

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102124\  
 Data File : VN084434.D  
 Acq On : 21 Oct 2024 14:22  
 Operator : JC\MD  
 Sample : VN1021WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1021WBSD01

Quant Time: Oct 22 01:33:47 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 01 07:11:01 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 163086   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 278516   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 255670   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 124118   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 123457   | 51.056   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 102.120% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 97003    | 52.829   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 105.660% |      |
| 50) Toluene-d8              | 10.565 | 98    | 350013   | 51.812   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 103.620% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 129081   | 52.449   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 104.900% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 32472  | 16.833  | ug/l   | 93  |
| 3) Chloromethane             | 2.359 | 50  | 35804  | 16.255  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.512 | 62  | 36441  | 17.080  | ug/l   | 99  |
| 5) Bromomethane              | 2.959 | 94  | 23913  | 16.992  | ug/l   | 99  |
| 6) Chloroethane              | 3.118 | 64  | 24475  | 16.017  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 63283  | 19.047  | ug/l   | 90  |
| 8) Diethyl Ether             | 3.959 | 74  | 23522  | 19.089  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 36689  | 19.273  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.589 | 142 | 44167  | 18.016  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 35053  | 87.914  | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 32588  | 17.747  | ug/l   | 96  |
| 13) Acrolein                 | 4.189 | 56  | 24397  | 53.300  | ug/l   | 98  |
| 14) Allyl chloride           | 5.024 | 41  | 53083  | 16.646  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.718 | 53  | 102471 | 101.771 | ug/l   | 97  |
| 16) Acetone                  | 4.430 | 43  | 95163  | 91.613  | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.712 | 76  | 84276  | 14.496  | ug/l   | 96  |
| 18) Methyl Acetate           | 5.030 | 43  | 54347  | 24.005  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.789 | 73  | 122872 | 19.826  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.271 | 84  | 42636  | 20.192  | ug/l   | 84  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 35388  | 18.395  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.671 | 45  | 130999 | 19.859  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.606 | 43  | 504977 | 103.215 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 72128  | 19.553  | ug/l   | 96  |
| 25) 2-Butanone               | 7.483 | 43  | 136944 | 96.795  | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 7.489 | 77  | 64755  | 19.469  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.489 | 96  | 44686  | 19.222  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.812 | 49  | 35788  | 21.744  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 85661  | 98.113  | ug/l   | 97  |
| 30) Chloroform               | 7.965 | 83  | 76845  | 20.055  | ug/l   | 97  |
| 31) Cyclohexane              | 8.253 | 56  | 58106  | 16.223  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 68247  | 19.832  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 49846  | 18.689  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.559 | 43  | 52425  | 19.160  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 56628  | 19.356  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.600 | 83  | 50490  | 17.009  | ug/l   | 98  |
| 40) Benzene                  | 8.606 | 78  | 162968 | 19.612  | ug/l   | 99  |

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 Sample : VN1021WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1021WBSD01

Quant Time: Oct 22 01:33:47 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 01 07:11:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 29826    | 20.079  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 58026    | 20.598  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 88049    | 16.429  | ug/l   | 97       |
| 44) Trichloroethene           | 9.353  | 130  | 37926    | 19.541  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 41049    | 20.882  | ug/l   | 96       |
| 46) Dibromomethane            | 9.712  | 93   | 29187    | 22.002  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 61715    | 20.940  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 40695    | 19.075  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 16333    | 415.845 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 271816   | 104.354 | ug/l   | 99       |
| 52) Toluene                   | 10.629 | 92   | 102809   | 20.289  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 59188    | 19.701  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 64640    | 20.003  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 40810    | 22.465  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 59539    | 19.919  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 68931    | 21.236  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 141699   | 102.191 | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 198917   | 102.176 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 46724    | 21.769  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 39150    | 20.741  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.106 | 164  | 34348    | 19.288  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.888 | 112  | 110738   | 19.535  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 39189    | 20.071  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 184057   | 18.360  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.071 | 106  | 144045   | 38.843  | ug/l   | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 66105    | 18.841  | ug/l   | 93       |
| 70) Styrene                   | 12.412 | 104  | 117753   | 19.814  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 29825    | 20.747  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 173820   | 18.352  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 73994    | 17.252  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 58745    | 20.627  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 74985    | 29.593  | ug/l   | 58       |
| 77) Bromobenzene              | 12.976 | 156  | 44718    | 19.574  | ug/l   | 95       |
| 78) n-propylbenzene           | 13.035 | 91   | 210981   | 19.226  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 129620   | 18.511  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 148466   | 19.217  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 18939    | 17.919  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 135329   | 19.198  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 126785   | 18.464  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 153677   | 19.745  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 175585   | 19.162  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 145633   | 19.220  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 82553    | 19.262  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 83788    | 19.359  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 122012   | 17.758  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 27657    | 17.982  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 78881    | 18.770  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 10881    | 18.515  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 38616    | 18.655  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 17729    | 17.175  | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 115061   | 16.767  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 37660    | 18.175  | ug/l   | 99       |

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Data File : VN084434.D  
Acq On : 21 Oct 2024 14:22  
Operator : JC\MD  
Sample : VN1021WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

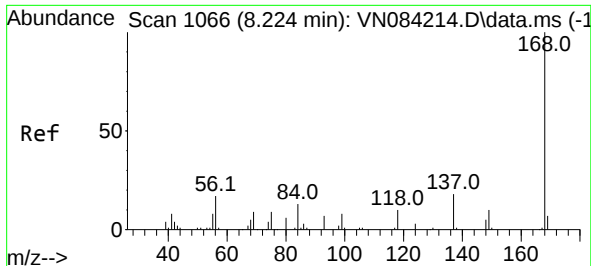
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 01 07:11:01 2024  
Response via : Initial Calibration

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

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

Quant Time: Oct 22 01:33:47 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 01 07:11:01 2024  
Response via : Initial Calibration

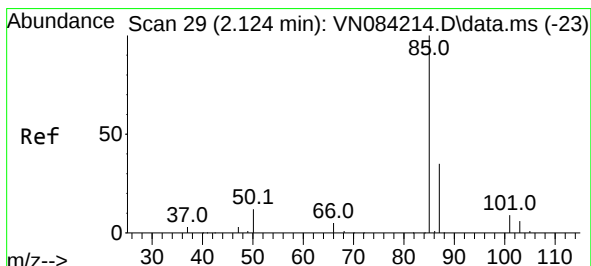
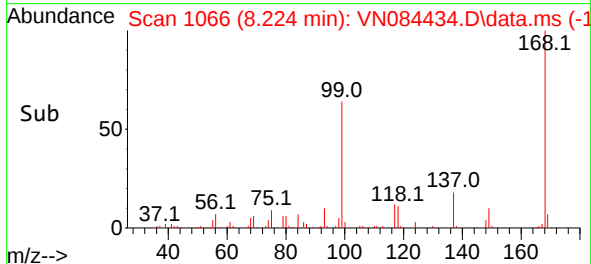
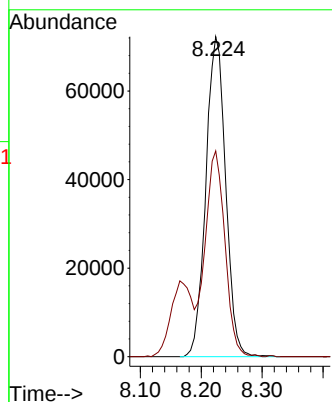
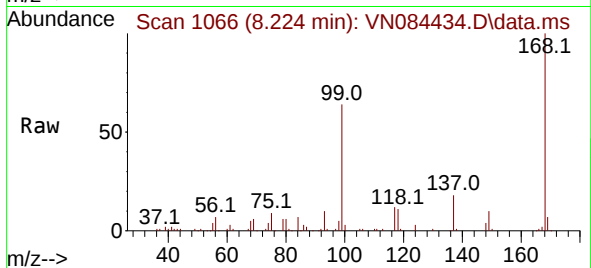




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

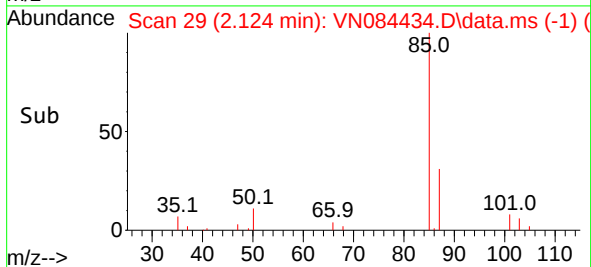
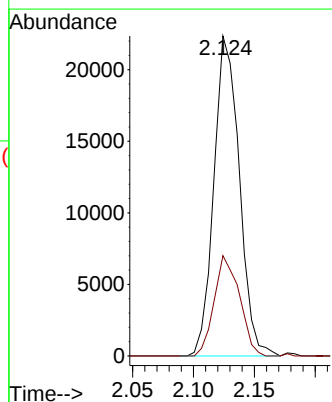
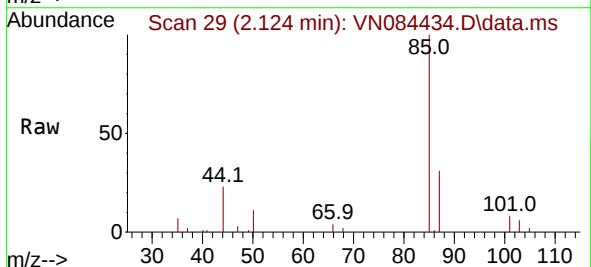
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

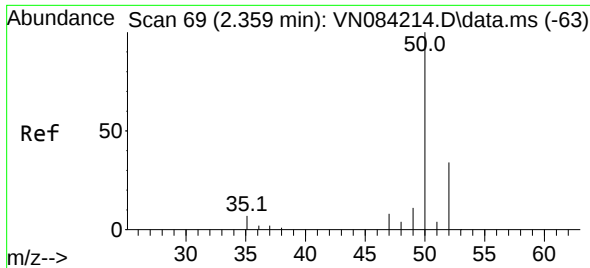
Tgt Ion:168 Resp: 163086  
Ion Ratio Lower Upper  
168 100  
99 64.3 54.2 81.2



#2  
Dichlorodifluoromethane  
Concen: 16.833 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 85 Resp: 32472  
Ion Ratio Lower Upper  
85 100  
87 31.4 17.6 52.9

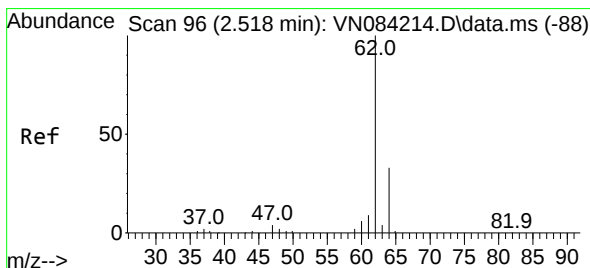
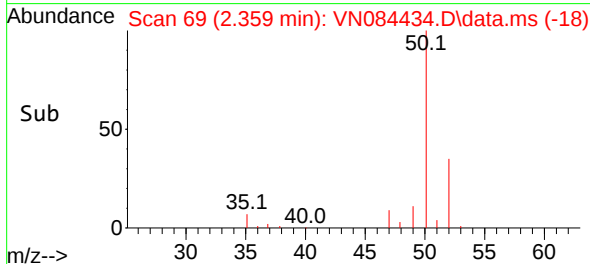
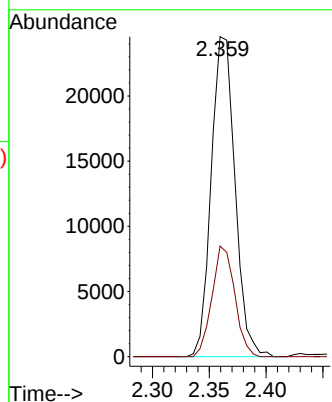
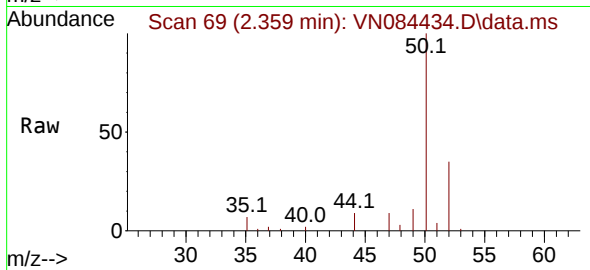




#3  
Chloromethane  
Concen: 16.255 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

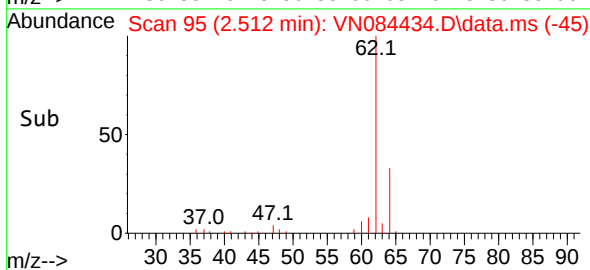
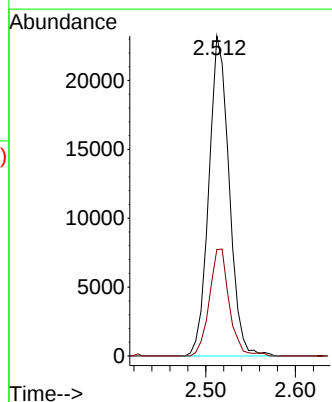
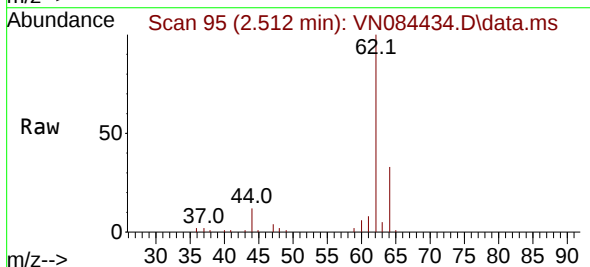
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

Tgt Ion: 50 Resp: 35804  
Ion Ratio Lower Upper  
50 100  
52 34.5 26.8 40.2



#4  
Vinyl Chloride  
Concen: 17.080 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 62 Resp: 36441  
Ion Ratio Lower Upper  
62 100  
64 33.2 26.2 39.4

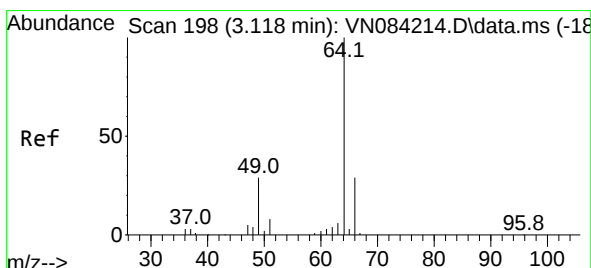
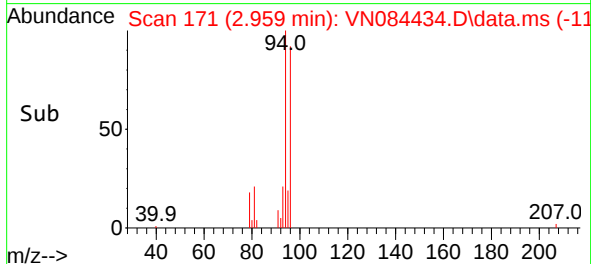
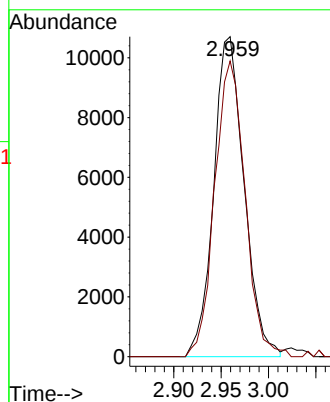
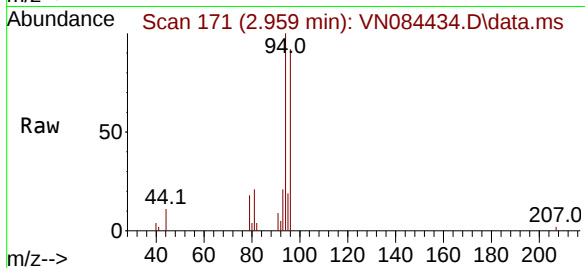




#5  
Bromomethane  
Concen: 16.992 ug/l  
RT: 2.959 min Scan# 171  
Delta R.T. 0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

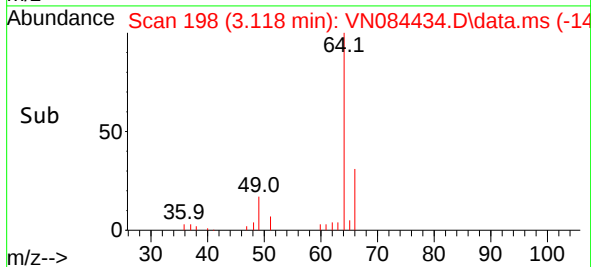
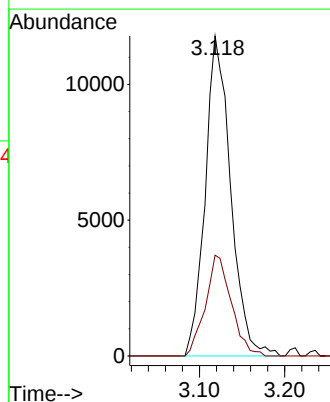
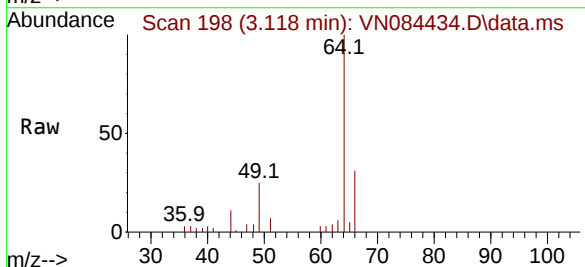
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

Tgt Ion: 94 Resp: 23913  
Ion Ratio Lower Upper  
94 100  
96 92.4 72.9 109.3



#6  
Chloroethane  
Concen: 16.017 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 64 Resp: 24475  
Ion Ratio Lower Upper  
64 100  
66 31.5 23.5 35.3

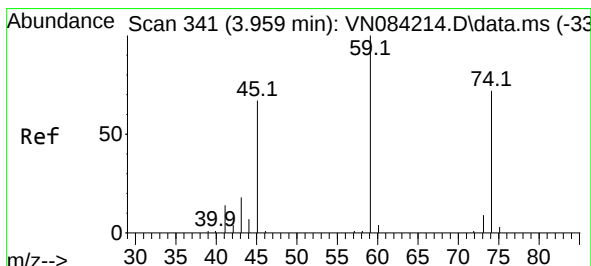
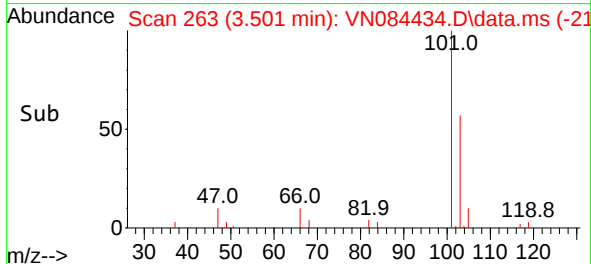
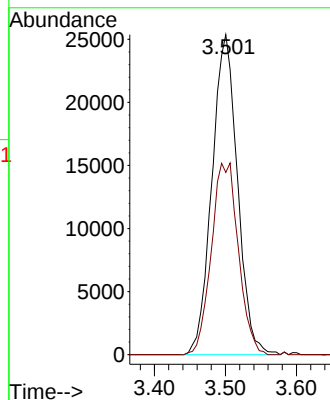
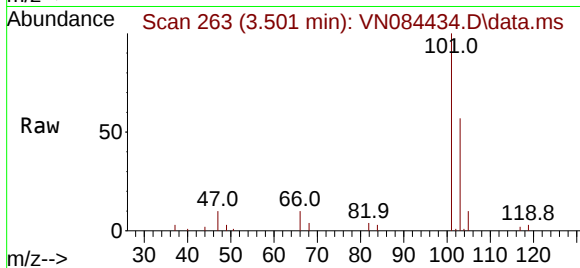




#7  
Trichlorofluoromethane  
Concen: 19.047 ug/l  
RT: 3.501 min Scan# 263  
Delta R.T. 0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

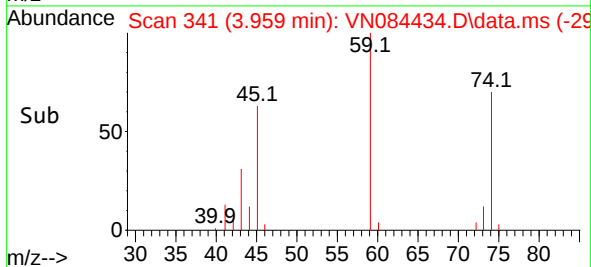
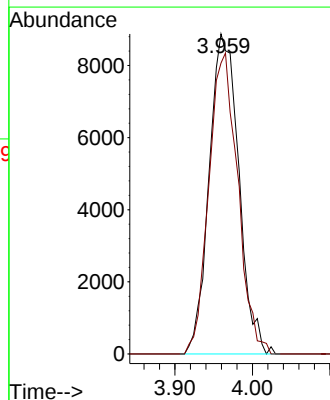
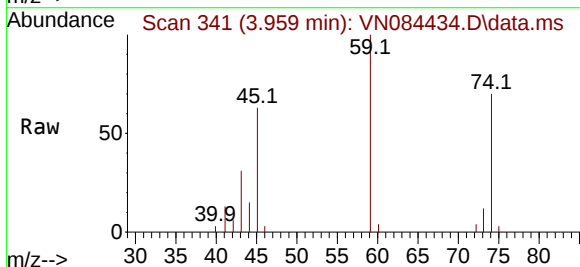
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

Tgt Ion:101 Resp: 63283  
Ion Ratio Lower Upper  
101 100  
103 57.0 51.8 77.6



#8  
Diethyl Ether  
Concen: 19.089 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 74 Resp: 23522  
Ion Ratio Lower Upper  
74 100  
45 92.1 47.7 143.1

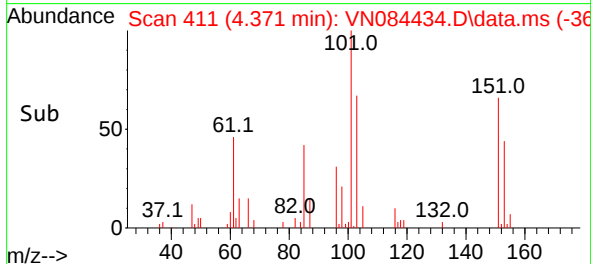
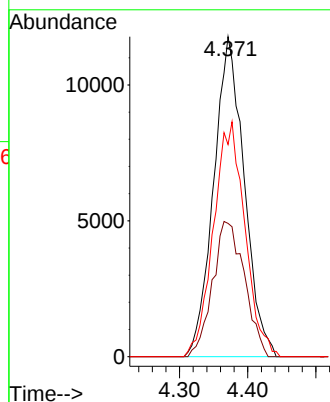
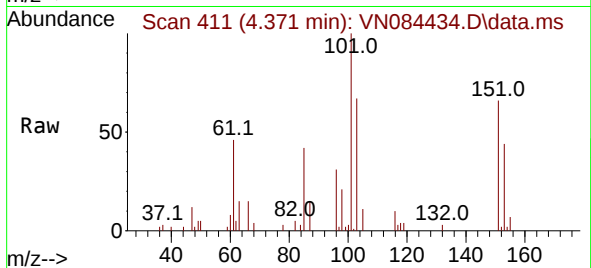




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.273 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

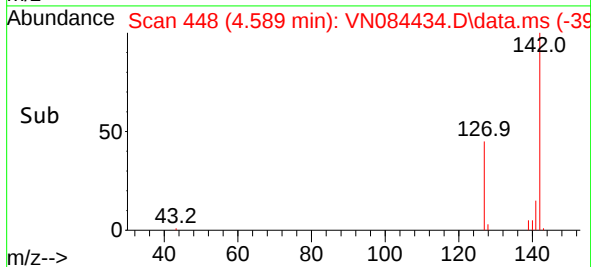
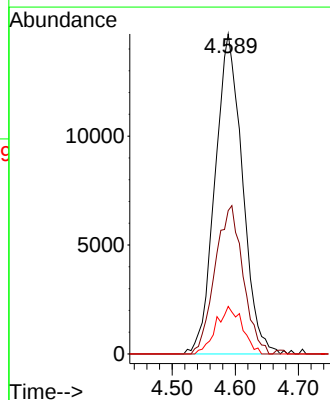
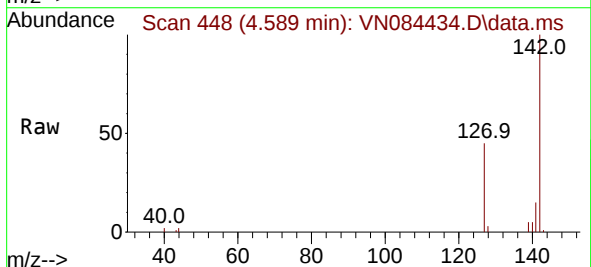
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

Tgt Ion:101 Resp: 36689  
Ion Ratio Lower Upper  
101 100  
85 44.0 36.2 54.4  
151 75.4 59.3 88.9



#10  
Methyl Iodide  
Concen: 18.016 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion:142 Resp: 44167  
Ion Ratio Lower Upper  
142 100  
127 44.8 35.3 52.9  
141 14.8 11.0 16.6

