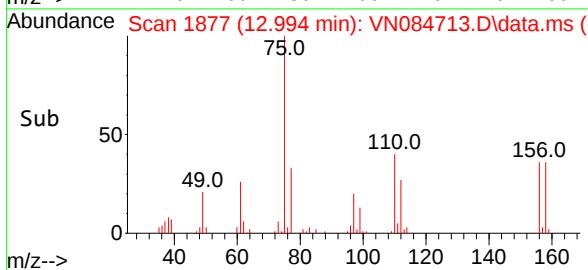
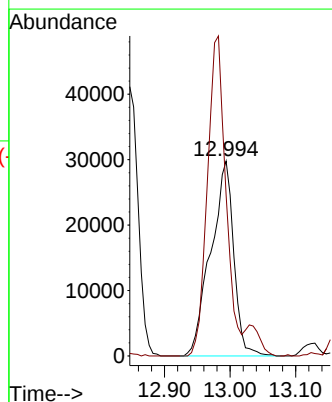
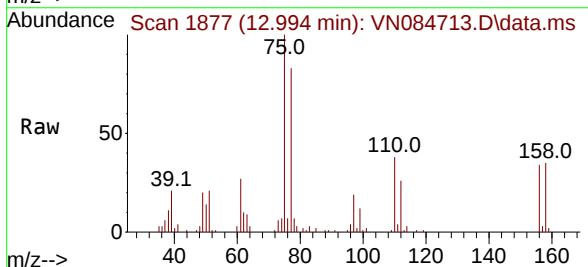
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

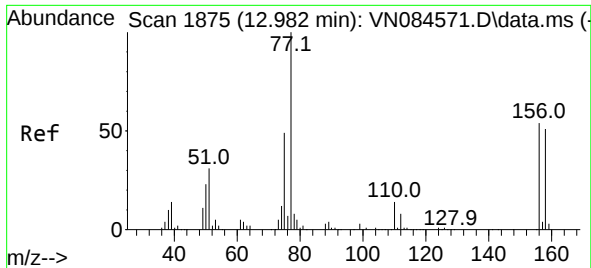
Tgt Ion: 83 Resp: 56511  
Ion Ratio Lower Upper  
83 100  
131 9.8 4.9 14.7  
85 64.9 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 26.101 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 75 Resp: 72472  
Ion Ratio Lower Upper  
75 100  
77 132.2 96.9 290.7

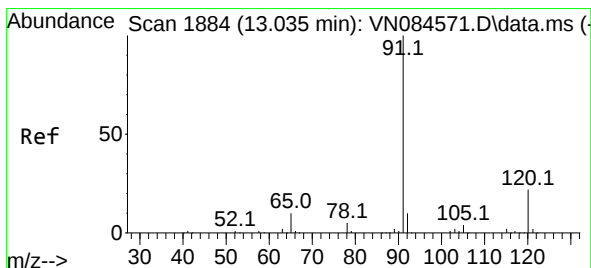
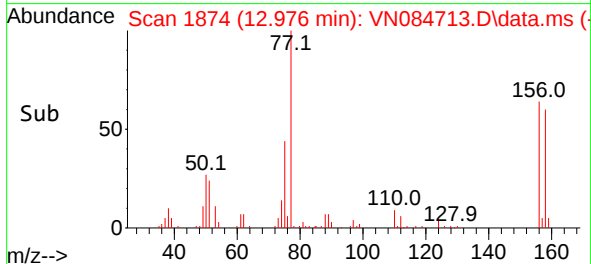
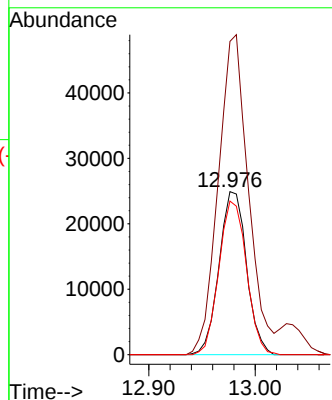
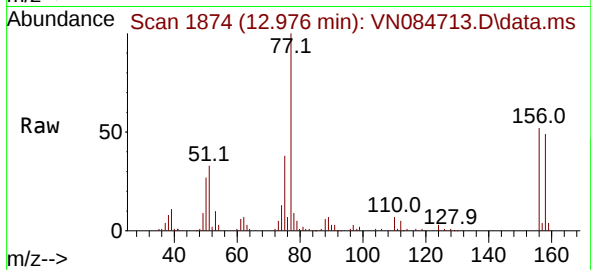




#77  
Bromobenzene  
Concen: 17.033 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

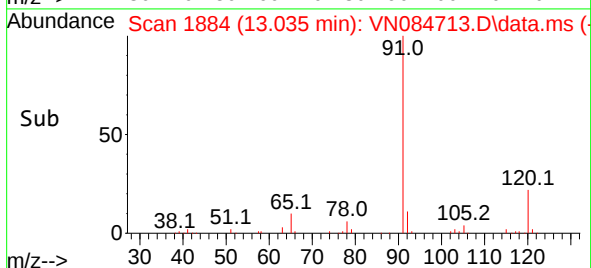
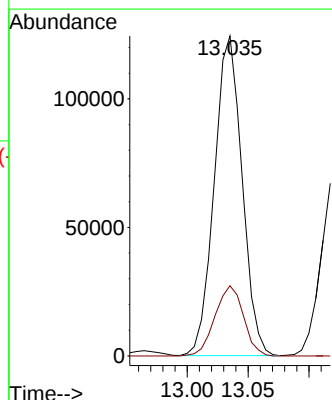
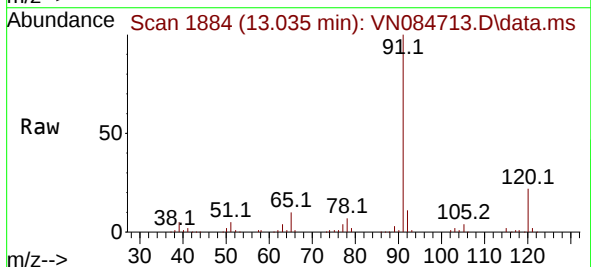
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

