

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091924\  
 Data File : VN084056.D  
 Acq On : 20 Sep 2024 00:06  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Sep 20 01:41:30 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  | 135706   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 238446   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 218437   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 106112   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.576  | 65    | 106795   | 52.190   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 104.380% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 77573    | 50.818   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 101.640% |      |
| 50) Toluene-d8              | 10.565 | 98    | 279206   | 52.908   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 105.820% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 108260   | 49.723   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 99.440%  |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 71091   | 45.108  | ug/l   | 100 |
| 3) Chloromethane             | 2.359 | 50  | 72254   | 44.700  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.512 | 62  | 74086   | 42.887  | ug/l   | 96  |
| 5) Bromomethane              | 2.936 | 94  | 45970   | 46.349  | ug/l   | 98  |
| 6) Chloroethane              | 3.106 | 64  | 49302   | 40.687  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.489 | 101 | 134139  | 45.746  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.959 | 74  | 47083   | 47.901  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 72716   | 46.786  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.583 | 142 | 87780   | 44.408  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 87850   | 320.606 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 68657   | 46.776  | ug/l   | 95  |
| 13) Acrolein                 | 4.183 | 56  | 65146   | 240.961 | ug/l   | 98  |
| 14) Allyl chloride           | 5.030 | 41  | 127778  | 48.856  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.718 | 53  | 207316  | 278.209 | ug/l   | 99  |
| 16) Acetone                  | 4.430 | 43  | 183241  | 223.384 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.712 | 76  | 165773  | 40.375  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.024 | 43  | 105234  | 62.018  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 263495  | 49.609  | ug/l   | 100 |
| 20) Methylene Chloride       | 5.271 | 84  | 79119   | 47.133  | ug/l   | 92  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 71489   | 45.447  | ug/l   | 92  |
| 22) Diisopropyl ether        | 6.671 | 45  | 282127  | 52.402  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.600 | 43  | 1036242 | 262.823 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 150070  | 48.382  | ug/l   | 99  |
| 25) 2-Butanone               | 7.482 | 43  | 288930  | 267.988 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 108504  | 37.985  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 90403   | 48.413  | ug/l   | 100 |
| 28) Bromochloromethane       | 7.812 | 49  | 71362   | 54.632  | ug/l   | 96  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 184530  | 289.459 | ug/l   | 96  |
| 30) Chloroform               | 7.965 | 83  | 164915  | 50.080  | ug/l   | 96  |
| 31) Cyclohexane              | 8.259 | 56  | 121374  | 41.041  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 146069  | 48.241  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 106662  | 46.423  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.565 | 43  | 114010  | 54.667  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 123647  | 47.436  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.600 | 83  | 112096  | 42.863  | ug/l   | 98  |
| 40) Benzene                  | 8.606 | 78  | 330128  | 47.737  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091924\  
 Data File : VN084056.D  
 Acq On : 20 Sep 2024 00:06  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 20 01:41:30 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   | 67337    | 54.590   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 128017   | 49.541   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 211094   | 55.856   | ug/l   | 100      |
| 44) Trichloroethene           | 9.353  | 130  | 77390    | 48.325   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.623  | 63   | 83097    | 49.716   | ug/l   | 98       |
| 46) Dibromomethane            | 9.706  | 93   | 59839    | 51.113   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.888  | 83   | 130224   | 51.397   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.682  | 41   | 97304    | 54.268   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 34772    | 1178.847 | ug/l # | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 611382   | 297.183  | ug/l   | 98       |
| 52) Toluene                   | 10.629 | 92   | 207418   | 49.035   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 127349   | 49.587   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 132849   | 49.245   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 79523    | 50.357   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 134463   | 55.343   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 139849   | 51.526   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 285217   | 325.792  | ug/l   | 96       |
| 59) 2-Hexanone                | 11.194 | 43   | 445735   | 292.900  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.359 | 129  | 94463    | 53.449   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 79561    | 50.517   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 65354    | 44.989   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.888 | 112  | 221210   | 45.565   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.964 | 131  | 79107    | 47.002   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.964 | 91   | 409908   | 47.529   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.070 | 106  | 301735   | 94.236   | ug/l   | 100      |
| 69) o-Xylene                  | 12.400 | 106  | 144399   | 46.585   | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 256350   | 50.393   | ug/l   | 100      |
| 71) Bromoform                 | 12.576 | 173  | 60579    | 53.414   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 384172   | 46.796   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 184577   | 52.697   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 117458   | 48.695   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 153014   | 71.464   | ug/l   | 62       |
| 77) Bromobenzene              | 12.982 | 156  | 88710    | 44.891   | ug/l   | 98       |
| 78) n-propylbenzene           | 13.035 | 91   | 458058   | 47.955   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 278161   | 45.662   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 326507   | 47.174   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 38002    | 46.485   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 283580   | 46.389   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 279830   | 46.211   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 332402   | 47.810   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 382983   | 47.689   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 320281   | 47.576   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 167943   | 45.032   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 166021   | 43.964   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 275960   | 45.656   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 62479    | 46.169   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 165057   | 45.859   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 24927    | 51.841   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 79667    | 41.248   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 35563    | 43.357   | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 269256   | 45.822   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 78580    | 42.570   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091924\  
Data File : VN084056.D  
Acq On : 20 Sep 2024 00:06  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

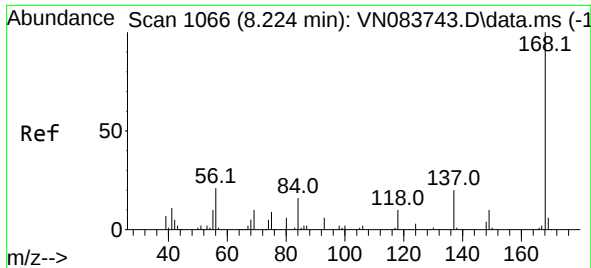
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration

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

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

Quant Time: Sep 20 01:41:30 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

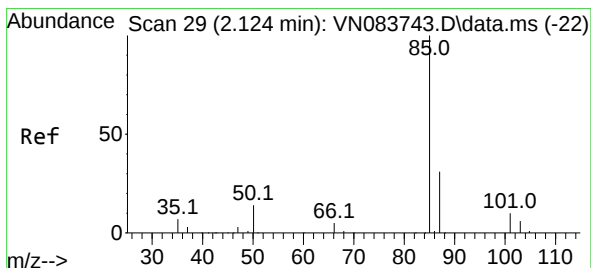
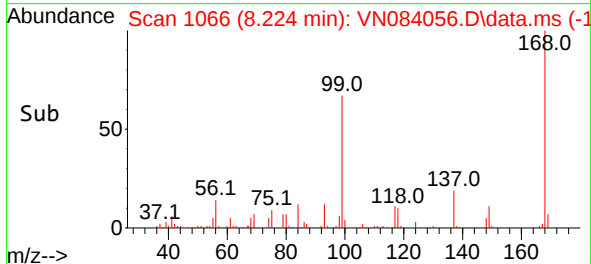
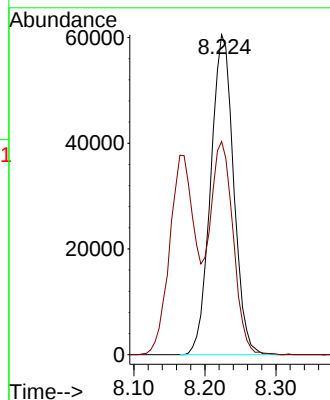
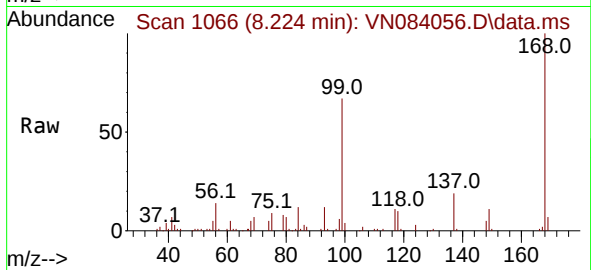




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

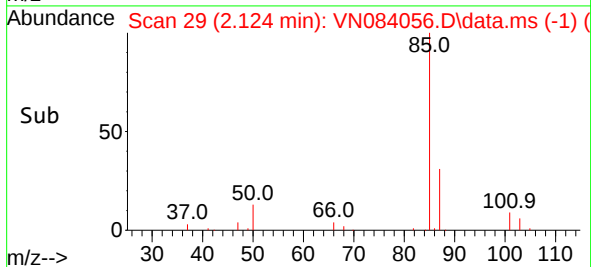
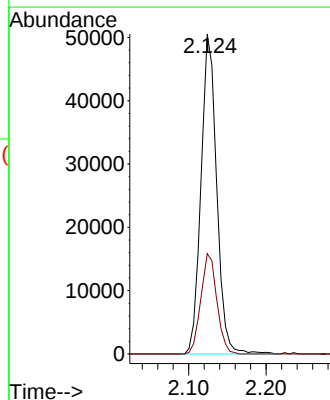
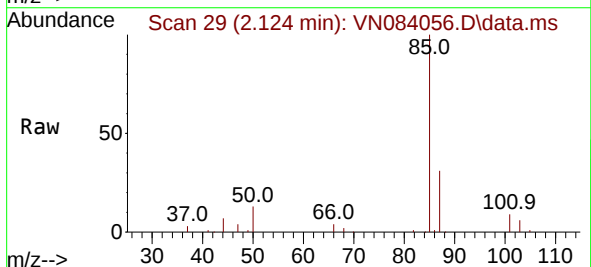
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

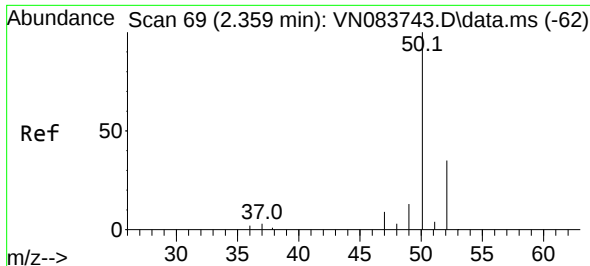
Tgt Ion:168 Resp: 135706  
Ion Ratio Lower Upper  
168 100  
99 66.6 54.2 81.2



#2  
Dichlorodifluoromethane  
Concen: 45.108 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 85 Resp: 71091  
Ion Ratio Lower Upper  
85 100  
87 31.3 15.7 47.0

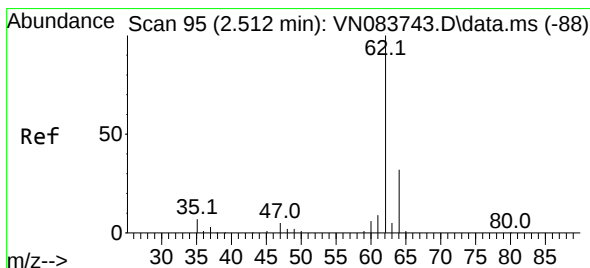
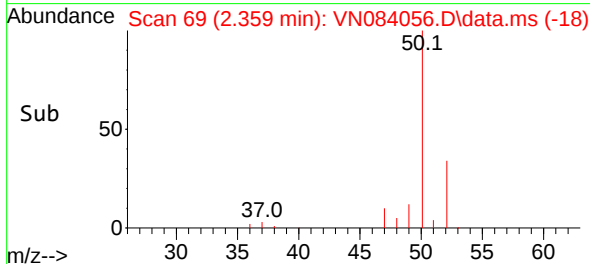
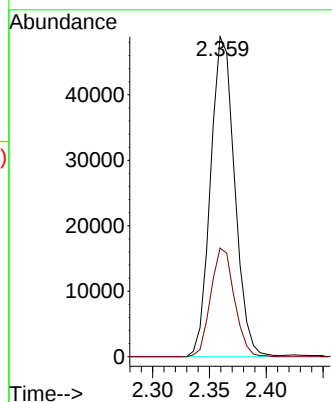
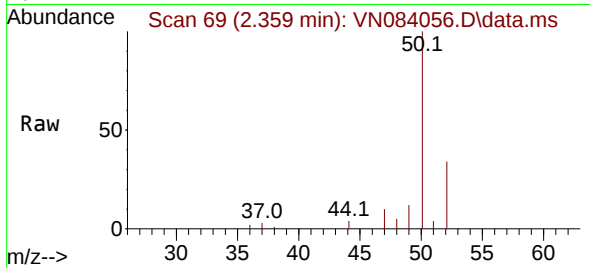




#3  
Chloromethane  
Concen: 44.700 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

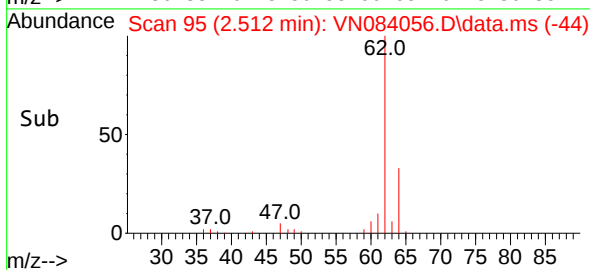
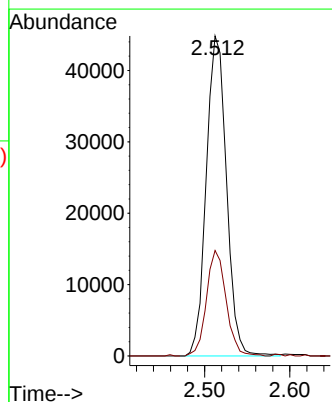
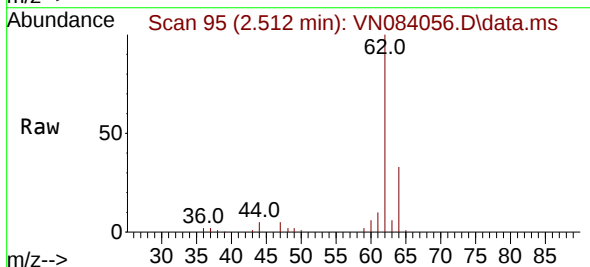
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

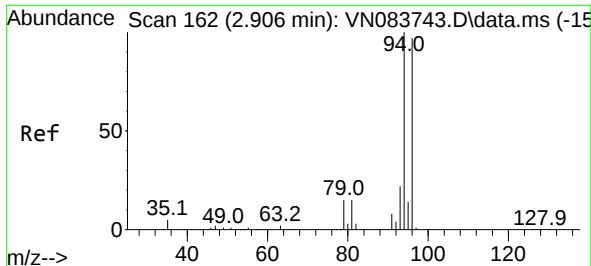
Tgt Ion: 50 Resp: 72254  
Ion Ratio Lower Upper  
50 100  
52 33.9 27.2 40.8



#4  
Vinyl Chloride  
Concen: 42.887 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 62 Resp: 74086  
Ion Ratio Lower Upper  
62 100  
64 32.9 24.7 37.1

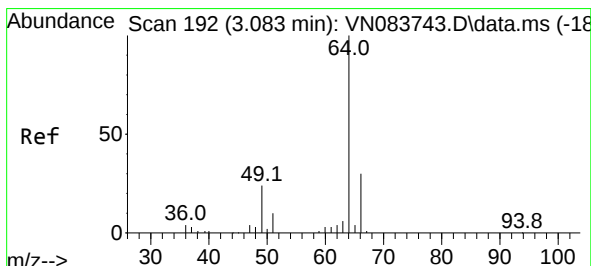
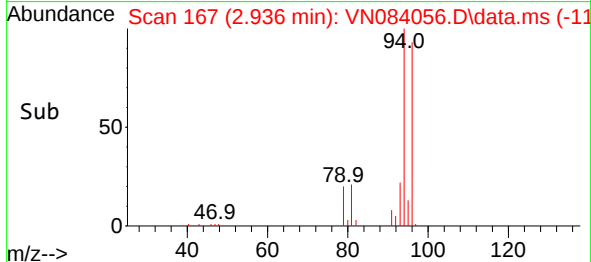
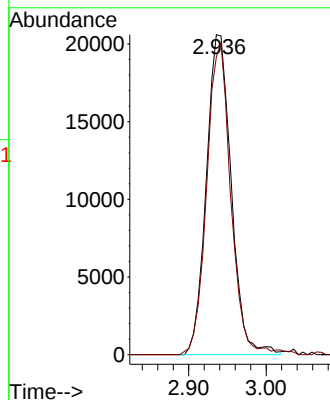
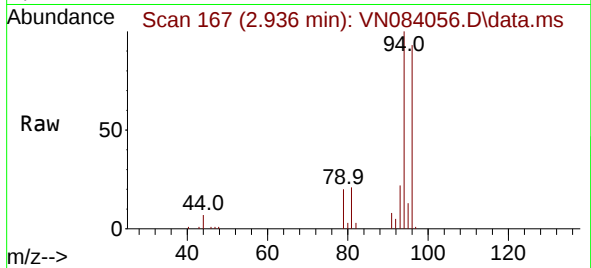




#5  
Bromomethane  
Concen: 46.349 ug/l  
RT: 2.936 min Scan# 11  
Delta R.T. 0.029 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

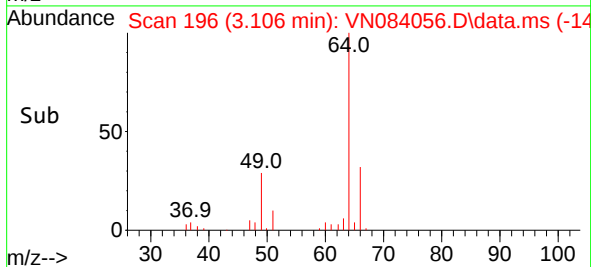
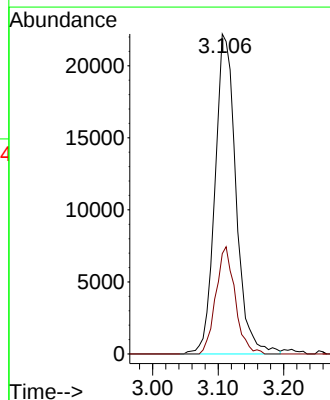
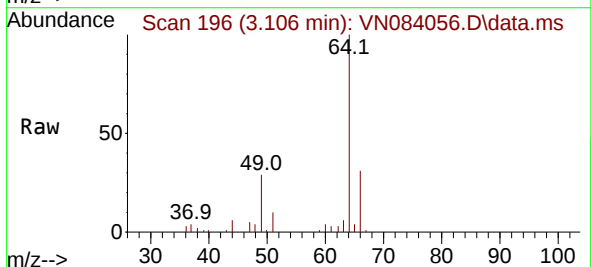
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

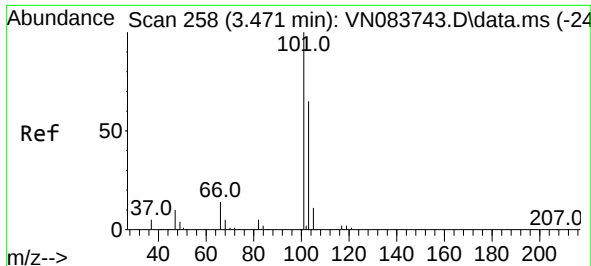
Tgt Ion: 94 Resp: 45970  
Ion Ratio Lower Upper  
94 100  
96 93.0 76.0 114.0



#6  
Chloroethane  
Concen: 40.687 ug/l  
RT: 3.106 min Scan# 196  
Delta R.T. 0.023 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 64 Resp: 49302  
Ion Ratio Lower Upper  
64 100  
66 31.3 23.9 35.9

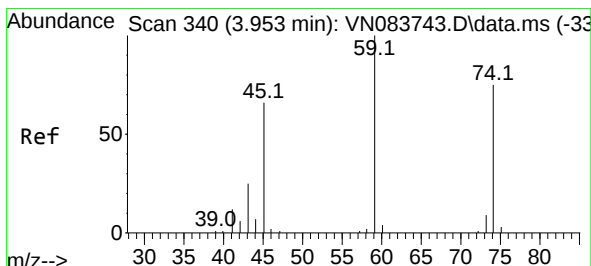
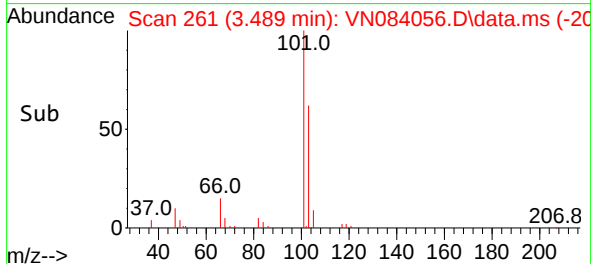
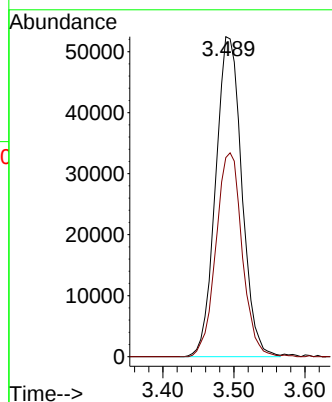
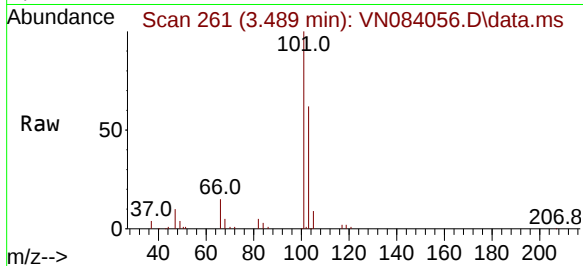




#7  
Trichlorofluoromethane  
Concen: 45.746 ug/l  
RT: 3.489 min Scan# 20  
Delta R.T. 0.017 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

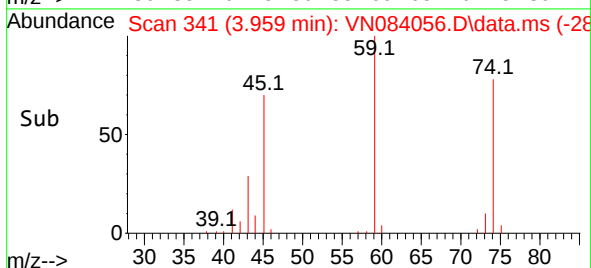
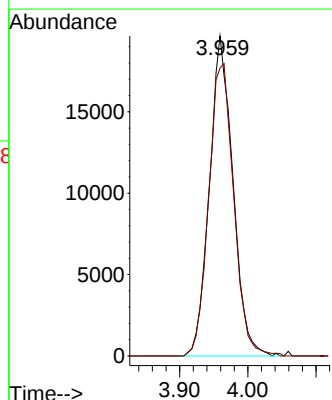
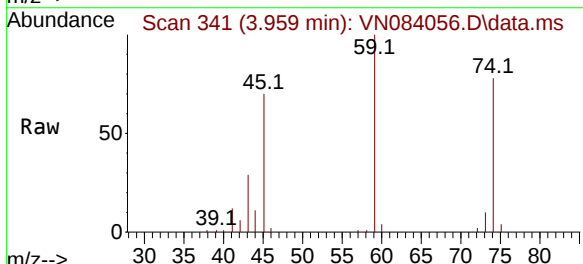
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

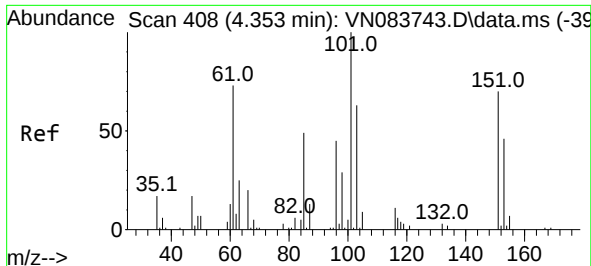
Tgt Ion:101 Resp: 134139  
Ion Ratio Lower Upper  
101 100  
103 62.2 51.4 77.0



#8  
Diethyl Ether  
Concen: 47.901 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 74 Resp: 47083  
Ion Ratio Lower Upper  
74 100  
45 97.3 46.7 140.1

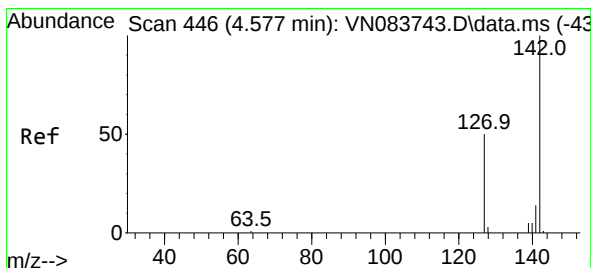
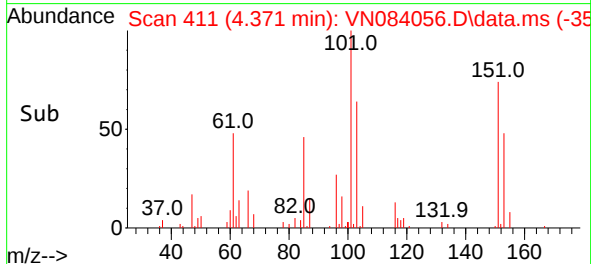
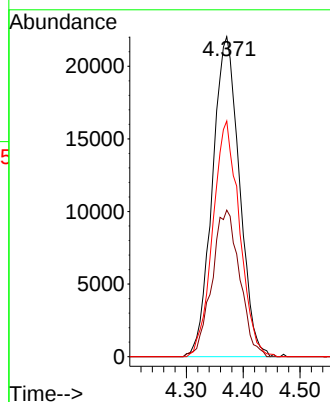
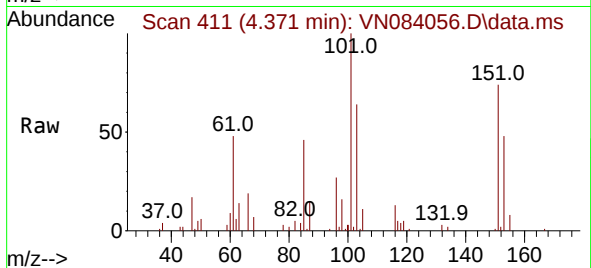




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.786 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.018 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

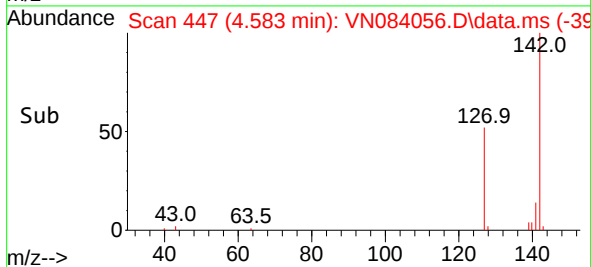
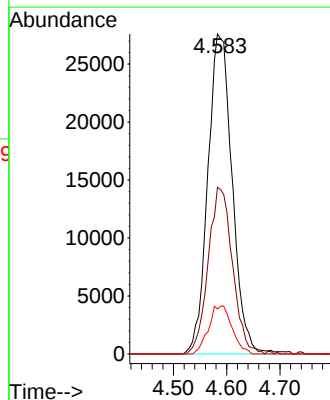
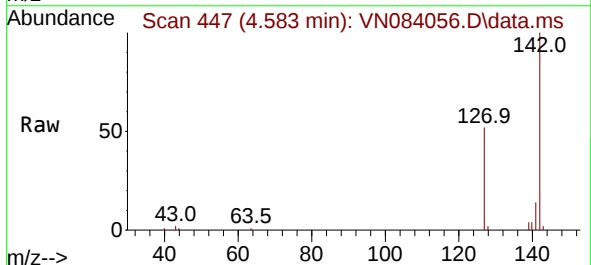
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

