

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092524\  
 Data File : VN084172.D  
 Acq On : 25 Sep 2024 20:11  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 26 01:37:50 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 150354   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 267759   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 242417   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 124600   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 117505   | 51.830   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 103.660% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 90866    | 53.009   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.020% |      |
| 50) Toluene-d8              | 10.565 | 98    | 325567   | 54.939   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 109.880% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 128146   | 52.414   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 104.820% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.130 | 85  | 63364   | 36.288  | ug/l   | 97  |
| 3) Chloromethane             | 2.365 | 50  | 74139   | 41.256  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.518 | 62  | 78039   | 40.774  | ug/l   | 98  |
| 5) Bromomethane              | 2.953 | 94  | 47821   | 43.518  | ug/l   | 98  |
| 6) Chloroethane              | 3.118 | 64  | 51325   | 38.230  | ug/l   | 90  |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 135770  | 41.791  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.959 | 74  | 49589   | 45.535  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 77193   | 44.828  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.589 | 142 | 89291   | 40.772  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 80735   | 265.935 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 73384   | 45.125  | ug/l   | 93  |
| 13) Acrolein                 | 4.183 | 56  | 79361   | 264.941 | ug/l   | 98  |
| 14) Allyl chloride           | 5.030 | 41  | 124436  | 42.943  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.724 | 53  | 226805  | 274.710 | ug/l   | 99  |
| 16) Acetone                  | 4.430 | 43  | 185711  | 204.339 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.712 | 76  | 165770  | 36.441  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.024 | 43  | 113365  | 60.248  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 278435  | 47.315  | ug/l   | 99  |
| 20) Methylene Chloride       | 5.277 | 84  | 87824   | 47.222  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 77285   | 44.345  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.671 | 45  | 307775  | 51.596  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.606 | 43  | 1082390 | 247.782 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 165893  | 48.272  | ug/l   | 97  |
| 25) 2-Butanone               | 7.482 | 43  | 296517  | 248.231 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.494 | 77  | 134538  | 42.510  | ug/l   | 95  |
| 27) cis-1,2-Dichloroethene   | 7.482 | 96  | 99722   | 48.201  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.818 | 49  | 76580   | 52.915  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 192188  | 272.101 | ug/l   | 98  |
| 30) Chloroform               | 7.965 | 83  | 175709  | 48.160  | ug/l   | 97  |
| 31) Cyclohexane              | 8.259 | 56  | 125132  | 38.189  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 153256  | 45.683  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 114896  | 44.532  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.559 | 43  | 121453  | 51.860  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 130249  | 44.498  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.600 | 83  | 116152  | 39.551  | ug/l   | 97  |
| 40) Benzene                  | 8.606 | 78  | 361162  | 46.508  | ug/l   | 97  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092524\  
 Data File : VN084172.D  
 Acq On : 25 Sep 2024 20:11  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 26 01:37:50 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 71077    | 51.314  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 131460   | 45.304  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 212931   | 50.174  | ug/l   | 97       |
| 44) Trichloroethene           | 9.353  | 130  | 83396    | 46.374  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 93270    | 49.693  | ug/l   | 99       |
| 46) Dibromomethane            | 9.706  | 93   | 65316    | 49.683  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.888  | 83   | 143064   | 50.283  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.682  | 41   | 102913   | 51.112  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 31299    | 944.940 | ug/l # | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 639819   | 276.959 | ug/l   | 99       |
| 52) Toluene                   | 10.629 | 92   | 221492   | 46.630  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 141018   | 48.898  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 150081   | 49.542  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 89311    | 50.364  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 149035   | 54.625  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 153286   | 50.294  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 304953   | 310.202 | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 458743   | 268.446 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 105830   | 53.326  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 87804    | 49.647  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 71553    | 44.384  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.888 | 112  | 243487   | 45.192  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 88626    | 47.449  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 439174   | 45.885  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.070 | 106  | 332748   | 93.642  | ug/l   | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 157272   | 45.719  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 281993   | 49.950  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 68670    | 54.559  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 418425   | 43.406  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 192101   | 46.707  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 129231   | 45.627  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 170455   | 67.798  | ug/l   | 61       |
| 77) Bromobenzene              | 12.976 | 156  | 100438   | 43.284  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.035 | 91   | 508506   | 45.337  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 308633   | 43.147  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 357710   | 44.013  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 45142    | 47.025  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 320518   | 44.652  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 313037   | 44.024  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 364100   | 44.598  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.617 | 105  | 435676   | 46.201  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 359675   | 45.500  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 188369   | 43.014  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 189061   | 42.636  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 320262   | 45.124  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 67530    | 42.497  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 181837   | 43.025  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 25953    | 45.966  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 93227    | 41.106  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 39316    | 40.820  | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 303110   | 43.929  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 91782    | 42.345  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092524\  
Data File : VN084172.D  
Acq On : 25 Sep 2024 20:11  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Sep 26 01:37:50 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration

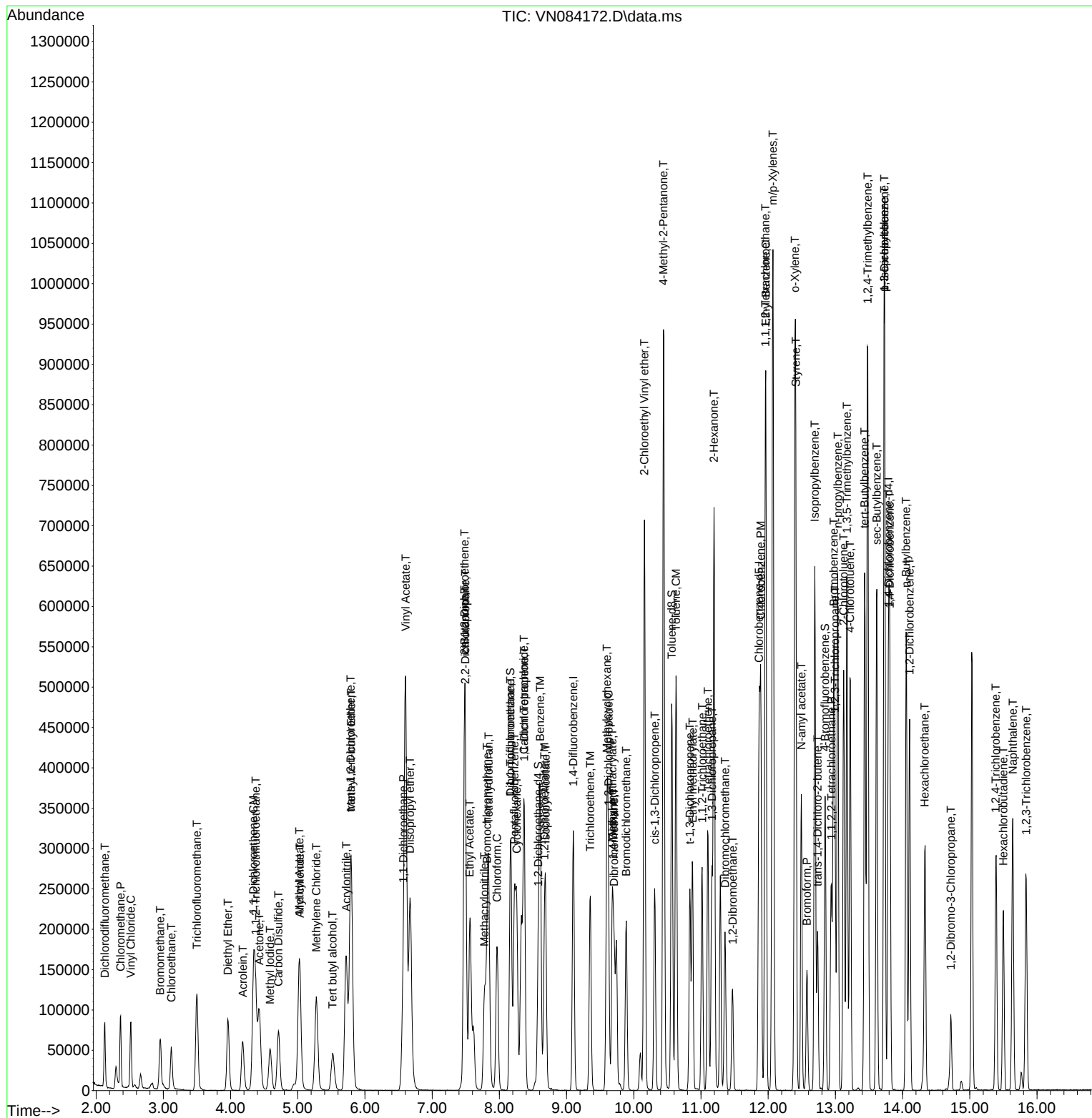
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092524\  
Data File : VN084172.D  
Acq On : 25 Sep 2024 20:11  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

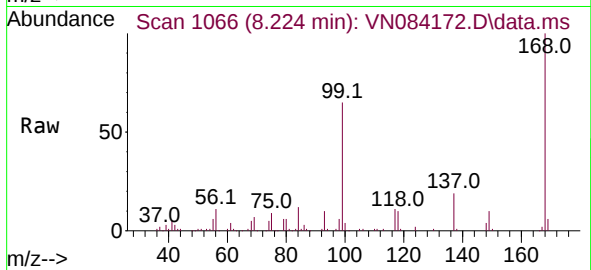
Quant Time: Sep 26 01:37:50 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration



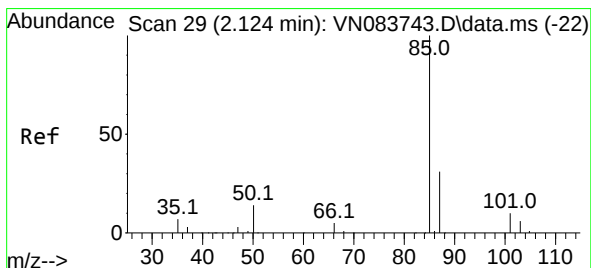
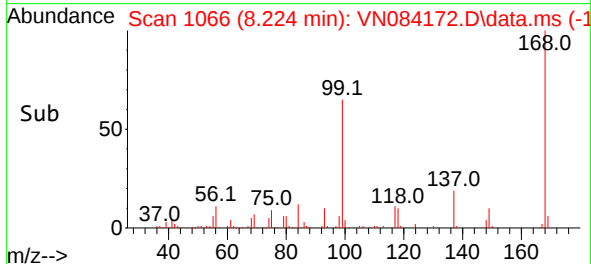
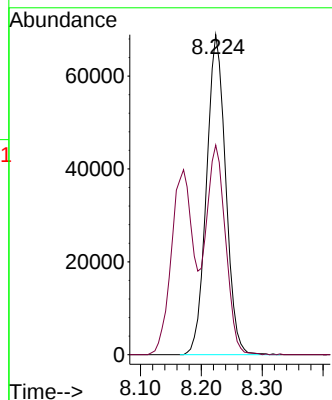


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Instrument :  
MSVOA\_N  
ClientSampleId :

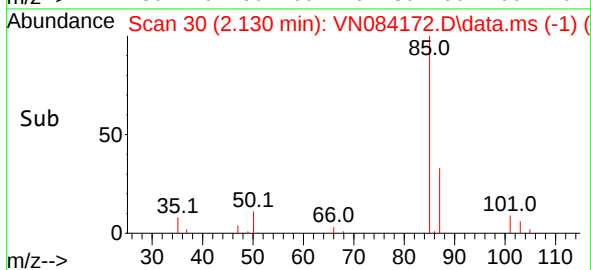
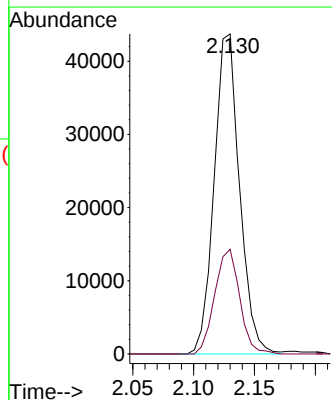
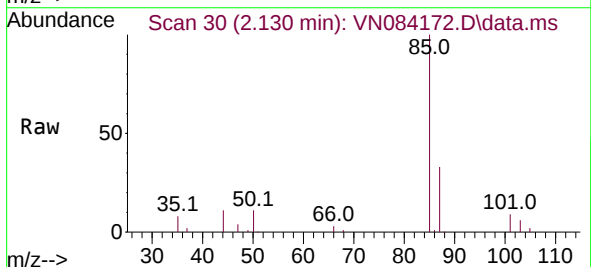


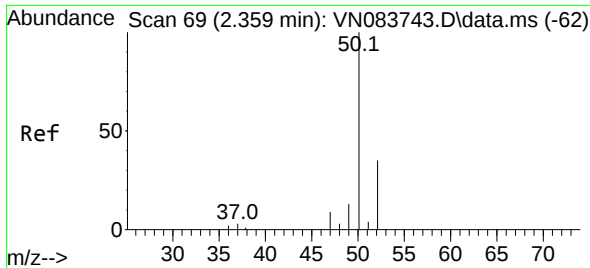
Tgt Ion:168 Resp: 150354  
Ion Ratio Lower Upper  
168 100  
99 65.2 54.2 81.2



#2  
Dichlorodifluoromethane  
Concen: 36.288 ug/l  
RT: 2.130 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion: 85 Resp: 63364  
Ion Ratio Lower Upper  
85 100  
87 32.7 15.7 47.0

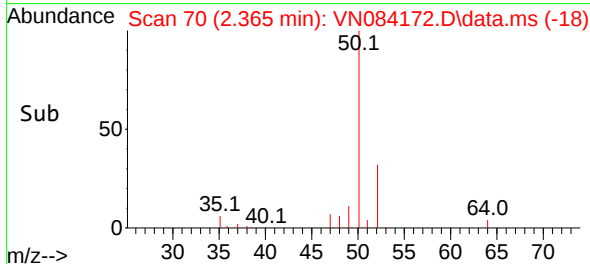
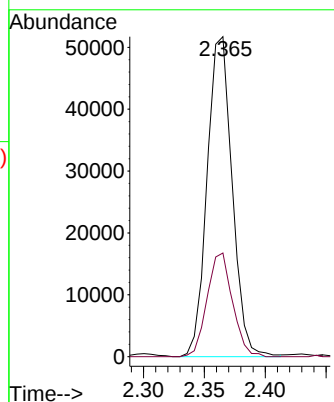
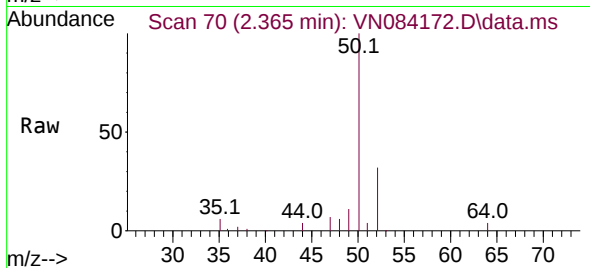




#3  
Chloromethane  
Concen: 41.256 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

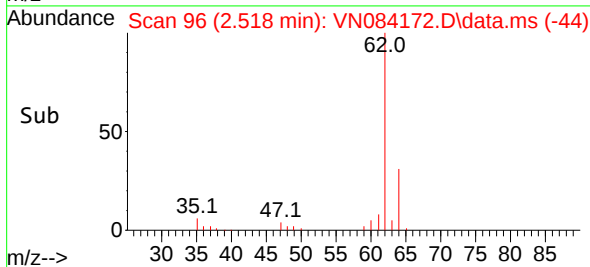
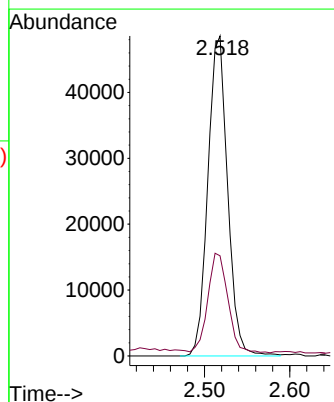
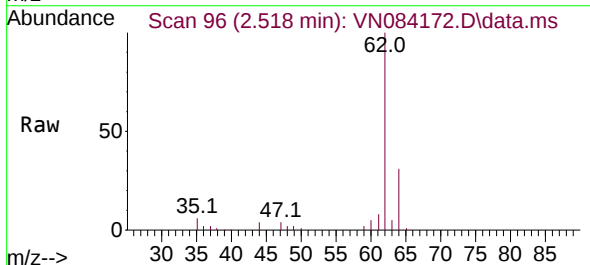
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 50 Resp: 74139  
Ion Ratio Lower Upper  
50 100  
52 32.4 27.2 40.8



#4  
Vinyl Chloride  
Concen: 40.774 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion: 62 Resp: 78039  
Ion Ratio Lower Upper  
62 100  
64 30.0 24.7 37.1

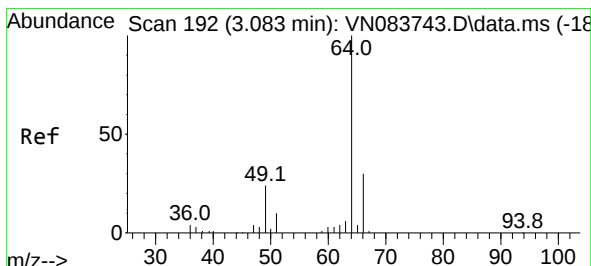
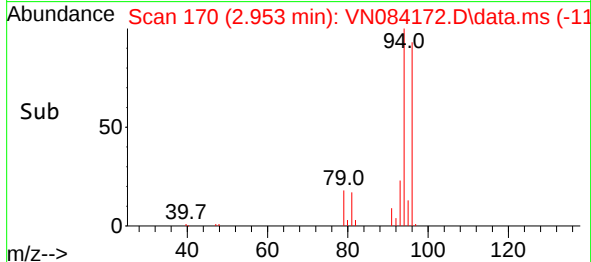
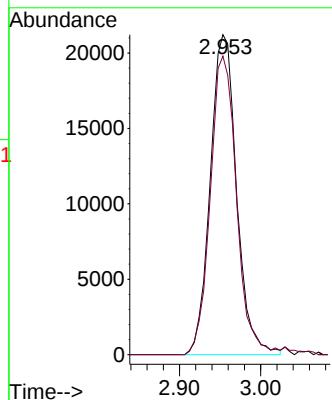
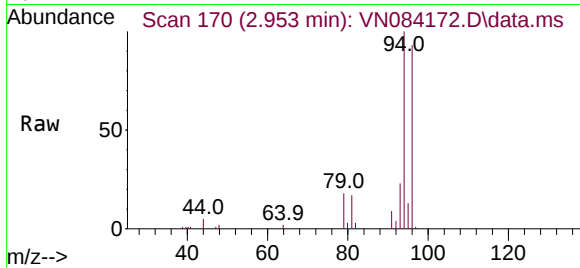




#5  
Bromomethane  
Concen: 43.518 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. 0.047 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

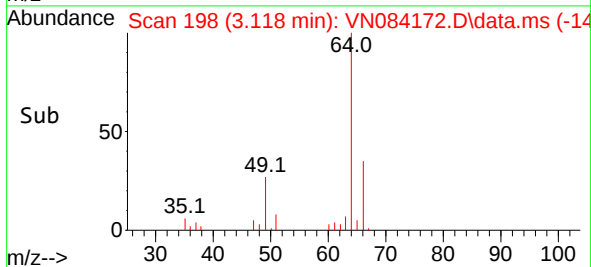
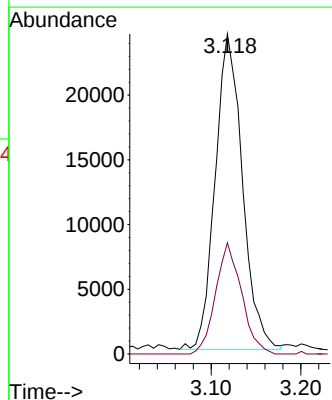
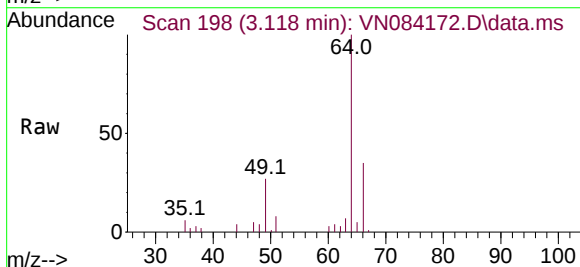
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 94 Resp: 47821  
Ion Ratio Lower Upper  
94 100  
96 93.3 76.0 114.0



#6  
Chloroethane  
Concen: 38.230 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.035 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion: 64 Resp: 51325  
Ion Ratio Lower Upper  
64 100  
66 35.3 23.9 35.9

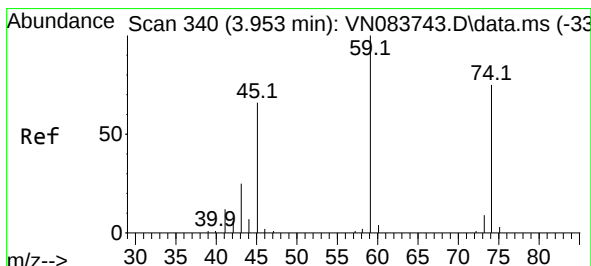
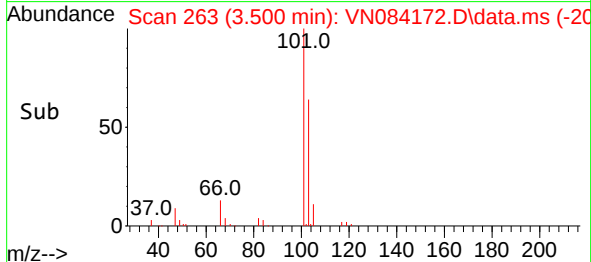
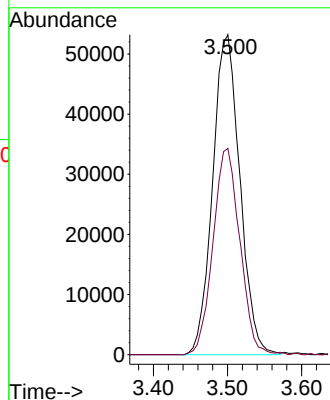
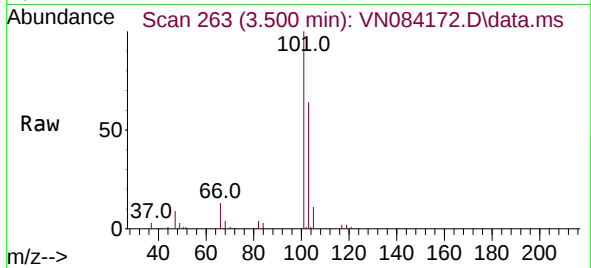




#7  
 Trichlorofluoromethane  
 Concen: 41.791 ug/l  
 RT: 3.500 min Scan# 20  
 Delta R.T. 0.029 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11

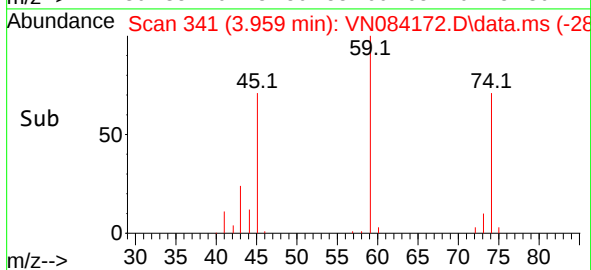
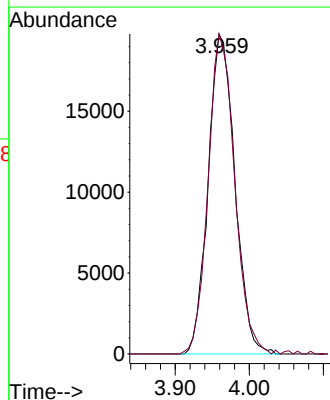
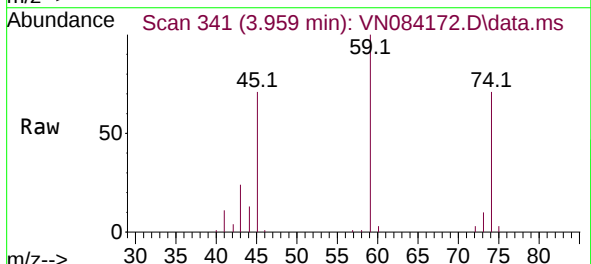
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:101 Resp: 135770  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 51.4 77.0



#8  
 Diethyl Ether  
 Concen: 45.535 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11

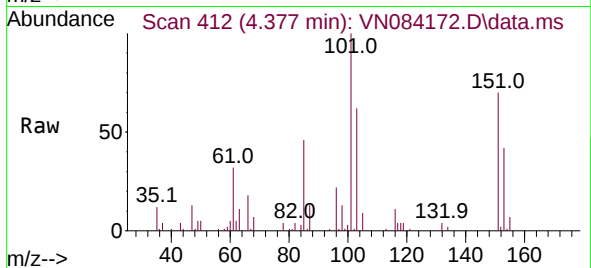
Tgt Ion: 74 Resp: 49589  
 Ion Ratio Lower Upper  
 74 100  
 45 99.1 46.7 140.1



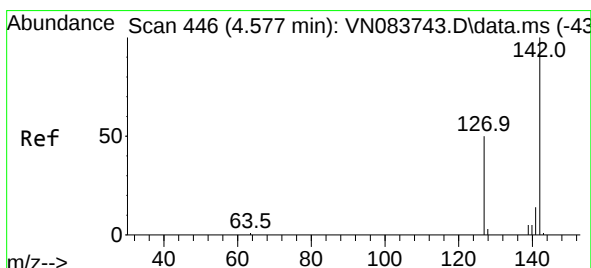
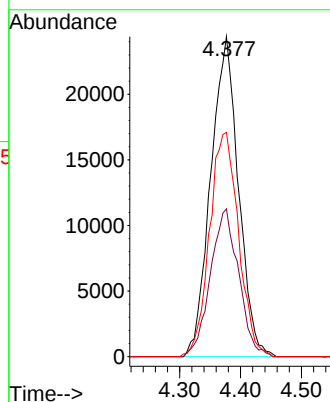
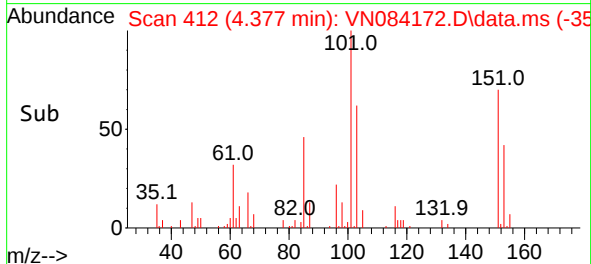


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.828 ug/l  
RT: 4.377 min Scan# 412  
Delta R.T. 0.023 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

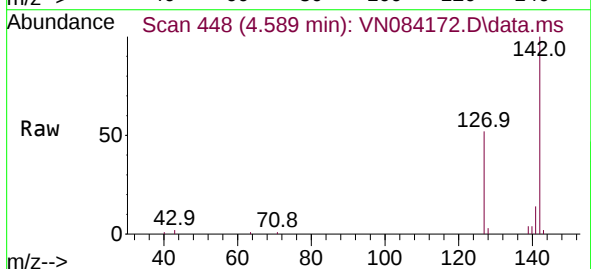
Instrument :  
MSVOA\_N  
ClientSampleId :