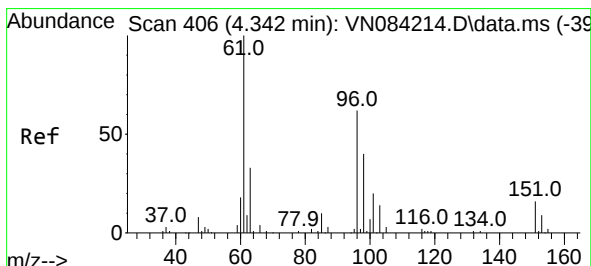
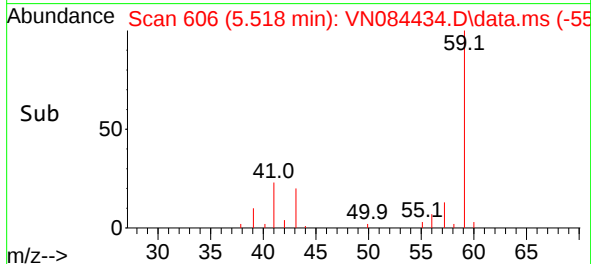
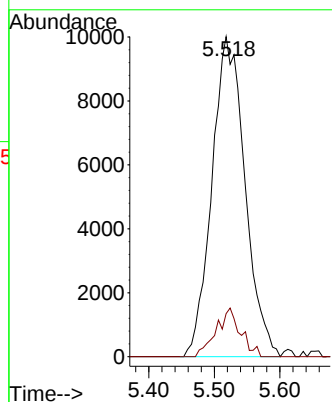
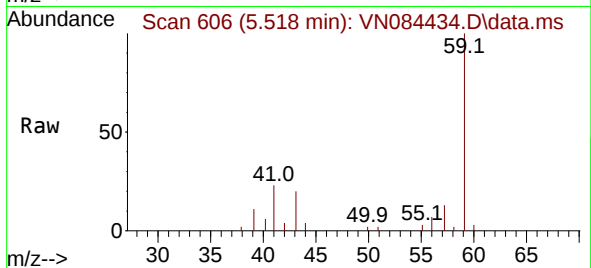




#11  
Tert butyl alcohol  
Concen: 87.914 ug/l  
RT: 5.518 min Scan# 607  
Delta R.T. -0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

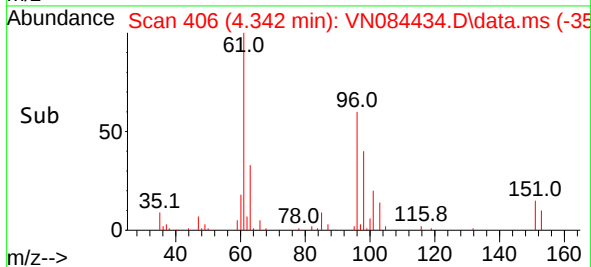
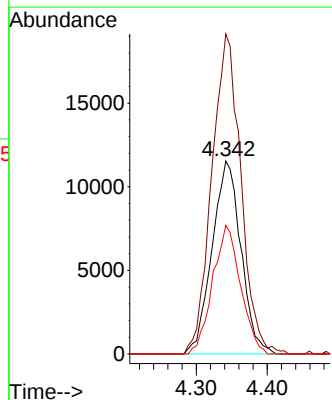
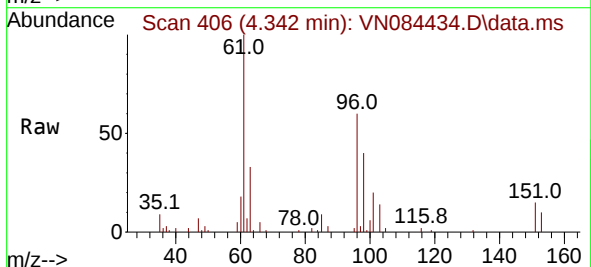
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

Tgt Ion: 59 Resp: 35053  
Ion Ratio Lower Upper  
59 100  
57 11.2 8.2 12.2



#12  
1,1-Dichloroethene  
Concen: 17.747 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 96 Resp: 32588  
Ion Ratio Lower Upper  
96 100  
61 165.9 128.6 192.8  
98 66.6 51.7 77.5

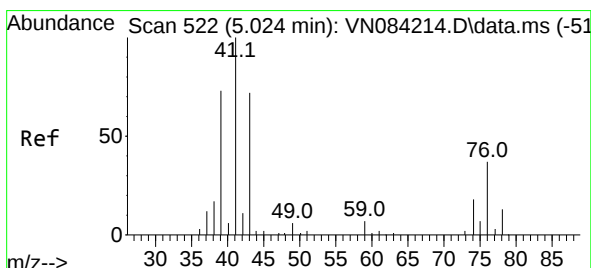
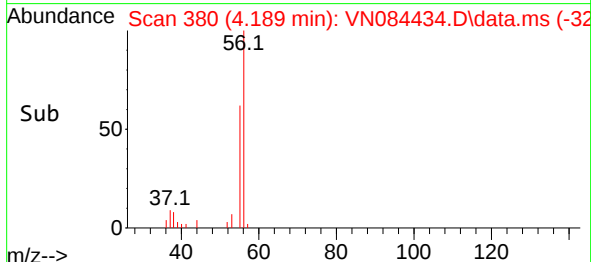
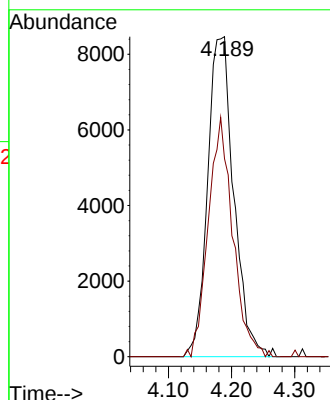
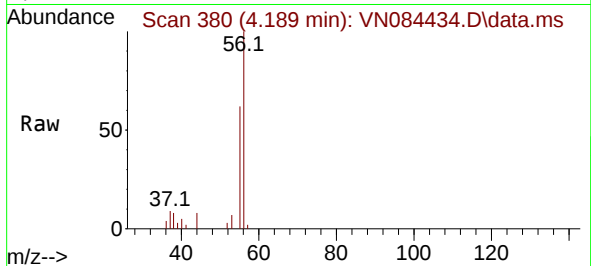




#13  
Acrolein  
Concen: 53.300 ug/l  
RT: 4.189 min Scan# 378  
Delta R.T. 0.012 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

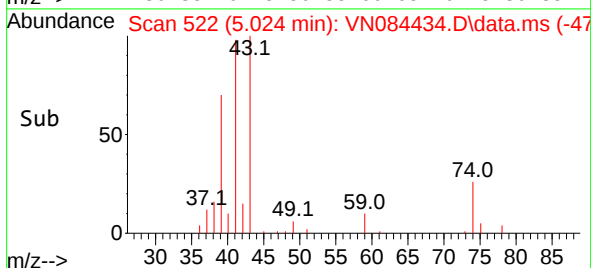
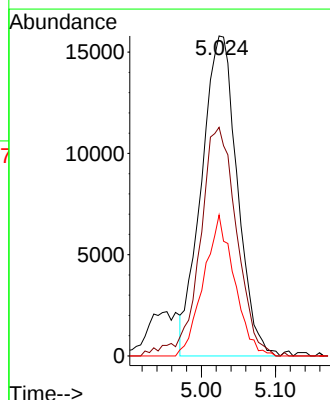
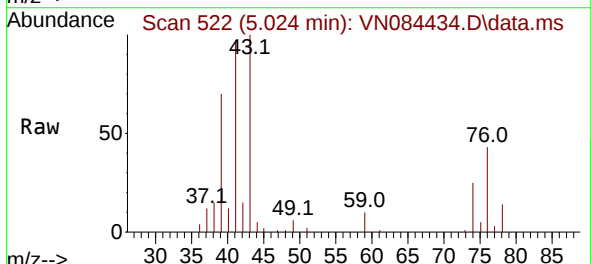
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

Tgt Ion: 56 Resp: 24397  
Ion Ratio Lower Upper  
56 100  
55 69.9 57.2 85.8



#14  
Allyl chloride  
Concen: 16.646 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 41 Resp: 53083  
Ion Ratio Lower Upper  
41 100  
39 73.1 59.0 88.6  
76 37.9 29.8 44.6

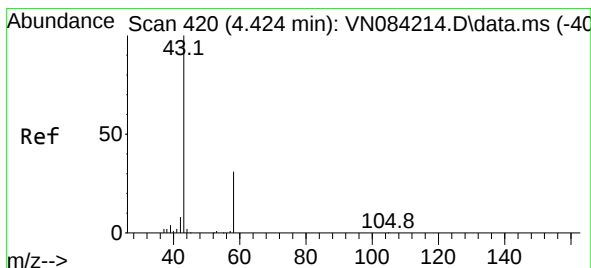
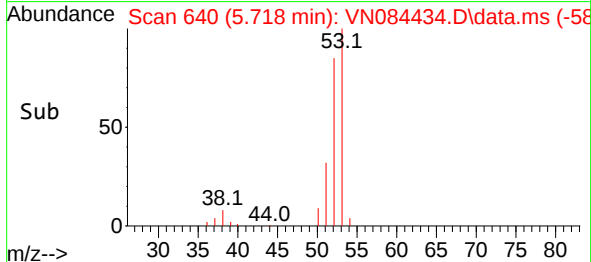
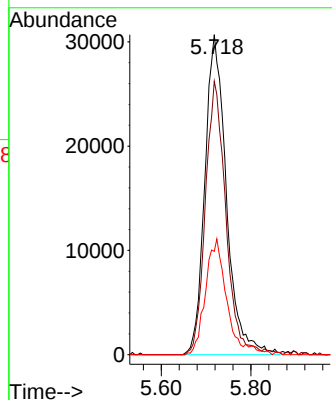
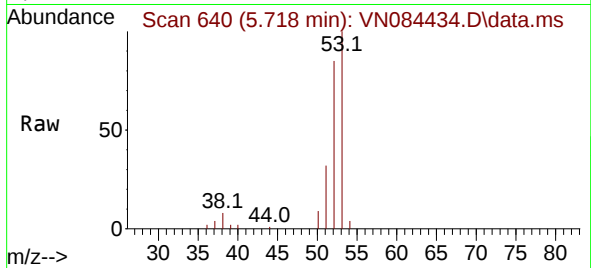




#15  
Acrylonitrile  
Concen: 101.771 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

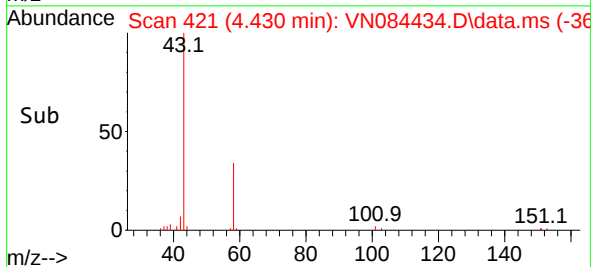
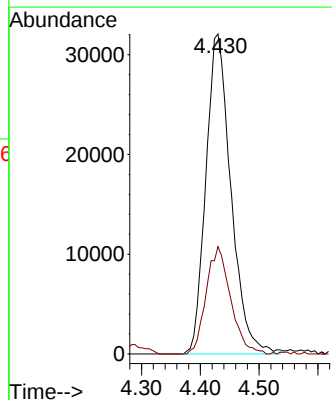
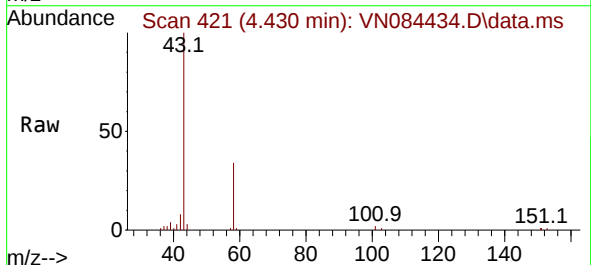
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

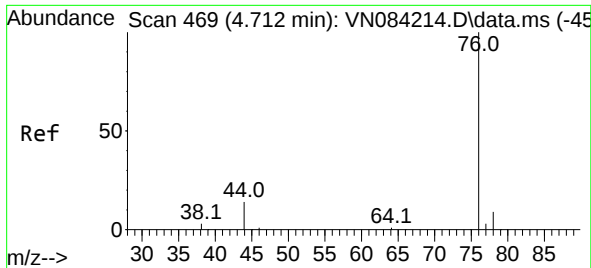
Tgt Ion: 53 Resp: 102471  
Ion Ratio Lower Upper  
53 100  
52 80.5 66.2 99.4  
51 34.0 28.8 43.2



#16  
Acetone  
Concen: 91.613 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 43 Resp: 95163  
Ion Ratio Lower Upper  
43 100  
58 33.5 24.4 36.6

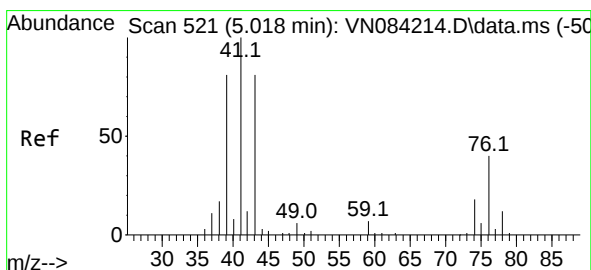
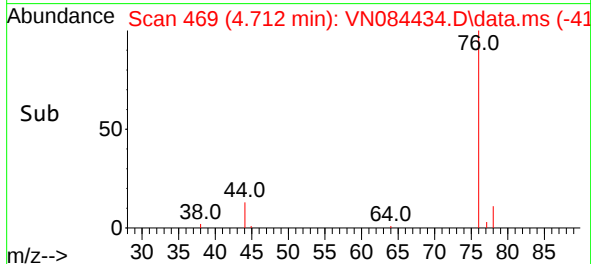
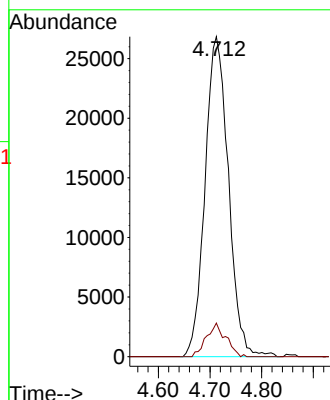
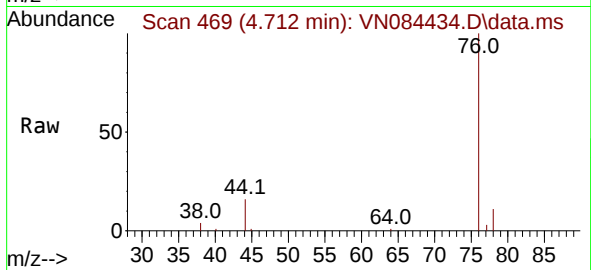




#17  
Carbon Disulfide  
Concen: 14.496 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

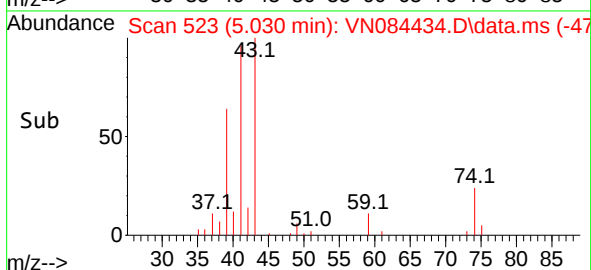
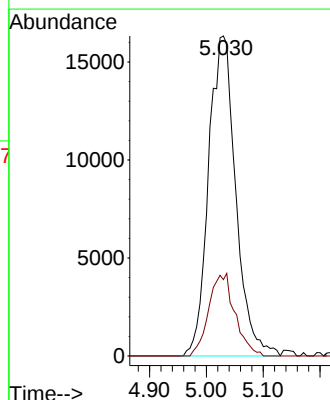
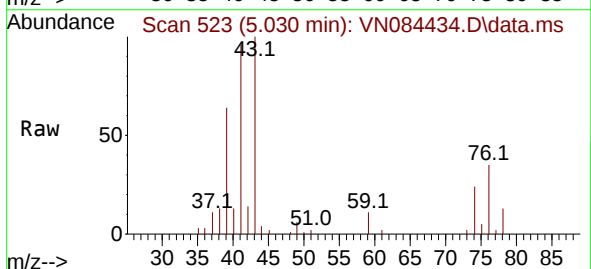
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

Tgt Ion: 76 Resp: 84276  
Ion Ratio Lower Upper  
76 100  
78 10.5 7.3 10.9



#18  
Methyl Acetate  
Concen: 24.005 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.012 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 43 Resp: 54347  
Ion Ratio Lower Upper  
43 100  
74 24.7 19.2 28.8

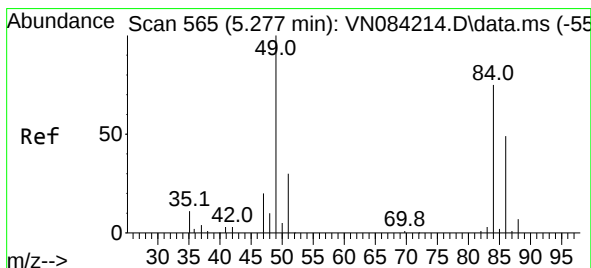
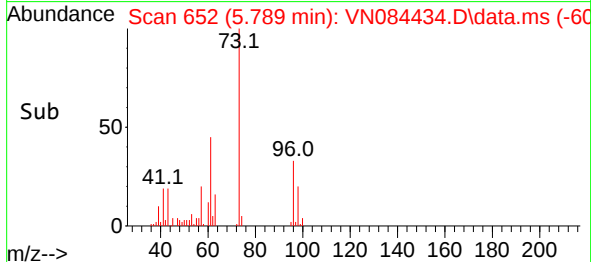
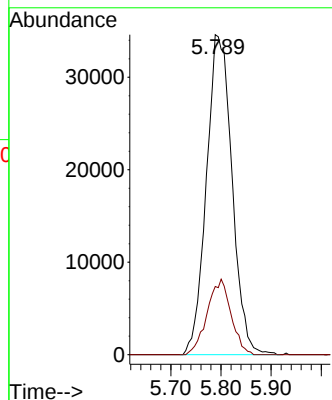
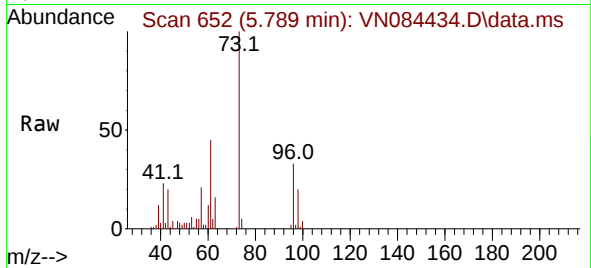




#19  
Methyl tert-butyl Ether  
Concen: 19.826 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

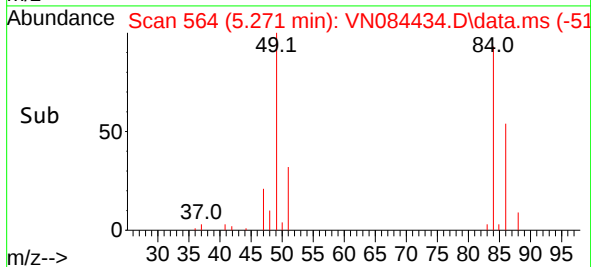
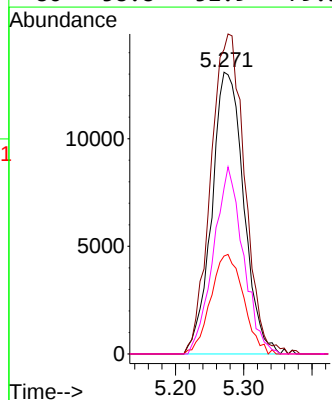
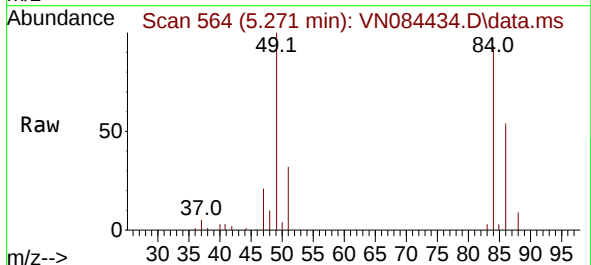
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

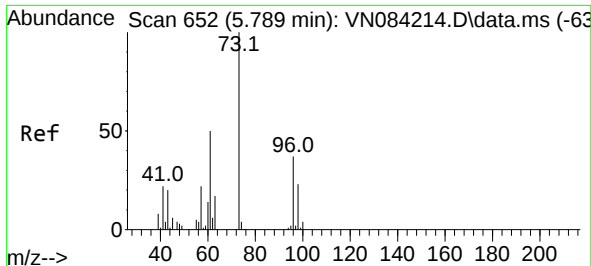
Tgt Ion: 73 Resp: 122872  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.7 26.5



#20  
Methylene Chloride  
Concen: 20.192 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 84 Resp: 42636  
Ion Ratio Lower Upper  
84 100  
49 108.1 107.2 160.8  
51 34.8 31.8 47.8  
86 58.8 52.9 79.3

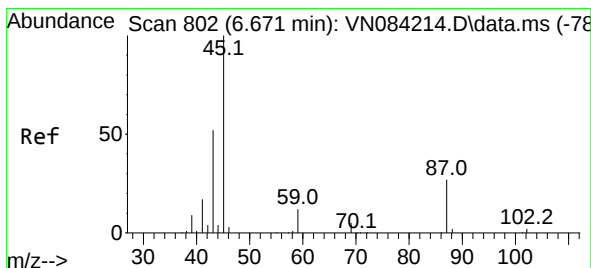
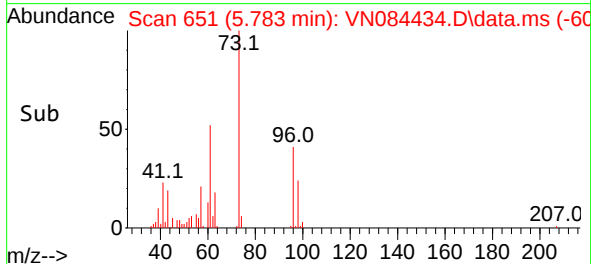
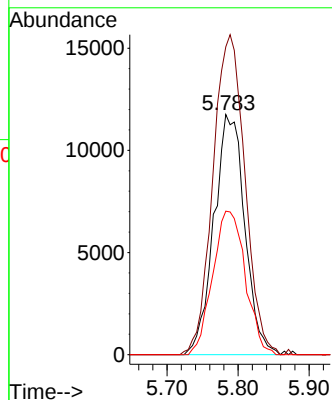
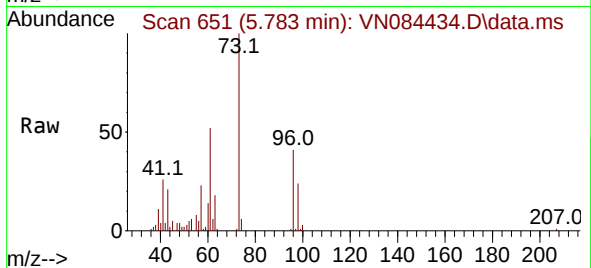




#21  
trans-1,2-Dichloroethene  
Concen: 18.395 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

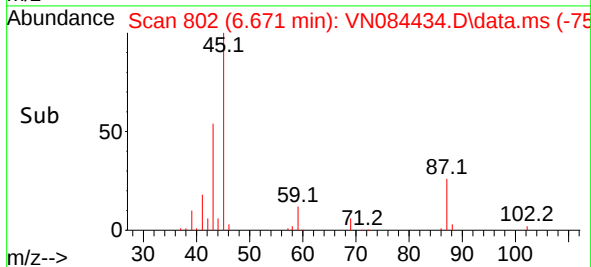
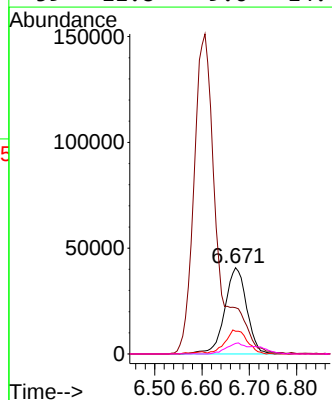
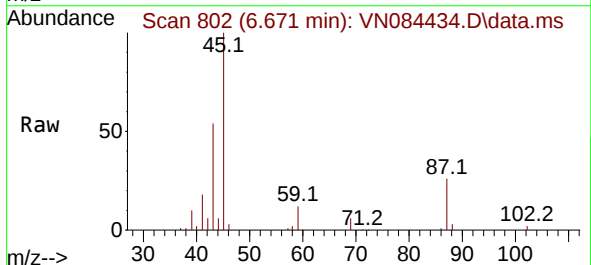
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

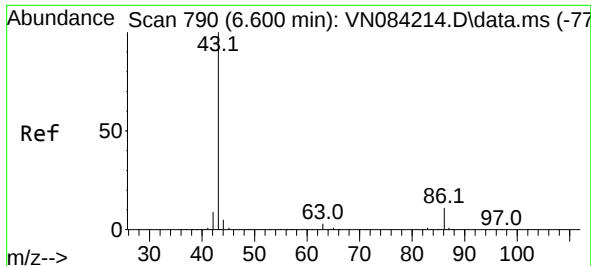
Tgt Ion: 96 Resp: 35388  
Ion Ratio Lower Upper  
96 100  
61 128.1 108.4 162.6  
98 59.8 49.8 74.8



#22  
Diisopropyl ether  
Concen: 19.859 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 45 Resp: 130999  
Ion Ratio Lower Upper  
45 100  
43 51.9 42.3 63.5  
87 26.3 21.8 32.6  
59 11.8 9.6 14.4

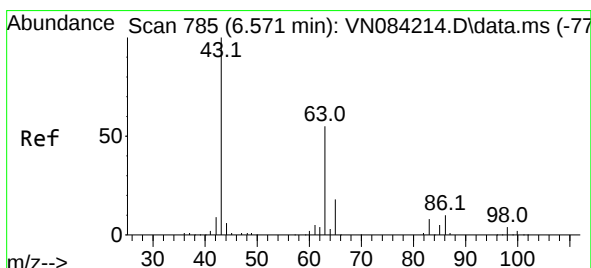
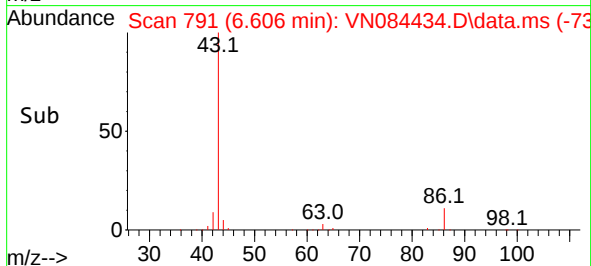
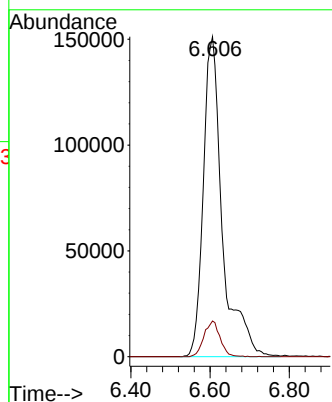
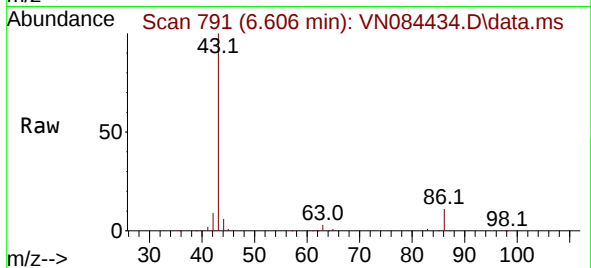