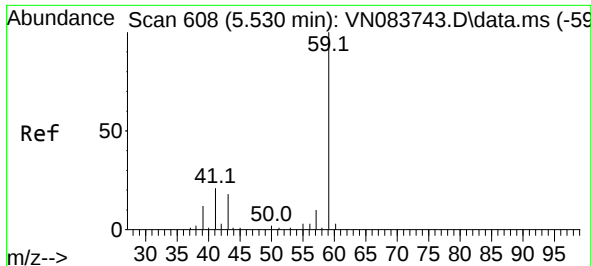
Tgt Ion:101 Resp: 72716  
Ion Ratio Lower Upper  
101 100  
85 47.1 36.2 54.4  
151 72.8 57.7 86.5



#10  
Methyl Iodide  
Concen: 44.408 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion:142 Resp: 87780  
Ion Ratio Lower Upper  
142 100  
127 52.1 37.5 56.3  
141 14.1 11.0 16.4

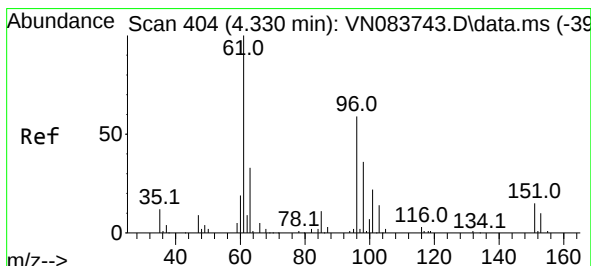
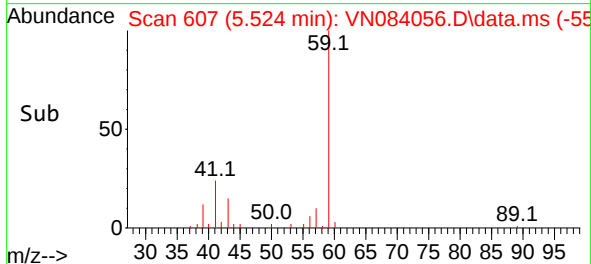
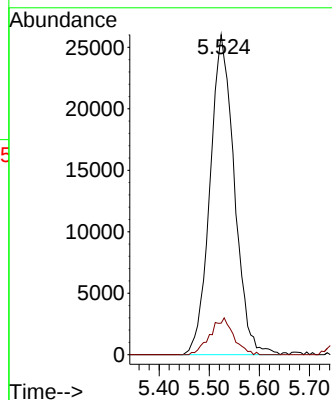
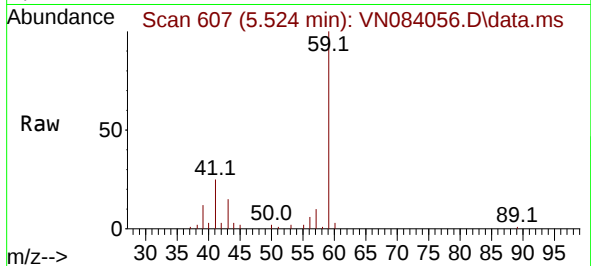




#11  
Tert butyl alcohol  
Concen: 320.606 ug/l  
RT: 5.524 min Scan# 608  
Delta R.T. -0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

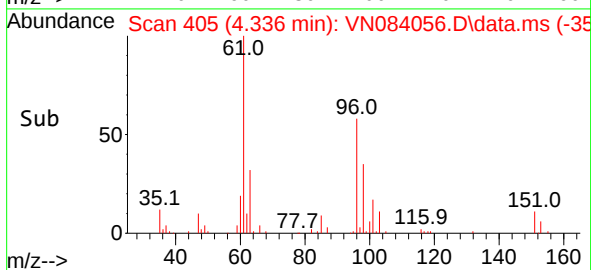
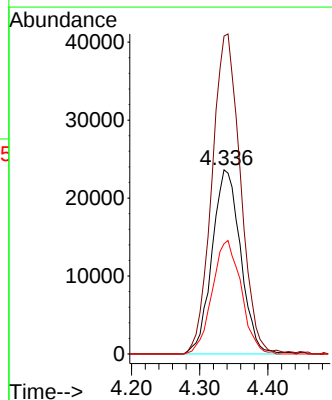
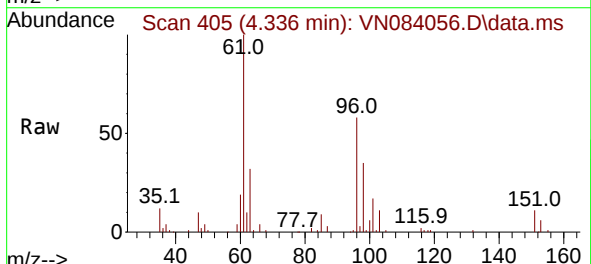
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

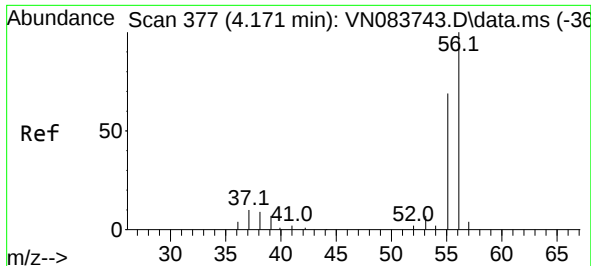
Tgt Ion: 59 Resp: 87850  
Ion Ratio Lower Upper  
59 100  
57 11.1 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 46.776 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 96 Resp: 68657  
Ion Ratio Lower Upper  
96 100  
61 172.6 143.4 215.0  
98 59.9 52.7 79.1





#13

Acrolein

Concen: 240.961 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

Instrument :

MSVOA\_N

ClientSampleId :

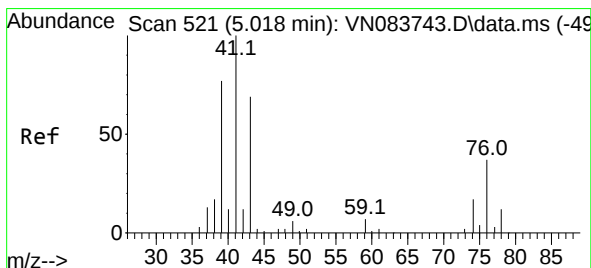
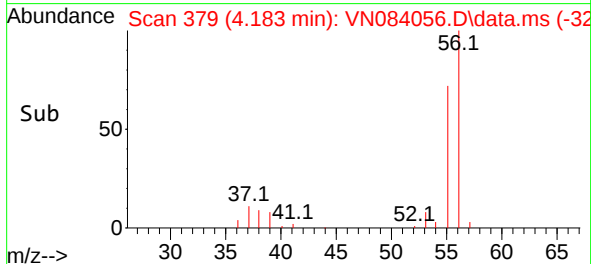
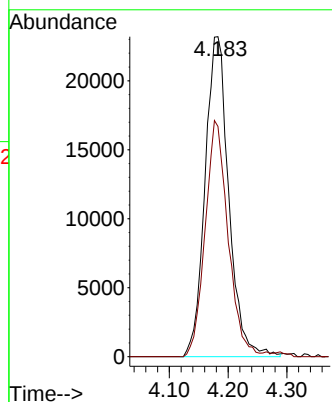
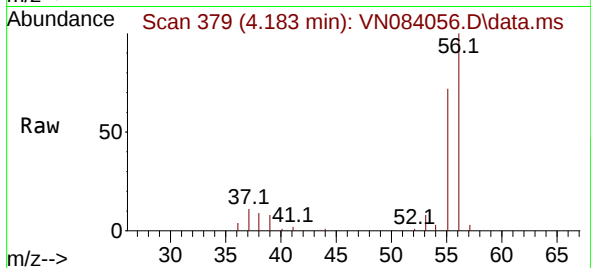
VSTDCCC050EC

Tgt Ion: 56 Resp: 65146

Ion Ratio Lower Upper

56 100

55 71.1 58.2 87.2



#14

Allyl chloride

Concen: 48.856 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

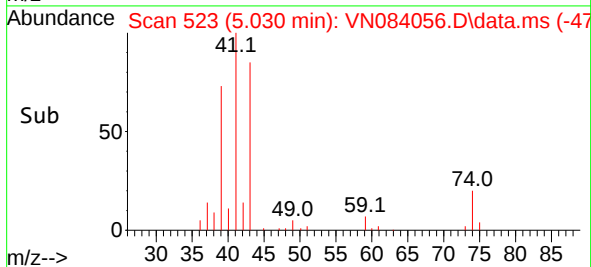
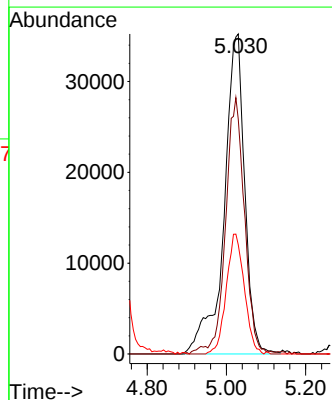
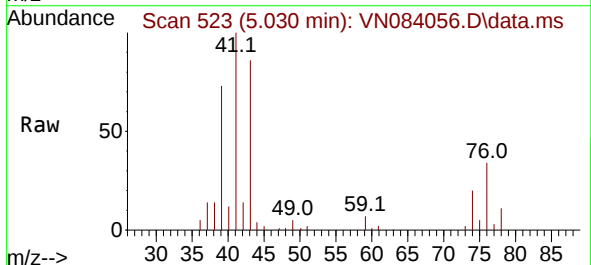
Tgt Ion: 41 Resp: 127778

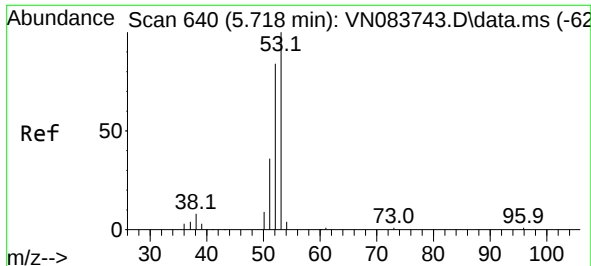
Ion Ratio Lower Upper

41 100

39 73.2 59.3 88.9

76 32.6 27.7 41.5

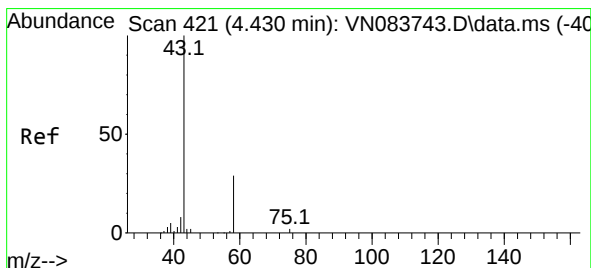
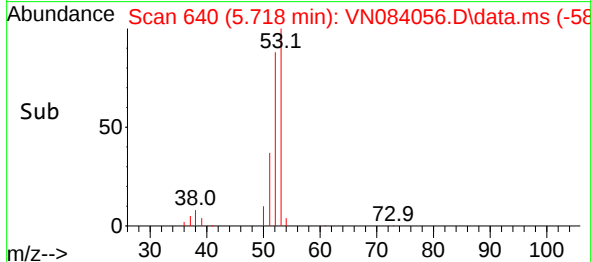
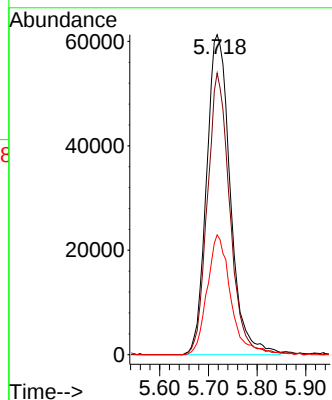
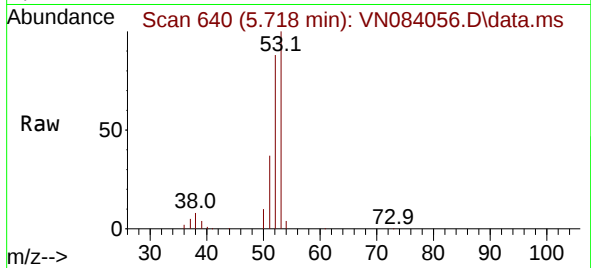




#15  
Acrylonitrile  
Concen: 278.209 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

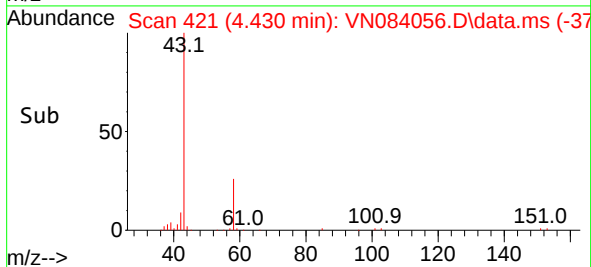
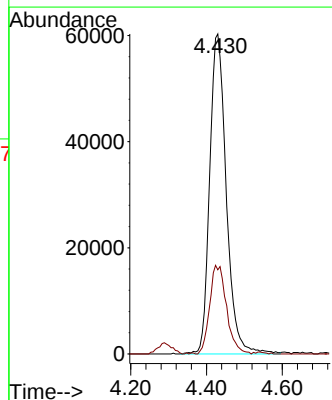
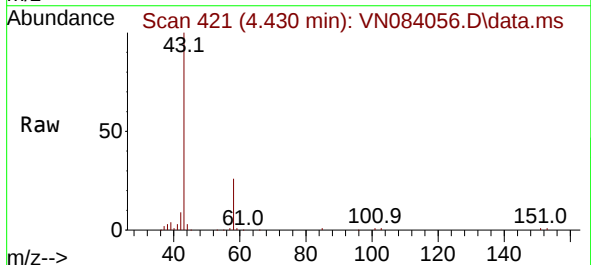
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

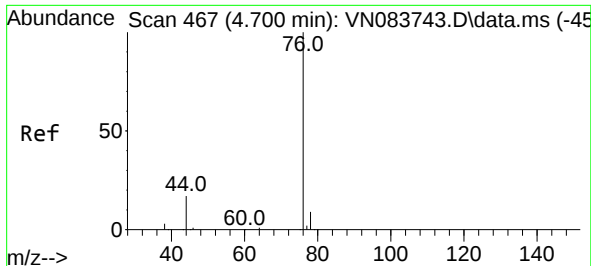
Tgt Ion: 53 Resp: 207316  
Ion Ratio Lower Upper  
53 100  
52 83.5 66.1 99.1  
51 37.5 29.6 44.4



#16  
Acetone  
Concen: 223.384 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 43 Resp: 183241  
Ion Ratio Lower Upper  
43 100  
58 26.3 23.7 35.5

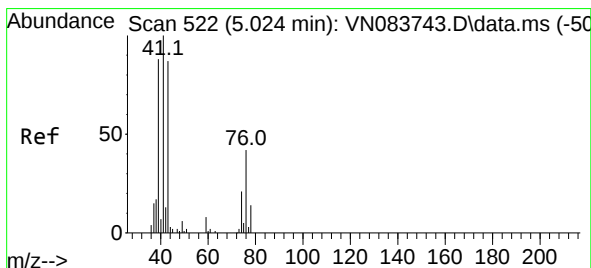
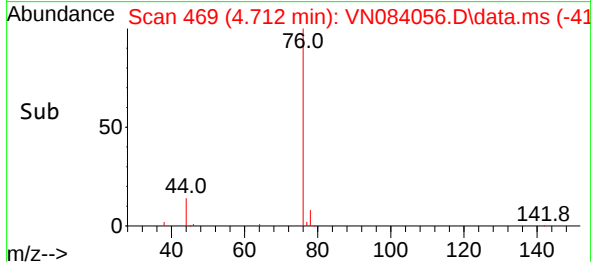
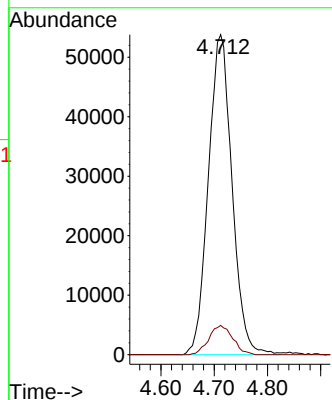
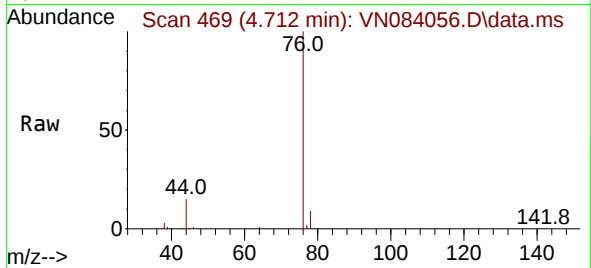




#17  
Carbon Disulfide  
Concen: 40.375 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.012 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

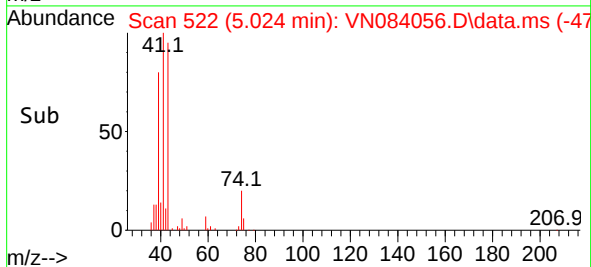
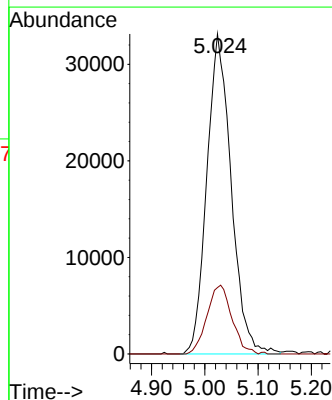
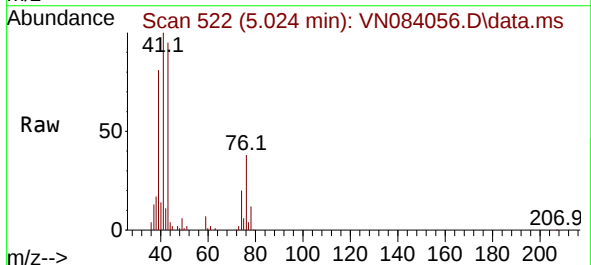
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

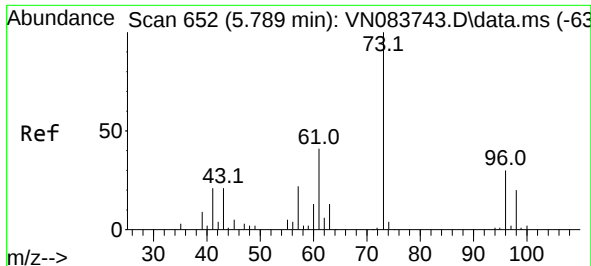
Tgt Ion: 76 Resp: 165773  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.1 10.7



#18  
Methyl Acetate  
Concen: 62.018 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 43 Resp: 105234  
Ion Ratio Lower Upper  
43 100  
74 21.9 19.0 28.4

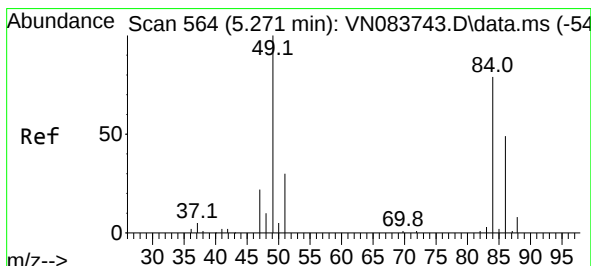
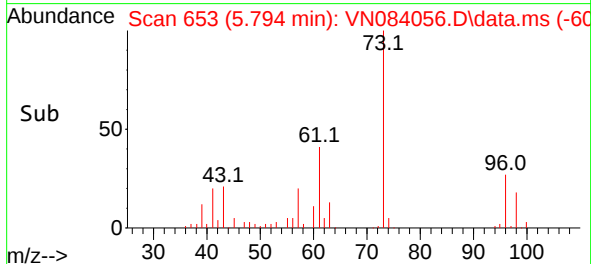
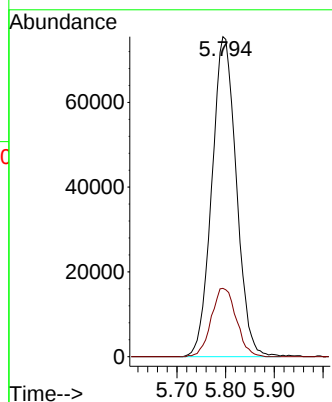
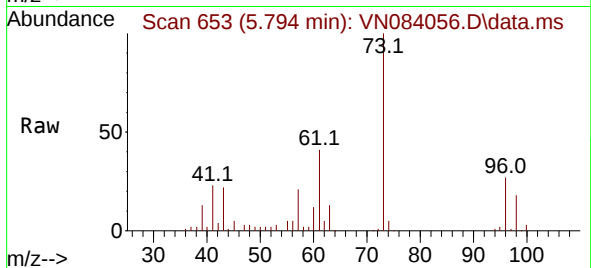




#19  
Methyl tert-butyl Ether  
Concen: 49.609 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

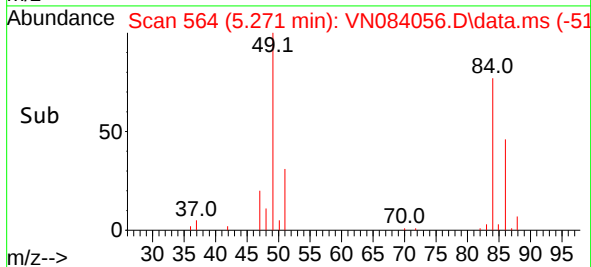
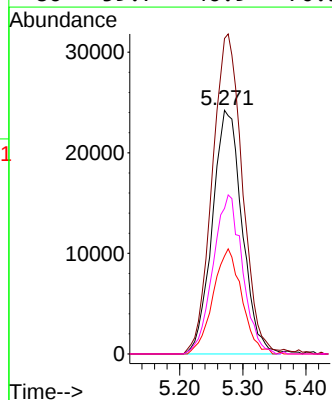
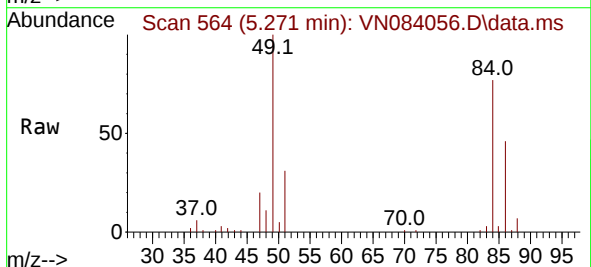
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

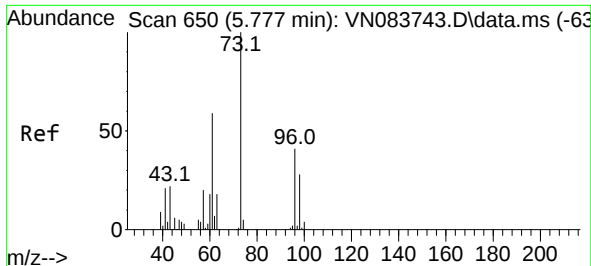
Tgt Ion: 73 Resp: 263495  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.0 25.6



#20  
Methylene Chloride  
Concen: 47.133 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 84 Resp: 79119  
Ion Ratio Lower Upper  
84 100  
49 129.4 93.4 140.0  
51 40.2 29.2 43.8  
86 59.7 46.9 70.3

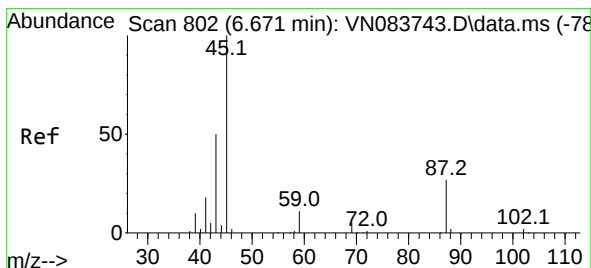
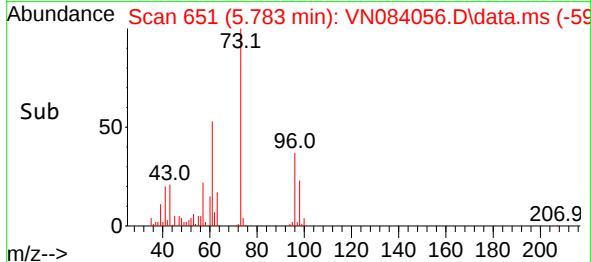
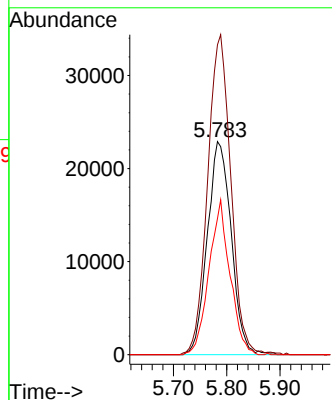
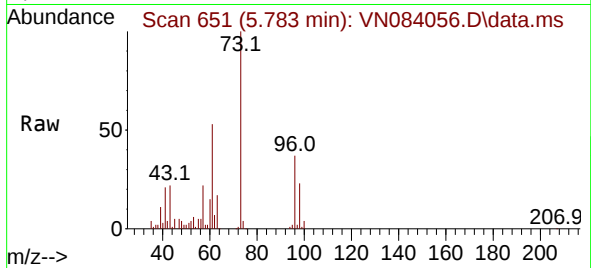




#21  
trans-1,2-Dichloroethene  
Concen: 45.447 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

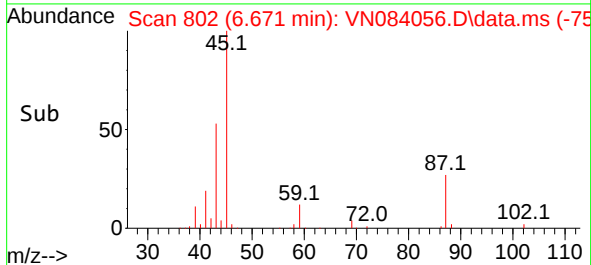
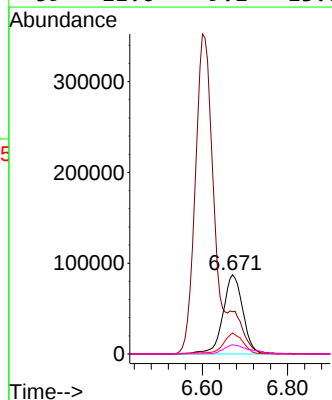
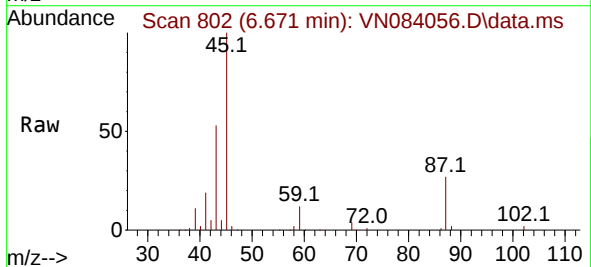
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

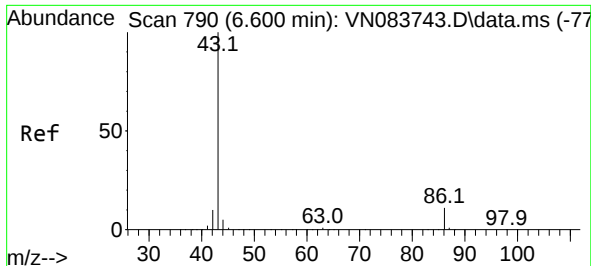
Tgt Ion: 96 Resp: 71489  
Ion Ratio Lower Upper  
96 100  
61 145.4 106.0 159.0  
98 63.9 52.2 78.2