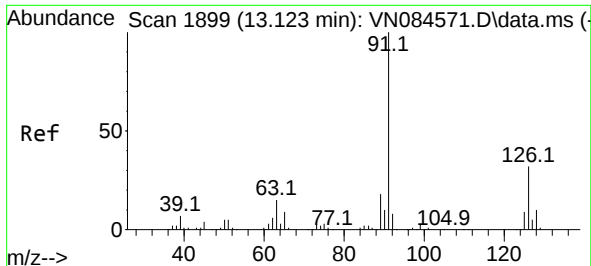
Tgt Ion:156 Resp: 44572  
Ion Ratio Lower Upper  
156 100  
77 214.9 115.1 345.3  
158 94.7 48.9 146.8



#78  
n-propylbenzene  
Concen: 17.302 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 91 Resp: 197358  
Ion Ratio Lower Upper  
91 100  
120 22.5 10.8 32.4

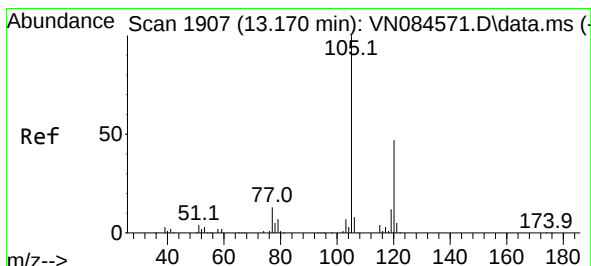
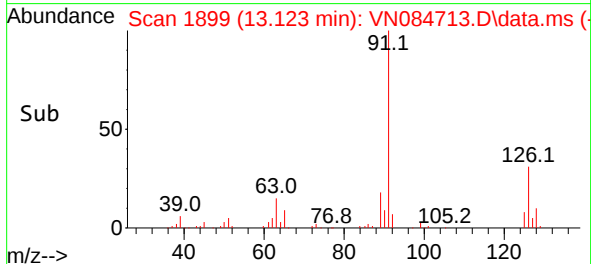
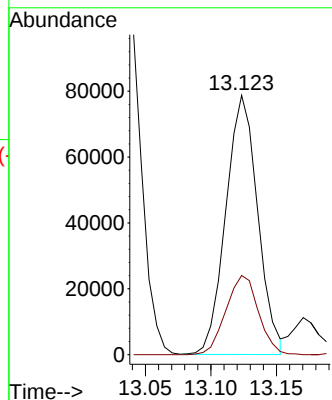
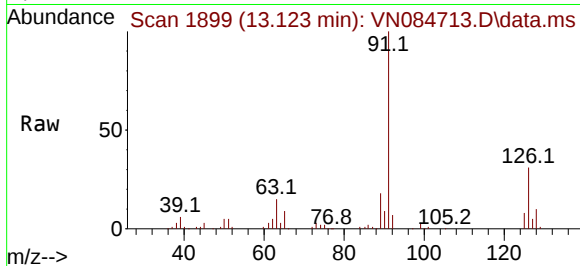




#79  
2-Chlorotoluene  
Concen: 17.844 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

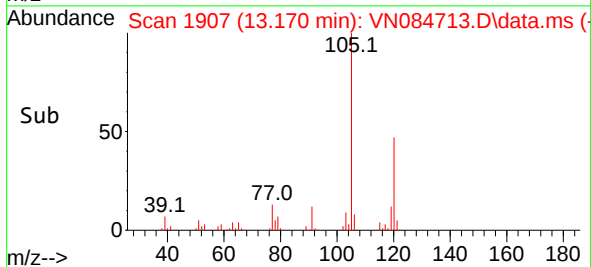
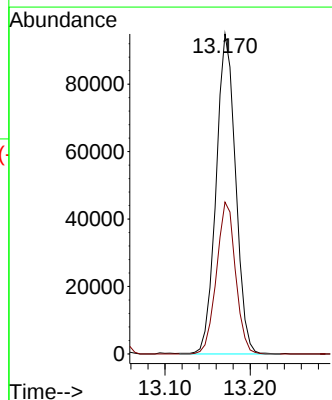
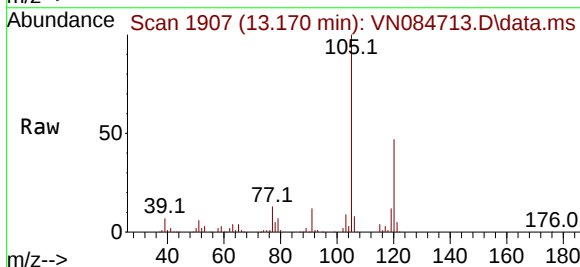
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

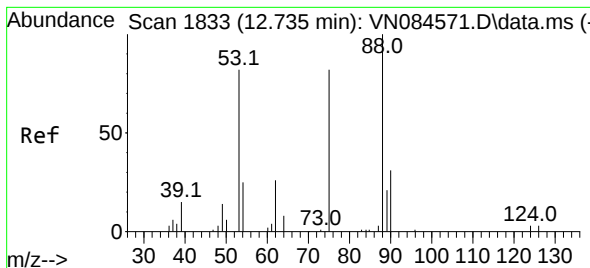
Tgt Ion: 91 Resp: 132994  
Ion Ratio Lower Upper  
91 100  
126 31.2 15.7 47.1



#80  
1,3,5-Trimethylbenzene  
Concen: 18.714 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion:105 Resp: 150981  
Ion Ratio Lower Upper  
105 100  
120 46.4 23.7 71.1