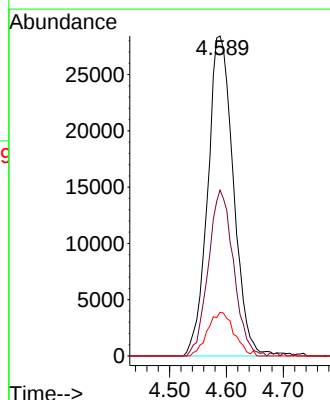
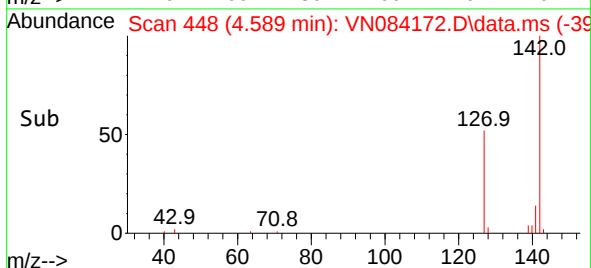
Tgt Ion:101 Resp: 77193  
Ion Ratio Lower Upper  
101 100  
85 47.0 36.2 54.4  
151 73.2 57.7 86.5

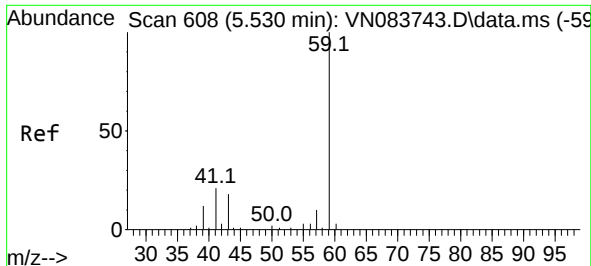


#10  
Methyl Iodide  
Concen: 40.772 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.012 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11



Tgt Ion:142 Resp: 89291  
Ion Ratio Lower Upper  
142 100  
127 51.8 37.5 56.3  
141 13.6 11.0 16.4

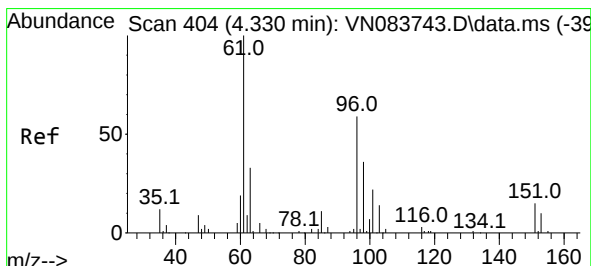
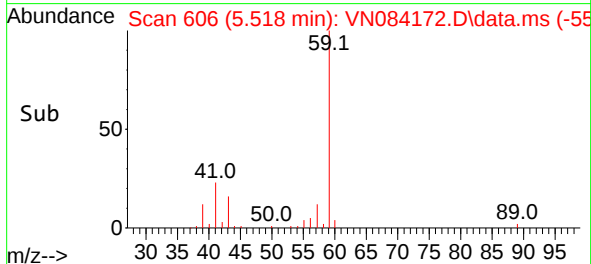
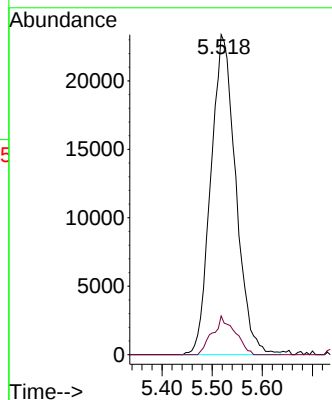
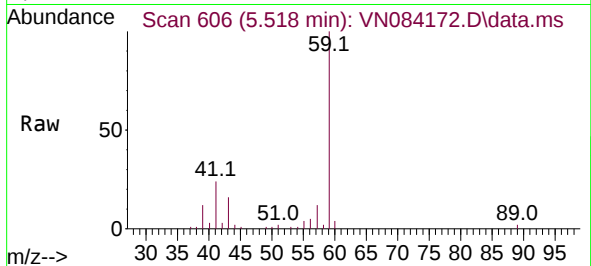




#11  
Tert butyl alcohol  
Concen: 265.935 ug/l  
RT: 5.518 min Scan# 608  
Delta R.T. -0.012 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

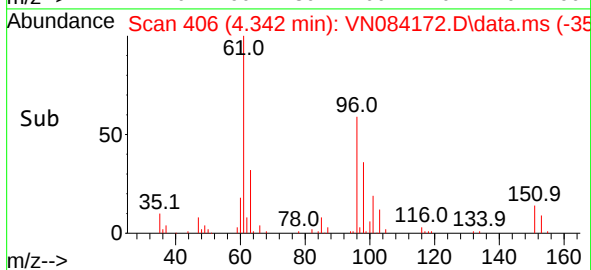
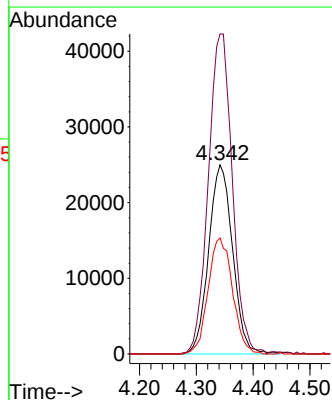
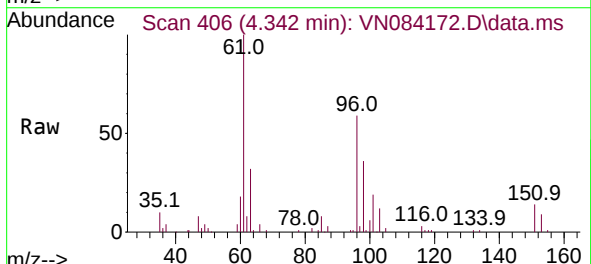
Instrument :  
MSVOA\_N  
ClientSampleId :

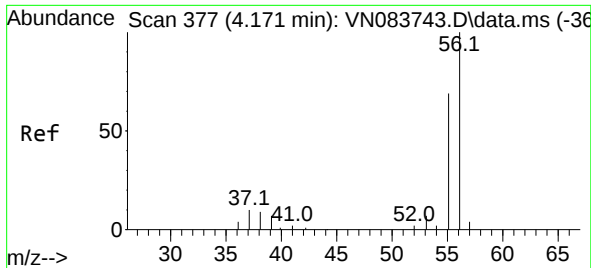
Tgt Ion: 59 Resp: 80735  
Ion Ratio Lower Upper  
59 100  
57 10.8 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 45.125 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.012 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion: 96 Resp: 73384  
Ion Ratio Lower Upper  
96 100  
61 169.2 143.4 215.0  
98 61.3 52.7 79.1

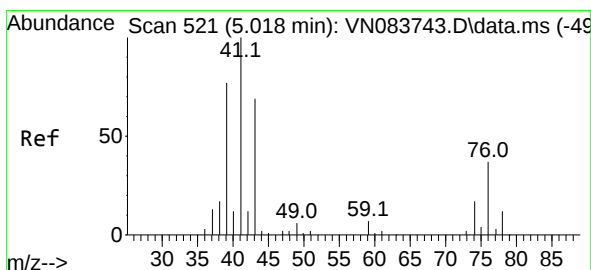
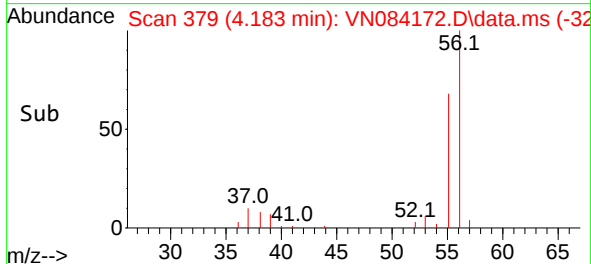
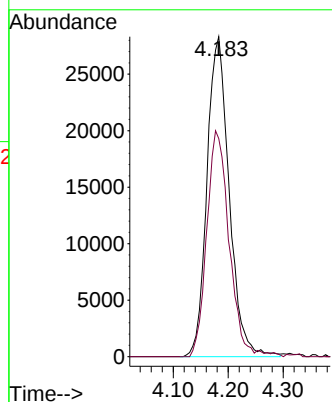
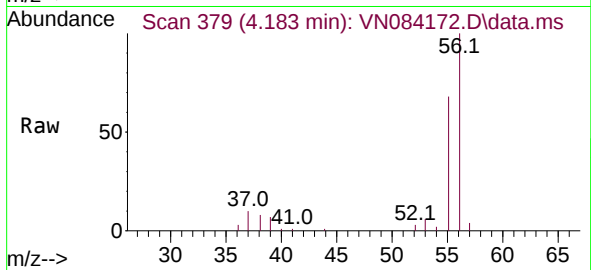




#13  
Acrolein  
Concen: 264.941 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

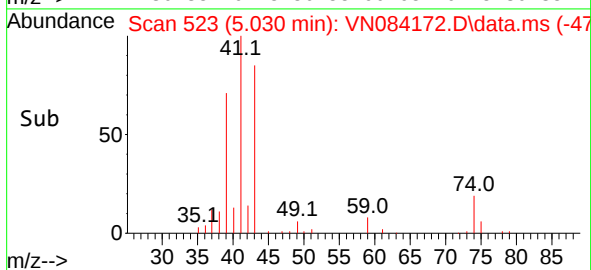
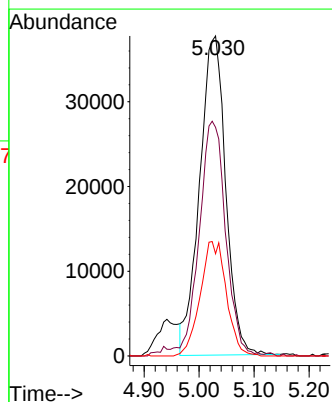
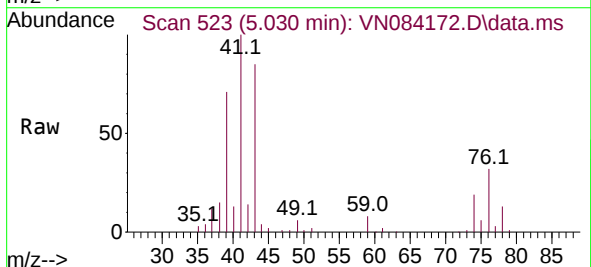
Instrument :  
MSVOA\_N  
ClientSampleId :

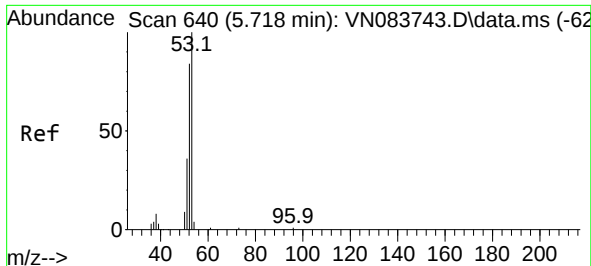
Tgt Ion: 56 Resp: 79361  
Ion Ratio Lower Upper  
56 100  
55 71.3 58.2 87.2



#14  
Allyl chloride  
Concen: 42.943 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.012 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

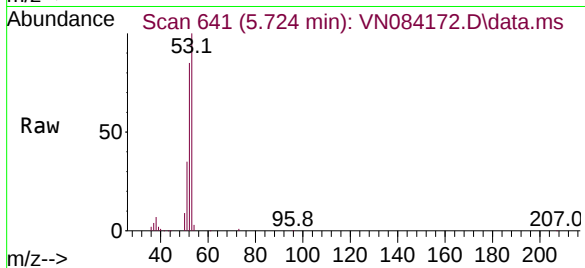
Tgt Ion: 41 Resp: 124436  
Ion Ratio Lower Upper  
41 100  
39 73.5 59.3 88.9  
76 36.0 27.7 41.5



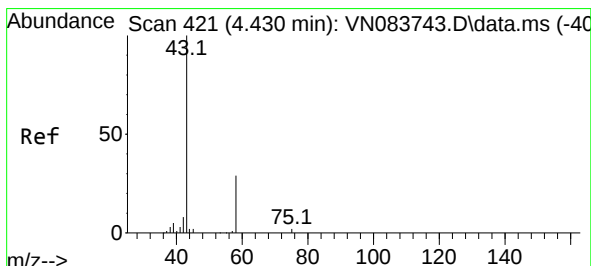
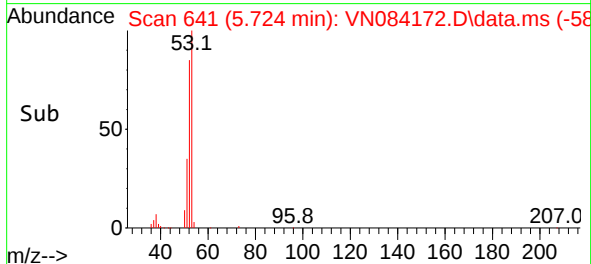
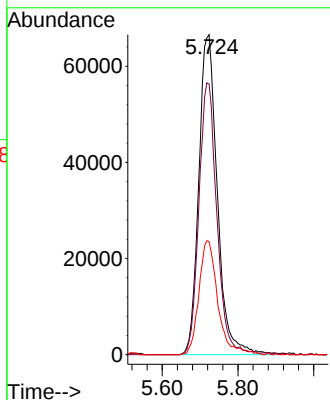


#15  
Acrylonitrile  
Concen: 274.710 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Instrument :  
MSVOA\_N  
ClientSampleId :

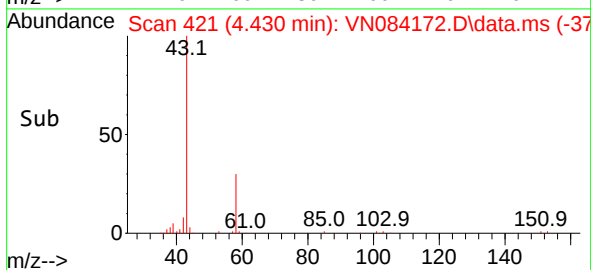
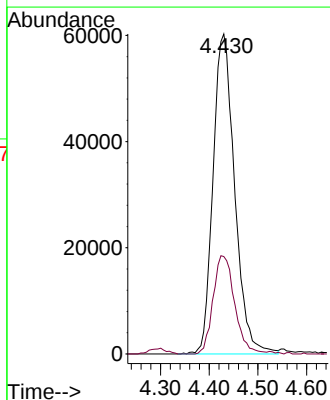
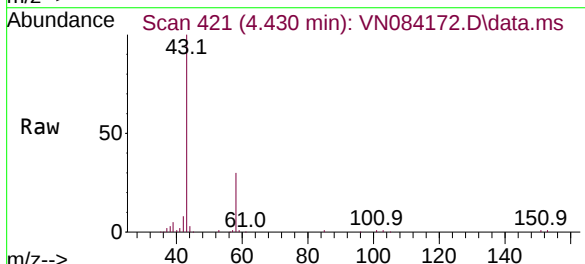


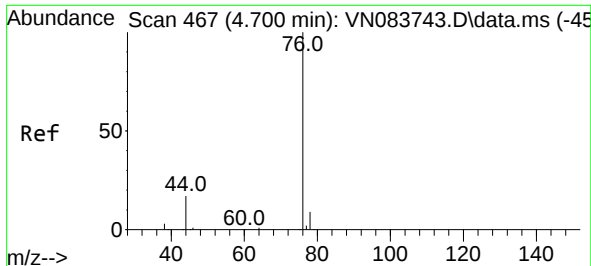
Tgt Ion: 53 Resp: 226805  
Ion Ratio Lower Upper  
53 100  
52 81.7 66.1 99.1  
51 36.2 29.6 44.4



#16  
Acetone  
Concen: 204.339 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion: 43 Resp: 185711  
Ion Ratio Lower Upper  
43 100  
58 30.5 23.7 35.5

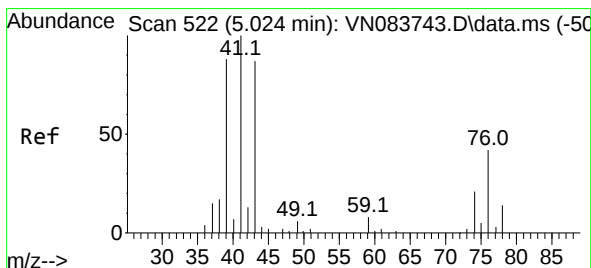
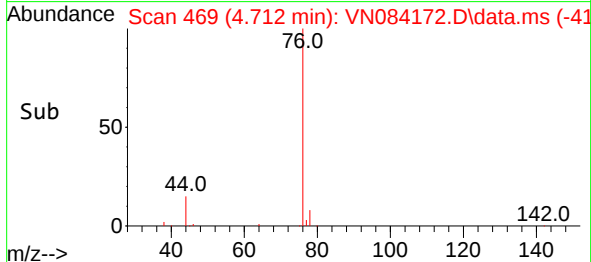
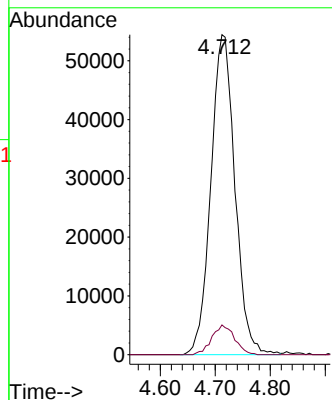
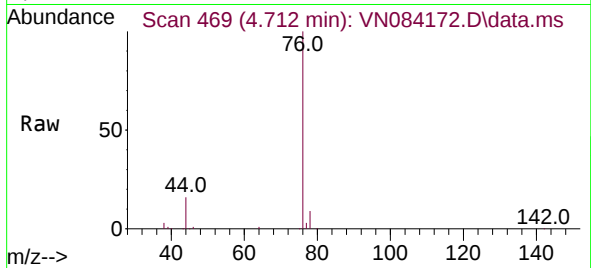




#17  
Carbon Disulfide  
Concen: 36.441 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.012 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

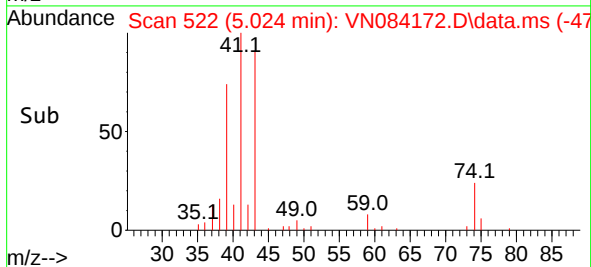
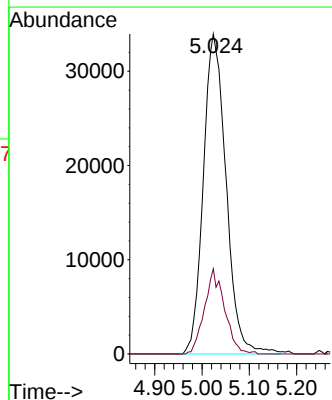
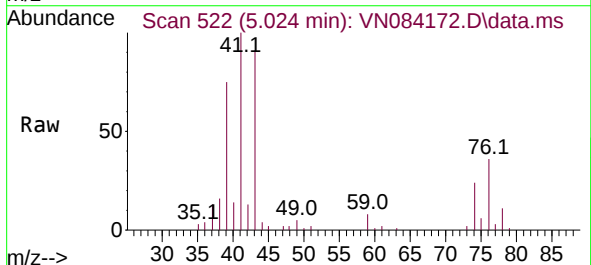
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 76 Resp: 165770  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.1 10.7



#18  
Methyl Acetate  
Concen: 60.248 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion: 43 Resp: 113365  
Ion Ratio Lower Upper  
43 100  
74 23.5 19.0 28.4





#19

Methyl tert-butyl Ether

Concen: 47.315 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA\_N

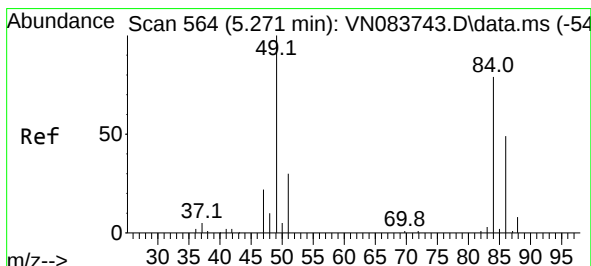
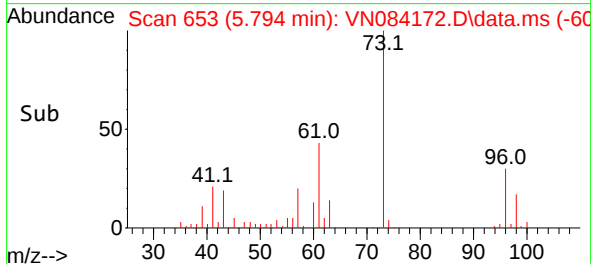
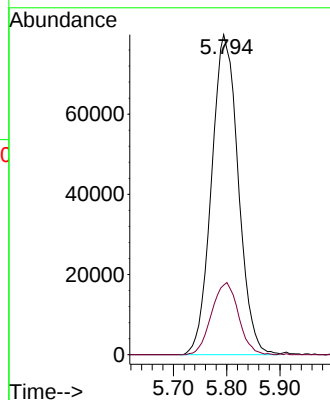
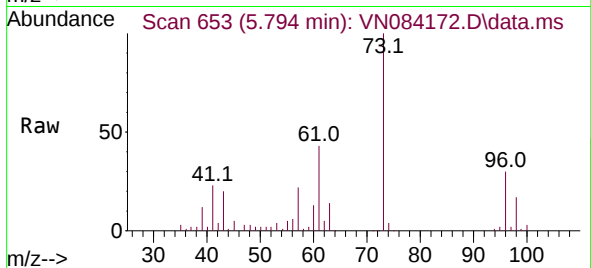
ClientSampleId :

Tgt Ion: 73 Resp: 278435

Ion Ratio Lower Upper

73 100

57 21.8 17.0 25.6



#20

Methylene Chloride

Concen: 47.222 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Tgt Ion: 84 Resp: 87824

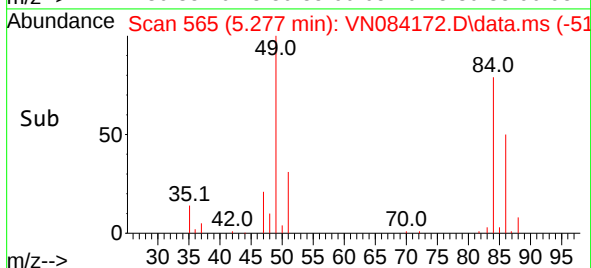
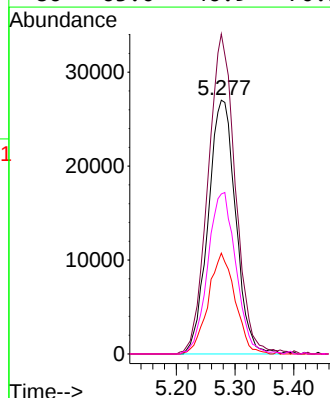
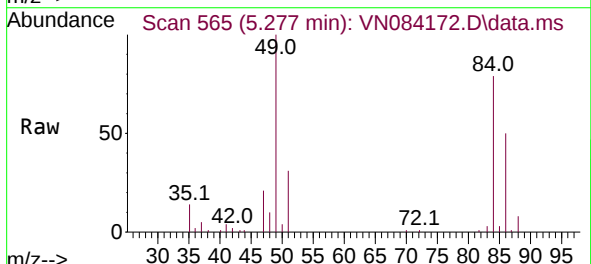
Ion Ratio Lower Upper

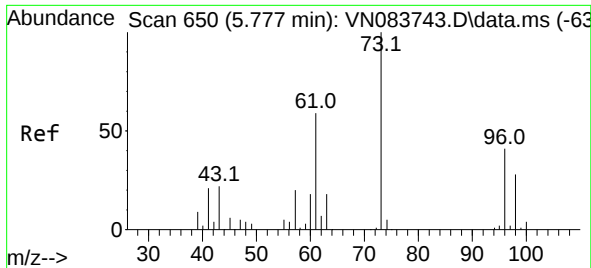
84 100

49 125.3 93.4 140.0

51 39.7 29.2 43.8

86 63.0 46.9 70.3

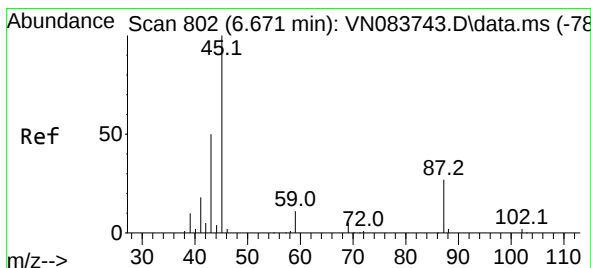
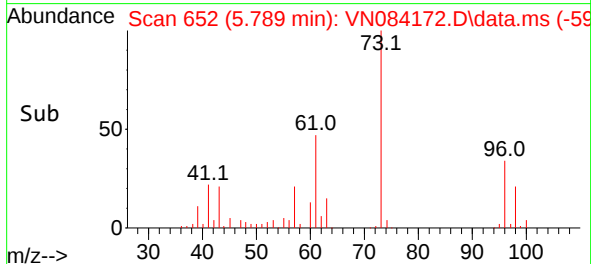
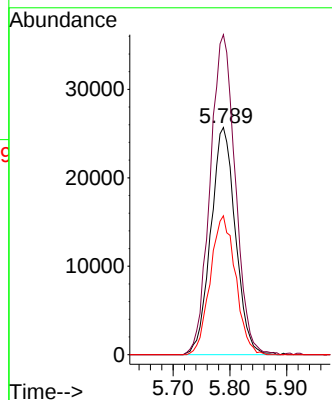
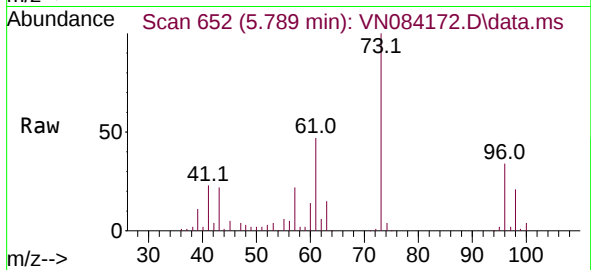




#21  
trans-1,2-Dichloroethene  
Concen: 44.345 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