#22  
Diisopropyl ether  
Concen: 52.402 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 45 Resp: 282127  
Ion Ratio Lower Upper  
45 100  
43 52.4 43.4 65.0  
87 26.5 22.6 33.8  
59 11.6 9.1 13.7

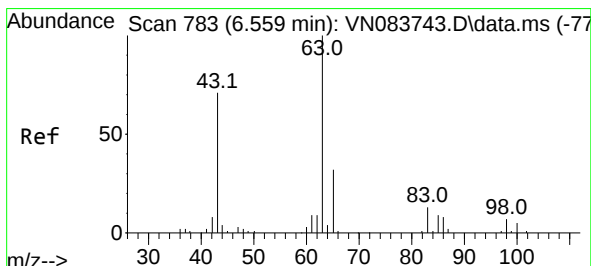
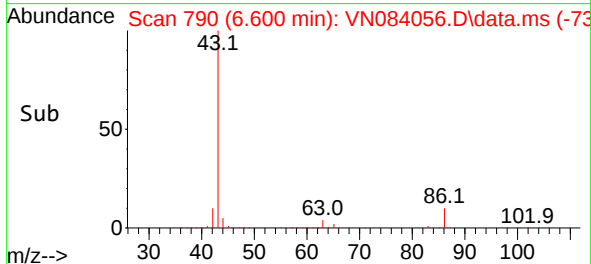
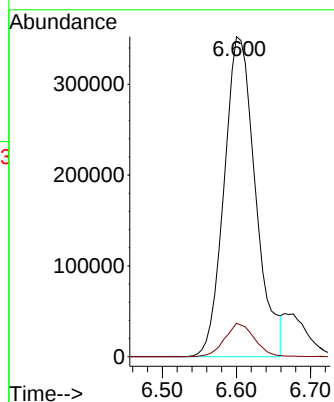
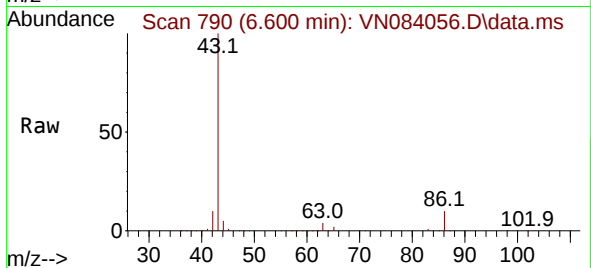




#23  
 Vinyl Acetate  
 Concen: 262.823 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN084056.D  
 Acq: 20 Sep 2024 00:06

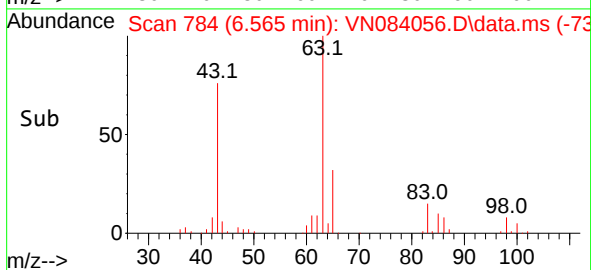
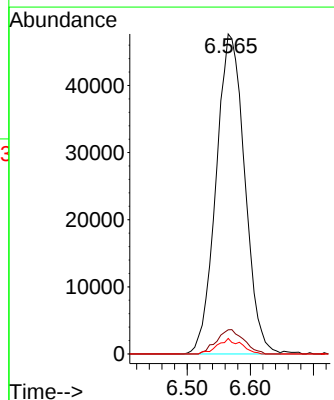
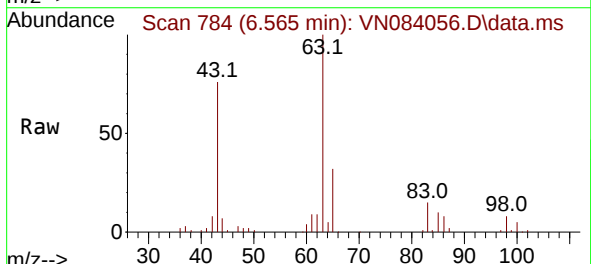
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

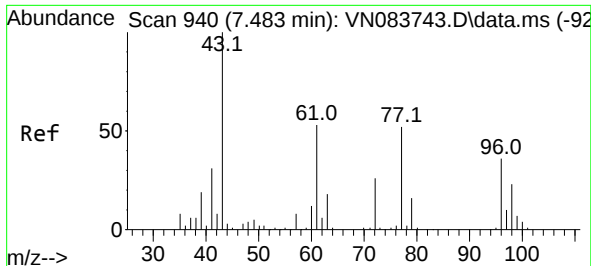
Tgt Ion: 43 Resp: 1036242  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.7 13.1



#24  
 1,1-Dichloroethane  
 Concen: 48.382 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.006 min  
 Lab File: VN084056.D  
 Acq: 20 Sep 2024 00:06

Tgt Ion: 63 Resp: 150070  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.5 10.4  
 100 4.8 2.5 7.5

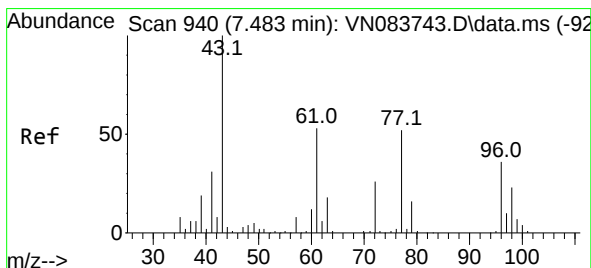
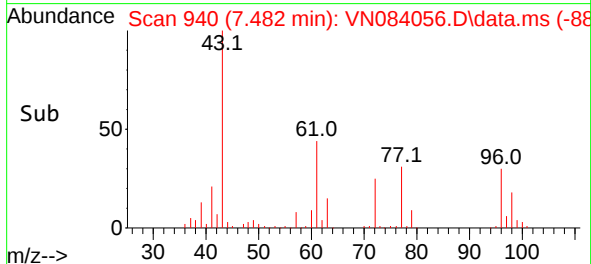
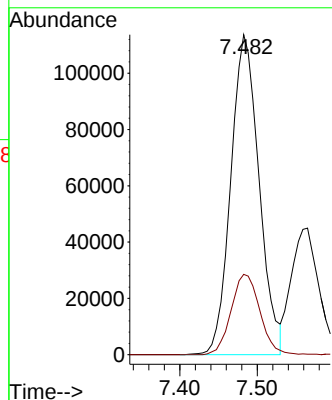
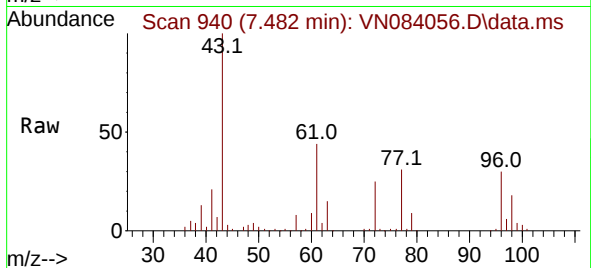




#25  
2-Butanone  
Concen: 267.988 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

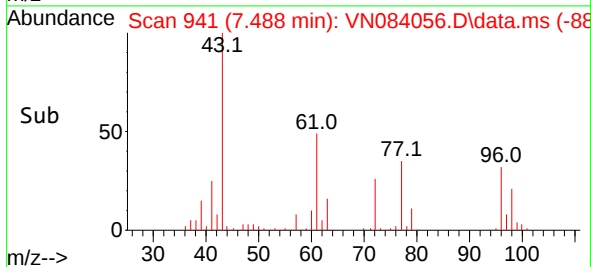
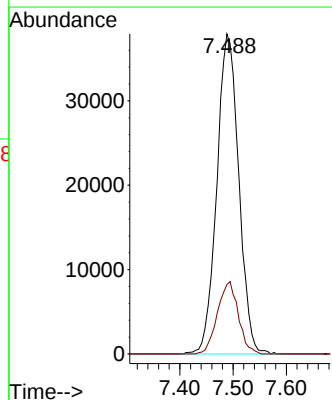
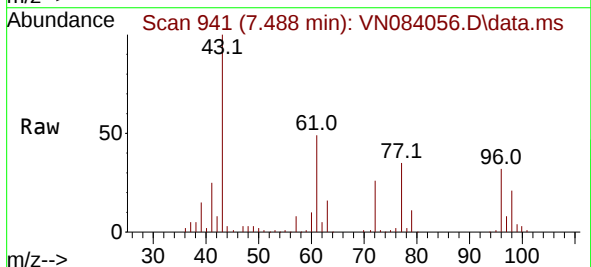
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

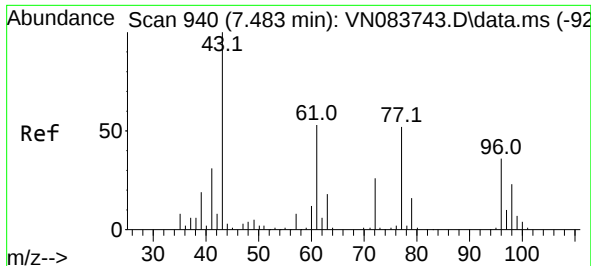
Tgt Ion: 43 Resp: 288930  
Ion Ratio Lower Upper  
43 100  
72 25.1 20.8 31.2



#26  
2,2-Dichloropropane  
Concen: 37.985 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 77 Resp: 108504  
Ion Ratio Lower Upper  
77 100  
97 21.5 10.2 30.4

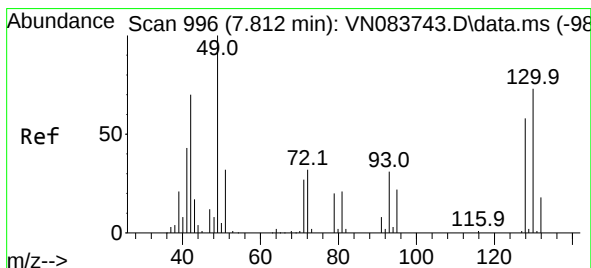
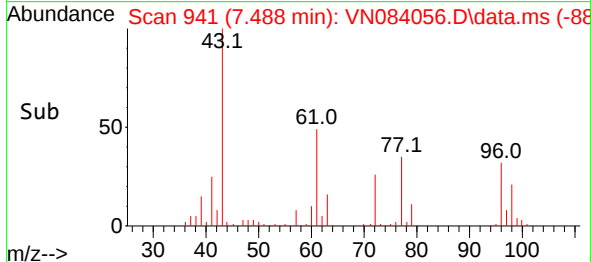
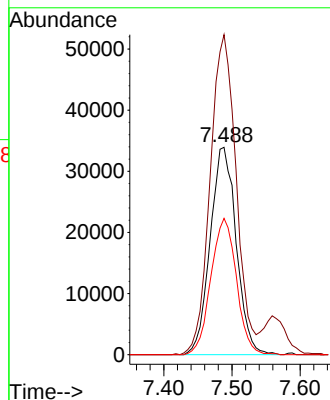
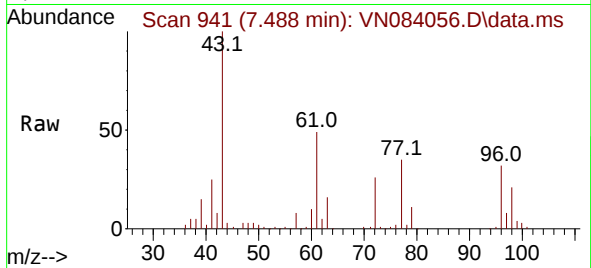




#27  
 cis-1,2-Dichloroethene  
 Concen: 48.413 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN084056.D  
 Acq: 20 Sep 2024 00:06

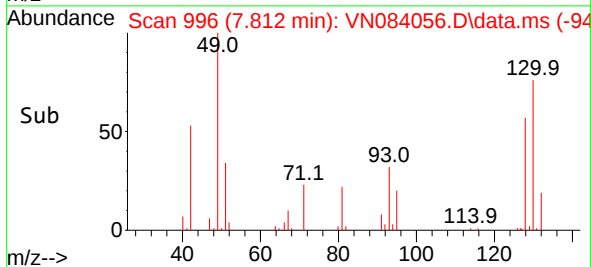
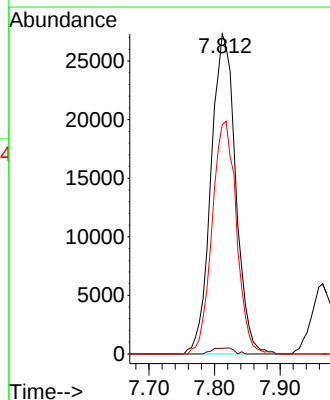
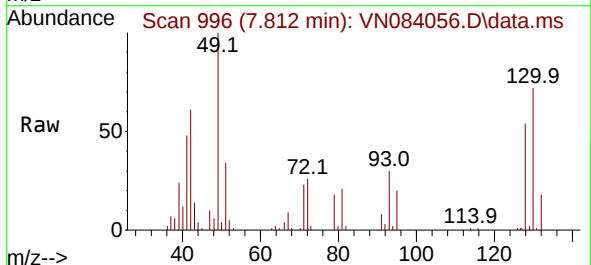
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

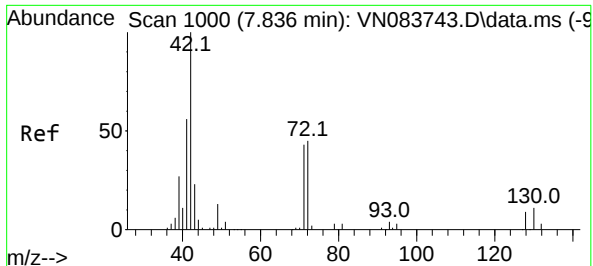
Tgt Ion: 96 Resp: 90403  
 Ion Ratio Lower Upper  
 96 100  
 61 153.6 0.0 306.2  
 98 64.5 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 54.632 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.000 min  
 Lab File: VN084056.D  
 Acq: 20 Sep 2024 00:06

Tgt Ion: 49 Resp: 71362  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 3.4  
 130 71.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 289.459 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

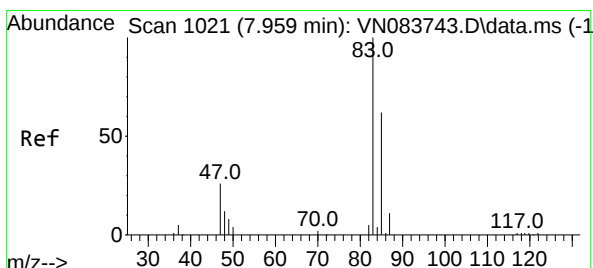
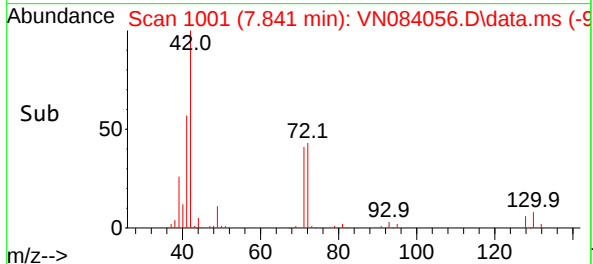
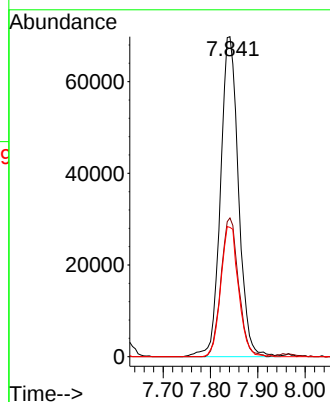
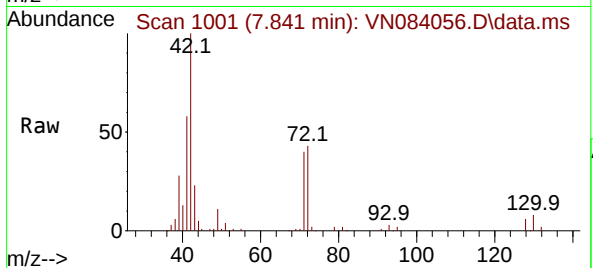
Tgt Ion: 42 Resp: 184530

Ion Ratio Lower Upper

42 100

72 42.4 35.9 53.9

71 40.1 33.9 50.9



#30

Chloroform

Concen: 50.080 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN084056.D

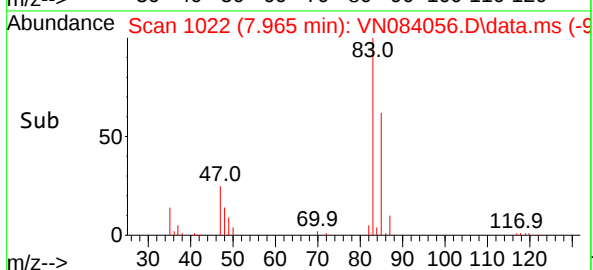
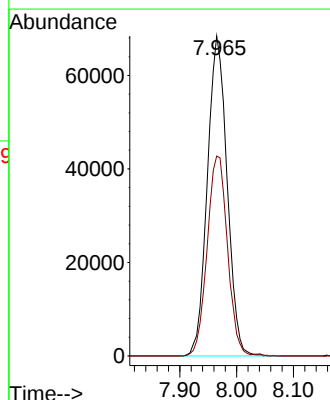
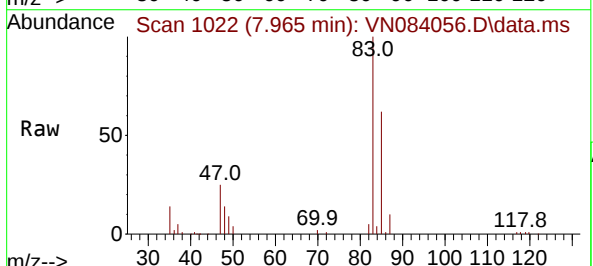
Acq: 20 Sep 2024 00:06

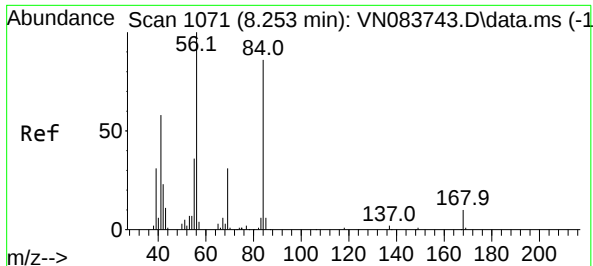
Tgt Ion: 83 Resp: 164915

Ion Ratio Lower Upper

83 100

85 62.4 52.8 79.2

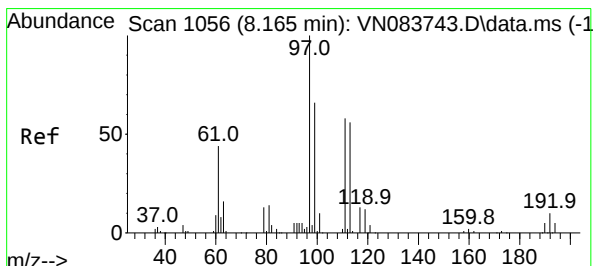
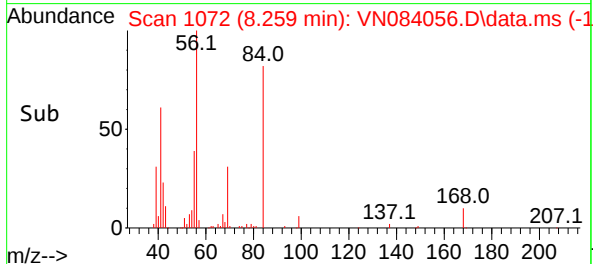
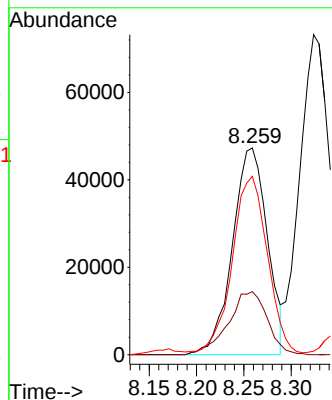
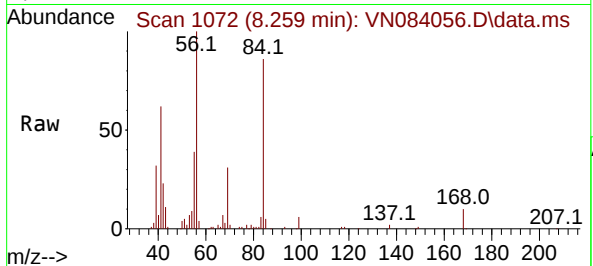




#31  
Cyclohexane  
Concen: 41.041 ug/l  
RT: 8.259 min Scan# 1071  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

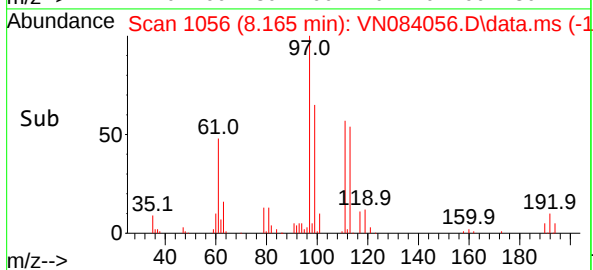
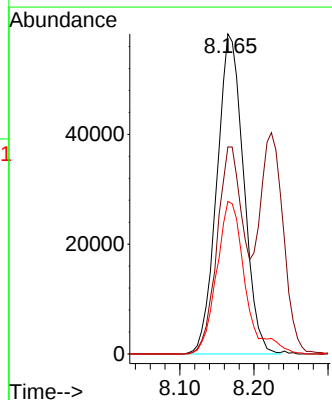
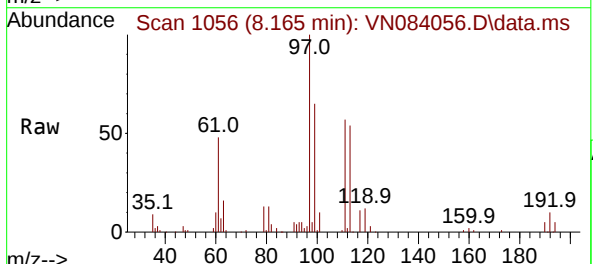
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

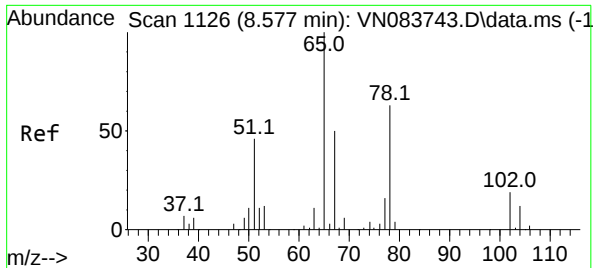
Tgt Ion: 56 Resp: 121374  
Ion Ratio Lower Upper  
56 100  
69 30.5 26.9 40.3  
84 84.8 69.2 103.8



#32  
1,1,1-Trichloroethane  
Concen: 48.241 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 97 Resp: 146069  
Ion Ratio Lower Upper  
97 100  
99 63.5 52.3 78.5  
61 51.0 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 52.190 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

Instrument :

MSVOA\_N

ClientSampleId :

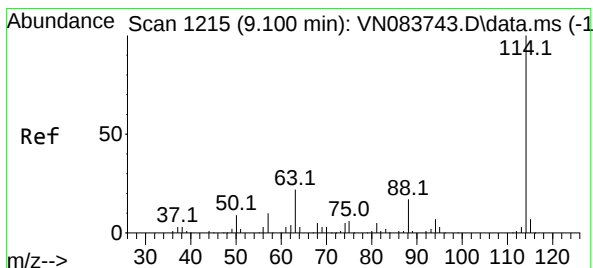
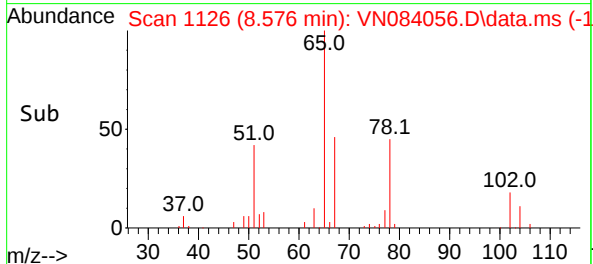
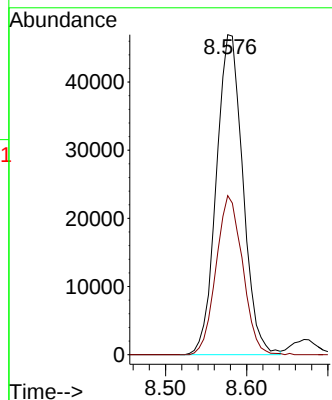
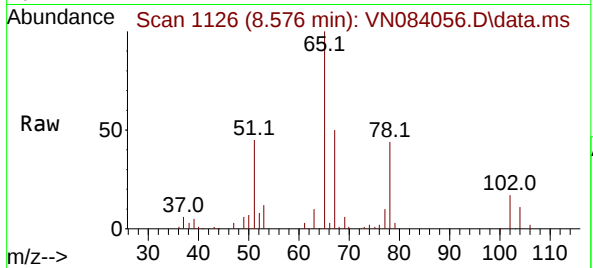
VSTDCCC050EC

Tgt Ion: 65 Resp: 106795

Ion Ratio Lower Upper

65 100

67 49.7 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: VN084056.D

Acq: 20 Sep 2024 00:06

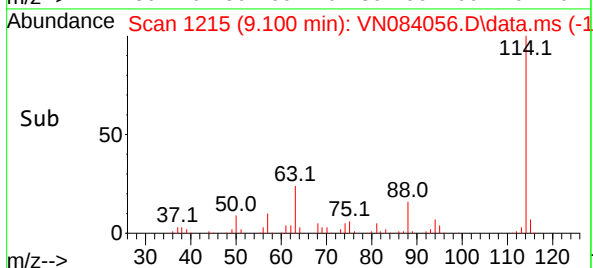
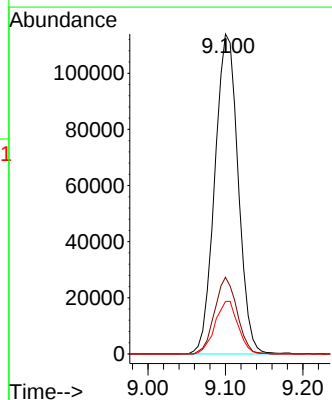
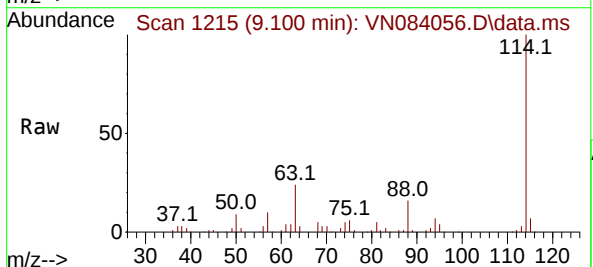
Tgt Ion: 114 Resp: 238446

