

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121621\  
 Data File : VX025835.D  
 Acq On : 16 Dec 2021 00:05  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Dec 16 07:33:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121321W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 14 07:02:11 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 131574   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 220099   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 209960   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 104929   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 84895    | 44.844   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 89.680% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 72202    | 47.037   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 94.080% |
| 50) Toluene-d8              | 8.653  | 98    | 269715   | 48.226   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.460% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 101911   | 47.970   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 95.940% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 70963  | 60.306  | ug/l   | 93  |
| 3) Chloromethane             | 1.294 | 50  | 72782  | 47.501  | ug/l   | 96  |
| 4) Vinyl Chloride            | 1.374 | 62  | 77404  | 47.493  | ug/l   | 100 |
| 5) Bromomethane              | 1.599 | 94  | 47254  | 40.605  | ug/l   | 97  |
| 6) Chloroethane              | 1.679 | 64  | 51291  | 43.450  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 124468 | 46.234  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.136 | 74  | 45655  | 42.991  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 66733  | 47.635  | ug/l   | 99  |
| 10) Methyl Iodide            | 2.453 | 142 | 93508  | 52.385  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 2.971 | 59  | 77463  | 203.984 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 65633  | 47.120  | ug/l   | 99  |
| 13) Acrolein                 | 2.239 | 56  | 56411  | 217.324 | ug/l   | 98  |
| 14) Allyl chloride           | 2.666 | 41  | 108464 | 42.666  | ug/l   | 99  |
| 15) Acrylonitrile            | 3.069 | 53  | 199208 | 224.708 | ug/l   | 99  |
| 16) Acetone                  | 2.386 | 43  | 175200 | 210.581 | ug/l   | 99  |
| 17) Carbon Disulfide         | 2.514 | 76  | 158390 | 39.698  | ug/l   | 99  |
| 18) Methyl Acetate           | 2.709 | 43  | 131092 | 45.434  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 223123 | 45.352  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.788 | 84  | 73833  | 45.373  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 70829  | 45.564  | ug/l   | 95  |
| 22) Diisopropyl ether        | 3.770 | 45  | 227644 | 46.165  | ug/l   | 90  |
| 23) Vinyl Acetate            | 3.727 | 43  | 892864 | 233.985 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 125532 | 44.585  | ug/l   | 98  |
| 25) 2-Butanone               | 4.562 | 43  | 282545 | 221.905 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 79068  | 37.024  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.495 | 96  | 83951  | 45.546  | ug/l   | 97  |
| 28) Bromochloromethane       | 4.904 | 49  | 53597  | 42.241  | ug/l   | 100 |
| 29) Tetrahydrofuran          | 5.013 | 42  | 186772 | 230.714 | ug/l   | 100 |
| 30) Chloroform               | 5.099 | 83  | 136025 | 44.049  | ug/l   | 99  |
| 31) Cyclohexane              | 5.471 | 56  | 114990 | 49.948  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 119559 | 44.485  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 98550  | 47.343  | ug/l   | 99  |
| 37) Ethyl Acetate            | 4.721 | 43  | 108537 | 46.930  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 104399 | 43.104  | ug/l   | 99  |
| 39) Methylcyclohexane        | 7.385 | 83  | 118070 | 50.692  | ug/l   | 99  |
| 40) Benzene                  | 6.044 | 78  | 292733 | 47.143  | ug/l   | 98  |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Dec 16 07:33:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121321W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 14 07:02:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 58045    | 45.351  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 106295   | 45.040  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 170518   | 45.764  | ug/l   | 100      |
| 44) Trichloroethene           | 7.129  | 130  | 81994    | 47.430  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 73900    | 47.218  | ug/l   | 95       |
| 46) Dibromomethane            | 7.580  | 93   | 55217    | 45.318  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.824  | 83   | 103042   | 42.908  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 83674    | 47.687  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 38257    | 998.721 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 579327   | 237.512 | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 192912   | 48.758  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 99293    | 43.378  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 112117   | 44.765  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 78427    | 46.223  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 117818   | 48.351  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 129102   | 46.388  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 270867   | 228.983 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 445476   | 241.046 | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.525  | 129  | 81550    | 42.347  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 84308    | 45.827  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 74455    | 44.456  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 210256   | 48.041  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 76043    | 44.495  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 370139   | 50.012  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 292528   | 101.578 | ug/l   | 99       |
| 69) o-Xylene                  | 10.646 | 106  | 142224   | 50.202  | ug/l   | 100      |
| 70) Styrene                   | 10.659 | 104  | 241366   | 51.199  | ug/l   | 99       |
| 71) Bromoform                 | 10.805 | 173  | 57992    | 41.191  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 369149   | 48.475  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.848 | 43   | 152349   | 49.738  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 124567   | 46.933  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 127253   | 52.932  | ug/l   | 89       |
| 77) Bromobenzene              | 11.201 | 156  | 93212    | 47.718  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 426286   | 49.489  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 254228   | 46.412  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 312395   | 49.461  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 28220    | 36.392  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 289938   | 47.269  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 311551   | 50.325  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 317573   | 50.333  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 384484   | 51.670  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 323784   | 51.812  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 174053   | 47.822  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 175346   | 47.188  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 266817   | 51.185  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.542 | 117  | 49338    | 40.172  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 170280   | 48.991  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 24763    | 41.518  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 99962    | 47.881  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 41284    | 55.839  | ug/l   | 98       |
| 95) Naphthalene               | 13.780 | 128  | 343084   | 47.970  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 100688   | 48.649  | ug/l   | 99       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

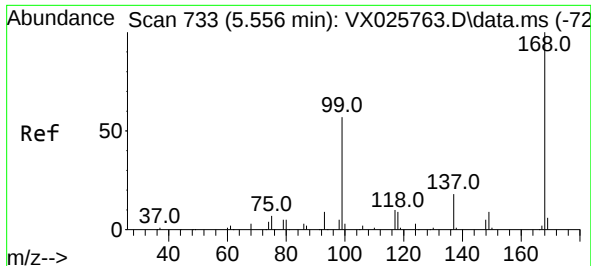
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121321W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 14 07:02:11 2021  
Response via : Initial Calibration

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

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

Quant Time: Dec 16 07:33:05 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121321W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 14 07:02:11 2021  
Response via : Initial Calibration

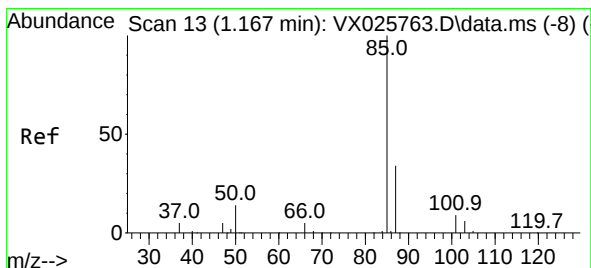
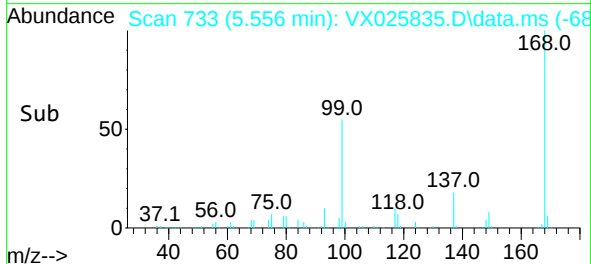
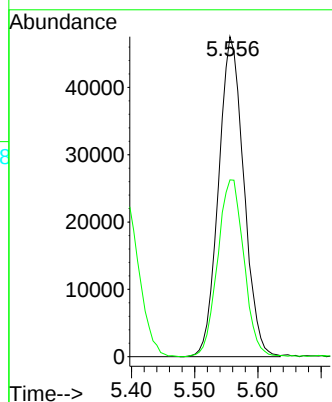
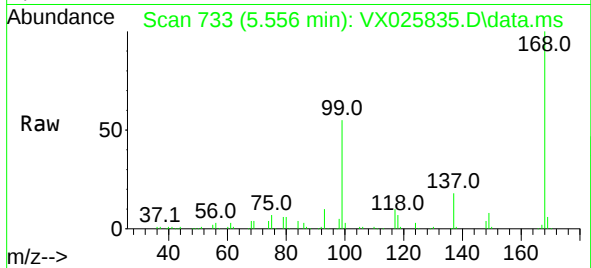




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

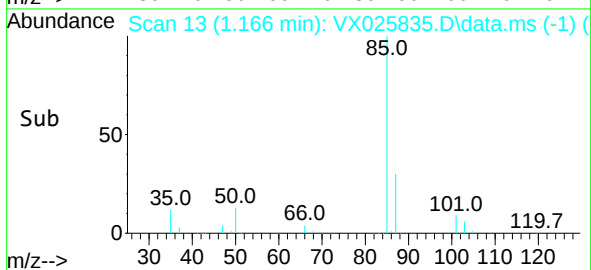
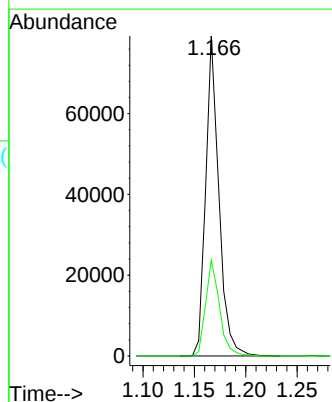
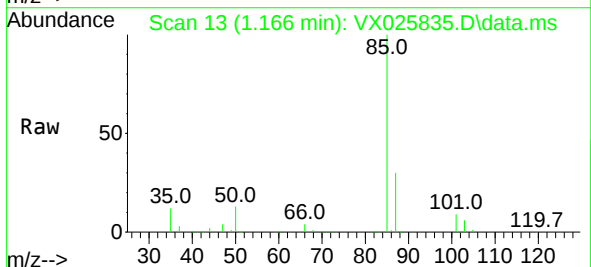
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

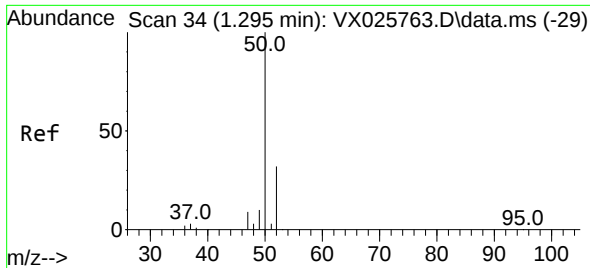
Tgt Ion:168 Resp: 131574  
Ion Ratio Lower Upper  
168 100  
99 55.3 45.8 68.8



#2  
Dichlorodifluoromethane  
Concen: 60.306 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 85 Resp: 70963  
Ion Ratio Lower Upper  
85 100  
87 29.9 17.0 50.9

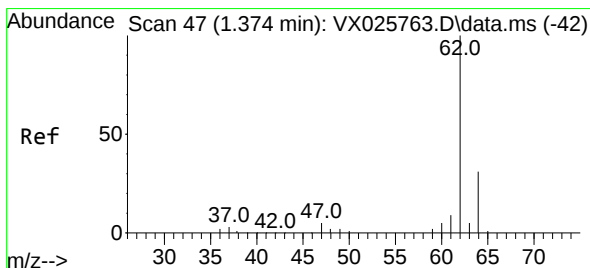
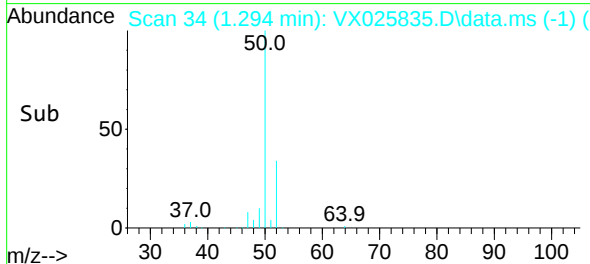
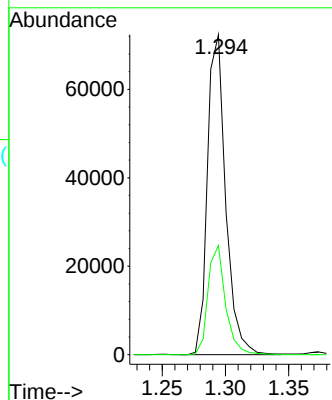
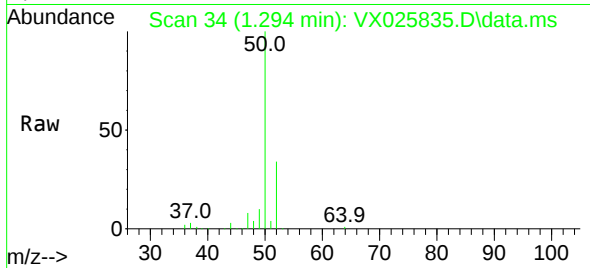




#3  
Chloromethane  
Concen: 47.501 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

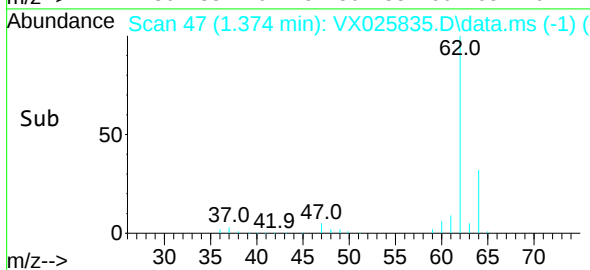
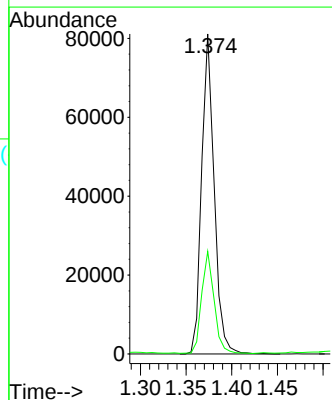
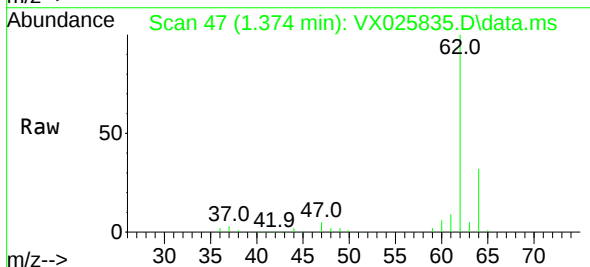
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

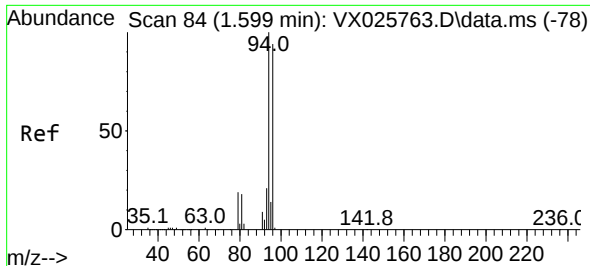
Tgt Ion: 50 Resp: 72782  
Ion Ratio Lower Upper  
50 100  
52 34.2 25.4 38.0



#4  
Vinyl Chloride  
Concen: 47.493 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 62 Resp: 77404  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.4 38.2

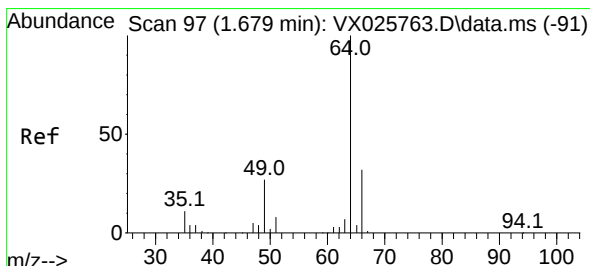
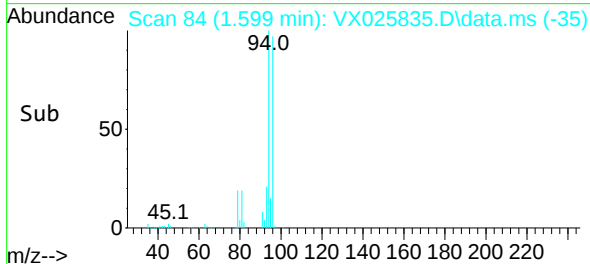
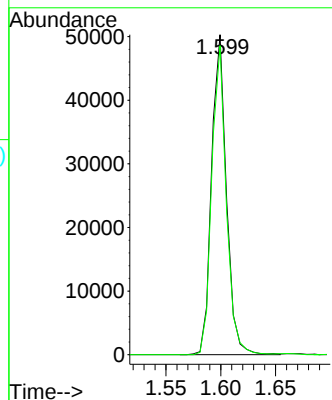
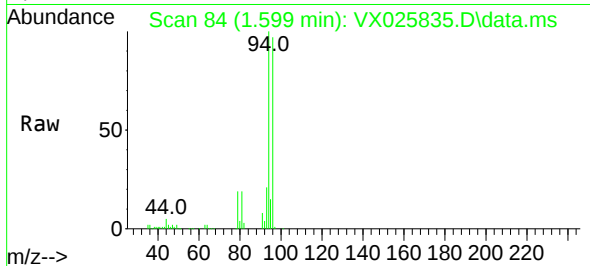




#5  
Bromomethane  
Concen: 40.605 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

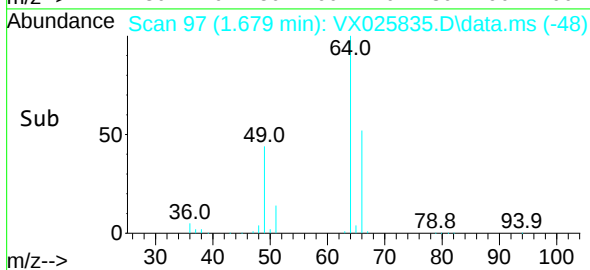
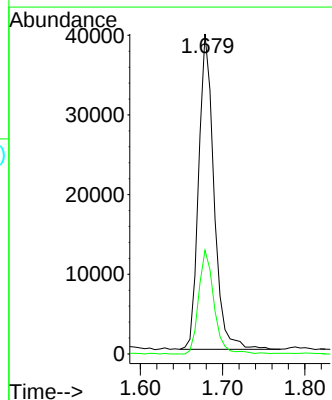
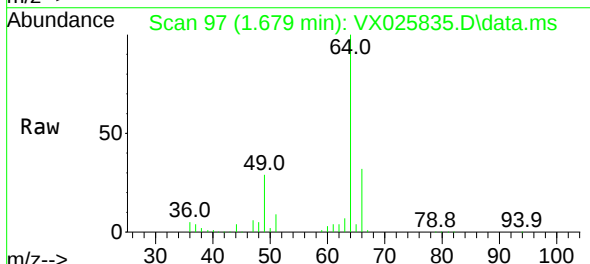
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

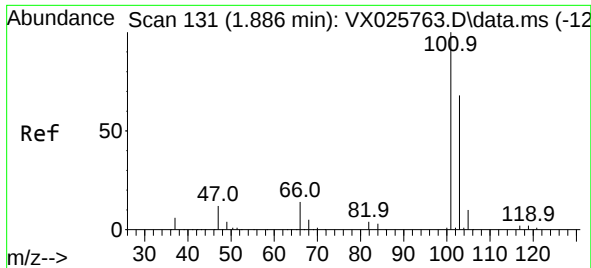
Tgt Ion: 94 Resp: 47254  
Ion Ratio Lower Upper  
94 100  
96 96.6 75.0 112.4



#6  
Chloroethane  
Concen: 43.450 ug/l  
RT: 1.679 min Scan# 97  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 64 Resp: 51291  
Ion Ratio Lower Upper  
64 100  
66 32.9 25.9 38.9

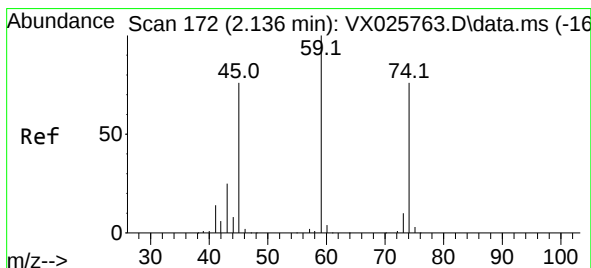
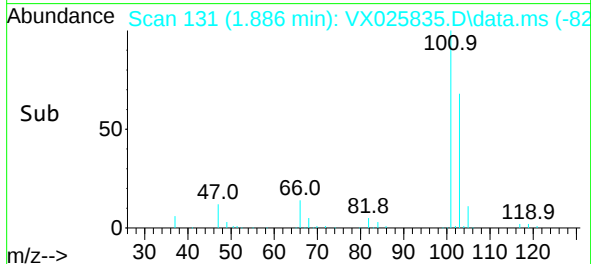
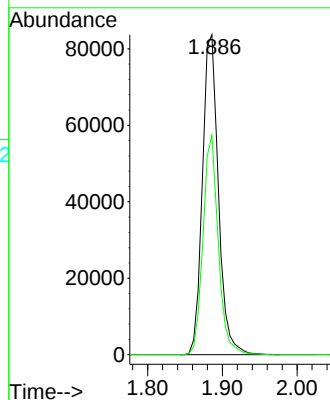
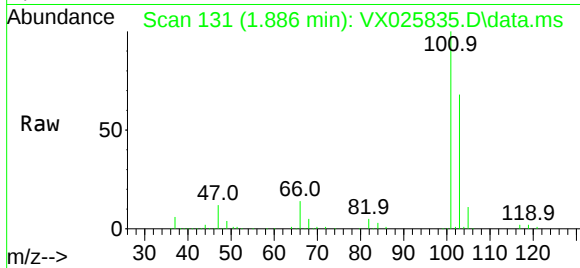




#7  
 Trichlorofluoromethane  
 Concen: 46.234 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX025835.D  
 Acq: 16 Dec 2021 00:05

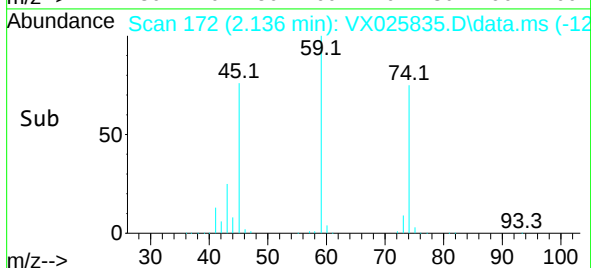
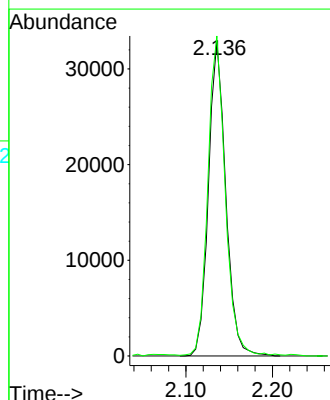
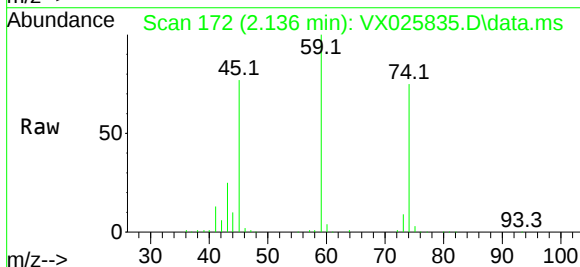
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 124468  
 Ion Ratio Lower Upper  
 101 100  
 103 68.5 54.1 81.1



#8  
 Diethyl Ether  
 Concen: 42.991 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX025835.D  
 Acq: 16 Dec 2021 00:05

Tgt Ion: 74 Resp: 45655  
 Ion Ratio Lower Upper  
 74 100  
 45 101.7 50.4 151.2

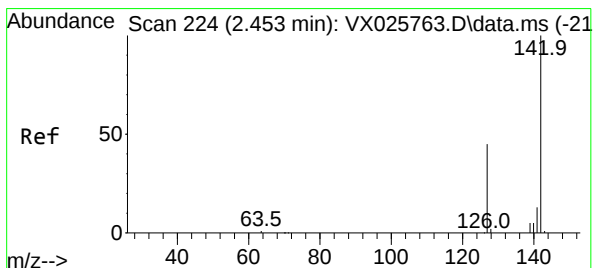
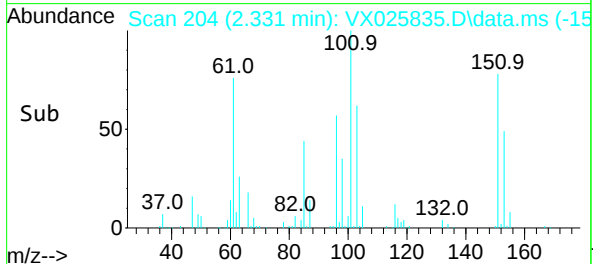
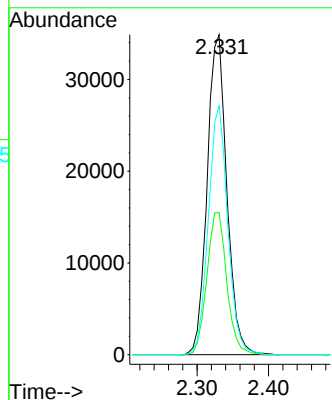
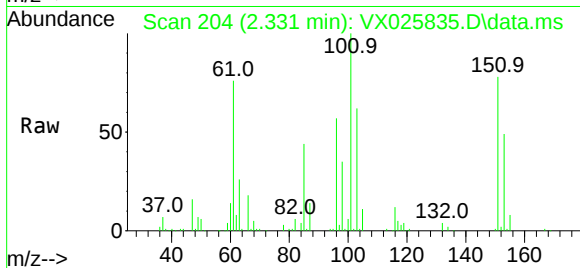




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.635 ug/l  
RT: 2.331 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