#23  
 Vinyl Acetate  
 Concen: 103.215 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN084434.D  
 Acq: 21 Oct 2024 14:22

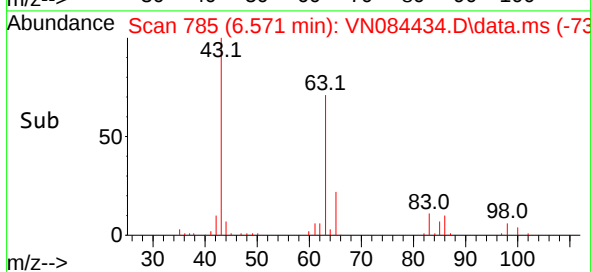
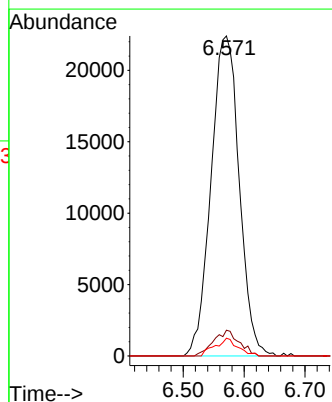
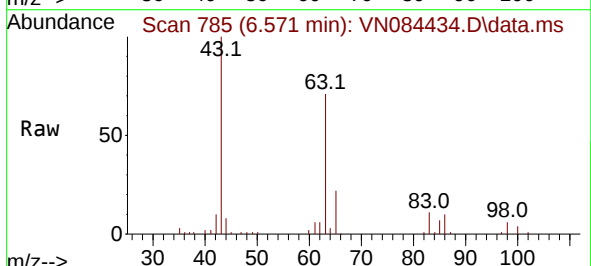
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1021WBSD01

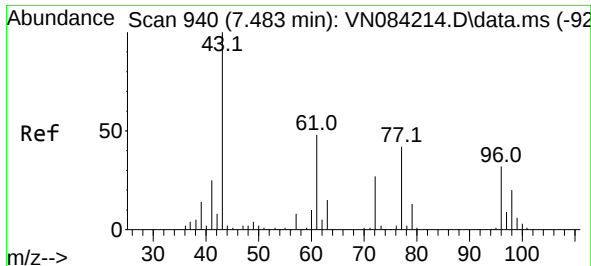
Tgt Ion: 43 Resp: 504977  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 8.6 12.8



#24  
 1,1-Dichloroethane  
 Concen: 19.553 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.000 min  
 Lab File: VN084434.D  
 Acq: 21 Oct 2024 14:22

Tgt Ion: 63 Resp: 72128  
 Ion Ratio Lower Upper  
 63 100  
 98 8.1 3.4 10.2  
 100 5.5 2.0 5.8

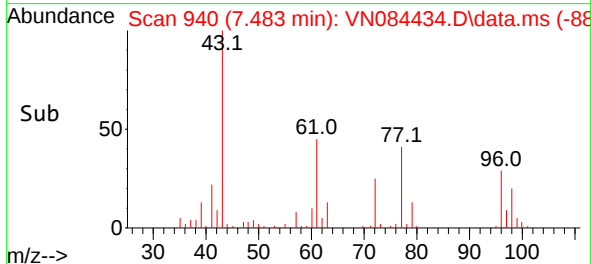
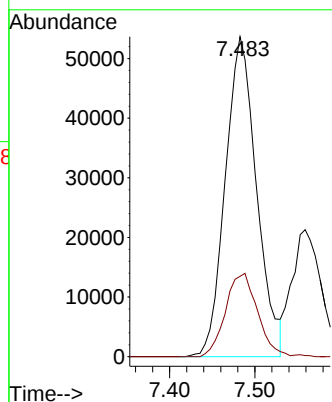
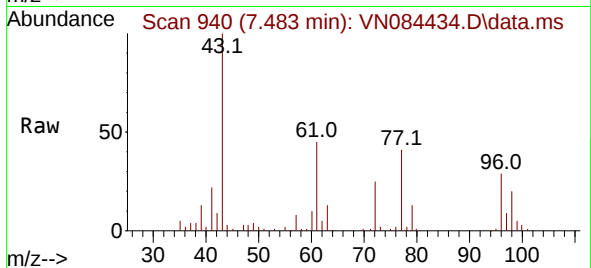




#25  
2-Butanone  
Concen: 96.795 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

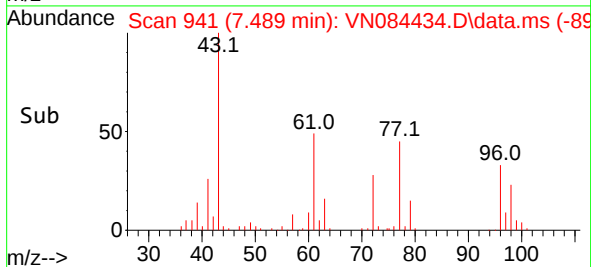
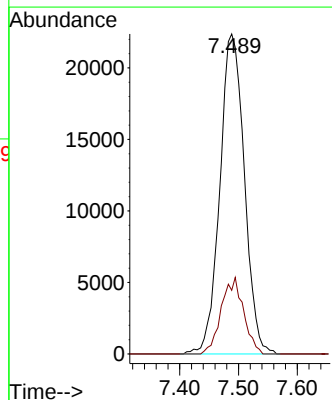
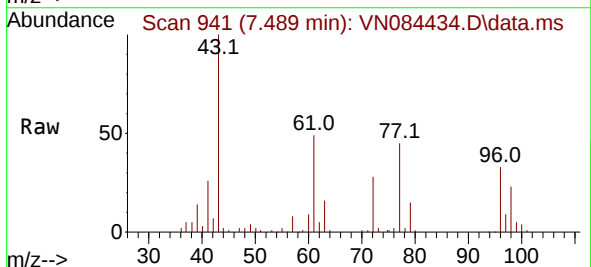
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

Tgt Ion: 43 Resp: 136944  
Ion Ratio Lower Upper  
43 100  
72 25.1 21.4 32.2



#26  
2,2-Dichloropropane  
Concen: 19.469 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 77 Resp: 64755  
Ion Ratio Lower Upper  
77 100  
97 21.7 10.8 32.3

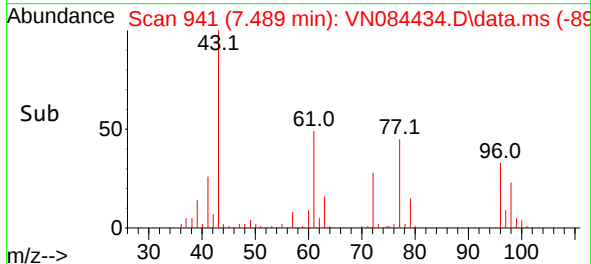
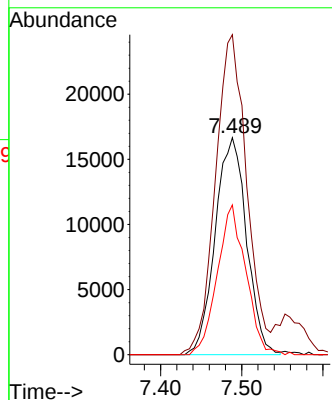
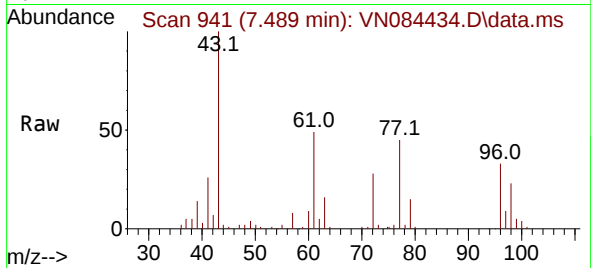




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.222 ug/l  
 RT: 7.489 min Scan# 941  
 Delta R.T. 0.000 min  
 Lab File: VN084434.D  
 Acq: 21 Oct 2024 14:22

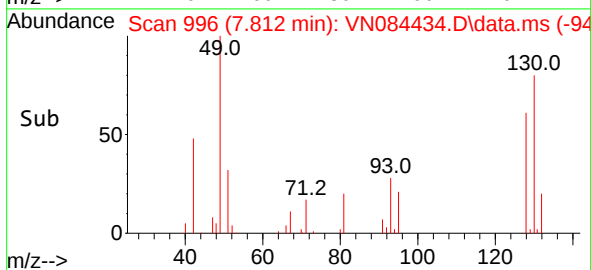
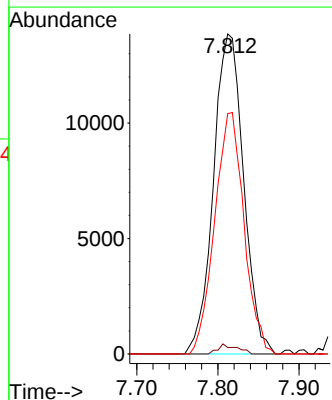
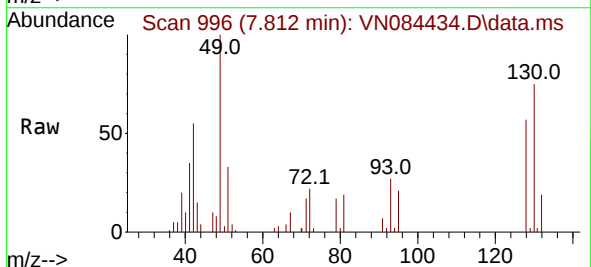
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1021WBSD01

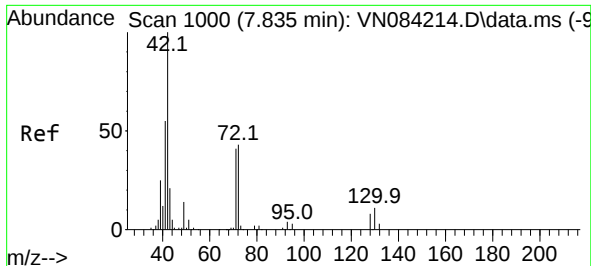
Tgt Ion: 96 Resp: 44686  
 Ion Ratio Lower Upper  
 96 100  
 61 147.3 0.0 301.8  
 98 62.9 0.0 128.2



#28  
 Bromochloromethane  
 Concen: 21.744 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.000 min  
 Lab File: VN084434.D  
 Acq: 21 Oct 2024 14:22

Tgt Ion: 49 Resp: 35788  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 3.6  
 130 73.3 58.0 87.0





#29

Tetrahydrofuran

Concen: 98.113 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

VN1021WBSD01

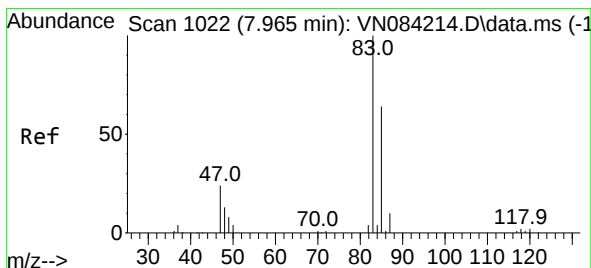
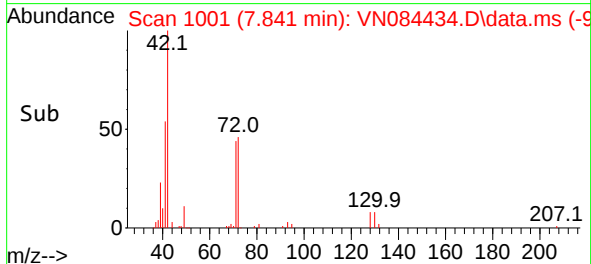
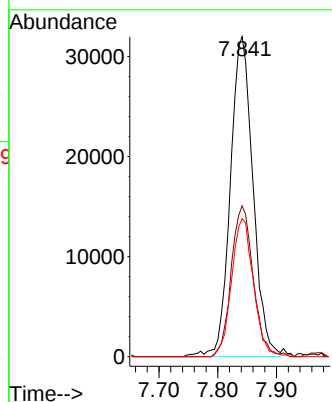
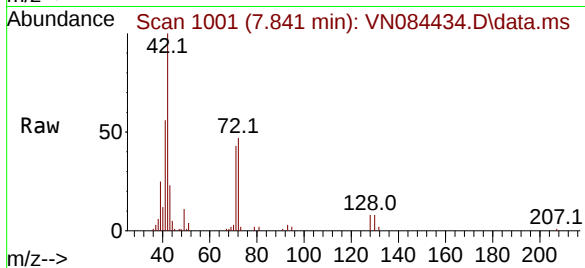
Tgt Ion: 42 Resp: 85661

Ion Ratio Lower Upper

42 100

72 45.7 34.6 51.8

71 41.7 32.2 48.4



#30

Chloroform

Concen: 20.055 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084434.D

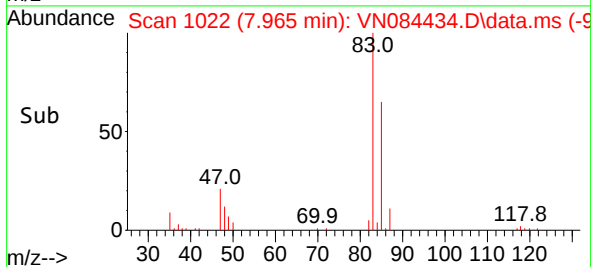
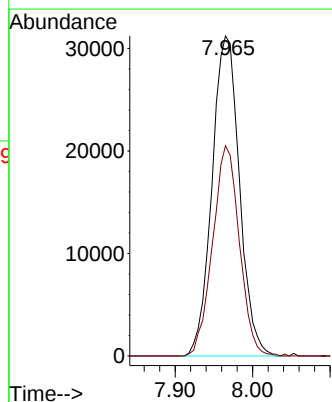
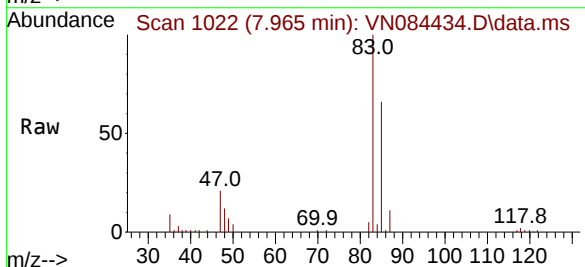
Acq: 21 Oct 2024 14:22

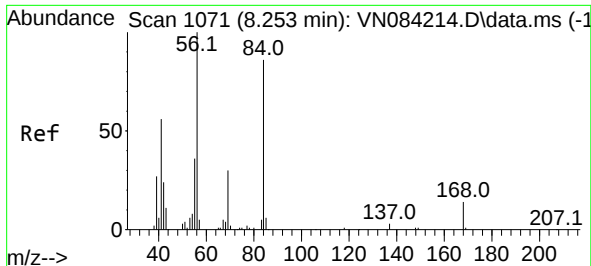
Tgt Ion: 83 Resp: 76845

Ion Ratio Lower Upper

83 100

85 65.7 51.0 76.4

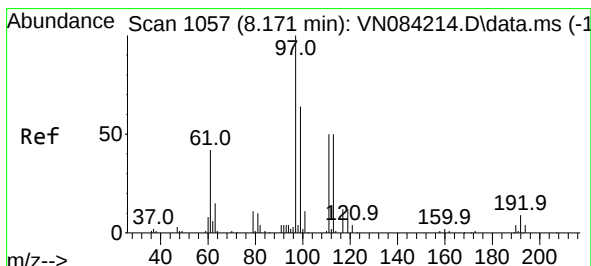
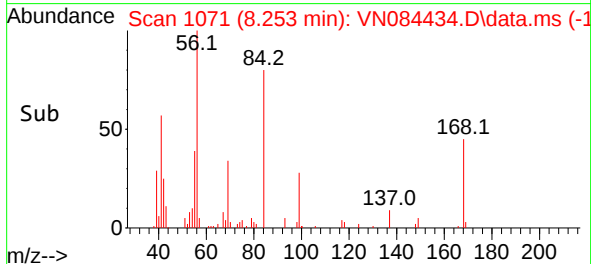
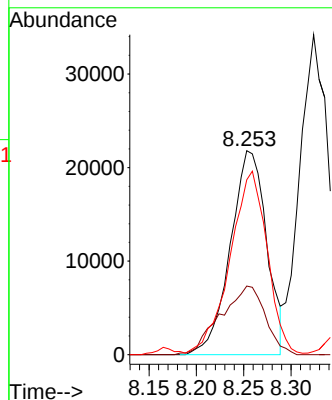
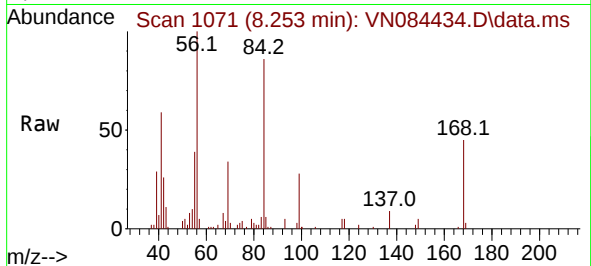




#31  
Cyclohexane  
Concen: 16.223 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

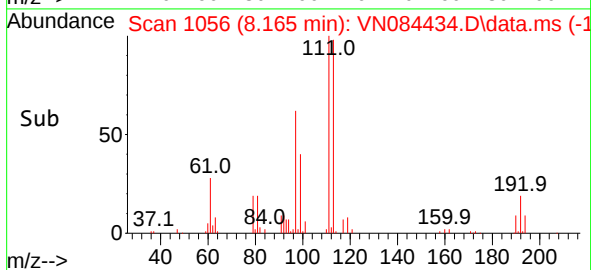
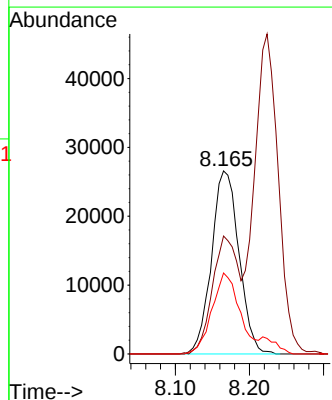
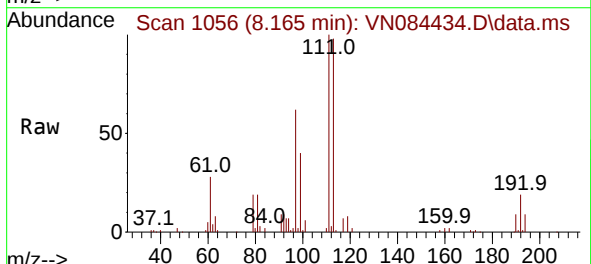
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

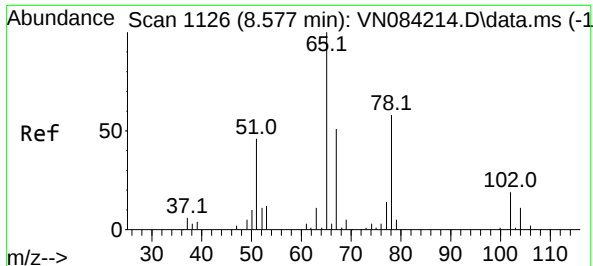
Tgt Ion: 56 Resp: 58106  
Ion Ratio Lower Upper  
56 100  
69 32.9 23.8 35.6  
84 84.1 68.8 103.2



#32  
1,1,1-Trichloroethane  
Concen: 19.832 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 97 Resp: 68247  
Ion Ratio Lower Upper  
97 100  
99 60.2 51.2 76.8  
61 45.1 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 51.056 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

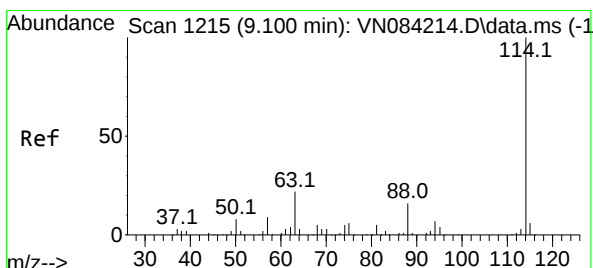
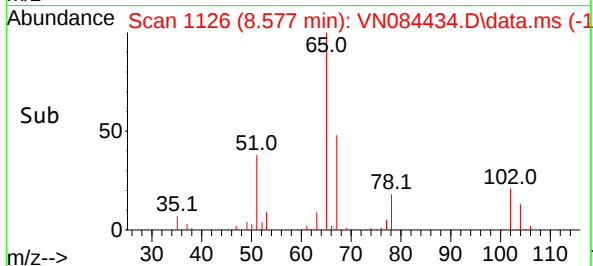
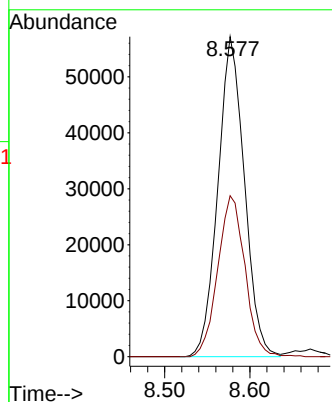
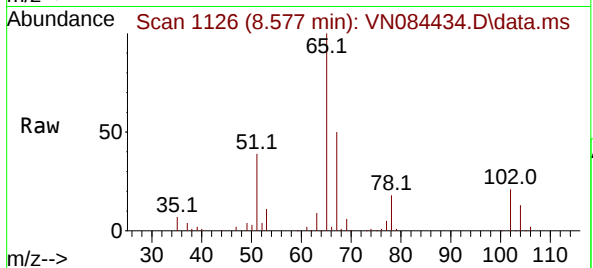
VN1021WBSD01

Tgt Ion: 65 Resp: 123457

Ion Ratio Lower Upper

65 100

67 51.6 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: VN084434.D

Acq: 21 Oct 2024 14:22

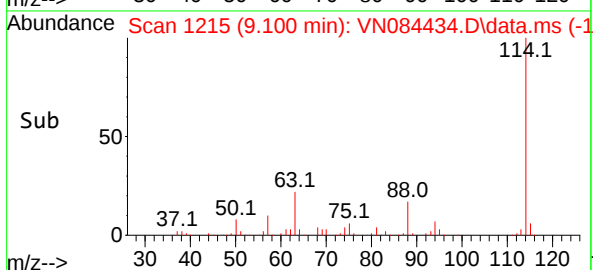
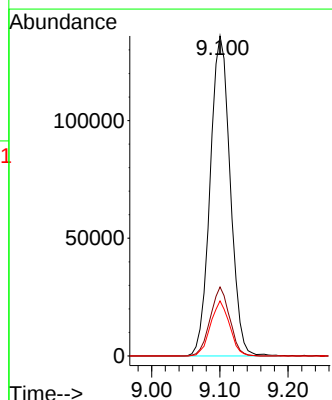
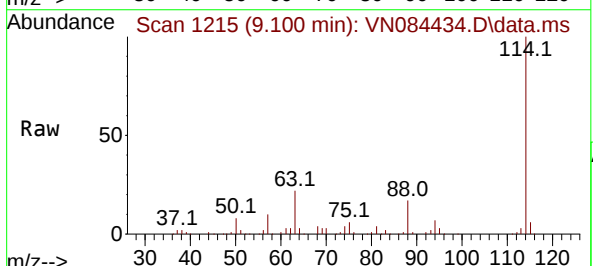
Tgt Ion: 114 Resp: 278516

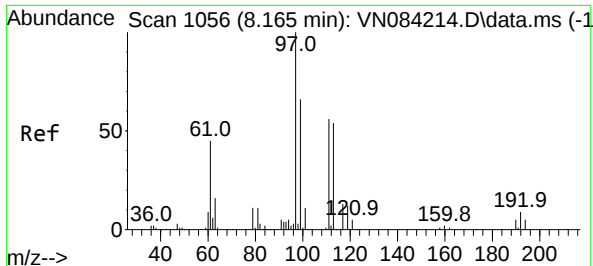
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.8

88 17.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.829 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

VN1021WBSD01

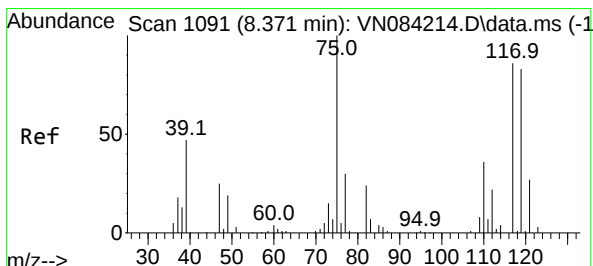
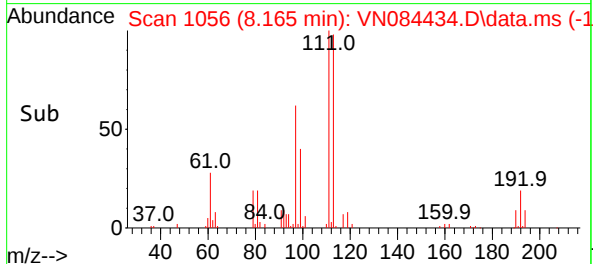
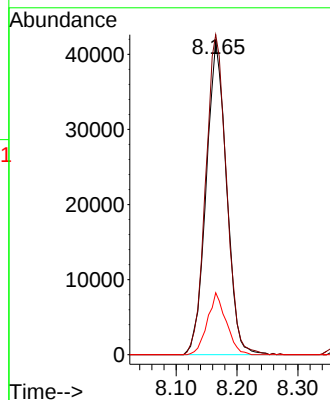
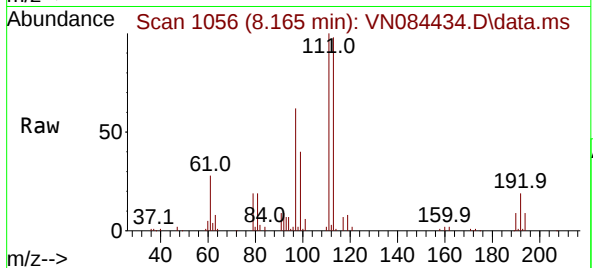
Tgt Ion:113 Resp: 97003