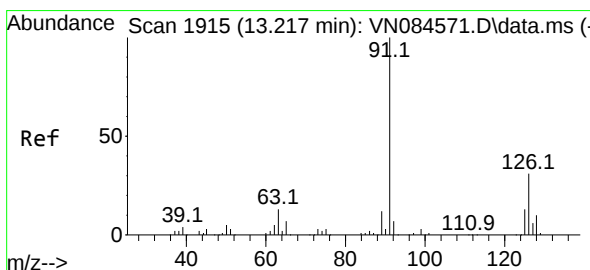
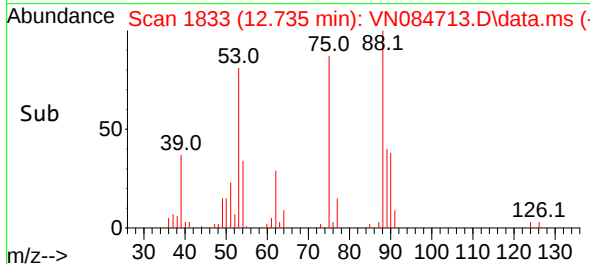
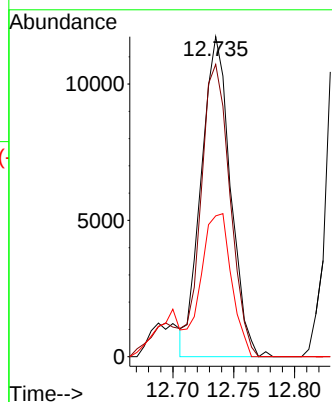
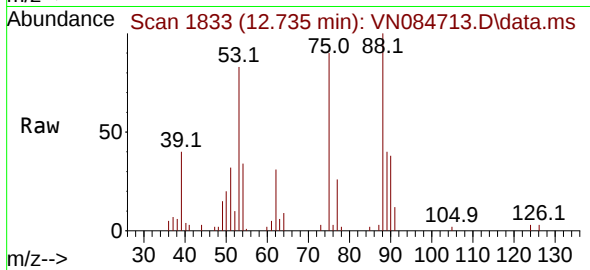




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.795 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

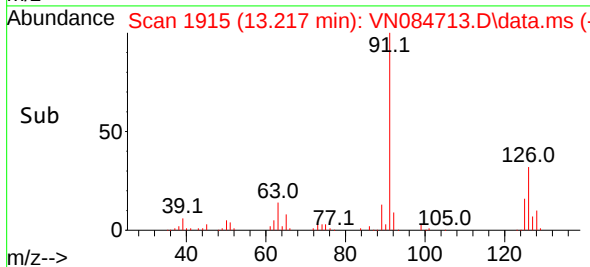
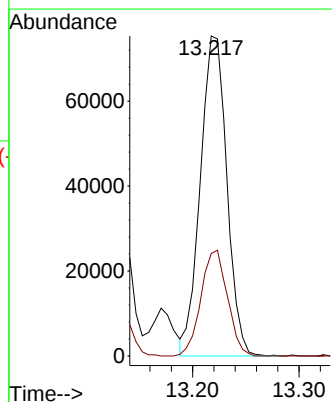
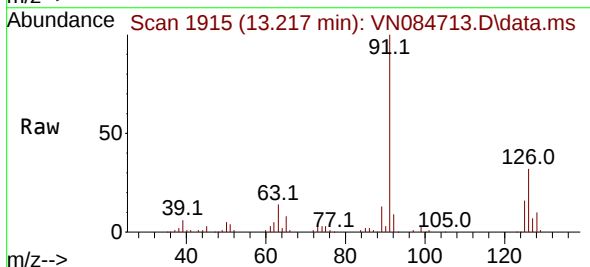
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

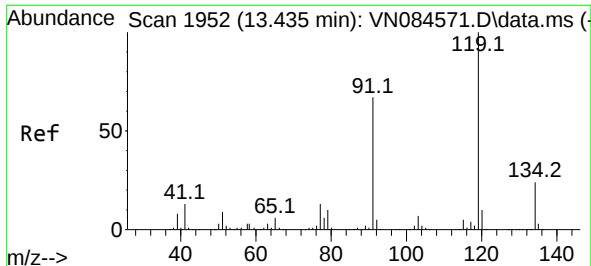
Tgt Ion: 75 Resp: 19657  
Ion Ratio Lower Upper  
75 100  
53 90.7 78.0 117.0  
89 47.1 35.5 53.3



#82  
4-Chlorotoluene  
Concen: 16.622 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 91 Resp: 130377  
Ion Ratio Lower Upper  
91 100  
126 33.0 15.7 47.1

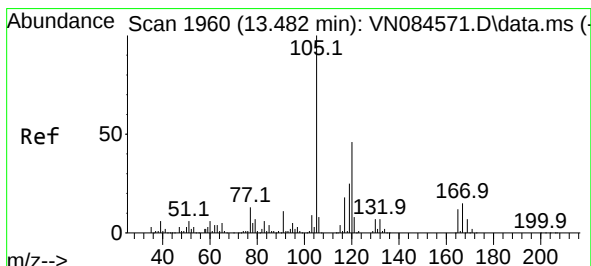
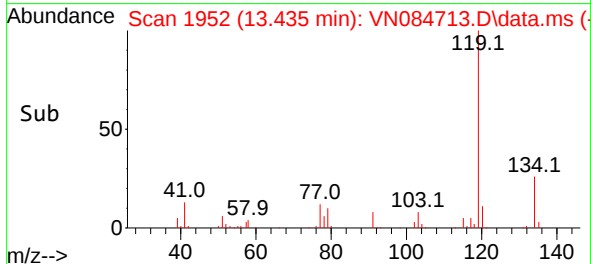
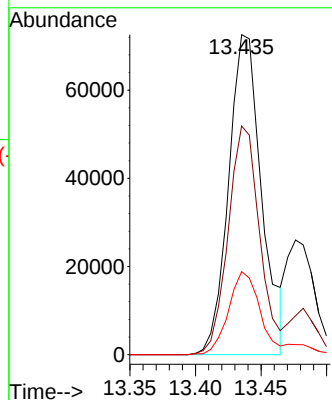
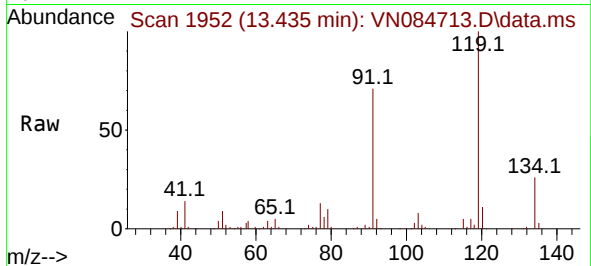