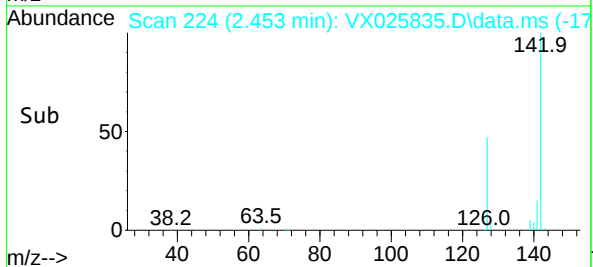
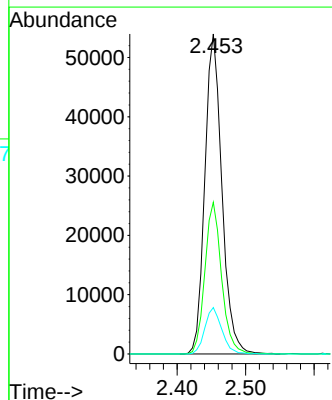
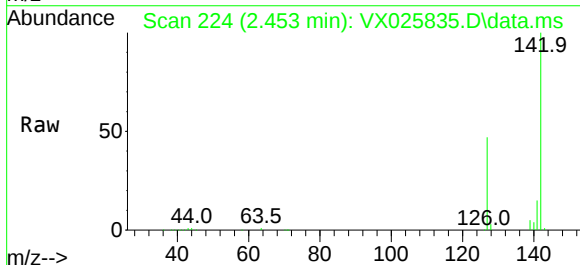
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

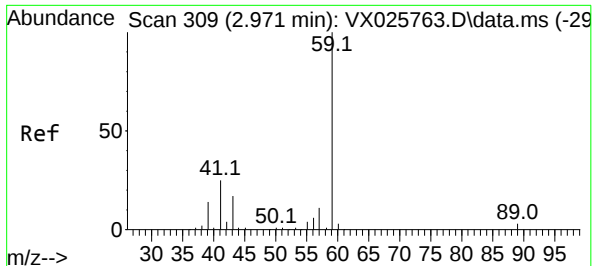
Tgt Ion:101 Resp: 66733  
Ion Ratio Lower Upper  
101 100  
85 44.9 36.5 54.7  
151 76.7 60.6 90.8



#10  
Methyl Iodide  
Concen: 52.385 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion:142 Resp: 93508  
Ion Ratio Lower Upper  
142 100  
127 46.5 37.5 56.3  
141 14.4 11.4 17.0





#11

Tert butyl alcohol

Concen: 203.984 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

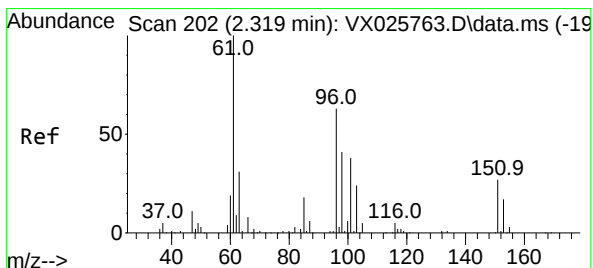
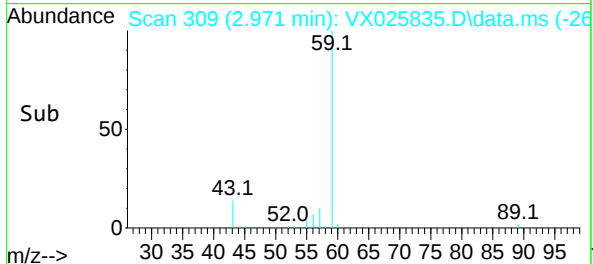
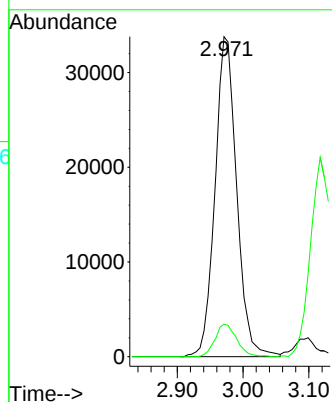
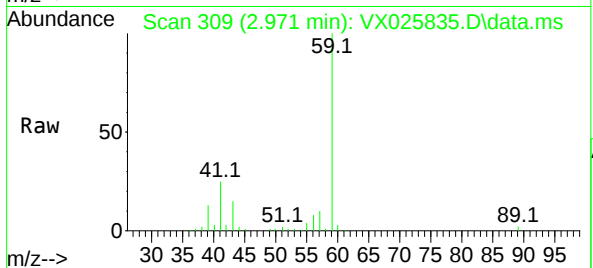
VSTDCCC050

Tgt Ion: 59 Resp: 77463

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.2



#12

1,1-Dichloroethene

Concen: 47.120 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

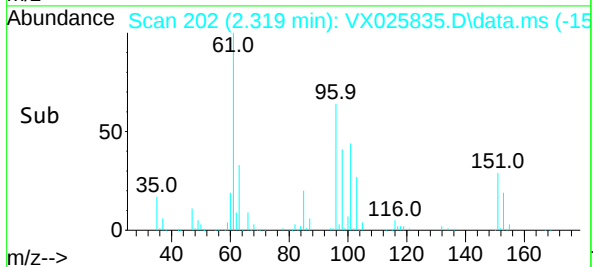
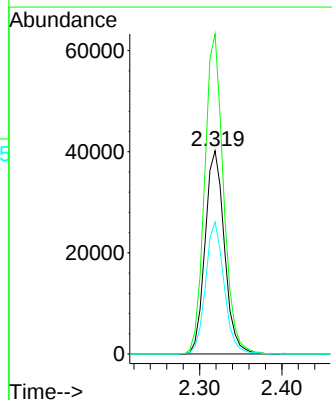
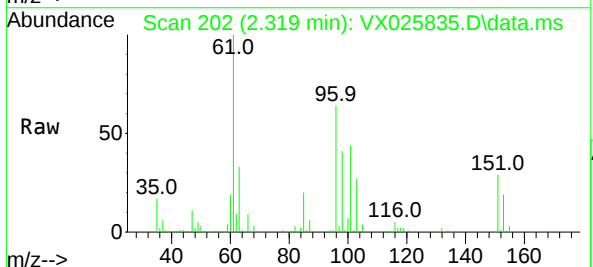
Tgt Ion: 96 Resp: 65633

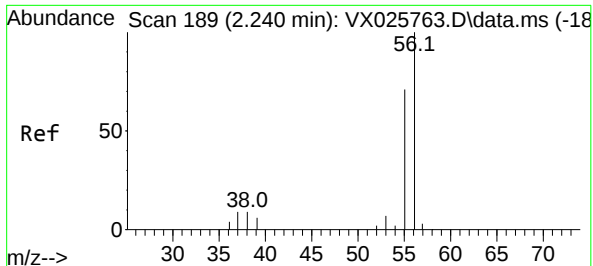
Ion Ratio Lower Upper

96 100

61 157.4 127.5 191.3

98 65.0 52.0 78.0

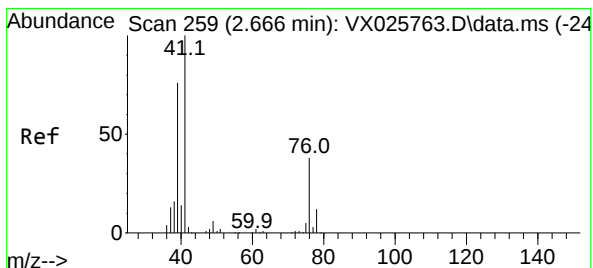
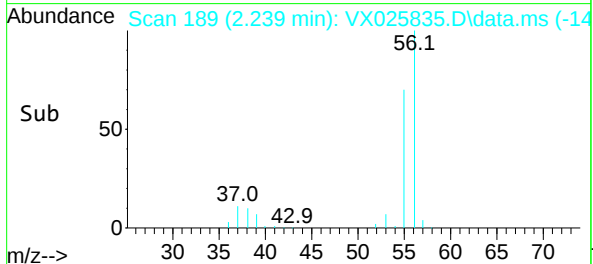
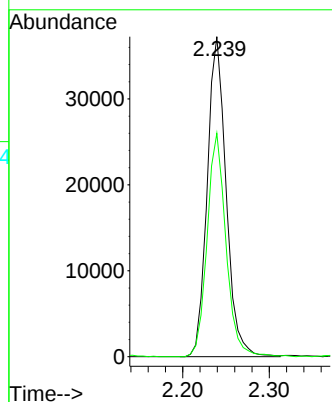
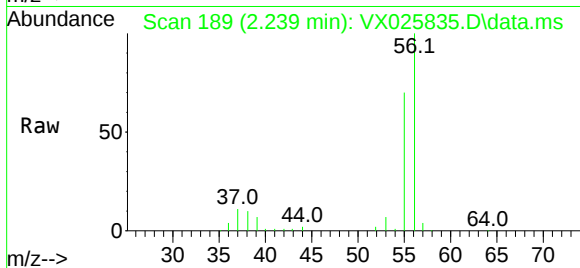




#13  
Acrolein  
Concen: 217.324 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

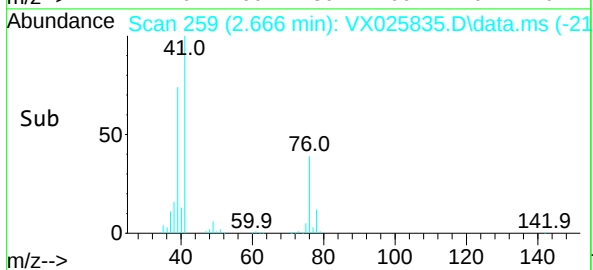
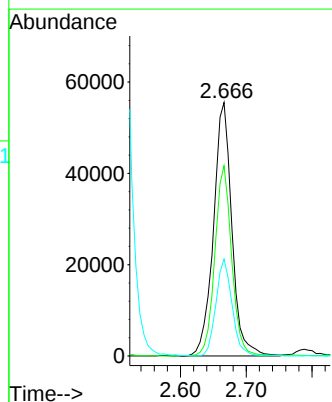
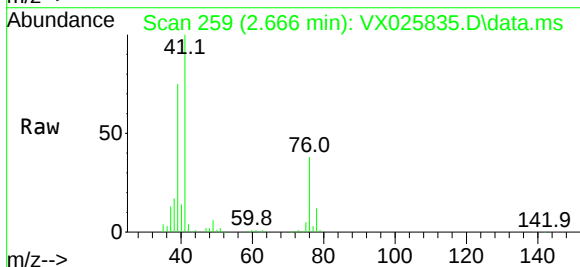
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

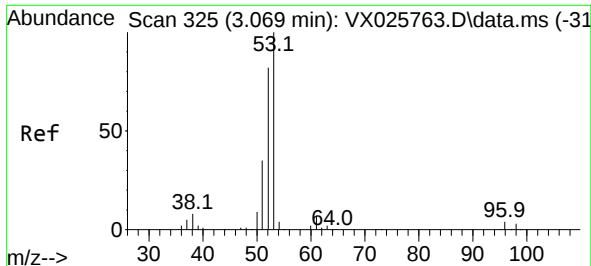
Tgt Ion: 56 Resp: 56411  
Ion Ratio Lower Upper  
56 100  
55 69.9 57.4 86.2



#14  
Allyl chloride  
Concen: 42.666 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 41 Resp: 108464  
Ion Ratio Lower Upper  
41 100  
39 68.5 55.4 83.0  
76 33.4 27.6 41.4

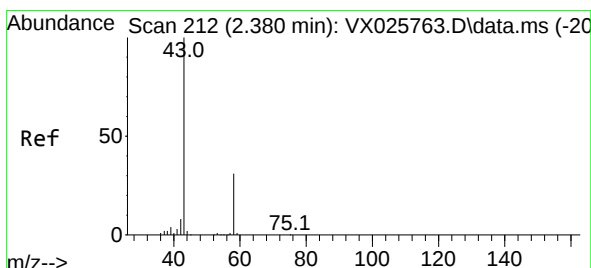
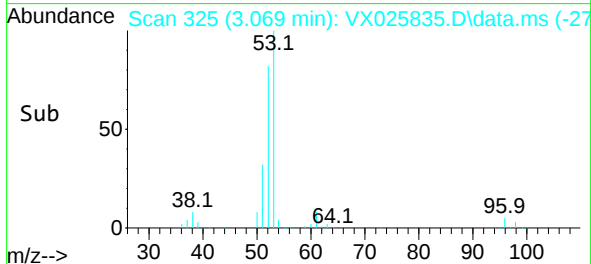
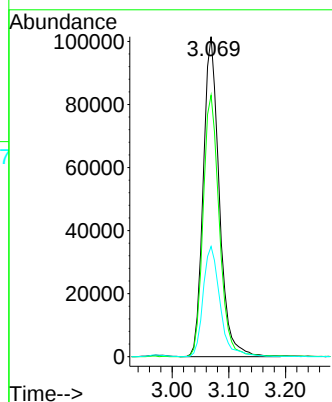
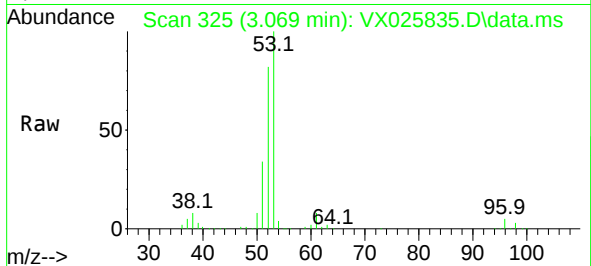




#15  
Acrylonitrile  
Concen: 224.708 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

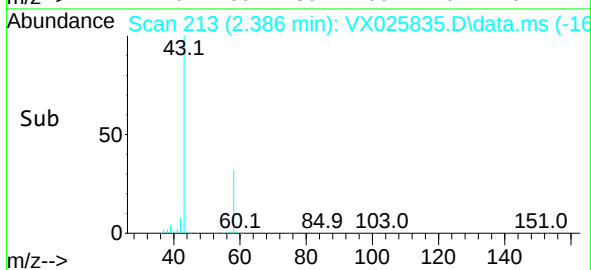
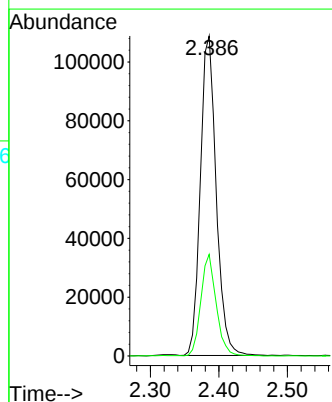
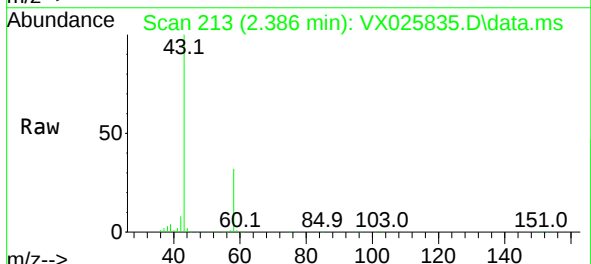
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

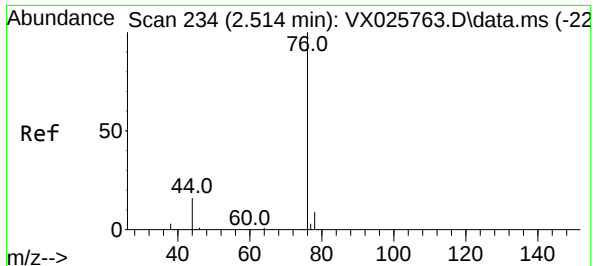
Tgt Ion: 53 Resp: 199208  
Ion Ratio Lower Upper  
53 100  
52 82.2 66.2 99.2  
51 36.4 29.4 44.0



#16  
Acetone  
Concen: 210.581 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 43 Resp: 175200  
Ion Ratio Lower Upper  
43 100  
58 31.8 24.8 37.2

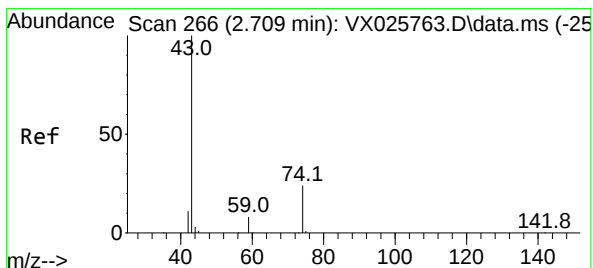
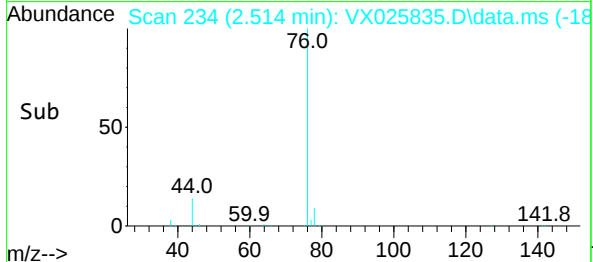
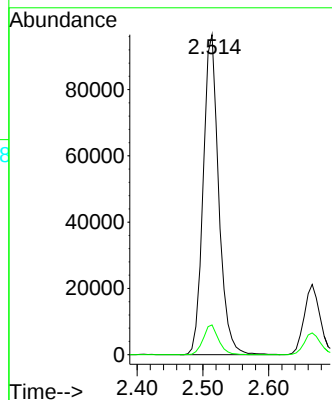
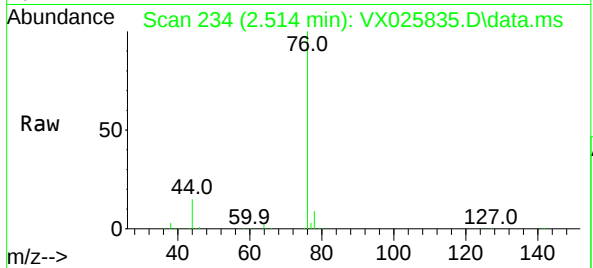




#17  
Carbon Disulfide  
Concen: 39.698 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

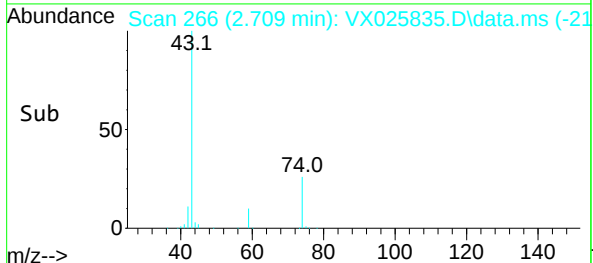
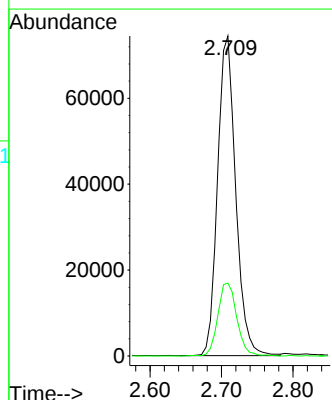
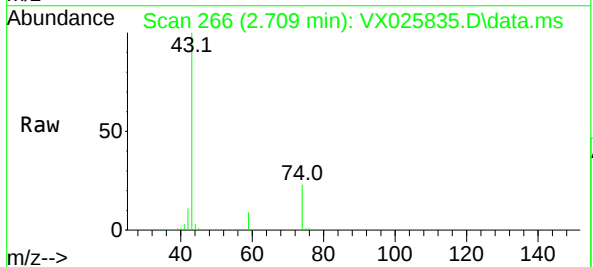
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 76 Resp: 158390  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8



#18  
Methyl Acetate  
Concen: 45.434 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 43 Resp: 131092  
Ion Ratio Lower Upper  
43 100  
74 23.9 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 45.352 ug/l

RT: 3.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

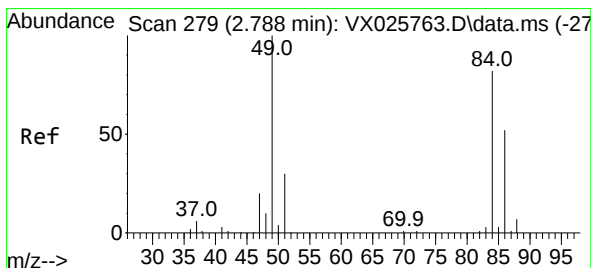
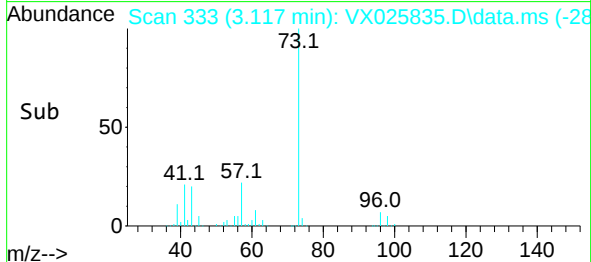
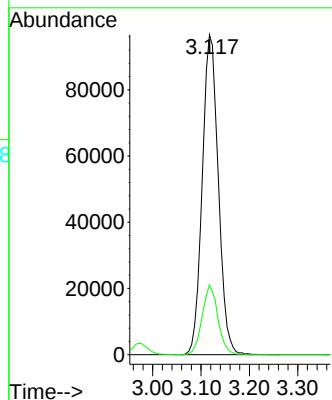
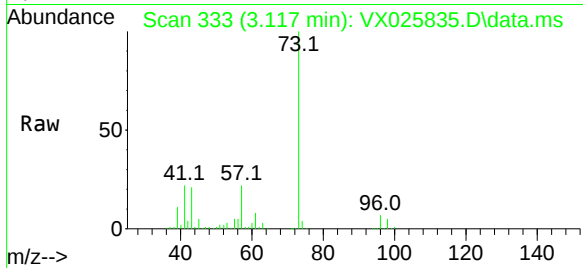
VSTDCCC050

Tgt Ion: 73 Resp: 223123

Ion Ratio Lower Upper

73 100

57 21.8 17.0 25.6



#20

Methylene Chloride

Concen: 45.373 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Tgt Ion: 84 Resp: 73833

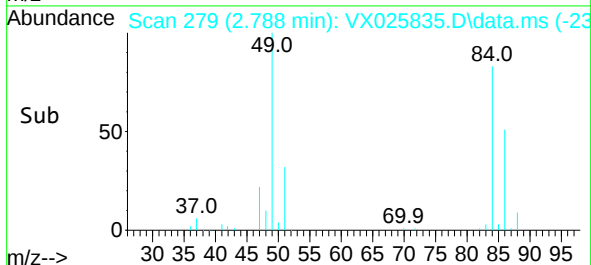
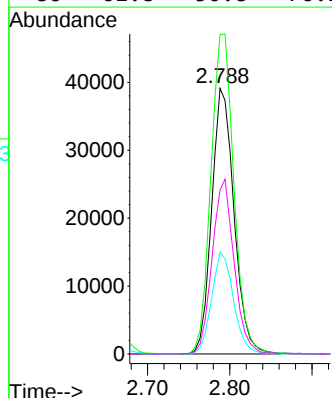
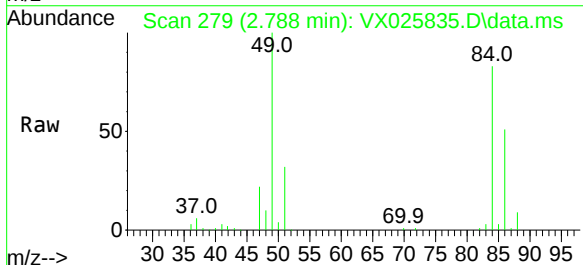
Ion Ratio Lower Upper

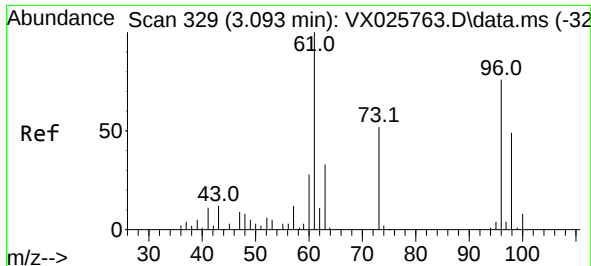
84 100

49 120.2 97.1 145.7

51 38.4 29.3 43.9

86 61.8 50.8 76.2

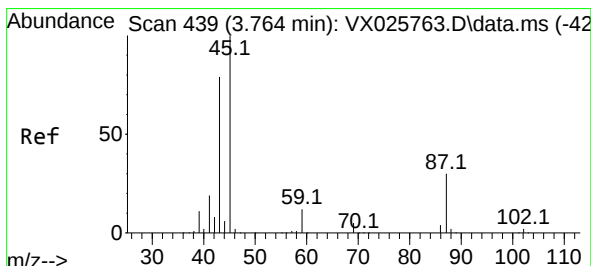
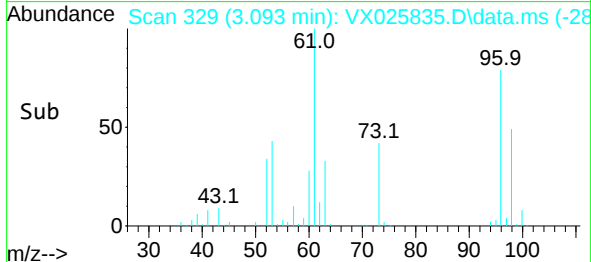
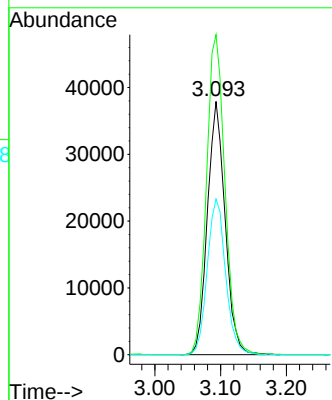
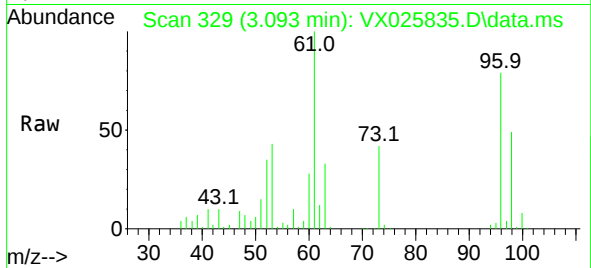




#21  
trans-1,2-Dichloroethene  
Concen: 45.564 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