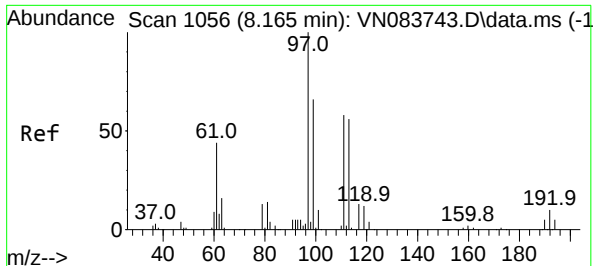
Ion Ratio Lower Upper

114 100

63 24.0 0.0 43.4

88 16.4 0.0 32.6

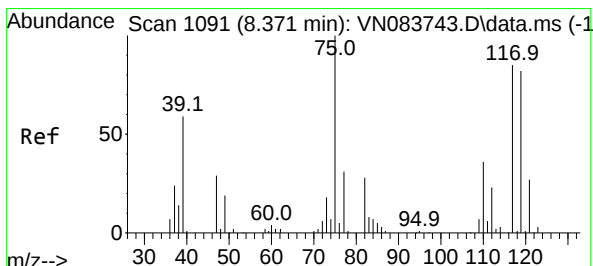
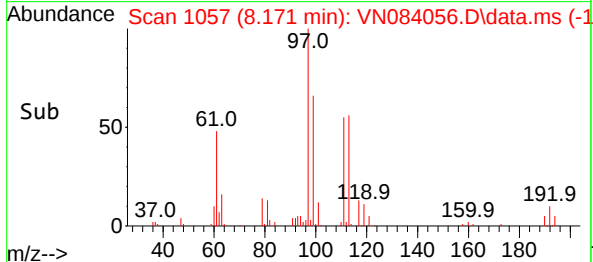
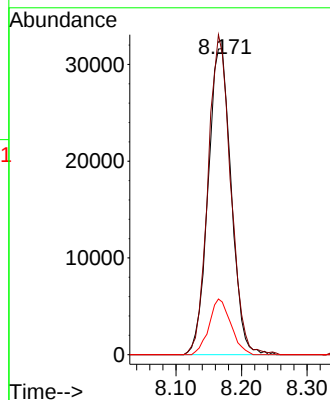
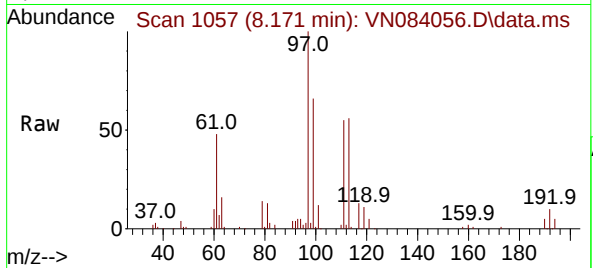




#35  
Dibromofluoromethane  
Concen: 50.818 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

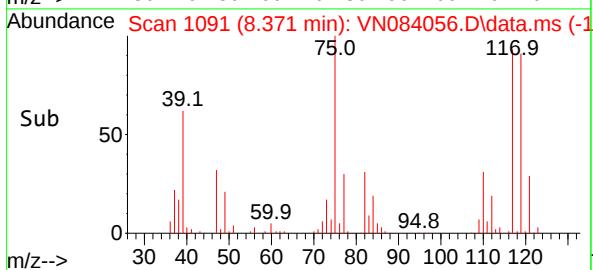
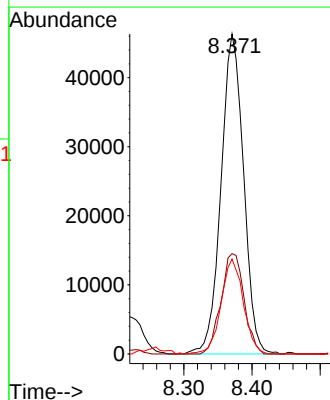
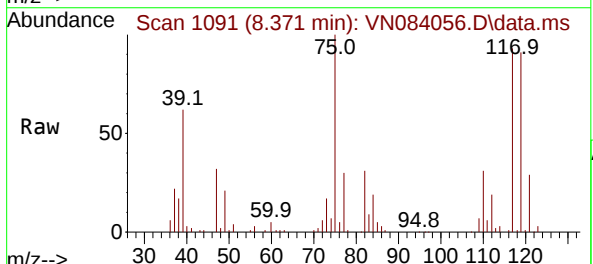
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

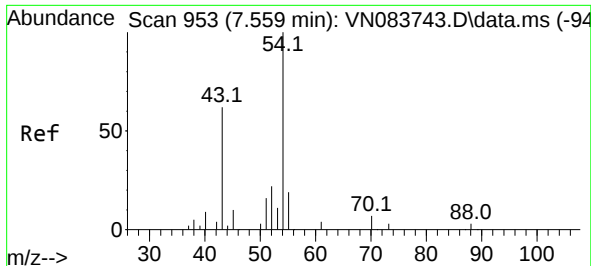
Tgt Ion:113 Resp: 77573  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.6 124.0  
192 17.1 14.3 21.5



#36  
1,1-Dichloropropene  
Concen: 46.423 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 75 Resp: 106662  
Ion Ratio Lower Upper  
75 100  
110 32.0 16.7 50.1  
77 29.2 25.2 37.8

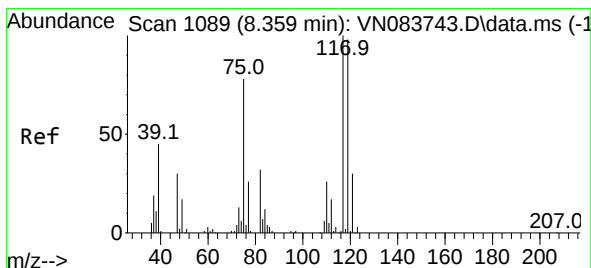
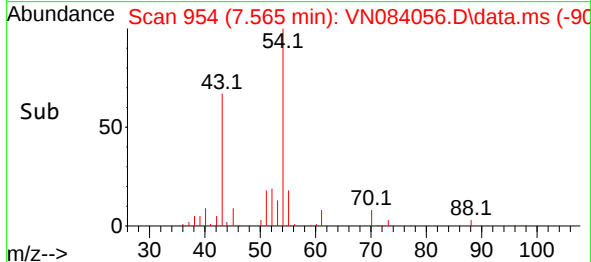
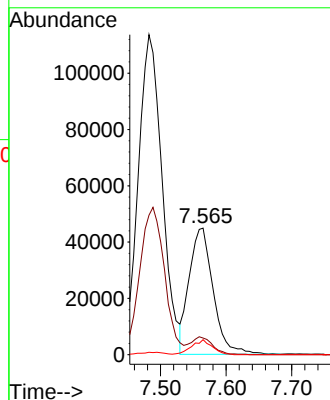
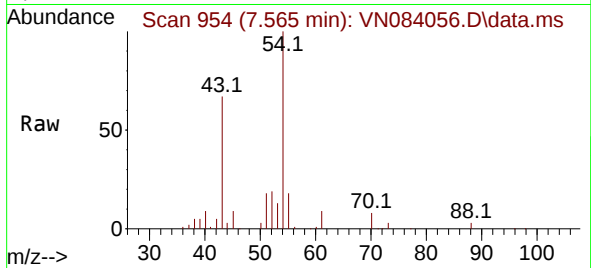




#37  
Ethyl Acetate  
Concen: 54.667 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

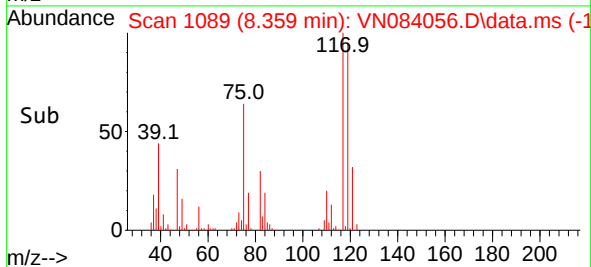
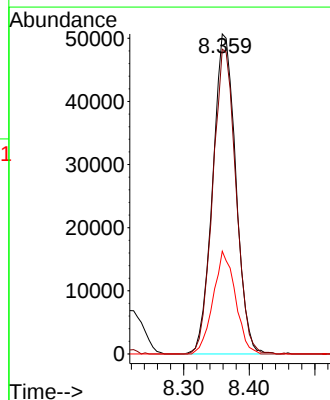
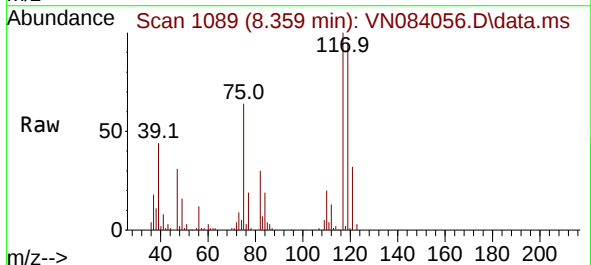
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

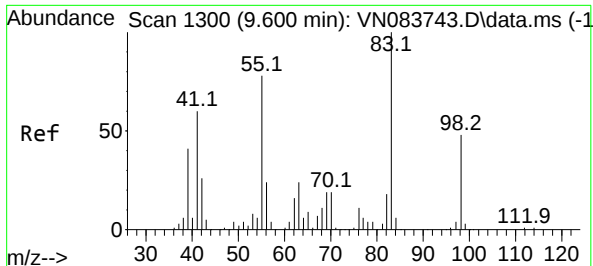
Tgt Ion: 43 Resp: 114010  
Ion Ratio Lower Upper  
43 100  
61 13.1 11.1 16.7  
70 10.1 8.8 13.2



#38  
Carbon Tetrachloride  
Concen: 47.436 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 117 Resp: 123647  
Ion Ratio Lower Upper  
117 100  
119 95.3 76.1 114.1  
121 32.1 24.1 36.1





#39

Methylcyclohexane

Concen: 42.863 ug/l

RT: 9.600 min Scan# 112096

Delta R.T. -0.000 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

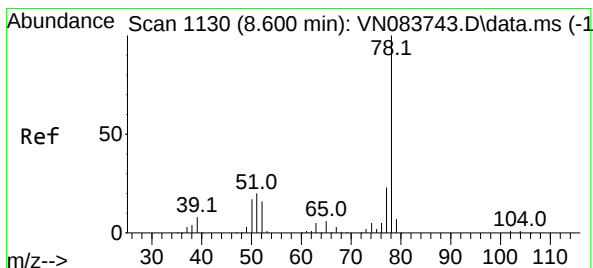
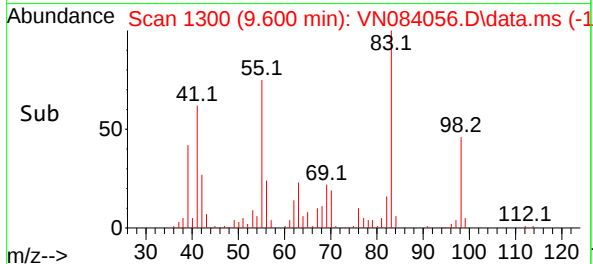
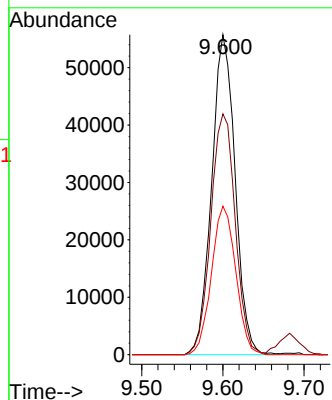
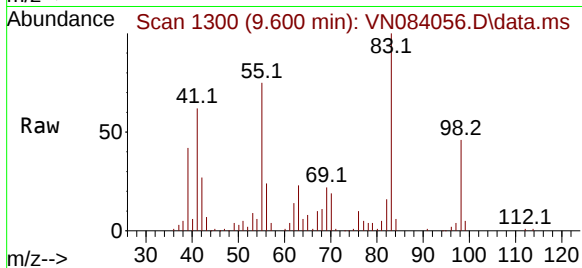
Tgt Ion: 83 Resp: 112096

Ion Ratio Lower Upper

83 100

55 75.3 62.2 93.4

98 46.4 37.6 56.4



#40

Benzene

Concen: 47.737 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN084056.D

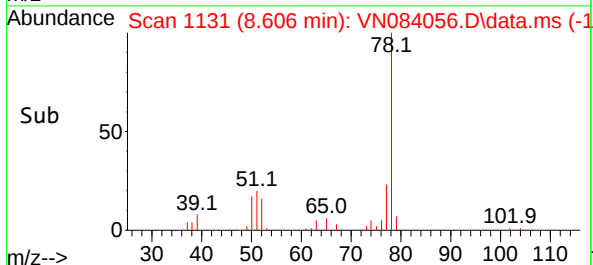
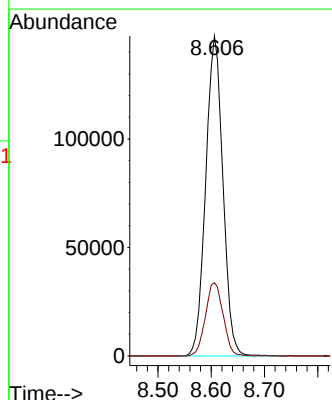
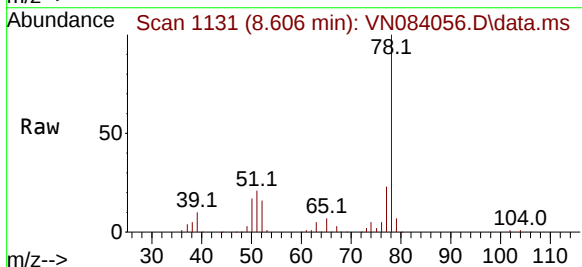
Acq: 20 Sep 2024 00:06

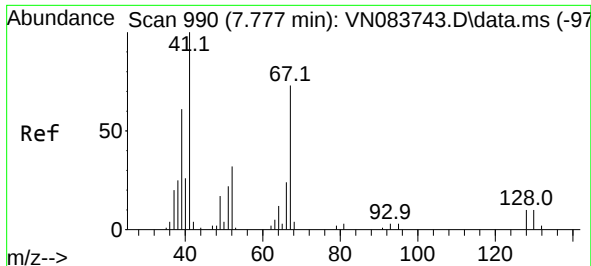
Tgt Ion: 78 Resp: 330128

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6



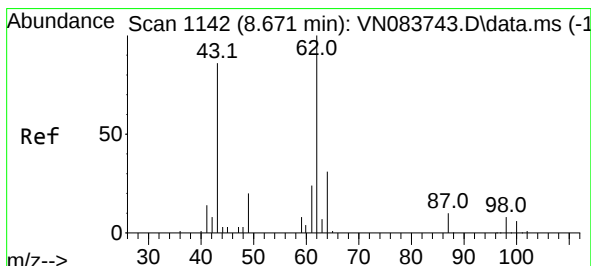
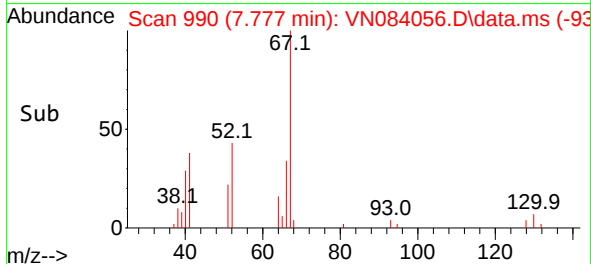
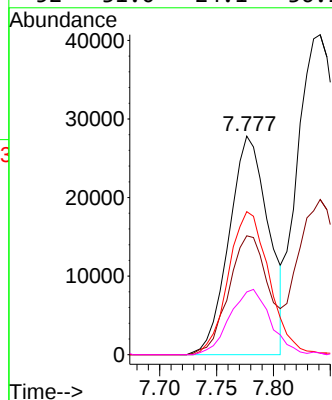
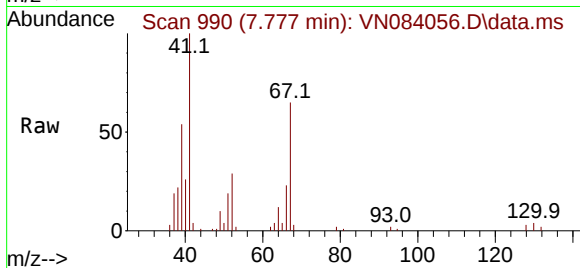


#41  
Methacrylonitrile  
Concen: 54.590 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 67337

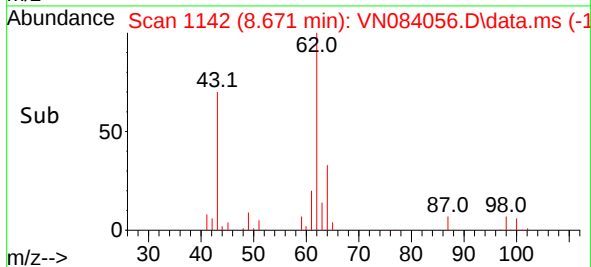
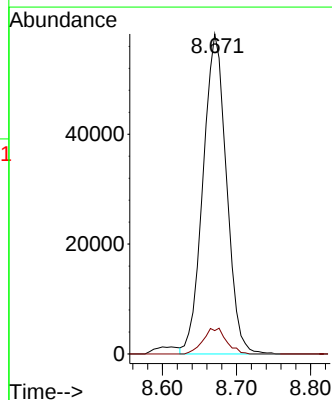
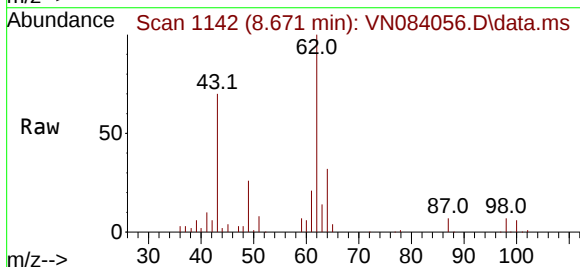
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.8  | 45.4  | 68.2  |
| 67  | 67.5  | 55.9  | 83.9  |
| 52  | 31.0  | 24.1  | 36.1  |

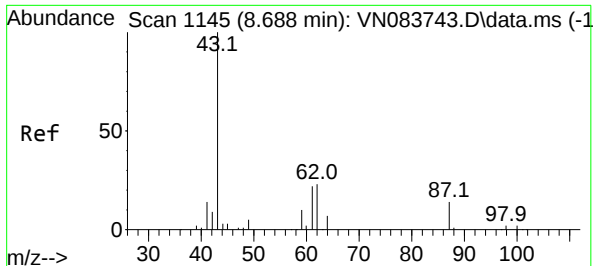


#42  
1,2-Dichloroethane  
Concen: 49.541 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 62 Resp: 128017

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.0   | 0.0   | 16.6  |

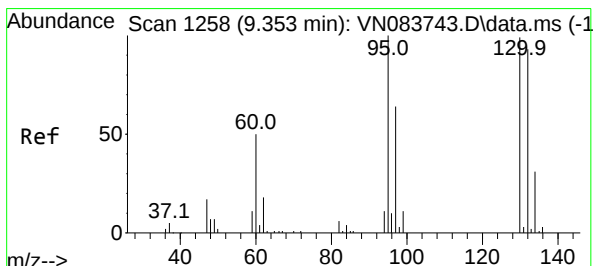
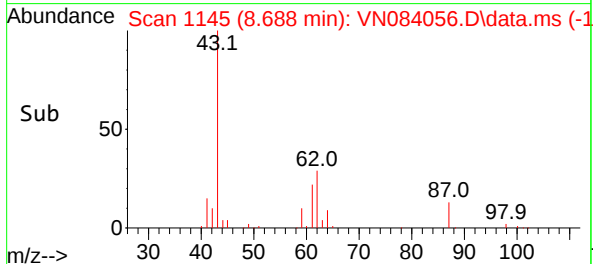
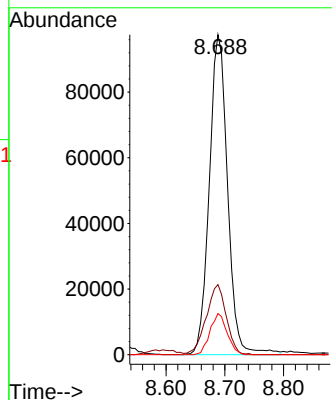
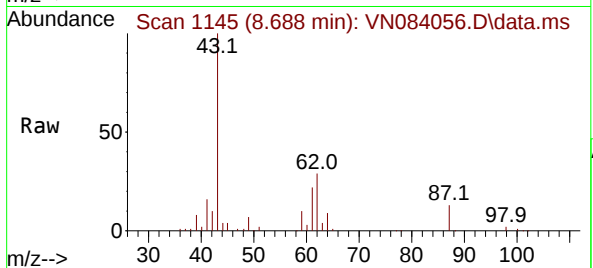




#43  
Isopropyl Acetate  
Concen: 55.856 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

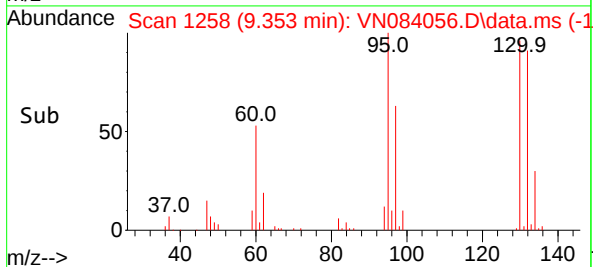
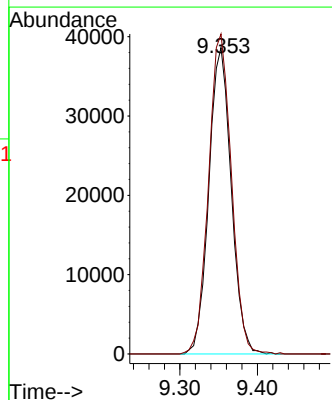
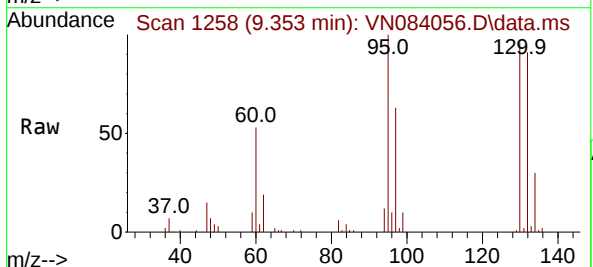
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

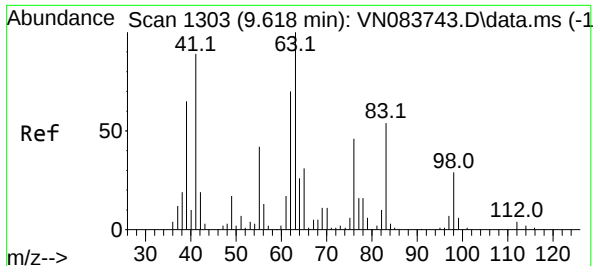
Tgt Ion: 43 Resp: 211094  
Ion Ratio Lower Upper  
43 100  
61 24.0 19.4 29.0  
87 12.0 9.8 14.6



#44  
Trichloroethene  
Concen: 48.325 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion:130 Resp: 77390  
Ion Ratio Lower Upper  
130 100  
95 104.4 0.0 200.4





#45

1,2-Dichloropropane

Concen: 49.716 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

Instrument :

MSVOA\_N

ClientSampleId :

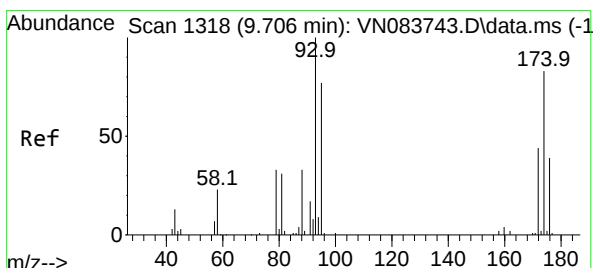
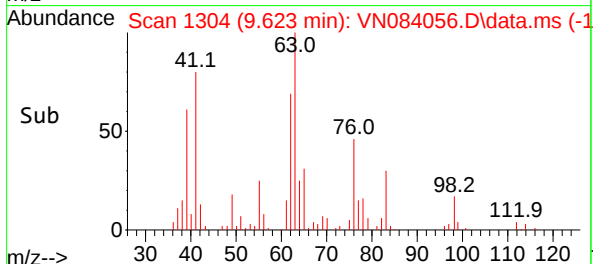
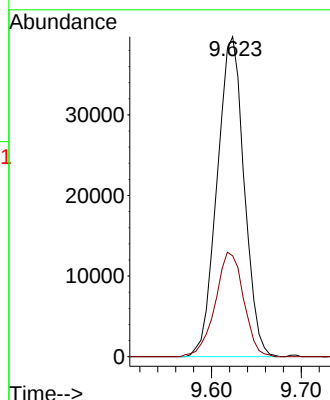
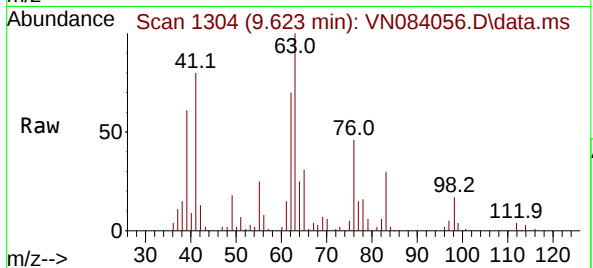
VSTDCCC050EC

Tgt Ion: 63 Resp: 83097

Ion Ratio Lower Upper

63 100

65 31.5 25.9 38.9



#46

Dibromomethane

Concen: 51.113 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

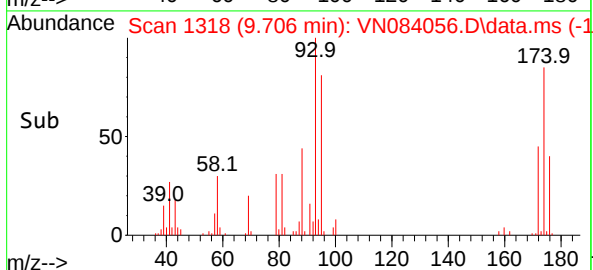
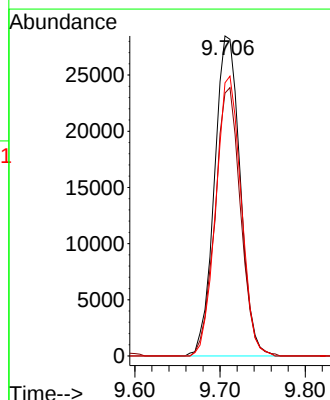
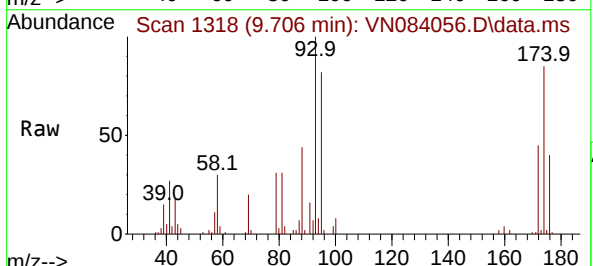
Tgt Ion: 93 Resp: 59839