#83  
tert-Butylbenzene  
Concen: 19.028 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

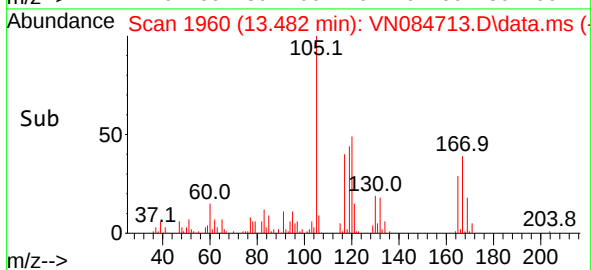
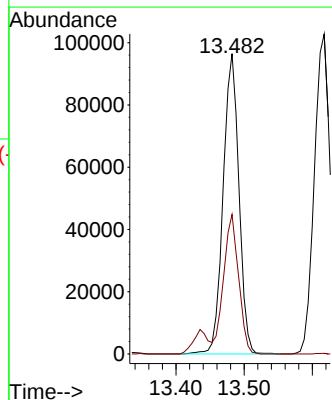
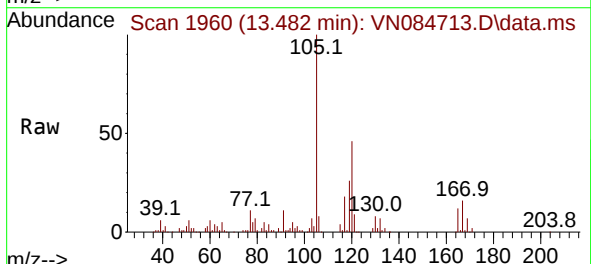
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

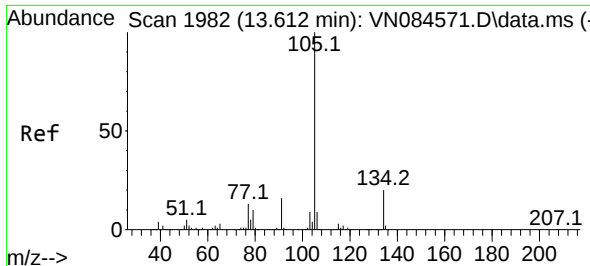
Tgt Ion:119 Resp: 127049  
Ion Ratio Lower Upper  
119 100  
91 68.2 34.1 102.3  
134 27.3 12.8 38.4



#84  
1,2,4-Trimethylbenzene  
Concen: 18.666 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion:105 Resp: 155422  
Ion Ratio Lower Upper  
105 100  
120 44.3 22.3 66.8

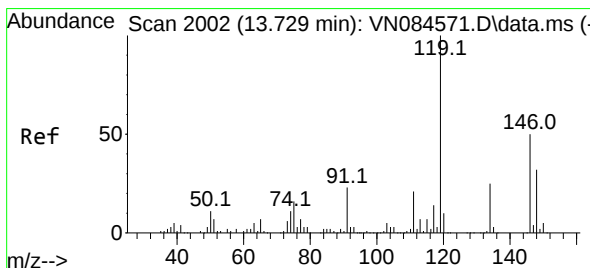
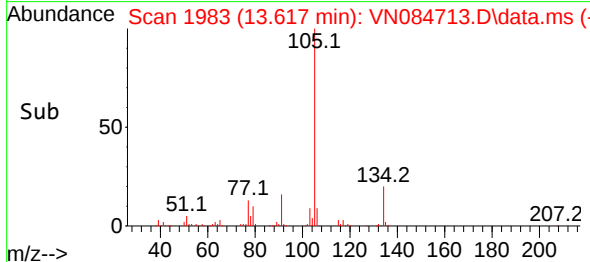
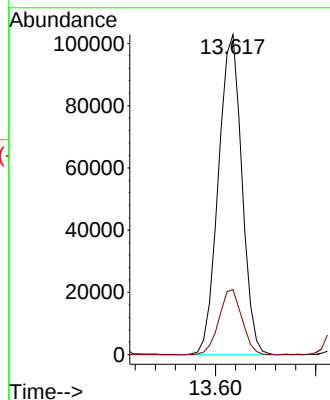
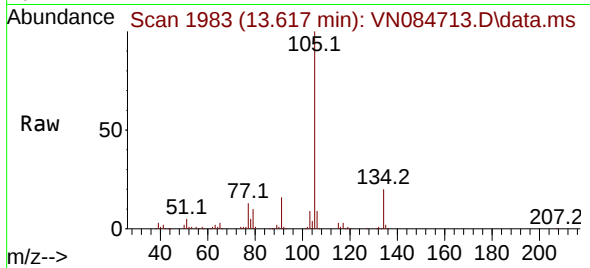




#85  
 sec-Butylbenzene  
 Concen: 17.719 ug/l  
 RT: 13.617 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN084713.D  
 Acq: 06 Nov 2024 16:02