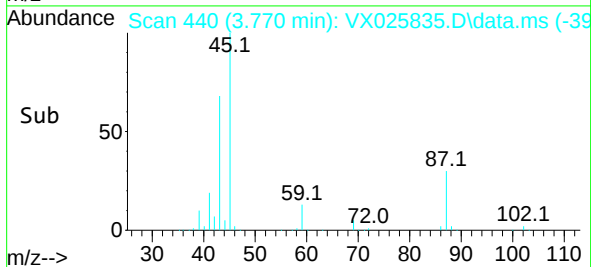
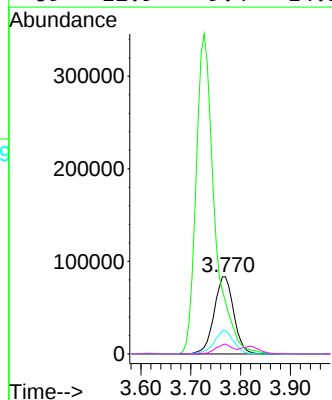
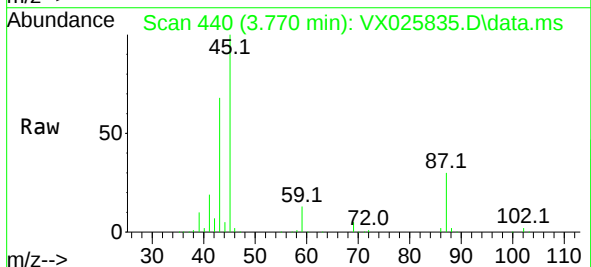
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 96 Resp: 70829  
Ion Ratio Lower Upper  
96 100  
61 126.3 105.7 158.5  
98 61.4 52.1 78.1



#22  
Diisopropyl ether  
Concen: 46.165 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. 0.006 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 45 Resp: 227644  
Ion Ratio Lower Upper  
45 100  
43 67.1 63.8 95.6  
87 30.2 24.2 36.4  
59 12.9 9.4 14.2

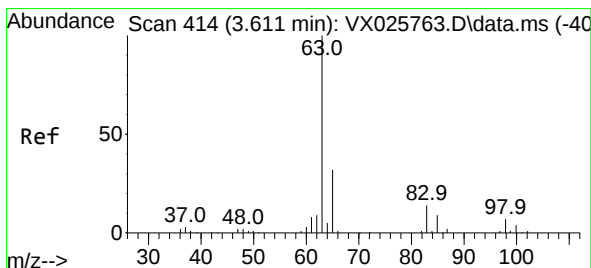
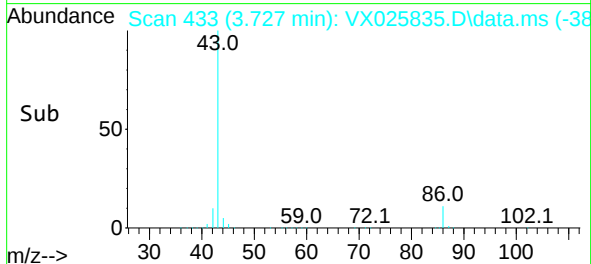
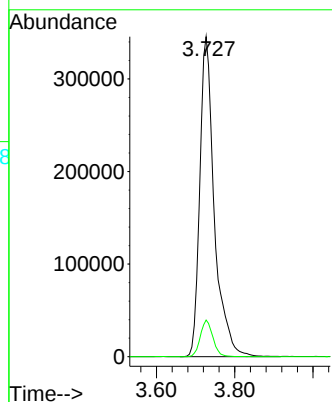
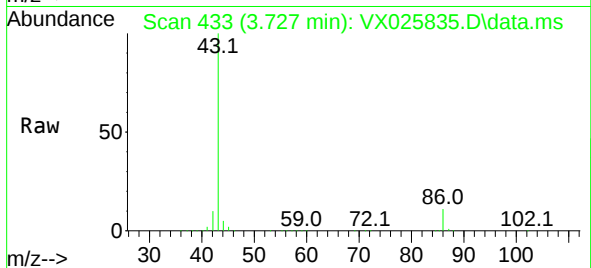




#23  
 Vinyl Acetate  
 Concen: 233.985 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX025835.D  
 Acq: 16 Dec 2021 00:05

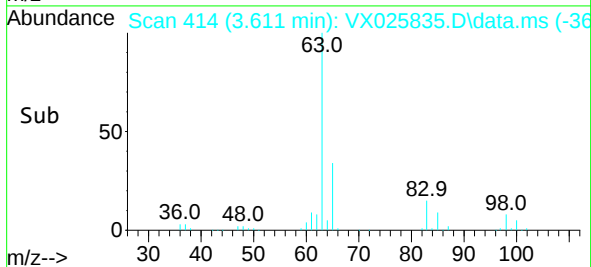
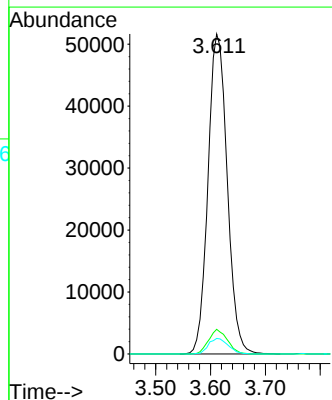
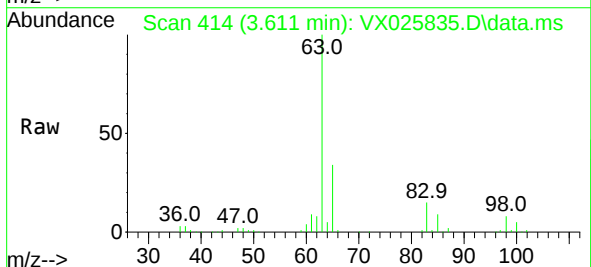
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

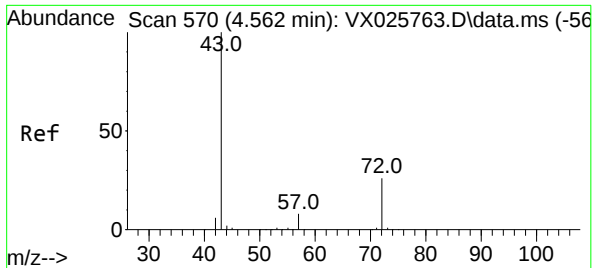
Tgt Ion: 43 Resp: 892864  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 9.0 13.6



#24  
 1,1-Dichloroethane  
 Concen: 44.585 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX025835.D  
 Acq: 16 Dec 2021 00:05

Tgt Ion: 63 Resp: 125532  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.3 9.9  
 100 4.9 2.2 6.6

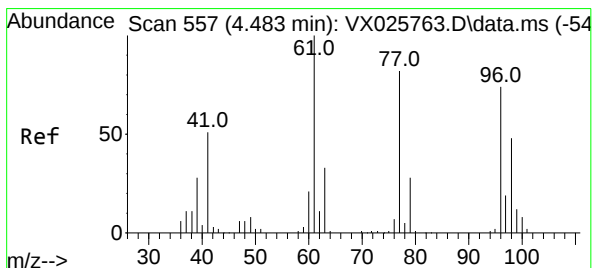
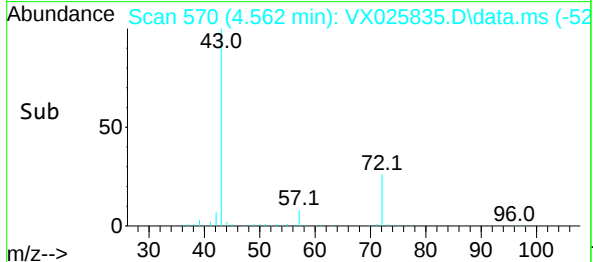
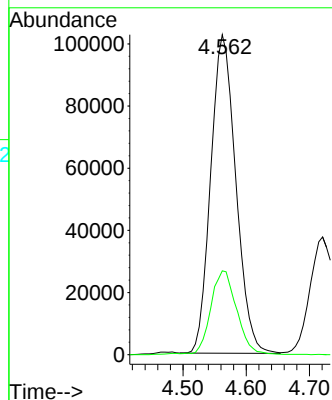
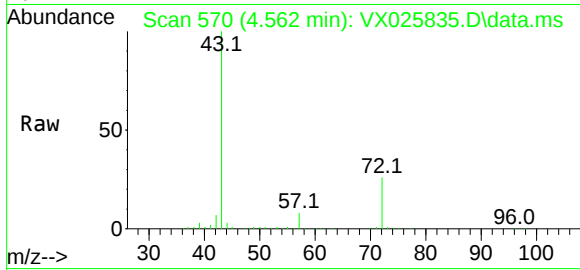




#25  
2-Butanone  
Concen: 221.905 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

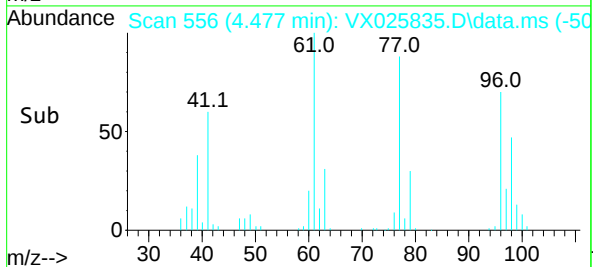
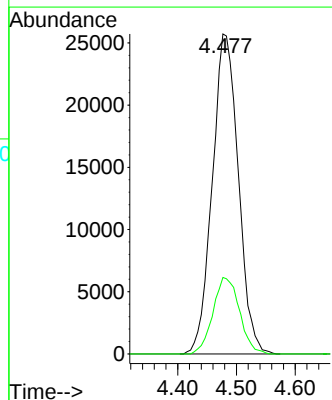
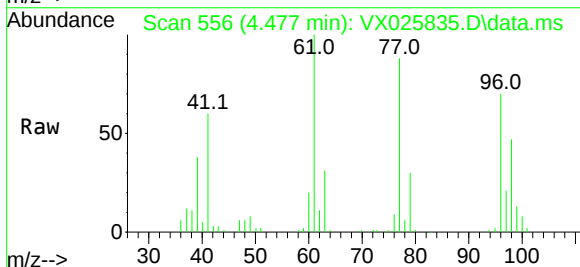
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 282545  
Ion Ratio Lower Upper  
43 100  
72 26.2 21.0 31.4



#26  
2,2-Dichloropropane  
Concen: 37.024 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.006 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 77 Resp: 79068  
Ion Ratio Lower Upper  
77 100  
97 24.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 45.546 ug/l

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

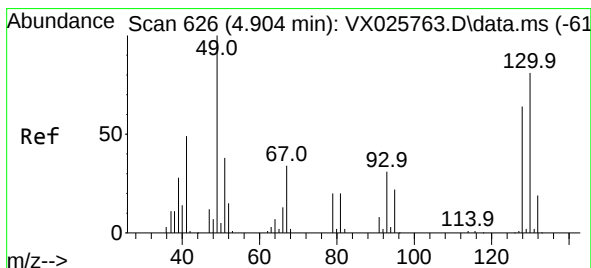
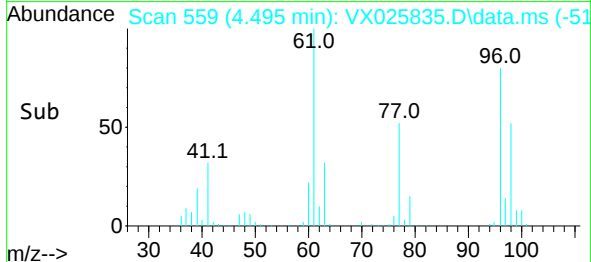
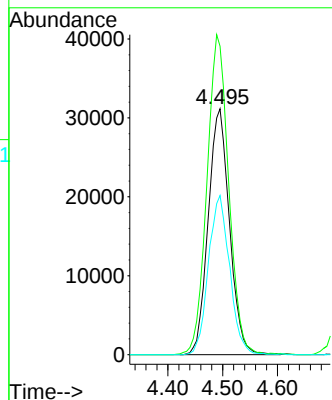
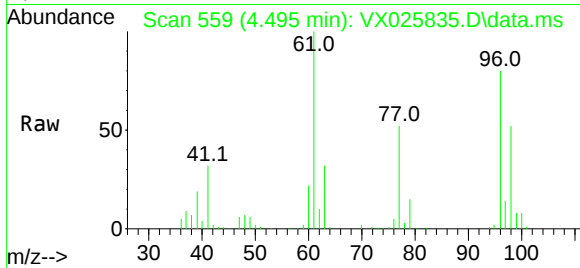
Tgt Ion: 96 Resp: 83951

Ion Ratio Lower Upper

96 100

61 132.9 0.0 276.8

98 64.6 0.0 130.6



#28

Bromochloromethane

Concen: 42.241 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

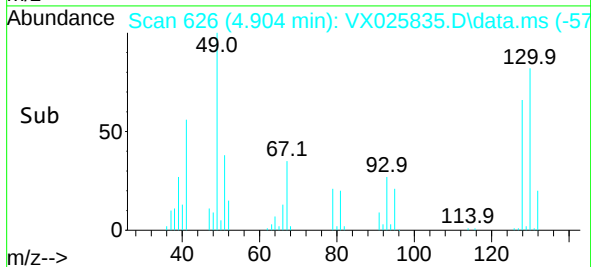
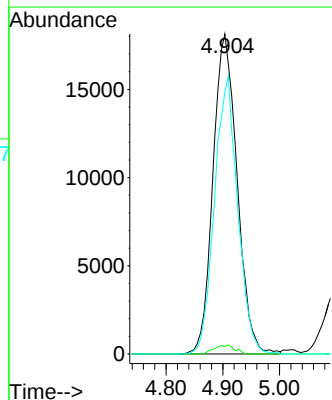
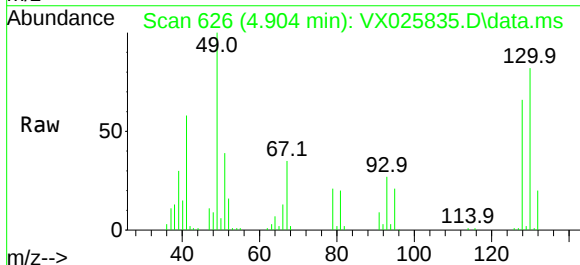
Tgt Ion: 49 Resp: 53597

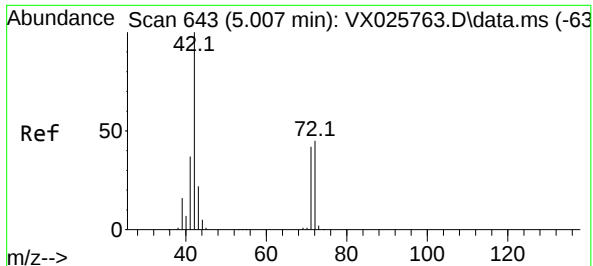
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 83.5 67.1 100.7





#29

Tetrahydrofuran

Concen: 230.714 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

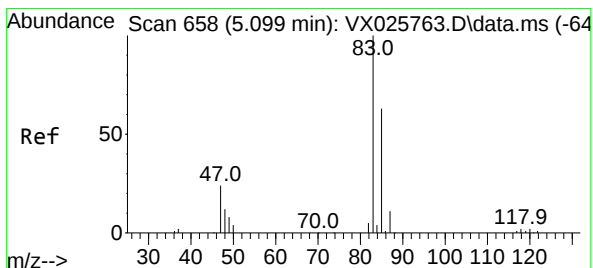
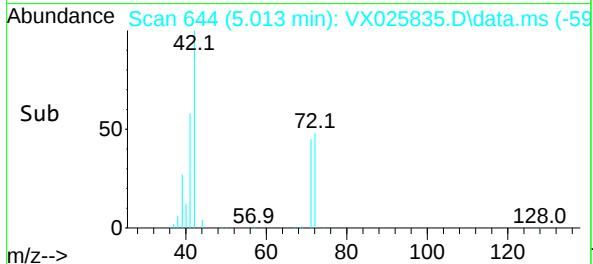
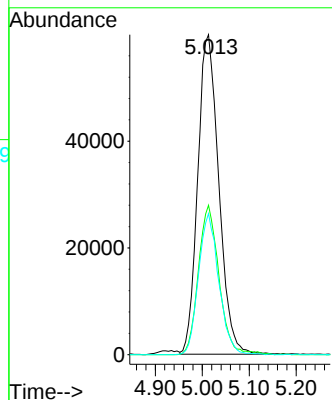
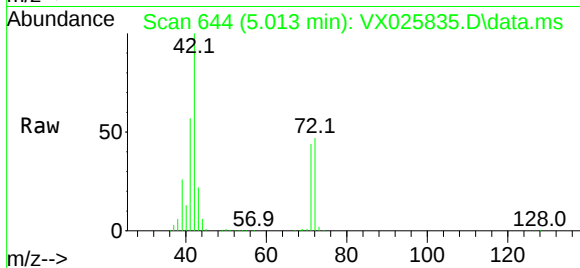
Tgt Ion: 42 Resp: 186772

Ion Ratio Lower Upper

42 100

72 45.8 37.0 55.6

71 42.5 34.1 51.1



#30

Chloroform

Concen: 44.049 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX025835.D

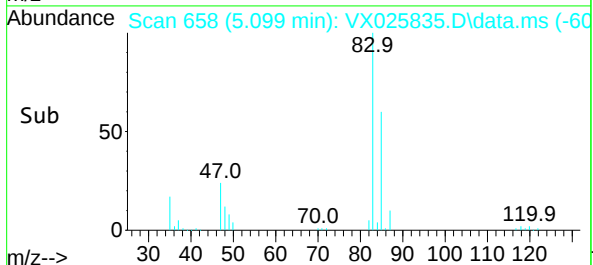
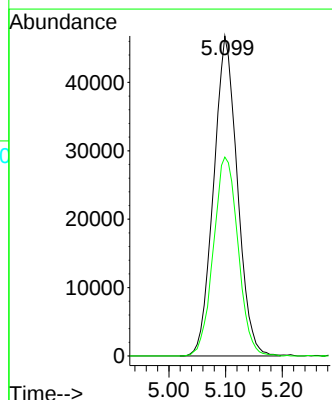
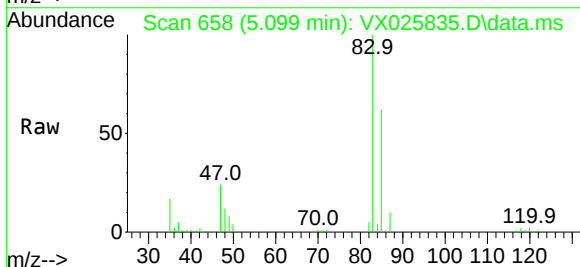
Acq: 16 Dec 2021 00:05

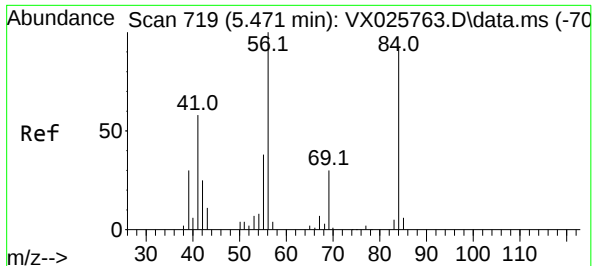
Tgt Ion: 83 Resp: 136025

Ion Ratio Lower Upper

83 100

85 62.1 50.6 75.8

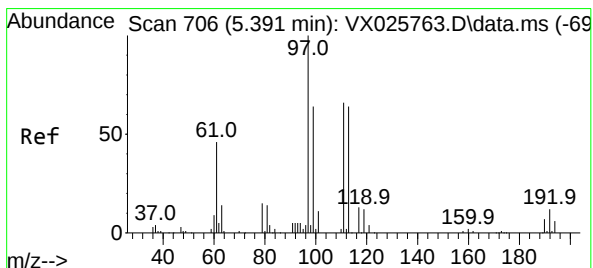
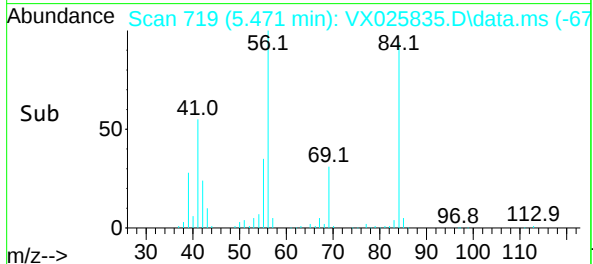
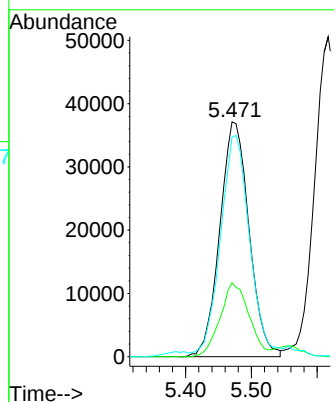
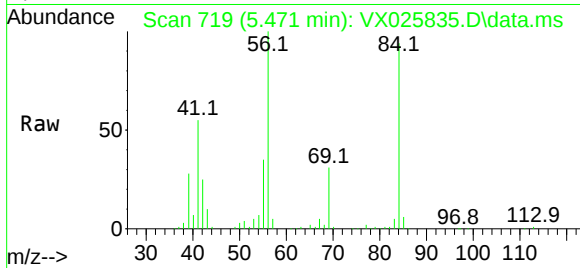




#31  
Cyclohexane  
Concen: 49.948 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

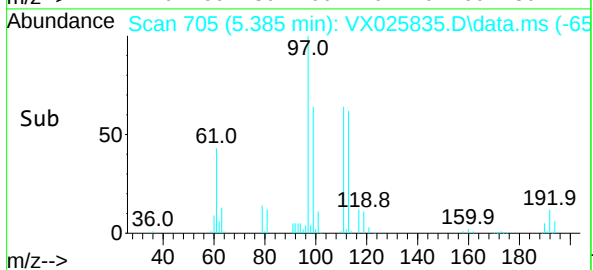
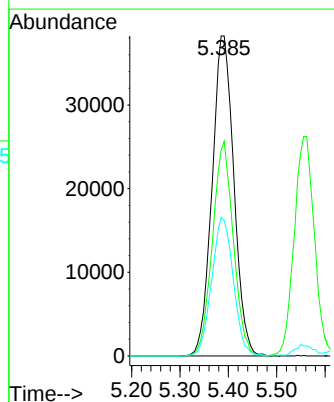
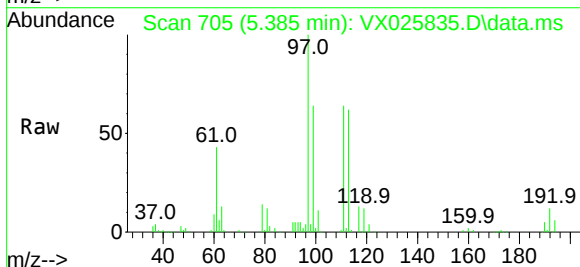
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

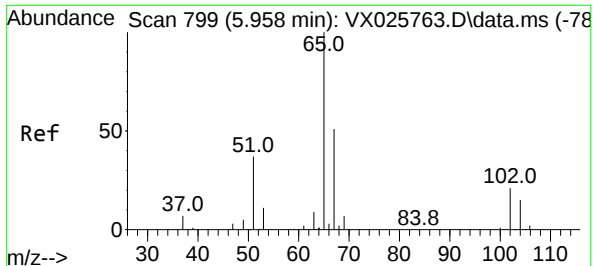
Tgt Ion: 56 Resp: 114990  
Ion Ratio Lower Upper  
56 100  
69 31.5 23.9 35.9  
84 91.7 73.2 109.8



#32  
1,1,1-Trichloroethane  
Concen: 44.485 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 97 Resp: 119559  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.5 77.3  
61 42.9 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 44.844 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

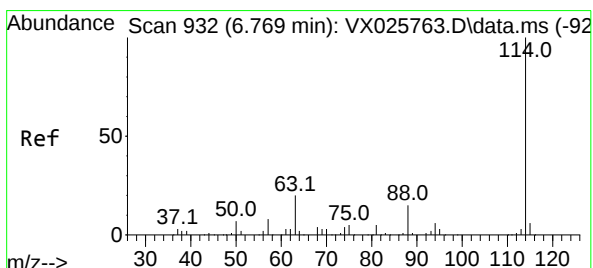
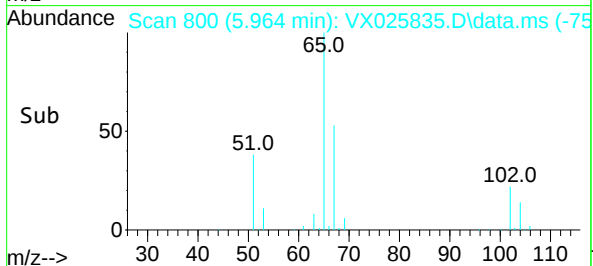
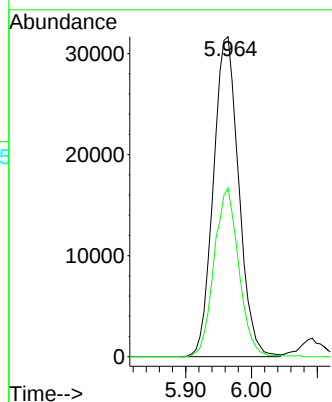
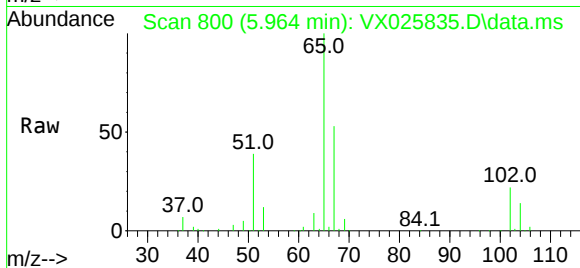
VSTDCCC050

Tgt Ion: 65 Resp: 84895

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

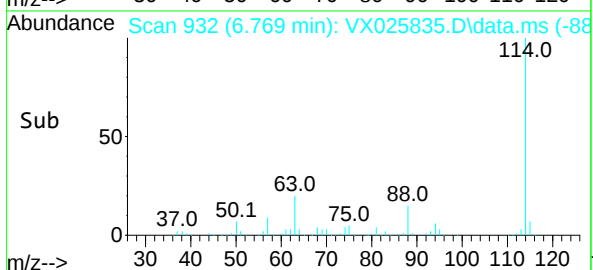
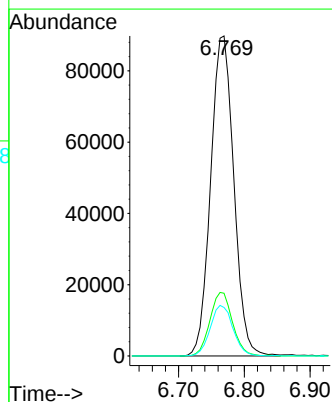
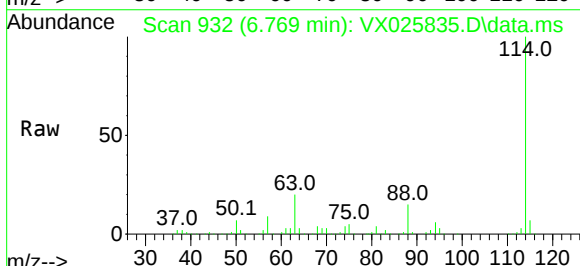
Tgt Ion: 114 Resp: 220099