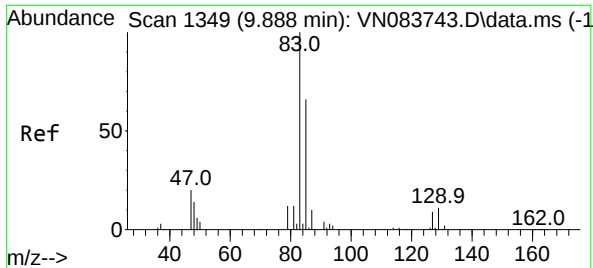
Ion Ratio Lower Upper

93 100

95 83.1 65.3 97.9

174 85.9 71.0 106.4

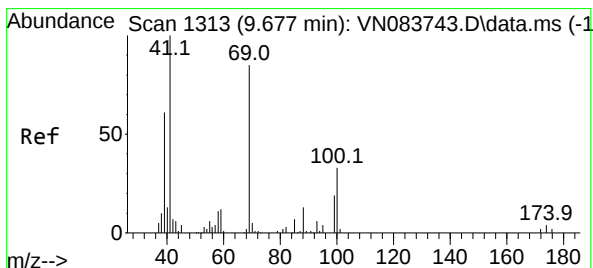
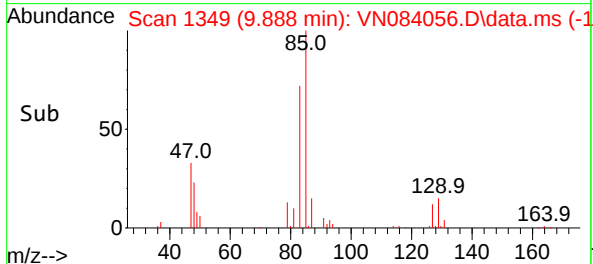
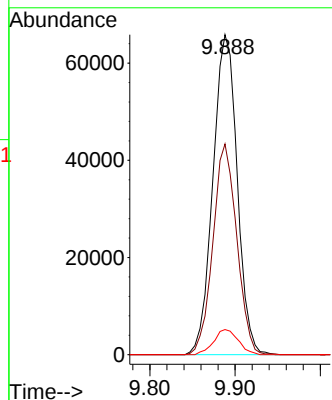
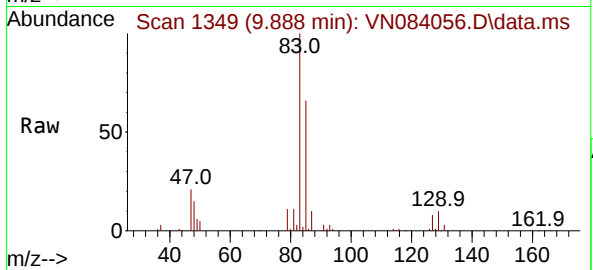




#47  
Bromodichloromethane  
Concen: 51.397 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

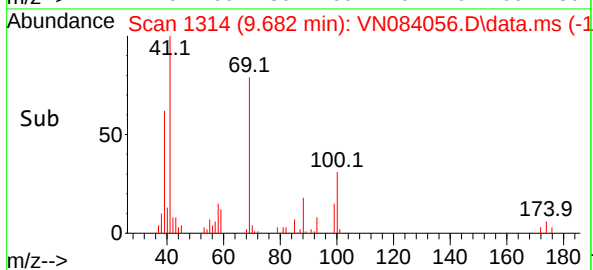
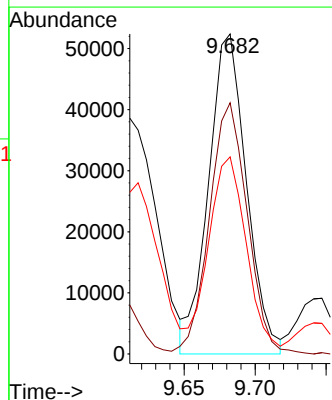
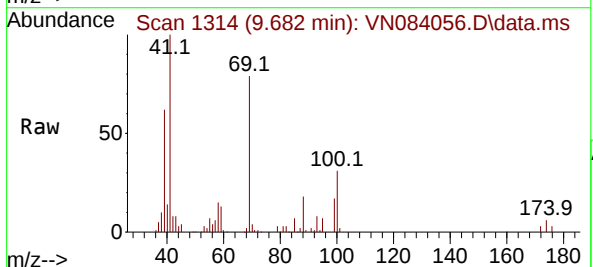
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

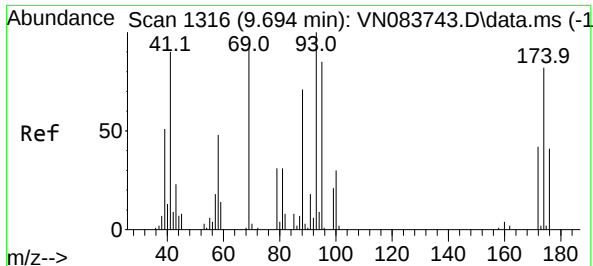
Tgt Ion: 83 Resp: 130224  
Ion Ratio Lower Upper  
83 100  
85 65.8 51.8 77.8  
127 7.8 6.6 9.8



#48  
Methyl methacrylate  
Concen: 54.268 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 41 Resp: 97304  
Ion Ratio Lower Upper  
41 100  
69 78.5 64.3 96.5  
39 62.8 48.9 73.3





#49

1,4-Dioxane

Concen: 1178.847 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

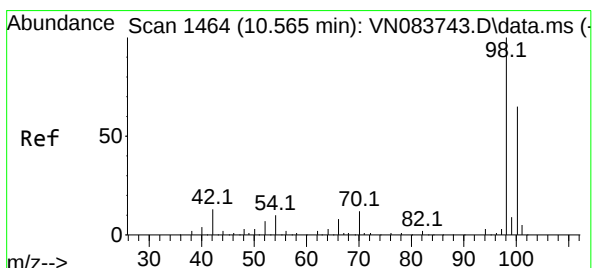
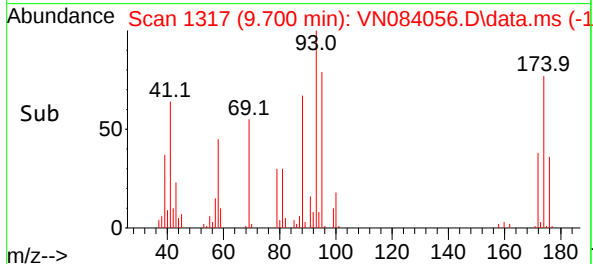
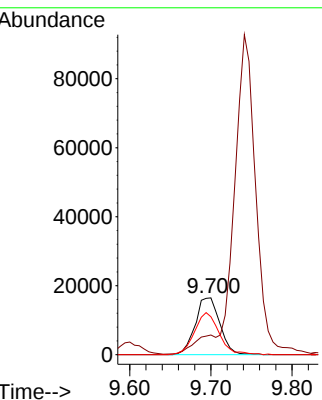
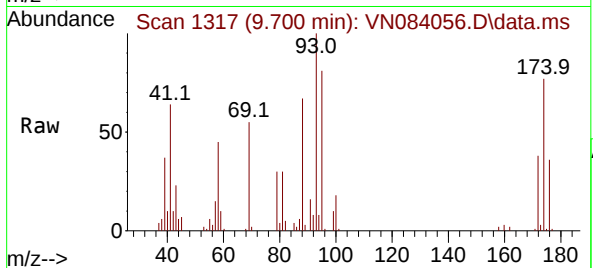
Tgt Ion: 88 Resp: 34772

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.1 57.1 85.7



#50

Toluene-d8

Concen: 52.908 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084056.D

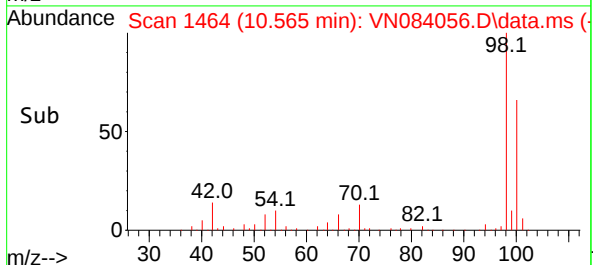
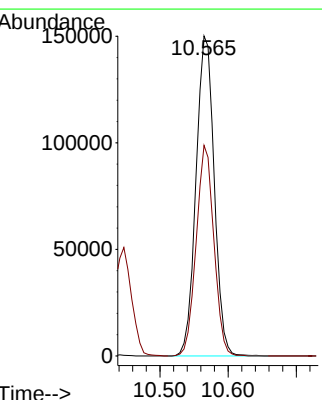
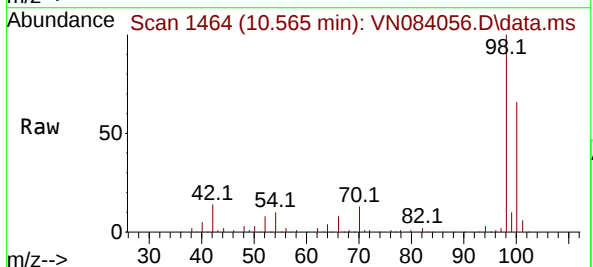
Acq: 20 Sep 2024 00:06

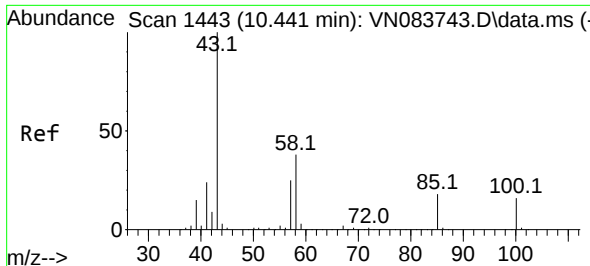
Tgt Ion: 98 Resp: 279206

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

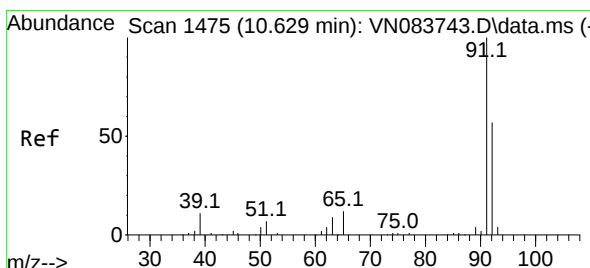
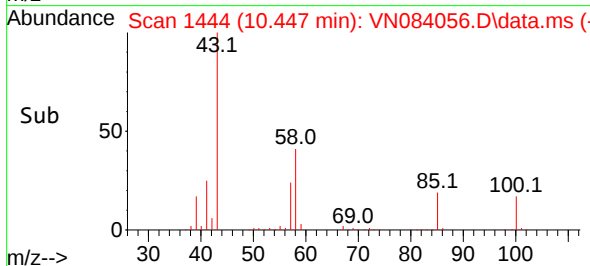
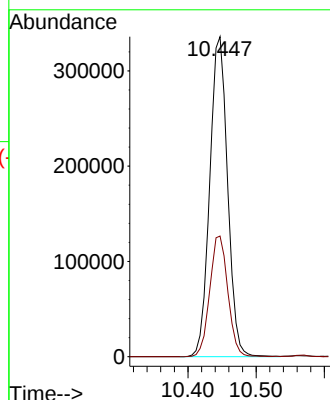
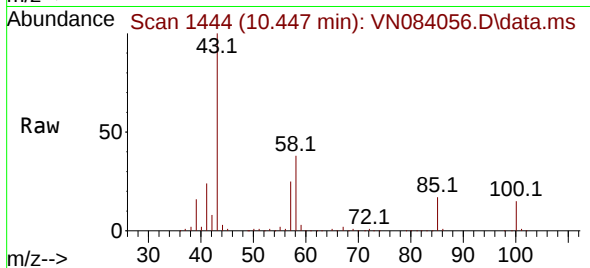




#51  
4-Methyl-2-Pentanone  
Concen: 297.183 ug/l  
RT: 10.447 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

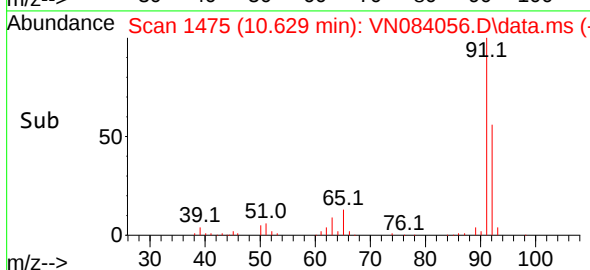
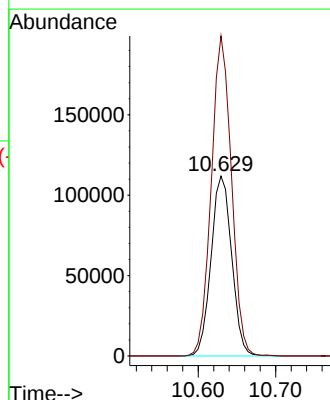
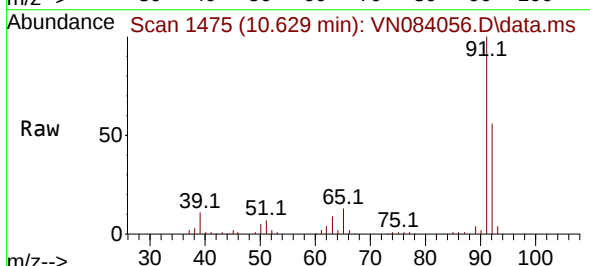
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

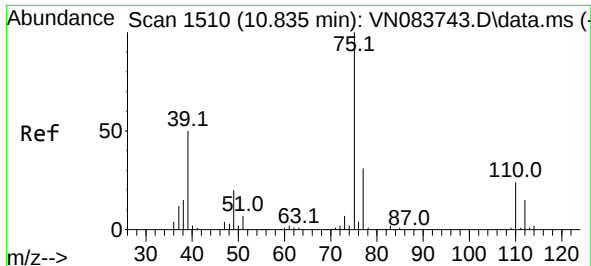
Tgt Ion: 43 Resp: 611382  
Ion Ratio Lower Upper  
43 100  
58 38.3 31.6 47.4



#52  
Toluene  
Concen: 49.035 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 92 Resp: 207418  
Ion Ratio Lower Upper  
92 100  
91 174.0 134.7 202.1

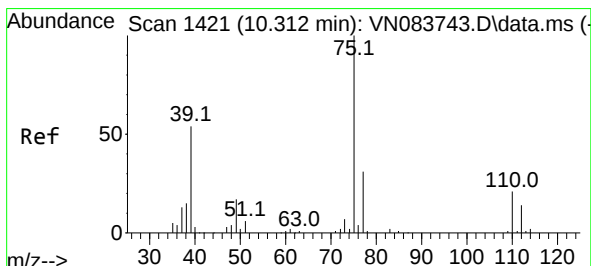
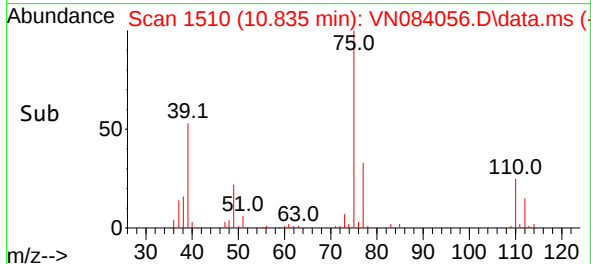
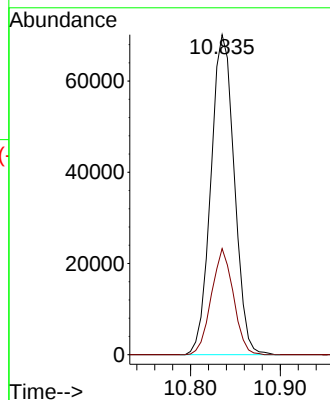
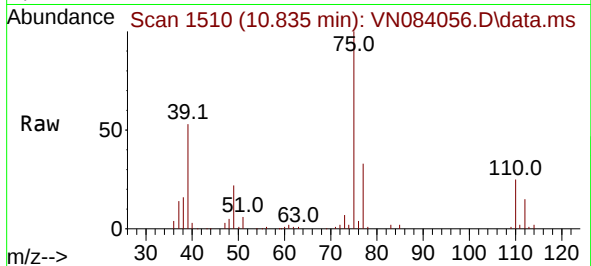




#53  
 t-1,3-Dichloropropene  
 Concen: 49.587 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. -0.000 min  
 Lab File: VN084056.D  
 Acq: 20 Sep 2024 00:06

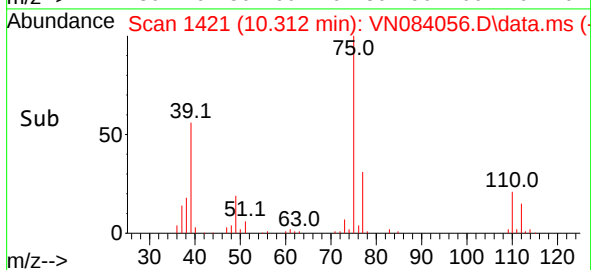
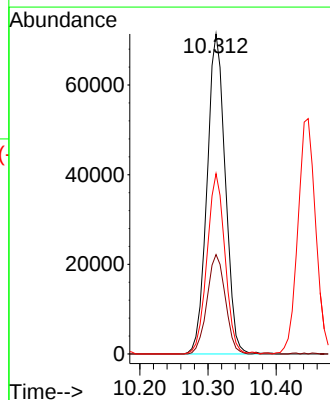
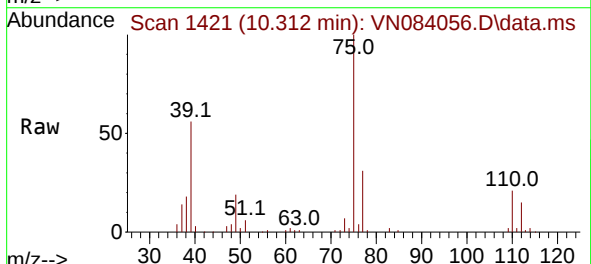
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

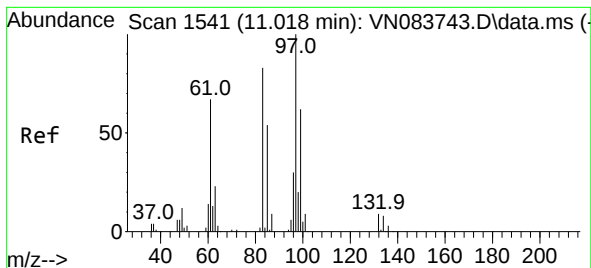
Tgt Ion: 75 Resp: 127349  
 Ion Ratio Lower Upper  
 75 100  
 77 33.1 25.8 38.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.245 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.000 min  
 Lab File: VN084056.D  
 Acq: 20 Sep 2024 00:06

Tgt Ion: 75 Resp: 132849  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.0 37.6  
 39 56.4 42.6 64.0

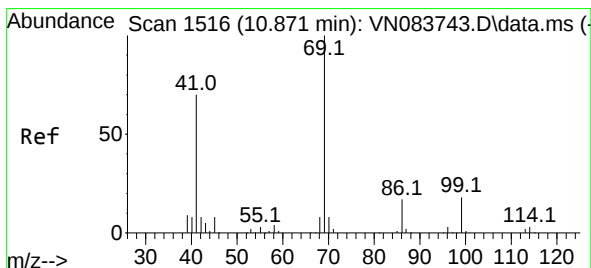
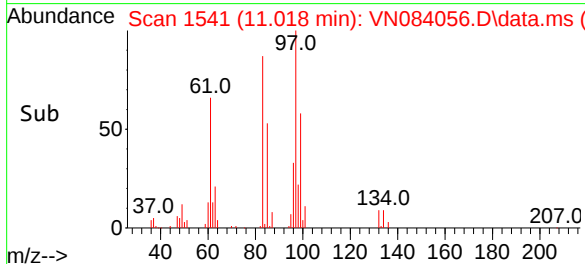
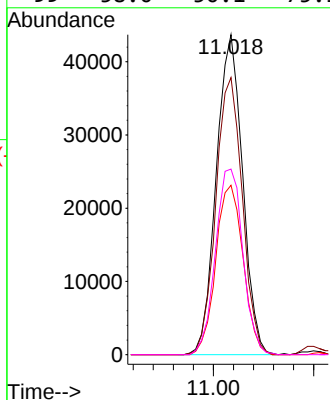
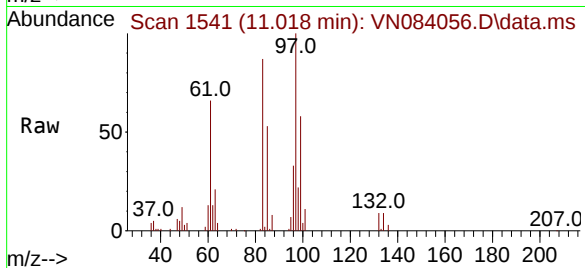




#55  
1,1,2-Trichloroethane  
Concen: 50.357 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

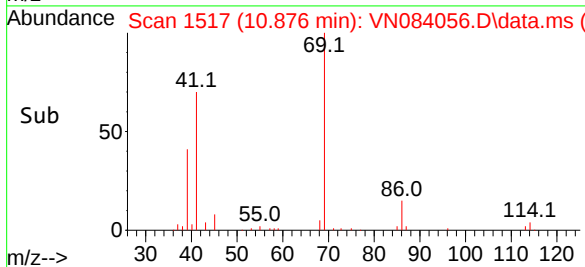
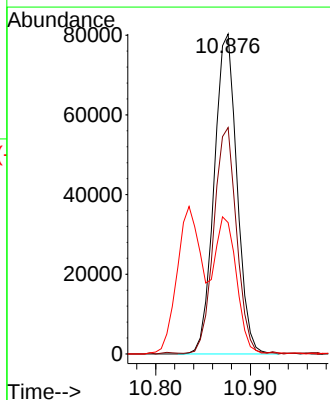
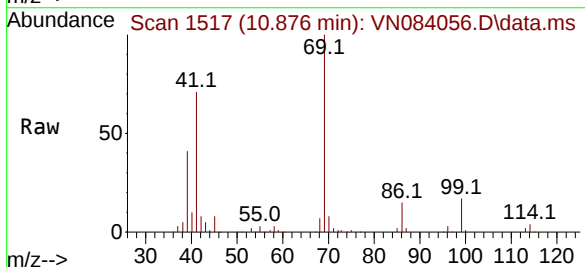
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

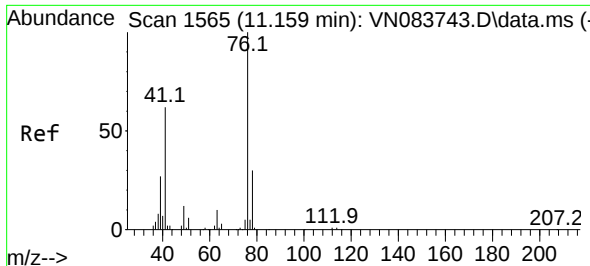
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 79523 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.6  | 67.5  | 101.3 |
| 85       | 53.0  | 44.2  | 66.2  |
| 99       | 58.0  | 50.1  | 75.1  |



#56  
Ethyl methacrylate  
Concen: 55.343 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 134463 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 71.0  | 53.9  | 80.9   |
| 39       | 43.0  | 32.6  | 48.8   |





#57

1,3-Dichloropropane

Concen: 51.526 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

Instrument :

MSVOA\_N

ClientSampleId :

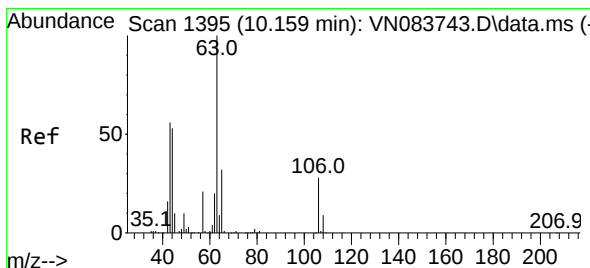
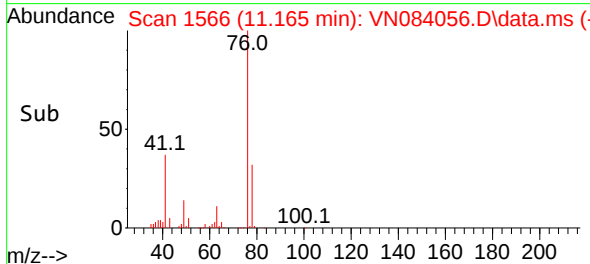
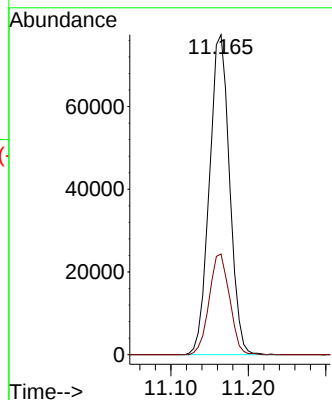
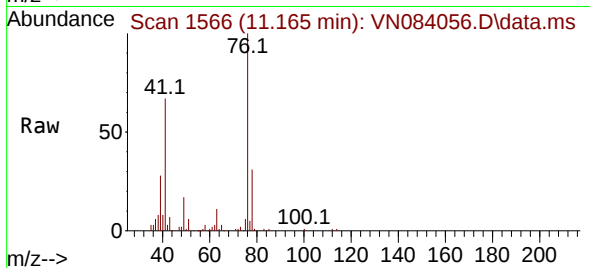
VSTDCCC050EC

Tgt Ion: 76 Resp: 139849

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 325.792 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084056.D

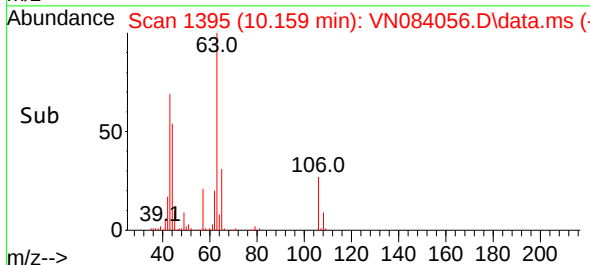
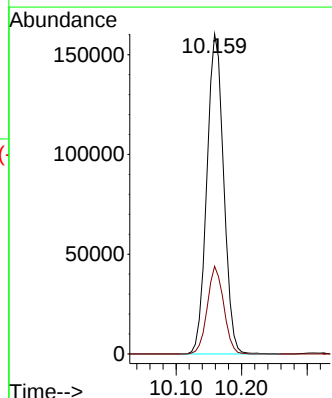
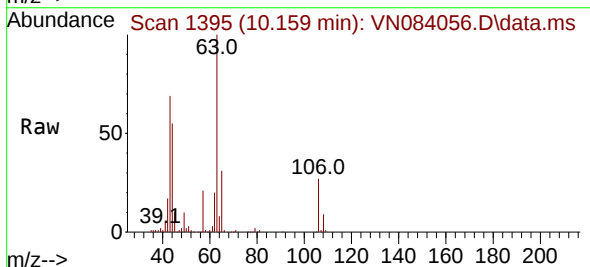
Acq: 20 Sep 2024 00:06

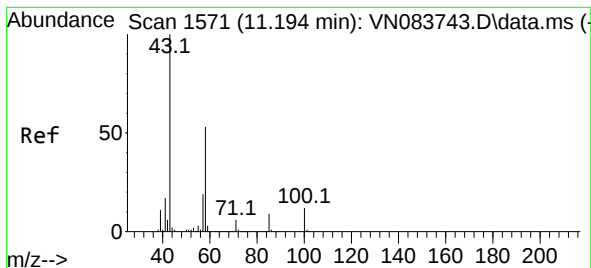
Tgt Ion: 63 Resp: 285217

Ion Ratio Lower Upper

63 100

106 26.7 23.3 34.9

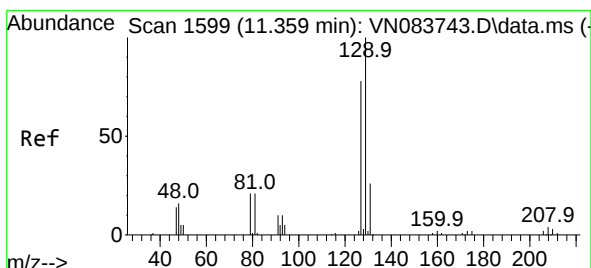
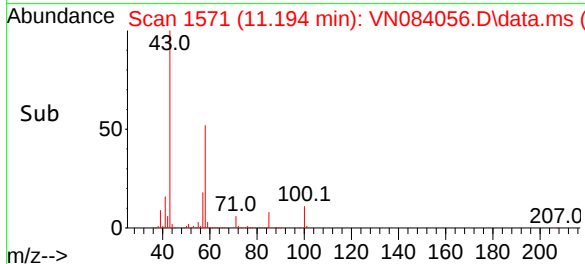
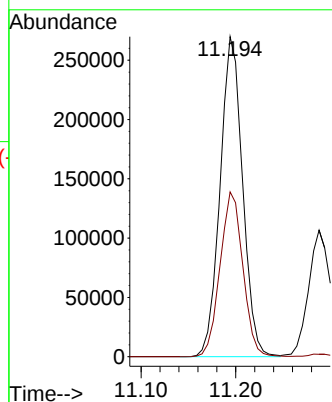
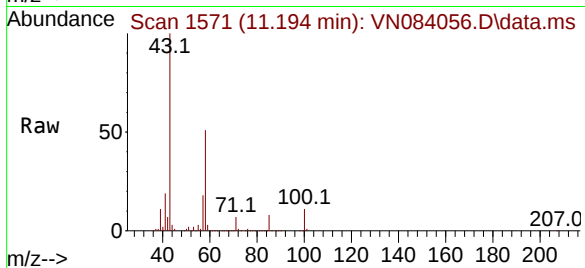