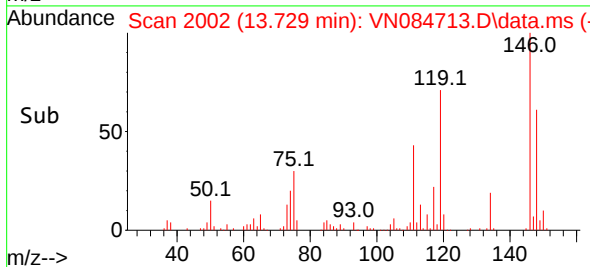
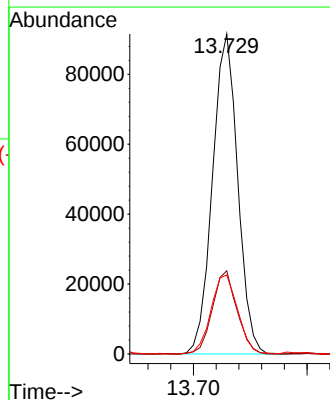
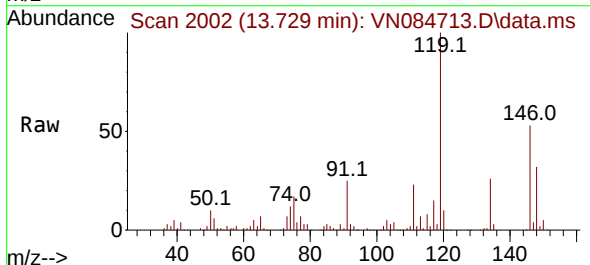
Instrument :  
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 ClientSampleId :  
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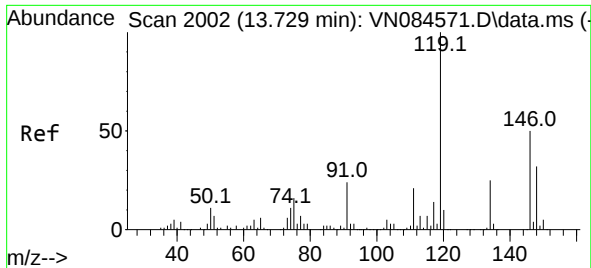
Tgt Ion:105 Resp: 167117  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 18.240 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN084713.D  
 Acq: 06 Nov 2024 16:02

Tgt Ion:119 Resp: 141089  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 12.6 37.8  
 91 26.1 12.4 37.2

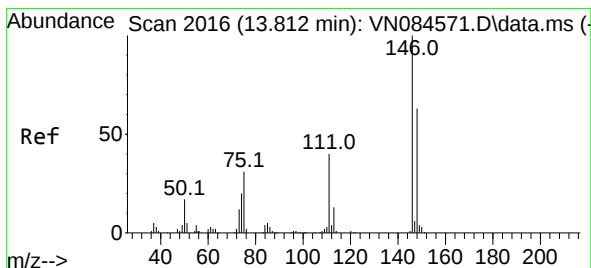
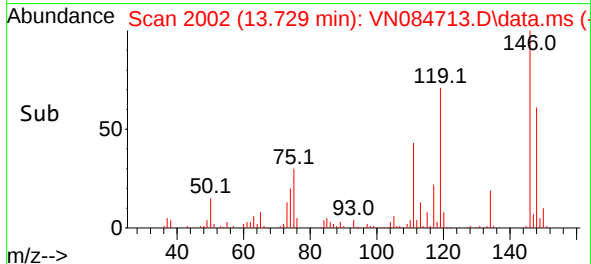
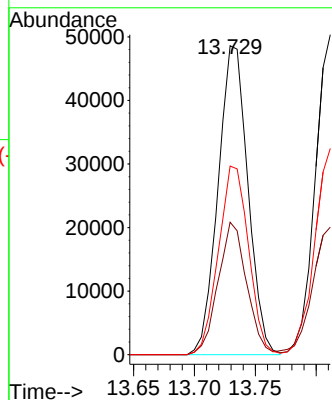
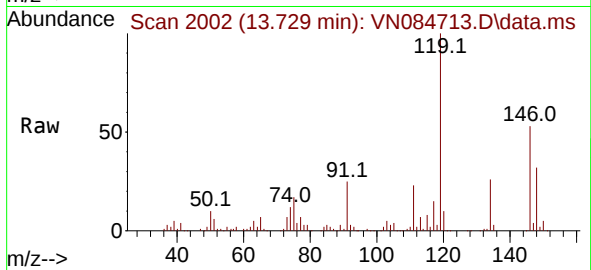




#87  
1,3-Dichlorobenzene  
Concen: 16.246 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

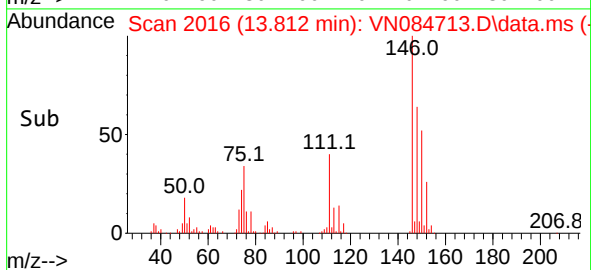
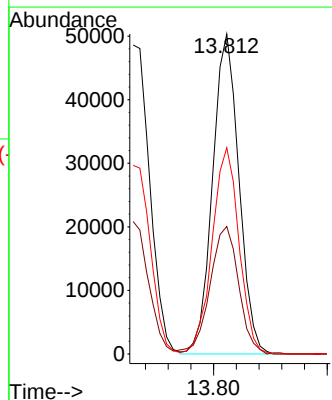
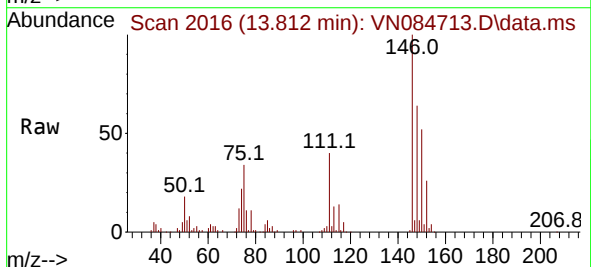
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MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