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.037 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

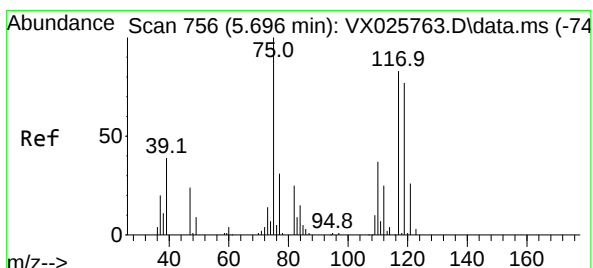
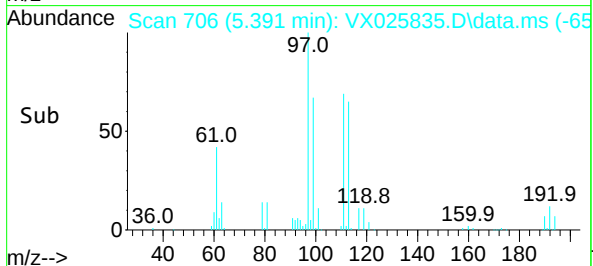
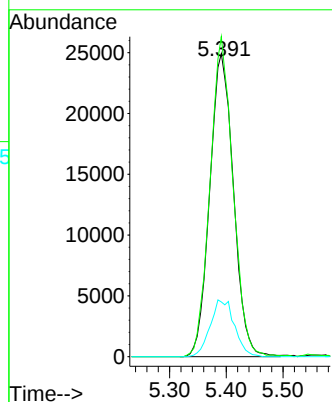
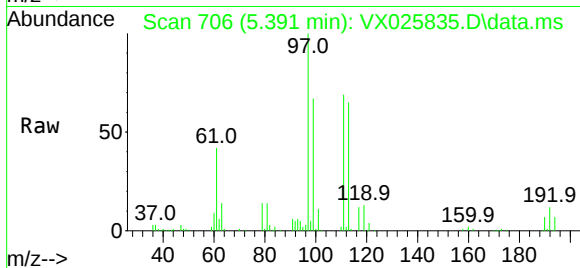
Tgt Ion:113 Resp: 72202

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

192 19.2 15.0 22.4



#36

1,1-Dichloropropene

Concen: 47.343 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

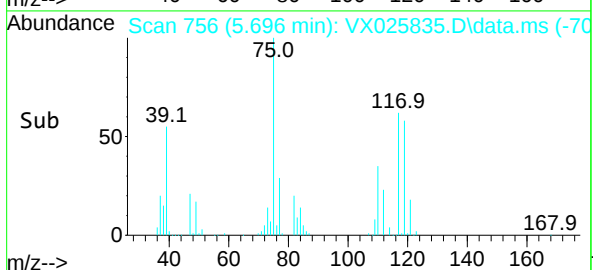
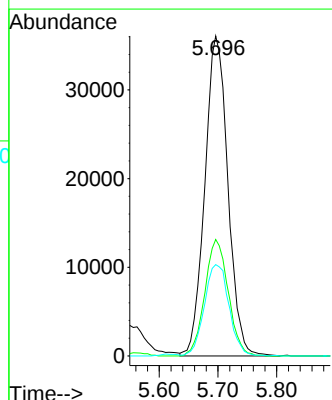
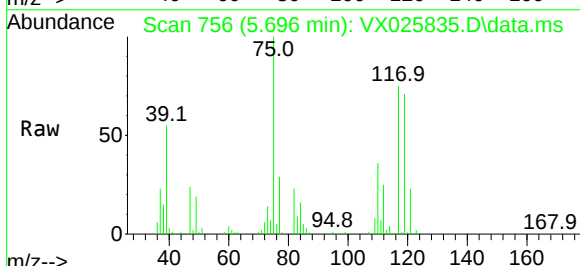
Tgt Ion: 75 Resp: 98550

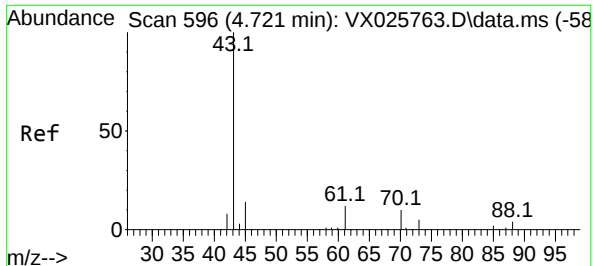
Ion Ratio Lower Upper

75 100

110 36.9 18.2 54.6

77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 46.930 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

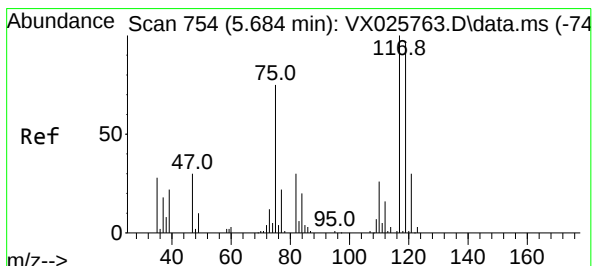
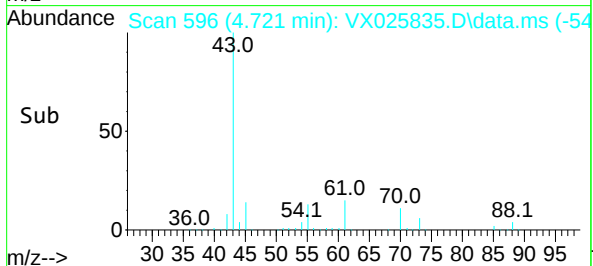
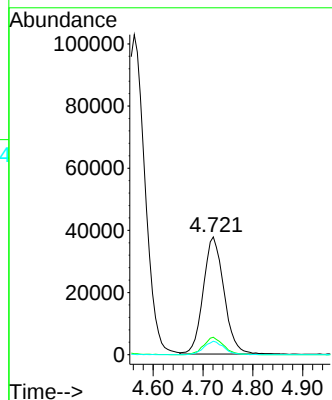
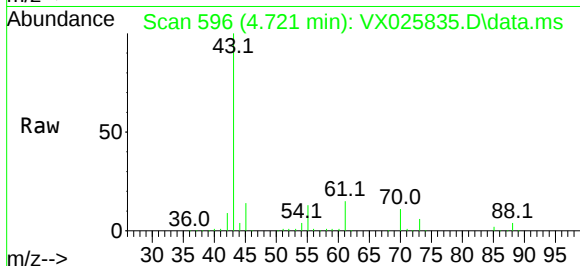
Tgt Ion: 43 Resp: 108537

Ion Ratio Lower Upper

43 100

61 14.3 10.7 16.1

70 11.0 8.5 12.7



#38

Carbon Tetrachloride

Concen: 43.104 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

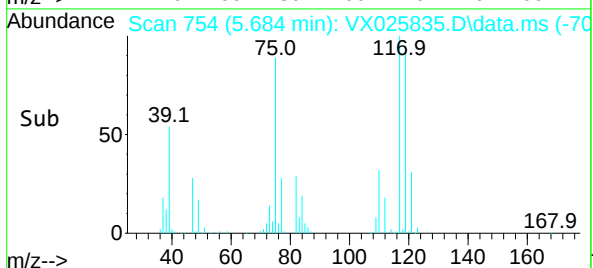
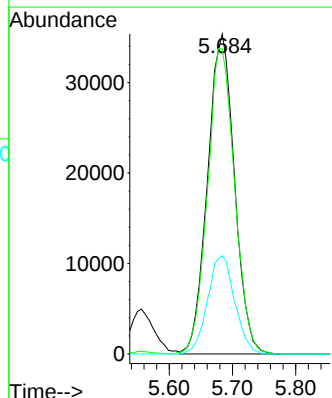
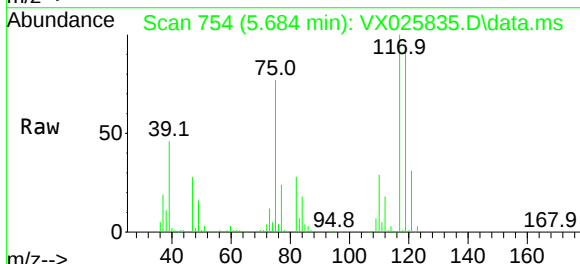
Tgt Ion: 117 Resp: 104399

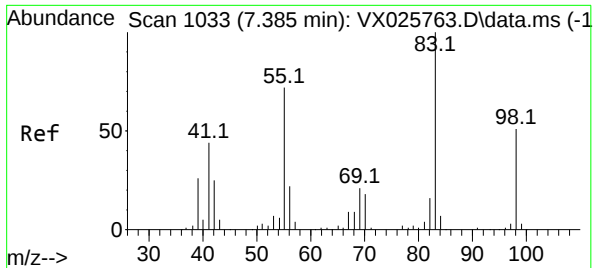
Ion Ratio Lower Upper

117 100

119 95.3 77.2 115.8

121 30.7 23.8 35.8

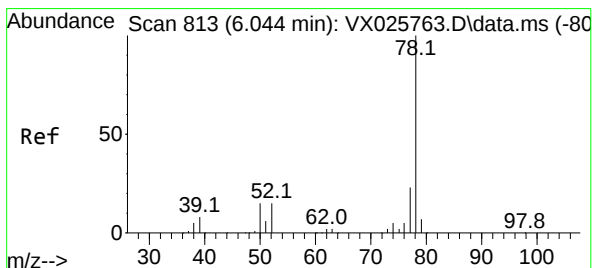
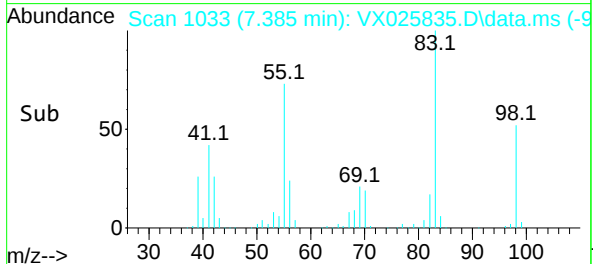
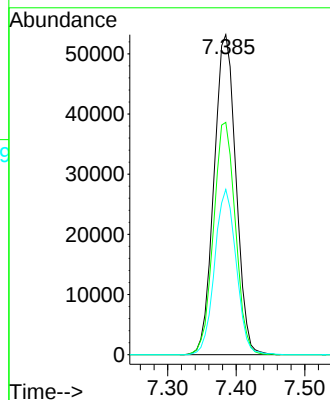
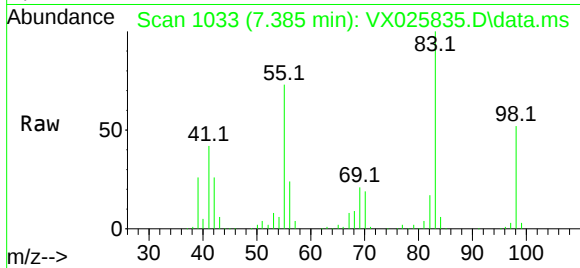




#39  
Methylcyclohexane  
Concen: 50.692 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

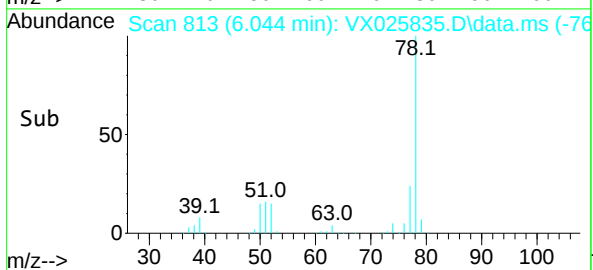
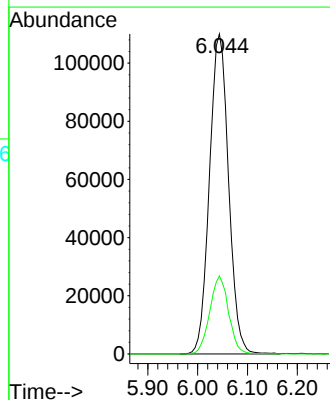
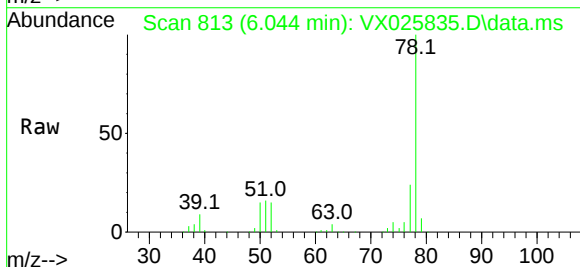
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

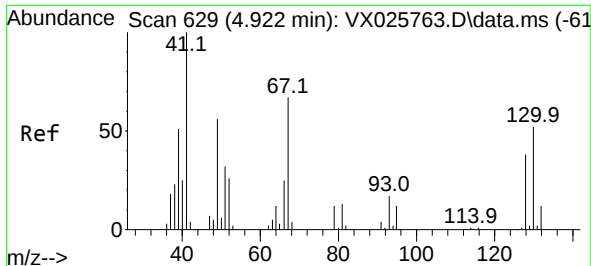
Tgt Ion: 83 Resp: 118070  
Ion Ratio Lower Upper  
83 100  
55 72.6 57.8 86.8  
98 51.6 40.5 60.7



#40  
Benzene  
Concen: 47.143 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 78 Resp: 292733  
Ion Ratio Lower Upper  
78 100  
77 24.4 18.6 27.8

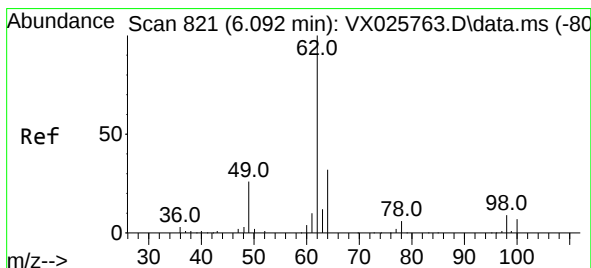
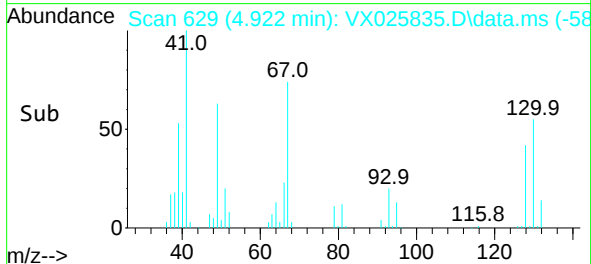
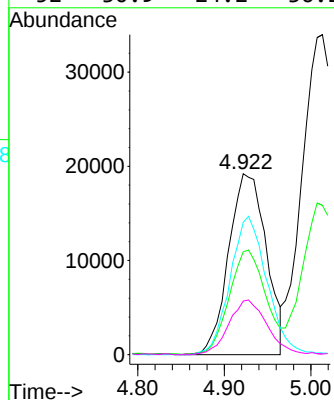
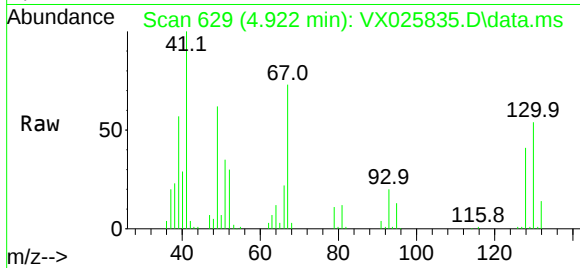




#41  
Methacrylonitrile  
Concen: 45.351 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

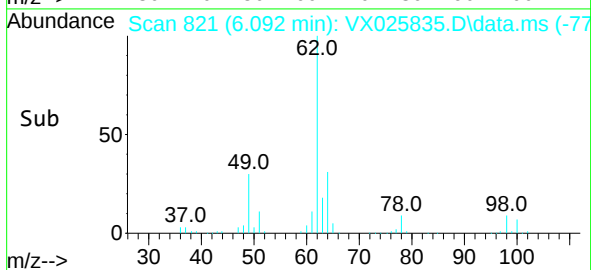
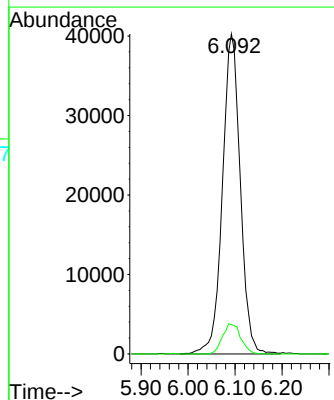
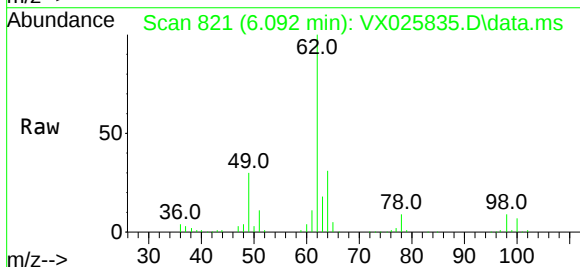
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

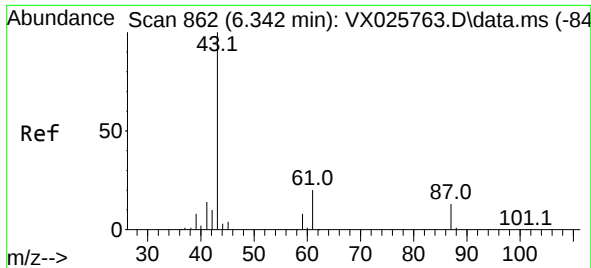
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 58045 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.1  | 44.2  | 66.2  |
| 67       | 75.2  | 59.7  | 89.5  |
| 52       | 30.9  | 24.2  | 36.2  |



#42  
1,2-Dichloroethane  
Concen: 45.040 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 106295 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.7   | 0.0   | 18.8   |

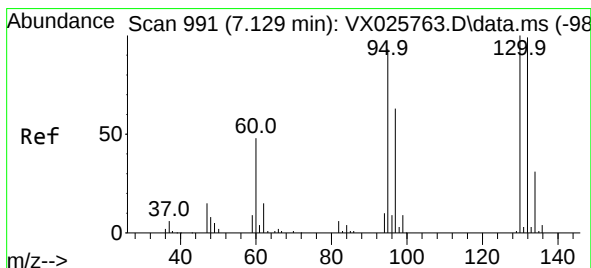
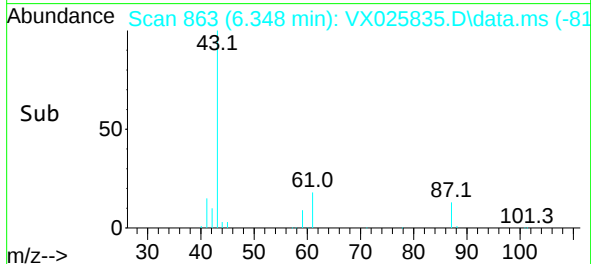
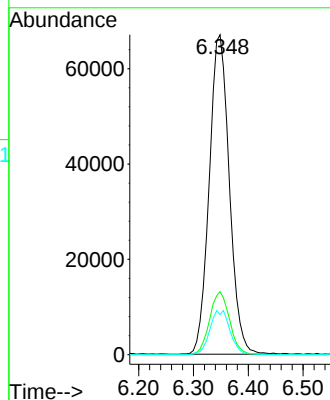
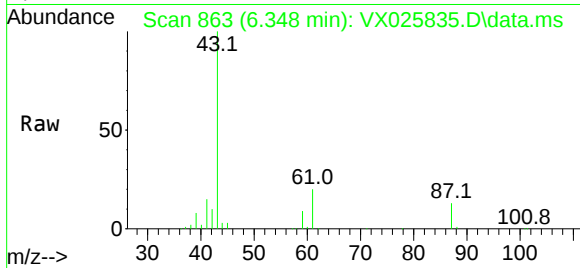




#43  
Isopropyl Acetate  
Concen: 45.764 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

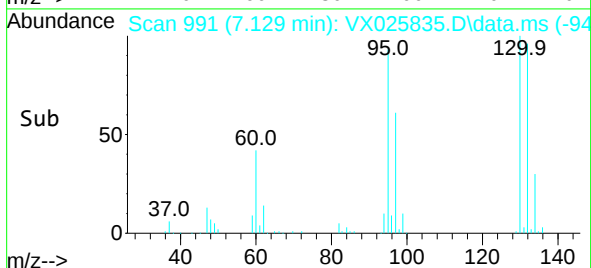
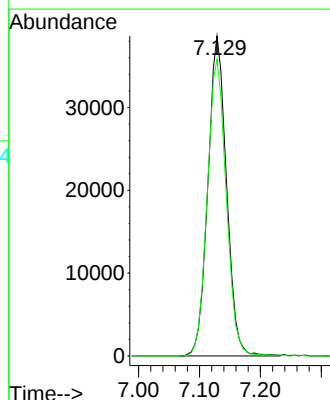
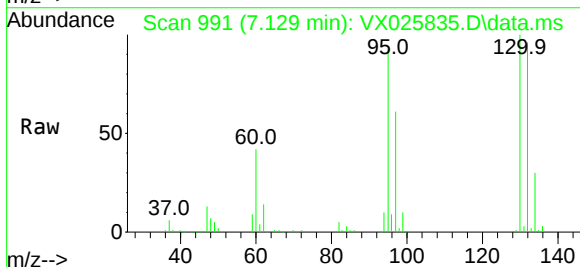
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

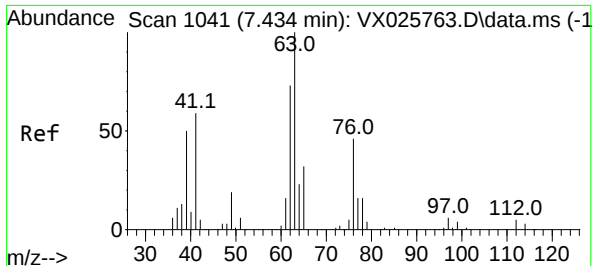
Tgt Ion: 43 Resp: 170518  
Ion Ratio Lower Upper  
43 100  
61 19.6 15.7 23.5  
87 14.0 11.2 16.8



#44  
Trichloroethene  
Concen: 47.430 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion:130 Resp: 81994  
Ion Ratio Lower Upper  
130 100  
95 92.8 0.0 186.4





#45

1,2-Dichloropropane

Concen: 47.218 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

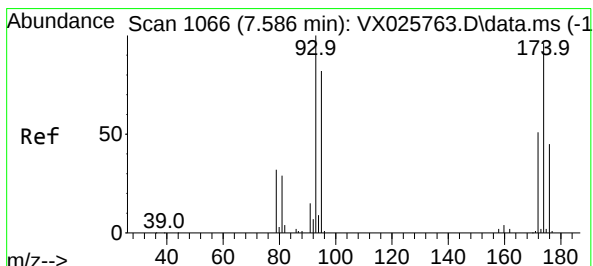
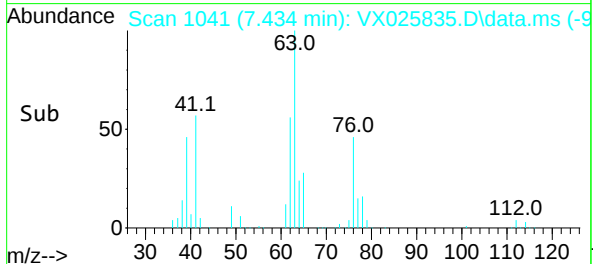
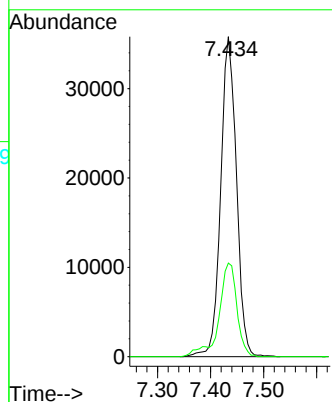
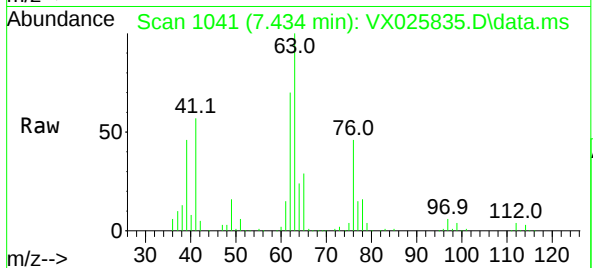
VSTDCCC050

Tgt Ion: 63 Resp: 73900

Ion Ratio Lower Upper

63 100

65 29.2 25.8 38.6



#46

Dibromomethane

Concen: 45.318 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

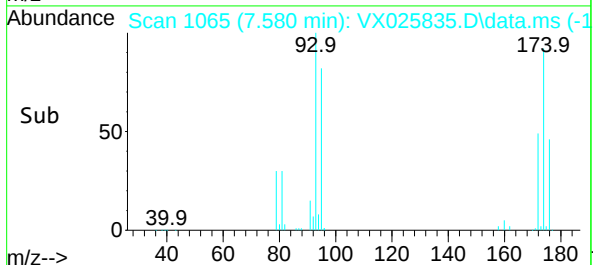
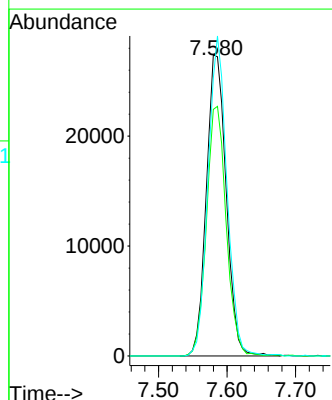
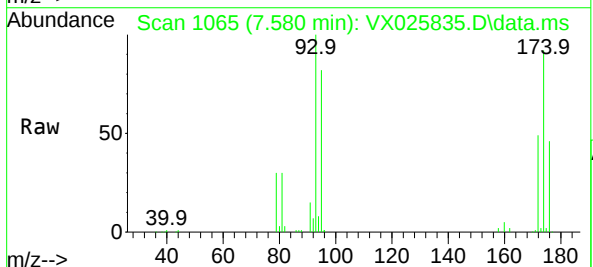
Tgt Ion: 93 Resp: 55217