Ion Ratio Lower Upper

113 100

111 104.0 83.3 124.9

192 18.2 13.5 20.3



#36

1,1-Dichloropropene

Concen: 18.689 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

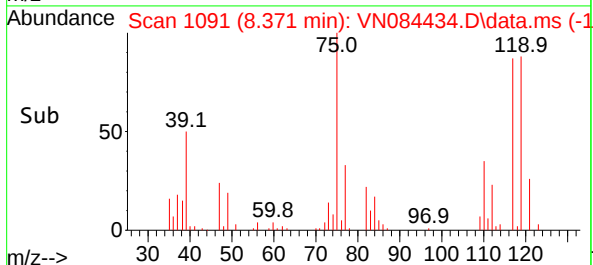
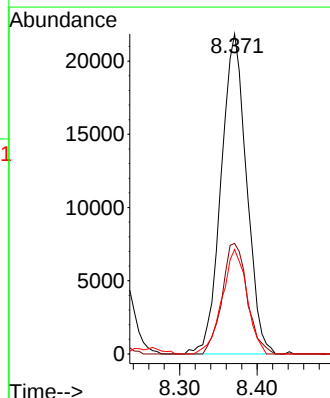
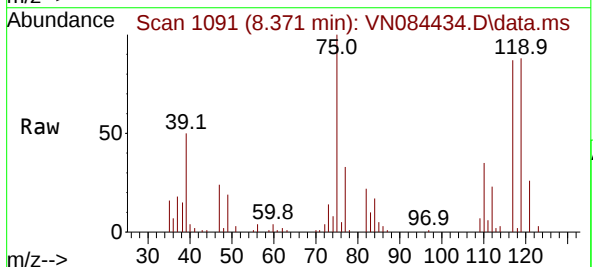
Tgt Ion: 75 Resp: 49846

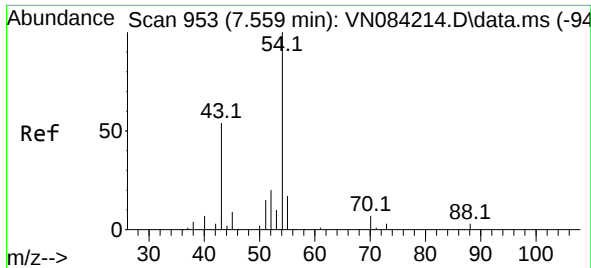
Ion Ratio Lower Upper

75 100

110 34.2 16.9 50.7

77 32.0 24.7 37.1

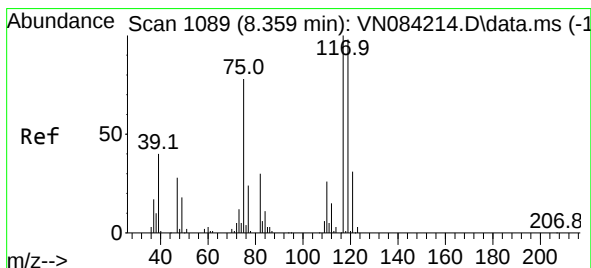
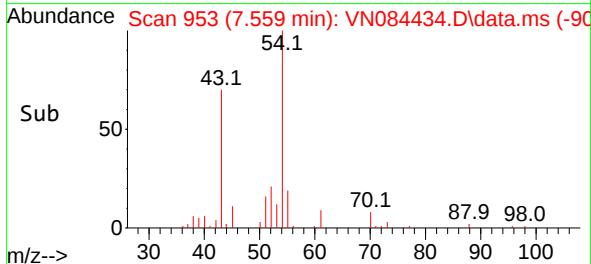
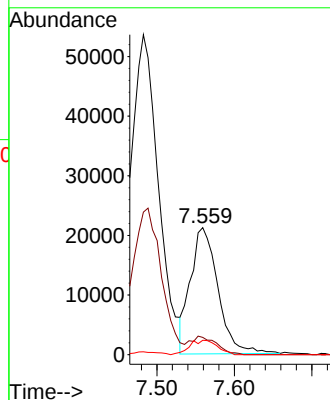
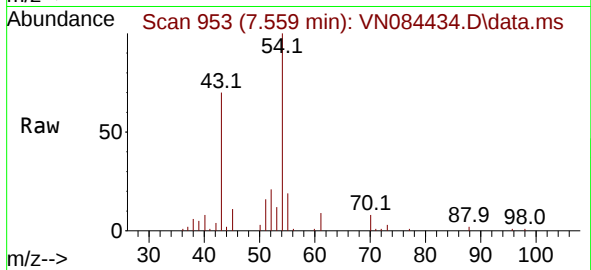




#37  
Ethyl Acetate  
Concen: 19.160 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

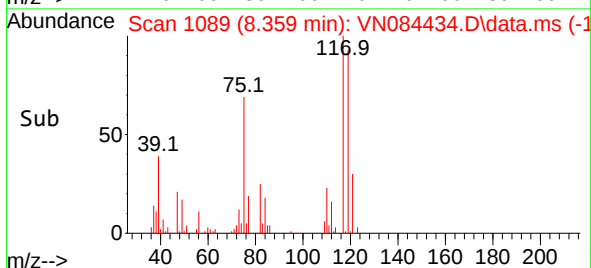
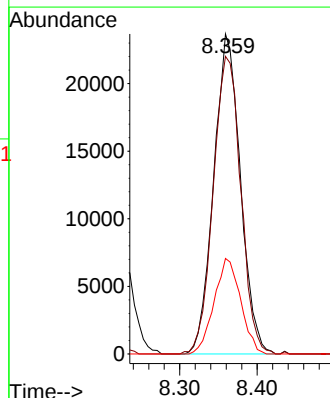
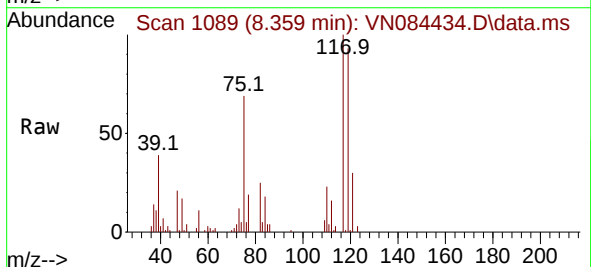
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

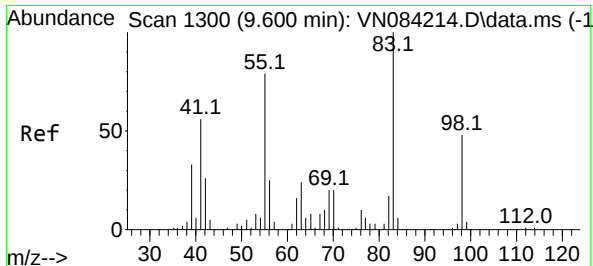
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 52425 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 13.7     | 10.7 16.1   |
| 70 11.4     | 8.8 13.2    |



#38  
Carbon Tetrachloride  
Concen: 19.356 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:117 | Resp: | 56628 |       |
| Ion         | Ratio | Lower | Upper |
| 117         | 100   |       |       |
| 119         | 93.0  | 78.7  | 118.1 |
| 121         | 29.8  | 24.4  | 36.6  |





#39

Methylcyclohexane

Concen: 17.009 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

VN1021WBSD01

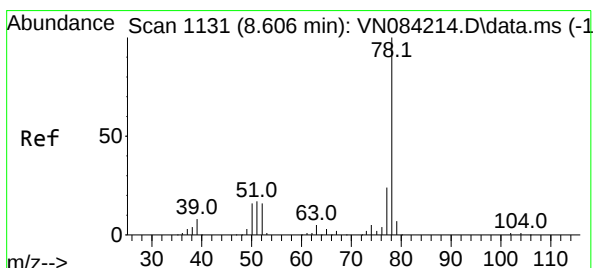
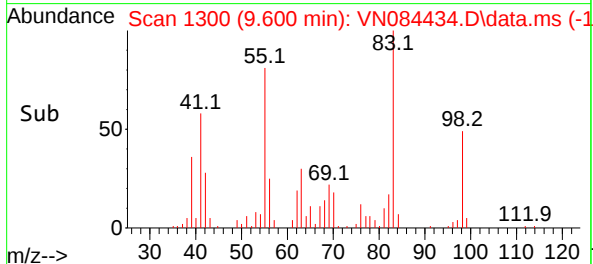
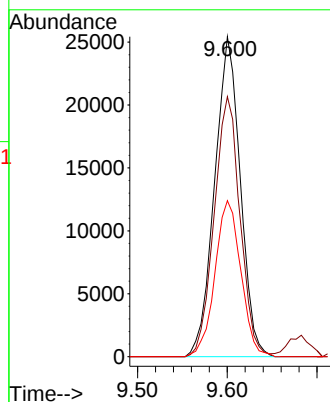
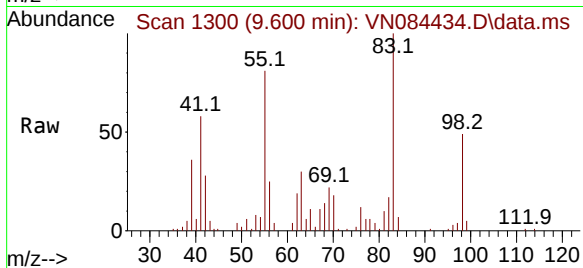
Tgt Ion: 83 Resp: 50490

Ion Ratio Lower Upper

83 100

55 81.3 62.8 94.2

98 48.7 38.8 58.2



#40

Benzene

Concen: 19.612 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084434.D

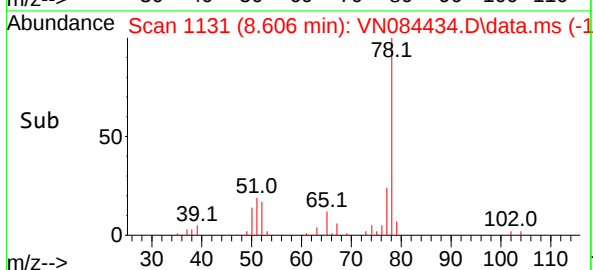
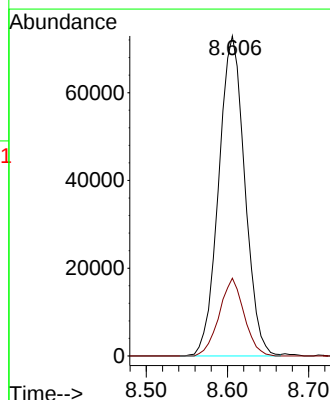
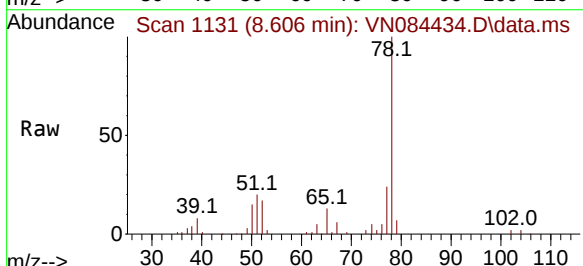
Acq: 21 Oct 2024 14:22

Tgt Ion: 78 Resp: 162968

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

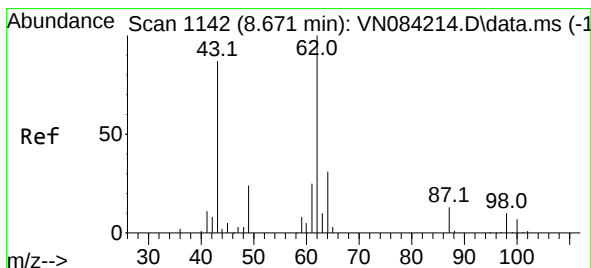
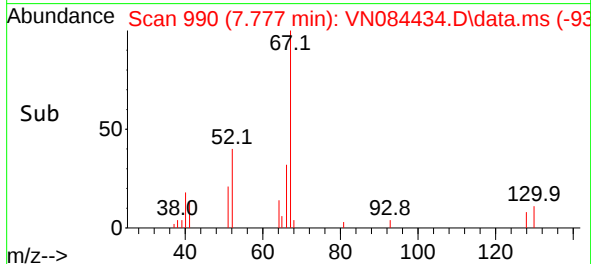
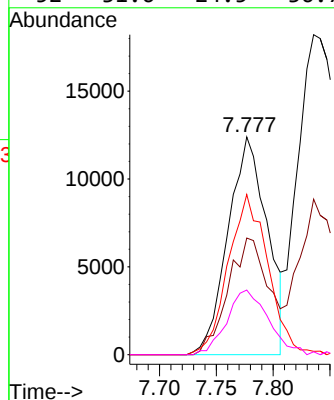
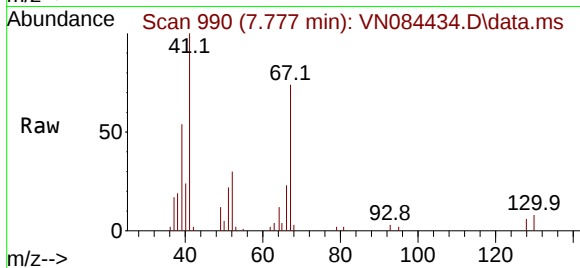




#41  
Methacrylonitrile  
Concen: 20.079 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

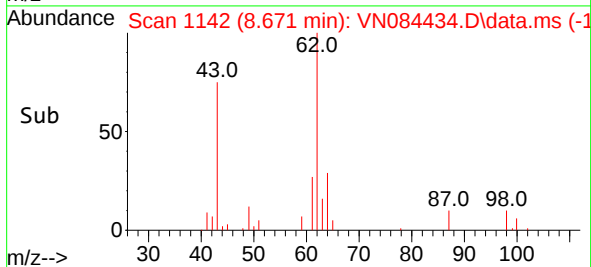
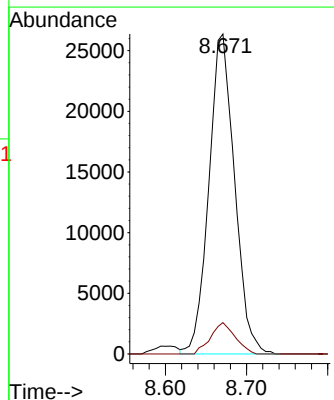
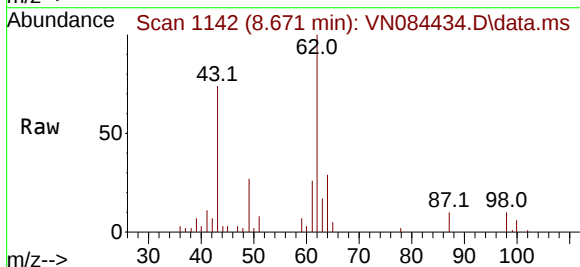
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

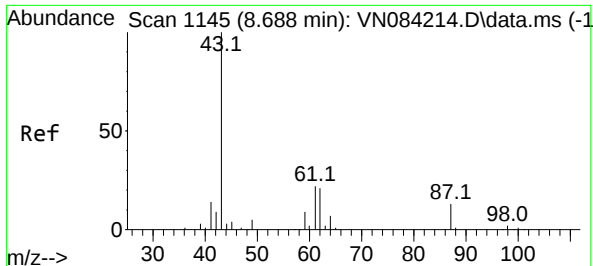
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 29826 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.1  | 43.3  | 64.9  |
| 67       | 74.8  | 56.1  | 84.1  |
| 52       | 31.6  | 24.5  | 36.7  |



#42  
1,2-Dichloroethane  
Concen: 20.598 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 58026 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.3   | 0.0   | 18.2  |

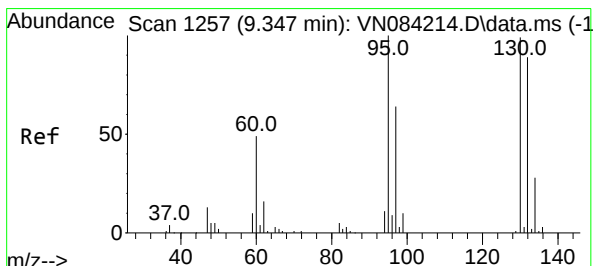
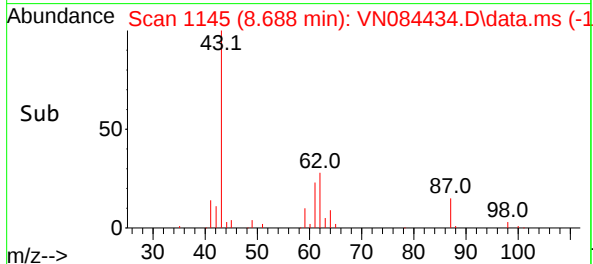
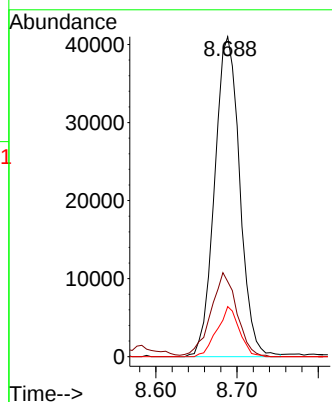
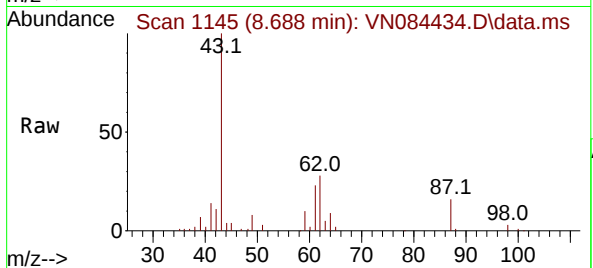




#43  
Isopropyl Acetate  
Concen: 16.429 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

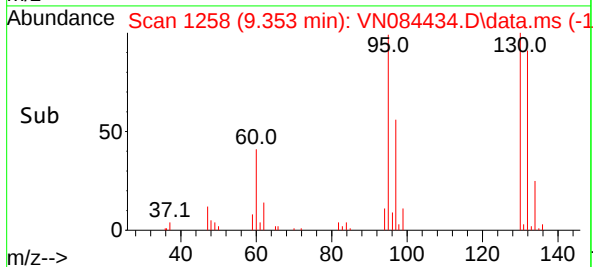
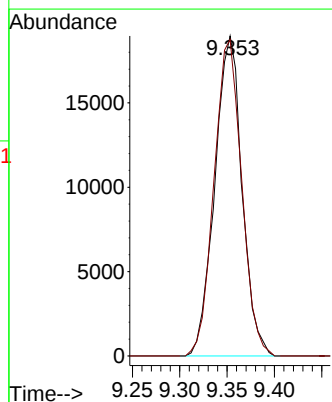
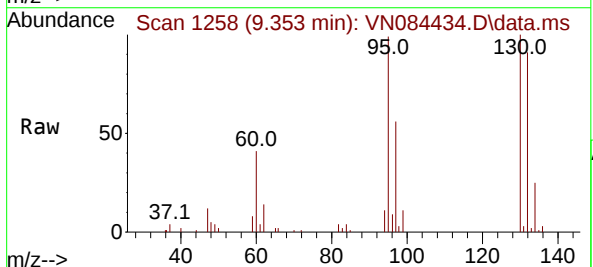
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

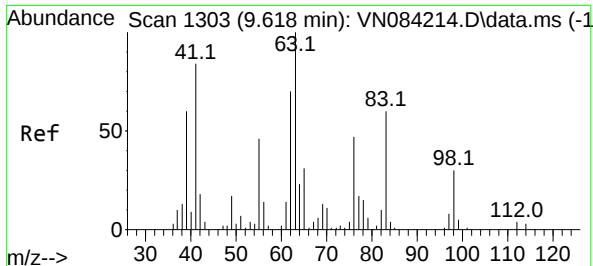
Tgt Ion: 43 Resp: 88049  
Ion Ratio Lower Upper  
43 100  
61 27.4 20.4 30.6  
87 13.9 10.3 15.5



#44  
Trichloroethene  
Concen: 19.541 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion:130 Resp: 37926  
Ion Ratio Lower Upper  
130 100  
95 98.9 0.0 203.0





#45

1,2-Dichloropropane

Concen: 20.882 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

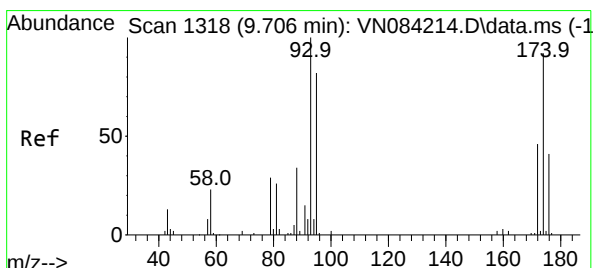
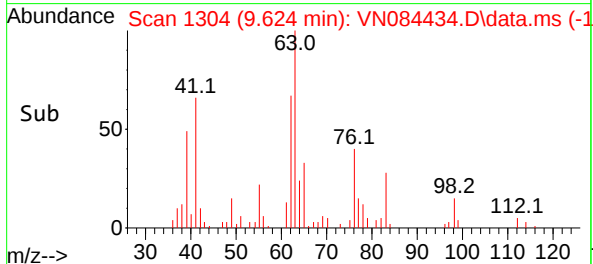
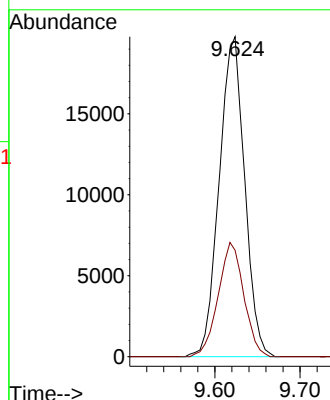
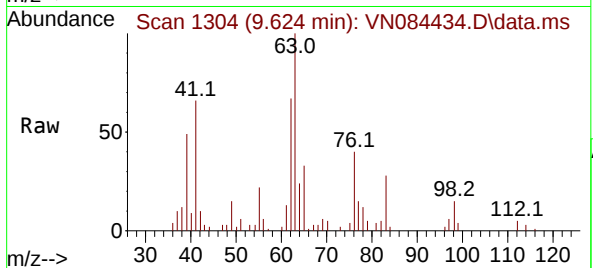
VN1021WBSD01

Tgt Ion: 63 Resp: 41049

Ion Ratio Lower Upper

63 100

65 33.3 24.6 37.0



#46

Dibromomethane

Concen: 22.002 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

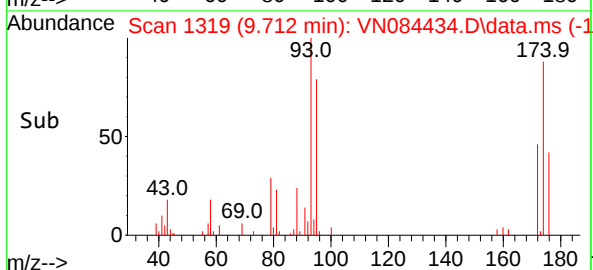
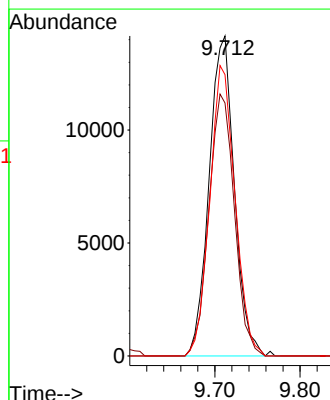
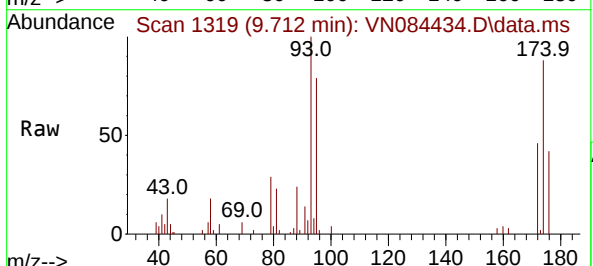
Tgt Ion: 93 Resp: 29187

Ion Ratio Lower Upper

93 100

95 82.7 65.0 97.4

174 90.6 71.8 107.8

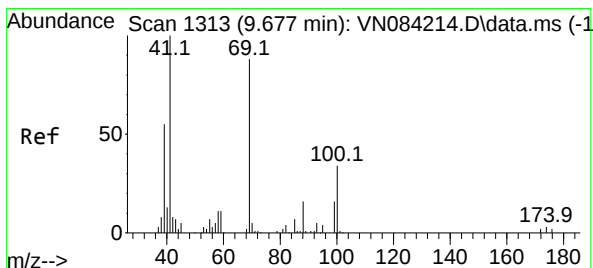
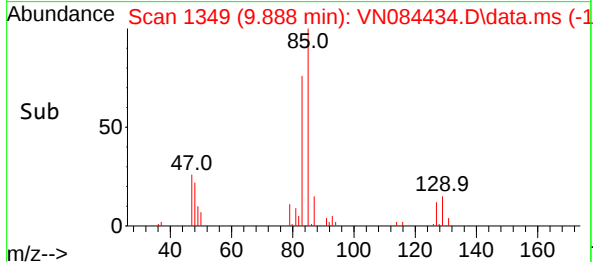
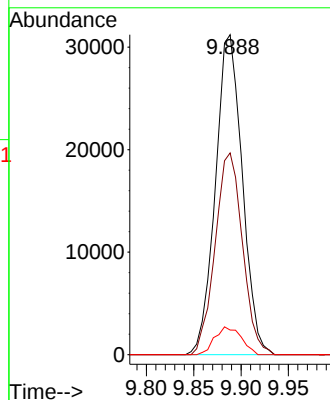
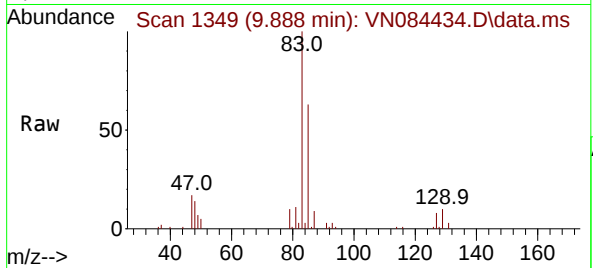