#59  
2-Hexanone  
Concen: 292.900 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

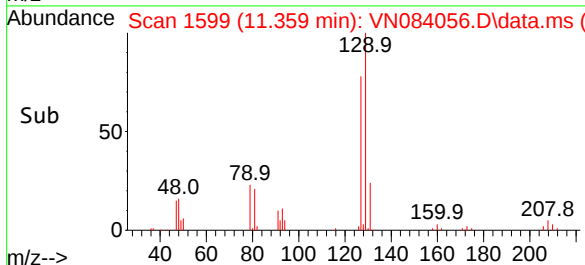
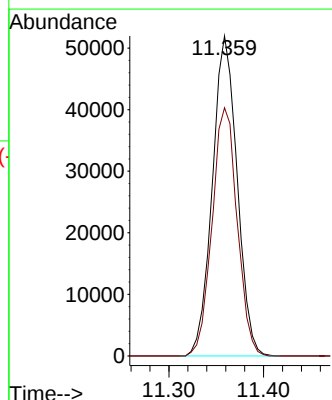
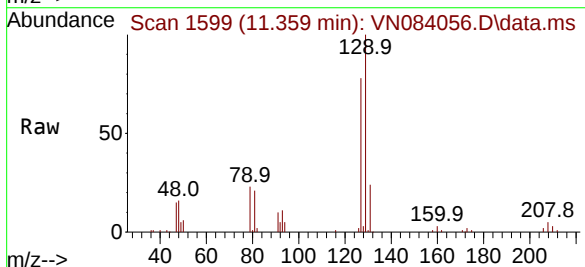
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

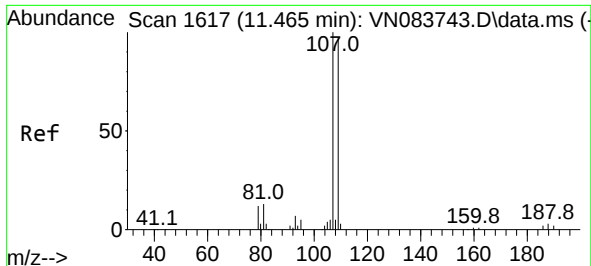
Tgt Ion: 43 Resp: 445735  
Ion Ratio Lower Upper  
43 100  
58 52.2 27.2 81.5



#60  
Dibromochloromethane  
Concen: 53.449 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion:129 Resp: 94463  
Ion Ratio Lower Upper  
129 100  
127 78.3 39.0 116.9

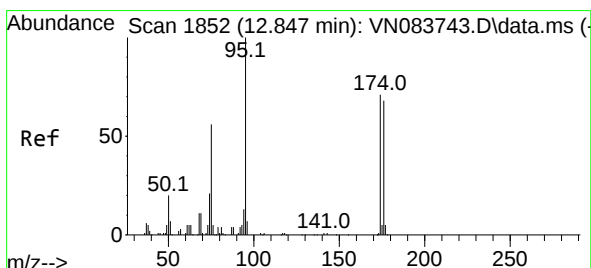
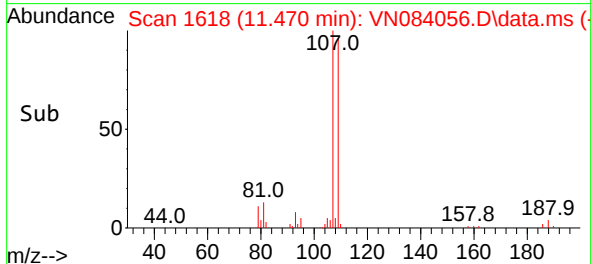
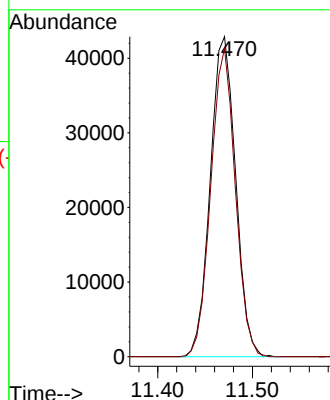
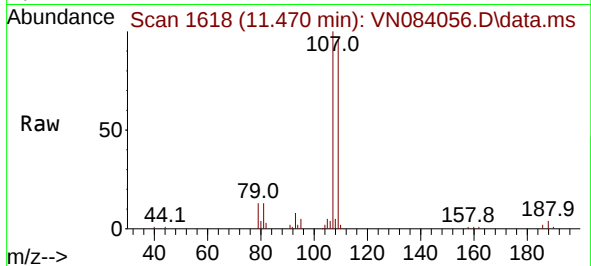




#61  
1,2-Dibromoethane  
Concen: 50.517 ug/l  
RT: 11.470 min Scan# 1617  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

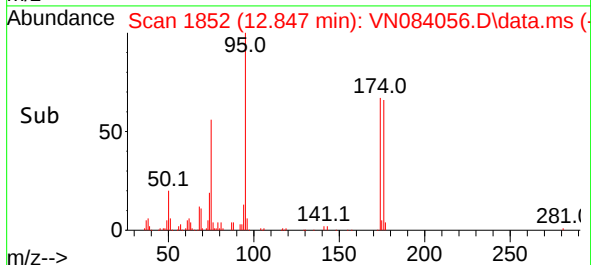
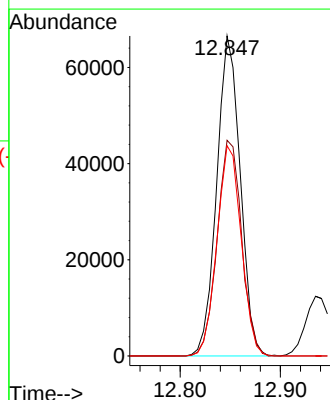
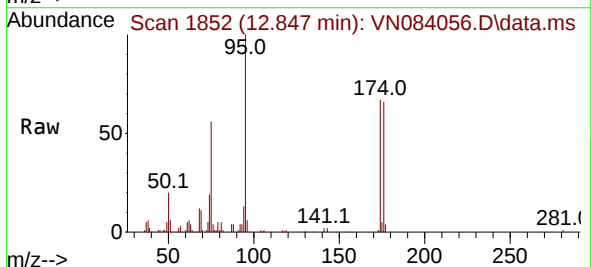
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

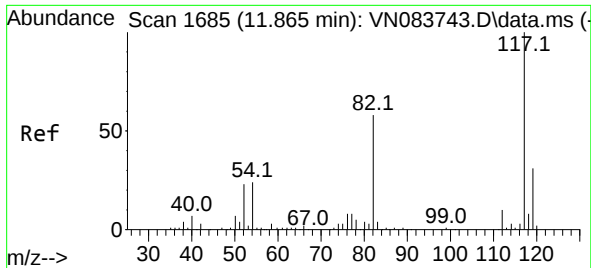
Tgt Ion:107 Resp: 79561  
Ion Ratio Lower Upper  
107 100  
109 93.2 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 49.723 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 95 Resp: 108260  
Ion Ratio Lower Upper  
95 100  
174 70.4 0.0 139.8  
176 68.0 0.0 131.4

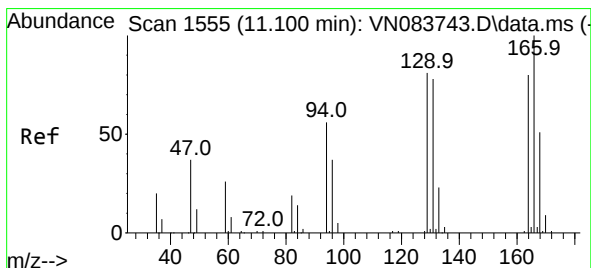
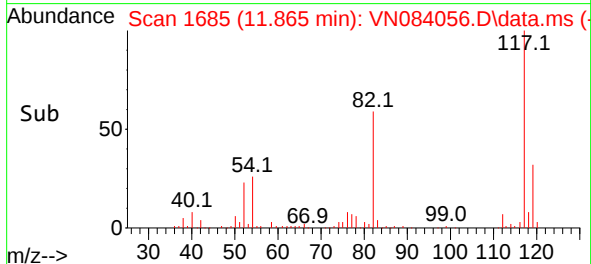
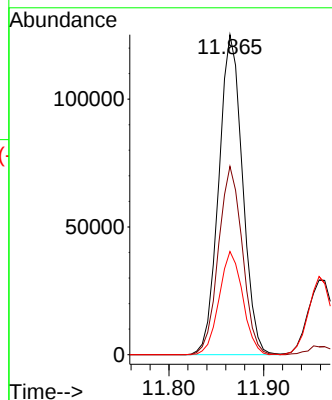
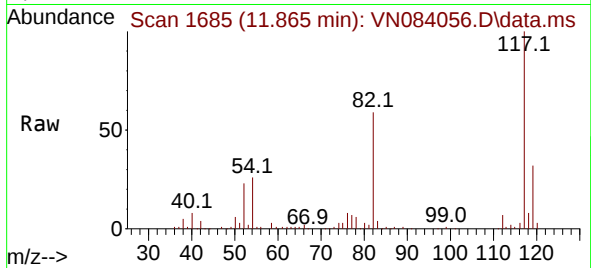




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

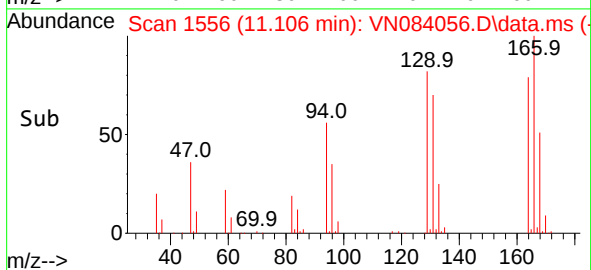
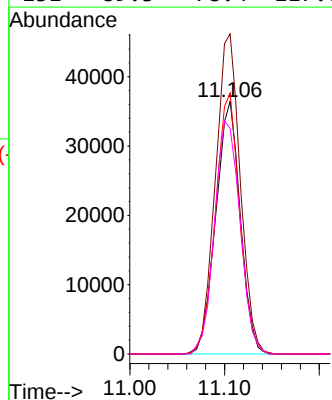
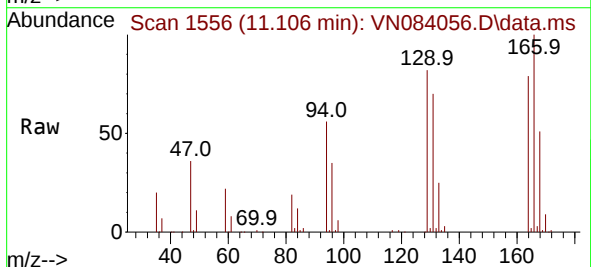
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

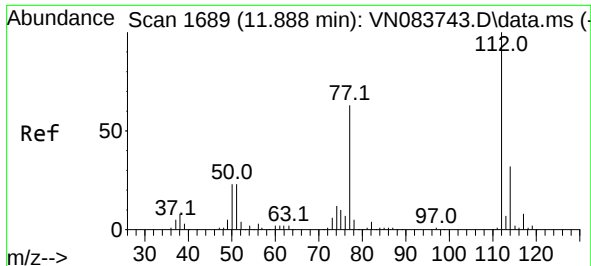
Tgt Ion:117 Resp: 218437  
Ion Ratio Lower Upper  
117 100  
82 58.9 47.4 71.0  
119 32.2 26.3 39.5



#64  
Tetrachloroethene  
Concen: 44.989 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion:164 Resp: 65354  
Ion Ratio Lower Upper  
164 100  
166 126.8 103.7 155.5  
129 103.4 79.9 119.9  
131 89.3 78.4 117.6

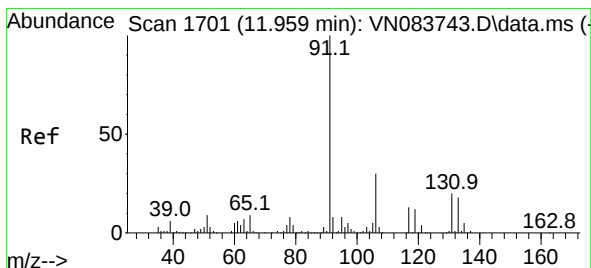
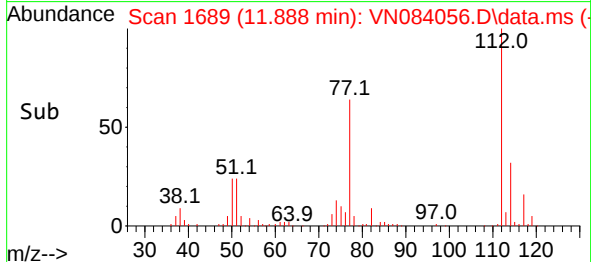
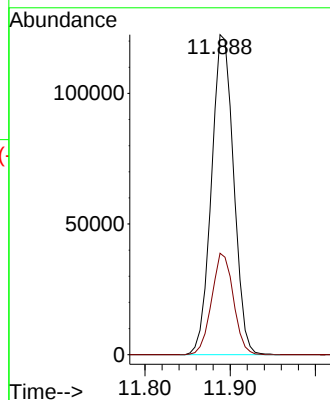
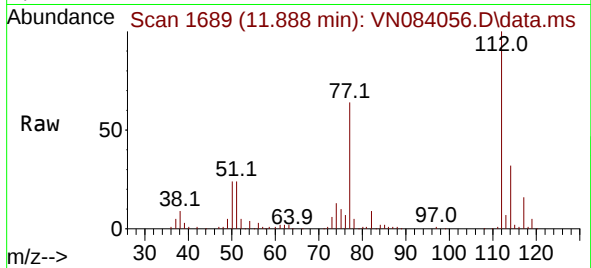




#65  
Chlorobenzene  
Concen: 45.565 ug/l  
RT: 11.888 min Scan# 1118  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

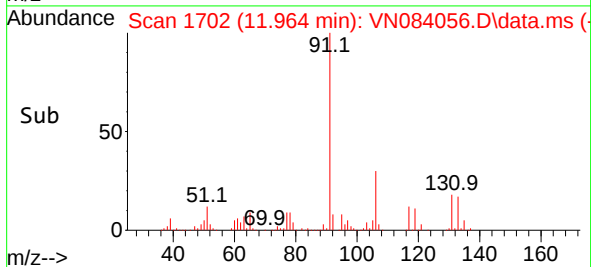
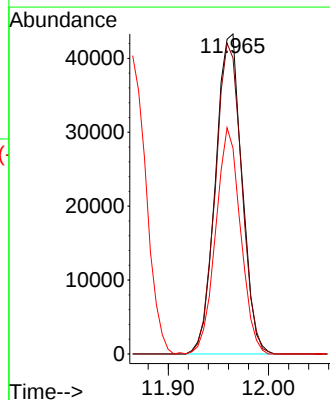
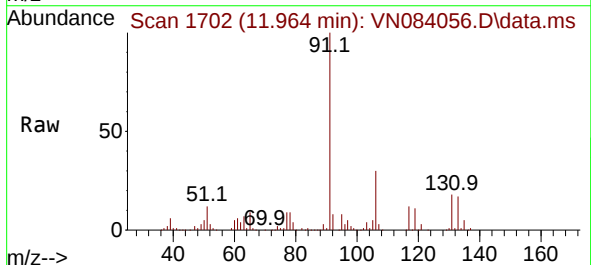
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

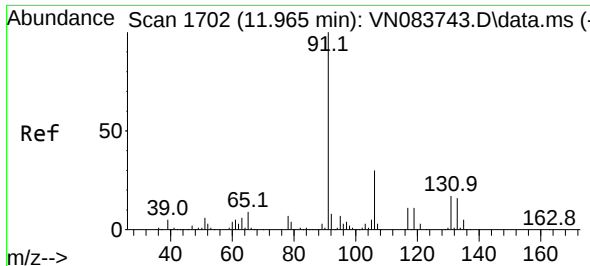
Tgt Ion:112 Resp: 221210  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.002 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion:131 Resp: 79107  
Ion Ratio Lower Upper  
131 100  
133 96.9 47.5 142.6  
119 66.5 31.6 94.8

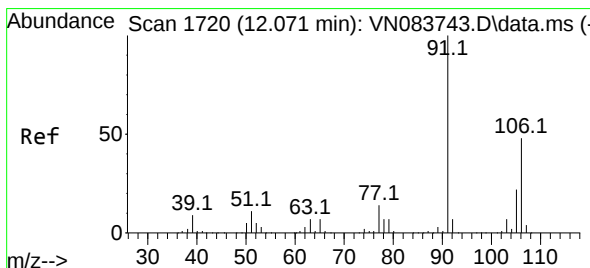
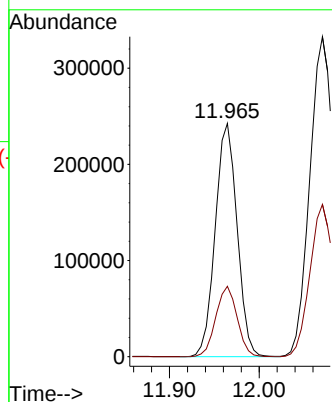
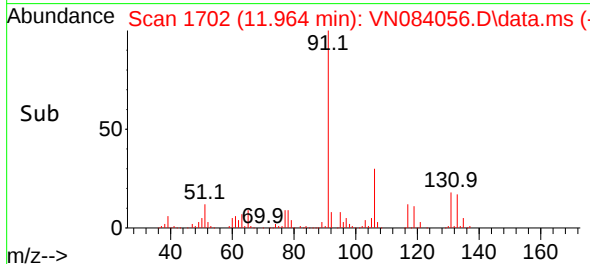
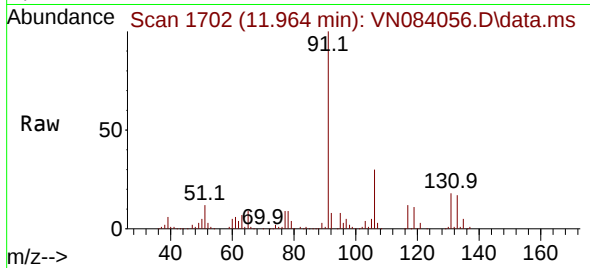




#67  
Ethyl Benzene  
Concen: 47.529 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

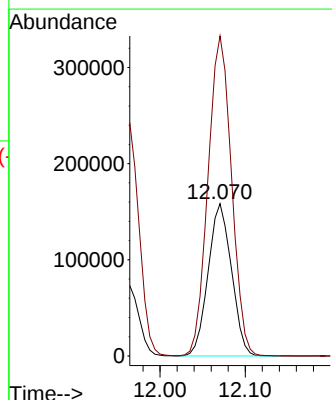
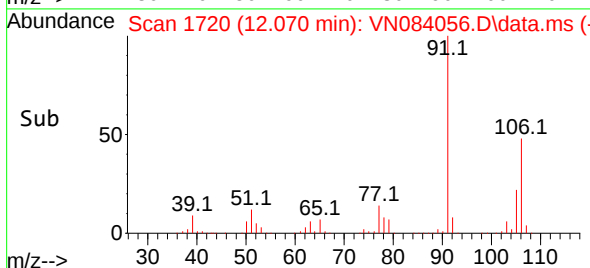
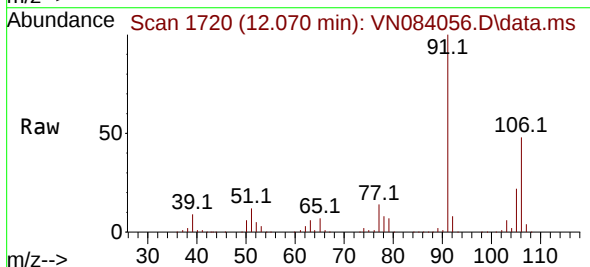
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

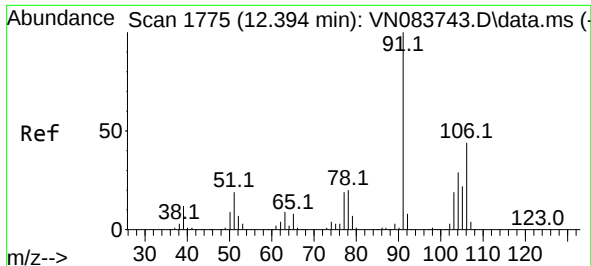
Tgt Ion: 91 Resp: 409908  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.3 36.5



#68  
m/p-Xylenes  
Concen: 94.236 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 106 Resp: 301735  
Ion Ratio Lower Upper  
106 100  
91 212.2 169.2 253.8

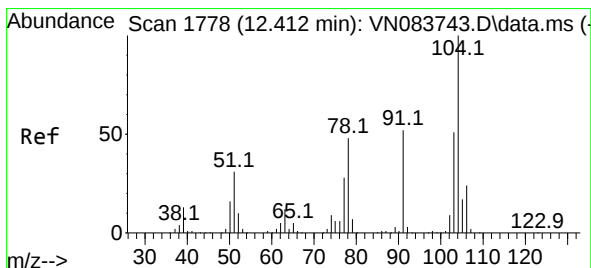
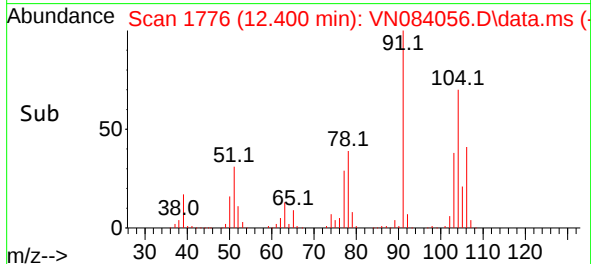
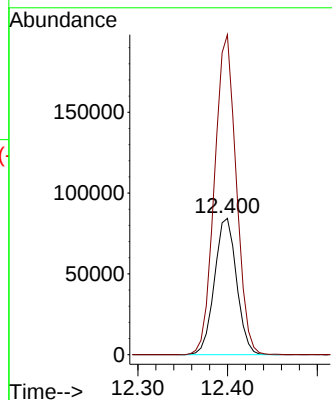
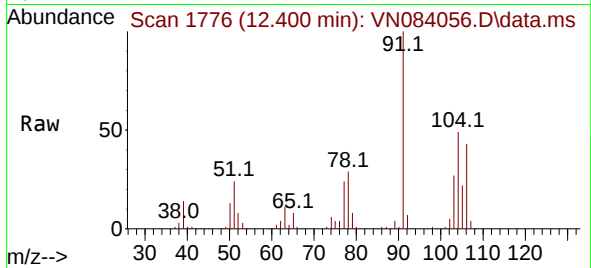




#69  
o-Xylene  
Concen: 46.585 ug/l  
RT: 12.400 min Scan# 1775  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

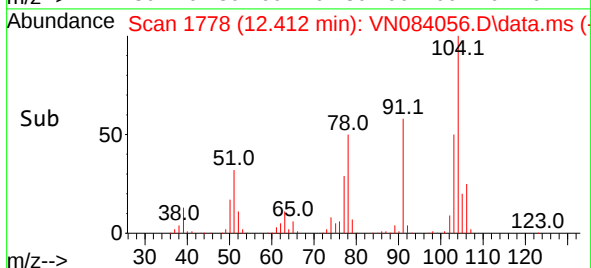
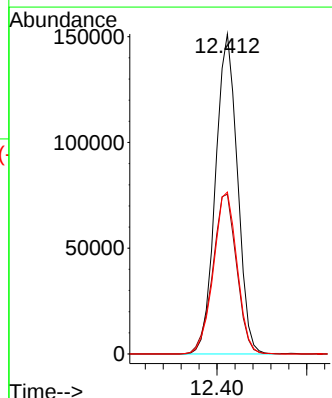
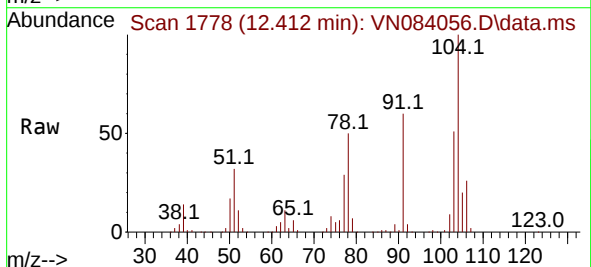
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

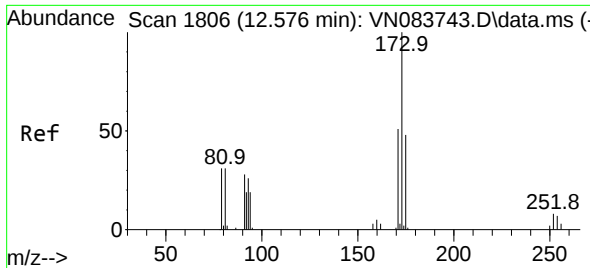
Tgt Ion:106 Resp: 144399  
Ion Ratio Lower Upper  
106 100  
91 230.3 112.9 338.6



#70  
Styrene  
Concen: 50.393 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion:104 Resp: 256350  
Ion Ratio Lower Upper  
104 100  
78 54.3 43.3 64.9  
103 54.5 43.4 65.2

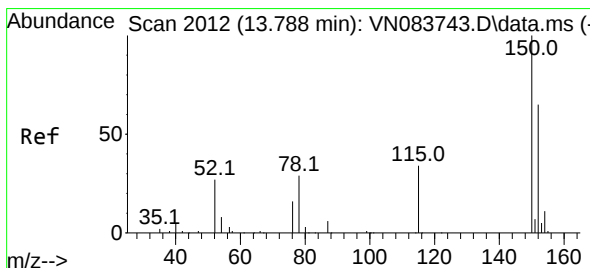
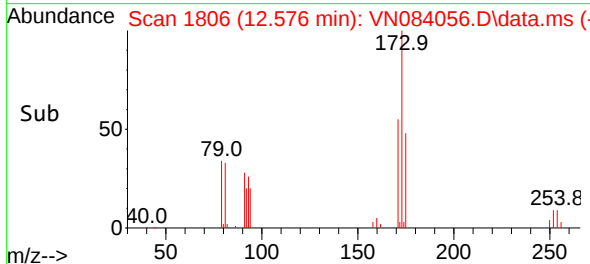
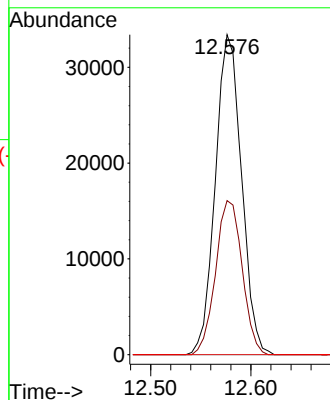
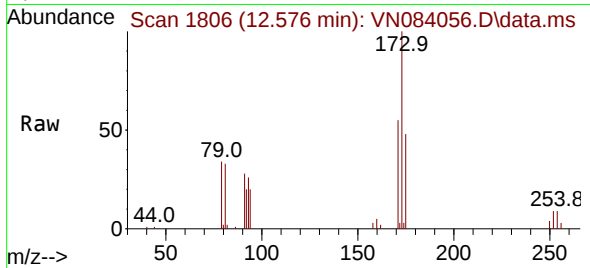