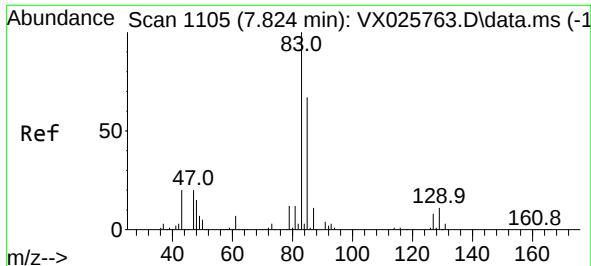
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 101.2 77.3 115.9

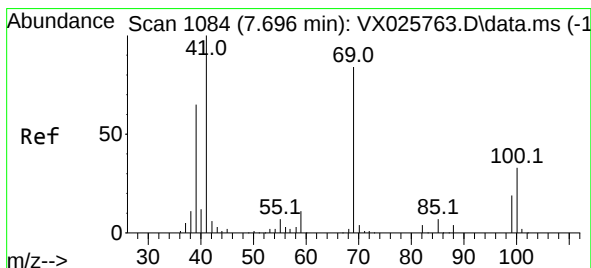
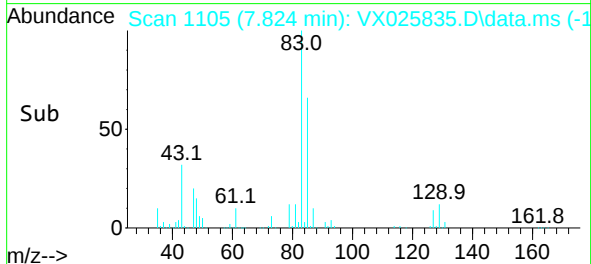
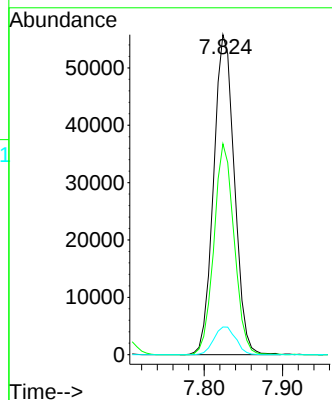
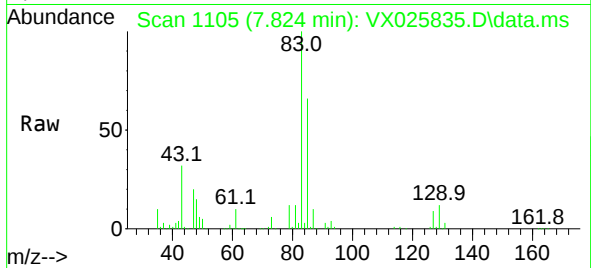




#47  
Bromodichloromethane  
Concen: 42.908 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

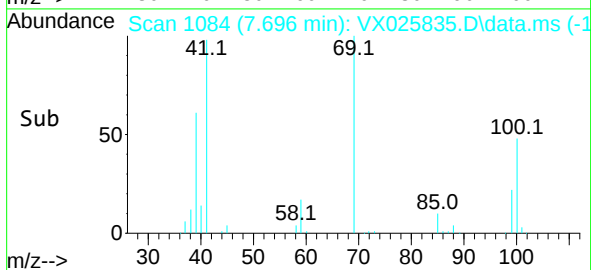
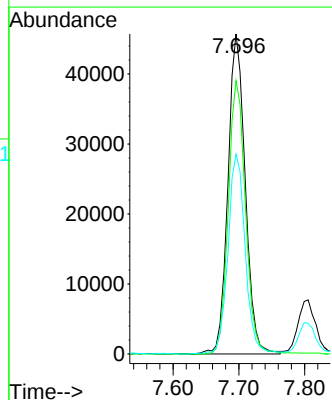
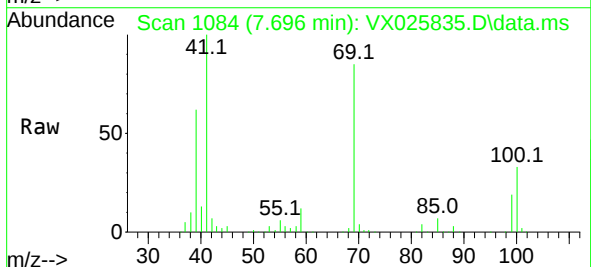
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

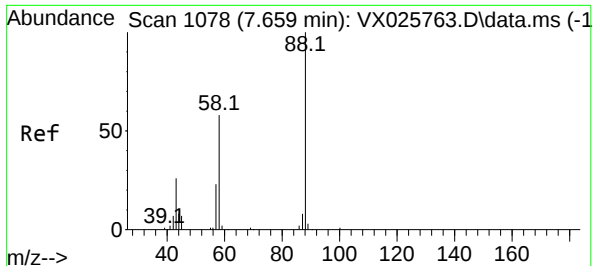
Tgt Ion: 83 Resp: 103042  
Ion Ratio Lower Upper  
83 100  
85 65.9 53.5 80.3  
127 8.7 6.6 10.0



#48  
Methyl methacrylate  
Concen: 47.687 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 41 Resp: 83674  
Ion Ratio Lower Upper  
41 100  
69 84.8 67.3 100.9  
39 62.3 50.2 75.2





#49

1,4-Dioxane

Concen: 998.721 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

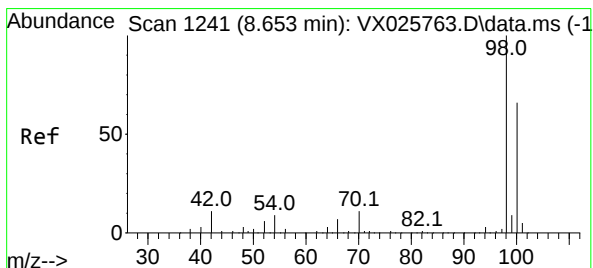
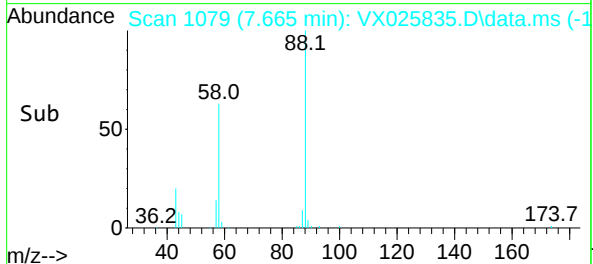
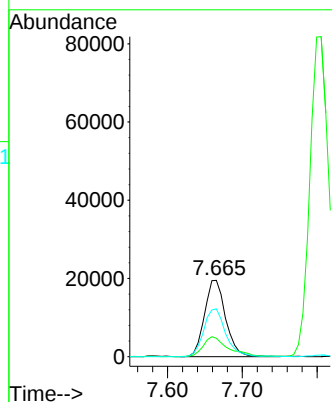
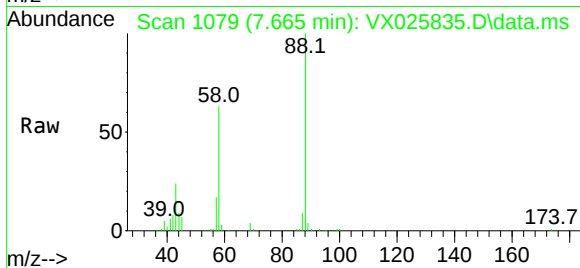
Tgt Ion: 88 Resp: 38257

Ion Ratio Lower Upper

88 100

43 31.4 25.3 37.9

58 65.6 51.8 77.6



#50

Toluene-d8

Concen: 48.226 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025835.D

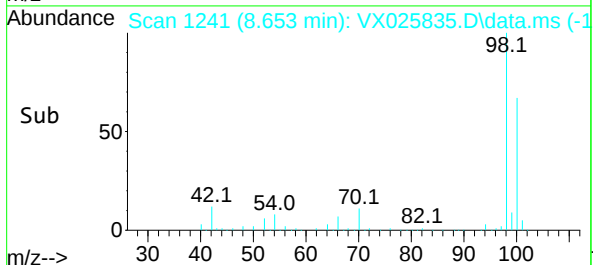
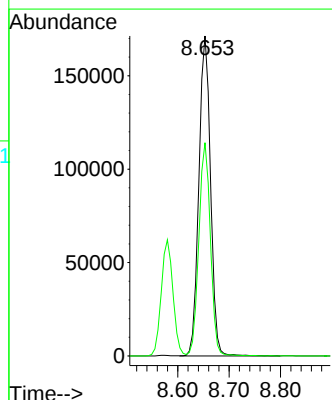
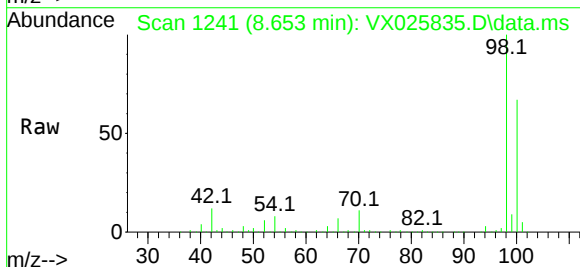
Acq: 16 Dec 2021 00:05

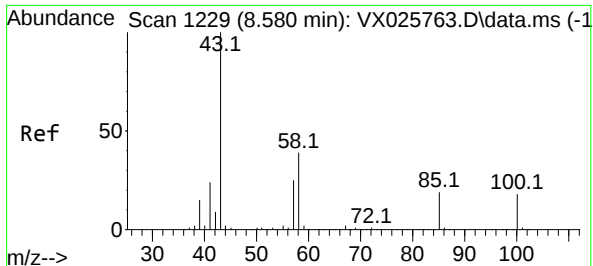
Tgt Ion: 98 Resp: 269715

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8

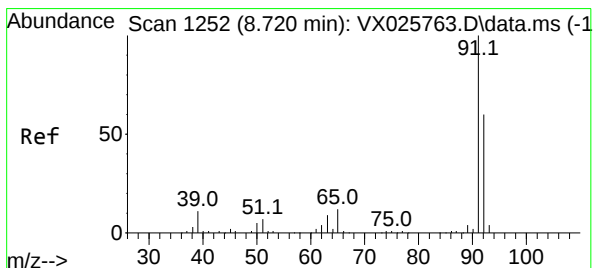
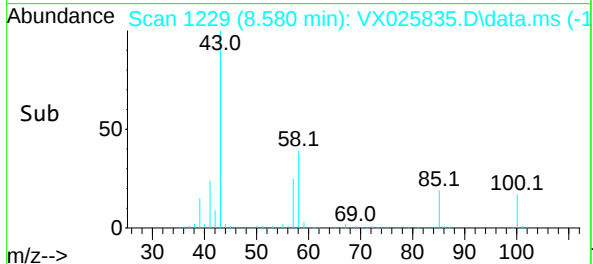
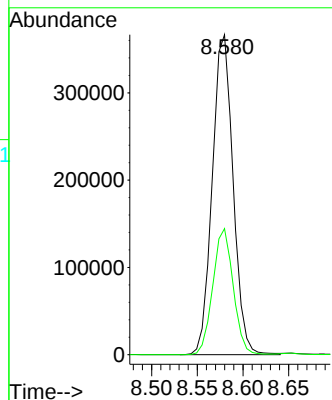
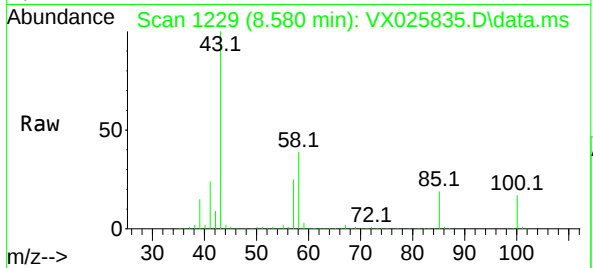




#51  
4-Methyl-2-Pentanone  
Concen: 237.512 ug/l  
RT: 8.580 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

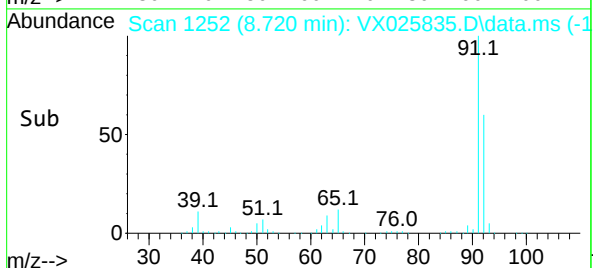
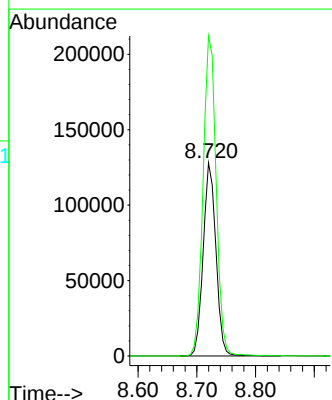
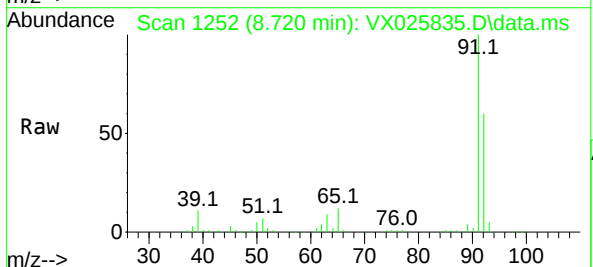
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

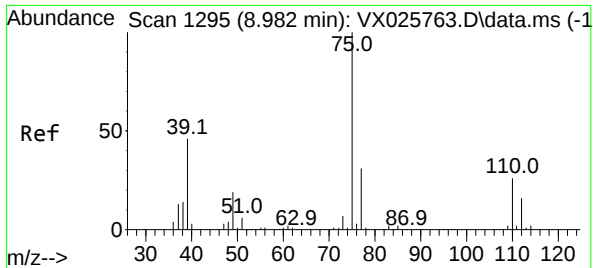
Tgt Ion: 43 Resp: 579327  
Ion Ratio Lower Upper  
43 100  
58 38.7 30.8 46.2



#52  
Toluene  
Concen: 48.758 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 92 Resp: 192912  
Ion Ratio Lower Upper  
92 100  
91 170.6 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 43.378 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

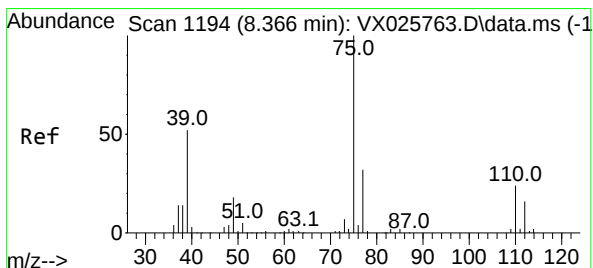
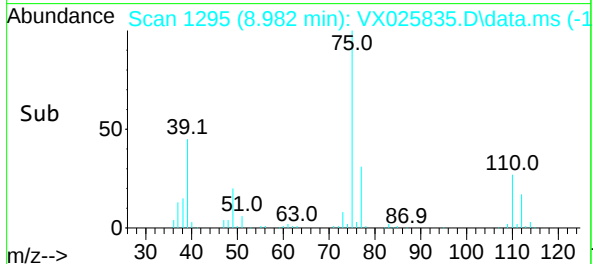
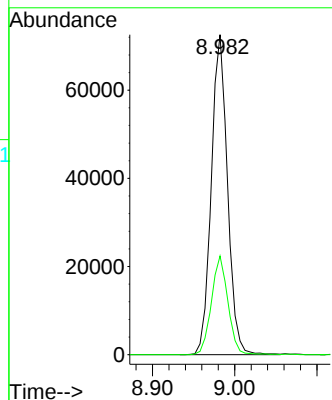
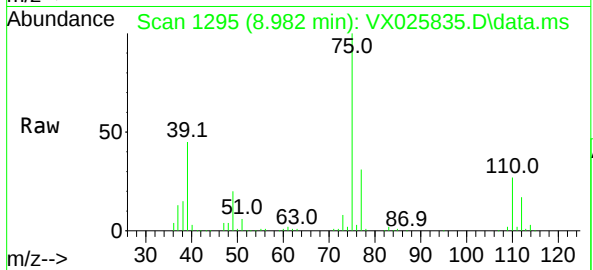
VSTDCCC050

Tgt Ion: 75 Resp: 99293

Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 44.765 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

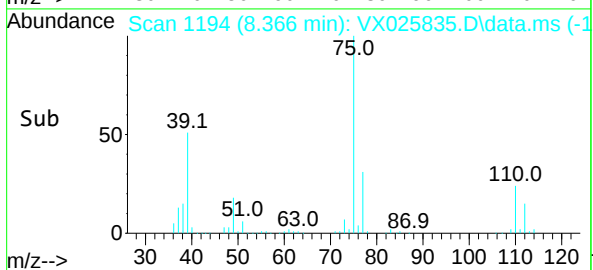
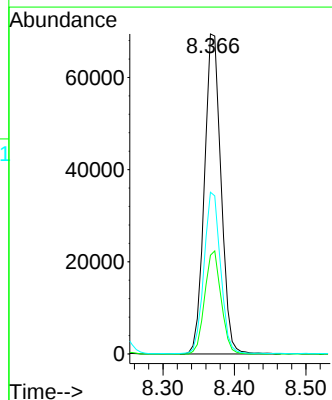
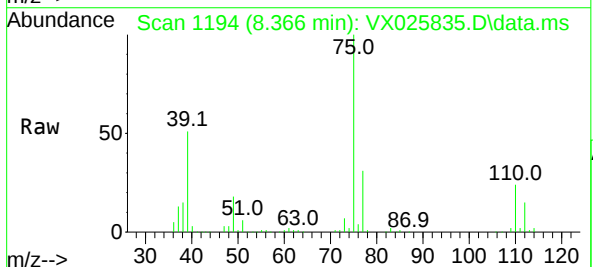
Tgt Ion: 75 Resp: 112117

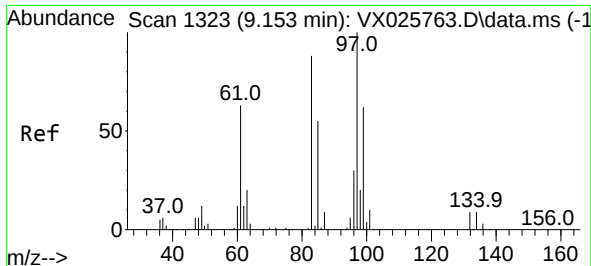
Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

39 50.4 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 46.223 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 78427

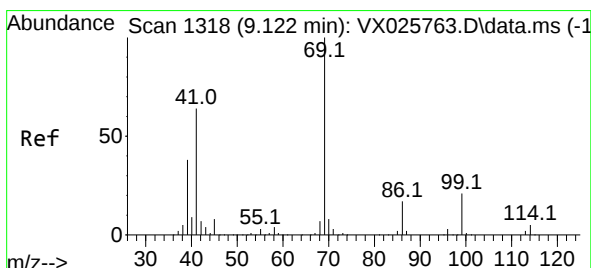
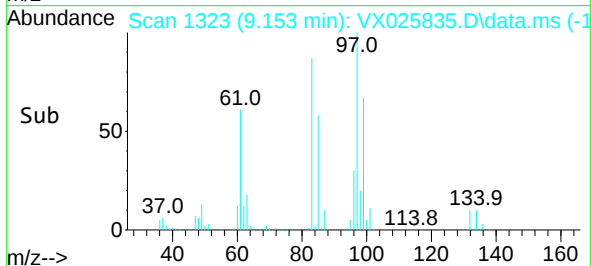
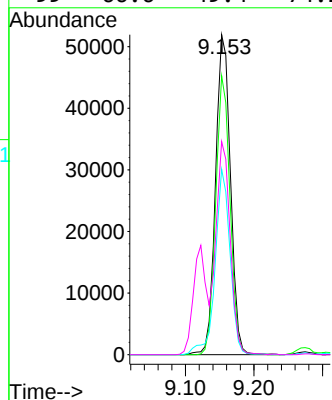
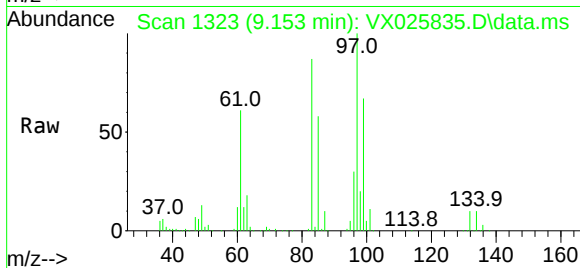
Ion Ratio Lower Upper

97 100

83 87.1 70.5 105.7

85 57.9 43.8 65.6

99 66.6 49.4 74.2



#56

Ethyl methacrylate

Concen: 48.351 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

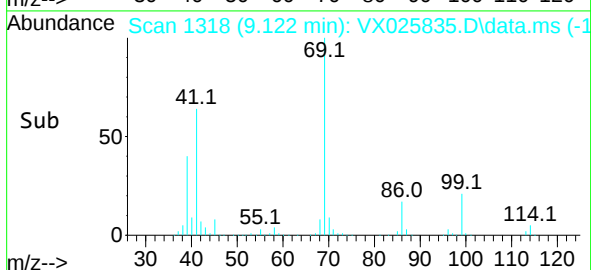
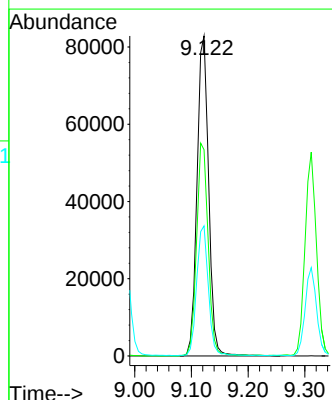
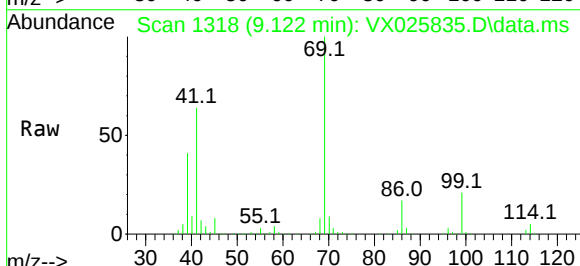
Tgt Ion: 69 Resp: 117818

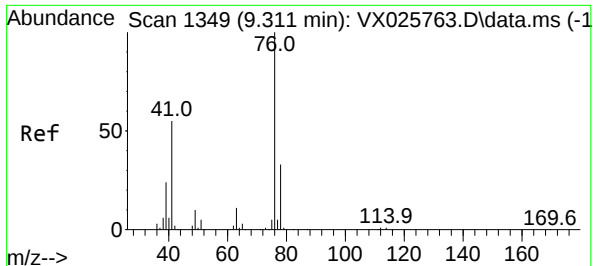
Ion Ratio Lower Upper

69 100

41 66.7 52.8 79.2

39 41.0 32.5 48.7





#57

1,3-Dichloropropane

Concen: 46.388 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

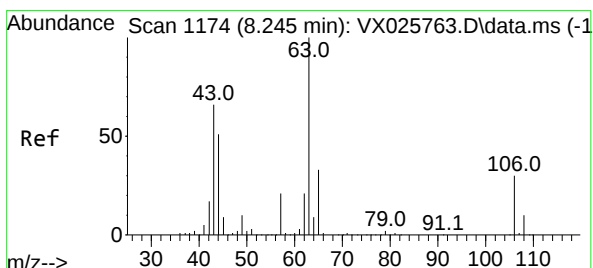
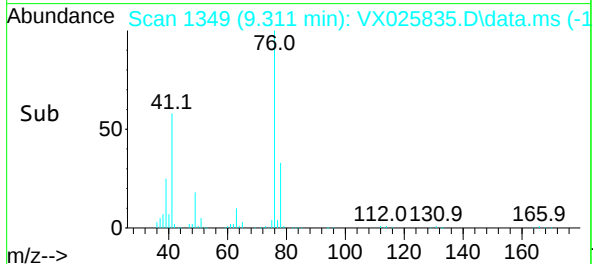
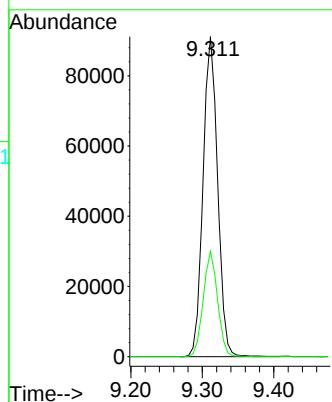
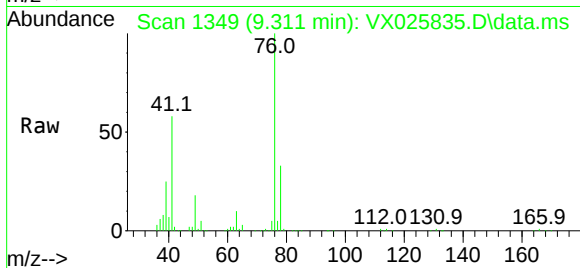
VSTDCCC050

Tgt Ion: 76 Resp: 129102

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 228.983 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX025835.D