#47  
Bromodichloromethane  
Concen: 20.940 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

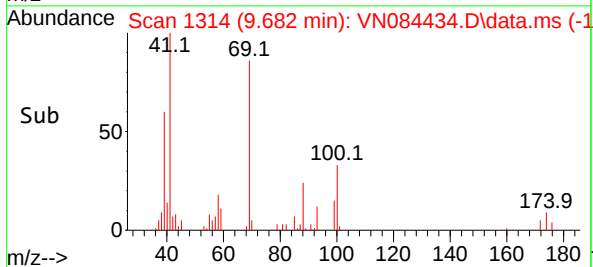
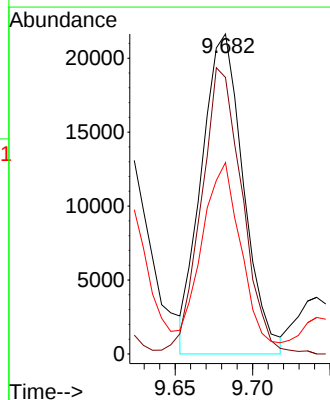
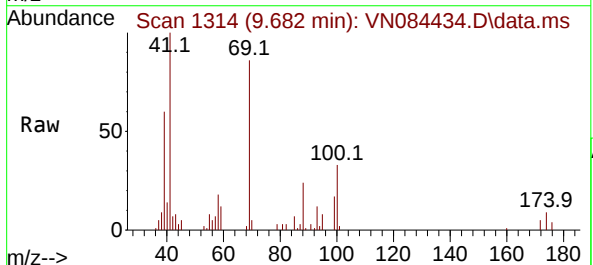
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

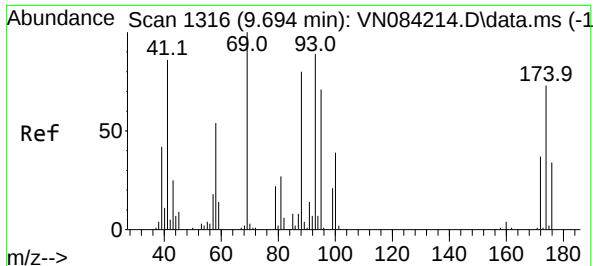
Tgt Ion: 83 Resp: 61715  
Ion Ratio Lower Upper  
83 100  
85 63.1 51.5 77.3  
127 7.7 5.7 8.5



#48  
Methyl methacrylate  
Concen: 19.075 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 41 Resp: 40695  
Ion Ratio Lower Upper  
41 100  
69 87.8 67.1 100.7  
39 58.5 45.8 68.6





#49

1,4-Dioxane

Concen: 415.845 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

VN1021WBSD01

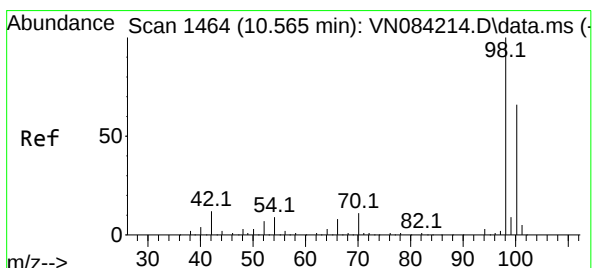
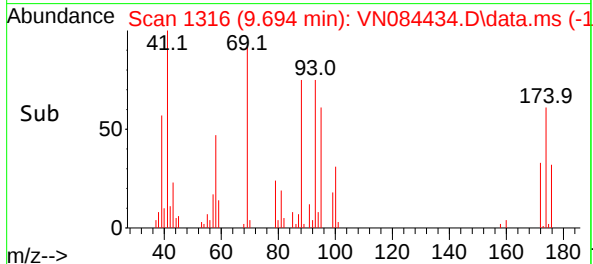
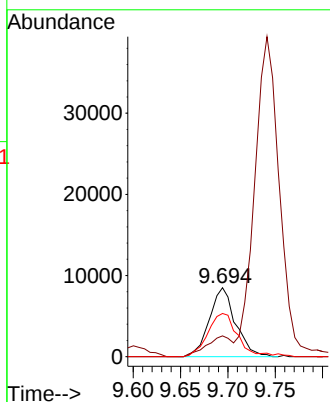
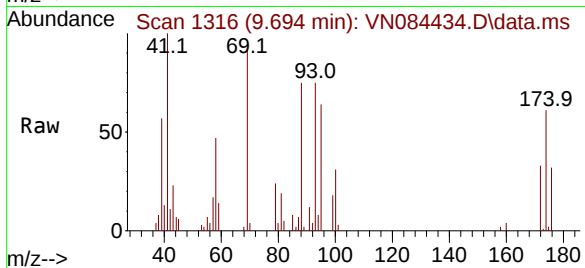
Tgt Ion: 88 Resp: 16333

Ion Ratio Lower Upper

88 100

43 29.5 25.3 37.9

58 72.1 56.4 84.6



#50

Toluene-d8

Concen: 51.812 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084434.D

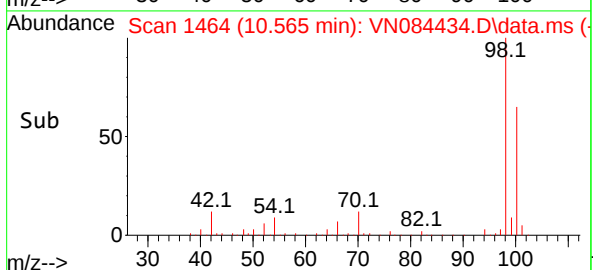
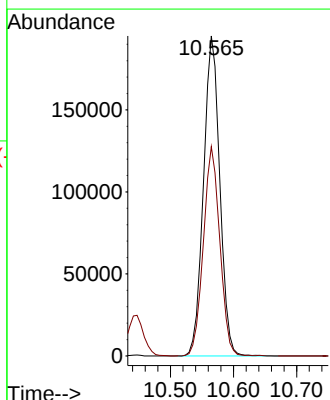
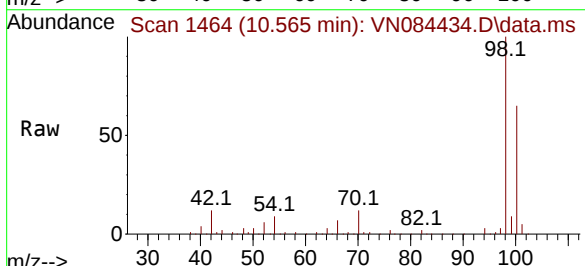
Acq: 21 Oct 2024 14:22

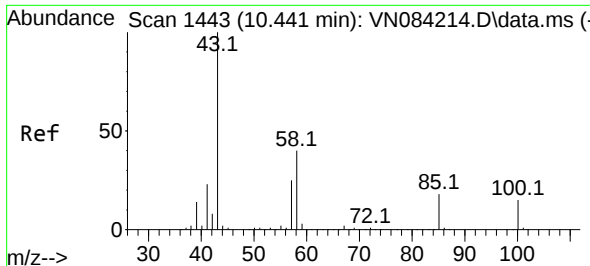
Tgt Ion: 98 Resp: 350013

Ion Ratio Lower Upper

98 100

100 66.0 52.7 79.1

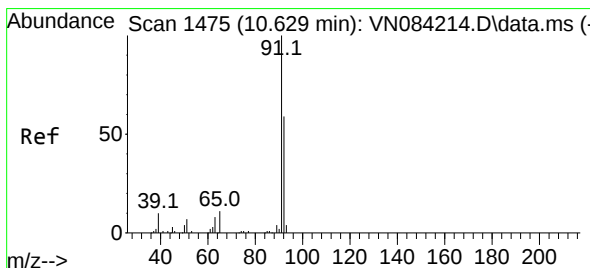
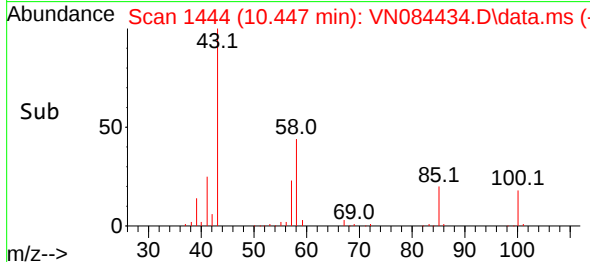
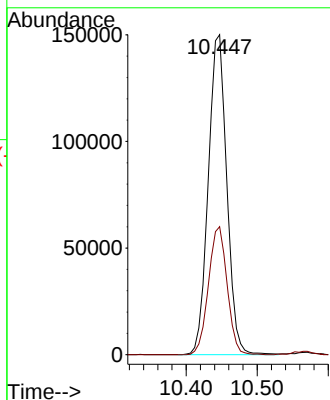
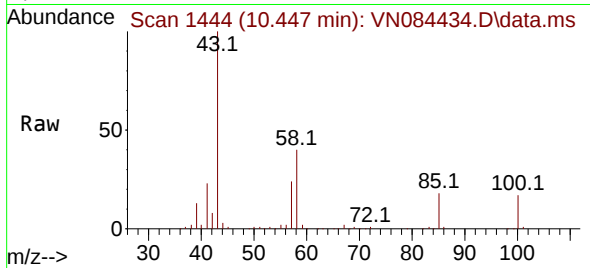




#51  
4-Methyl-2-Pentanone  
Concen: 104.354 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

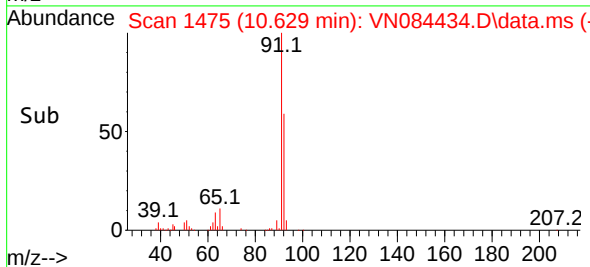
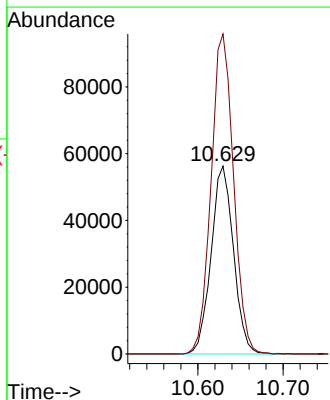
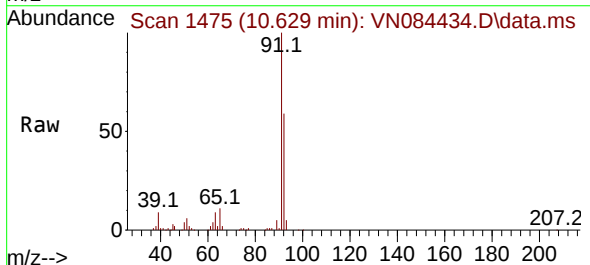
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

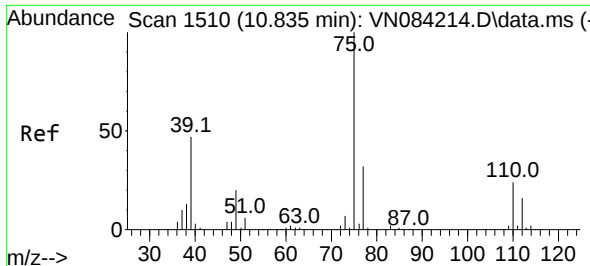
Tgt Ion: 43 Resp: 271816  
Ion Ratio Lower Upper  
43 100  
58 40.2 31.6 47.4



#52  
Toluene  
Concen: 20.289 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 92 Resp: 102809  
Ion Ratio Lower Upper  
92 100  
91 171.1 137.3 205.9

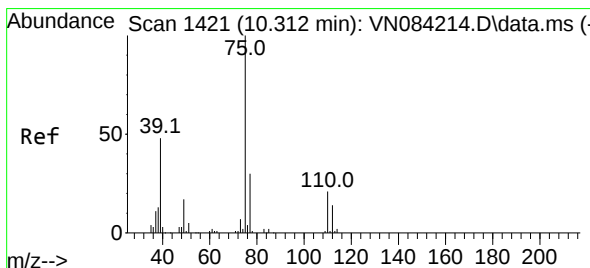
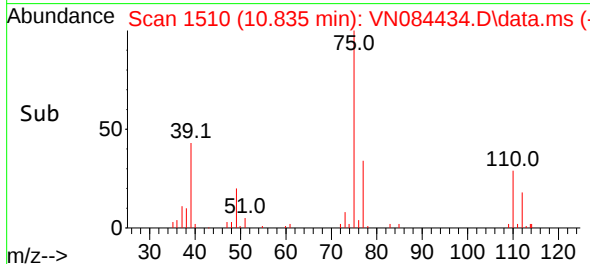
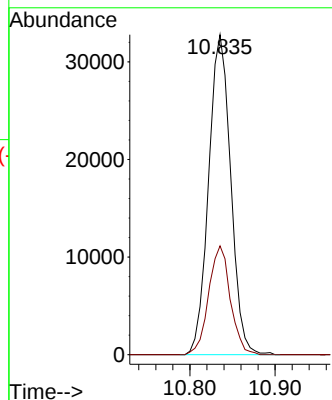
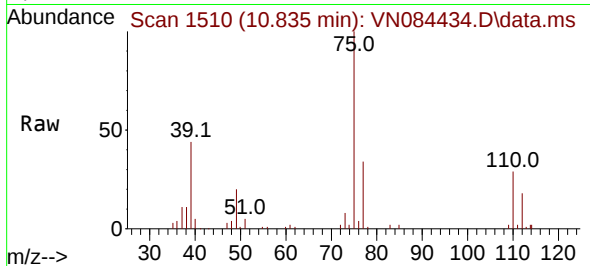




#53  
t-1,3-Dichloropropene  
Concen: 19.701 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

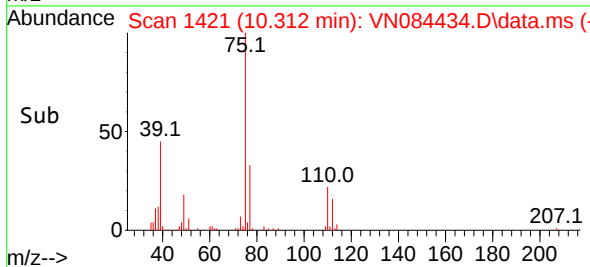
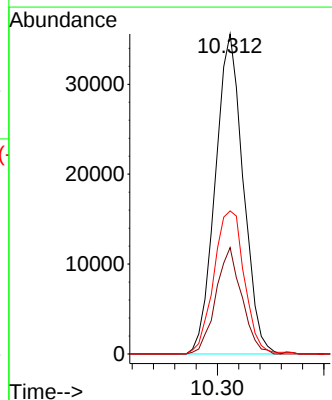
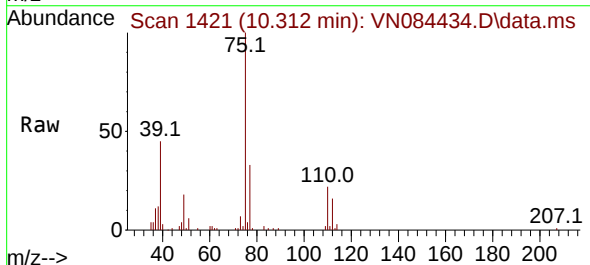
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

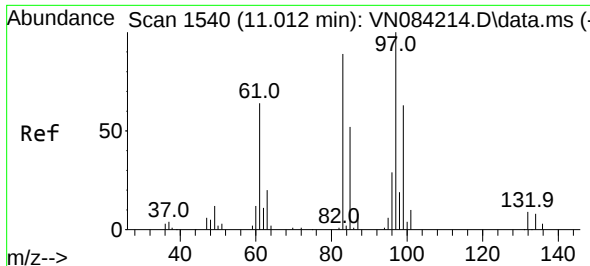
Tgt Ion: 75 Resp: 59188  
Ion Ratio Lower Upper  
75 100  
77 34.0 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 20.003 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 75 Resp: 64640  
Ion Ratio Lower Upper  
75 100  
77 33.2 24.2 36.2  
39 44.7 38.7 58.1

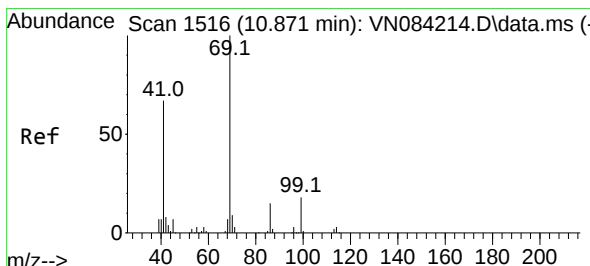
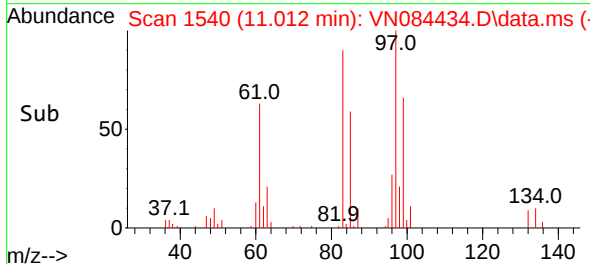
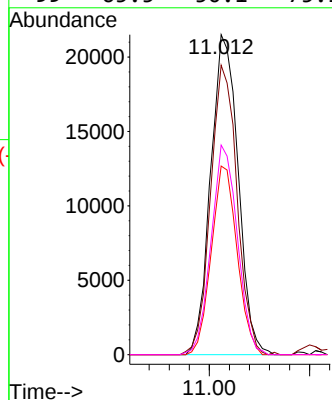
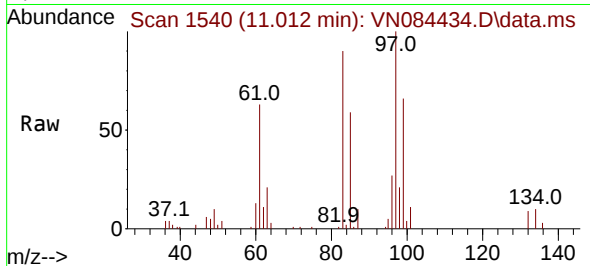




#55  
 1,1,2-Trichloroethane  
 Concen: 22.465 ug/l  
 RT: 11.012 min Scan# 1540  
 Delta R.T. 0.000 min  
 Lab File: VN084434.D  
 Acq: 21 Oct 2024 14:22

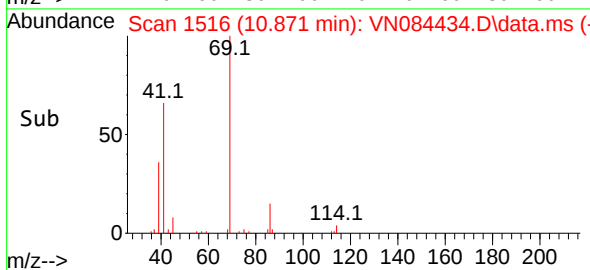
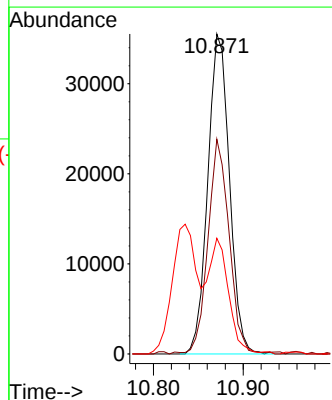
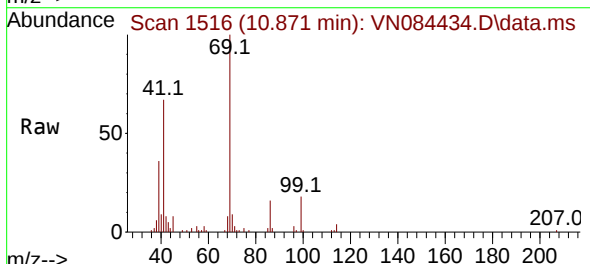
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1021WBSD01

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 40810 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 90.4     | 71.0 106.4  |
| 85 59.0     | 41.7 62.5   |
| 99 65.5     | 50.1 75.1   |



#56  
 Ethyl methacrylate  
 Concen: 19.919 ug/l  
 RT: 10.871 min Scan# 1516  
 Delta R.T. 0.000 min  
 Lab File: VN084434.D  
 Acq: 21 Oct 2024 14:22

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 59539 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 65.6     | 53.3 79.9   |
| 39 34.7     | 28.8 43.2   |





#57

1,3-Dichloropropane

Concen: 21.236 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

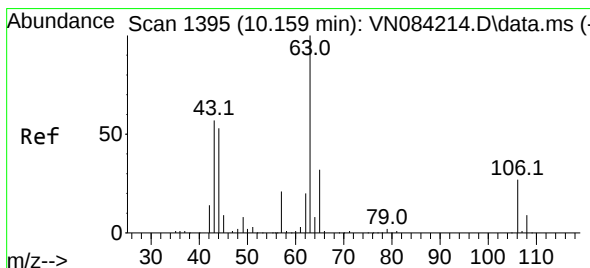
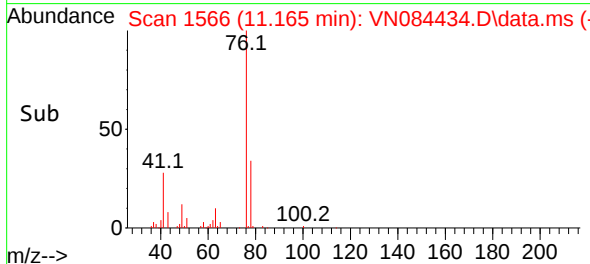
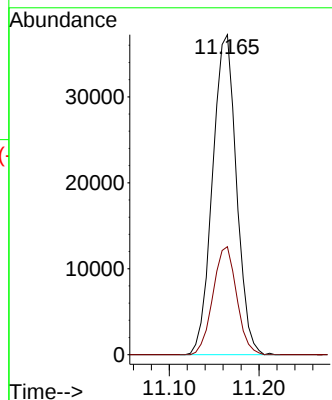
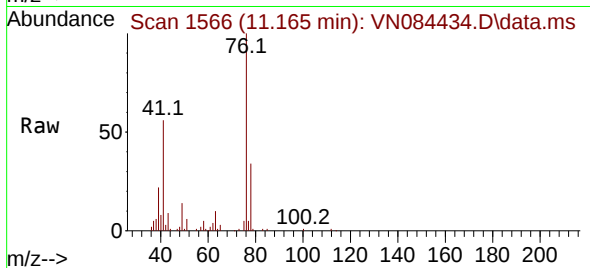
VN1021WBSD01

Tgt Ion: 76 Resp: 68931

Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.191 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084434.D

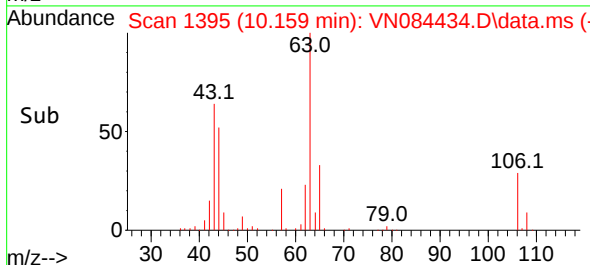
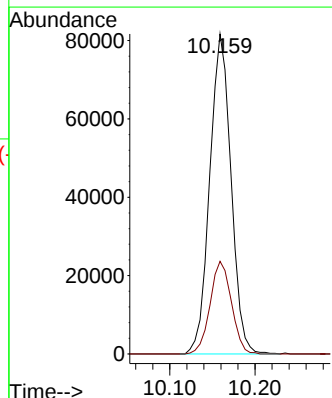
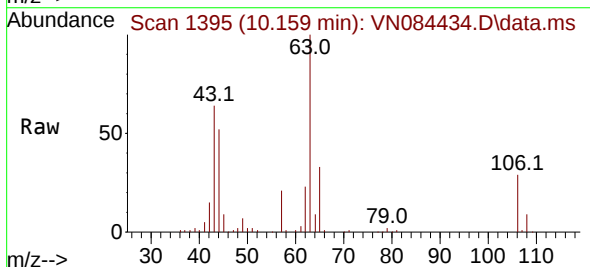
Acq: 21 Oct 2024 14:22

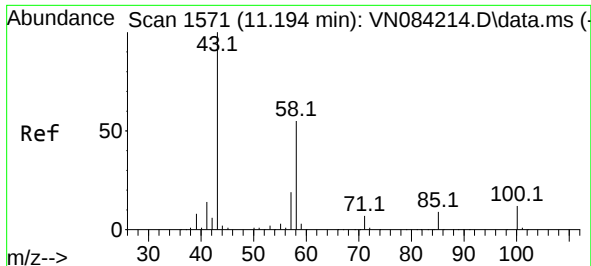
Tgt Ion: 63 Resp: 141699

Ion Ratio Lower Upper

63 100

106 29.0 21.8 32.6

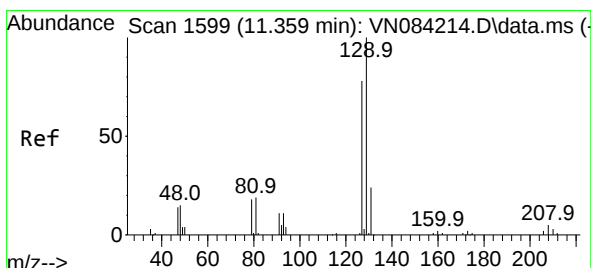
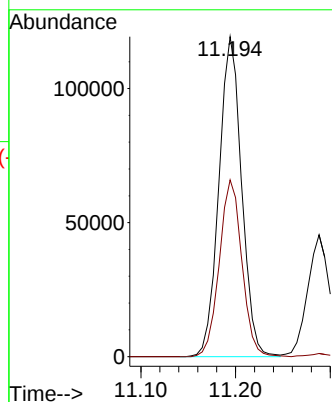
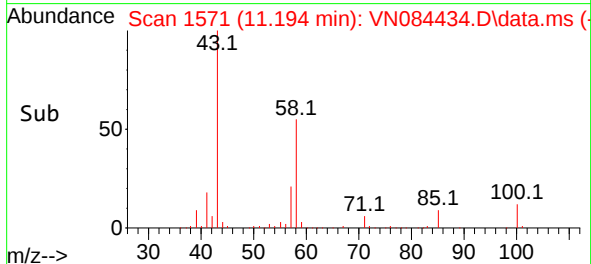
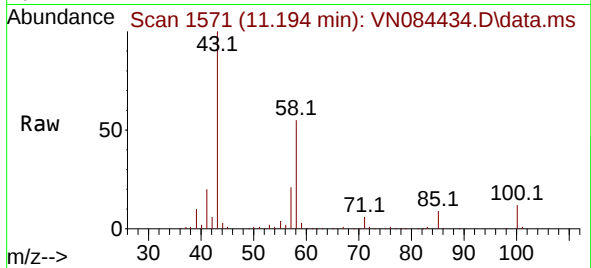