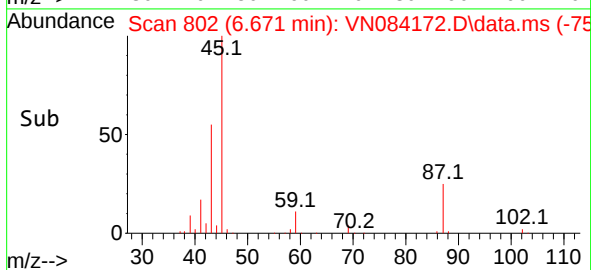
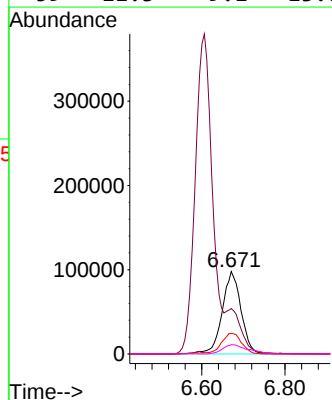
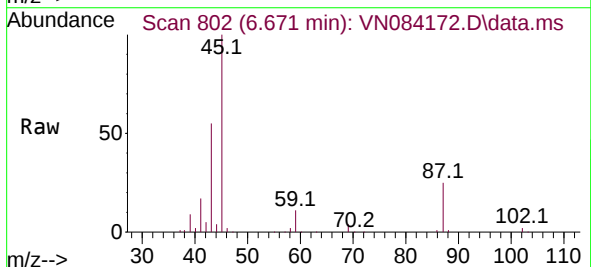
Instrument :  
MSVOA\_N  
ClientSampleId :

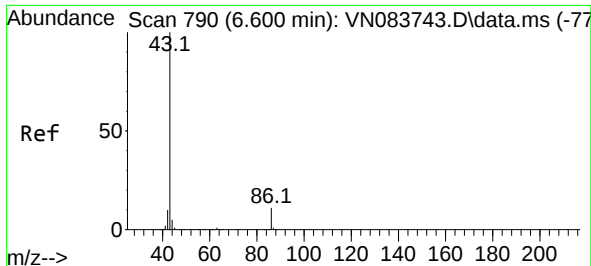
Tgt Ion: 96 Resp: 77285  
Ion Ratio Lower Upper  
96 100  
61 140.9 106.0 159.0  
98 61.1 52.2 78.2



#22  
Diisopropyl ether  
Concen: 51.596 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

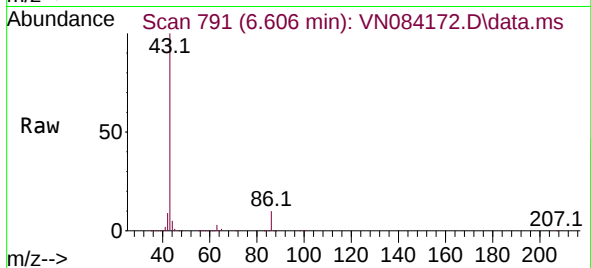
Tgt Ion: 45 Resp: 307775  
Ion Ratio Lower Upper  
45 100  
43 53.9 43.4 65.0  
87 24.9 22.6 33.8  
59 11.3 9.1 13.7



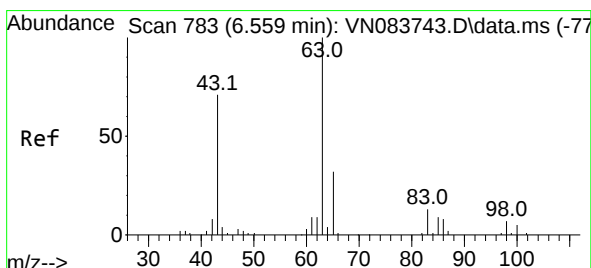
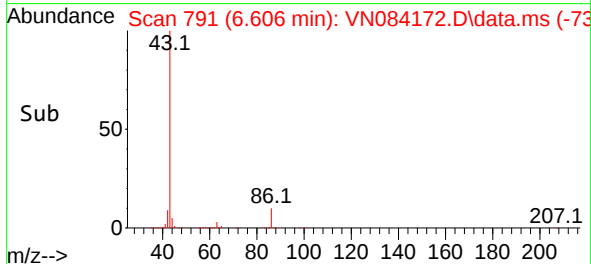
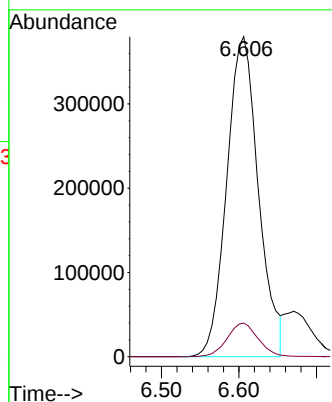


#23  
 Vinyl Acetate  
 Concen: 247.782 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11

Instrument :  
 MSVOA\_N  
 ClientSampleId :

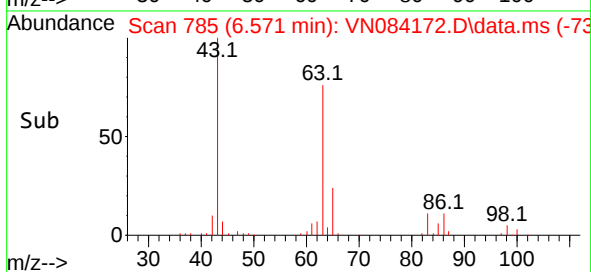
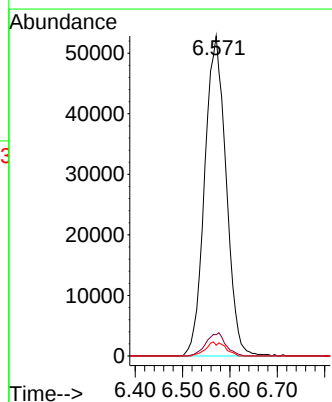
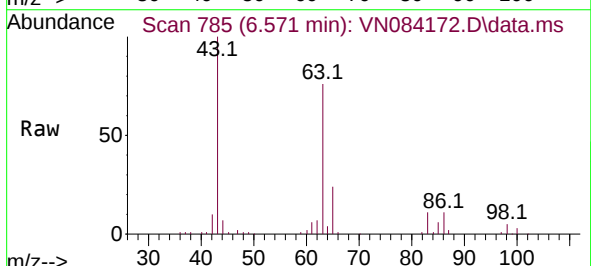


Tgt Ion: 43 Resp: 1082390  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 8.7 13.1



#24  
 1,1-Dichloroethane  
 Concen: 48.272 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.012 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11

Tgt Ion: 63 Resp: 165893  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.5 10.4  
 100 3.3 2.5 7.5





#25

2-Butanone

Concen: 248.231 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA\_N

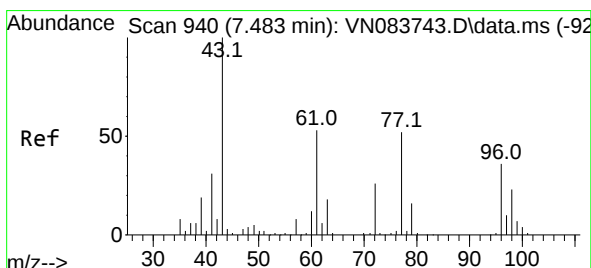
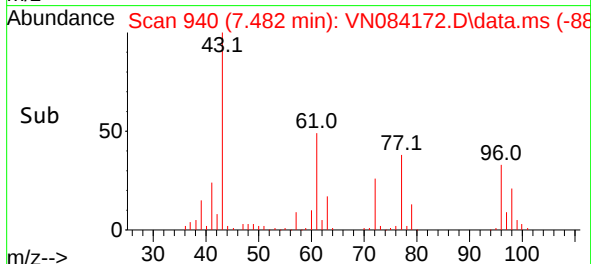
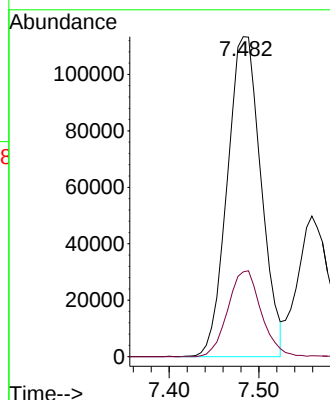
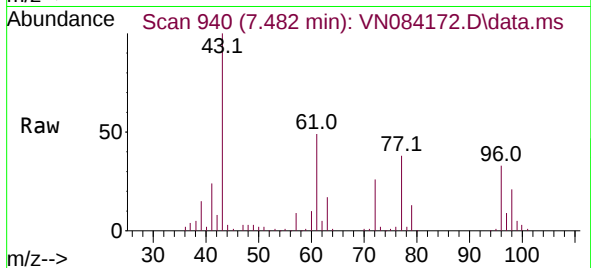
ClientSampleId :

Tgt Ion: 43 Resp: 296517

Ion Ratio Lower Upper

43 100

72 26.5 20.8 31.2



#26

2,2-Dichloropropane

Concen: 42.510 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.012 min

Lab File: VN084172.D

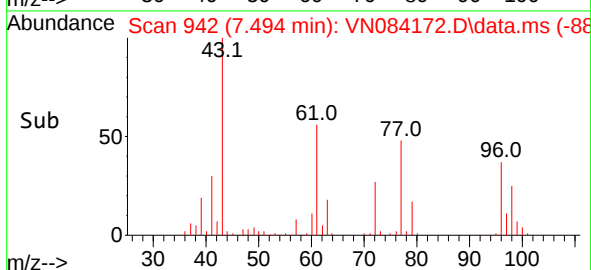
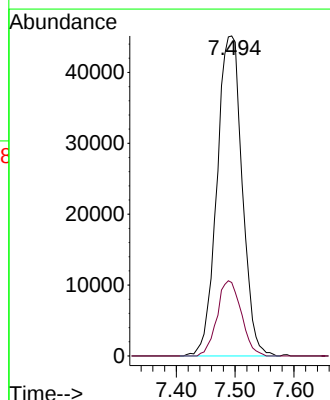
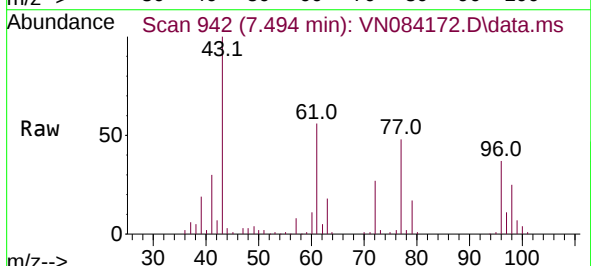
Acq: 25 Sep 2024 20:11

Tgt Ion: 77 Resp: 134538

Ion Ratio Lower Upper

77 100

97 22.6 10.2 30.4

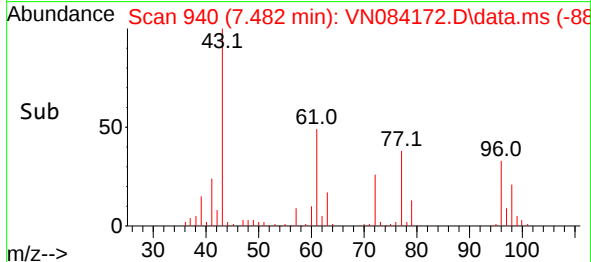
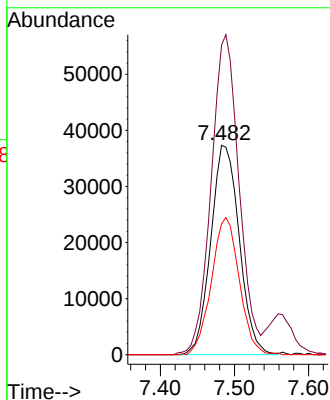
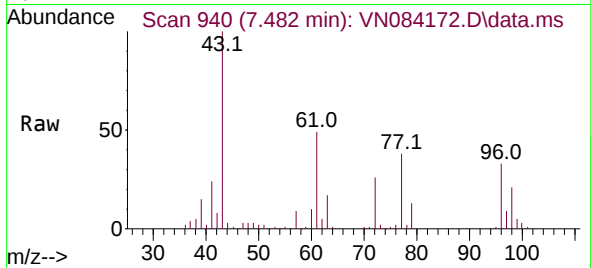




#27  
 cis-1,2-Dichloroethene  
 Concen: 48.201 ug/l  
 RT: 7.482 min Scan# 940  
 Delta R.T. -0.000 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11

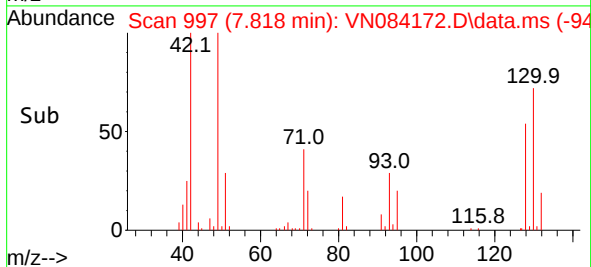
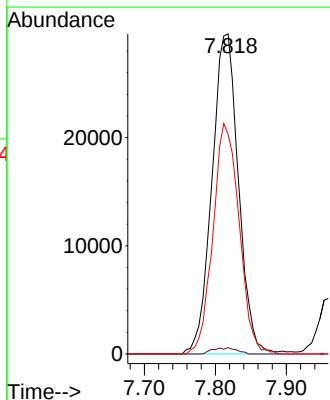
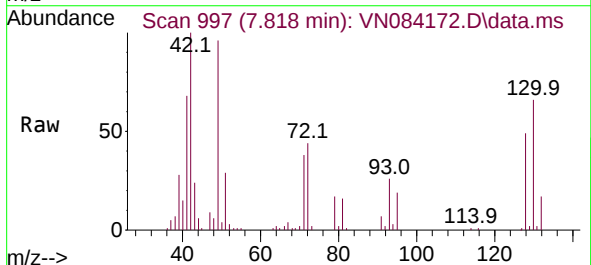
Instrument :  
 MSVOA\_N  
 ClientSampleId :

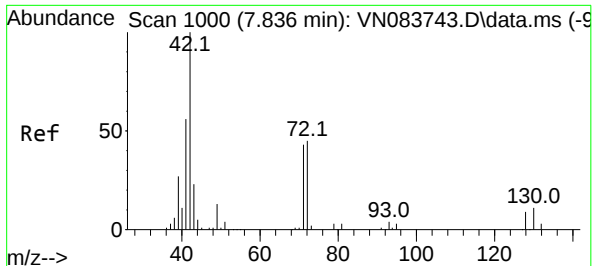
Tgt Ion: 96 Resp: 99722  
 Ion Ratio Lower Upper  
 96 100  
 61 149.5 0.0 306.2  
 98 64.2 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 52.915 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11

Tgt Ion: 49 Resp: 76580  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 3.4  
 130 71.1 60.2 90.2





#29

Tetrahydrofuran

Concen: 272.101 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA\_N

ClientSampleId :

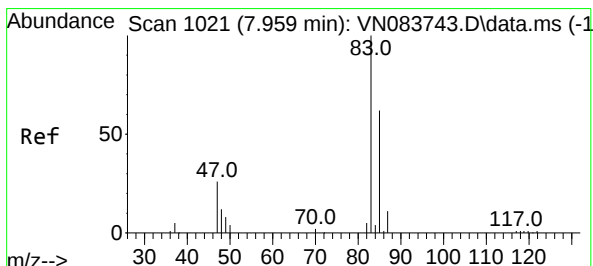
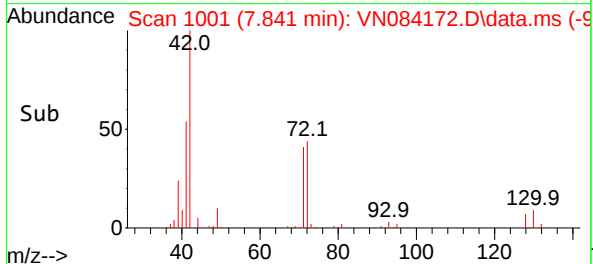
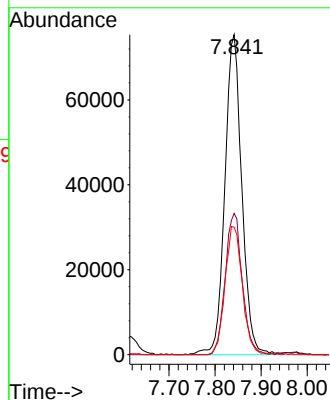
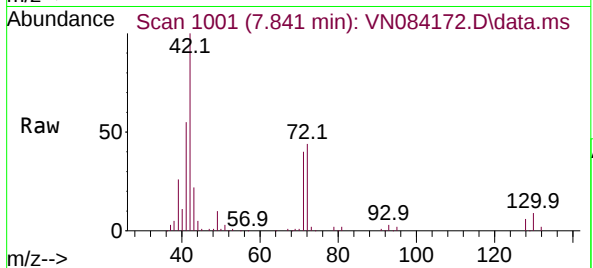
Tgt Ion: 42 Resp: 192188

Ion Ratio Lower Upper

42 100

72 44.3 35.9 53.9

71 40.9 33.9 50.9



#30

Chloroform

Concen: 48.160 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN084172.D

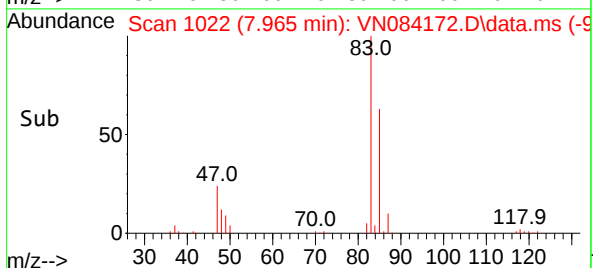
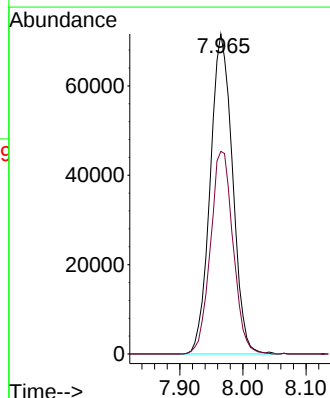
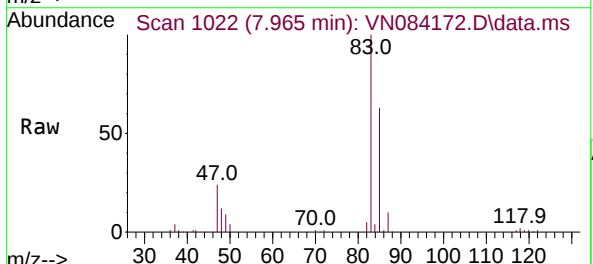
Acq: 25 Sep 2024 20:11

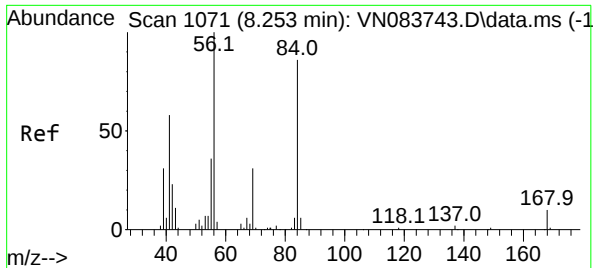
Tgt Ion: 83 Resp: 175709

Ion Ratio Lower Upper

83 100

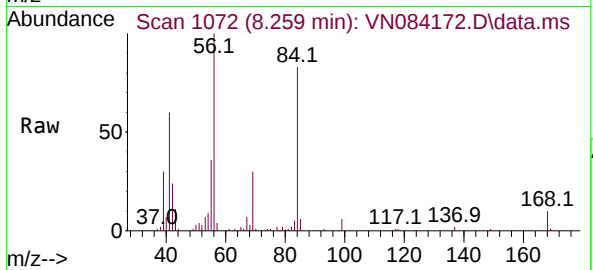
85 63.3 52.8 79.2



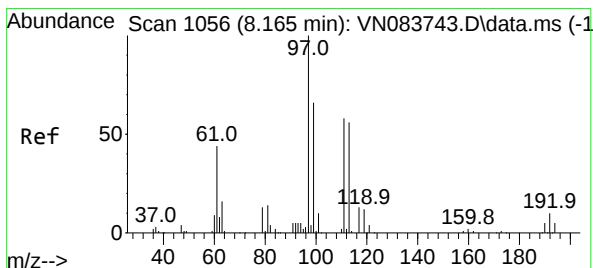
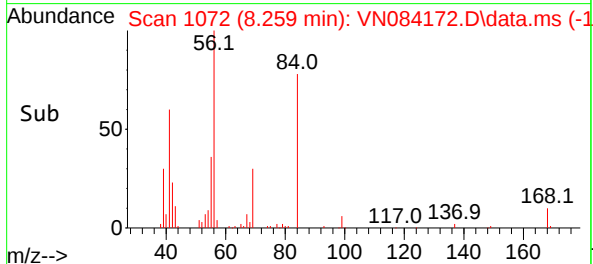
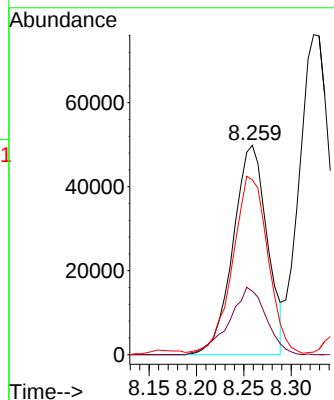


#31  
Cyclohexane  
Concen: 38.189 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. 0.006 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Instrument :  
MSVOA\_N  
ClientSampleId :

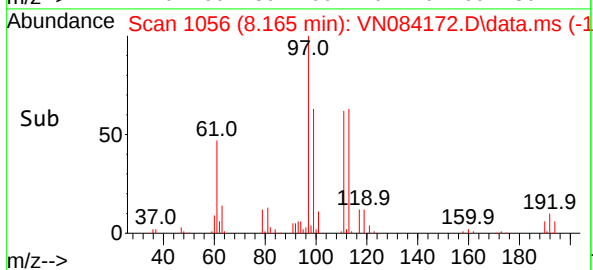
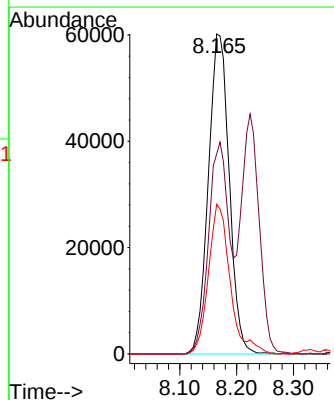
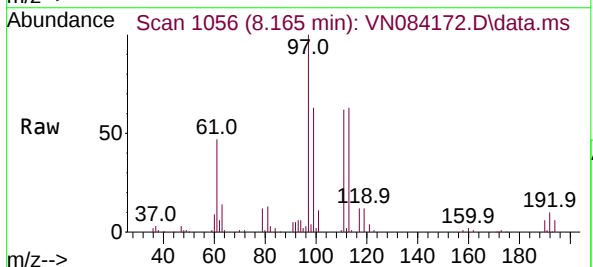


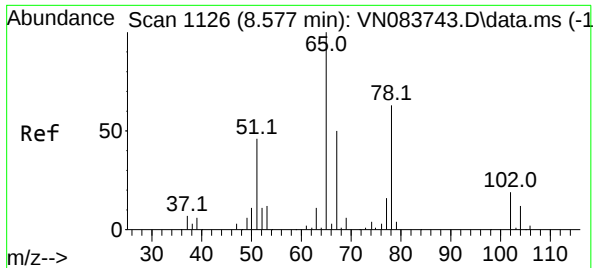
Tgt Ion: 56 Resp: 125132  
Ion Ratio Lower Upper  
56 100  
69 30.4 26.9 40.3  
84 81.8 69.2 103.8



#32  
1,1,1-Trichloroethane  
Concen: 45.683 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion: 97 Resp: 153256  
Ion Ratio Lower Upper  
97 100  
99 64.0 52.3 78.5  
61 48.6 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 51.830 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA\_N

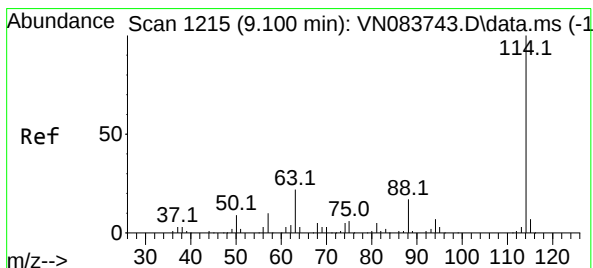
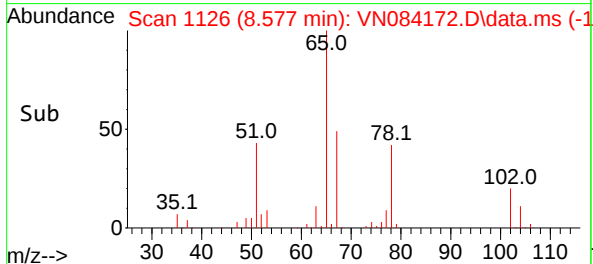
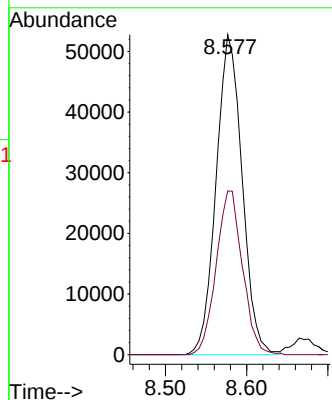
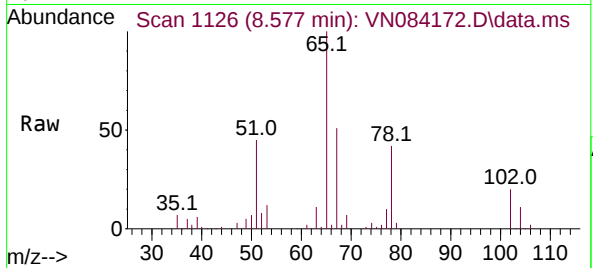
ClientSampleId :

Tgt Ion: 65 Resp: 117505

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

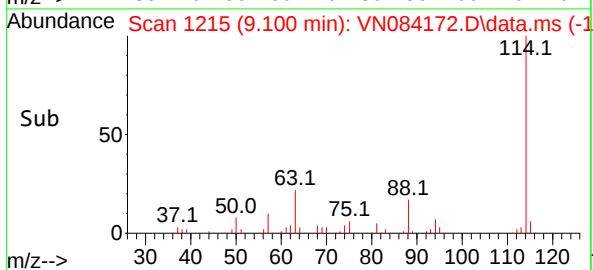
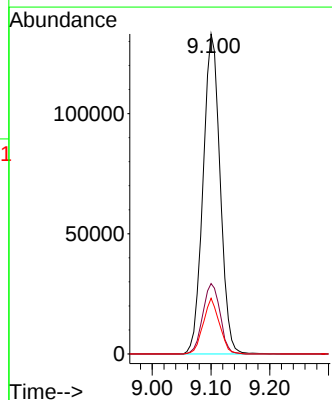
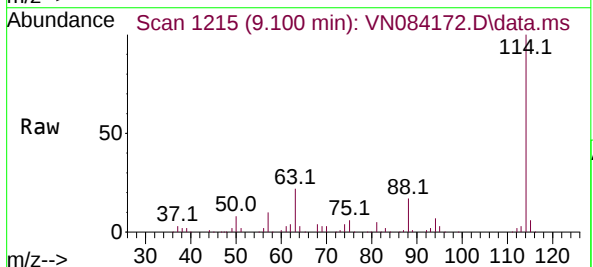
Tgt Ion: 114 Resp: 267759