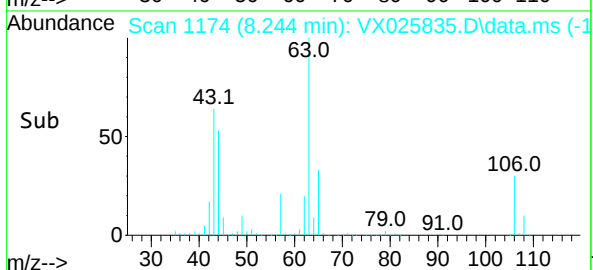
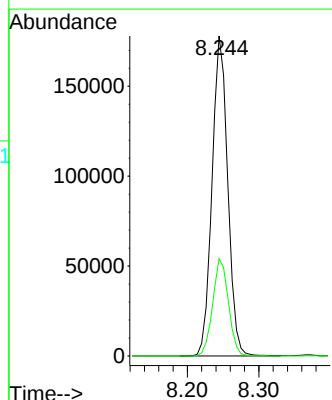
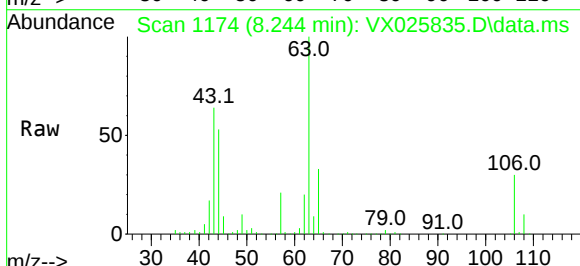
Acq: 16 Dec 2021 00:05

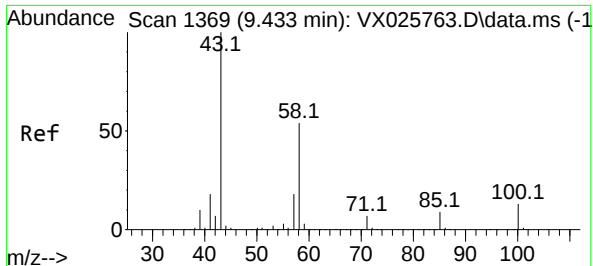
Tgt Ion: 63 Resp: 270867

Ion Ratio Lower Upper

63 100

106 30.5 24.4 36.6

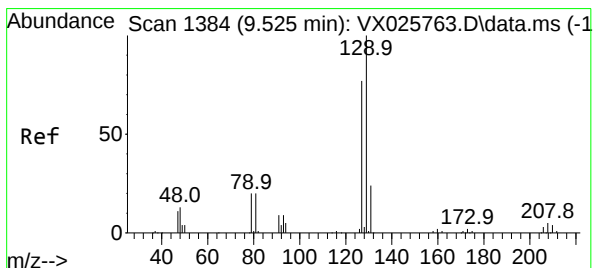
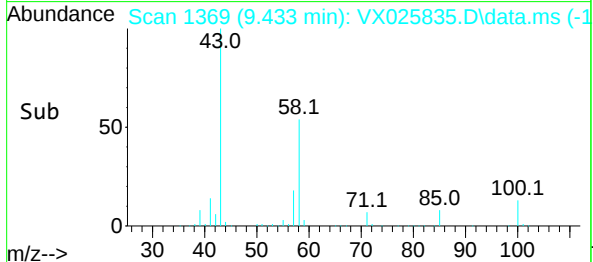
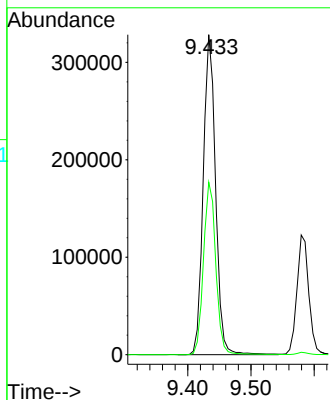
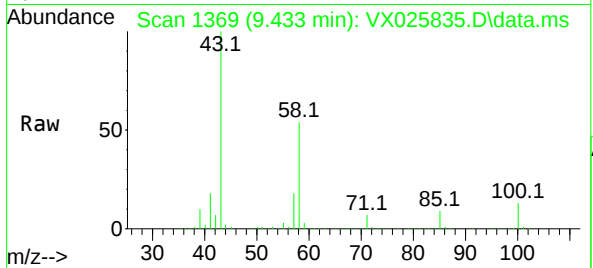




#59  
2-Hexanone  
Concen: 241.046 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

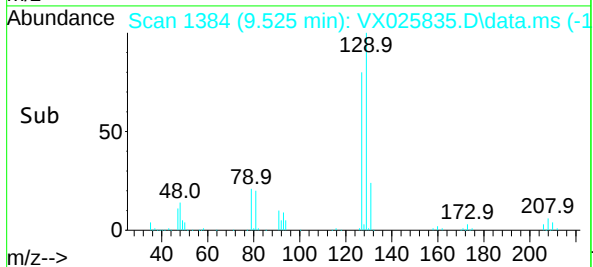
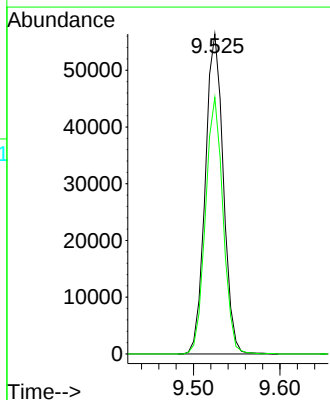
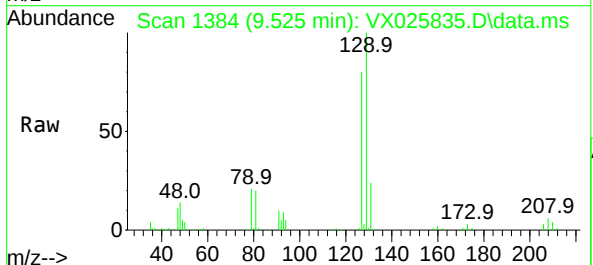
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

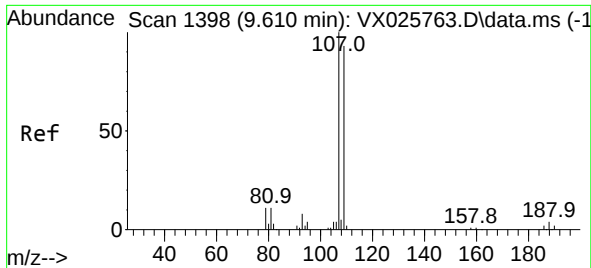
Tgt Ion: 43 Resp: 445476  
Ion Ratio Lower Upper  
43 100  
58 54.1 26.9 80.6



#60  
Dibromochloromethane  
Concen: 42.347 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion:129 Resp: 81550  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.6 115.7

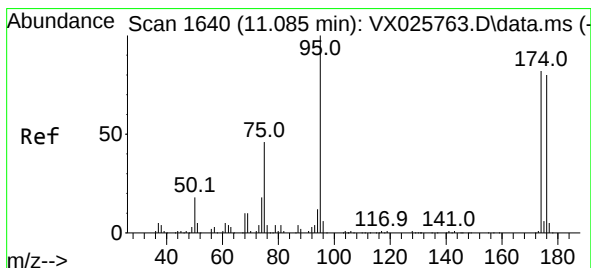
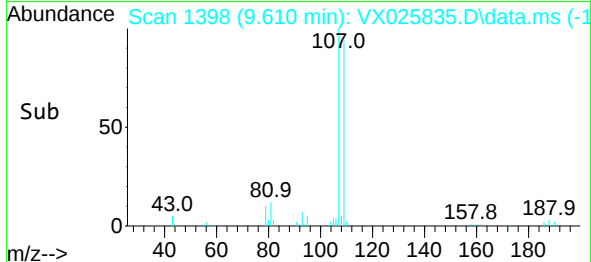
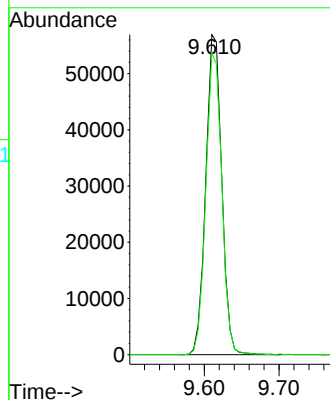
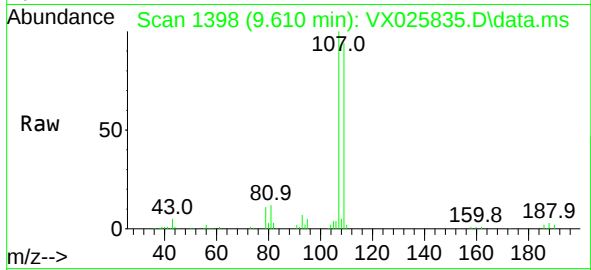




#61  
1,2-Dibromoethane  
Concen: 45.827 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

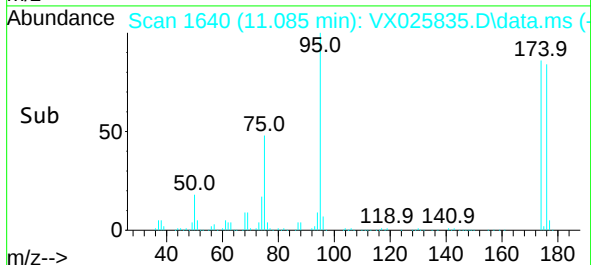
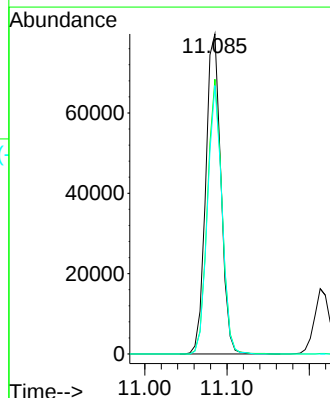
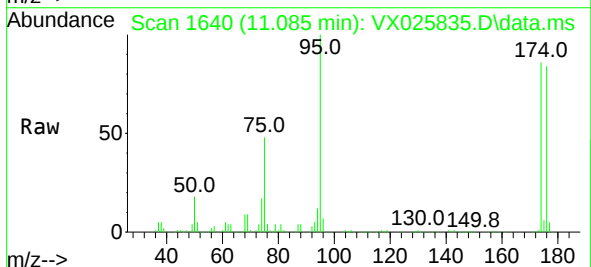
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

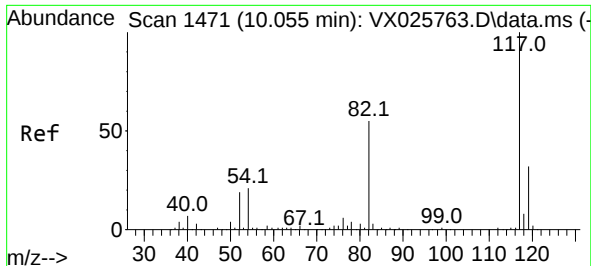
Tgt Ion:107 Resp: 84308  
Ion Ratio Lower Upper  
107 100  
109 94.3 75.1 112.7



#62  
4-Bromofluorobenzene  
Concen: 47.970 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 95 Resp: 101911  
Ion Ratio Lower Upper  
95 100  
174 82.0 0.0 157.4  
176 79.9 0.0 154.6

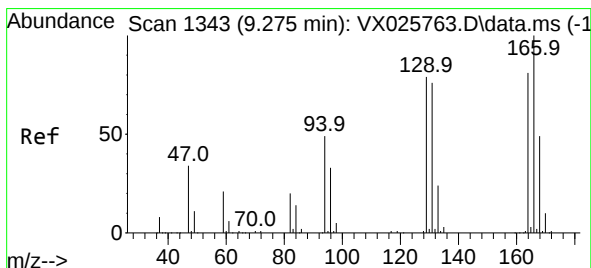
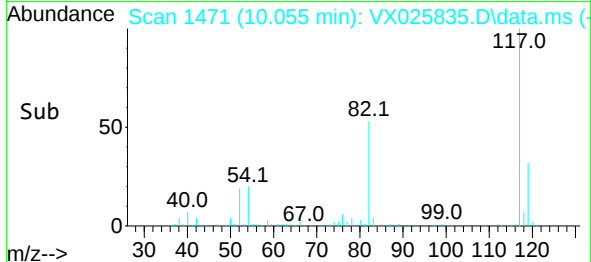
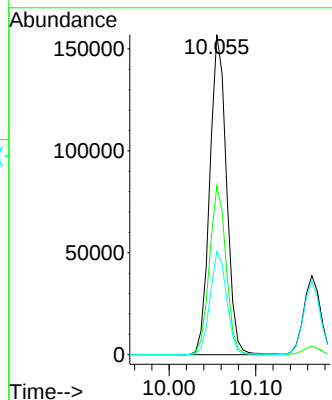
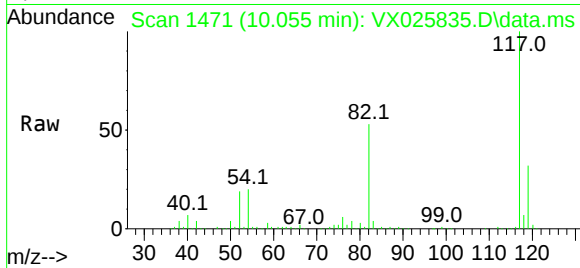




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

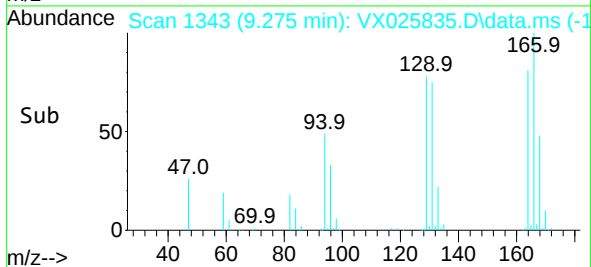
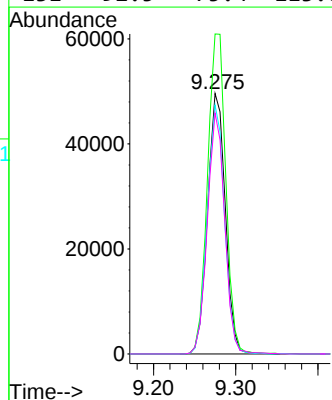
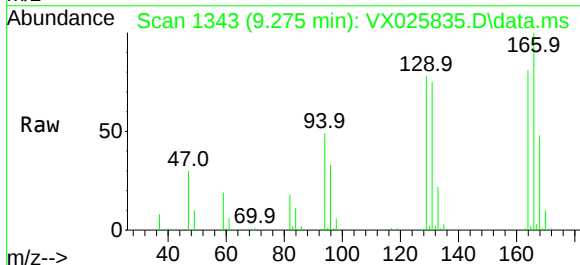
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

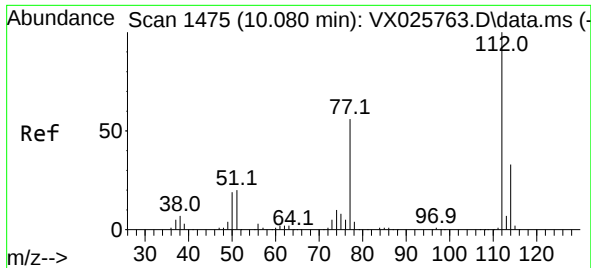
Tgt Ion:117 Resp: 209960  
Ion Ratio Lower Upper  
117 100  
82 52.7 43.8 65.6  
119 32.2 25.2 37.8



#64  
Tetrachloroethene  
Concen: 44.456 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion:164 Resp: 74455  
Ion Ratio Lower Upper  
164 100  
166 122.9 99.4 149.0  
129 95.6 78.6 118.0  
131 92.5 75.4 113.0

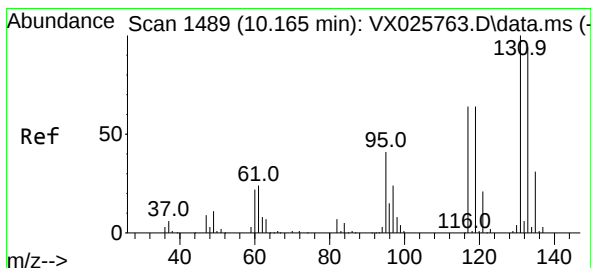
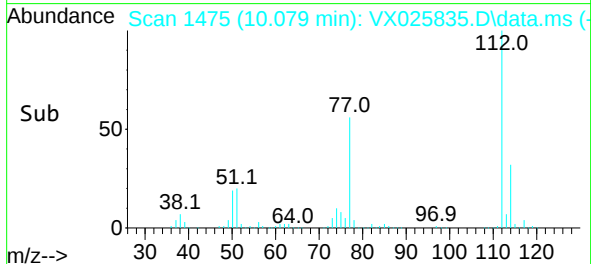
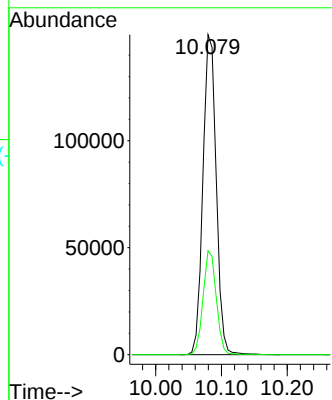
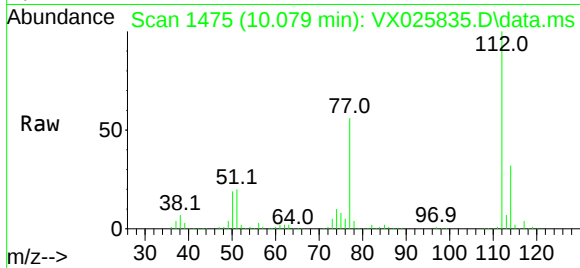




#65  
Chlorobenzene  
Concen: 48.041 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

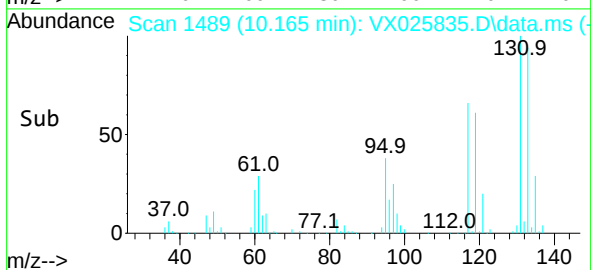
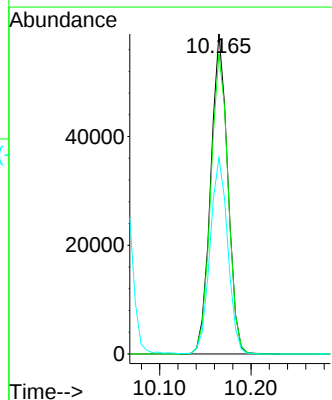
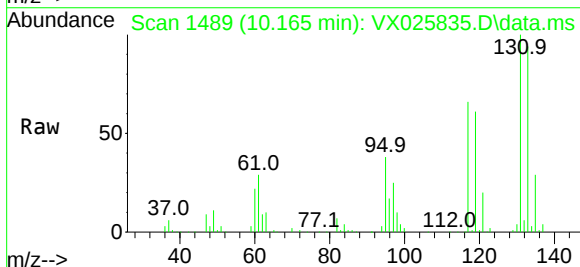
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

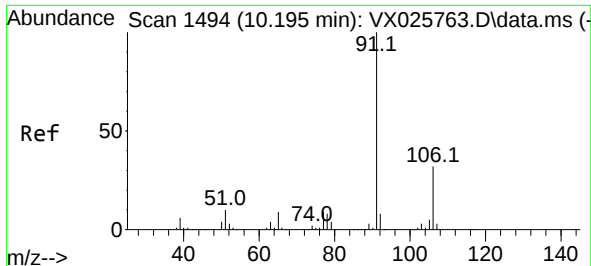
Tgt Ion:112 Resp: 210256  
Ion Ratio Lower Upper  
112 100  
114 32.5 26.6 39.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 44.495 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion:131 Resp: 76043  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.1 141.3  
119 63.6 31.9 95.9





#67

Ethyl Benzene

Concen: 50.012 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

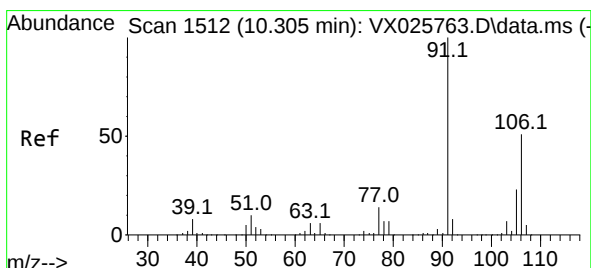
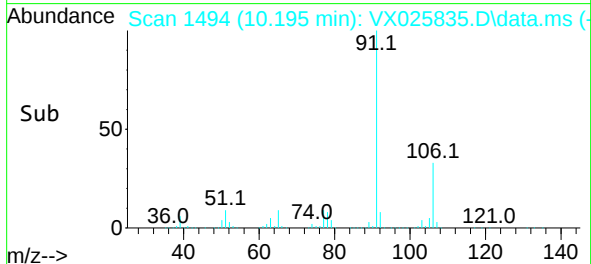
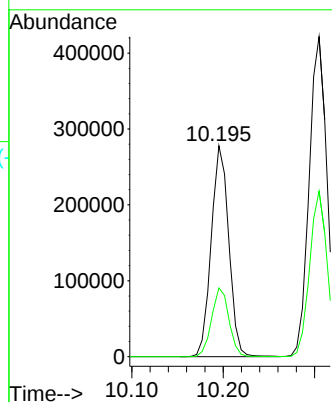
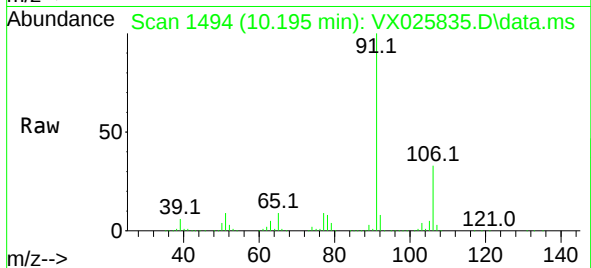
VSTDCCC050

Tgt Ion: 91 Resp: 370139

Ion Ratio Lower Upper

91 100

106 32.6 25.7 38.5



#68

m/p-Xylenes

Concen: 101.578 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX025835.D

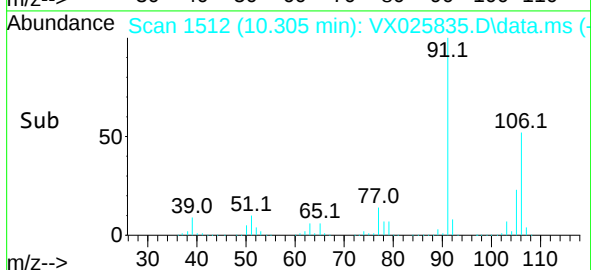
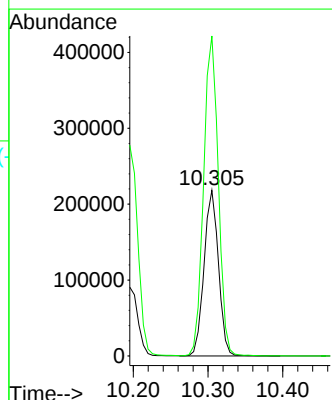
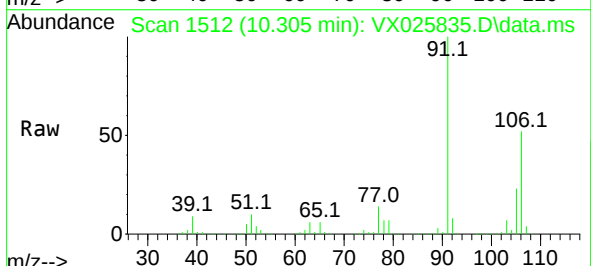
Acq: 16 Dec 2021 00:05

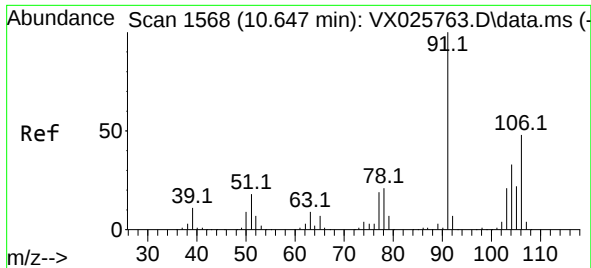
Tgt Ion: 106 Resp: 292528

Ion Ratio Lower Upper

106 100

91 196.2 158.6 238.0

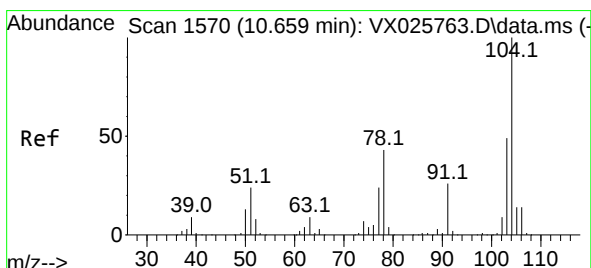
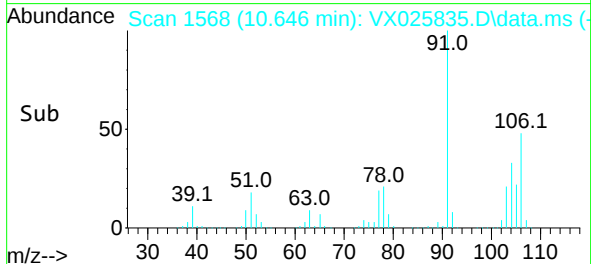
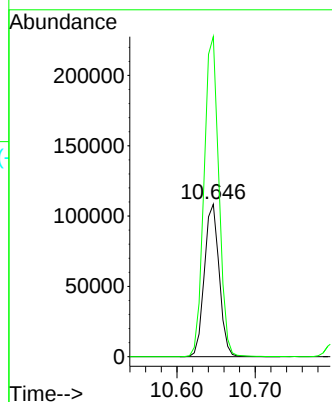
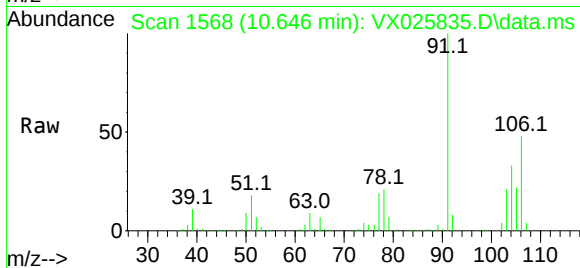




#69  
o-Xylene  
Concen: 50.202 ug/l  
RT: 10.646 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