#59  
2-Hexanone  
Concen: 102.176 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

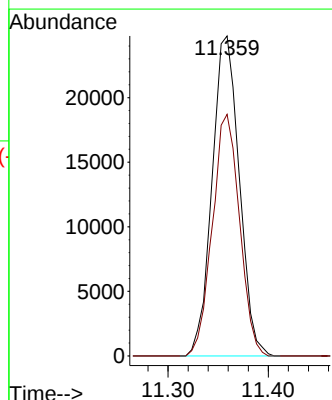
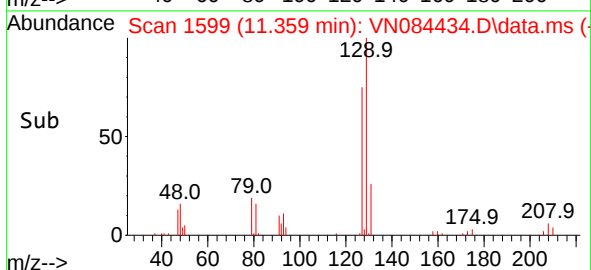
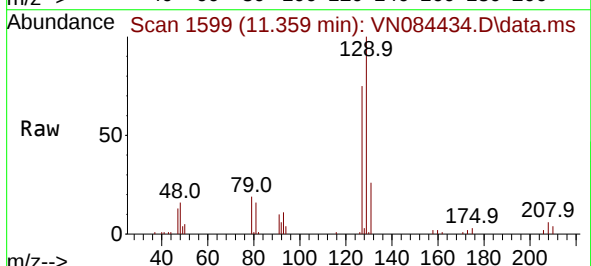
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

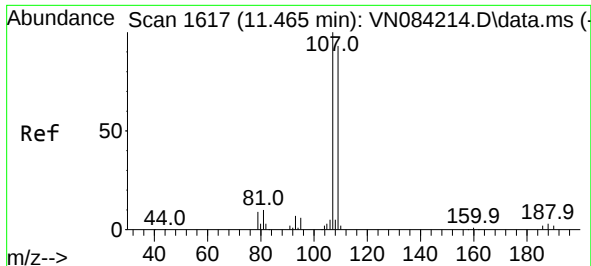
Tgt Ion: 43 Resp: 198917  
Ion Ratio Lower Upper  
43 100  
58 54.9 27.3 81.8



#60  
Dibromochloromethane  
Concen: 21.769 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 129 Resp: 46724  
Ion Ratio Lower Upper  
129 100  
127 75.3 38.3 114.9

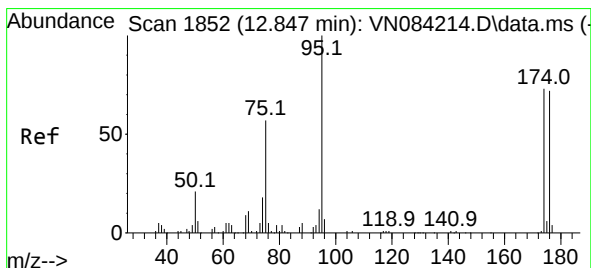
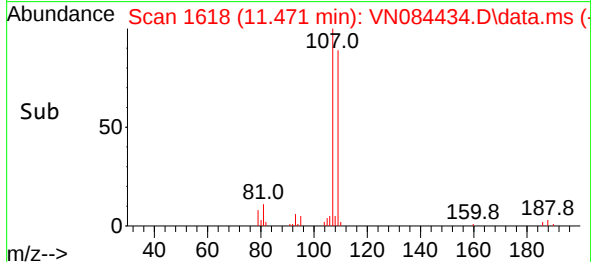
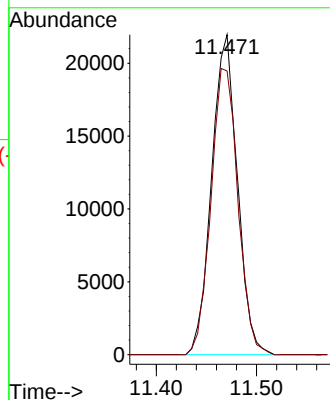
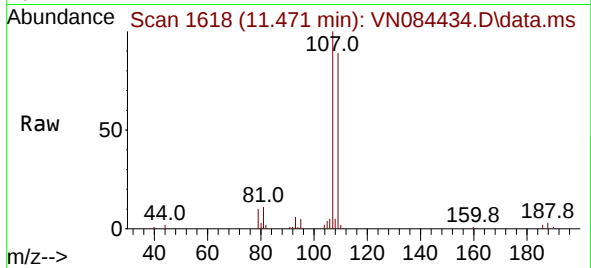




#61  
1,2-Dibromoethane  
Concen: 20.741 ug/l  
RT: 11.471 min Scan# 1617  
Delta R.T. 0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

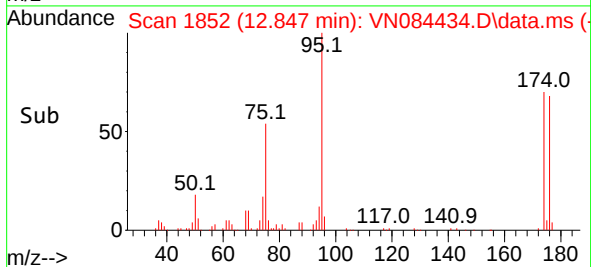
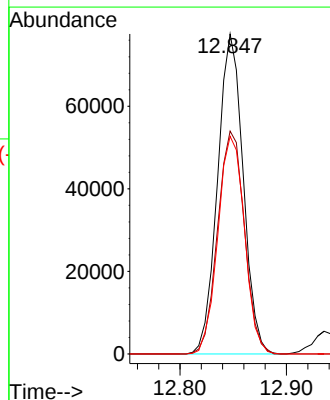
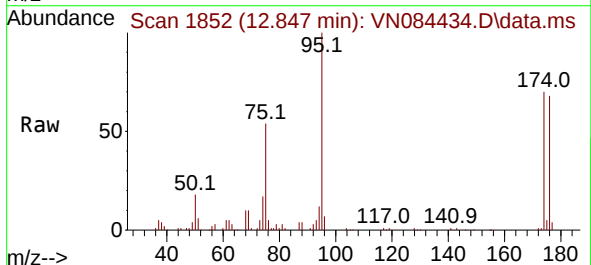
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

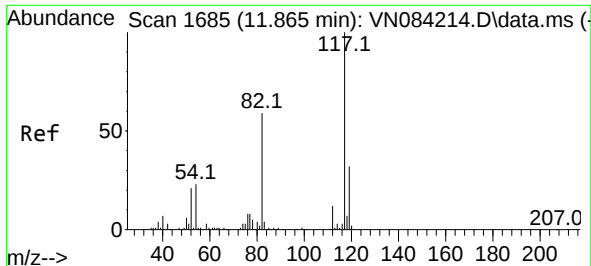
Tgt Ion:107 Resp: 39150  
Ion Ratio Lower Upper  
107 100  
109 93.8 75.4 113.0



#62  
4-Bromofluorobenzene  
Concen: 52.449 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 95 Resp: 129081  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 145.2  
176 70.7 0.0 140.0

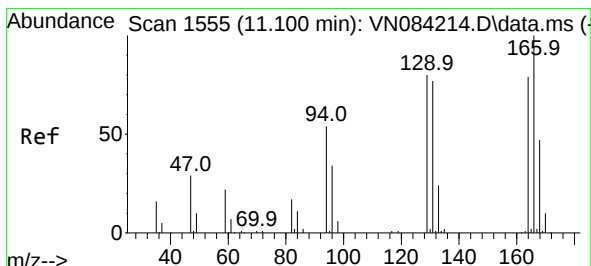
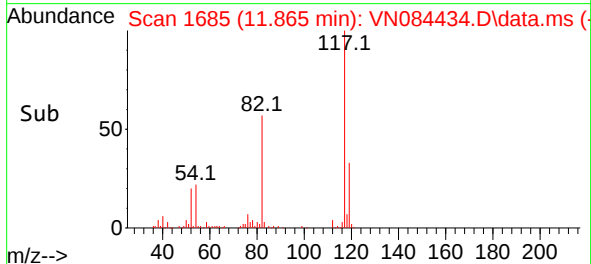
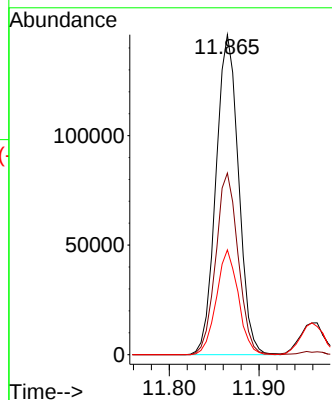
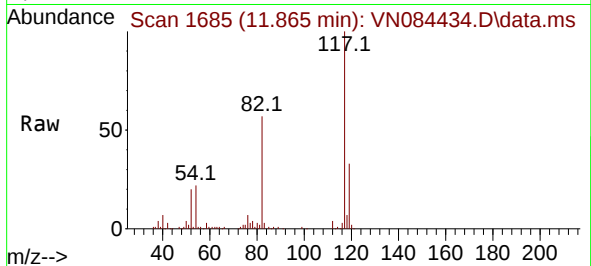




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

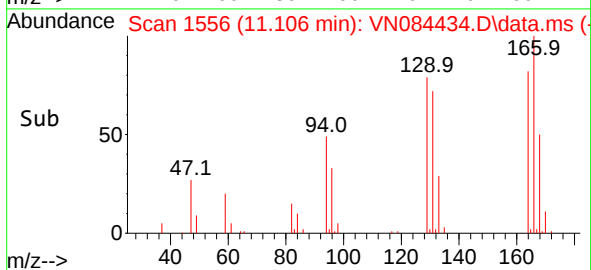
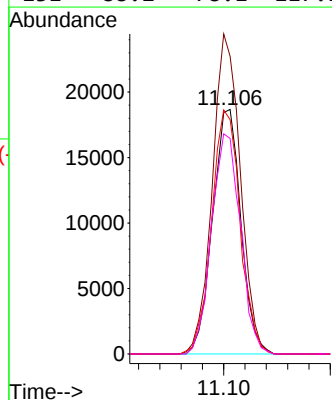
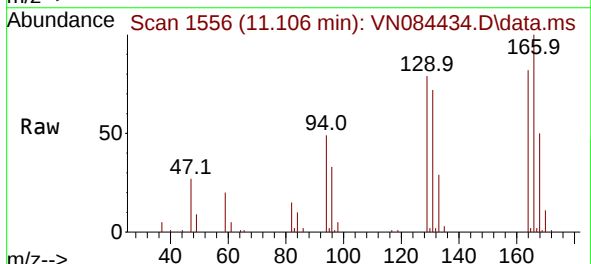
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

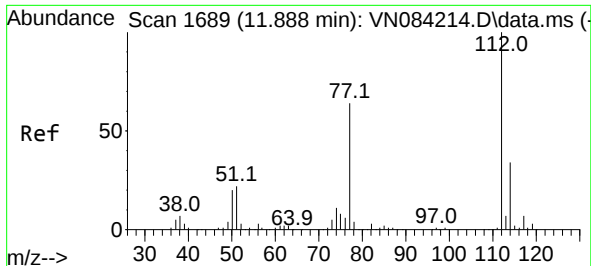
Tgt Ion:117 Resp: 255670  
Ion Ratio Lower Upper  
117 100  
82 56.8 47.2 70.8  
119 32.7 25.4 38.0



#64  
Tetrachloroethene  
Concen: 19.288 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion:164 Resp: 34348  
Ion Ratio Lower Upper  
164 100  
166 121.7 101.0 151.4  
129 95.8 80.8 121.2  
131 88.2 78.1 117.1

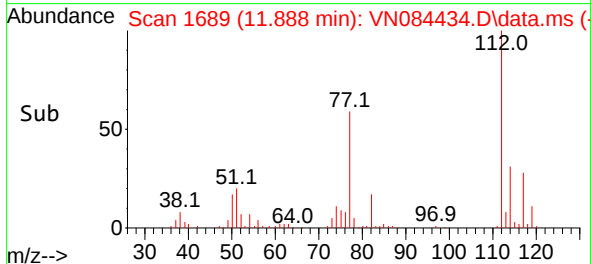
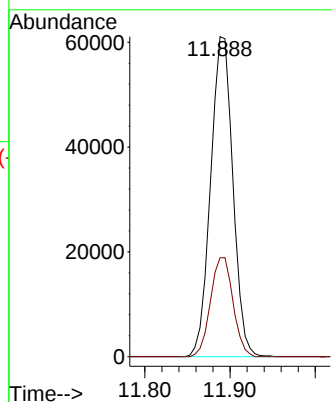
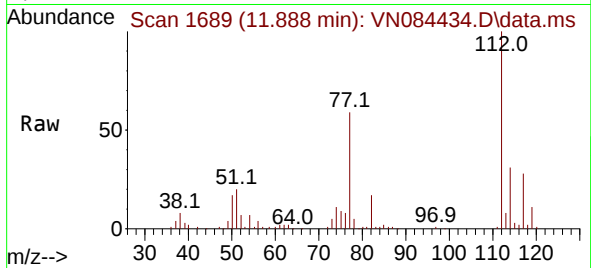




#65  
Chlorobenzene  
Concen: 19.535 ug/l  
RT: 11.888 min Scan# 1107  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

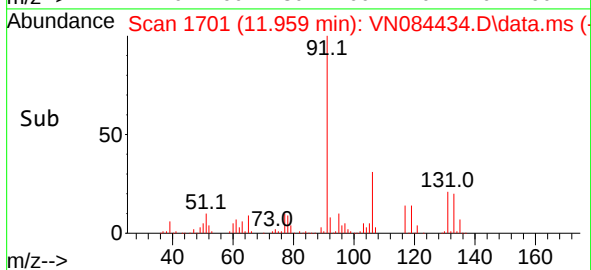
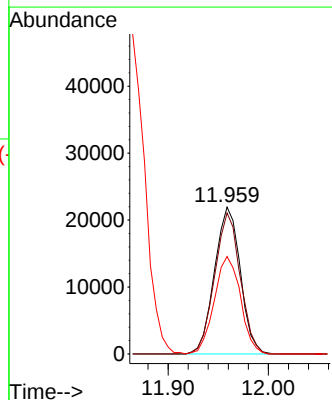
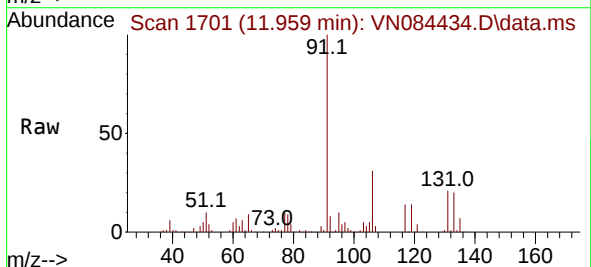
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

Tgt Ion:112 Resp: 110738  
Ion Ratio Lower Upper  
112 100  
114 30.9 27.0 40.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.071 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion:131 Resp: 39189  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.9 143.7  
119 67.4 32.8 98.3

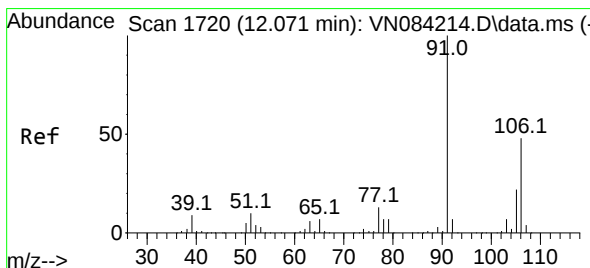
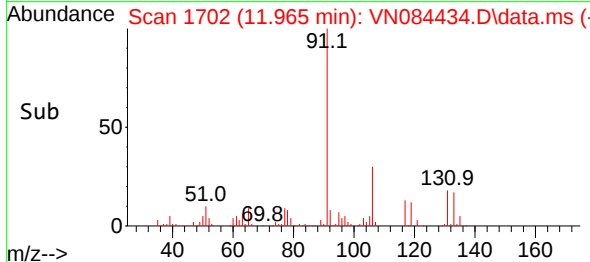
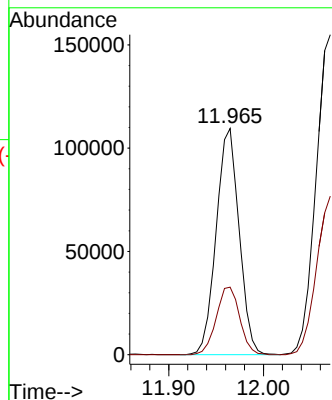
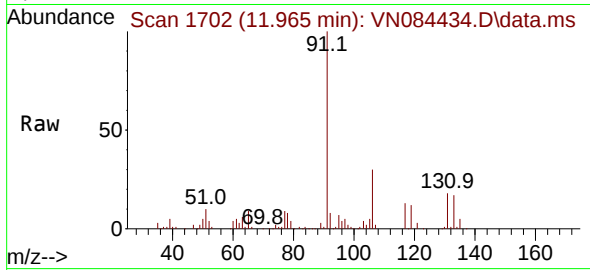




#67  
Ethyl Benzene  
Concen: 18.360 ug/l  
RT: 11.965 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

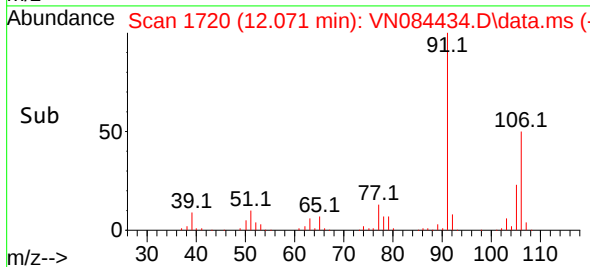
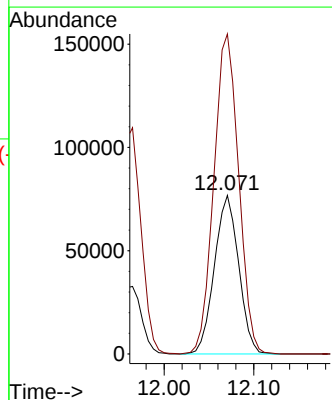
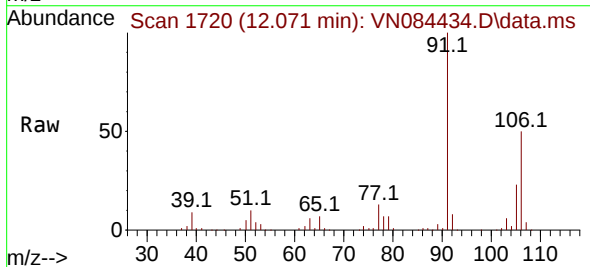
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

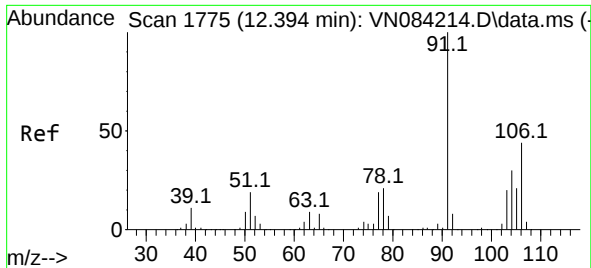
Tgt Ion: 91 Resp: 184057  
Ion Ratio Lower Upper  
91 100  
106 29.9 24.5 36.7



#68  
m/p-Xylenes  
Concen: 38.843 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion:106 Resp: 144045  
Ion Ratio Lower Upper  
106 100  
91 206.2 167.1 250.7

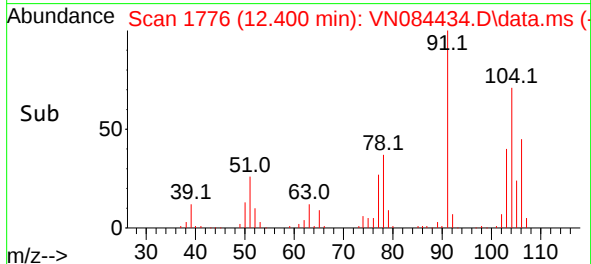
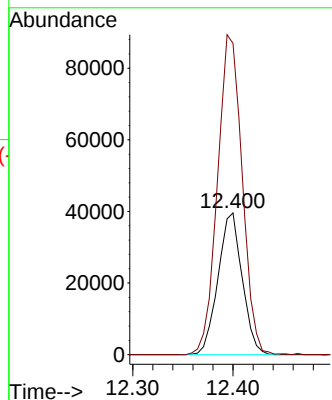
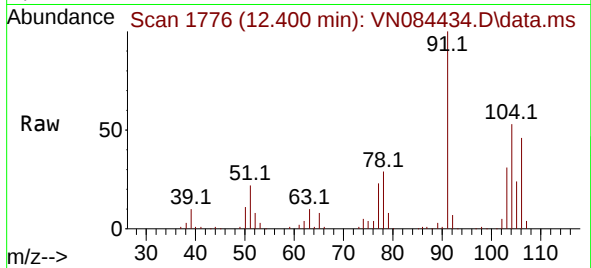




#69  
o-Xylene  
Concen: 18.841 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

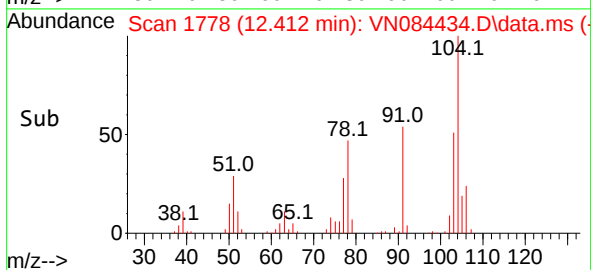
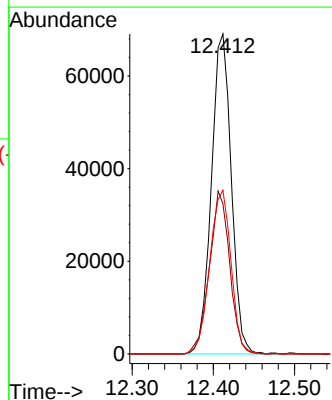
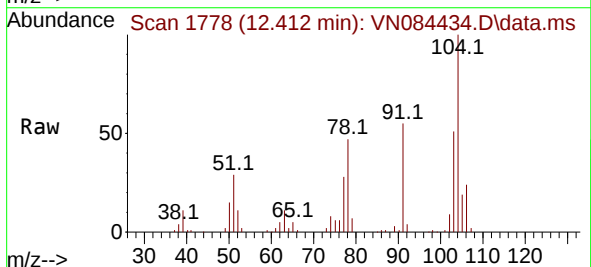
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

Tgt Ion:106 Resp: 66105  
Ion Ratio Lower Upper  
106 100  
91 230.9 110.2 330.6



#70  
Styrene  
Concen: 19.814 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion:104 Resp: 117753  
Ion Ratio Lower Upper  
104 100  
78 51.9 42.7 64.1  
103 54.6 43.6 65.4





#71

Bromoform

Concen: 20.747 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

VN1021WBSD01

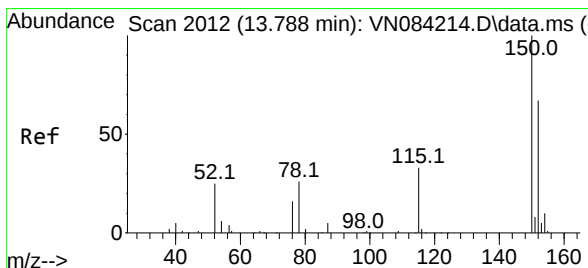
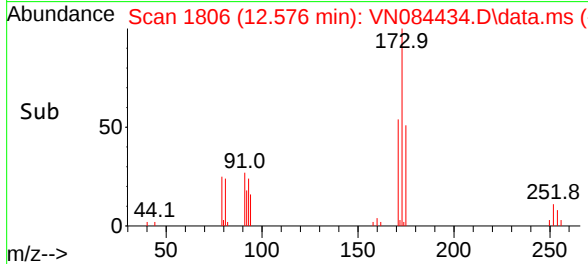
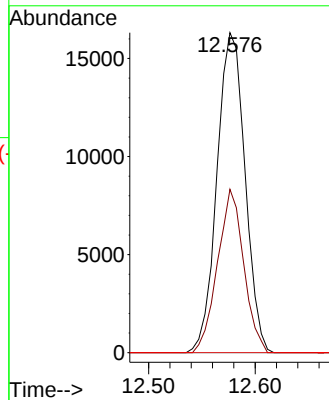
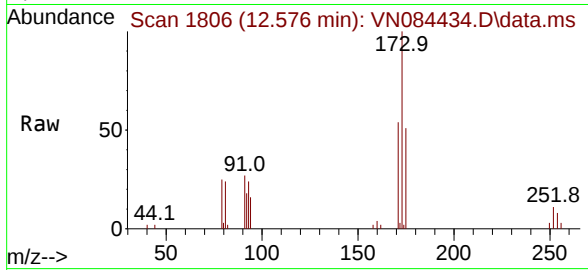
Tgt Ion:173 Resp: 29825