#71  
Bromoform  
Concen: 53.414 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

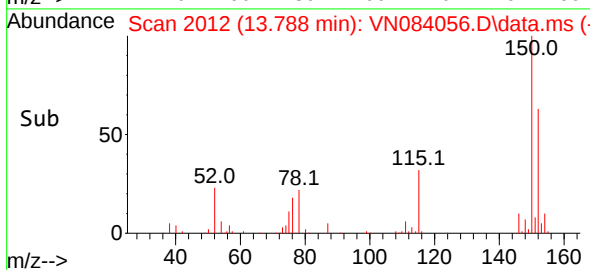
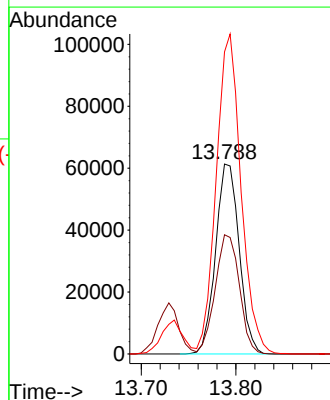
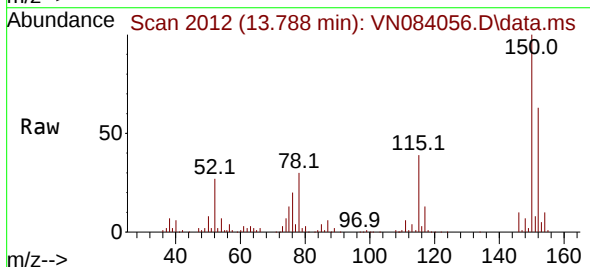
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

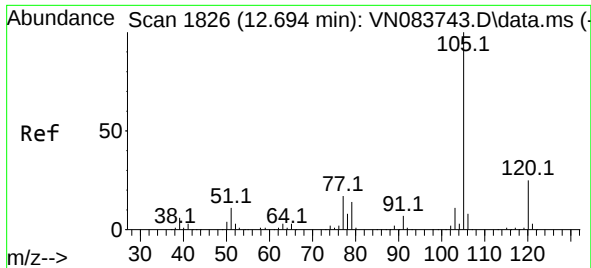
Tgt Ion:173 Resp: 60579  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.1 72.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion:152 Resp: 106112  
Ion Ratio Lower Upper  
152 100  
115 64.3 32.2 96.6  
150 177.2 0.0 348.6

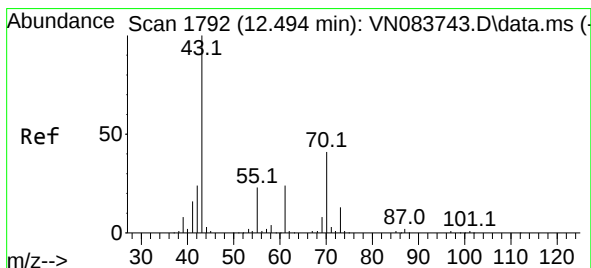
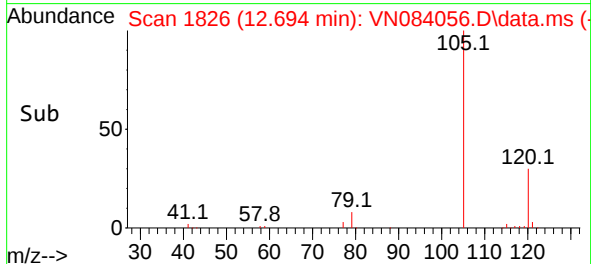
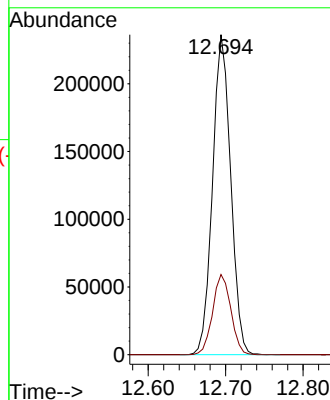
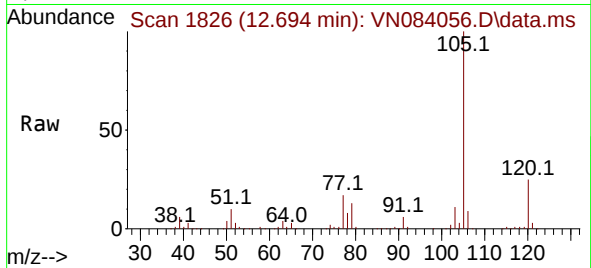




#73  
Isopropylbenzene  
Concen: 46.796 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

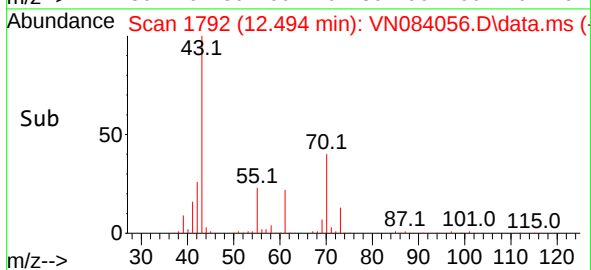
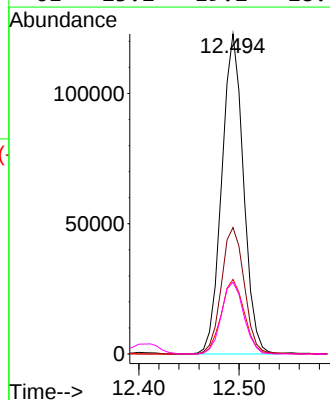
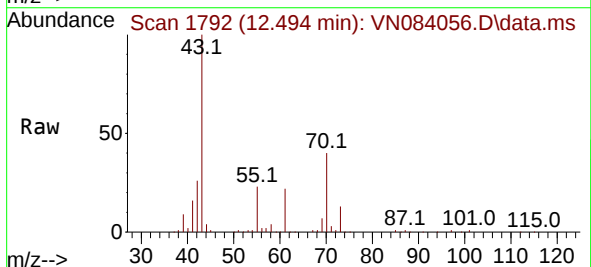
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

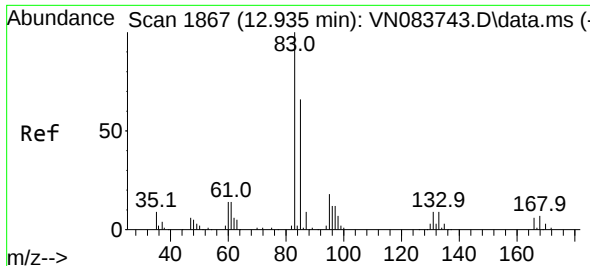
Tgt Ion:105 Resp: 384172  
Ion Ratio Lower Upper  
105 100  
120 25.1 12.6 37.8



#74  
N-ethyl acetate  
Concen: 52.697 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 43 Resp: 184577  
Ion Ratio Lower Upper  
43 100  
70 41.6 34.5 51.7  
55 24.8 18.6 28.0  
61 23.2 19.2 28.8

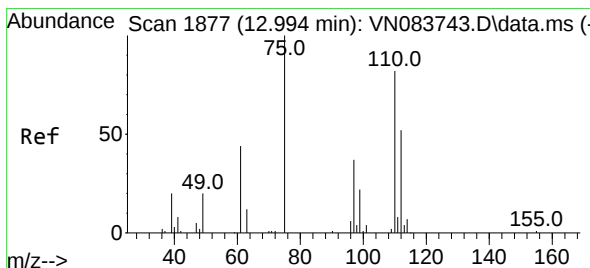
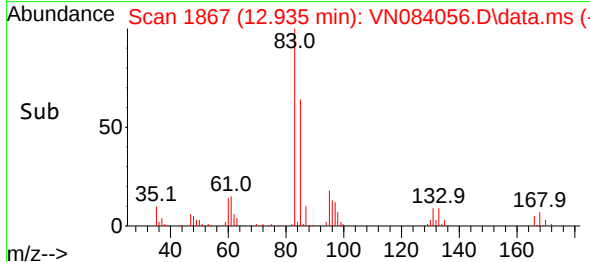
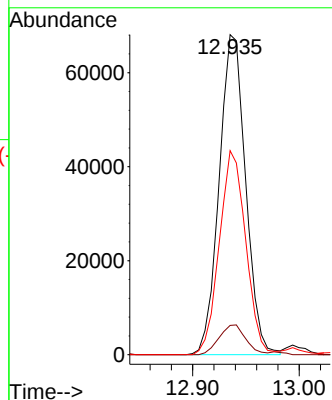
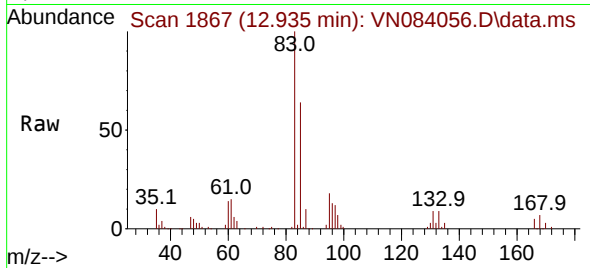




#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.695 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

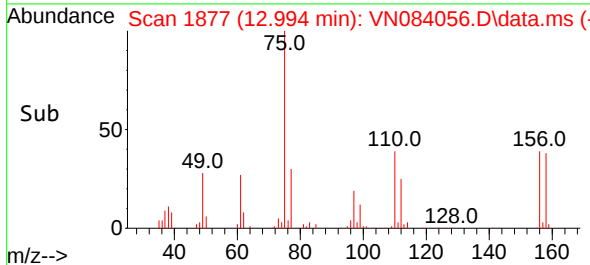
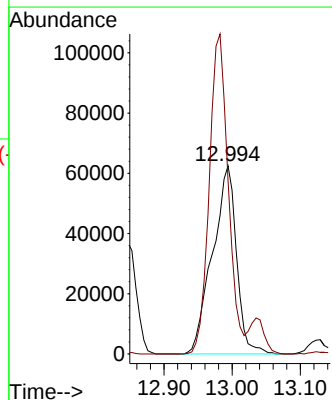
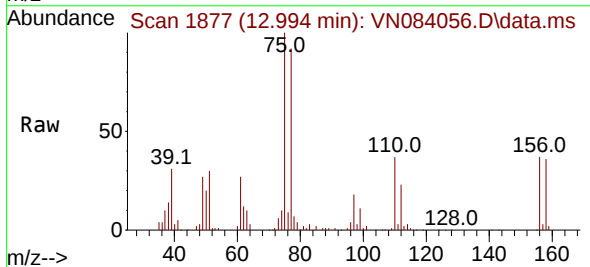
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

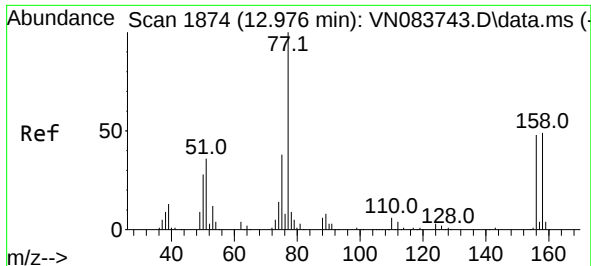
Tgt Ion: 83 Resp: 117458  
Ion Ratio Lower Upper  
83 100  
131 9.4 5.2 15.6  
85 63.6 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 71.464 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 75 Resp: 153014  
Ion Ratio Lower Upper  
75 100  
77 134.2 95.2 285.6

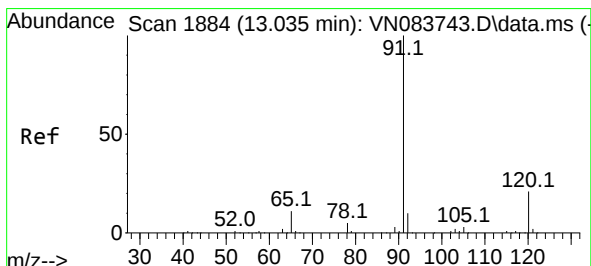
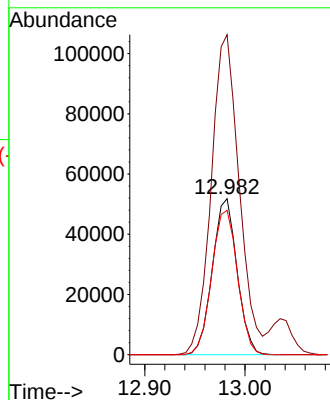
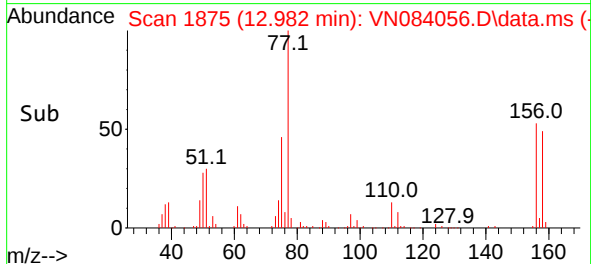
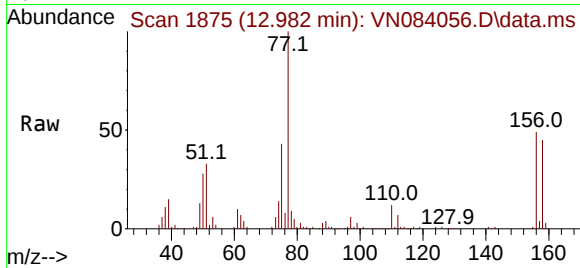




#77  
Bromobenzene  
Concen: 44.891 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

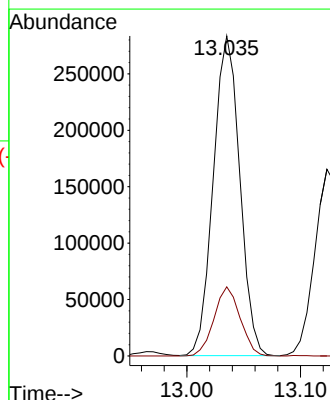
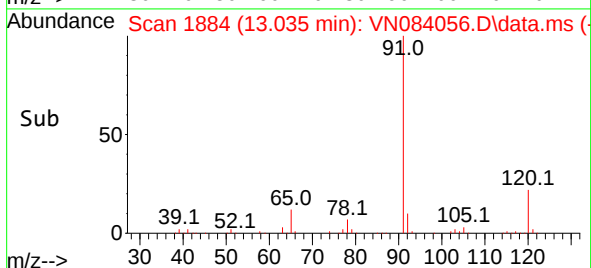
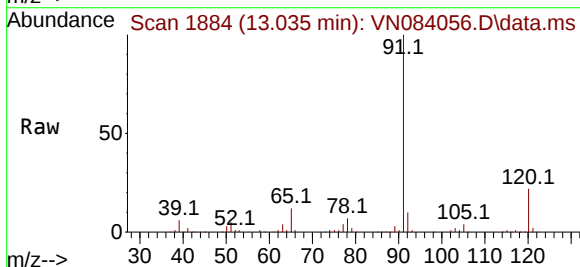
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

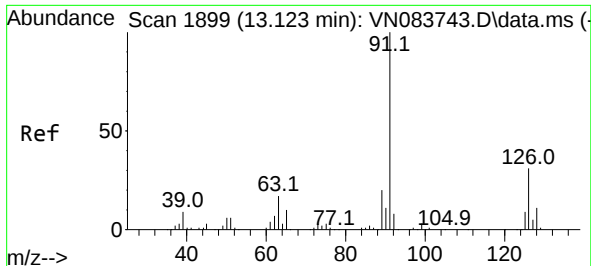
Tgt Ion:156 Resp: 88710  
Ion Ratio Lower Upper  
156 100  
77 231.5 114.3 343.1  
158 96.2 48.9 146.7



#78  
n-propylbenzene  
Concen: 47.955 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 91 Resp: 458058  
Ion Ratio Lower Upper  
91 100  
120 21.3 11.0 33.0

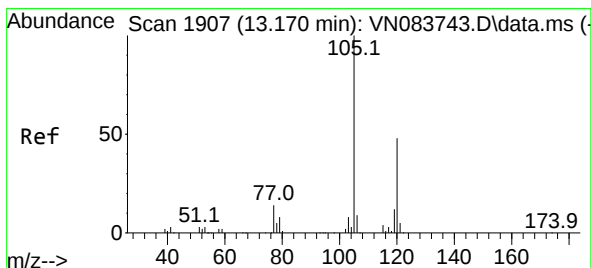
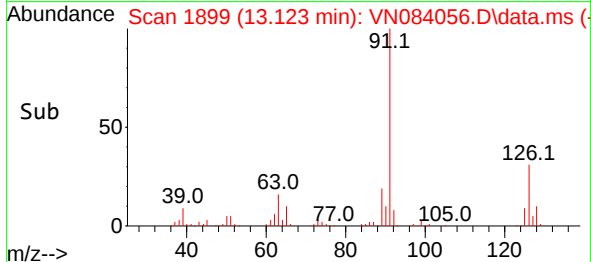
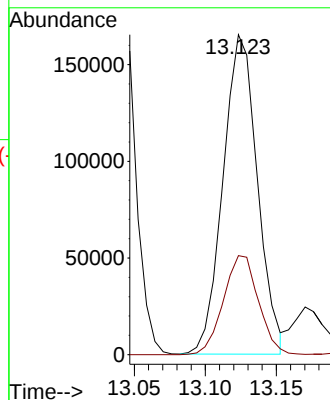
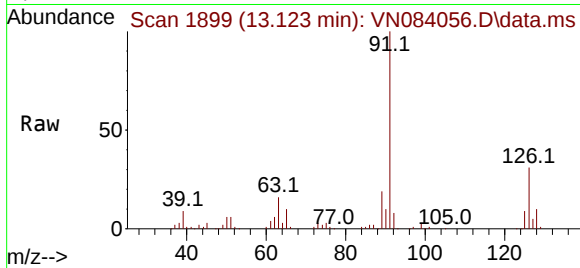




#79  
2-Chlorotoluene  
Concen: 45.662 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

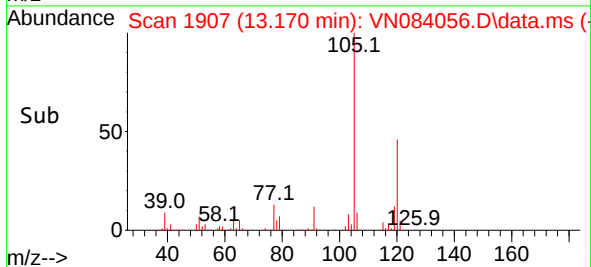
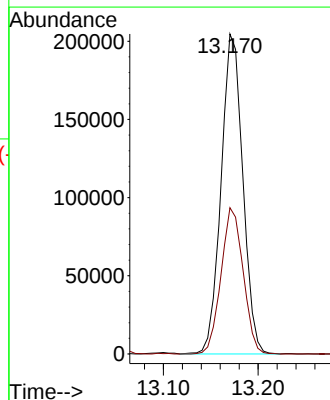
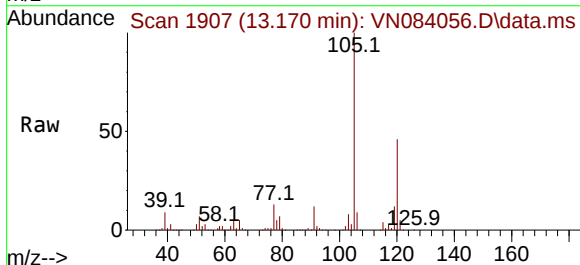
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

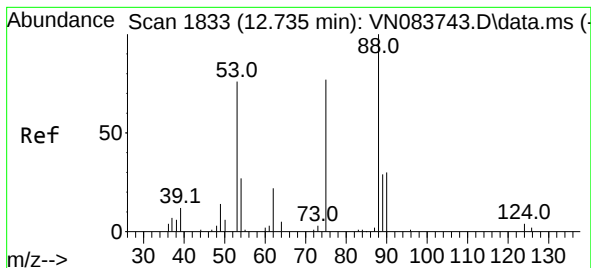
Tgt Ion: 91 Resp: 278161  
Ion Ratio Lower Upper  
91 100  
126 31.7 15.4 46.2



#80  
1,3,5-Trimethylbenzene  
Concen: 47.174 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 105 Resp: 326507  
Ion Ratio Lower Upper  
105 100  
120 46.5 23.4 70.3

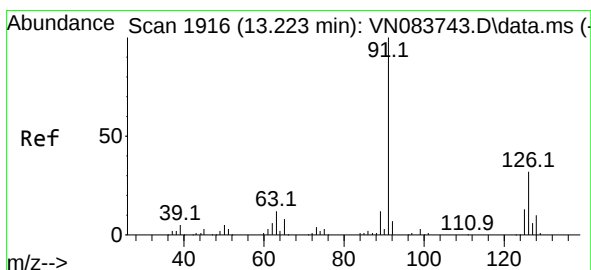
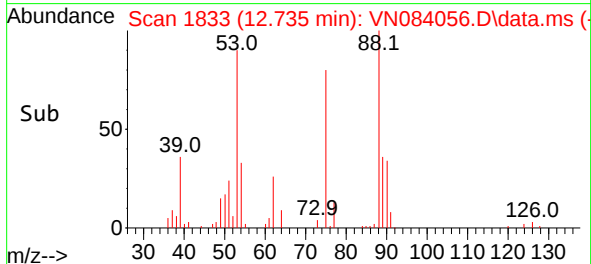
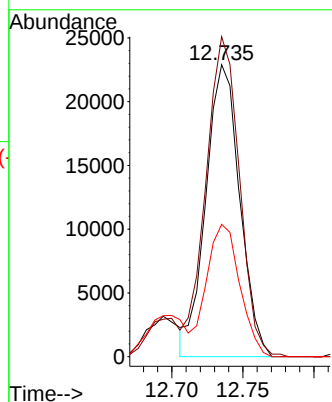
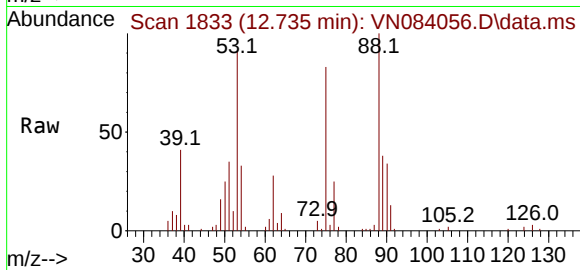




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.485 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

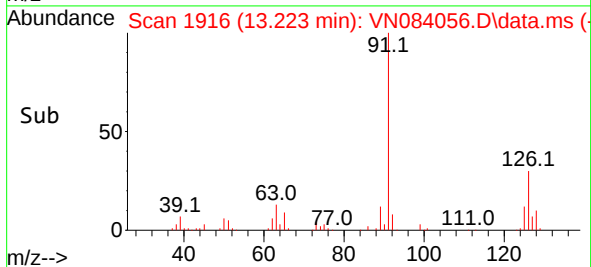
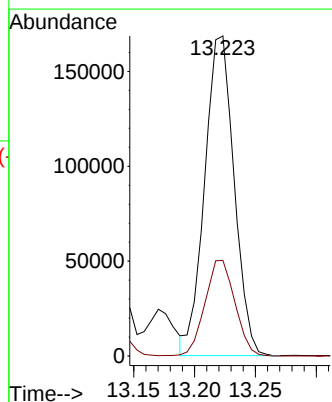
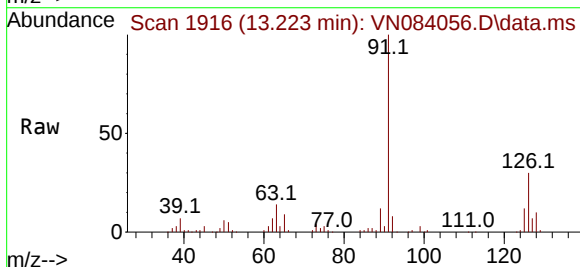
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

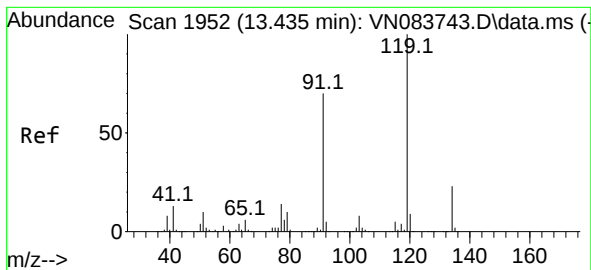
Tgt Ion: 75 Resp: 38002  
Ion Ratio Lower Upper  
75 100  
53 108.9 81.2 121.8  
89 44.7 35.7 53.5



#82  
4-Chlorotoluene  
Concen: 46.389 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 91 Resp: 283580  
Ion Ratio Lower Upper  
91 100  
126 30.5 15.4 46.2

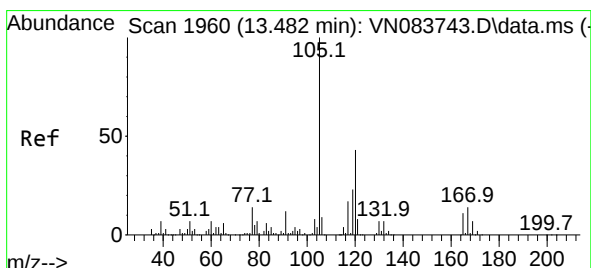
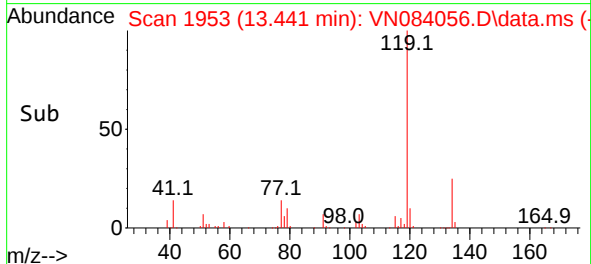
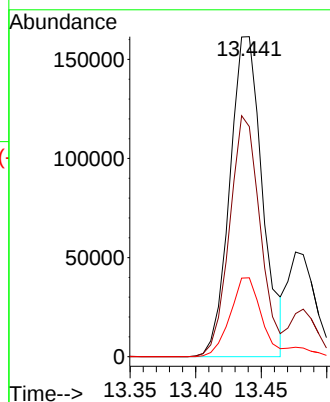
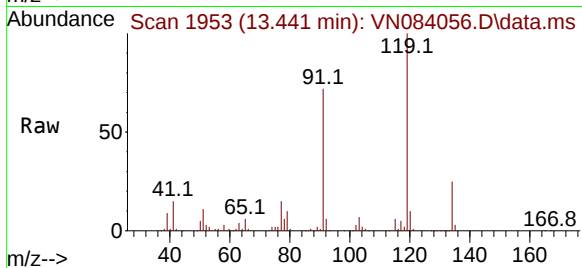




#83  
 tert-Butylbenzene  
 Concen: 46.211 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. 0.006 min  
 Lab File: VN084056.D  
 Acq: 20 Sep 2024 00:06