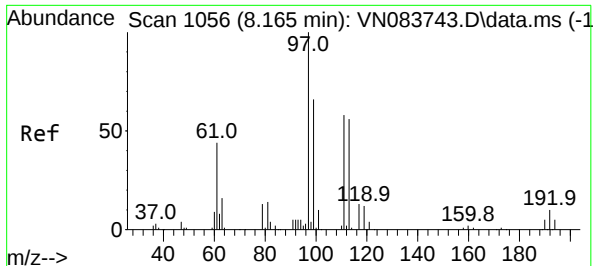
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

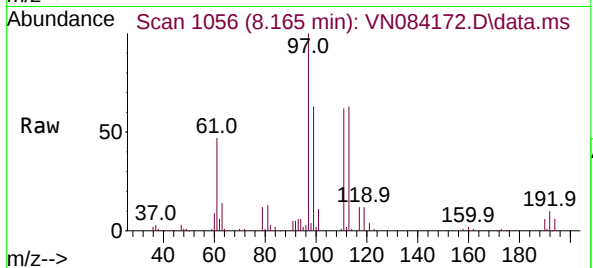
88 17.4 0.0 32.6



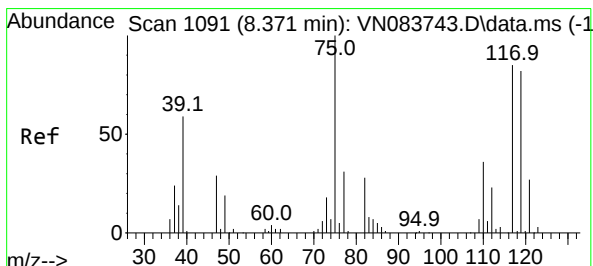
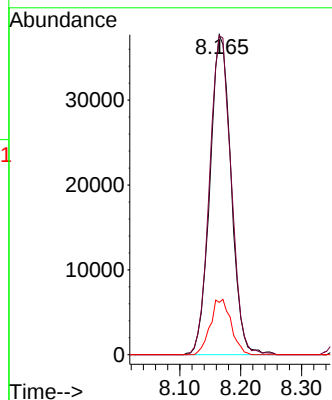
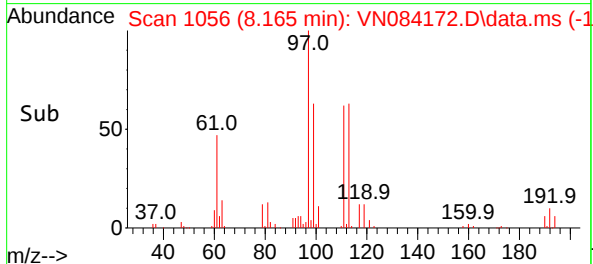


#35  
Dibromofluoromethane  
Concen: 53.009 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

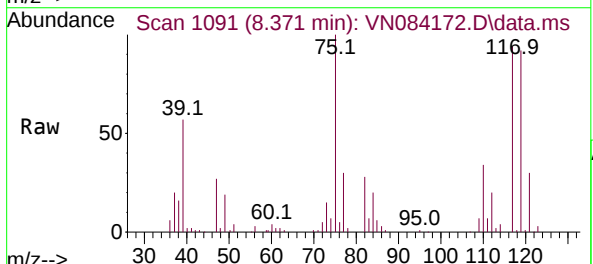
Instrument :  
MSVOA\_N  
ClientSampleId :



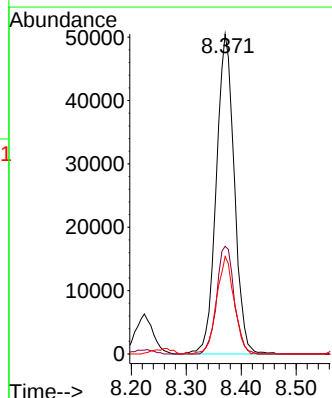
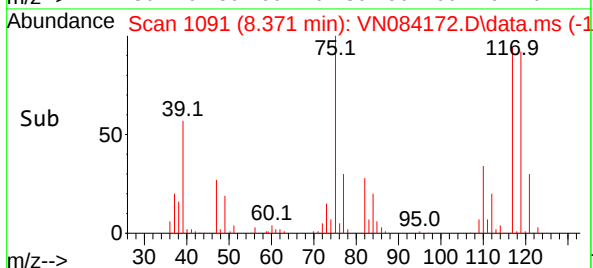
Tgt Ion:113 Resp: 90866  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.6 124.0  
192 17.0 14.3 21.5

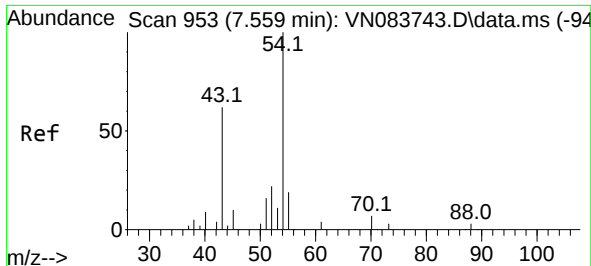


#36  
1,1-Dichloropropene  
Concen: 44.532 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11



Tgt Ion: 75 Resp: 114896  
Ion Ratio Lower Upper  
75 100  
110 33.0 16.7 50.1  
77 29.8 25.2 37.8





#37

Ethyl Acetate

Concen: 51.860 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA\_N

ClientSampleId :

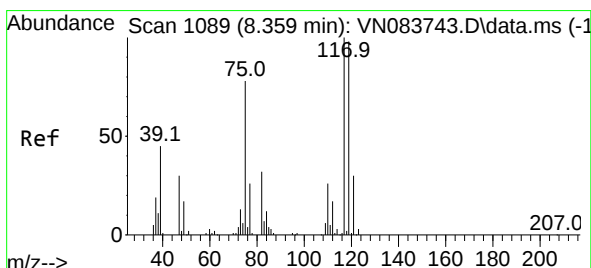
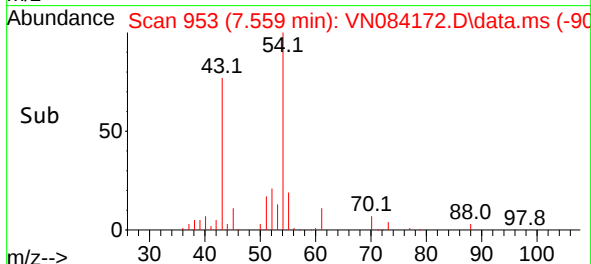
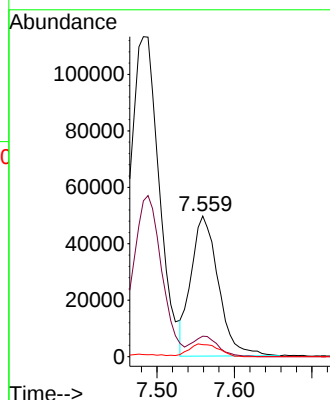
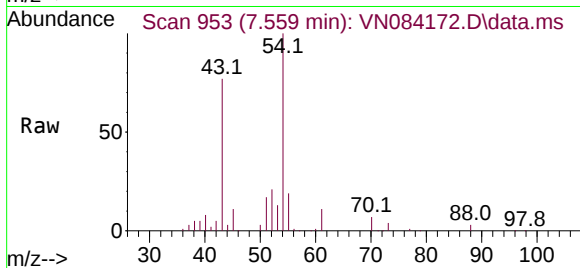
Tgt Ion: 43 Resp: 121453

Ion Ratio Lower Upper

43 100

61 14.0 11.1 16.7

70 9.8 8.8 13.2



#38

Carbon Tetrachloride

Concen: 44.498 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

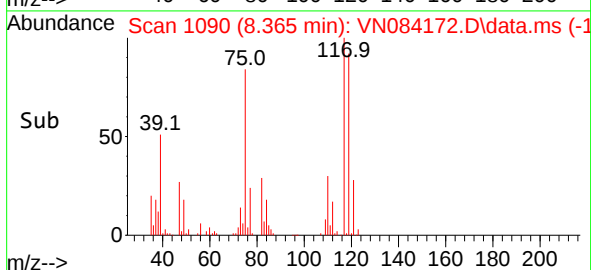
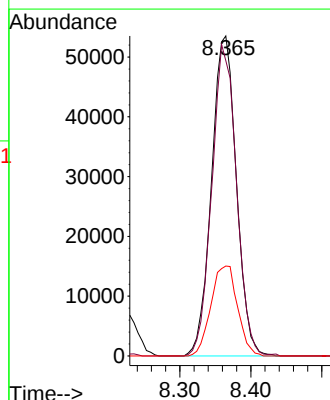
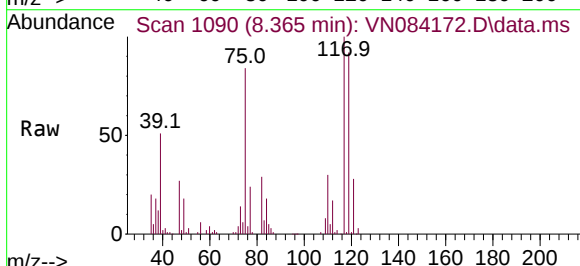
Tgt Ion: 117 Resp: 130249

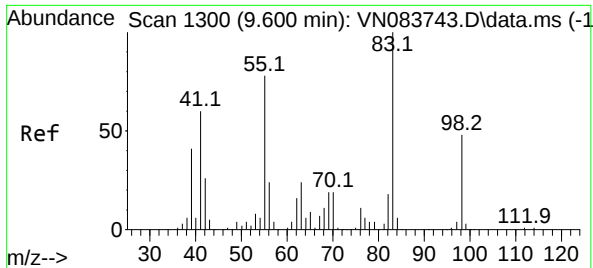
Ion Ratio Lower Upper

117 100

119 92.3 76.1 114.1

121 28.1 24.1 36.1





#39

Methylcyclohexane

Concen: 39.551 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA\_N

ClientSampleId :

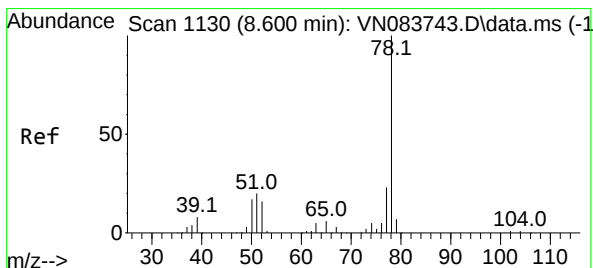
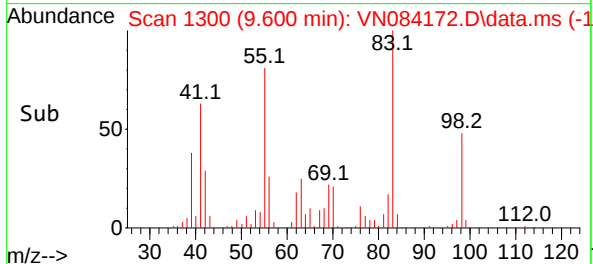
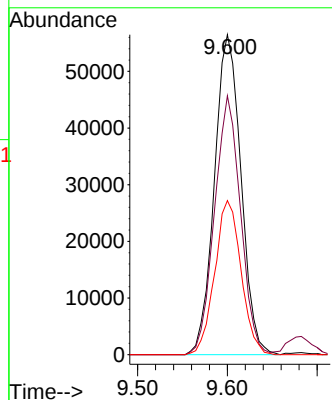
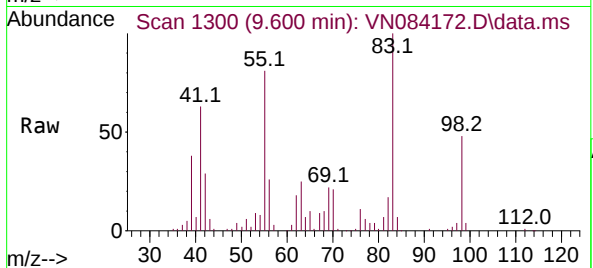
Tgt Ion: 83 Resp: 116152

Ion Ratio Lower Upper

83 100

55 80.9 62.2 93.4

98 48.1 37.6 56.4



#40

Benzene

Concen: 46.508 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084172.D

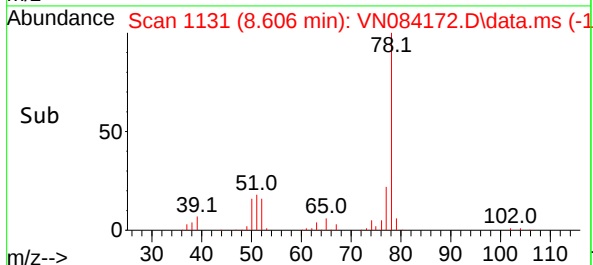
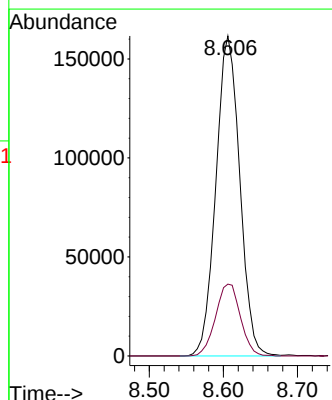
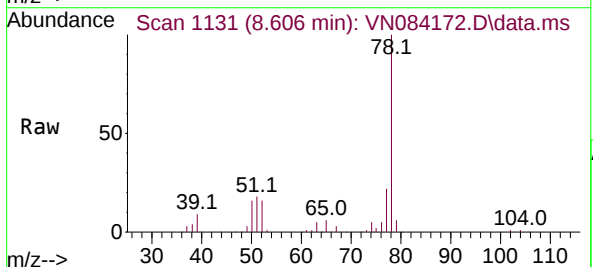
Acq: 25 Sep 2024 20:11

Tgt Ion: 78 Resp: 361162

Ion Ratio Lower Upper

78 100

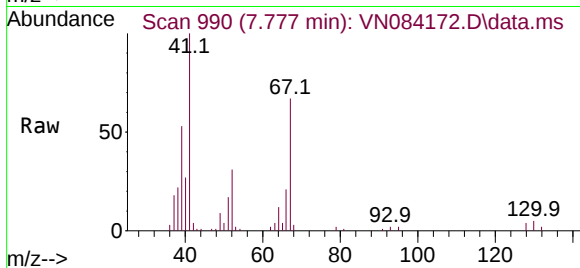
77 22.5 19.0 28.6



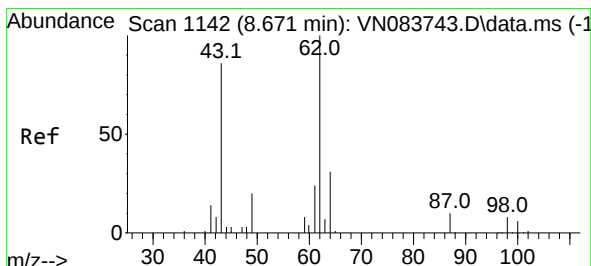
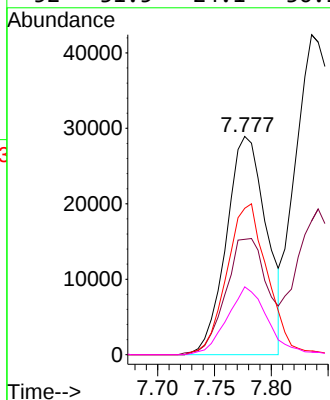
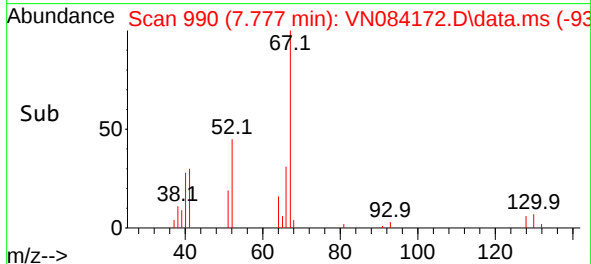


#41  
Methacrylonitrile  
Concen: 51.314 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Instrument :  
MSVOA\_N  
ClientSampleId :

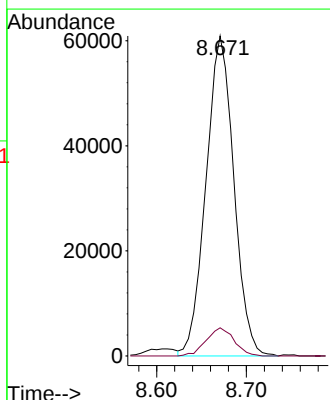
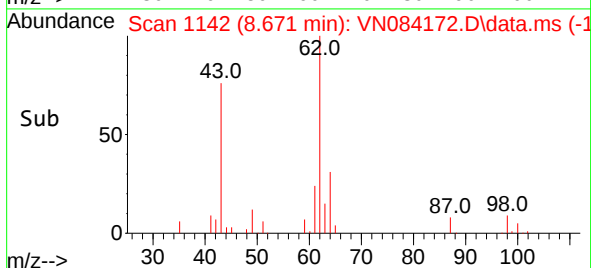
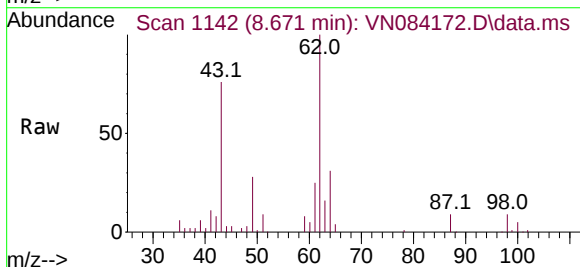


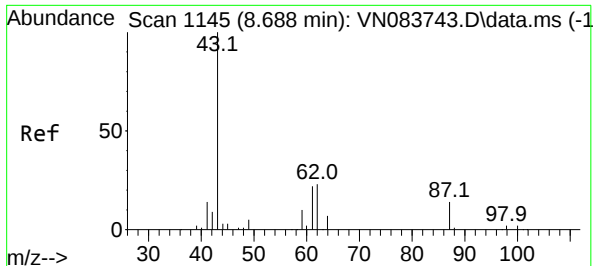
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 71077 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.7  | 45.4  | 68.2  |
| 67       | 70.4  | 55.9  | 83.9  |
| 52       | 31.5  | 24.1  | 36.1  |



#42  
1,2-Dichloroethane  
Concen: 45.304 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 131460 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.8   | 0.0   | 16.6   |

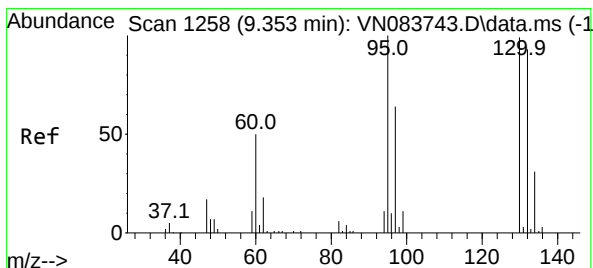
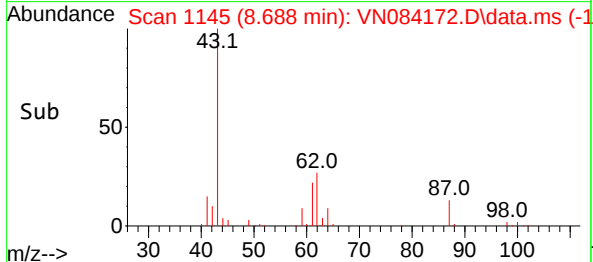
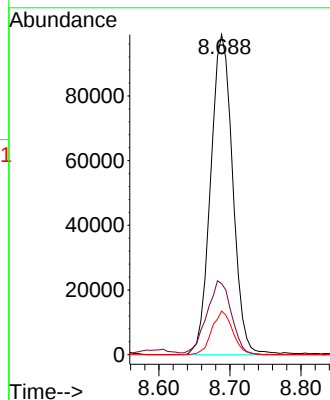
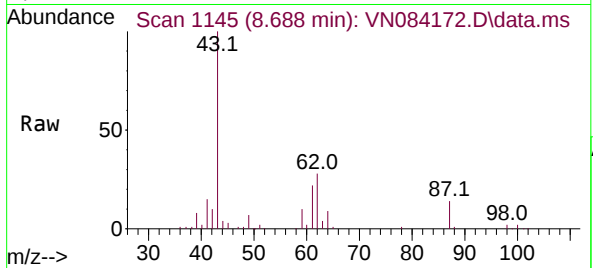




#43  
Isopropyl Acetate  
Concen: 50.174 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

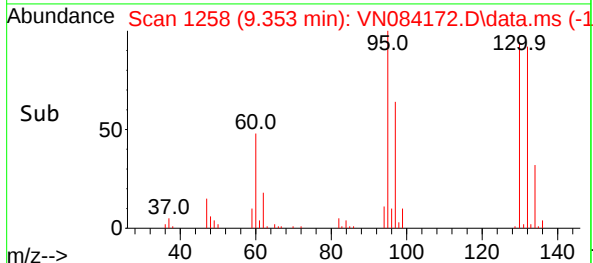
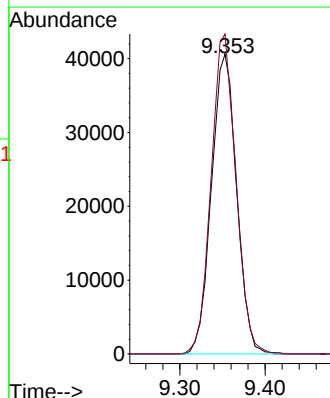
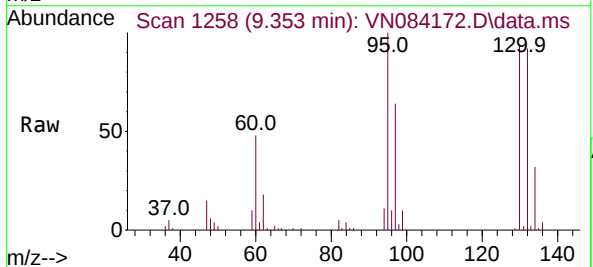
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 212931  
Ion Ratio Lower Upper  
43 100  
61 26.0 19.4 29.0  
87 12.9 9.8 14.6



#44  
Trichloroethene  
Concen: 46.374 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion:130 Resp: 83396  
Ion Ratio Lower Upper  
130 100  
95 106.7 0.0 200.4





#45

1,2-Dichloropropane

Concen: 49.693 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA\_N

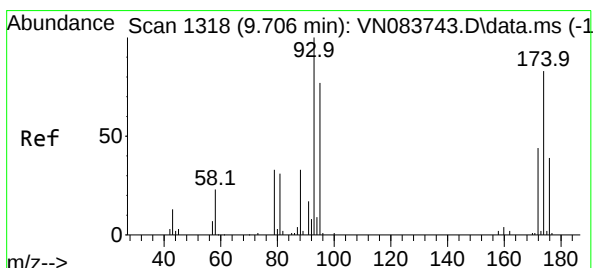
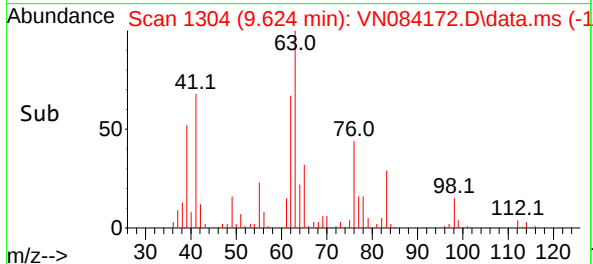
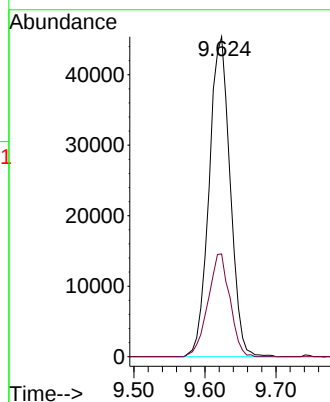
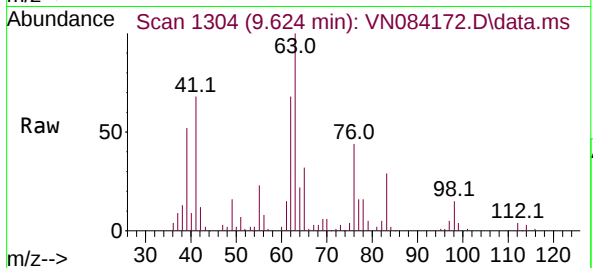
ClientSampleId :

Tgt Ion: 63 Resp: 93270

Ion Ratio Lower Upper

63 100

65 32.1 25.9 38.9



#46

Dibromomethane

Concen: 49.683 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

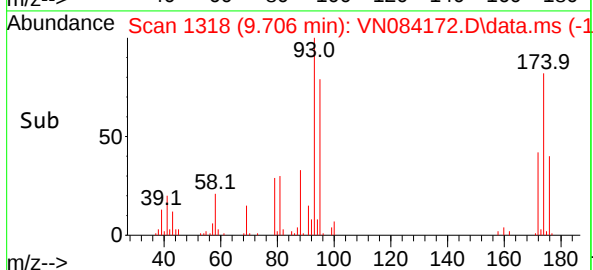
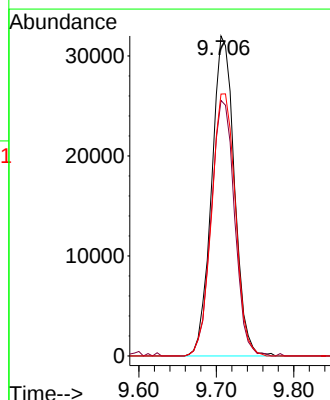
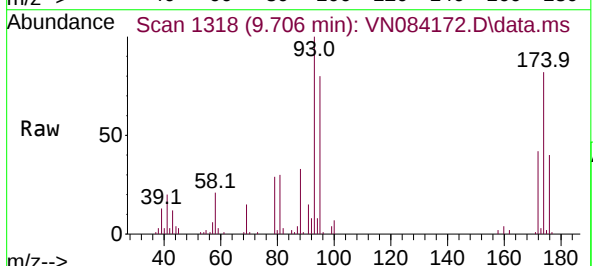
Tgt Ion: 93 Resp: 65316