Ion Ratio Lower Upper

173 100

175 47.7 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: VN084434.D

Acq: 21 Oct 2024 14:22

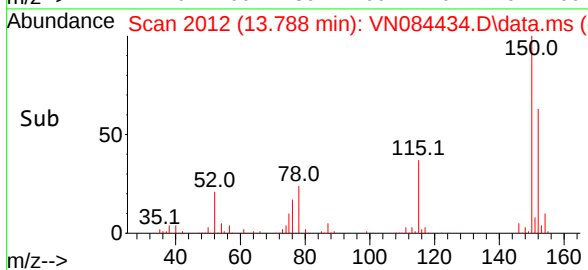
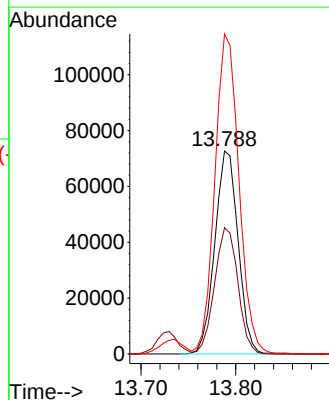
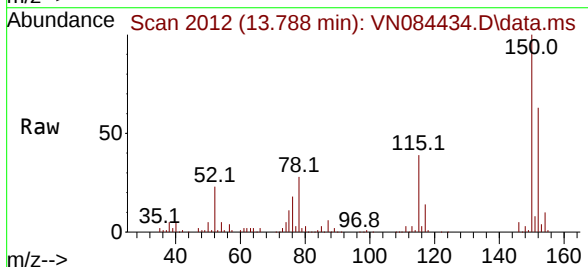
Tgt Ion:152 Resp: 124118

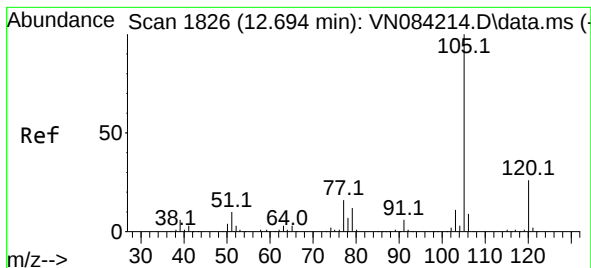
Ion Ratio Lower Upper

152 100

115 62.4 31.3 93.9

150 163.2 0.0 349.8





#73

Isopropylbenzene

Concen: 18.352 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

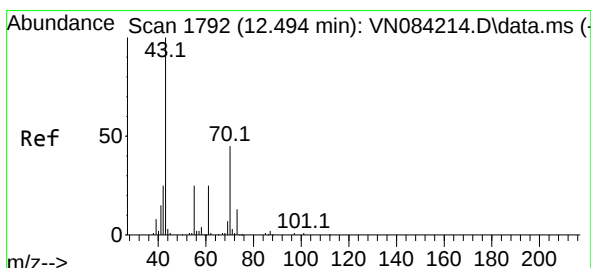
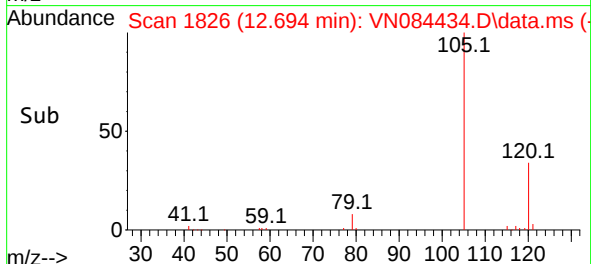
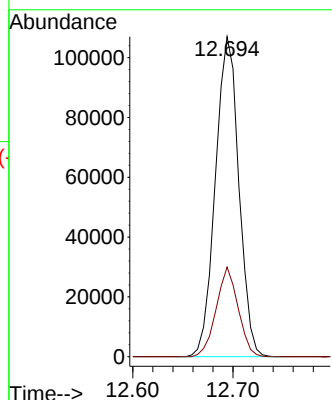
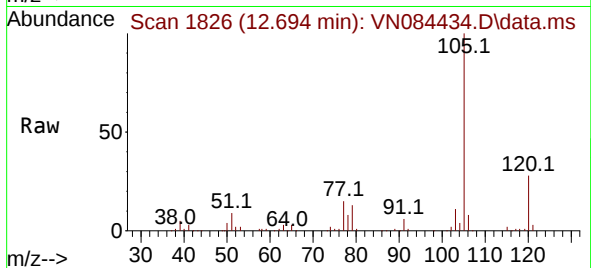
VN1021WBSD01

Tgt Ion:105 Resp: 173820

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



#74

N-ethyl acetate

Concen: 17.252 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Tgt Ion: 43 Resp: 73994

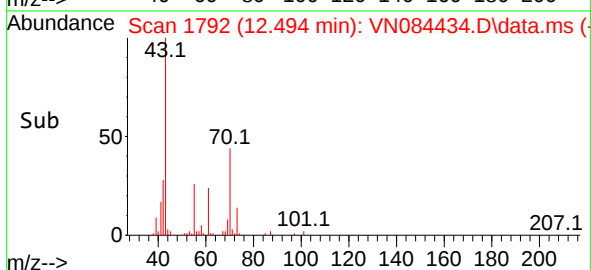
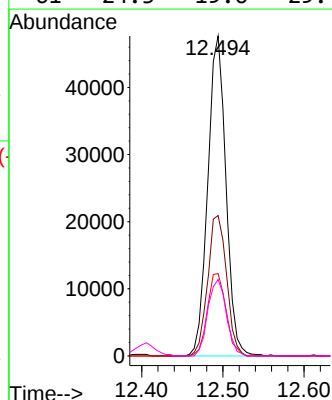
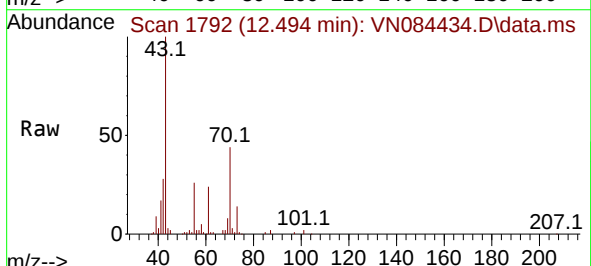
Ion Ratio Lower Upper

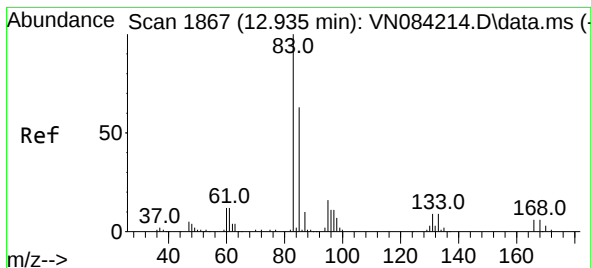
43 100

70 45.7 34.4 51.6

55 26.6 19.6 29.4

61 24.3 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.627 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

VN1021WBSD01

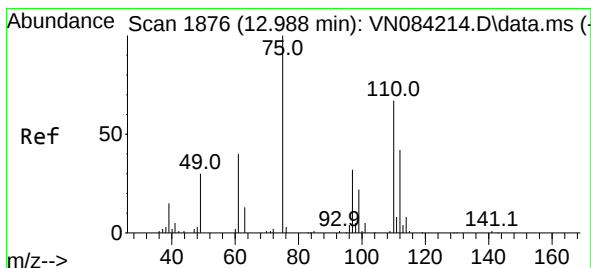
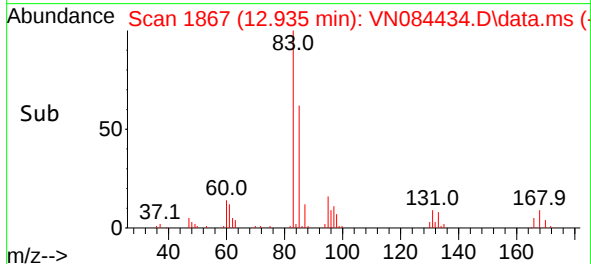
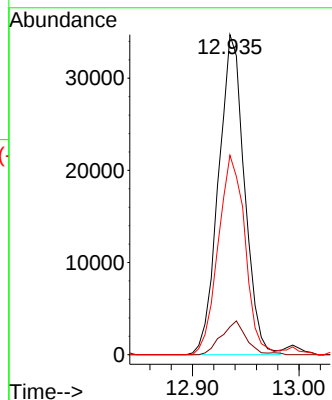
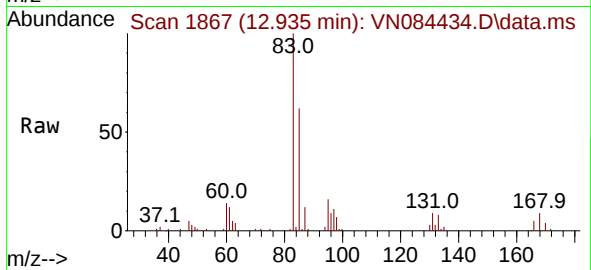
Tgt Ion: 83 Resp: 58745

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

85 64.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 29.593 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN084434.D

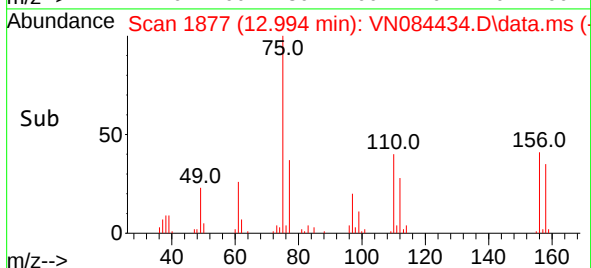
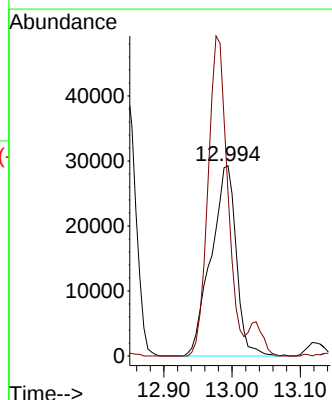
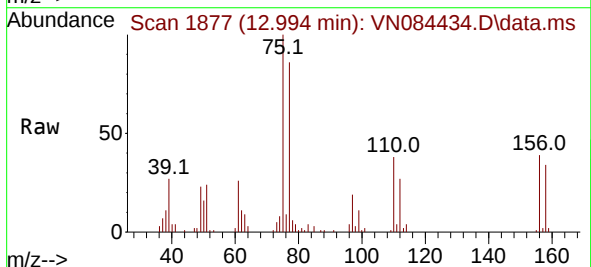
Acq: 21 Oct 2024 14:22

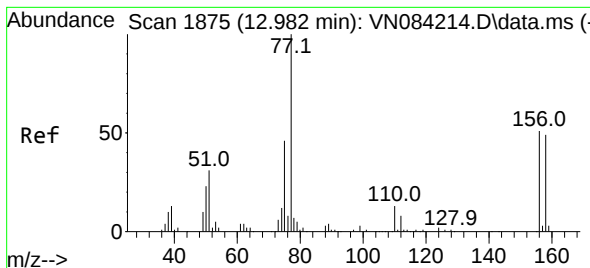
Tgt Ion: 75 Resp: 74985

Ion Ratio Lower Upper

75 100

77 131.1 96.9 290.7





#77

Bromobenzene

Concen: 19.574 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

VN1021WBSD01

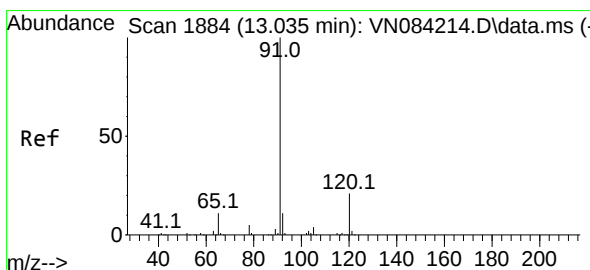
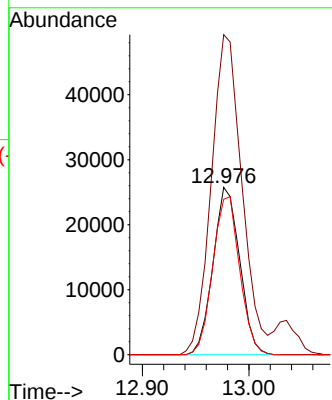
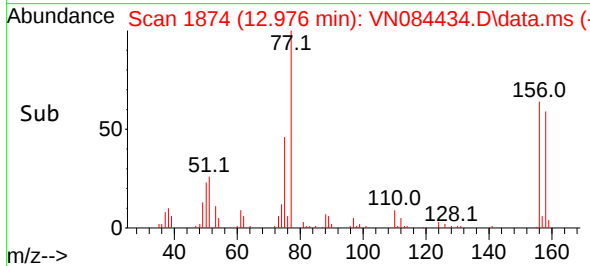
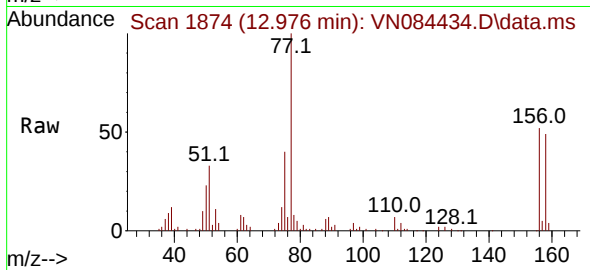
Tgt Ion:156 Resp: 44718

Ion Ratio Lower Upper

156 100

77 219.8 115.1 345.3

158 95.3 48.9 146.8



#78

n-propylbenzene

Concen: 19.226 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084434.D

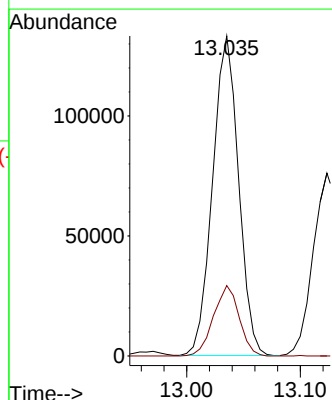
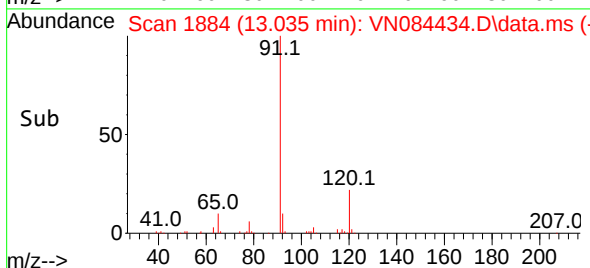
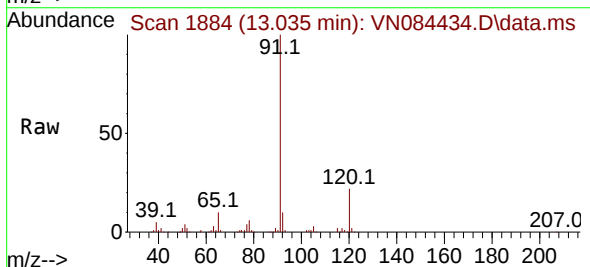
Acq: 21 Oct 2024 14:22

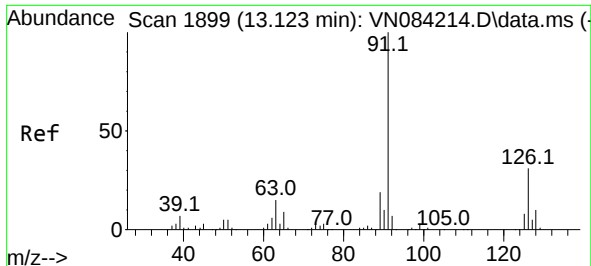
Tgt Ion: 91 Resp: 210981

Ion Ratio Lower Upper

91 100

120 21.7 10.8 32.4

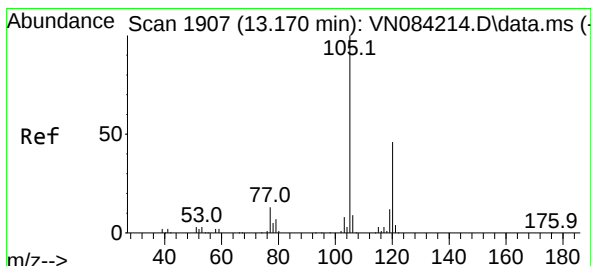
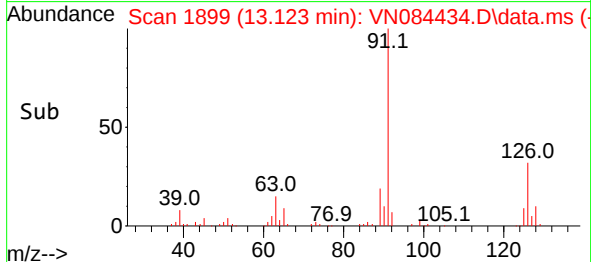
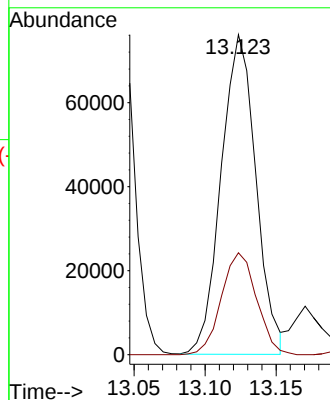
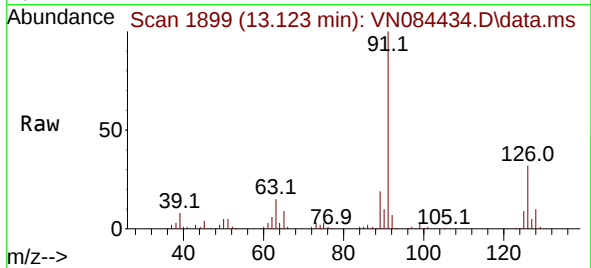




#79  
2-Chlorotoluene  
Concen: 18.511 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

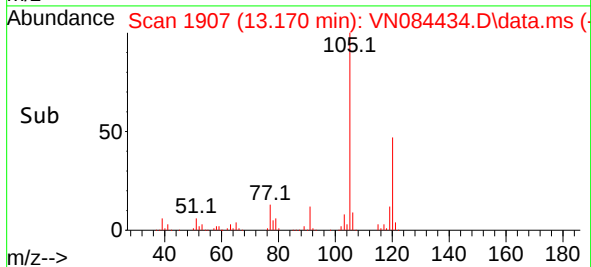
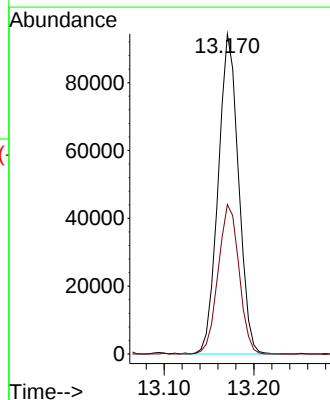
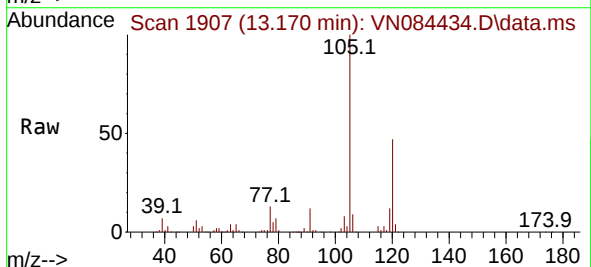
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

Tgt Ion: 91 Resp: 129620  
Ion Ratio Lower Upper  
91 100  
126 32.2 15.7 47.1



#80  
1,3,5-Trimethylbenzene  
Concen: 19.217 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 105 Resp: 148466  
Ion Ratio Lower Upper  
105 100  
120 47.9 23.7 71.1

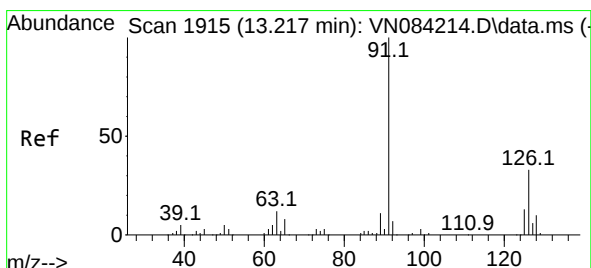
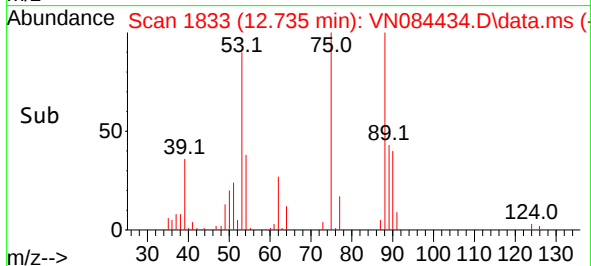
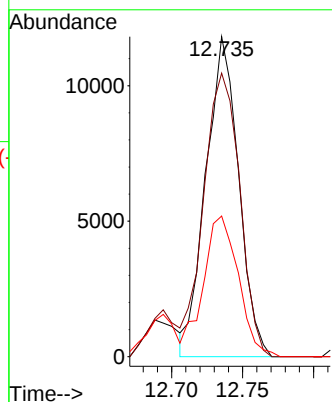
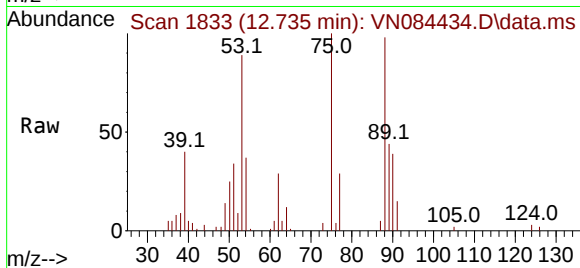




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.919 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

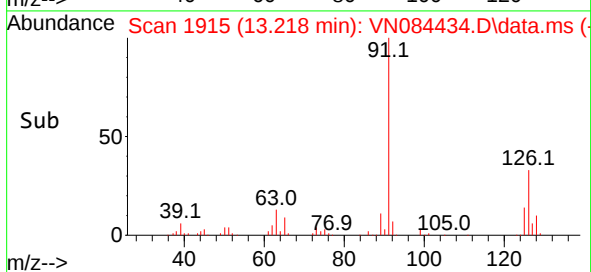
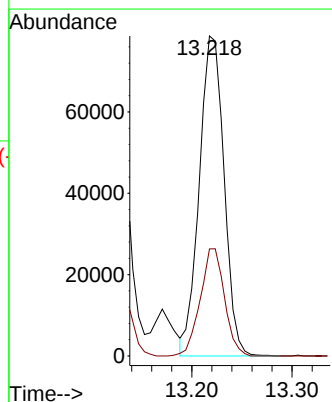
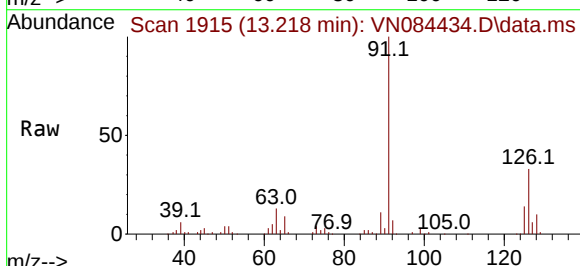
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

Tgt Ion: 75 Resp: 18939  
Ion Ratio Lower Upper  
75 100  
53 97.4 78.0 117.0  
89 47.3 35.5 53.3



#82  
4-Chlorotoluene  
Concen: 19.198 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion: 91 Resp: 135329  
Ion Ratio Lower Upper  
91 100  
126 32.9 15.7 47.1

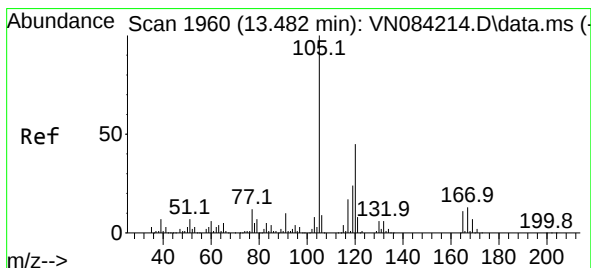
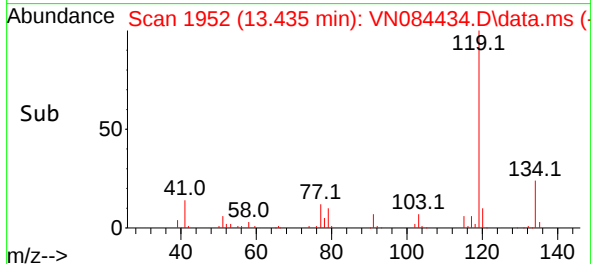
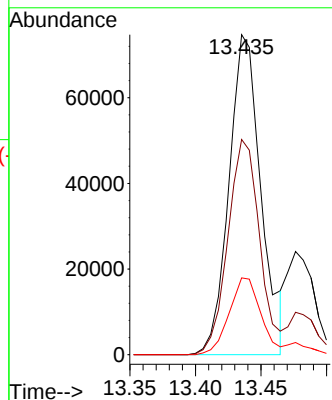
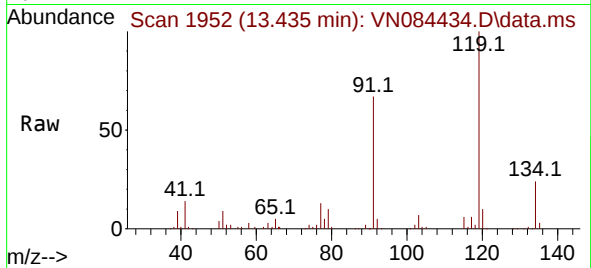




#83  
tert-Butylbenzene  
Concen: 18.464 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