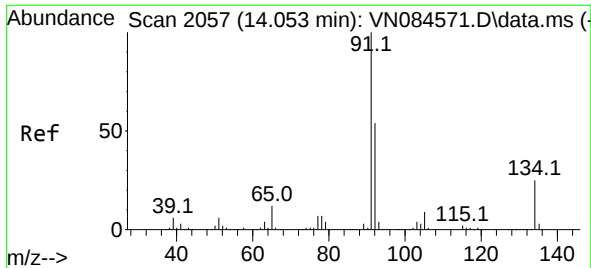
Tgt Ion:146 Resp: 82965  
Ion Ratio Lower Upper  
146 100  
111 41.0 21.8 65.3  
148 61.7 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 16.570 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion:146 Resp: 81048  
Ion Ratio Lower Upper  
146 100  
111 43.5 21.2 63.6  
148 65.8 31.9 95.9

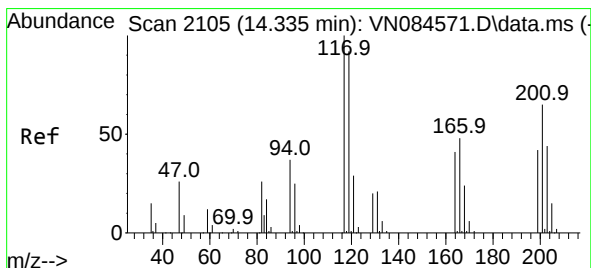
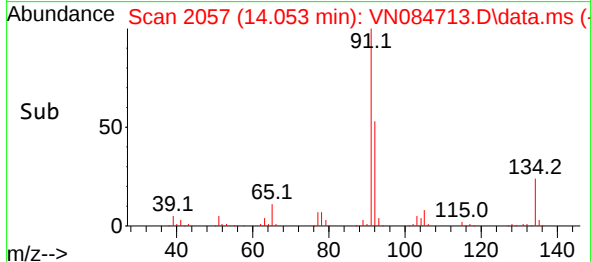
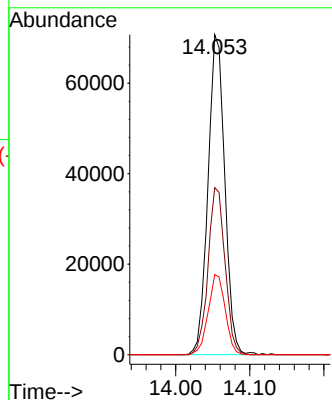
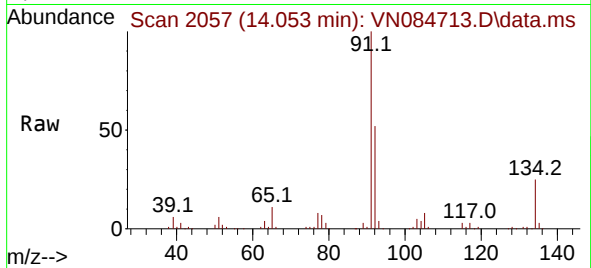




#89  
n-Butylbenzene  
Concen: 15.400 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

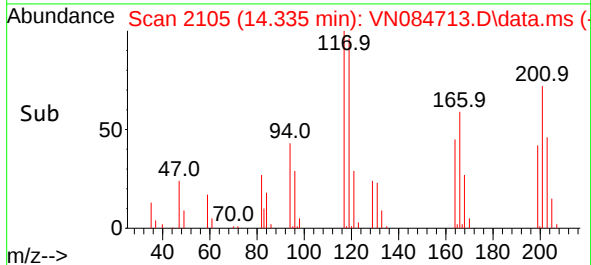
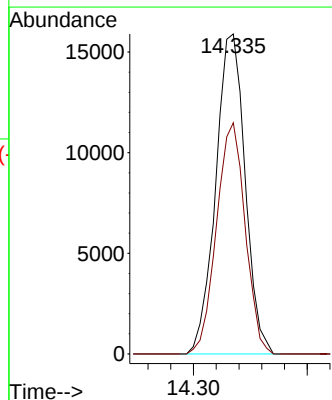
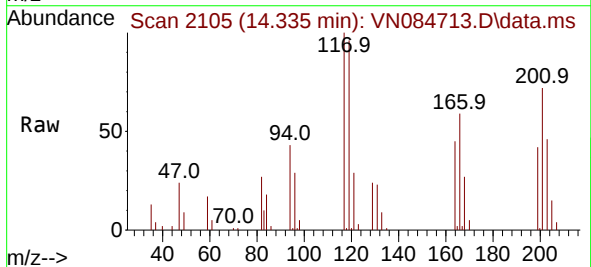
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1106WBSD02

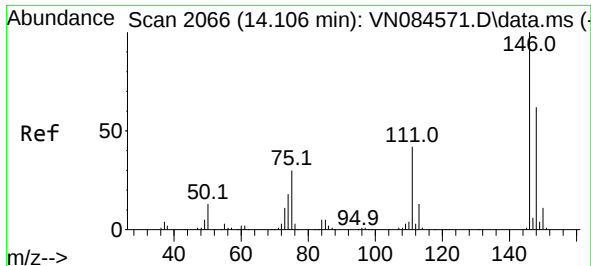
Tgt Ion: 91 Resp: 111426  
Ion Ratio Lower Upper  
91 100  
92 52.8 26.6 79.7  
134 25.4 12.3 36.9



#90  
Hexachloroethane  
Concen: 16.588 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.006 min  
Lab File: VN084713.D  
Acq: 06 Nov 2024 16:02