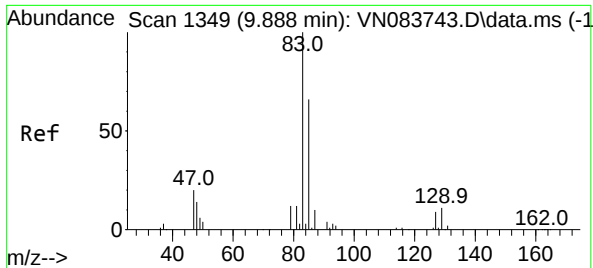
Ion Ratio Lower Upper

93 100

95 81.8 65.3 97.9

174 85.6 71.0 106.4

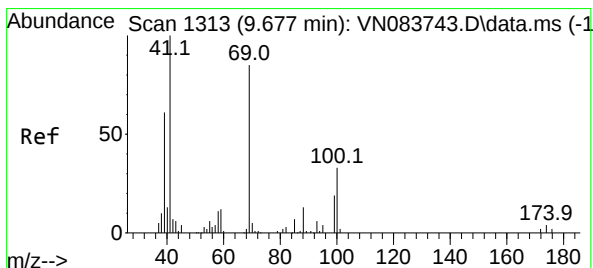
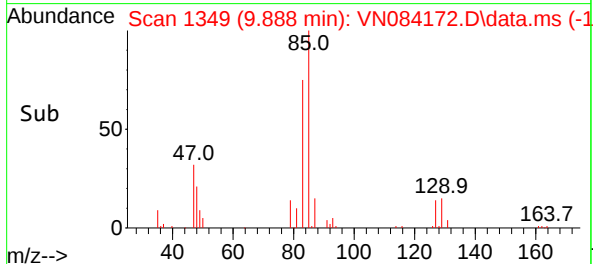
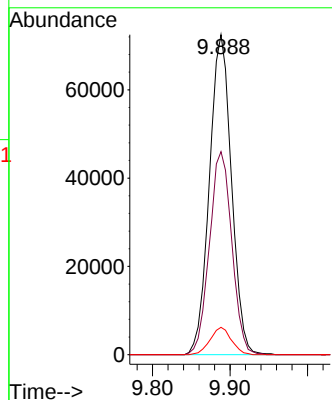
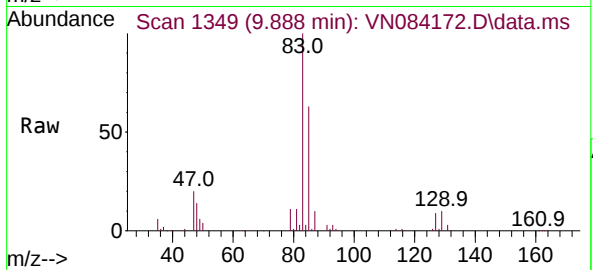




#47  
Bromodichloromethane  
Concen: 50.283 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

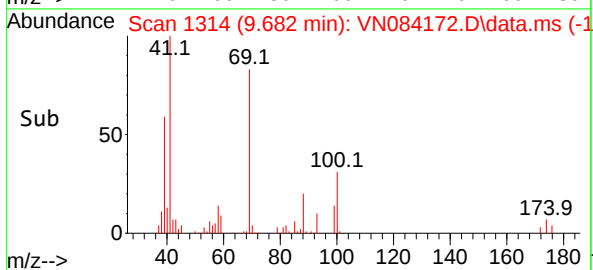
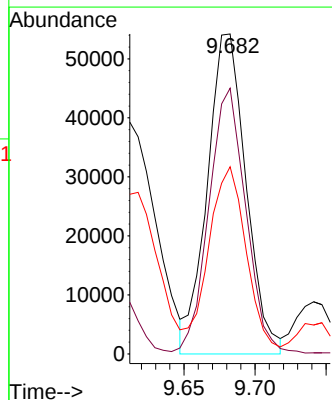
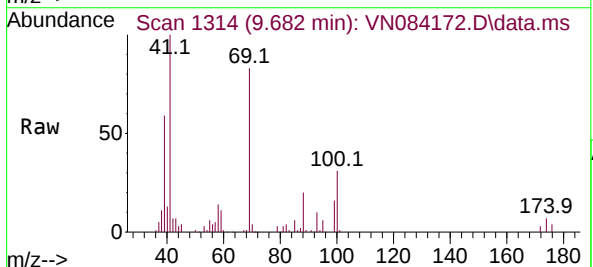
Instrument :  
MSVOA\_N  
ClientSampleId :

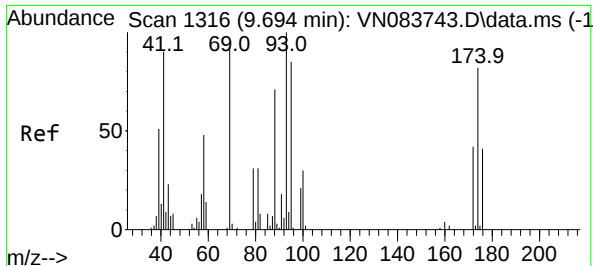
Tgt Ion: 83 Resp: 143064  
Ion Ratio Lower Upper  
83 100  
85 63.4 51.8 77.8  
127 8.6 6.6 9.8



#48  
Methyl methacrylate  
Concen: 51.112 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

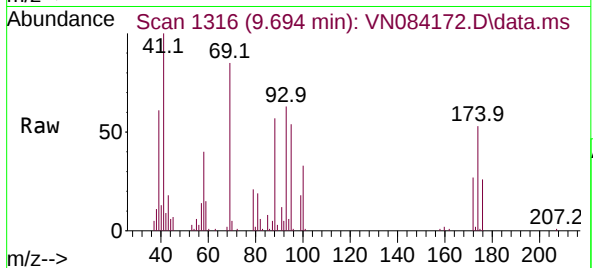
Tgt Ion: 41 Resp: 102913  
Ion Ratio Lower Upper  
41 100  
69 78.7 64.3 96.5  
39 57.9 48.9 73.3



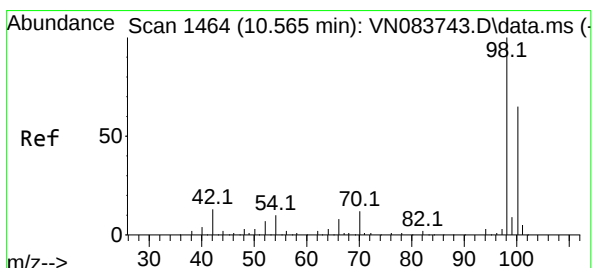
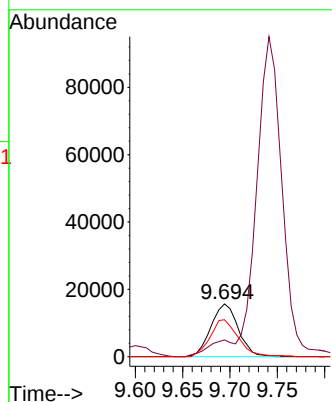
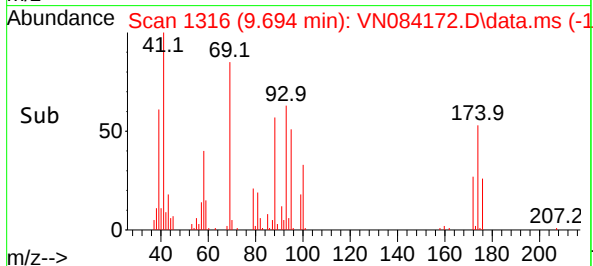


#49  
1,4-Dioxane  
Concen: 944.940 ug/l  
RT: 9.694 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Instrument :  
MSVOA\_N  
ClientSampleId :

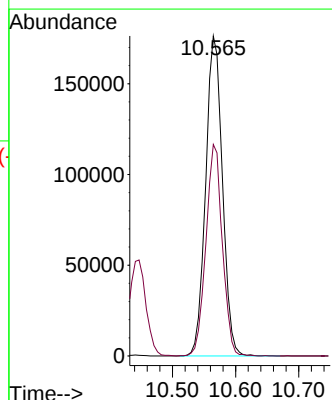
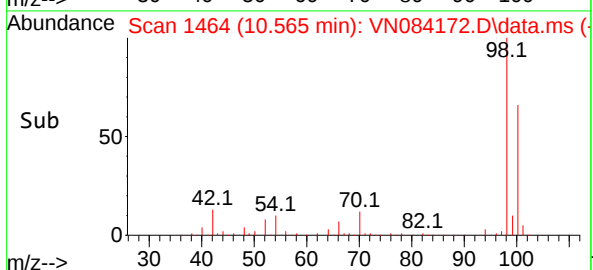
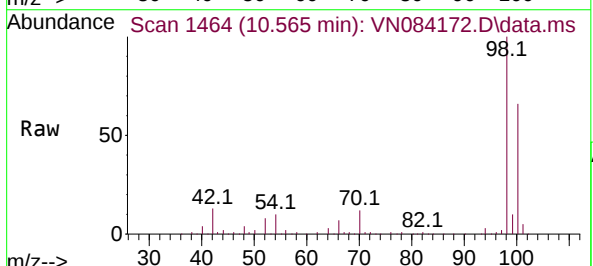


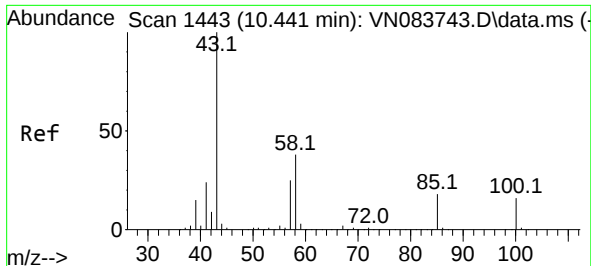
Tgt Ion: 88 Resp: 31299  
Ion Ratio Lower Upper  
88 100  
43 30.9 0.0 0.0#  
58 73.2 57.1 85.7



#50  
Toluene-d8  
Concen: 54.939 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion: 98 Resp: 325567  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.0 78.0

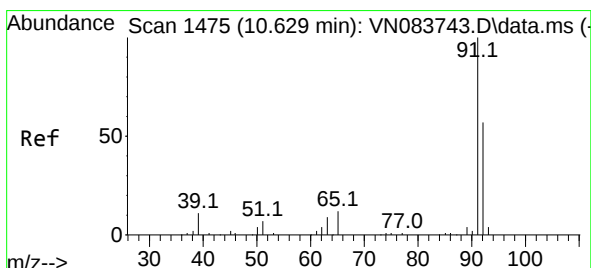
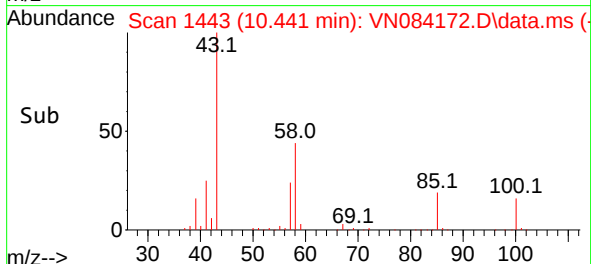
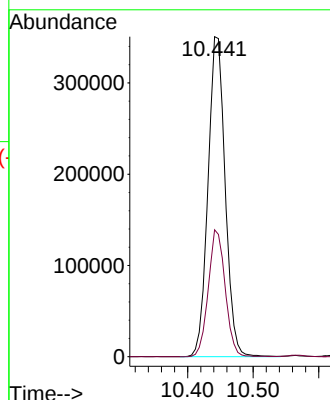
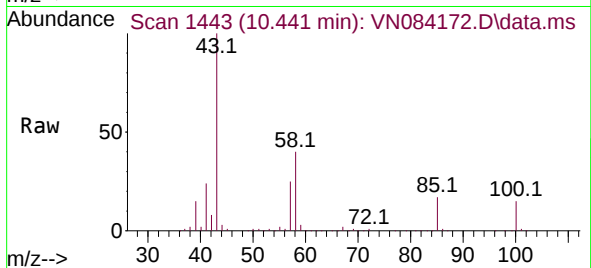




#51  
4-Methyl-2-Pentanone  
Concen: 276.959 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

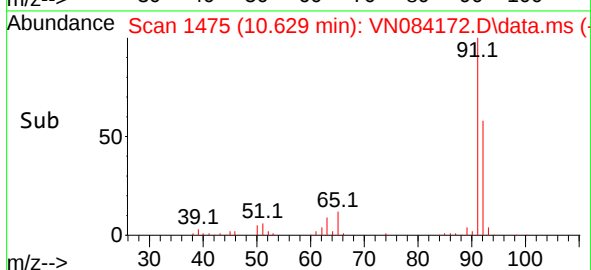
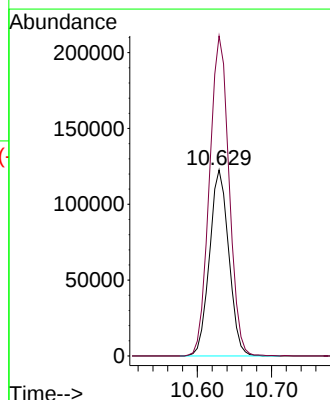
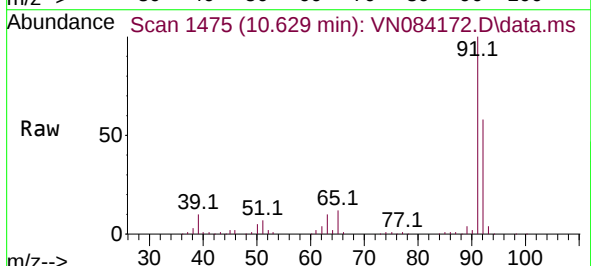
Instrument :  
MSVOA\_N  
ClientSampleId :

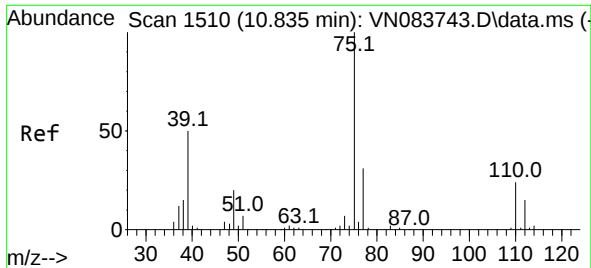
Tgt Ion: 43 Resp: 639819  
Ion Ratio Lower Upper  
43 100  
58 39.0 31.6 47.4



#52  
Toluene  
Concen: 46.630 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion: 92 Resp: 221492  
Ion Ratio Lower Upper  
92 100  
91 175.5 134.7 202.1

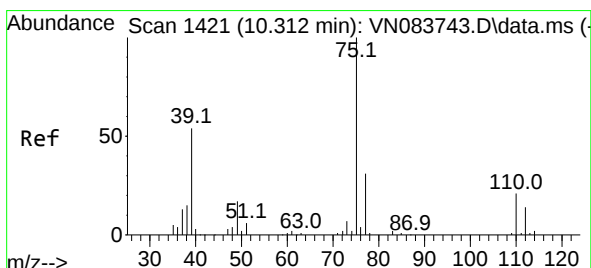
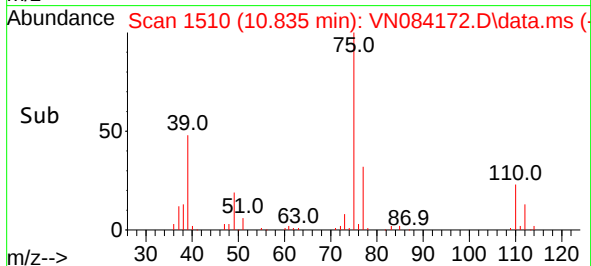
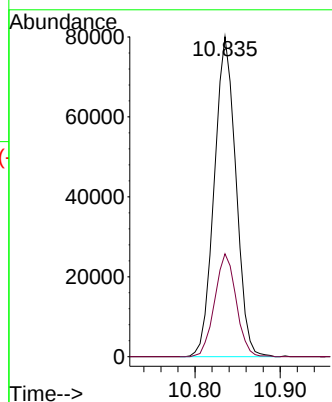
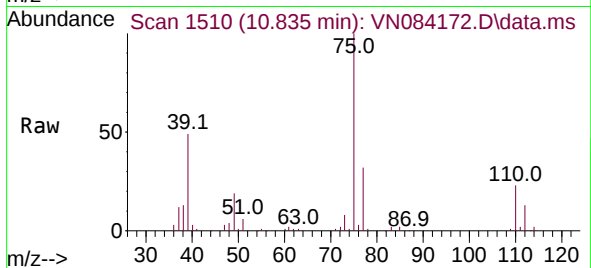




#53  
t-1,3-Dichloropropene  
Concen: 48.898 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

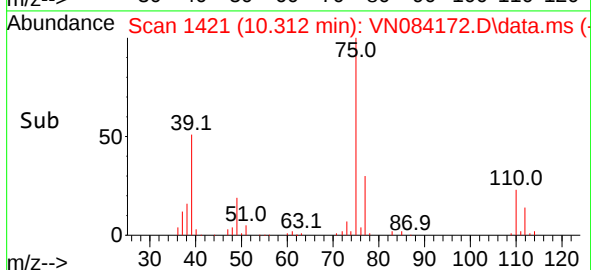
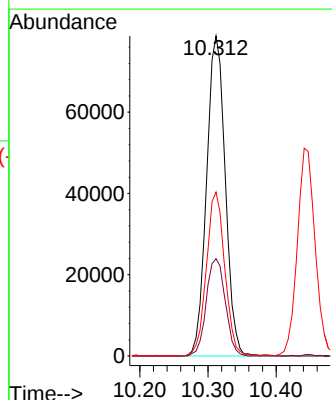
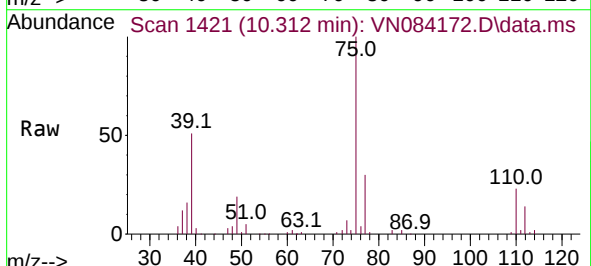
Instrument :  
MSVOA\_N  
ClientSampleId :

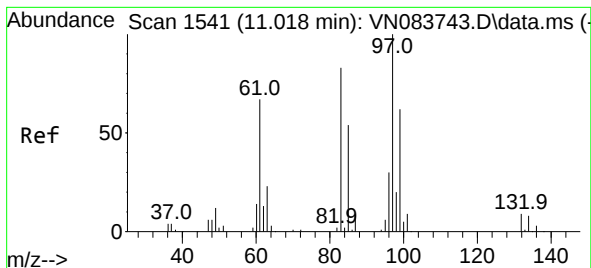
Tgt Ion: 75 Resp: 141018  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.8 38.6



#54  
cis-1,3-Dichloropropene  
Concen: 49.542 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion: 75 Resp: 150081  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.0 37.6  
39 51.2 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 50.364 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

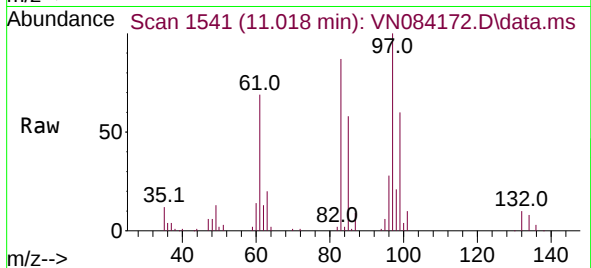
Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 89311

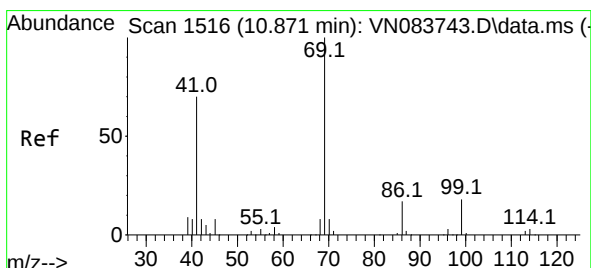
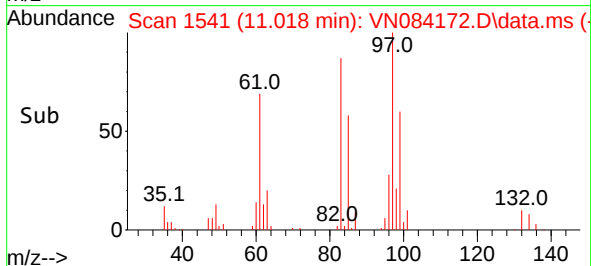
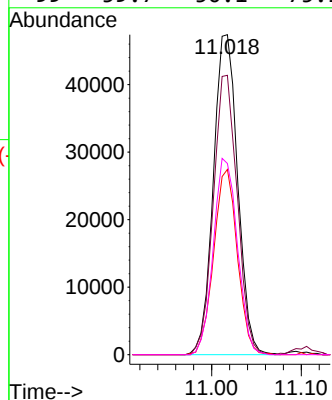
Ion Ratio Lower Upper

97 100

83 87.3 67.5 101.3

85 57.9 44.2 66.2

99 59.7 50.1 75.1



#56

Ethyl methacrylate

Concen: 54.625 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

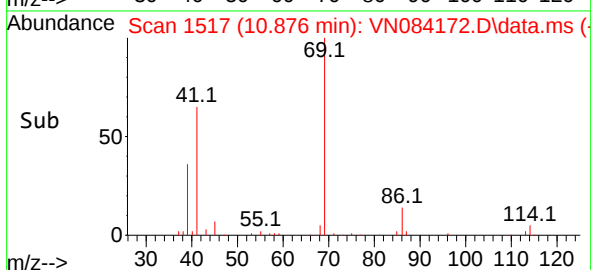
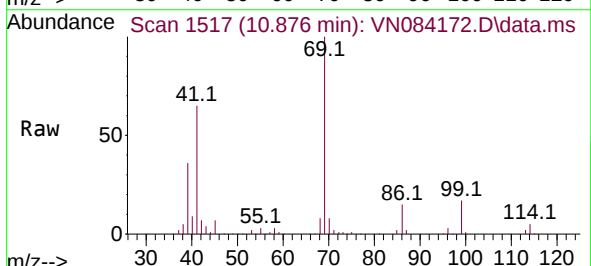
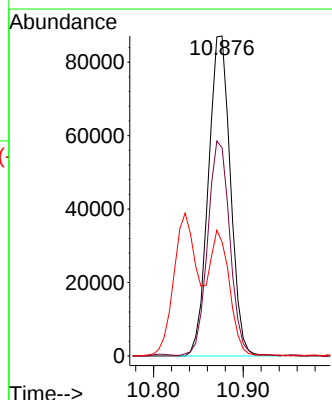
Tgt Ion: 69 Resp: 149035

Ion Ratio Lower Upper

69 100

41 66.8 53.9 80.9

39 37.7 32.6 48.8





#57

1,3-Dichloropropane

Concen: 50.294 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA\_N

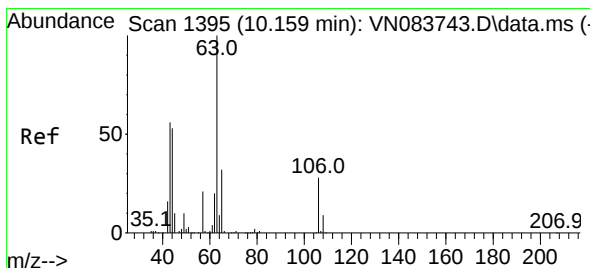
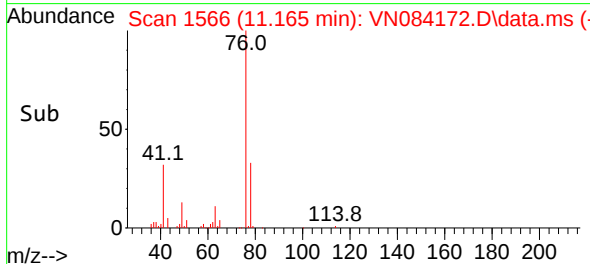
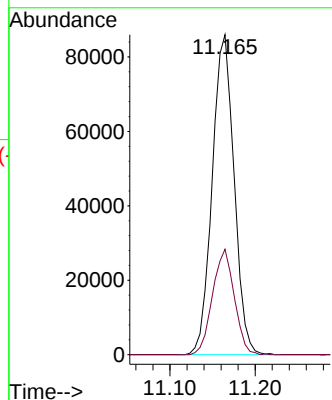
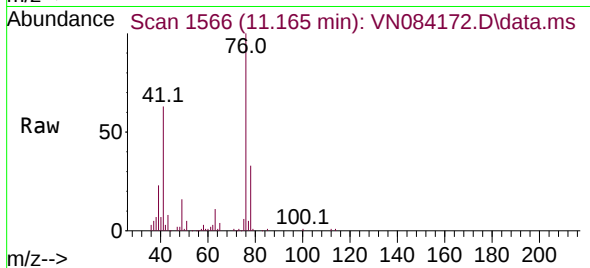
ClientSampleId :

Tgt Ion: 76 Resp: 153286

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 310.202 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084172.D

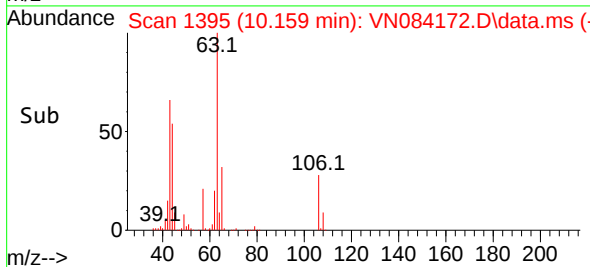
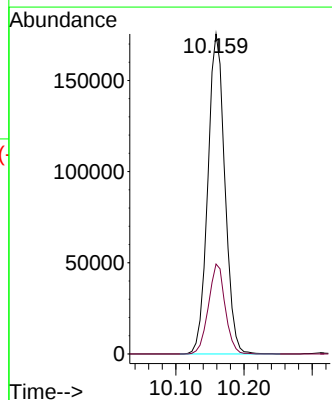
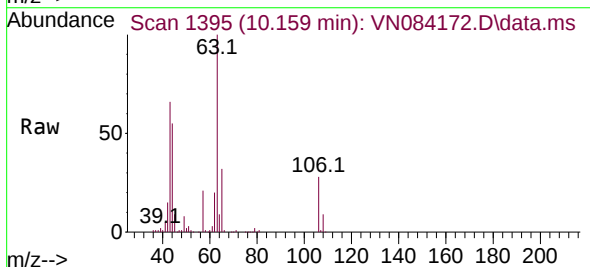
Acq: 25 Sep 2024 20:11

Tgt Ion: 63 Resp: 304953

Ion Ratio Lower Upper

63 100

106 27.5 23.3 34.9

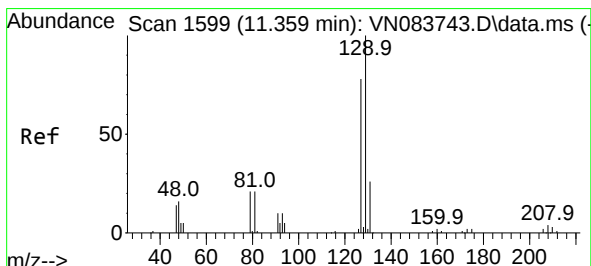
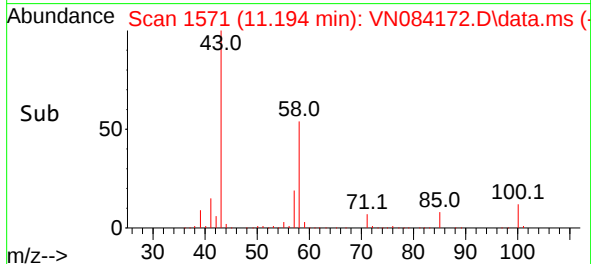
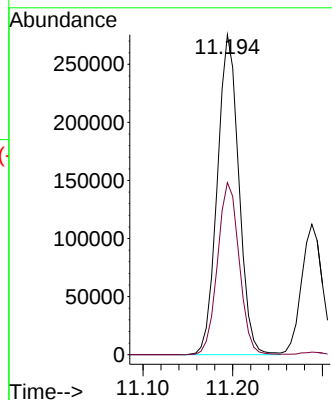
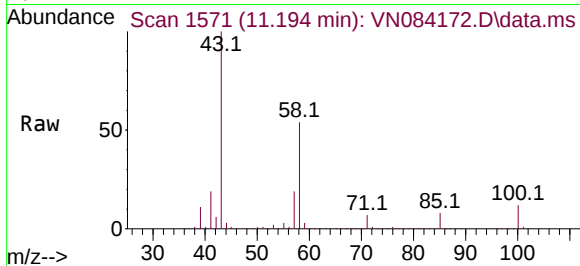