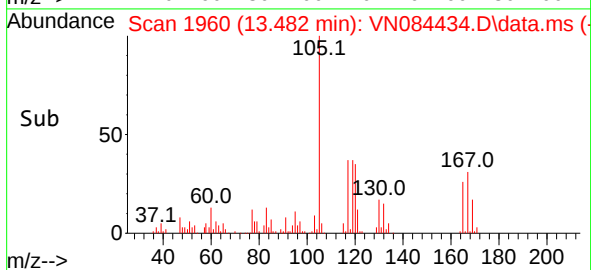
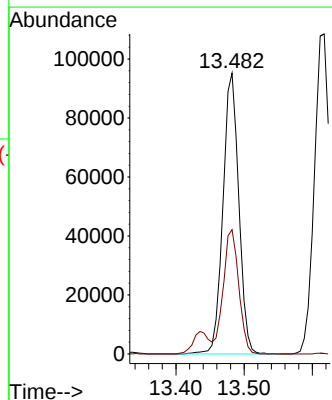
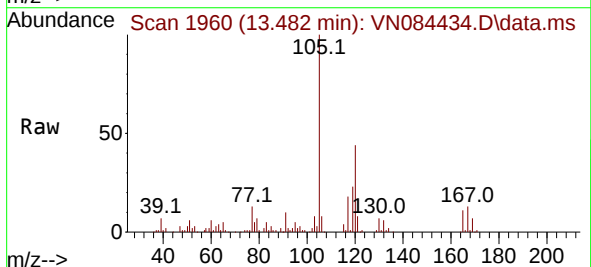
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1021WBSD01

Tgt Ion:119 Resp: 126785  
Ion Ratio Lower Upper  
119 100  
91 66.9 34.1 102.3  
134 23.7 12.8 38.4



#84  
1,2,4-Trimethylbenzene  
Concen: 19.745 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN084434.D  
Acq: 21 Oct 2024 14:22

Tgt Ion:105 Resp: 153677  
Ion Ratio Lower Upper  
105 100  
120 43.5 22.3 66.8

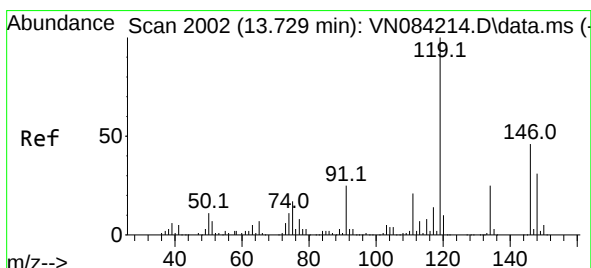
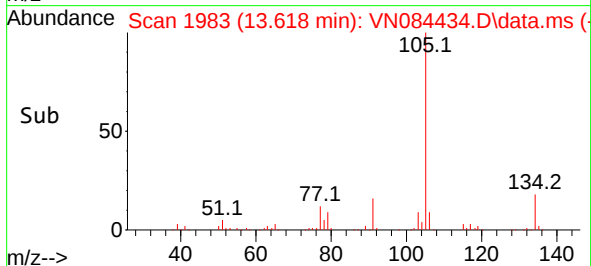
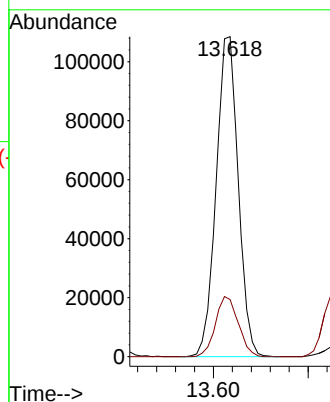
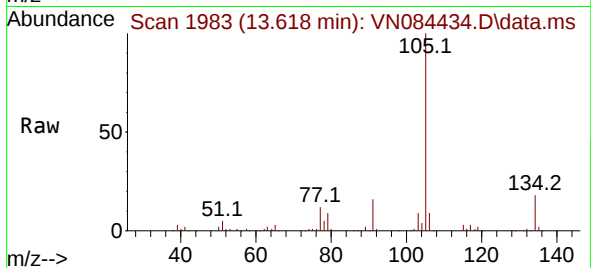




#85  
 sec-Butylbenzene  
 Concen: 19.162 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VN084434.D  
 Acq: 21 Oct 2024 14:22

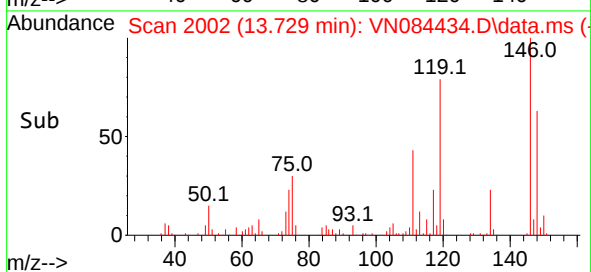
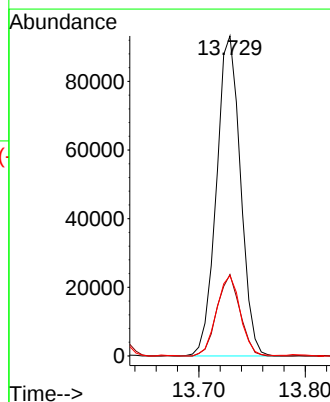
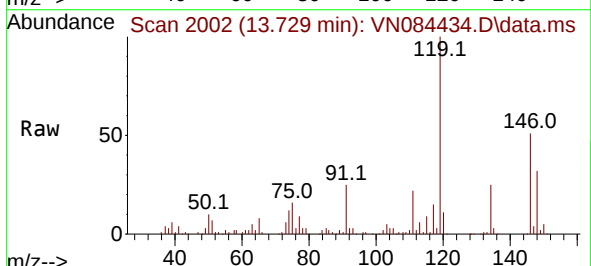
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1021WBSD01

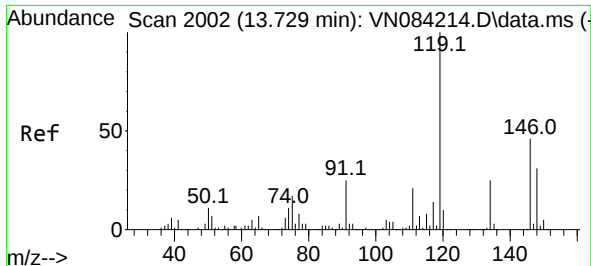
Tgt Ion:105 Resp: 175585  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 19.220 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN084434.D  
 Acq: 21 Oct 2024 14:22

Tgt Ion:119 Resp: 145633  
 Ion Ratio Lower Upper  
 119 100  
 134 24.5 12.6 37.8  
 91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.262 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

VN1021WBSD01

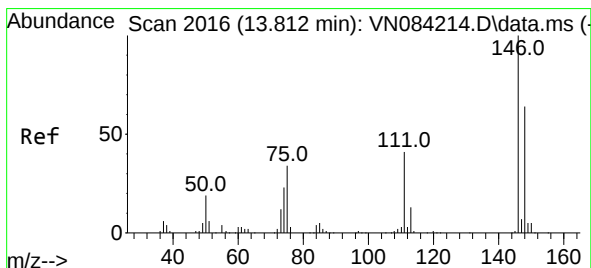
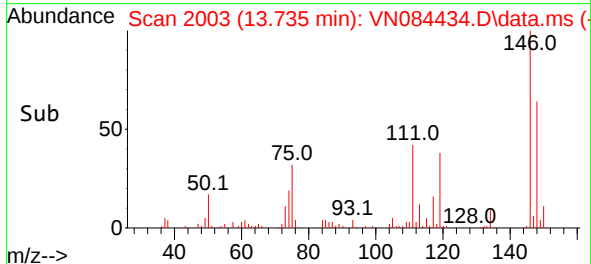
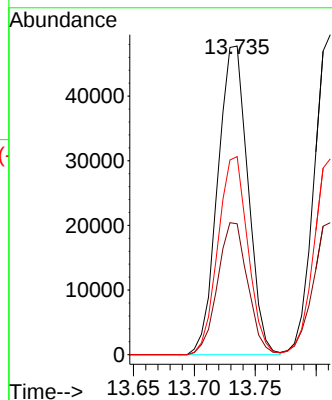
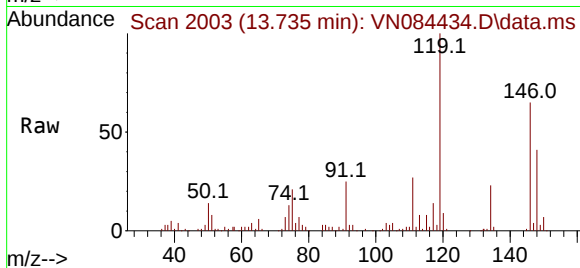
Tgt Ion:146 Resp: 82553

Ion Ratio Lower Upper

146 100

111 42.5 21.8 65.3

148 63.4 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.359 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

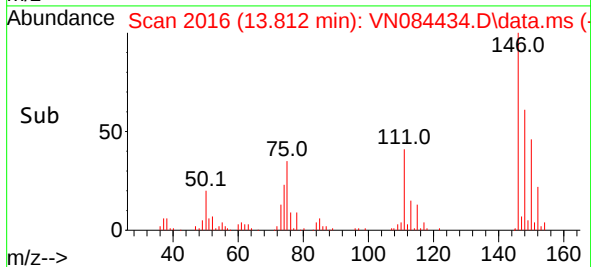
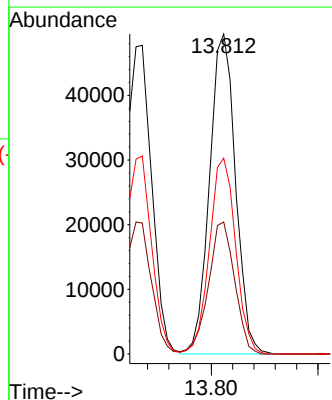
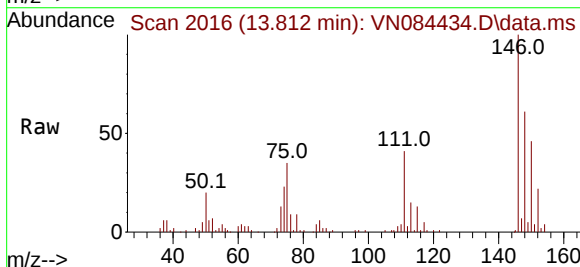
Tgt Ion:146 Resp: 83788

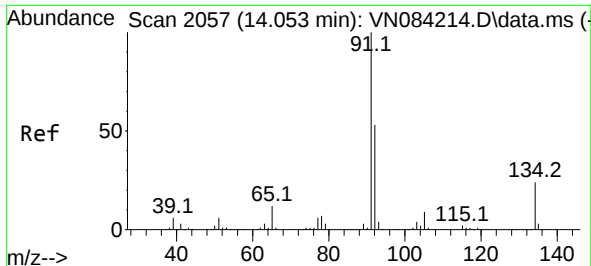
Ion Ratio Lower Upper

146 100

111 41.6 21.2 63.6

148 61.8 31.9 95.9





#89

n-Butylbenzene

Concen: 17.758 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

VN1021WBSD01

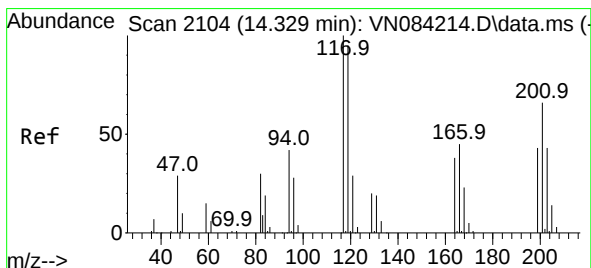
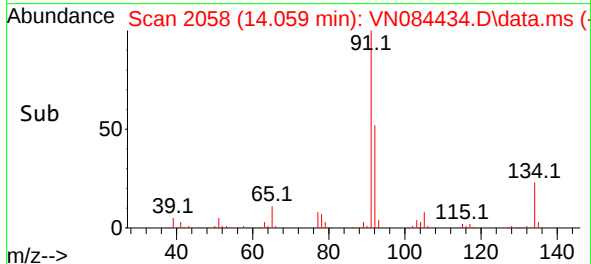
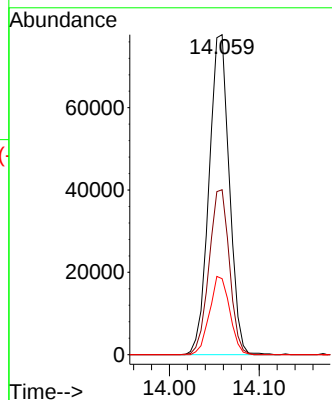
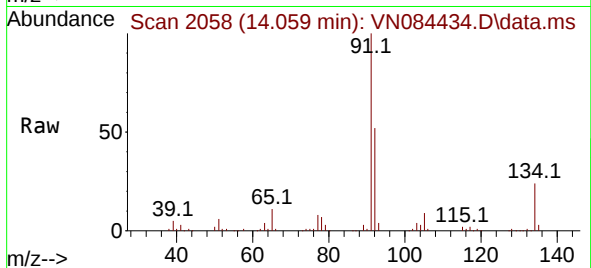
Tgt Ion: 91 Resp: 122012

Ion Ratio Lower Upper

91 100

92 51.8 26.6 79.7

134 24.3 12.3 36.9



#90

Hexachloroethane

Concen: 17.982 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN084434.D

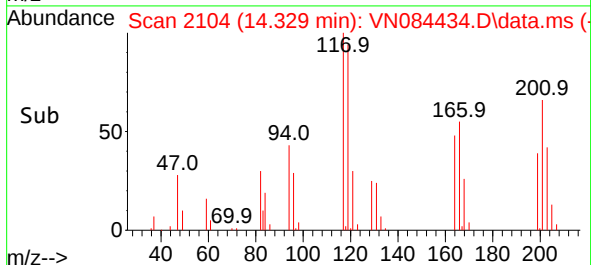
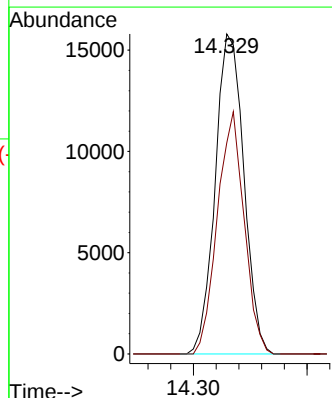
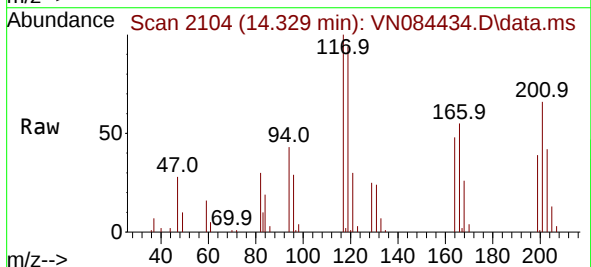
Acq: 21 Oct 2024 14:22

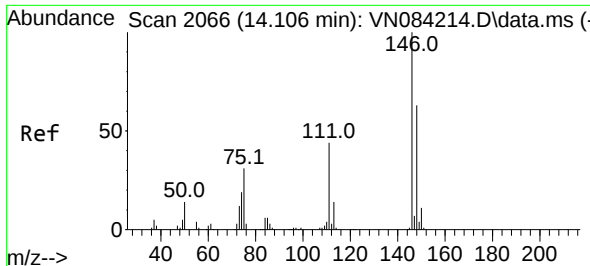
Tgt Ion: 117 Resp: 27657

Ion Ratio Lower Upper

117 100

201 70.8 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 18.770 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

VN1021WBSD01

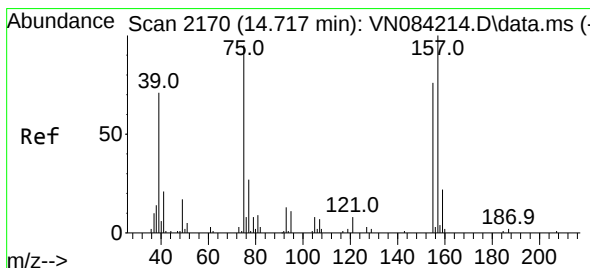
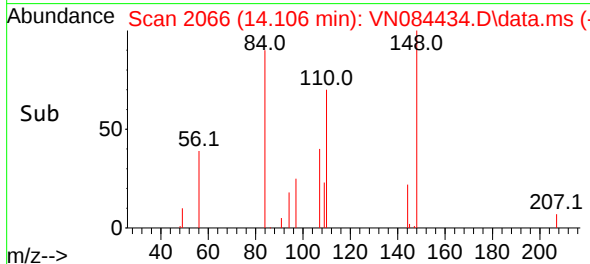
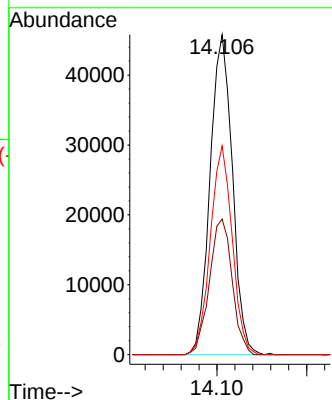
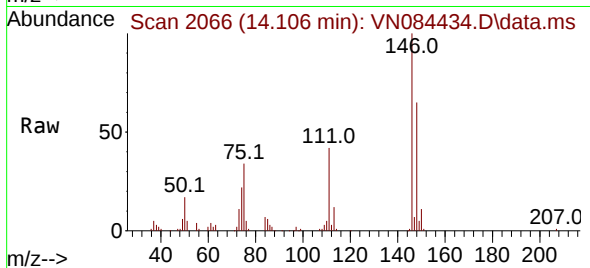
Tgt Ion:146 Resp: 78881

Ion Ratio Lower Upper

146 100

111 43.2 22.0 66.0

148 64.1 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.515 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

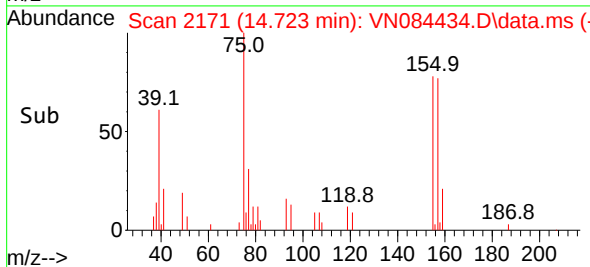
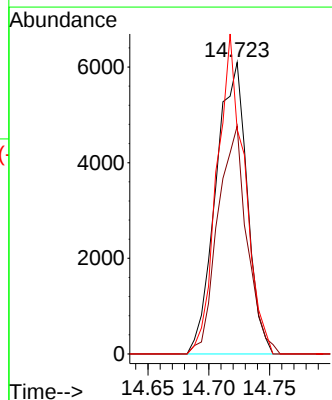
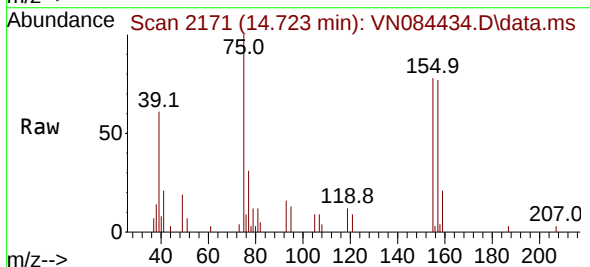
Tgt Ion: 75 Resp: 10881

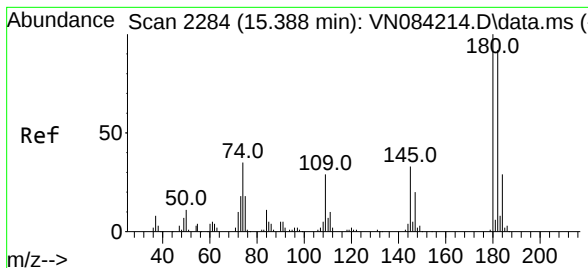
Ion Ratio Lower Upper

75 100

155 73.3 38.1 114.5

157 96.3 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 18.655 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

VN1021WBSD01

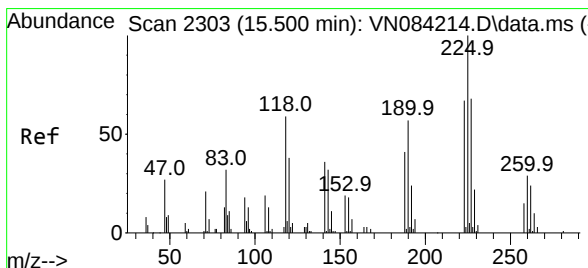
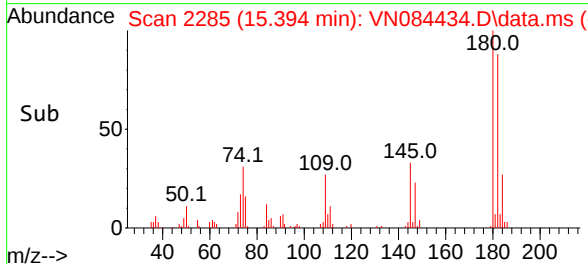
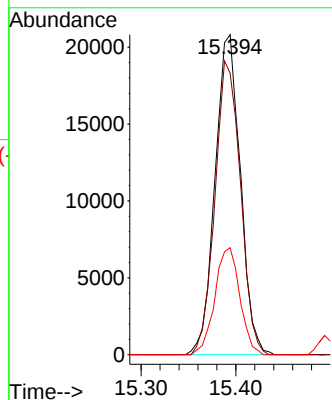
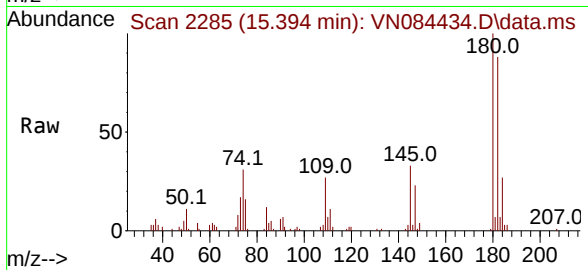
Tgt Ion:180 Resp: 38616

Ion Ratio Lower Upper

180 100

182 92.4 47.0 141.0

145 33.0 16.4 49.4



#94

Hexachlorobutadiene

Concen: 17.175 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

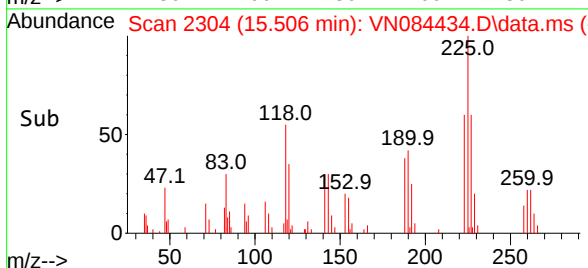
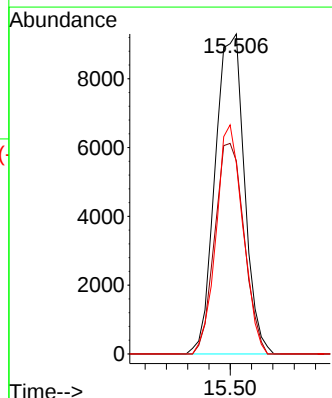
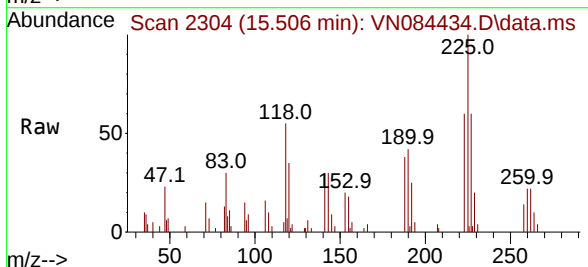
Tgt Ion:225 Resp: 17729

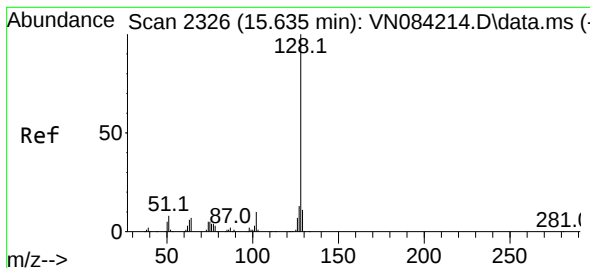
Ion Ratio Lower Upper

225 100

223 65.9 32.4 97.2

227 65.3 32.4 97.0





#95

Naphthalene

Concen: 16.767 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Instrument :

MSVOA\_N

ClientSampleId :

VN1021WBSD01

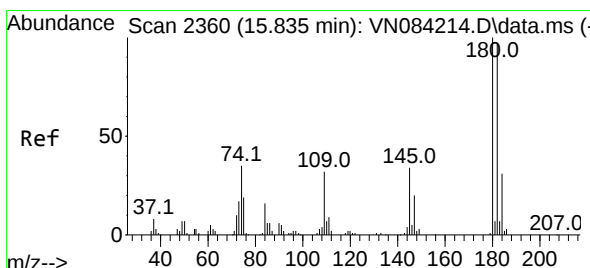
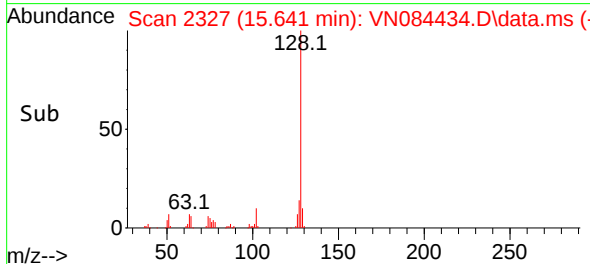
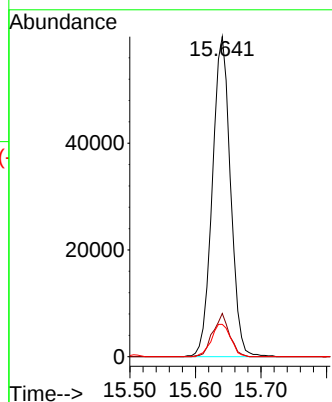
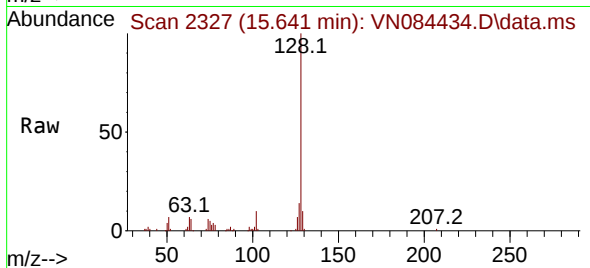
Tgt Ion:128 Resp: 115061

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.175 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084434.D

Acq: 21 Oct 2024 14:22

Tgt Ion:180 Resp: 37660

Ion Ratio Lower Upper

180 100

182 95.4 48.2 144.6

145 36.1 17.3 51.9