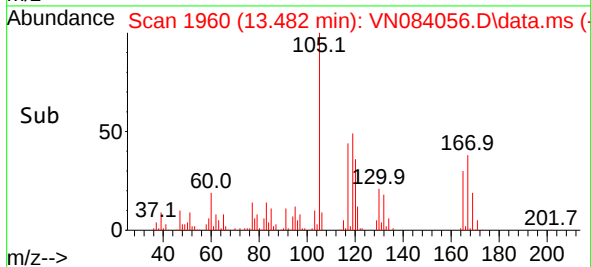
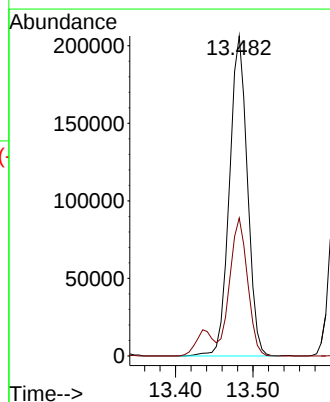
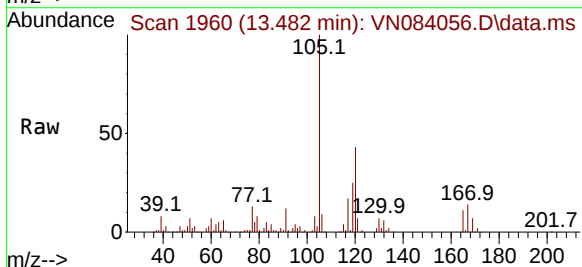
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

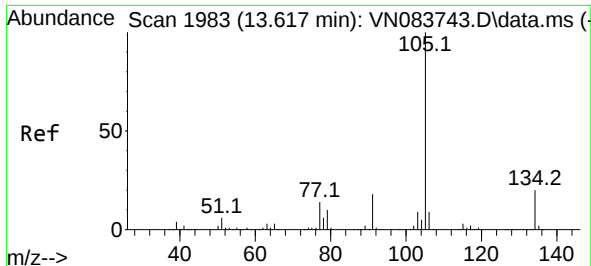
Tgt Ion:119 Resp: 279830  
 Ion Ratio Lower Upper  
 119 100  
 91 70.7 34.5 103.6  
 134 25.7 12.8 38.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 47.810 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. -0.000 min  
 Lab File: VN084056.D  
 Acq: 20 Sep 2024 00:06

Tgt Ion:105 Resp: 332402  
 Ion Ratio Lower Upper  
 105 100  
 120 42.7 21.8 65.4

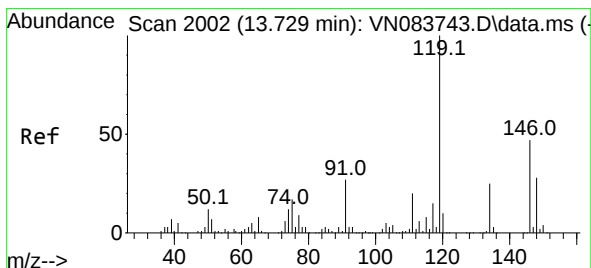
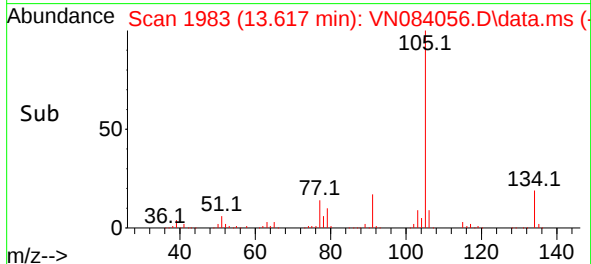
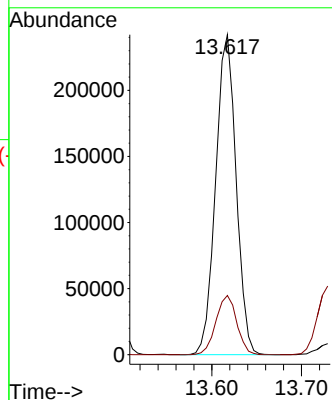
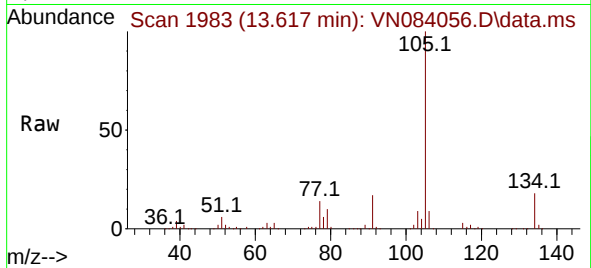




#85  
 sec-Butylbenzene  
 Concen: 47.689 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN084056.D  
 Acq: 20 Sep 2024 00:06

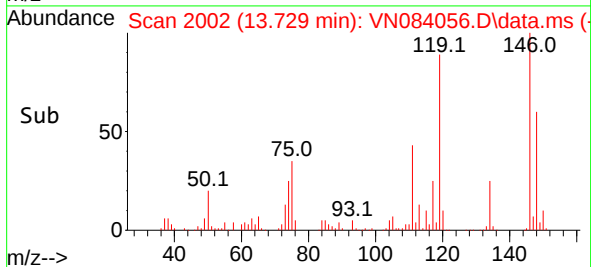
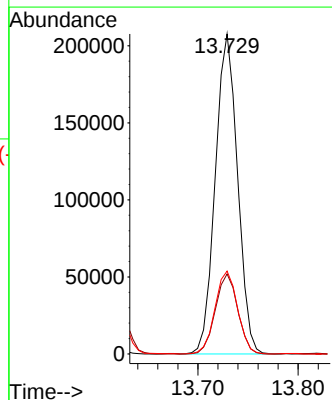
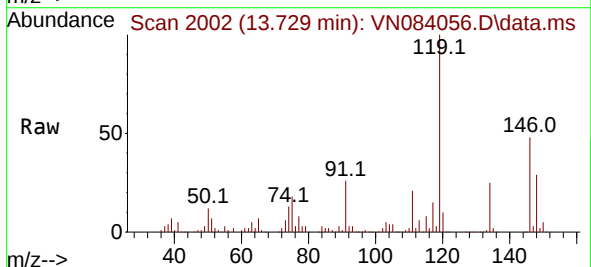
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 ClientSampleId :  
 VSTDCCC050EC

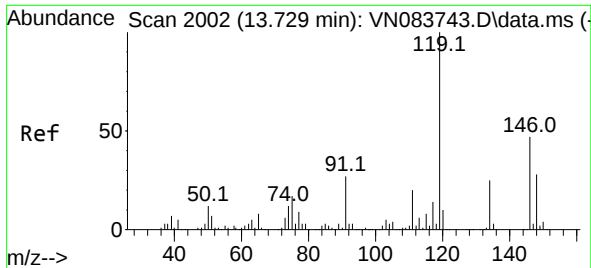
Tgt Ion:105 Resp: 382983  
 Ion Ratio Lower Upper  
 105 100  
 134 18.8 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 47.576 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN084056.D  
 Acq: 20 Sep 2024 00:06

Tgt Ion:119 Resp: 320281  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 12.8 38.3  
 91 26.2 12.9 38.7

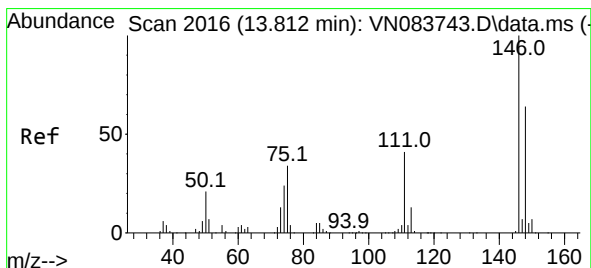
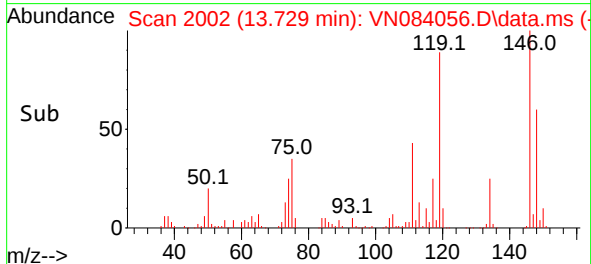
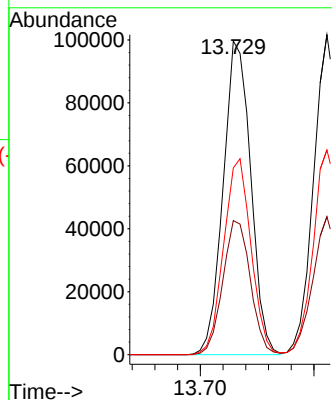
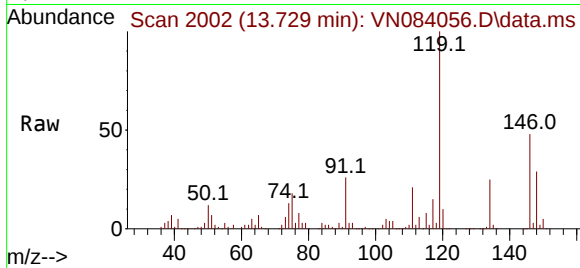




#87  
 1,3-Dichlorobenzene  
 Concen: 45.032 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN084056.D  
 Acq: 20 Sep 2024 00:06

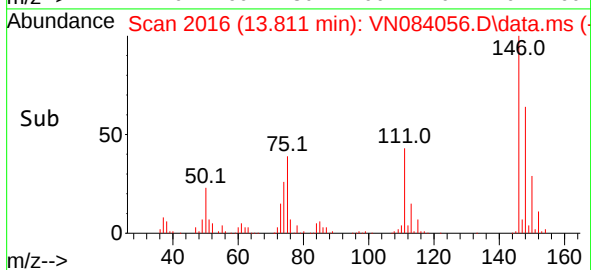
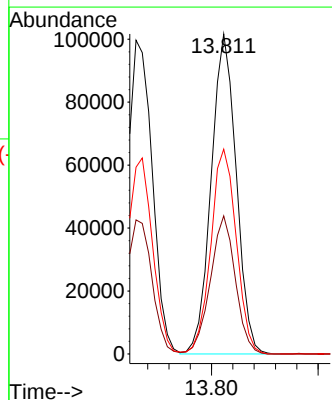
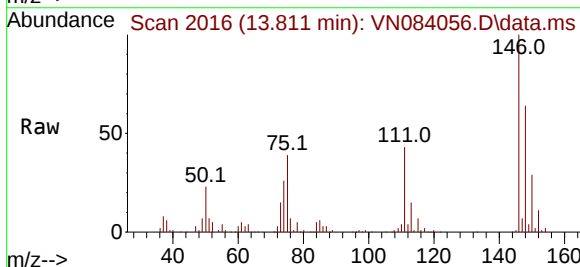
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

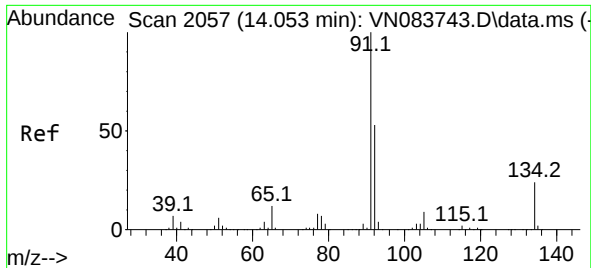
Tgt Ion:146 Resp: 167943  
 Ion Ratio Lower Upper  
 146 100  
 111 42.9 21.7 65.1  
 148 62.2 31.7 95.1



#88  
 1,4-Dichlorobenzene  
 Concen: 43.964 ug/l  
 RT: 13.811 min Scan# 2016  
 Delta R.T. -0.000 min  
 Lab File: VN084056.D  
 Acq: 20 Sep 2024 00:06

Tgt Ion:146 Resp: 166021  
 Ion Ratio Lower Upper  
 146 100  
 111 43.1 21.3 64.0  
 148 65.1 32.0 96.2

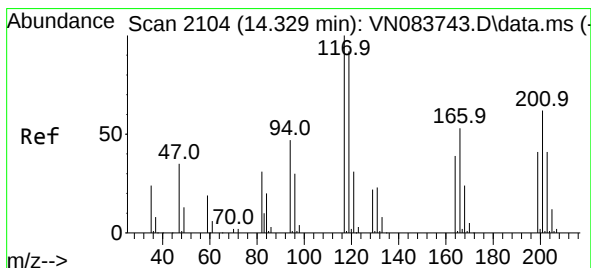
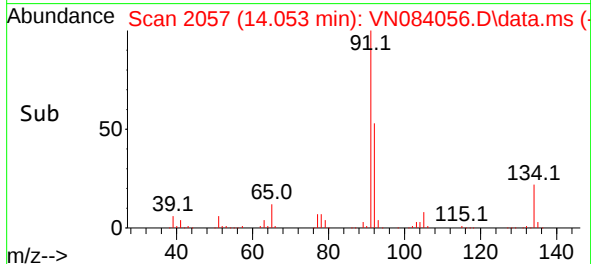
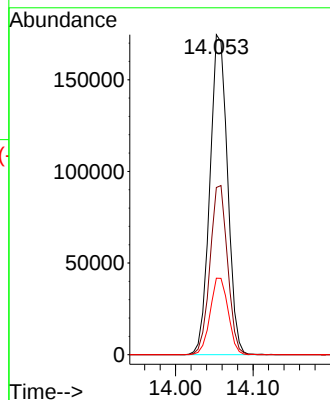
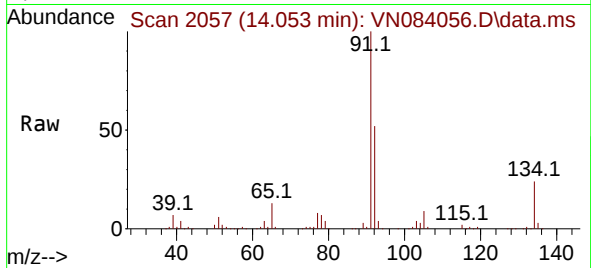




#89  
n-Butylbenzene  
Concen: 45.656 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

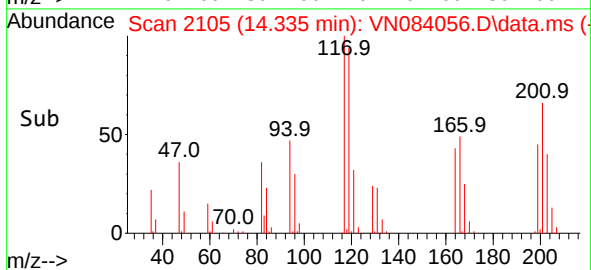
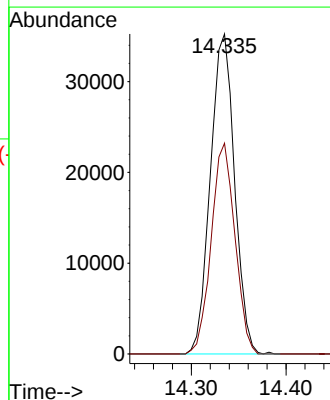
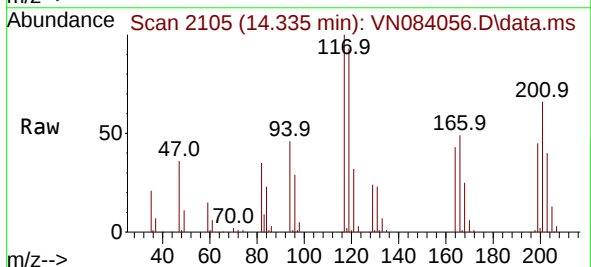
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

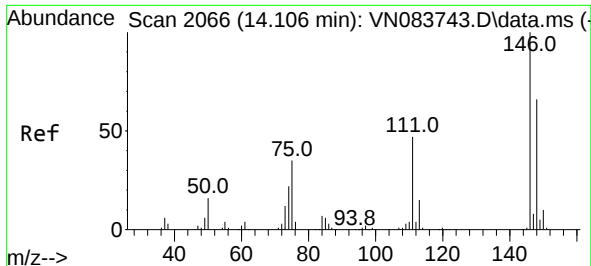
Tgt Ion: 91 Resp: 275960  
Ion Ratio Lower Upper  
91 100  
92 52.5 26.7 80.1  
134 24.4 12.2 36.4



#90  
Hexachloroethane  
Concen: 46.169 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.006 min  
Lab File: VN084056.D  
Acq: 20 Sep 2024 00:06

Tgt Ion: 117 Resp: 62479  
Ion Ratio Lower Upper  
117 100  
201 64.6 32.8 98.3





#91

1,2-Dichlorobenzene

Concen: 45.859 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

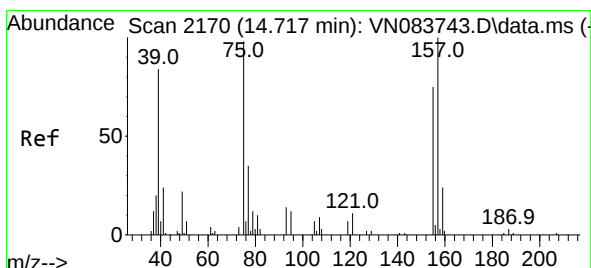
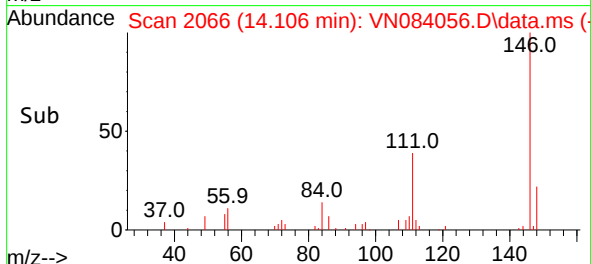
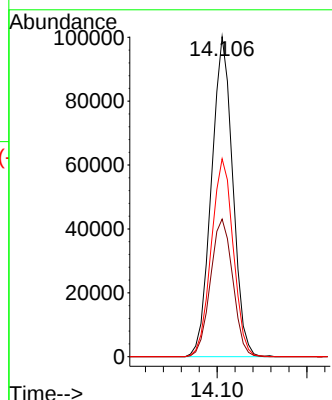
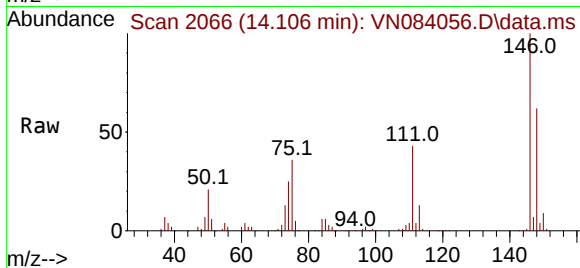
Tgt Ion:146 Resp: 165057

Ion Ratio Lower Upper

146 100

111 45.0 22.8 68.3

148 63.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.841 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

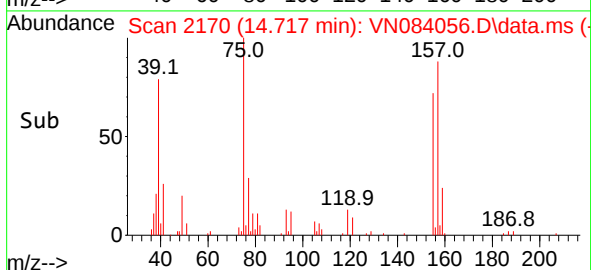
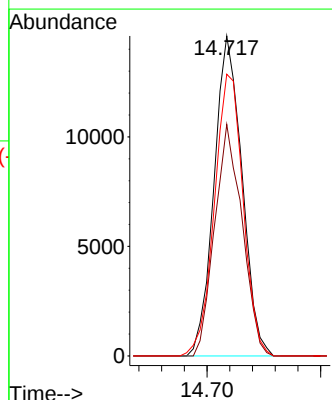
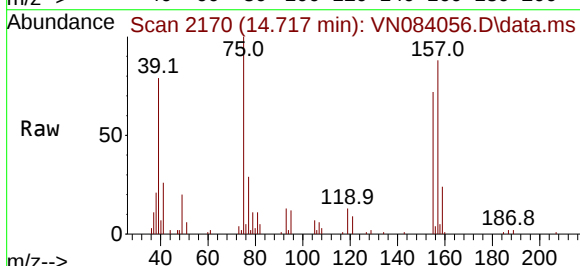
Tgt Ion: 75 Resp: 24927

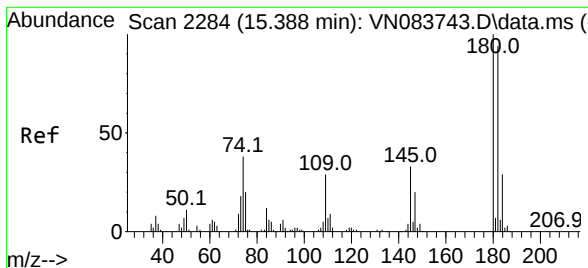
Ion Ratio Lower Upper

75 100

155 71.2 35.9 107.7

157 90.4 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 41.248 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

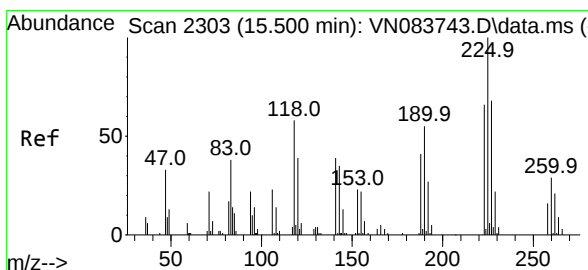
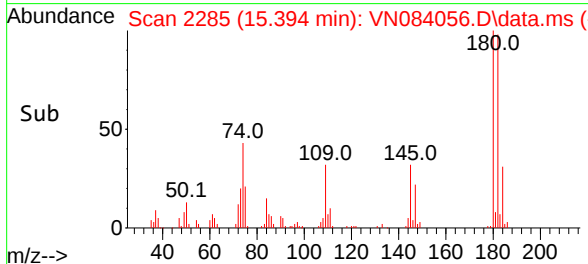
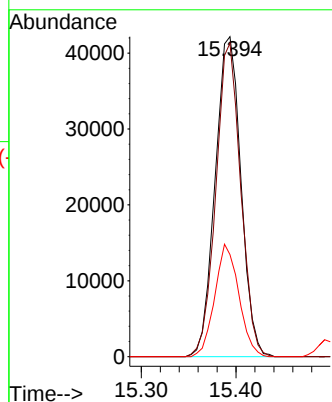
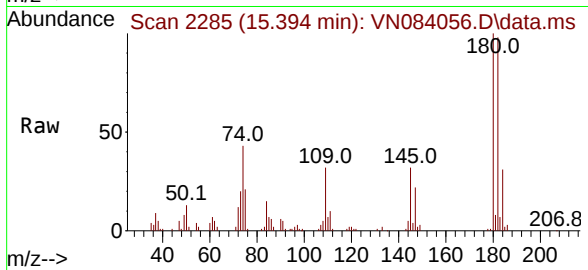
Tgt Ion:180 Resp: 79667

Ion Ratio Lower Upper

180 100

182 94.2 48.1 144.3

145 32.9 16.9 50.7



#94

Hexachlorobutadiene

Concen: 43.357 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

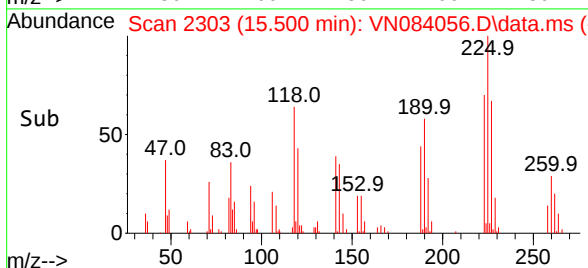
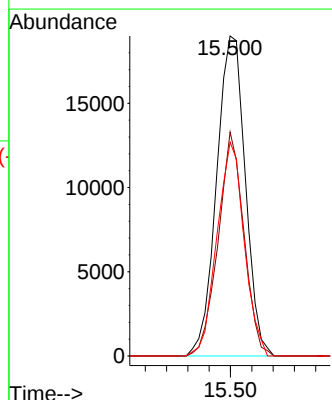
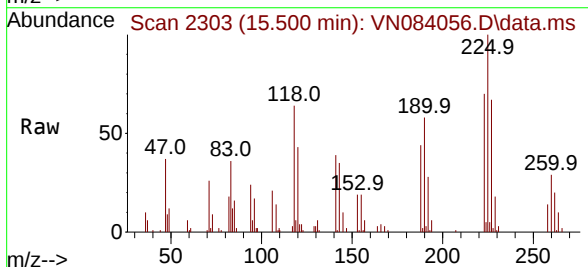
Tgt Ion:225 Resp: 35563

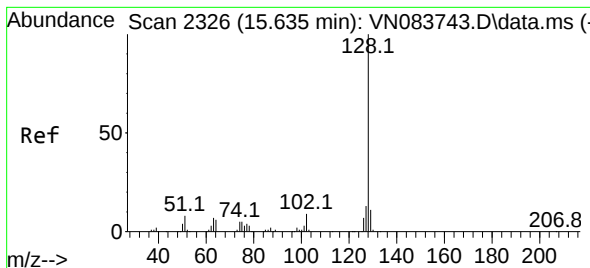
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.5

227 63.2 32.0 96.2





#95

Naphthalene

Concen: 45.822 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

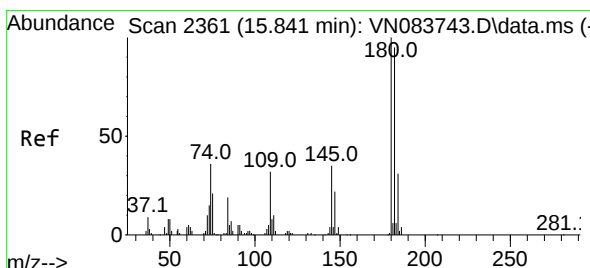
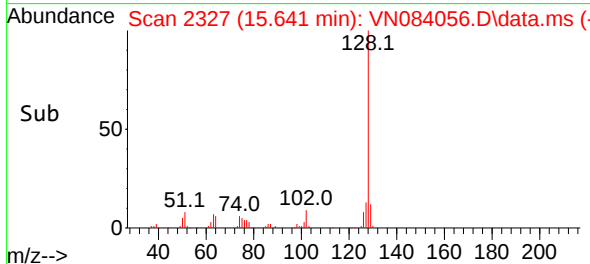
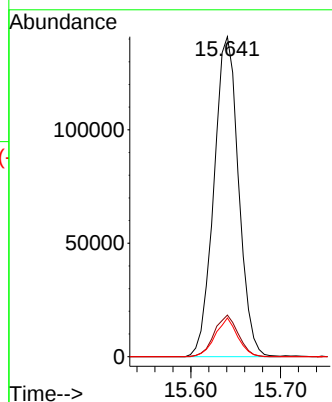
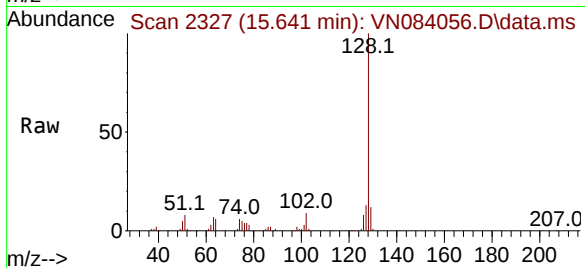
Tgt Ion:128 Resp: 269256

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 42.570 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN084056.D

Acq: 20 Sep 2024 00:06

Tgt Ion:180 Resp: 78580

Ion Ratio Lower Upper

180 100

182 97.0 47.1 141.4

145 36.2 17.8 53.5