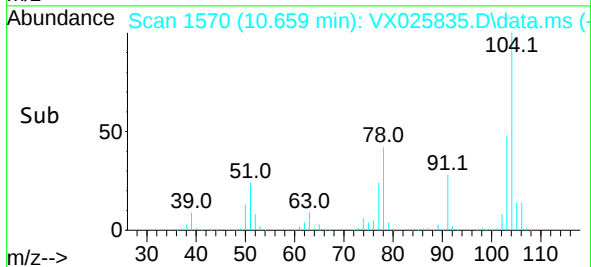
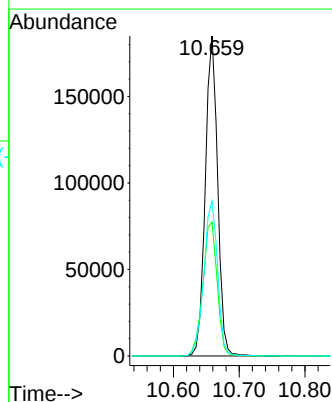
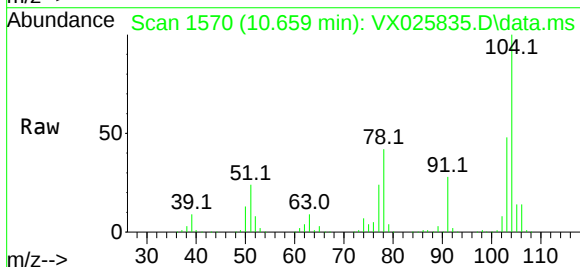
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

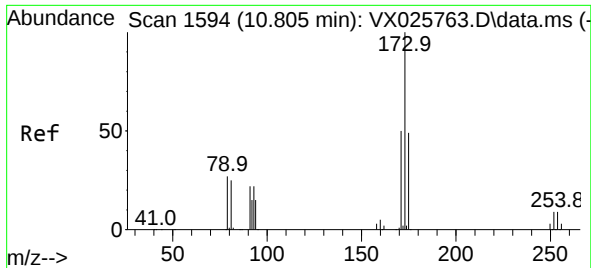
Tgt Ion:106 Resp: 142224  
Ion Ratio Lower Upper  
106 100  
91 210.3 105.5 316.4



#70  
Styrene  
Concen: 51.199 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion:104 Resp: 241366  
Ion Ratio Lower Upper  
104 100  
78 48.5 39.8 59.6  
103 54.1 43.0 64.6

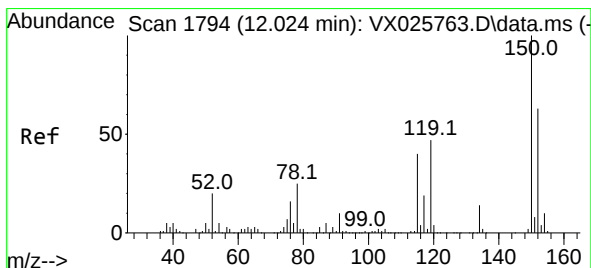
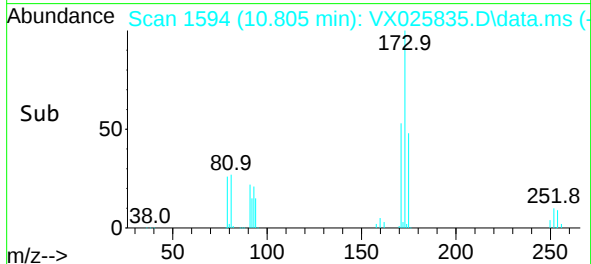
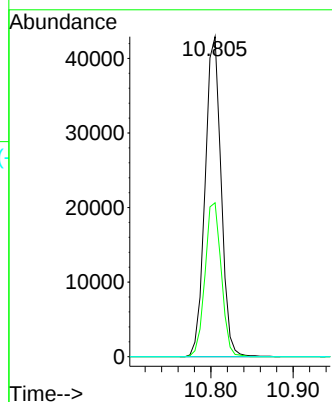
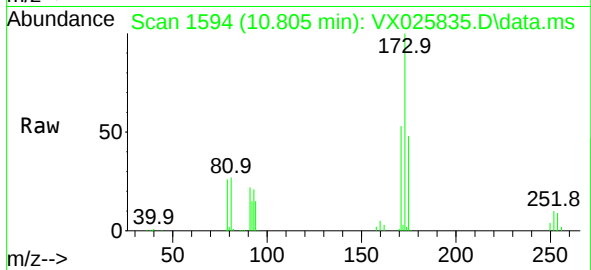




#71  
Bromoform  
Concen: 41.191 ug/l  
RT: 10.805 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

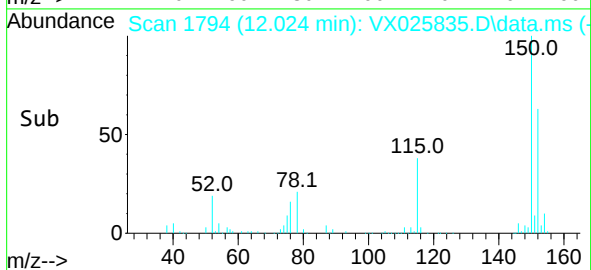
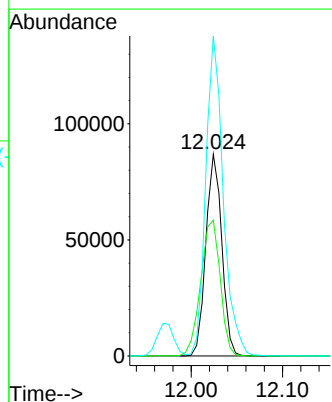
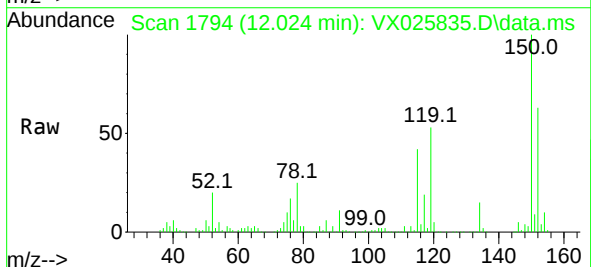
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

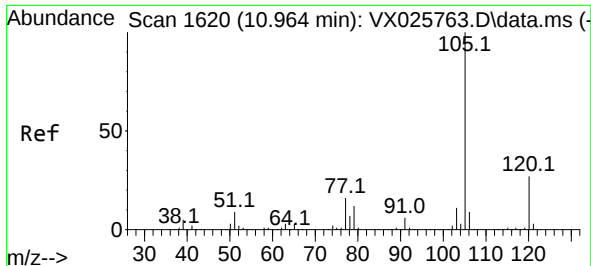
Tgt Ion:173 Resp: 57992  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.4 73.4  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion:152 Resp: 104929  
Ion Ratio Lower Upper  
152 100  
115 82.5 41.3 123.9  
150 174.5 0.0 351.8

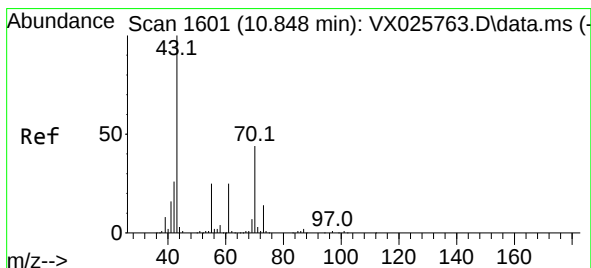
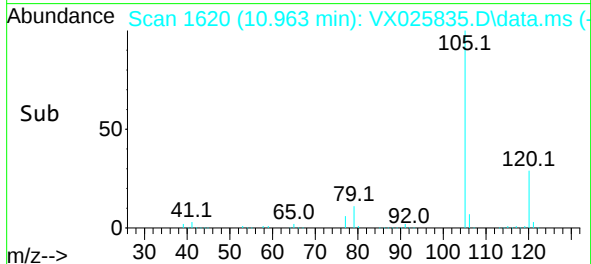
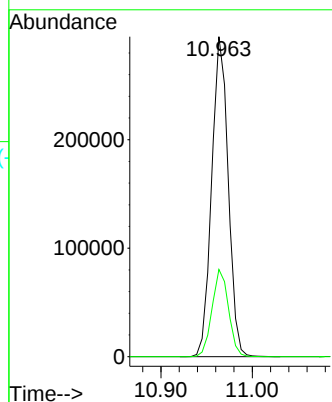
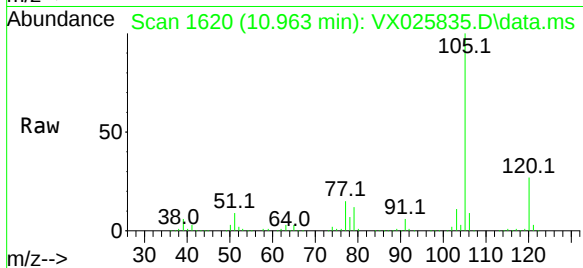




#73  
Isopropylbenzene  
Concen: 48.475 ug/l  
RT: 10.963 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

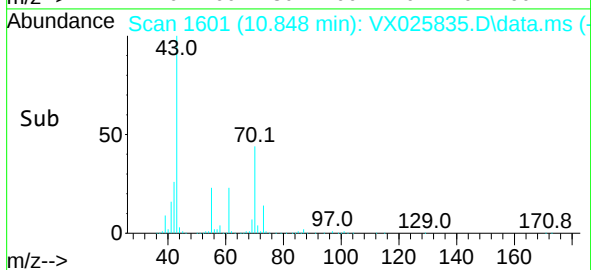
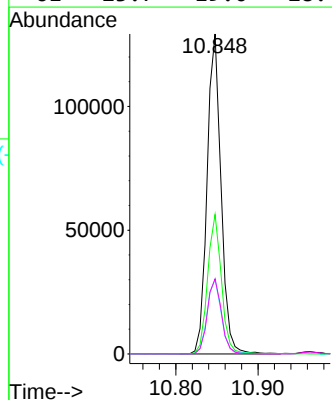
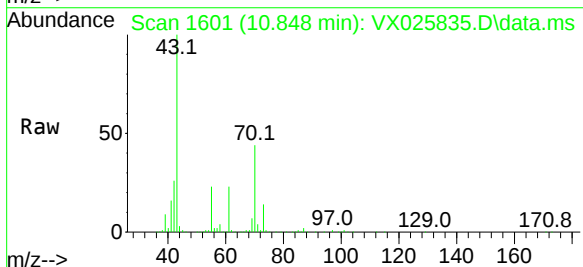
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

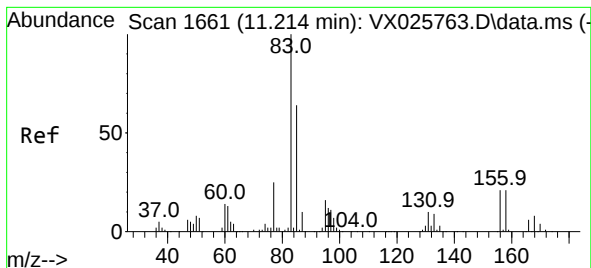
Tgt Ion:105 Resp: 369149  
Ion Ratio Lower Upper  
105 100  
120 27.2 13.6 40.7



#74  
N-ethyl acetate  
Concen: 49.738 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 43 Resp: 152349  
Ion Ratio Lower Upper  
43 100  
70 43.3 34.1 51.1  
55 24.0 19.2 28.8  
61 23.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.933 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

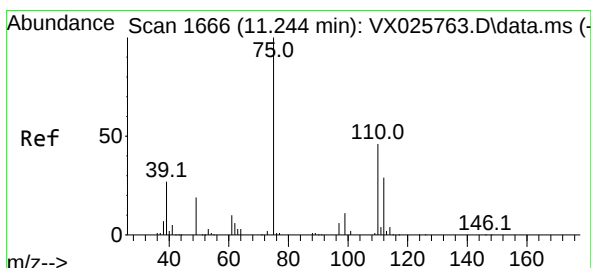
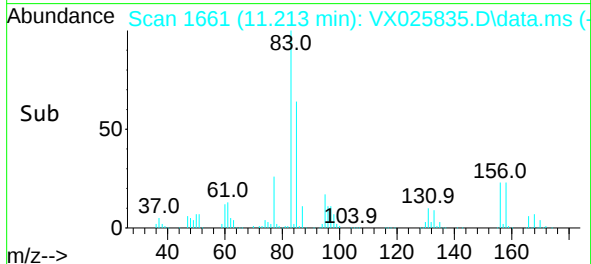
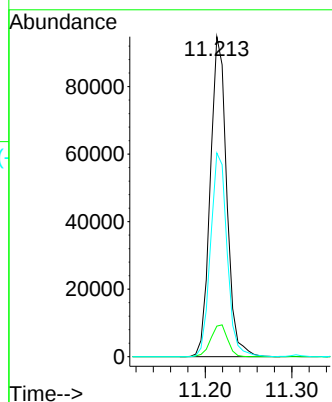
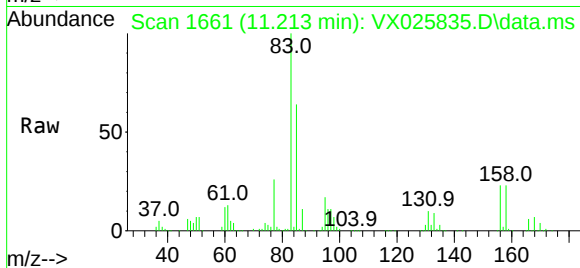
Tgt Ion: 83 Resp: 124567

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 64.2 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 52.932 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VX025835.D

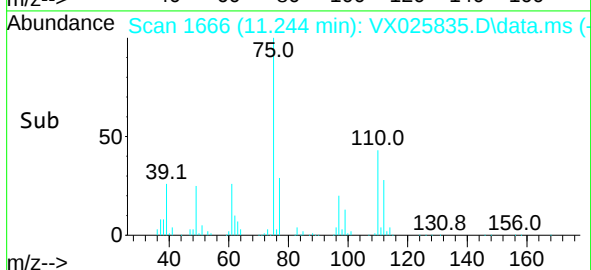
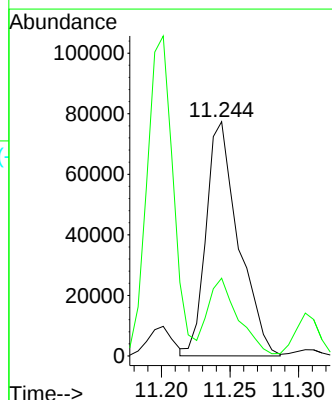
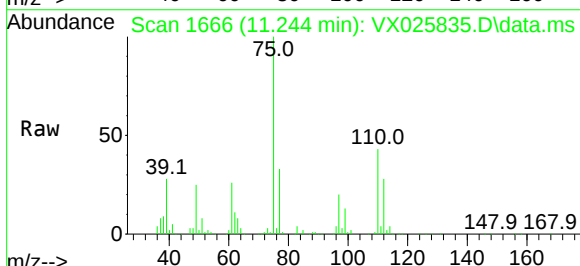
Acq: 16 Dec 2021 00:05

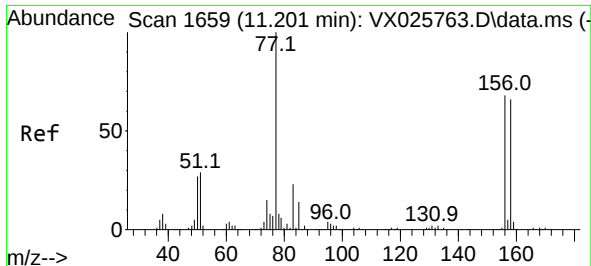
Tgt Ion: 75 Resp: 127253

Ion Ratio Lower Upper

75 100

77 31.2 19.0 57.0

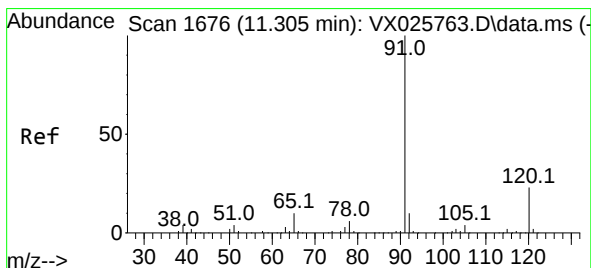
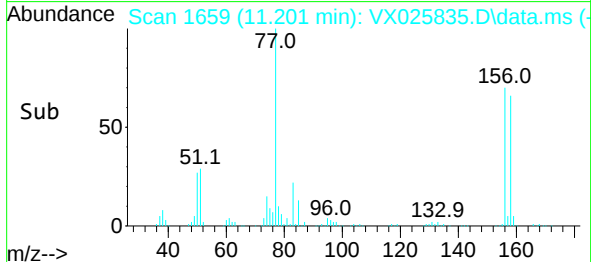
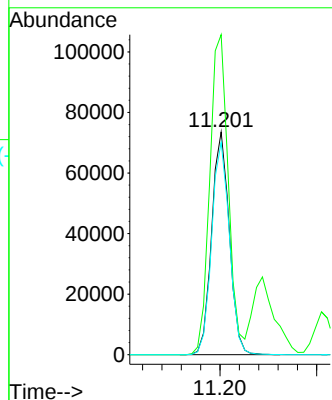
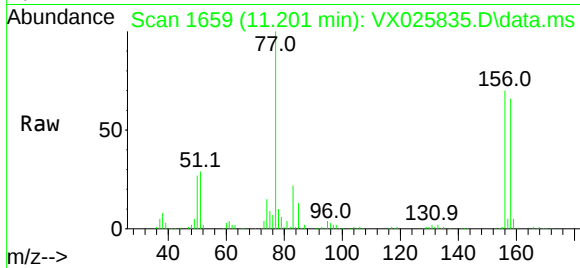




#77  
Bromobenzene  
Concen: 47.718 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

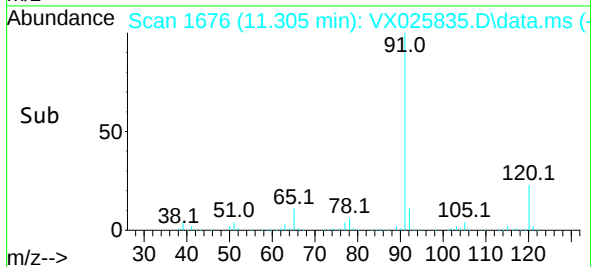
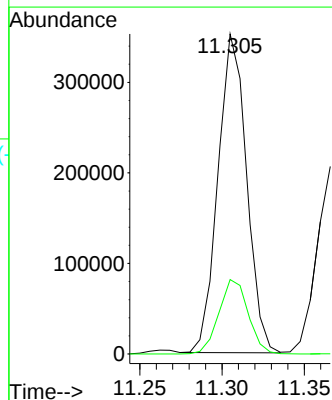
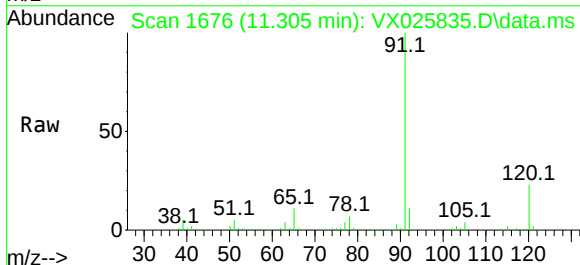
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

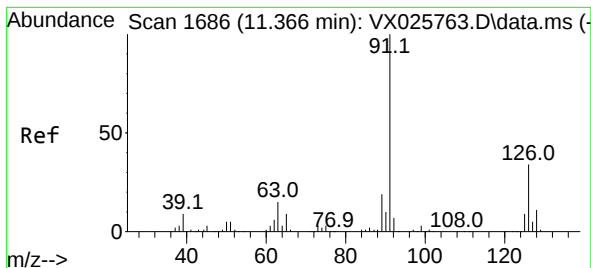
Tgt Ion:156 Resp: 93212  
Ion Ratio Lower Upper  
156 100  
77 150.9 78.2 234.6  
158 95.8 48.6 145.9



#78  
n-propylbenzene  
Concen: 49.489 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 91 Resp: 426286  
Ion Ratio Lower Upper  
91 100  
120 23.9 12.0 36.1





#79

2-Chlorotoluene

Concen: 46.412 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

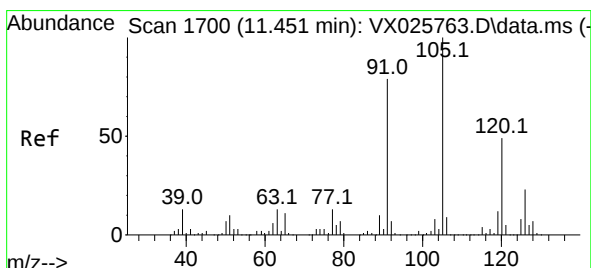
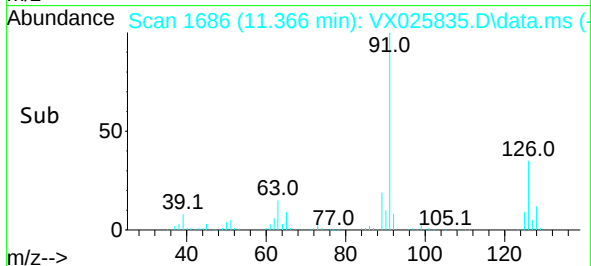
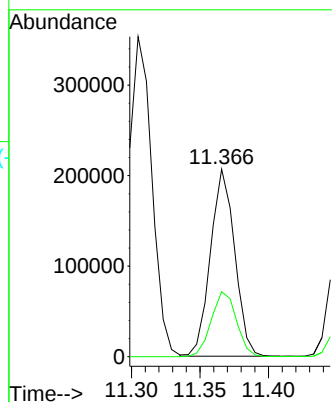
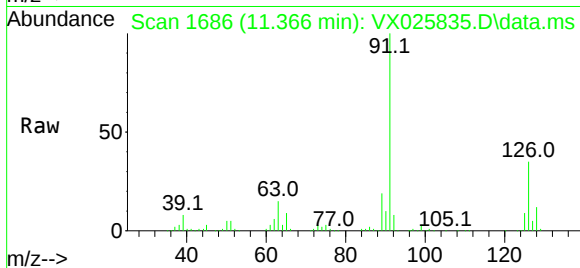
VSTDCCC050

Tgt Ion: 91 Resp: 254228

Ion Ratio Lower Upper

91 100

126 36.1 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 49.461 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX025835.D

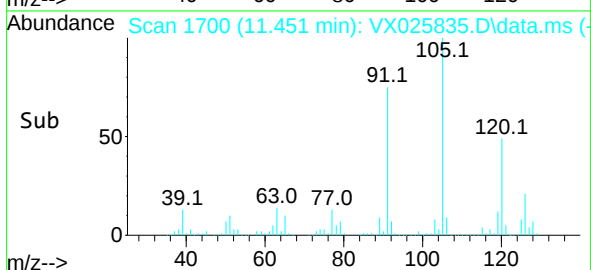
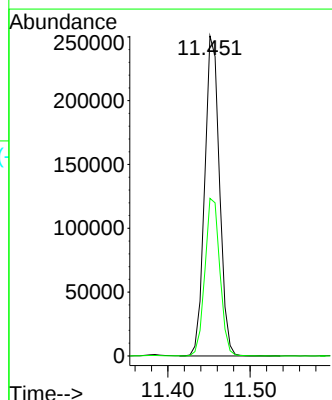
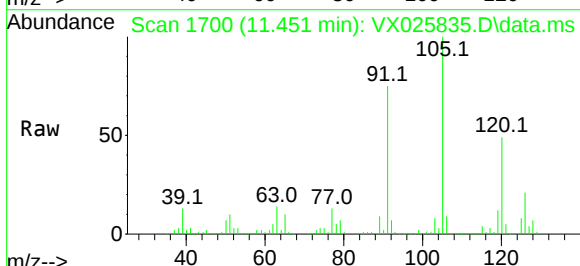
Acq: 16 Dec 2021 00:05

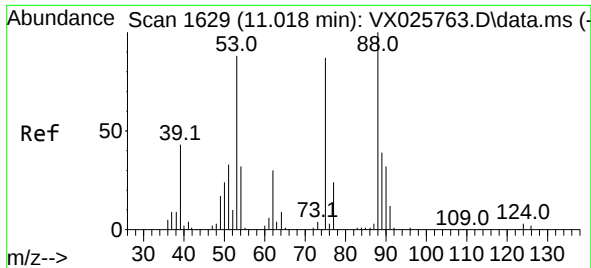
Tgt Ion:105 Resp: 312395

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.7

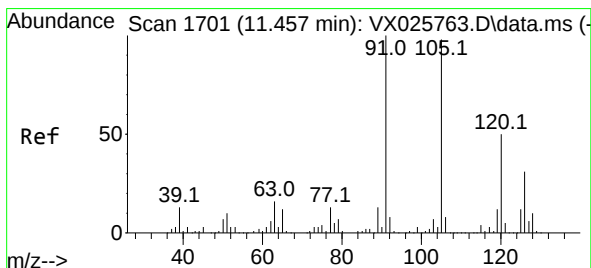
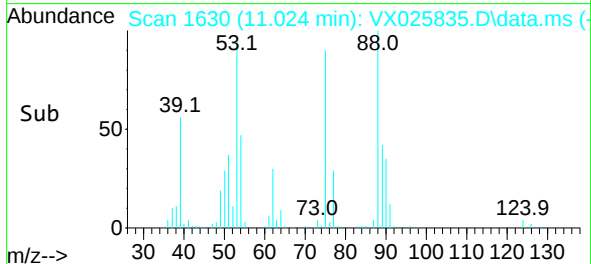
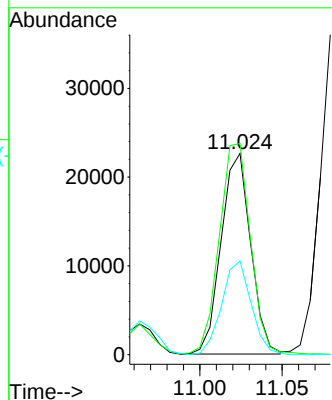
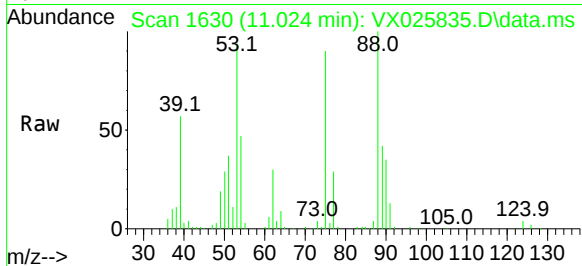