Tgt Ion: 117 Resp: 28614  
Ion Ratio Lower Upper  
117 100  
201 70.3 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 16.430 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBSD02

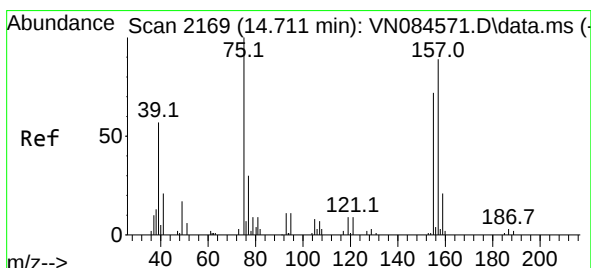
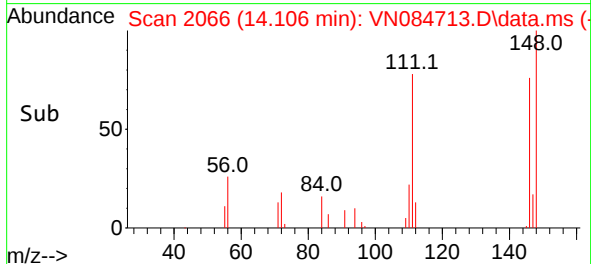
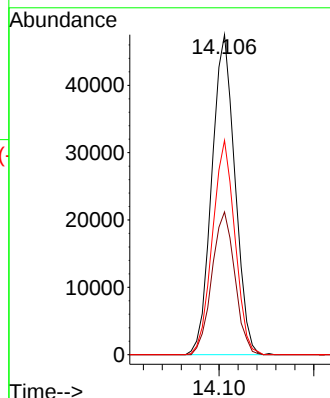
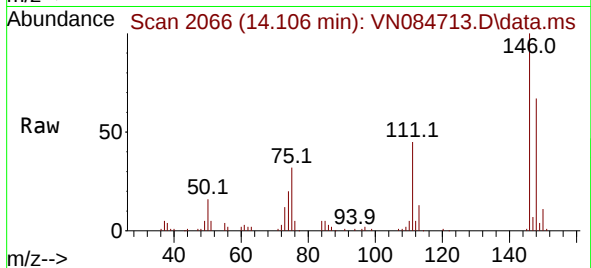
Tgt Ion:146 Resp: 80627

Ion Ratio Lower Upper

146 100

111 44.3 22.0 66.0

148 65.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.359 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

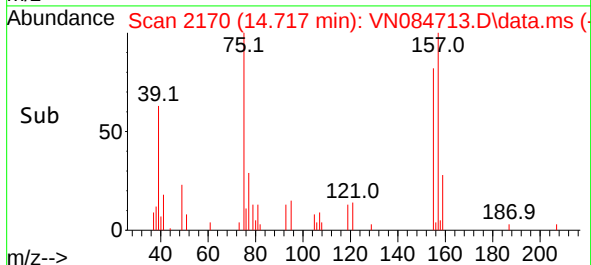
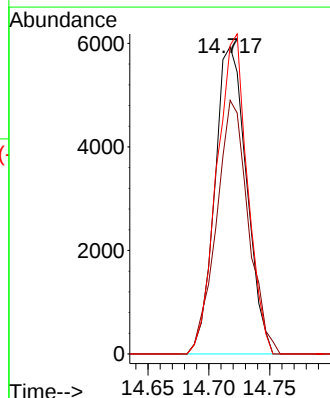
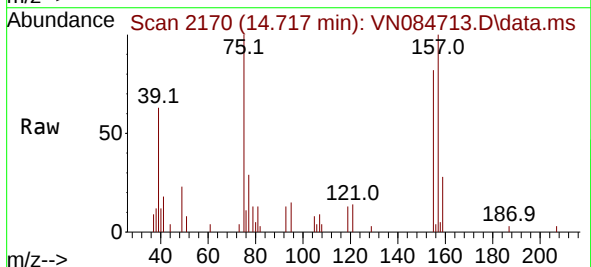
Tgt Ion: 75 Resp: 10768

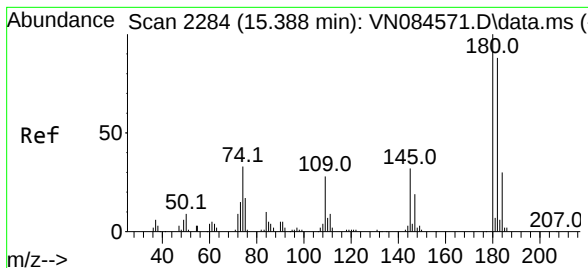
Ion Ratio Lower Upper

75 100

155 83.0 38.1 114.5

157 100.3 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 13.685 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBSD02

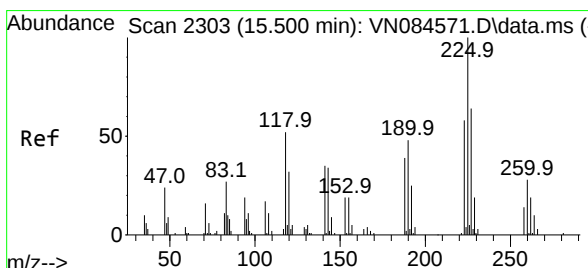
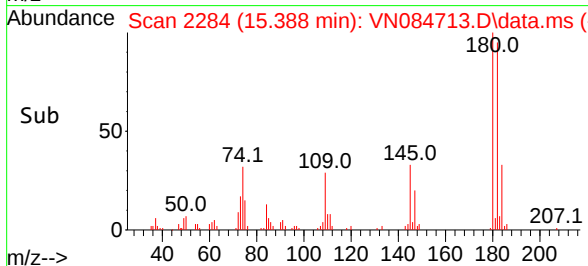
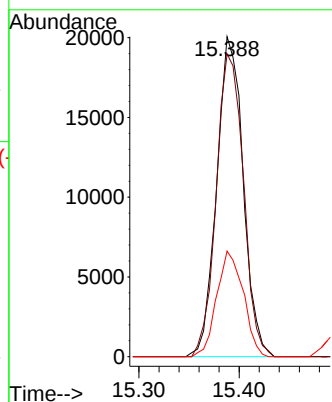
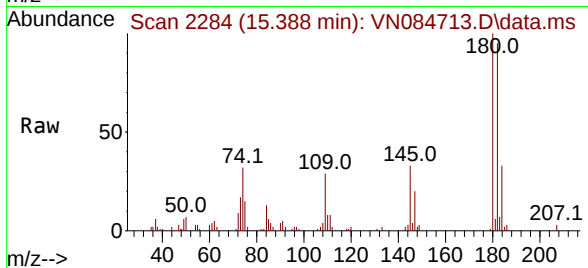
Tgt Ion:180 Resp: 36757