#59  
2-Hexanone  
Concen: 268.446 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

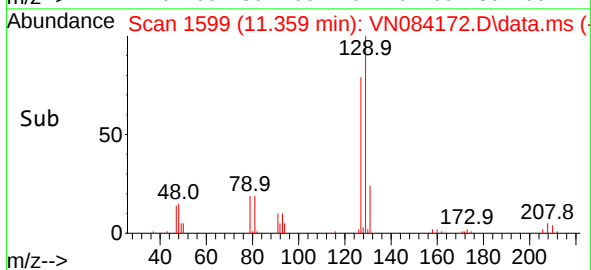
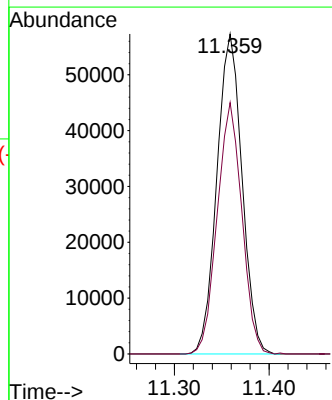
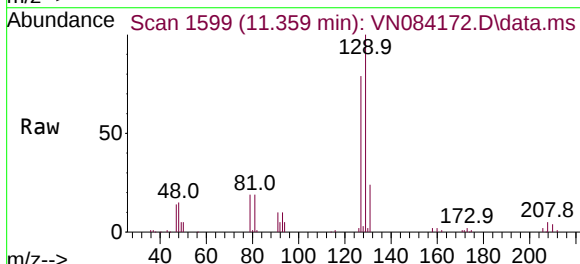
Instrument :  
MSVOA\_N  
ClientSampleId :

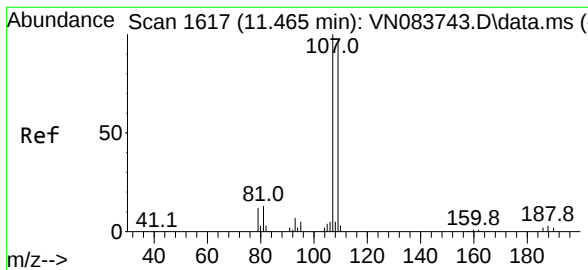
Tgt Ion: 43 Resp: 458743  
Ion Ratio Lower Upper  
43 100  
58 54.0 27.2 81.5



#60  
Dibromochloromethane  
Concen: 53.326 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion:129 Resp: 105830  
Ion Ratio Lower Upper  
129 100  
127 76.9 39.0 116.9

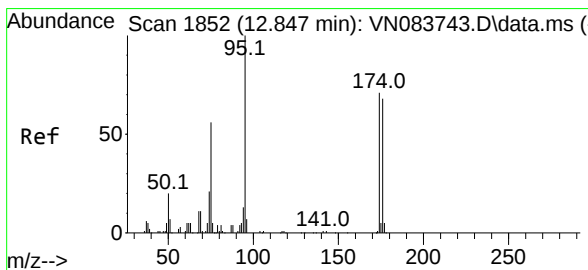
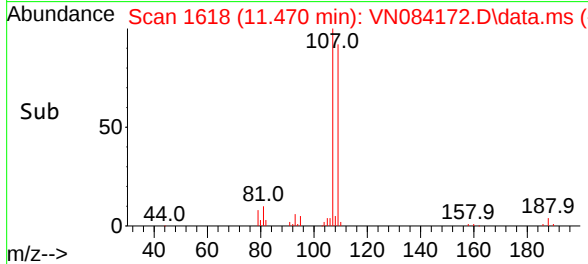
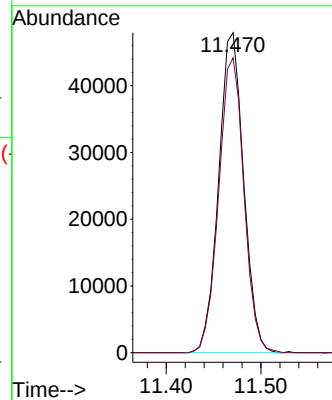
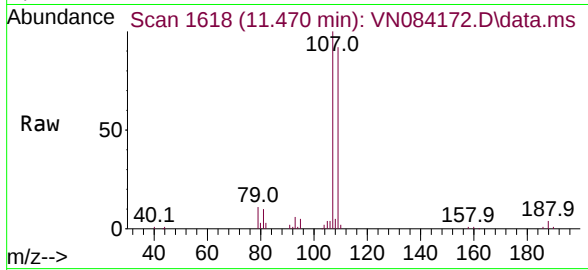




#61  
1,2-Dibromoethane  
Concen: 49.647 ug/l  
RT: 11.470 min Scan# 1617  
Delta R.T. 0.006 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

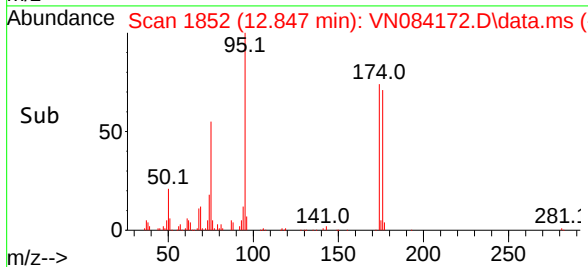
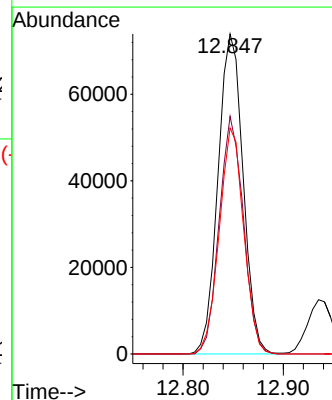
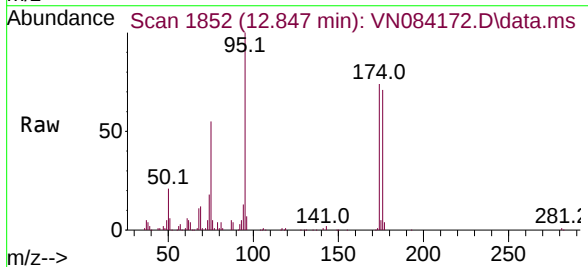
Instrument :  
MSVOA\_N  
ClientSampleId :

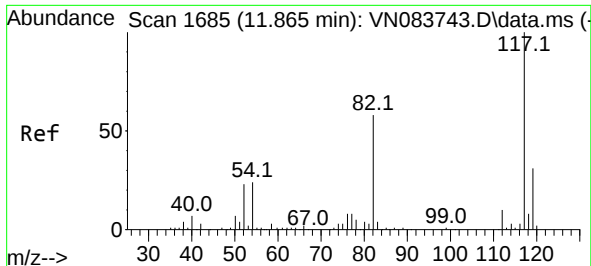
Tgt Ion:107 Resp: 87804  
Ion Ratio Lower Upper  
107 100  
109 93.1 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 52.414 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion: 95 Resp: 128146  
Ion Ratio Lower Upper  
95 100  
174 71.4 0.0 139.8  
176 69.0 0.0 131.4

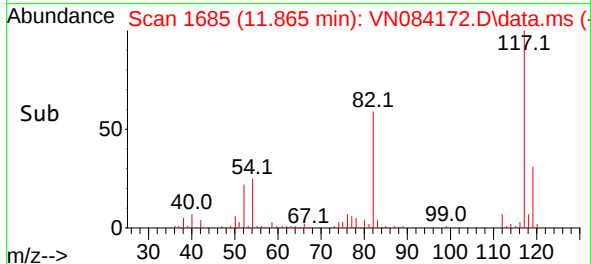
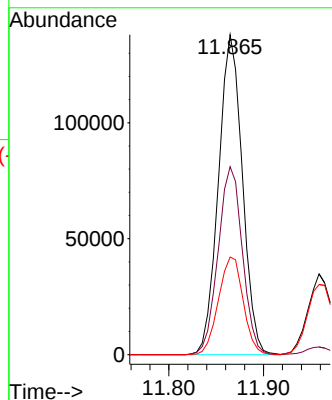
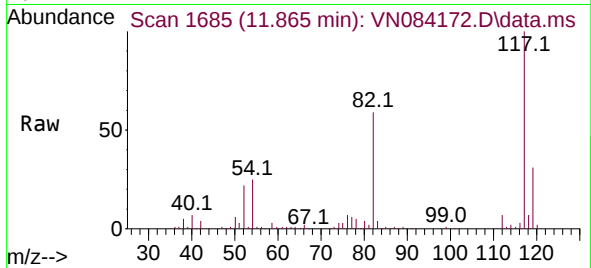




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

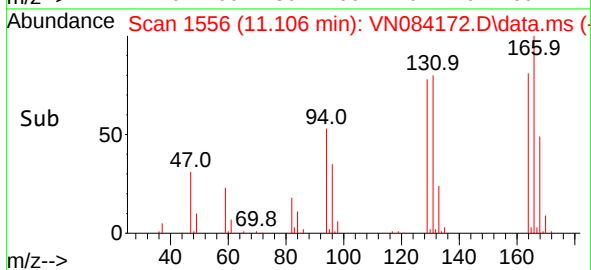
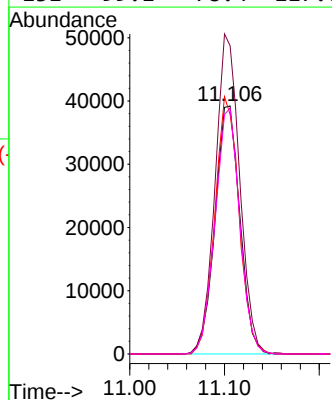
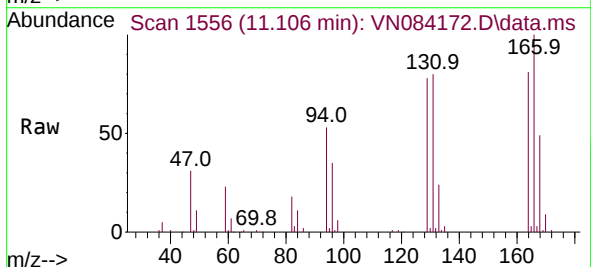
Instrument :  
MSVOA\_N  
ClientSampleId :

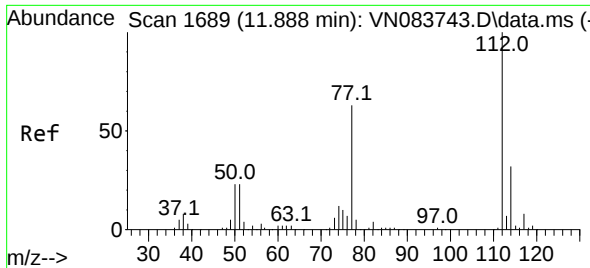
Tgt Ion:117 Resp: 242417  
Ion Ratio Lower Upper  
117 100  
82 58.7 47.4 71.0  
119 30.5 26.3 39.5



#64  
Tetrachloroethene  
Concen: 44.384 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion:164 Resp: 71553  
Ion Ratio Lower Upper  
164 100  
166 124.2 103.7 155.5  
129 96.5 79.9 119.9  
131 99.1 78.4 117.6

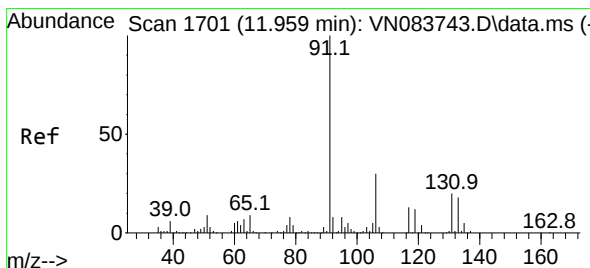
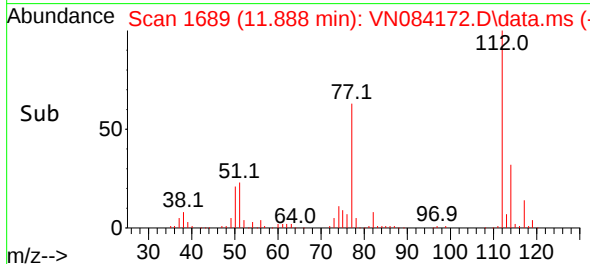
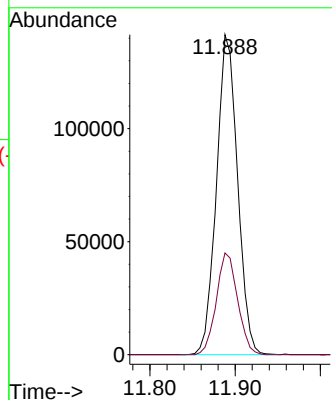
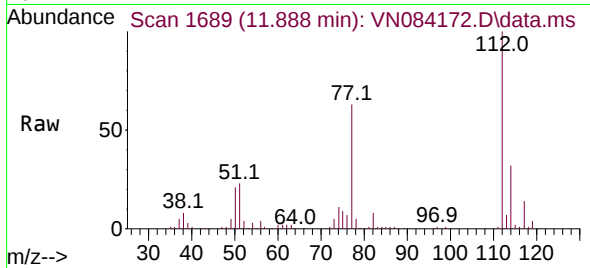




#65  
Chlorobenzene  
Concen: 45.192 ug/l  
RT: 11.888 min Scan# 112  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

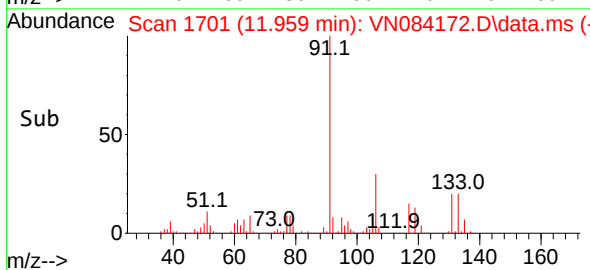
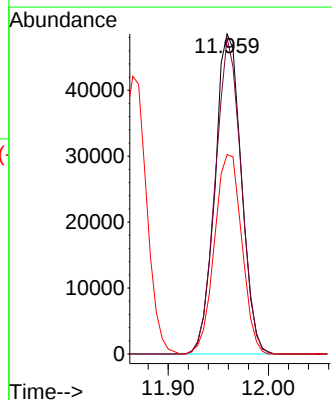
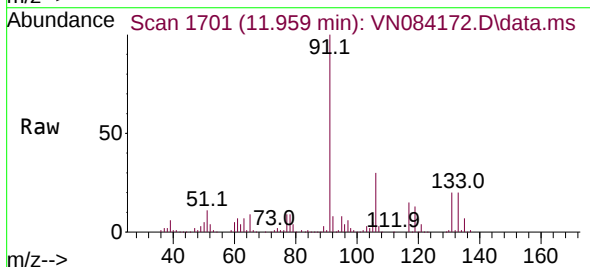
Instrument :  
MSVOA\_N  
ClientSampleId :

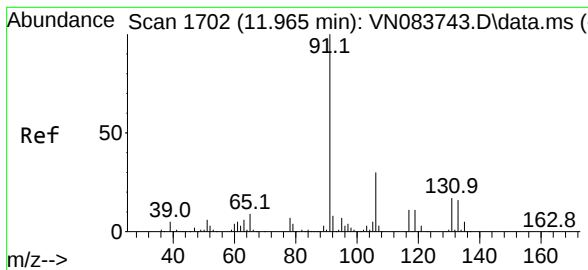
Tgt Ion:112 Resp: 243487  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.449 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion:131 Resp: 88626  
Ion Ratio Lower Upper  
131 100  
133 96.9 47.5 142.6  
119 64.7 31.6 94.8

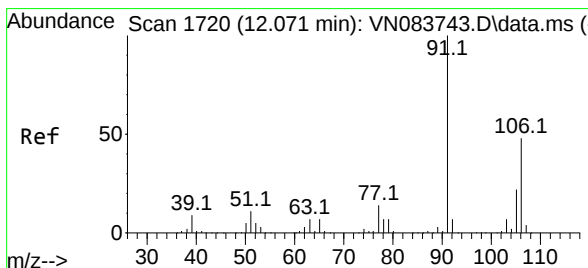
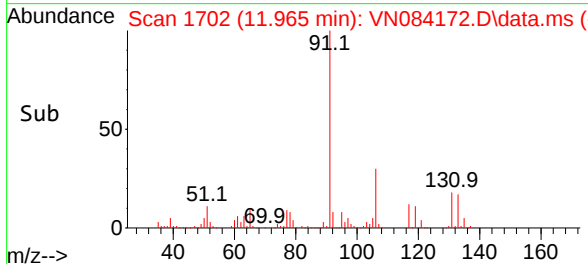
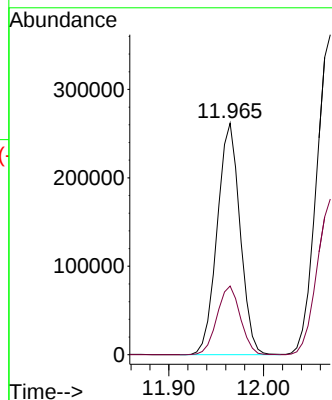
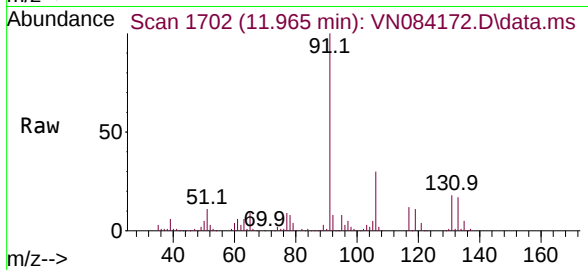




#67  
Ethyl Benzene  
Concen: 45.885 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

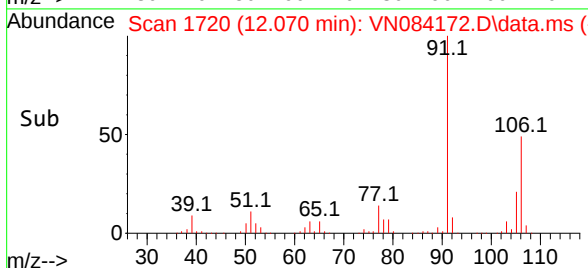
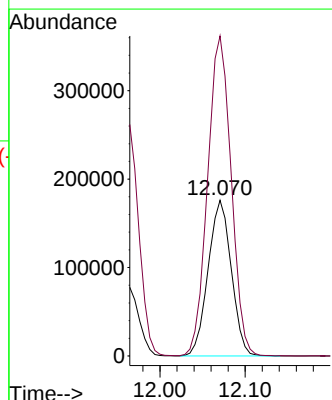
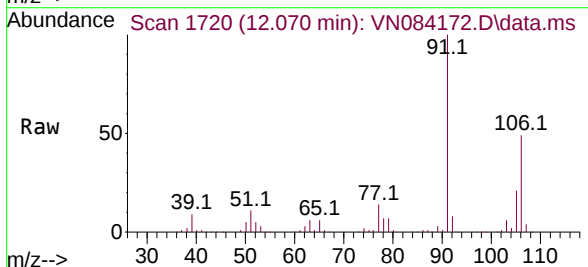
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 91 Resp: 439174  
Ion Ratio Lower Upper  
91 100  
106 29.7 24.3 36.5



#68  
m/p-Xylenes  
Concen: 93.642 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion:106 Resp: 332748  
Ion Ratio Lower Upper  
106 100  
91 209.1 169.2 253.8

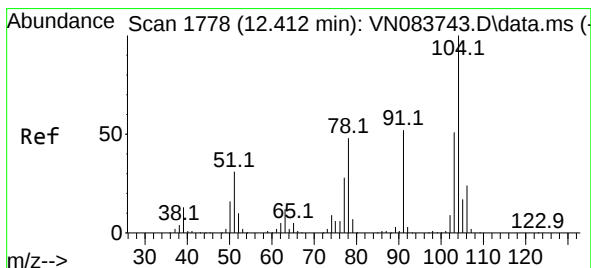
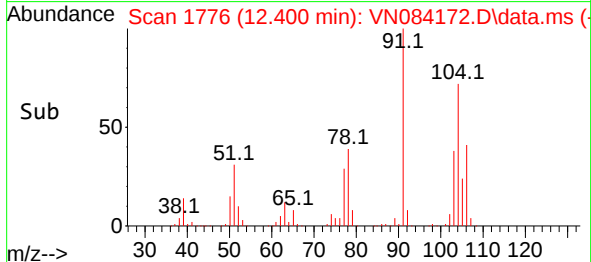
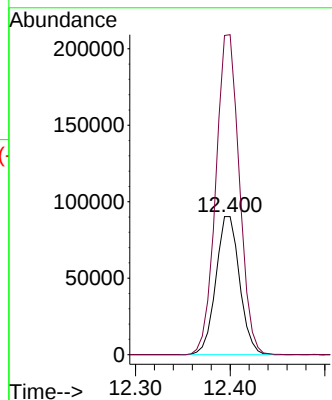
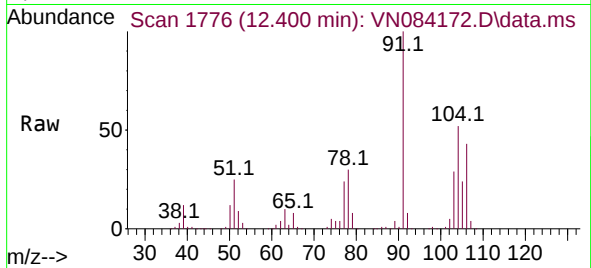




#69  
o-Xylene  
Concen: 45.719 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

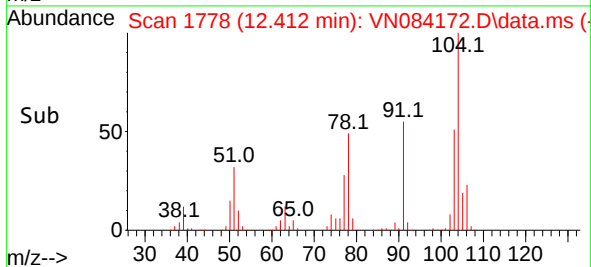
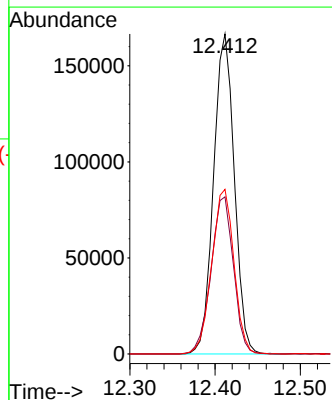
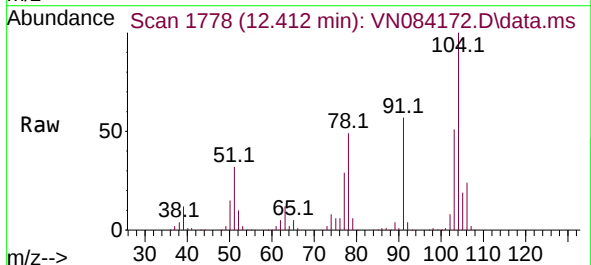
Instrument :  
MSVOA\_N  
ClientSampleId :

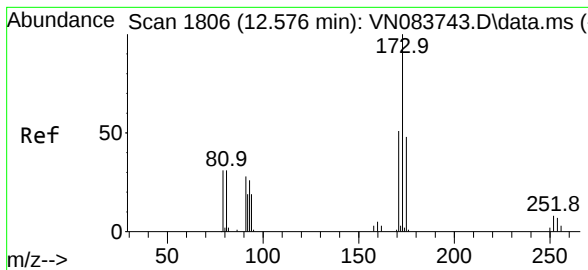
Tgt Ion:106 Resp: 157272  
Ion Ratio Lower Upper  
106 100  
91 229.5 112.9 338.6



#70  
Styrene  
Concen: 49.950 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion:104 Resp: 281993  
Ion Ratio Lower Upper  
104 100  
78 52.9 43.3 64.9  
103 55.2 43.4 65.2

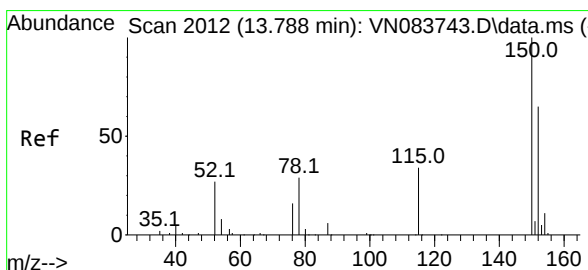
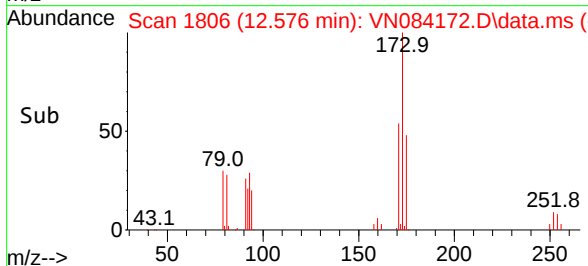
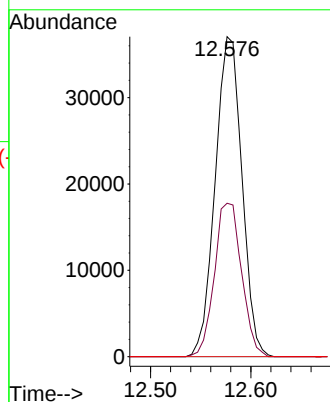
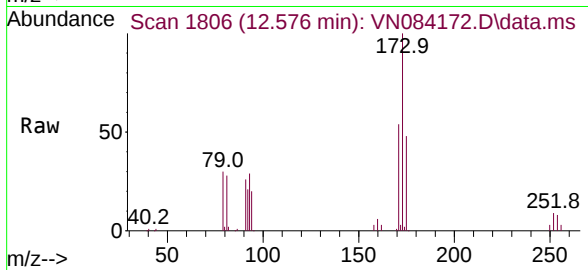




#71  
Bromoform  
Concen: 54.559 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

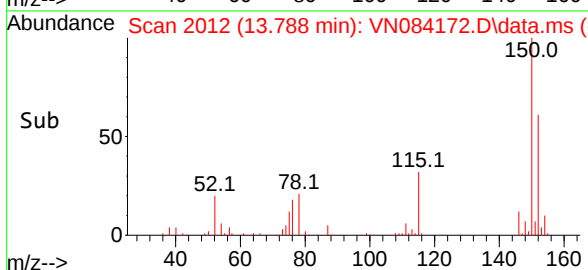
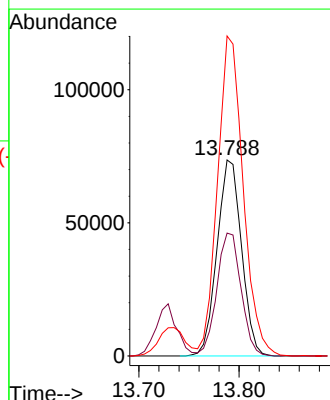
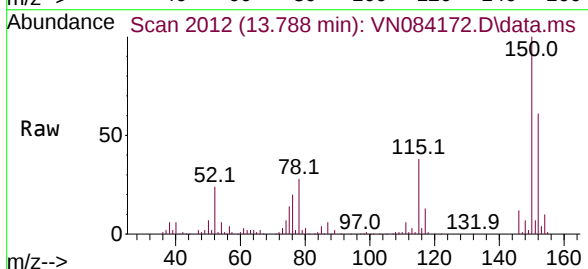
Instrument :  
MSVOA\_N  
ClientSampleId :

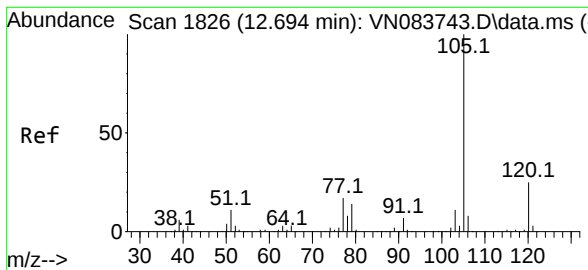
Tgt Ion:173 Resp: 68670  
Ion Ratio Lower Upper  
173 100  
175 48.7 24.1 72.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion:152 Resp: 124600  
Ion Ratio Lower Upper  
152 100  
115 62.0 32.2 96.6  
150 171.1 0.0 348.6

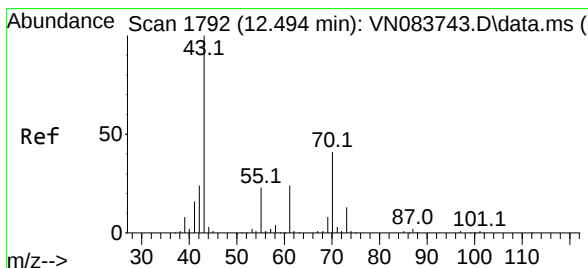
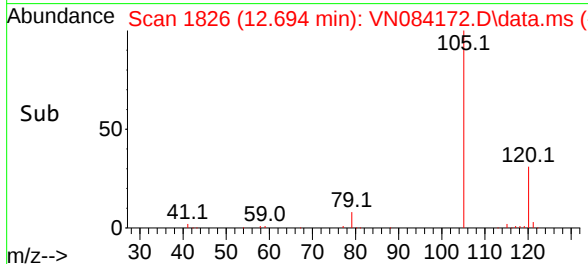
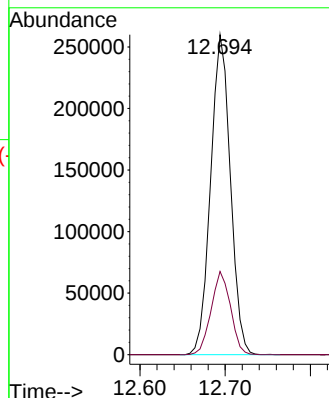
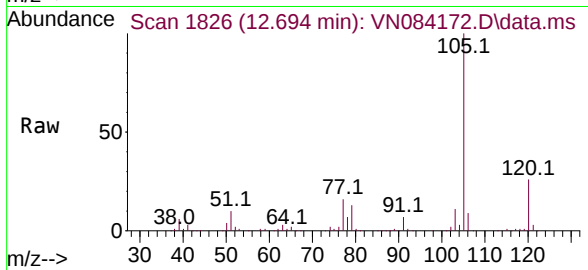




#73  
Isopropylbenzene  
Concen: 43.406 ug/l  
RT: 12.694 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

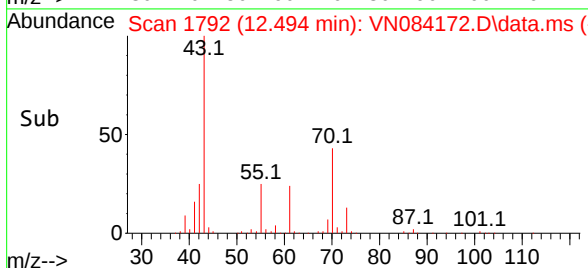
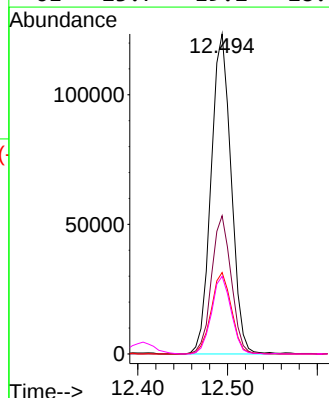
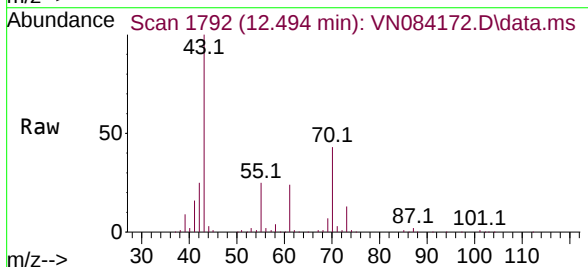
Instrument :  
MSVOA\_N  
ClientSampleId :

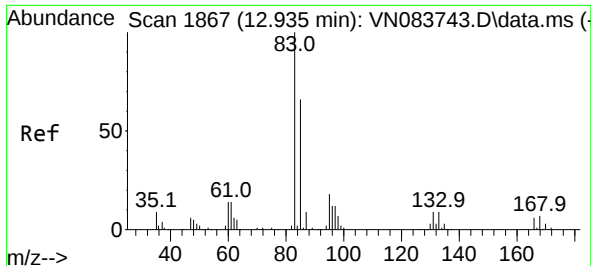
Tgt Ion:105 Resp: 418425  
Ion Ratio Lower Upper  
105 100  
120 25.5 12.6 37.8



#74  
N-ethyl acetate  
Concen: 46.707 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion: 43 Resp: 192101  
Ion Ratio Lower Upper  
43 100  
70 42.3 34.5 51.7  
55 25.6 18.6 28.0  
61 23.7 19.2 28.8

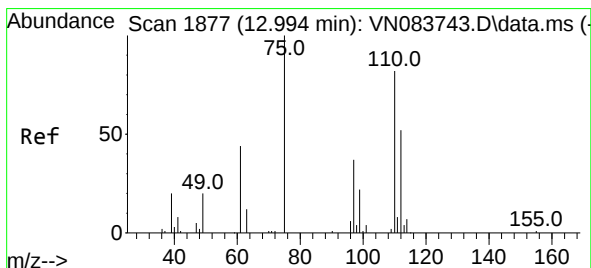
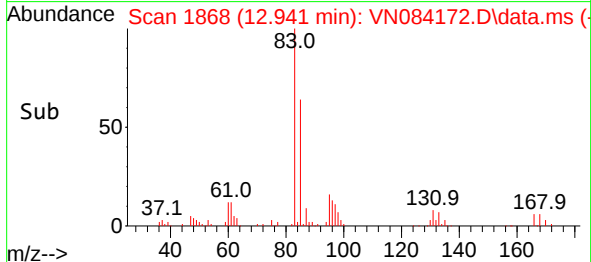
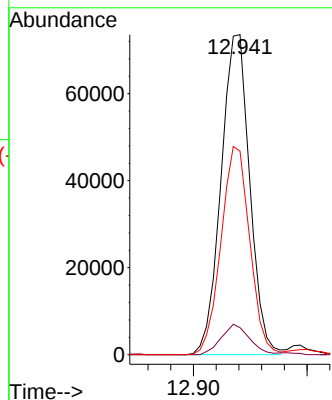
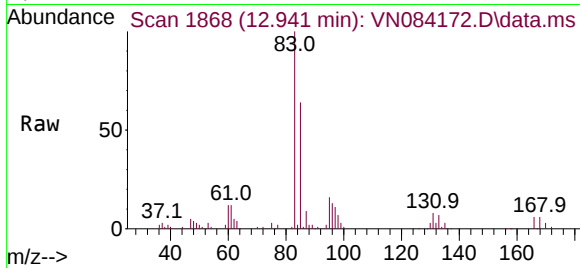




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 45.627 ug/l  
 RT: 12.941 min Scan# 1868  
 Delta R.T. 0.006 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11

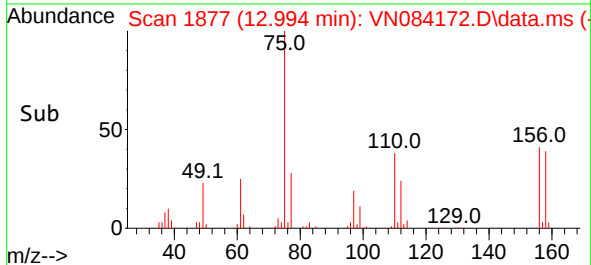
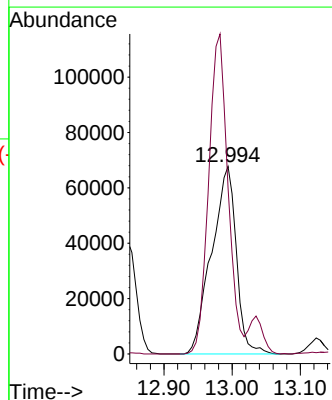
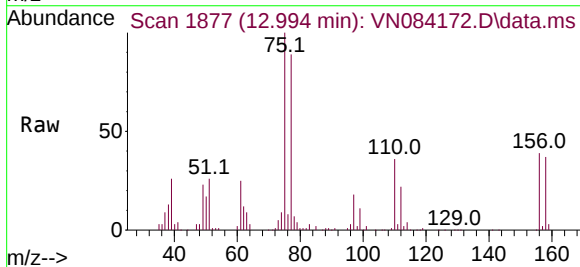
Instrument :  
 MSVOA\_N  
 ClientSampleId :

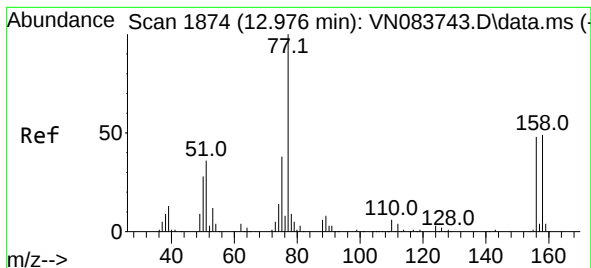
Tgt Ion: 83 Resp: 129231  
 Ion Ratio Lower Upper  
 83 100  
 131 9.7 5.2 15.6  
 85 65.1 31.9 95.9



#76  
 1,2,3-Trichloropropane  
 Concen: 67.798 ug/l  
 RT: 12.994 min Scan# 1877  
 Delta R.T. -0.000 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11

Tgt Ion: 75 Resp: 170455  
 Ion Ratio Lower Upper  
 75 100  
 77 133.4 95.2 285.6





#77

Bromobenzene

Concen: 43.284 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA\_N

ClientSampleId :

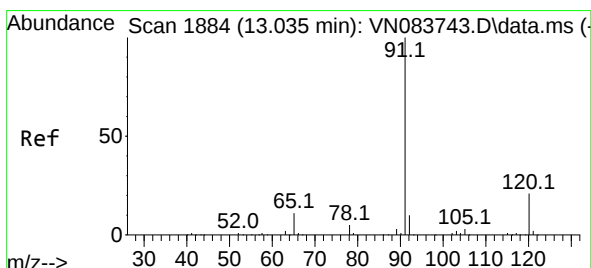
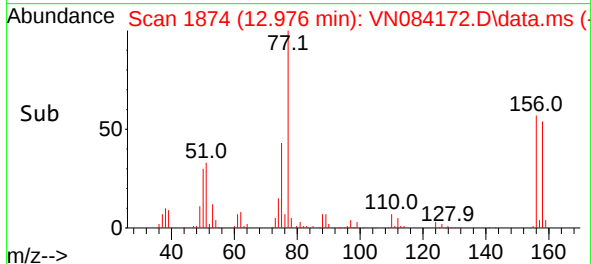
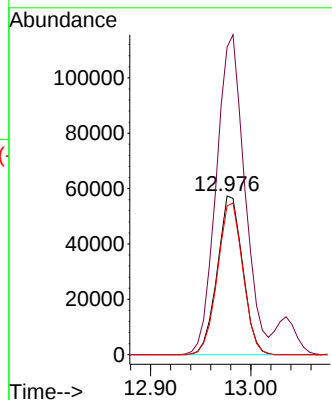
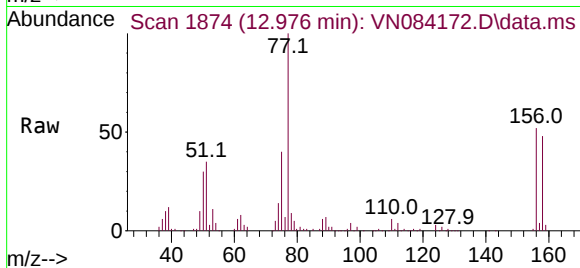
Tgt Ion:156 Resp: 100438

Ion Ratio Lower Upper

156 100

77 226.4 114.3 343.1

158 95.8 48.9 146.7



#78

n-propylbenzene

Concen: 45.337 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN084172.D

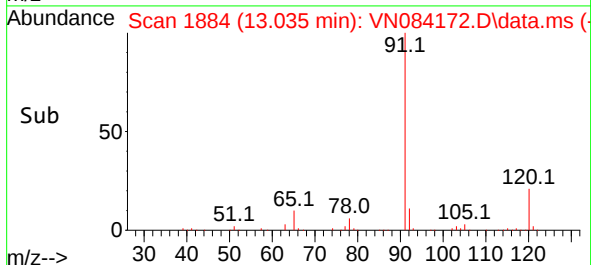
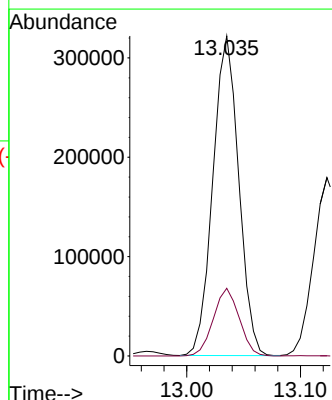
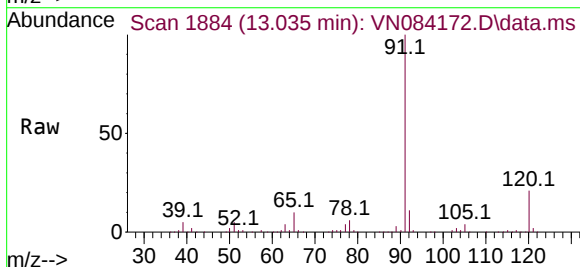
Acq: 25 Sep 2024 20:11

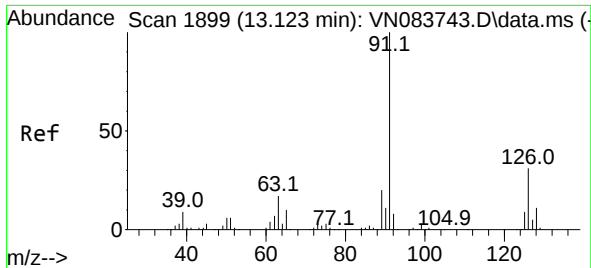
Tgt Ion: 91 Resp: 508506

Ion Ratio Lower Upper

91 100

120 21.2 11.0 33.0

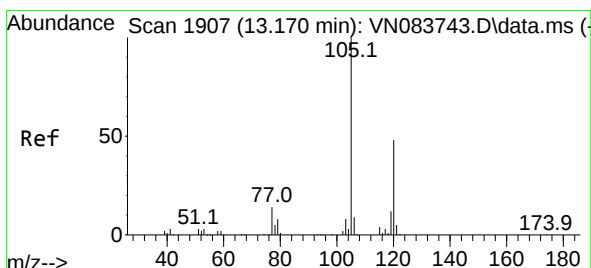
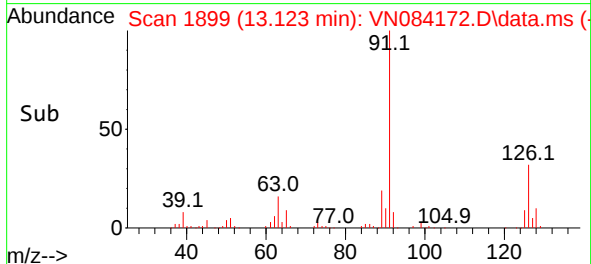
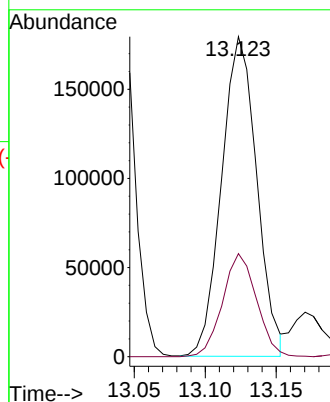
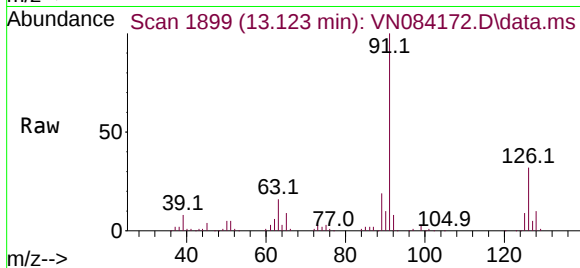




#79  
2-Chlorotoluene  
Concen: 43.147 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

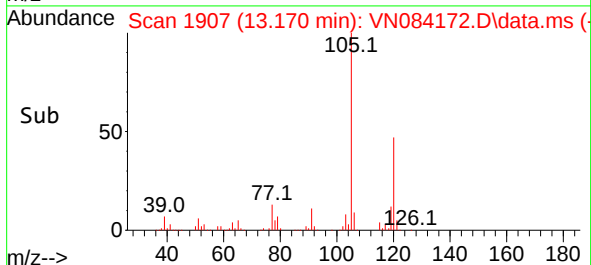
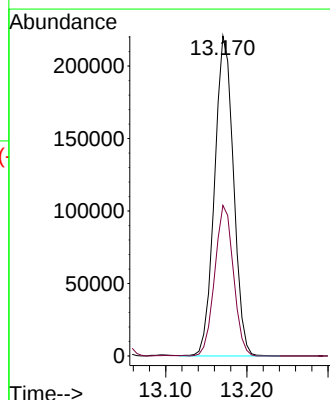
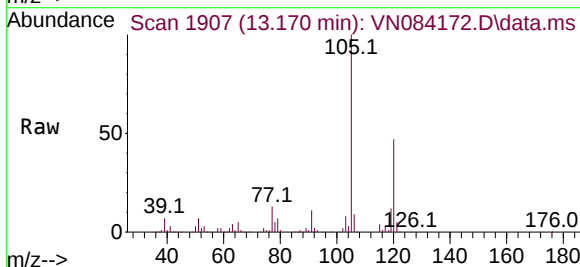
Instrument :  
MSVOA\_N  
ClientSampleId :

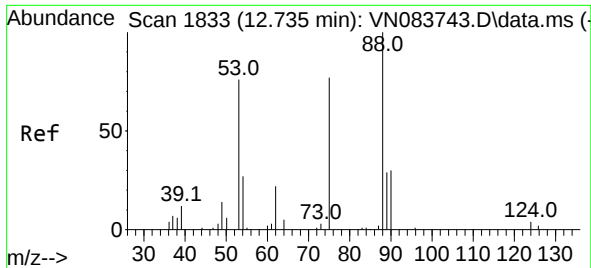
Tgt Ion: 91 Resp: 308633  
Ion Ratio Lower Upper  
91 100  
126 31.1 15.4 46.2



#80  
1,3,5-Trimethylbenzene  
Concen: 44.013 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

Tgt Ion:105 Resp: 357710  
Ion Ratio Lower Upper  
105 100  
120 46.5 23.4 70.3

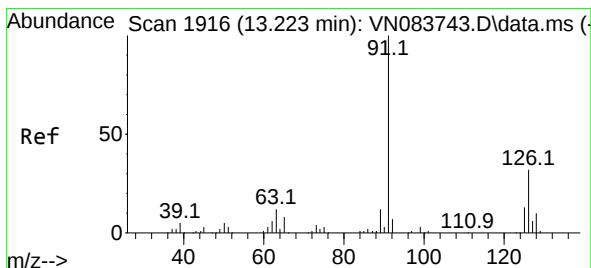
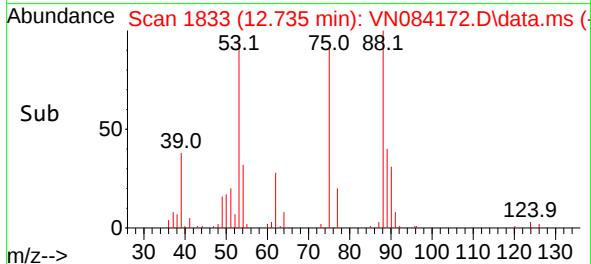
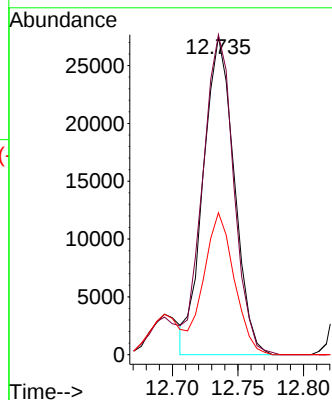
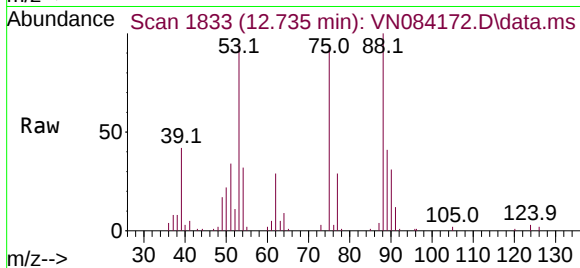




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.025 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

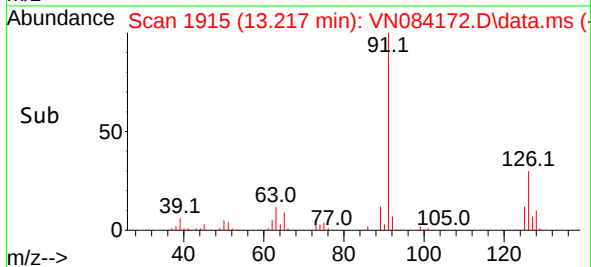
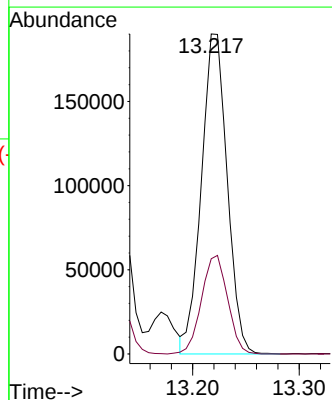
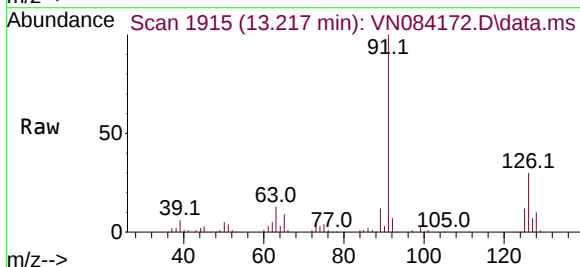
Instrument :  
MSVOA\_N  
ClientSampleId :

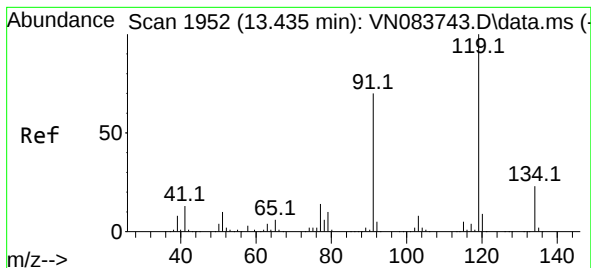
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 45142 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 100.8 | 81.2  | 121.8 |
| 89       | 43.2  | 35.7  | 53.5  |



#82  
4-Chlorotoluene  
Concen: 44.652 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.006 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 320518 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.1  | 15.4  | 46.2   |





#83

tert-Butylbenzene

Concen: 44.024 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA\_N

ClientSampleId :

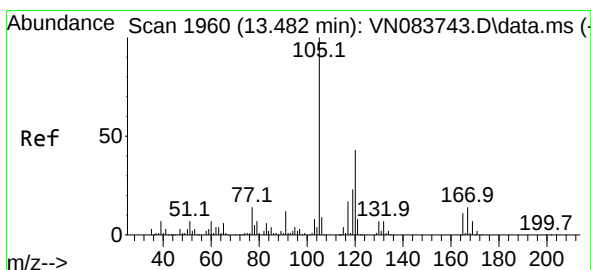
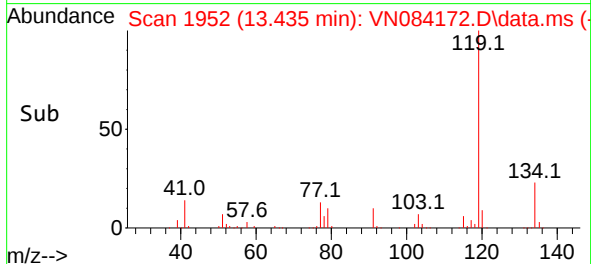
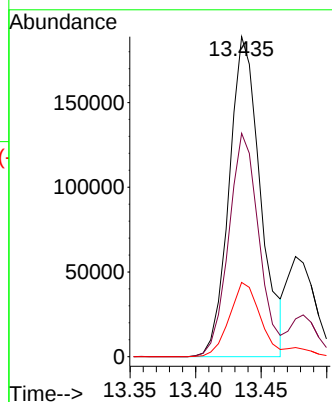
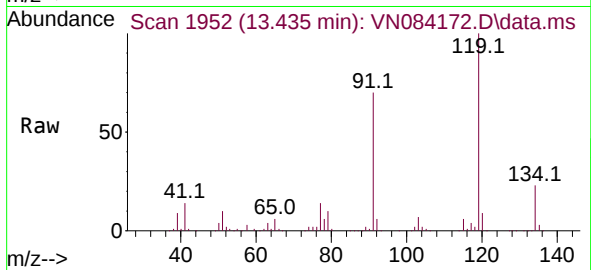
Tgt Ion:119 Resp: 313037

Ion Ratio Lower Upper

119 100

91 67.7 34.5 103.6

134 23.3 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 44.598 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084172.D