Ion Ratio Lower Upper

180 100

182 97.2 47.0 141.0

145 33.2 16.4 49.4



#94

Hexachlorobutadiene

Concen: 15.721 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

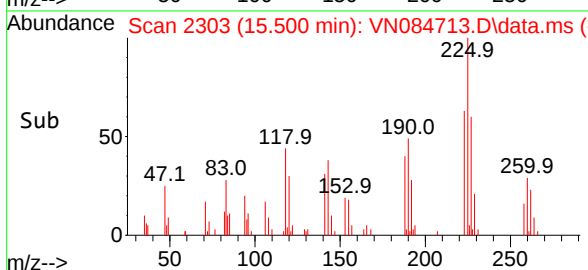
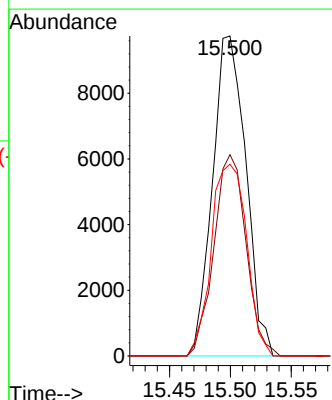
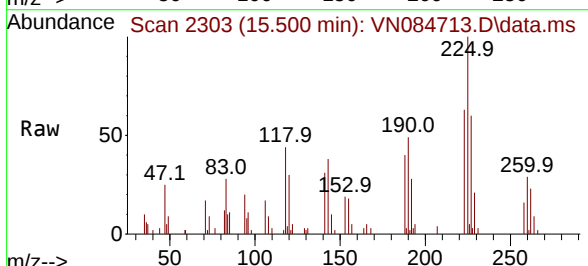
Tgt Ion:225 Resp: 18544

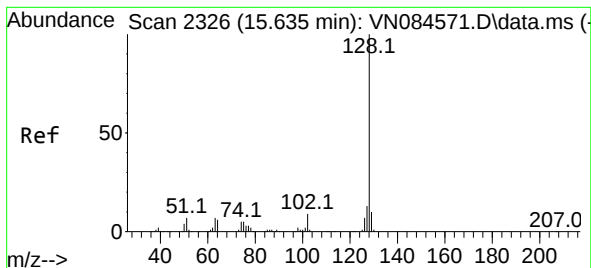
Ion Ratio Lower Upper

225 100

223 60.7 32.4 97.2

227 63.4 32.4 97.0





#95

Naphthalene

Concen: 14.181 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

Instrument :

MSVOA\_N

ClientSampleId :

VN1106WBSD02

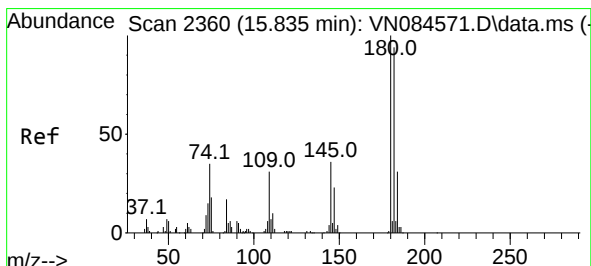
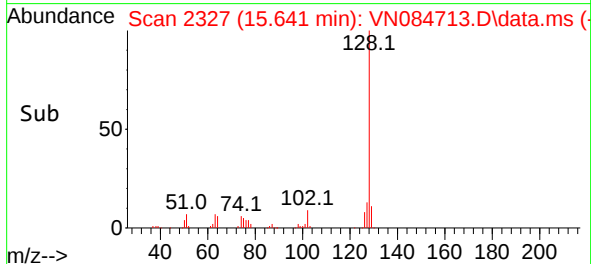
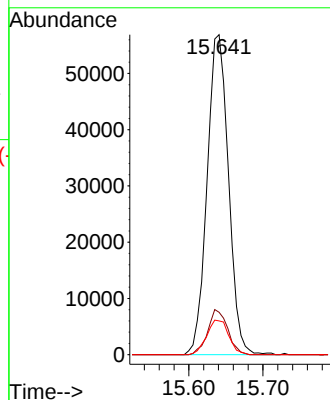
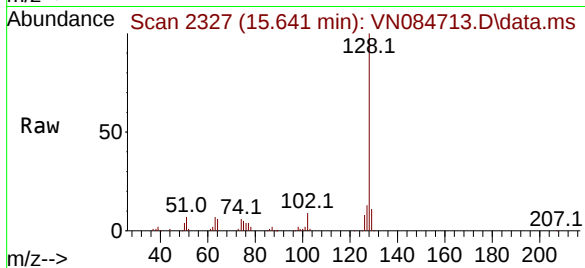
Tgt Ion:128 Resp: 114016

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 13.935 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084713.D

Acq: 06 Nov 2024 16:02

Tgt Ion:180 Resp: 36335

Ion Ratio Lower Upper

180 100

182 97.8 48.2 144.6

145 34.1 17.3 51.9