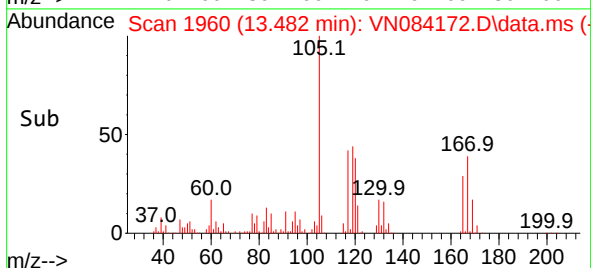
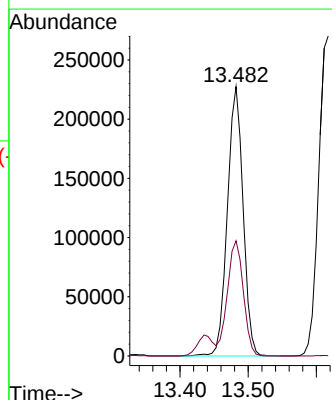
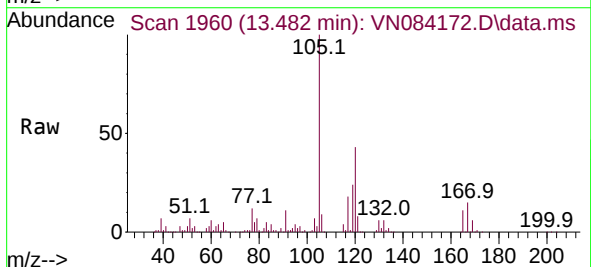
Acq: 25 Sep 2024 20:11

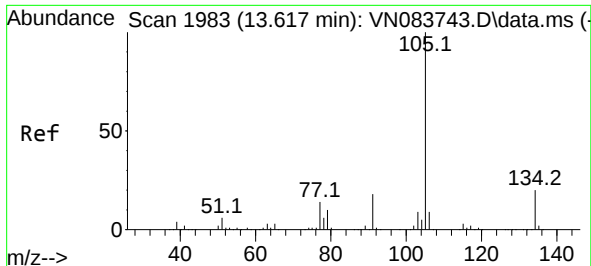
Tgt Ion:105 Resp: 364100

Ion Ratio Lower Upper

105 100

120 43.6 21.8 65.4

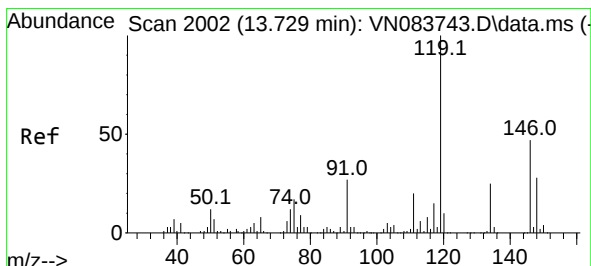
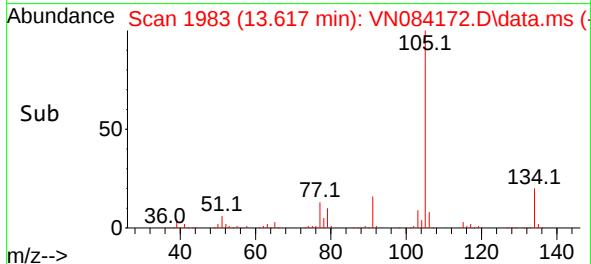
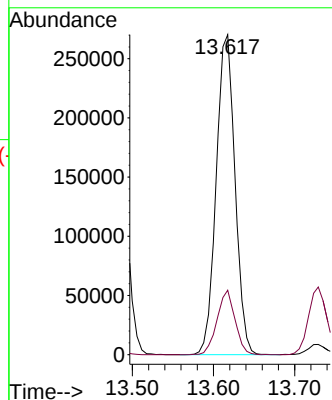
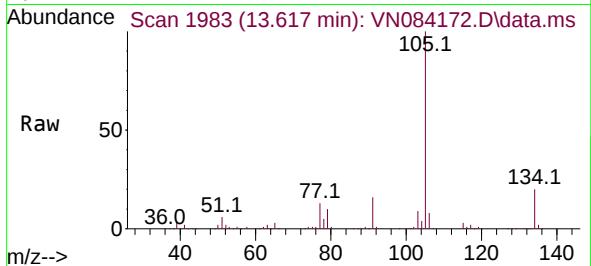




#85  
 sec-Butylbenzene  
 Concen: 46.201 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11

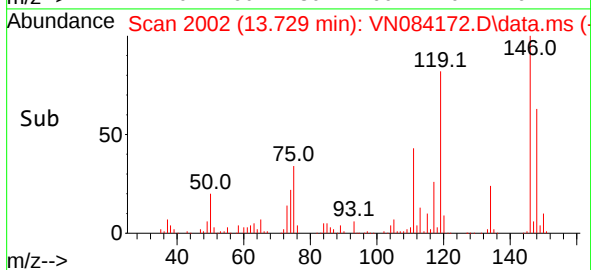
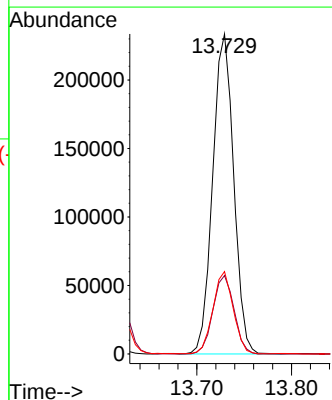
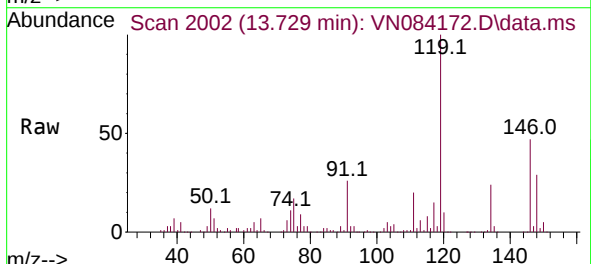
Instrument :  
 MSVOA\_N  
 ClientSampleId :

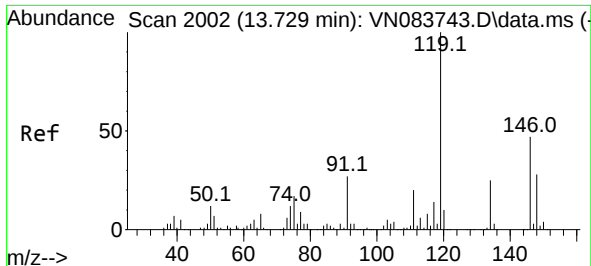
Tgt Ion:105 Resp: 435676  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 45.500 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11

Tgt Ion:119 Resp: 359675  
 Ion Ratio Lower Upper  
 119 100  
 134 24.7 12.8 38.3  
 91 24.8 12.9 38.7

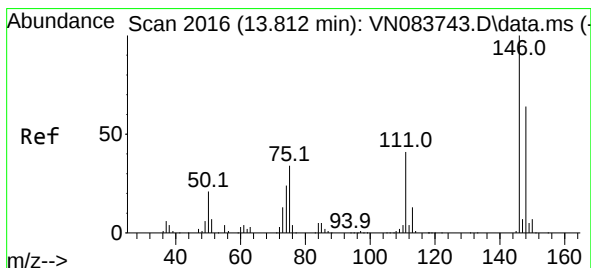
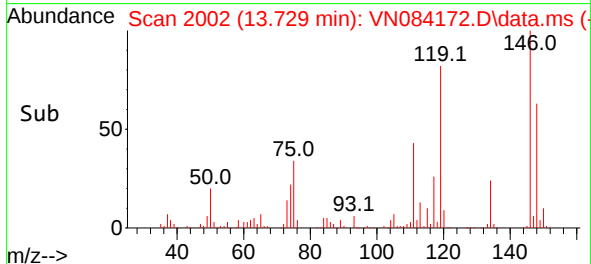
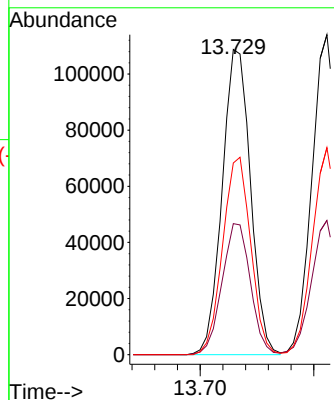
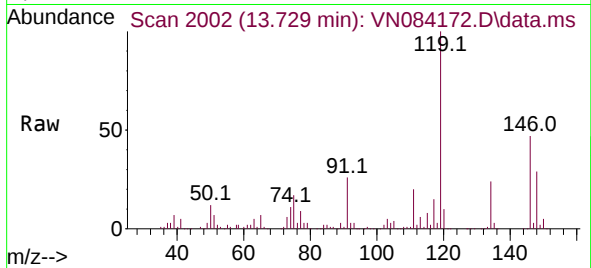




#87  
 1,3-Dichlorobenzene  
 Concen: 43.014 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11

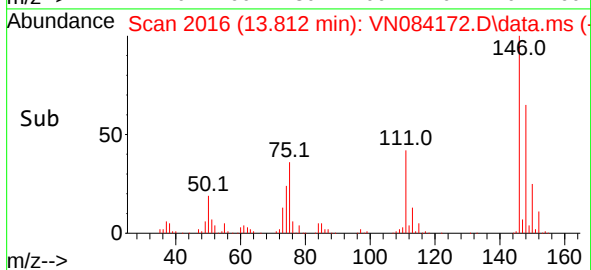
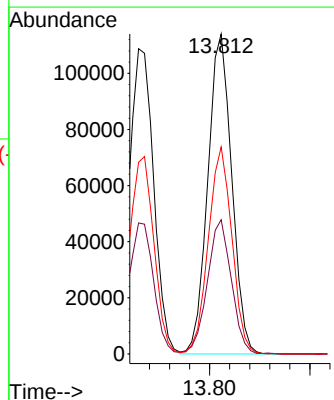
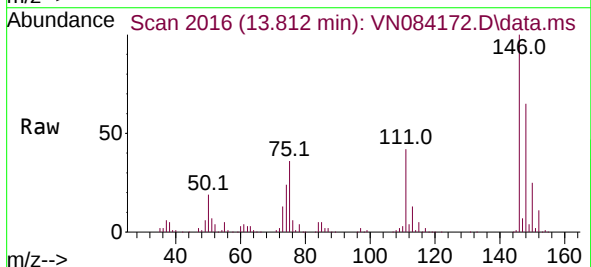
Instrument :  
 MSVOA\_N  
 ClientSampleId :

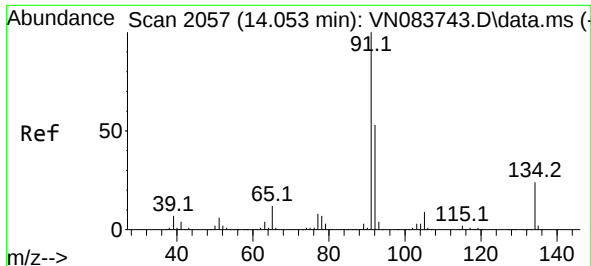
Tgt Ion:146 Resp: 188369  
 Ion Ratio Lower Upper  
 146 100  
 111 43.0 21.7 65.1  
 148 64.0 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 42.636 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. -0.000 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11

Tgt Ion:146 Resp: 189061  
 Ion Ratio Lower Upper  
 146 100  
 111 42.1 21.3 64.0  
 148 63.9 32.0 96.2





#89

n-Butylbenzene

Concen: 45.124 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA\_N

ClientSampleId :

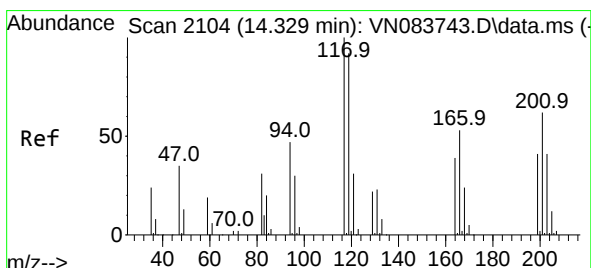
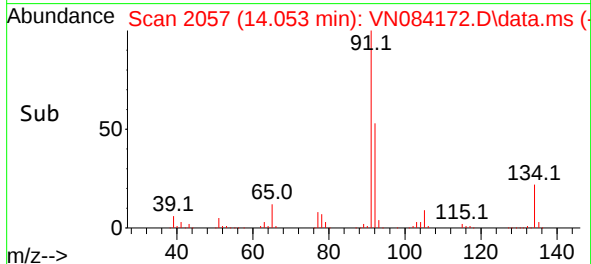
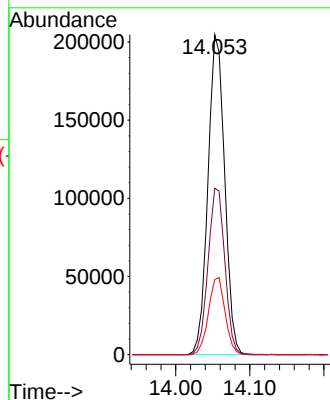
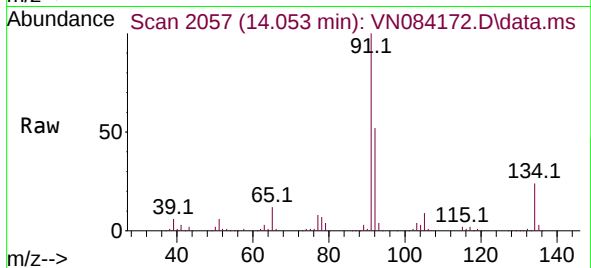
Tgt Ion: 91 Resp: 320262

Ion Ratio Lower Upper

91 100

92 52.4 26.7 80.1

134 24.1 12.2 36.4



#90

Hexachloroethane

Concen: 42.497 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN084172.D

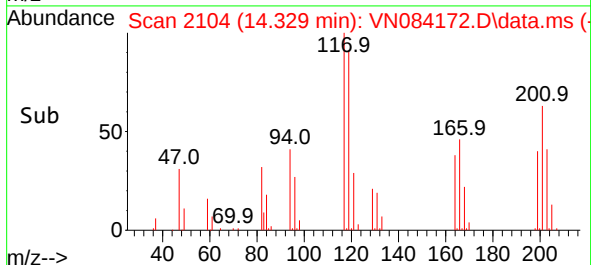
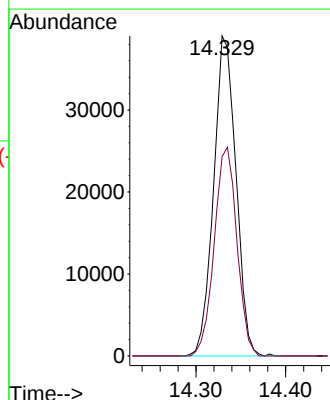
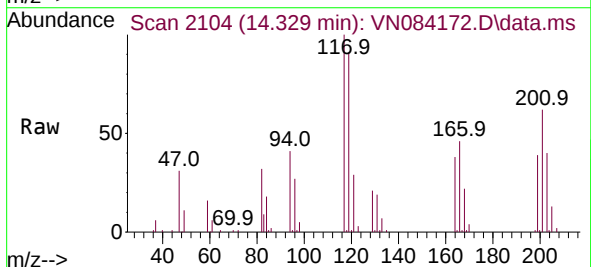
Acq: 25 Sep 2024 20:11

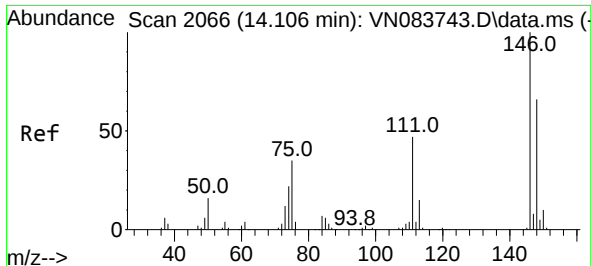
Tgt Ion: 117 Resp: 67530

Ion Ratio Lower Upper

117 100

201 66.0 32.8 98.3

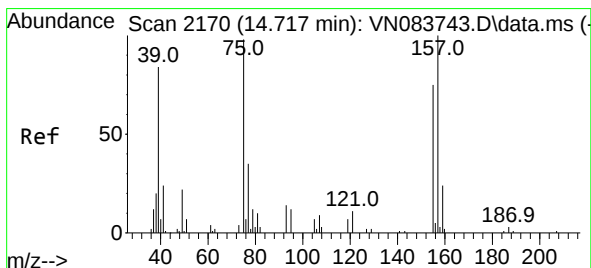
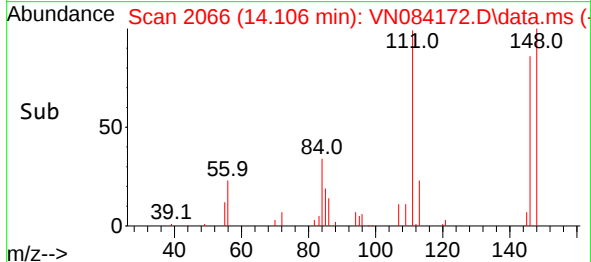
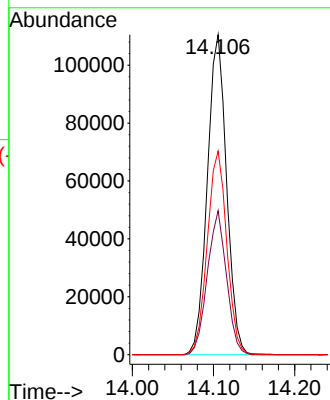
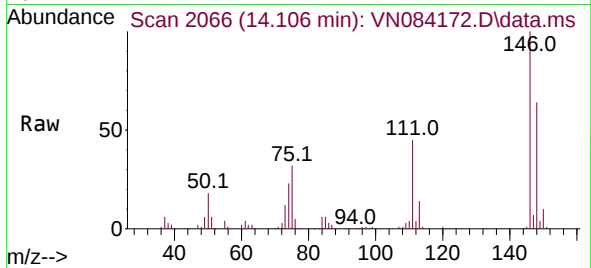




#91  
1,2-Dichlorobenzene  
Concen: 43.025 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

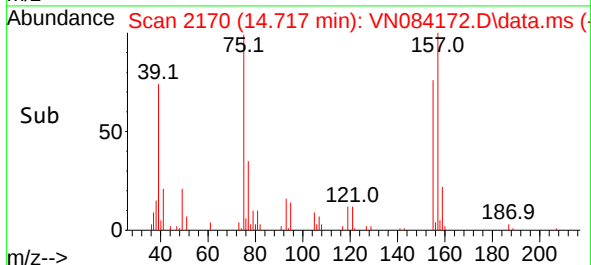
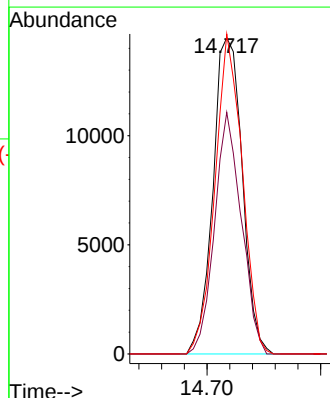
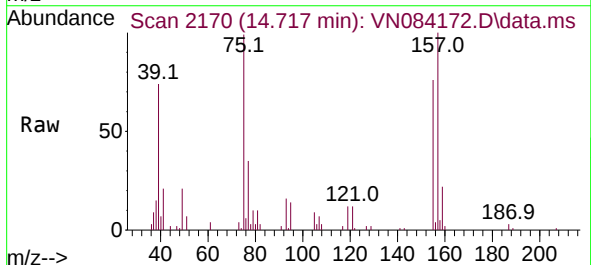
Instrument :  
MSVOA\_N  
ClientSampleId :

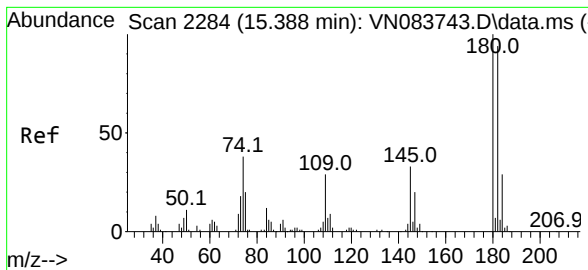
Tgt Ion:146 Resp: 181837  
Ion Ratio Lower Upper  
146 100  
111 44.7 22.8 68.3  
148 64.6 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.966 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN084172.D  
Acq: 25 Sep 2024 20:11

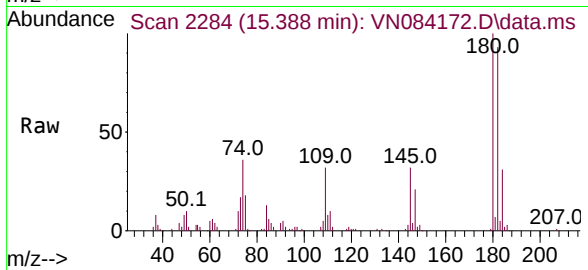
Tgt Ion: 75 Resp: 25953  
Ion Ratio Lower Upper  
75 100  
155 69.9 35.9 107.7  
157 94.1 47.5 142.5



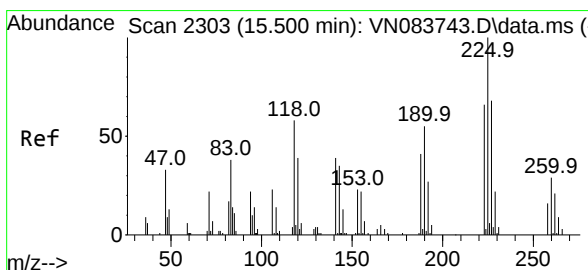
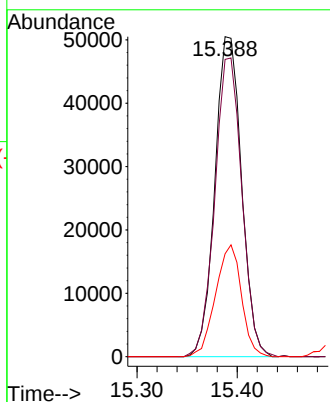
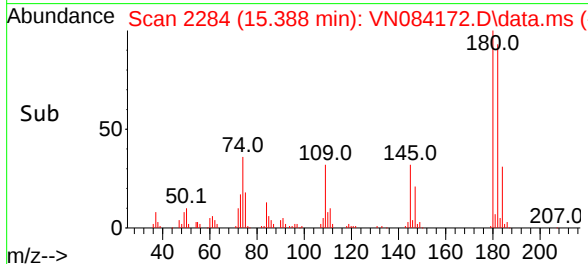


#93  
 1,2,4-Trichlorobenzene  
 Concen: 41.106 ug/l  
 RT: 15.388 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11

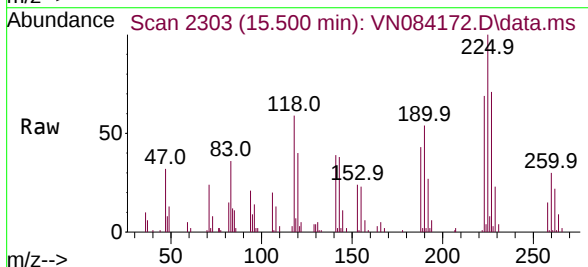
Instrument :  
 MSVOA\_N  
 ClientSampleId :



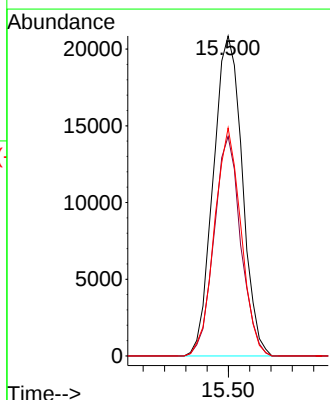
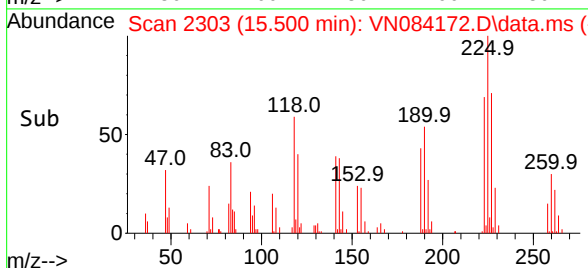
Tgt Ion:180 Resp: 93227  
 Ion Ratio Lower Upper  
 180 100  
 182 94.8 48.1 144.3  
 145 34.0 16.9 50.7

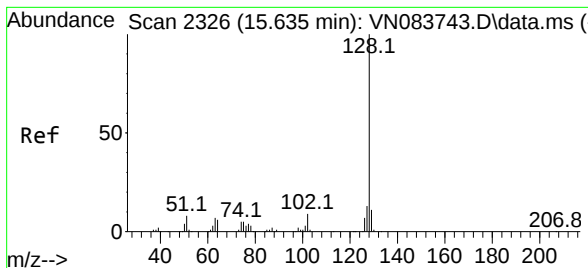


#94  
 Hexachlorobutadiene  
 Concen: 40.820 ug/l  
 RT: 15.500 min Scan# 2303  
 Delta R.T. -0.000 min  
 Lab File: VN084172.D  
 Acq: 25 Sep 2024 20:11



Tgt Ion:225 Resp: 39316  
 Ion Ratio Lower Upper  
 225 100  
 223 63.3 31.9 95.5  
 227 65.5 32.0 96.2





#95

Naphthalene

Concen: 43.929 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

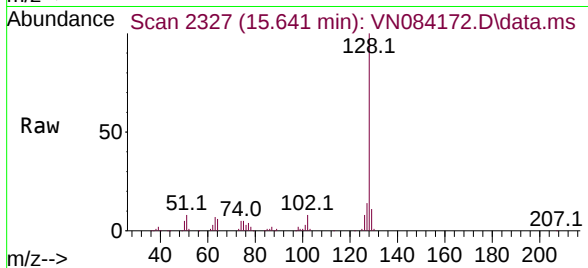
Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Instrument :

MSVOA\_N

ClientSampleId :



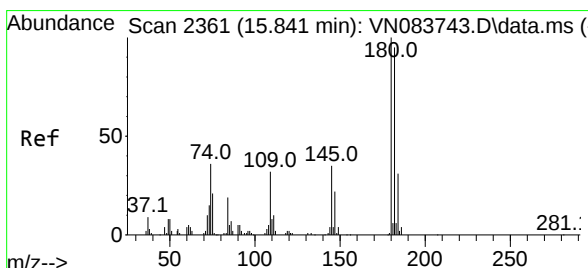
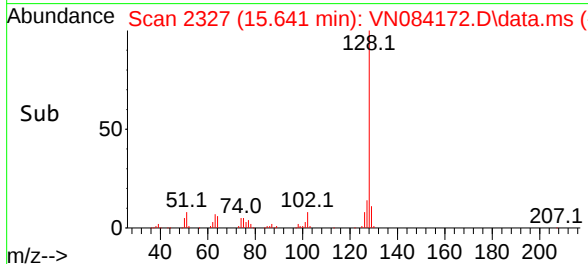
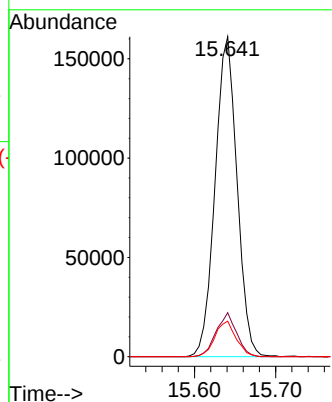
Tgt Ion:128 Resp: 303110

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 42.345 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN084172.D

Acq: 25 Sep 2024 20:11

Tgt Ion:180 Resp: 91782

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.4

145 34.3 17.8 53.5