#81  
trans-1,4-Dichloro-2-butene  
Concen: 36.392 ug/l  
RT: 11.024 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

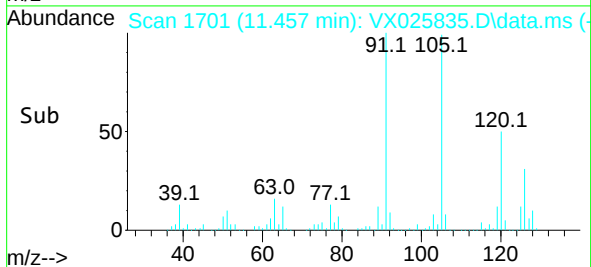
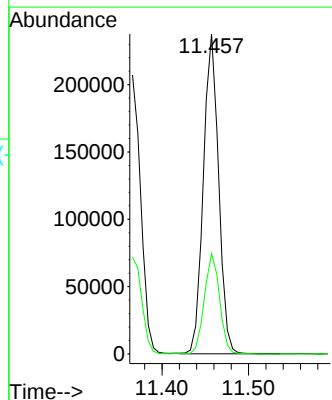
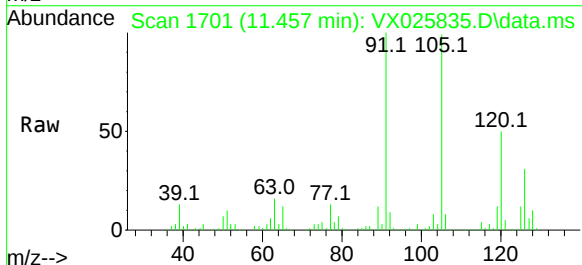
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

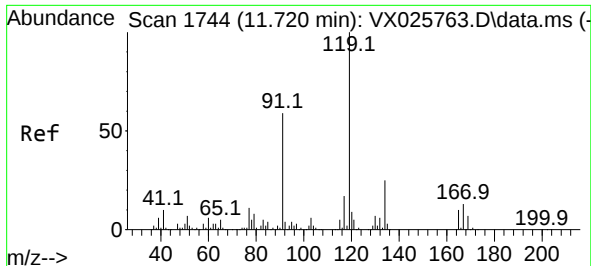
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 28220 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 112.0 | 79.5  | 119.3 |
| 89       | 46.5  | 38.3  | 57.5  |



#82  
4-Chlorotoluene  
Concen: 47.269 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 289938 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.5  | 15.6  | 46.7   |

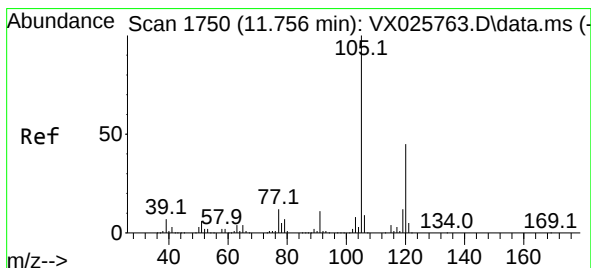
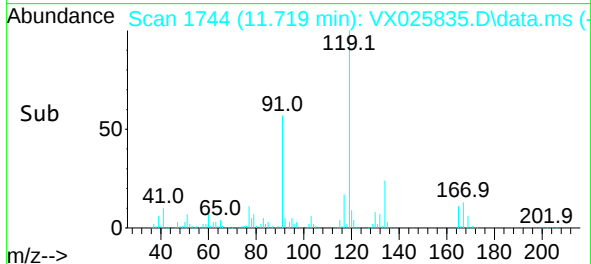
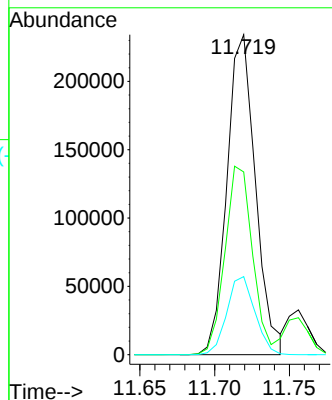
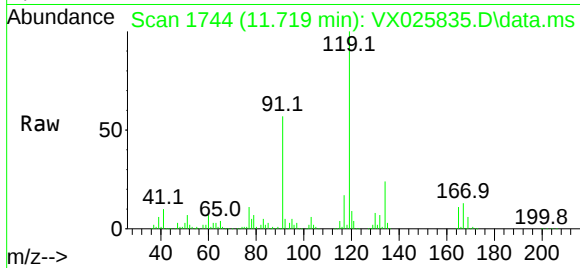




#83  
tert-Butylbenzene  
Concen: 50.325 ug/l  
RT: 11.719 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

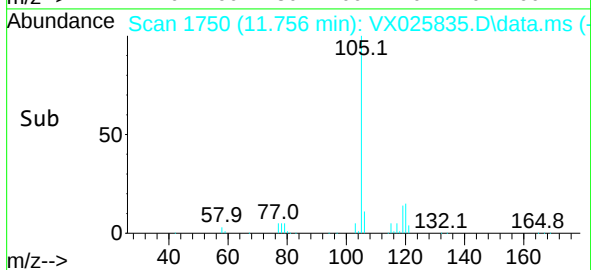
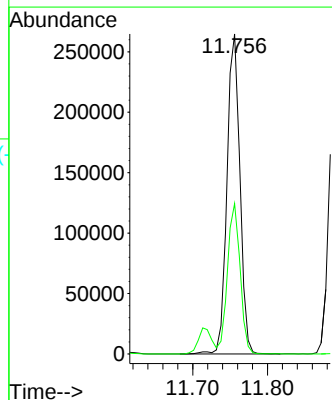
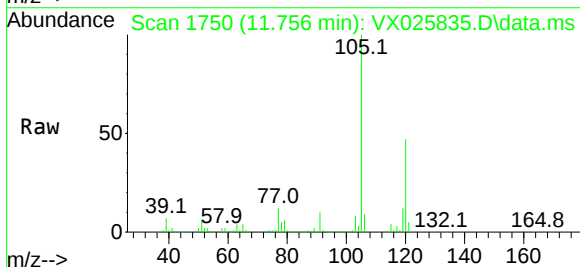
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

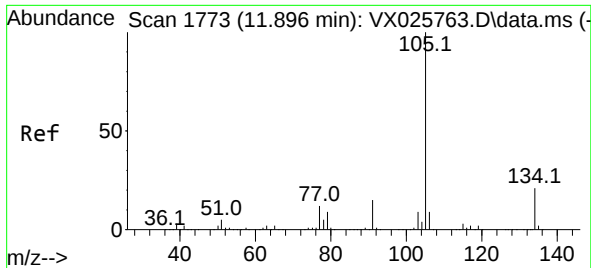
Tgt Ion:119 Resp: 311551  
Ion Ratio Lower Upper  
119 100  
91 56.9 28.7 86.1  
134 23.9 11.9 35.9



#84  
1,2,4-Trimethylbenzene  
Concen: 50.333 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion:105 Resp: 317573  
Ion Ratio Lower Upper  
105 100  
120 46.1 22.9 68.7

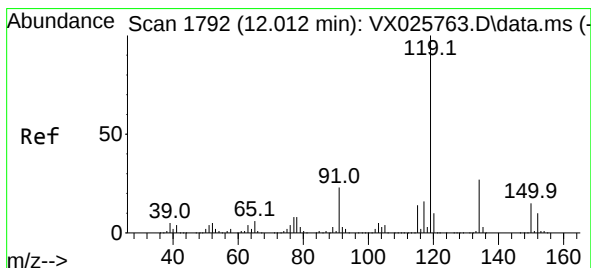
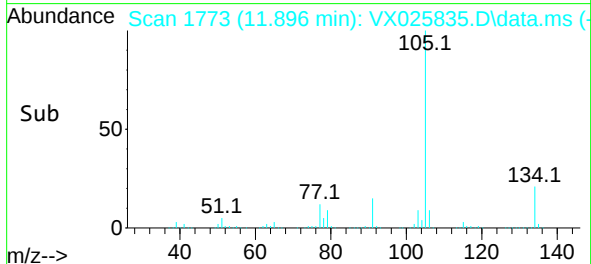
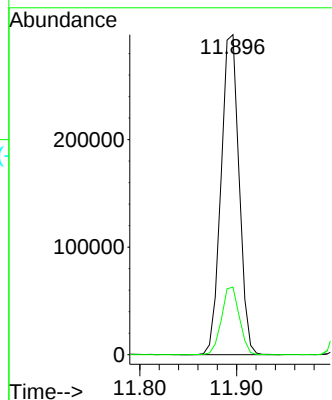
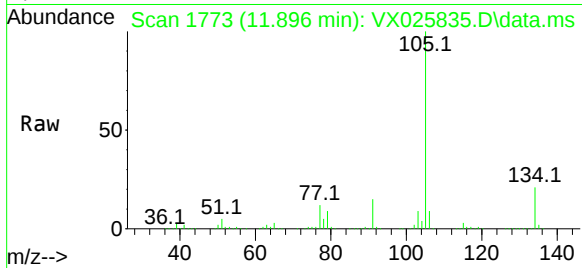




#85  
 sec-Butylbenzene  
 Concen: 51.670 ug/l  
 RT: 11.896 min Scan# 1177  
 Delta R.T. -0.000 min  
 Lab File: VX025835.D  
 Acq: 16 Dec 2021 00:05

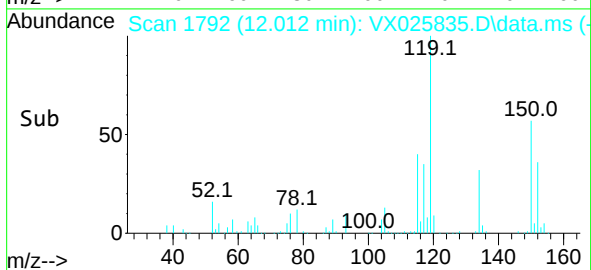
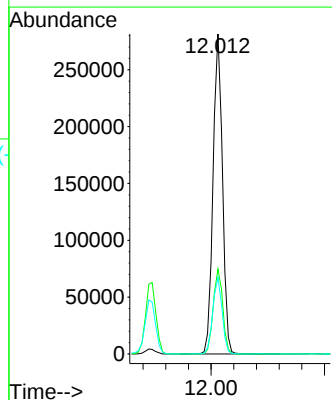
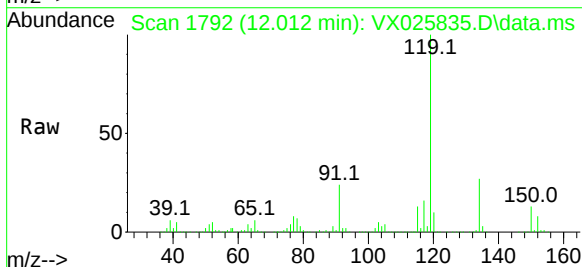
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

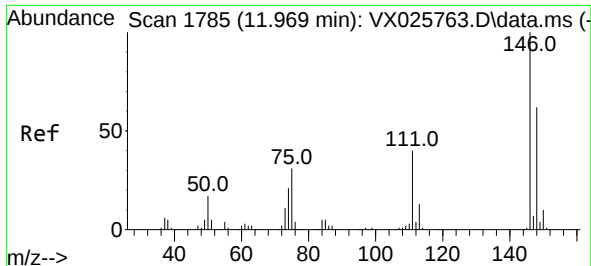
Tgt Ion:105 Resp: 384484  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 51.812 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX025835.D  
 Acq: 16 Dec 2021 00:05

Tgt Ion:119 Resp: 323784  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 13.2 39.6  
 91 23.8 11.9 35.9

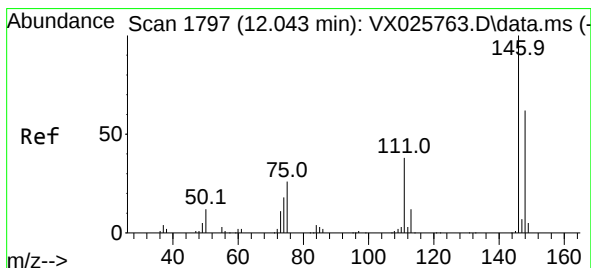
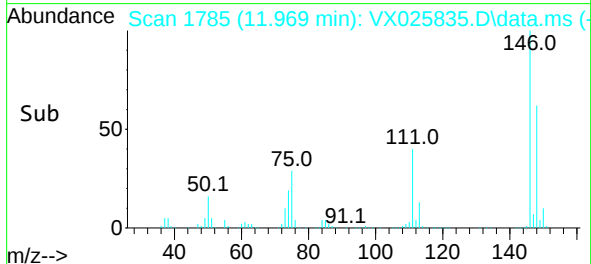
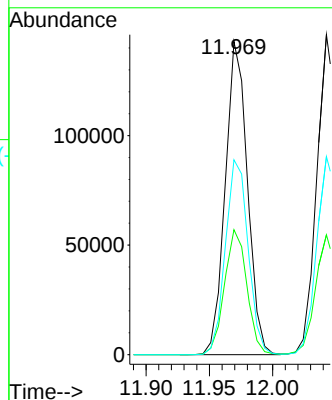
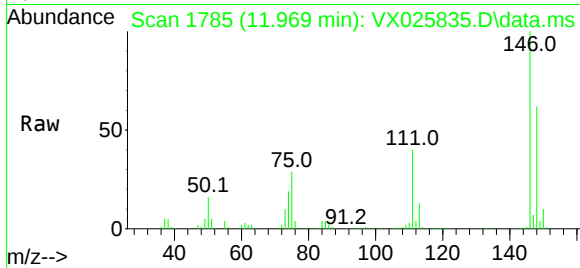




#87  
1,3-Dichlorobenzene  
Concen: 47.822 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

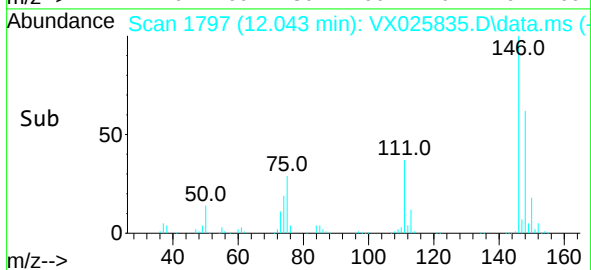
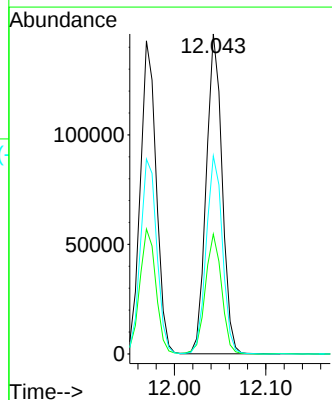
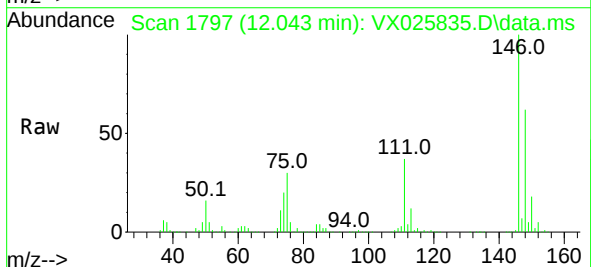
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

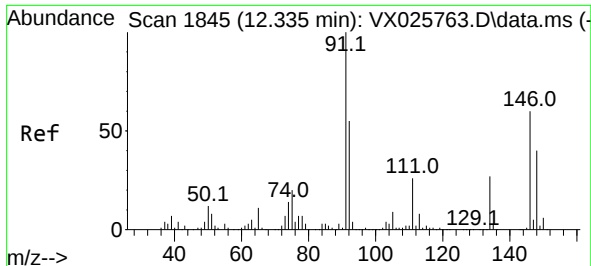
Tgt Ion:146 Resp: 174053  
Ion Ratio Lower Upper  
146 100  
111 40.4 19.9 59.6  
148 63.9 31.9 95.5



#88  
1,4-Dichlorobenzene  
Concen: 47.188 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion:146 Resp: 175346  
Ion Ratio Lower Upper  
146 100  
111 38.5 19.9 59.7  
148 63.4 31.9 95.7





#89

n-Butylbenzene

Concen: 51.185 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

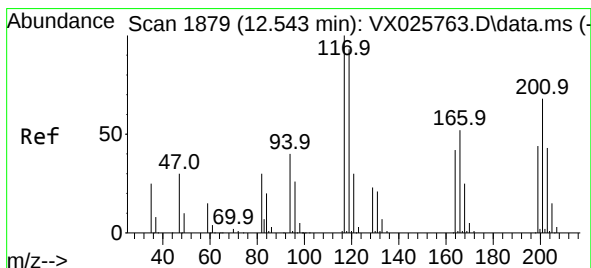
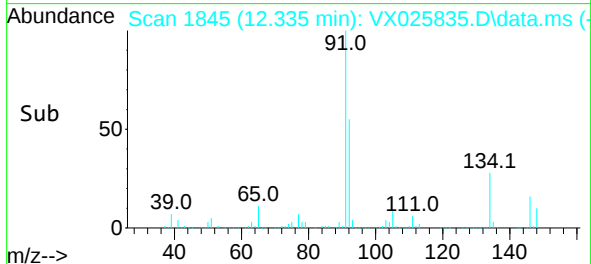
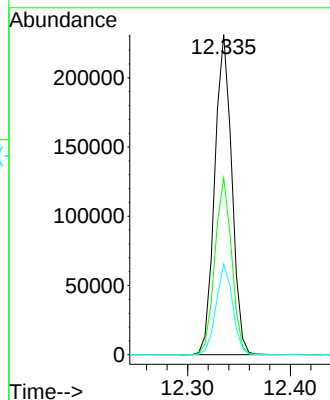
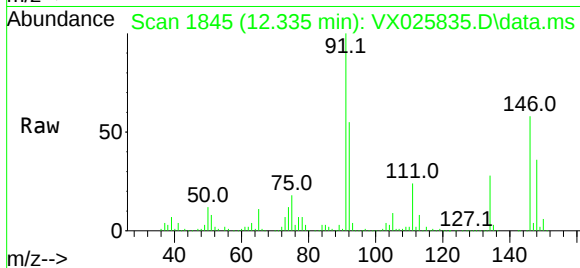
Tgt Ion: 91 Resp: 266817

Ion Ratio Lower Upper

91 100

92 54.2 27.3 81.8

134 27.4 13.5 40.4



#90

Hexachloroethane

Concen: 40.172 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VX025835.D

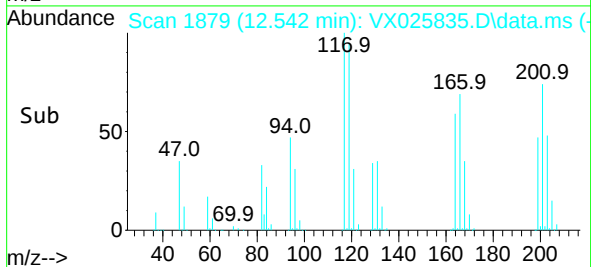
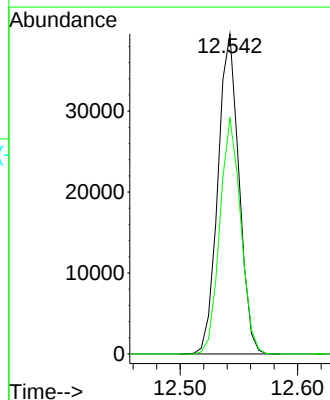
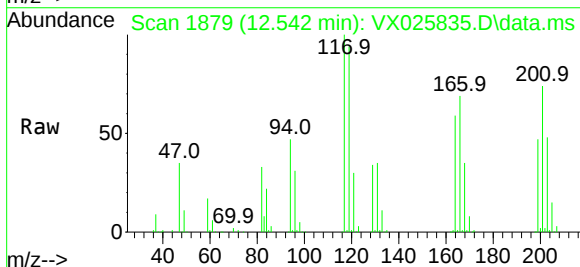
Acq: 16 Dec 2021 00:05

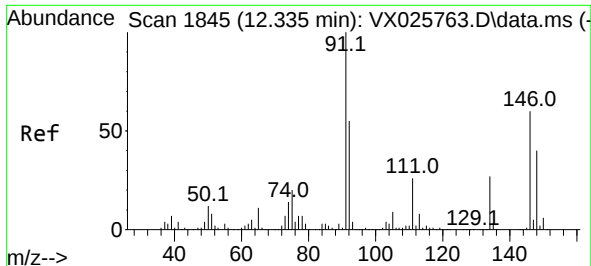
Tgt Ion: 117 Resp: 49338

Ion Ratio Lower Upper

117 100

201 73.2 35.4 106.3

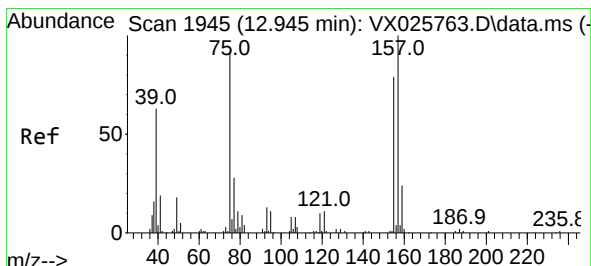
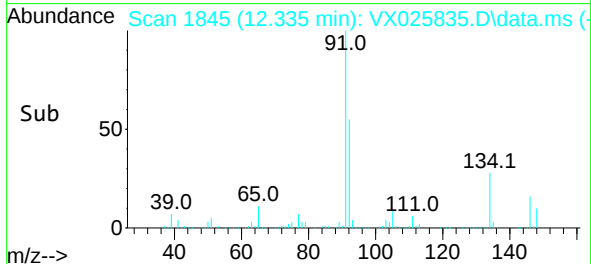
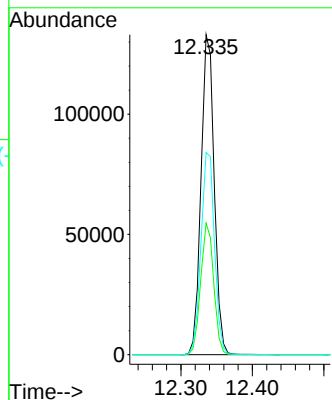
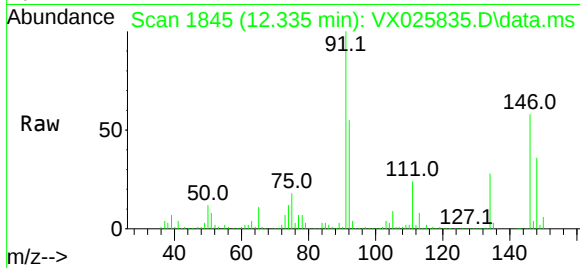




#91  
1,2-Dichlorobenzene  
Concen: 48.991 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

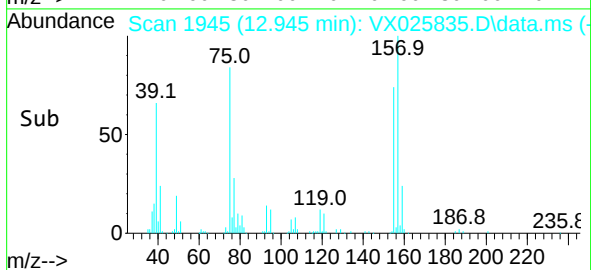
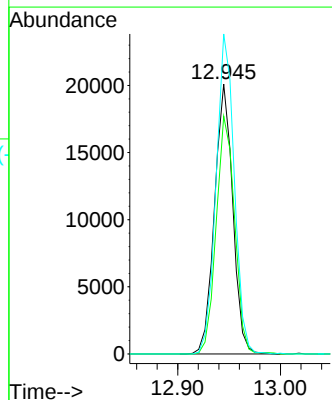
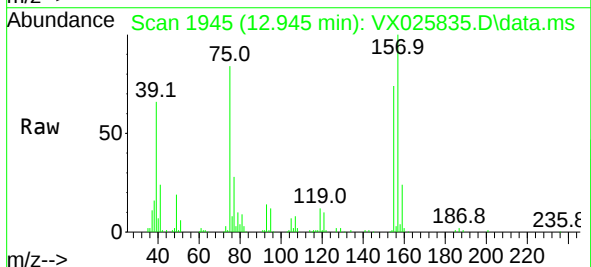
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

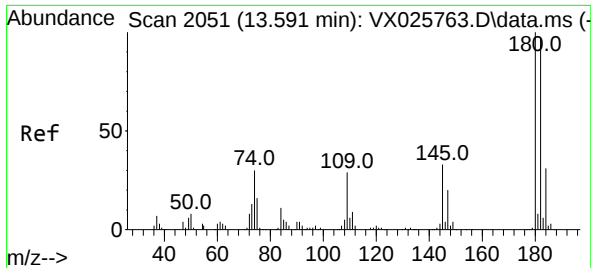
Tgt Ion:146 Resp: 170280  
Ion Ratio Lower Upper  
146 100  
111 40.5 20.6 61.9  
148 64.9 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 41.518 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX025835.D  
Acq: 16 Dec 2021 00:05

Tgt Ion: 75 Resp: 24763  
Ion Ratio Lower Upper  
75 100  
155 88.8 44.0 131.8  
157 118.3 55.5 166.5

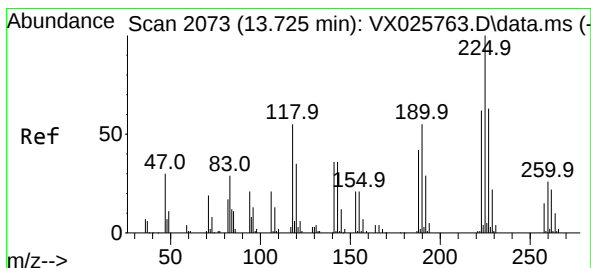
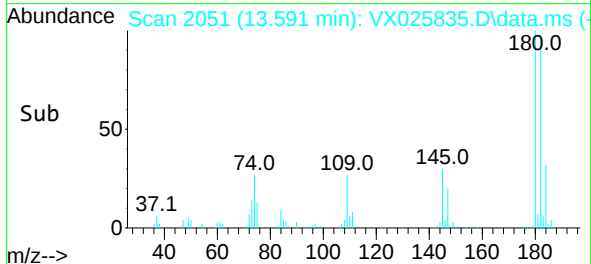
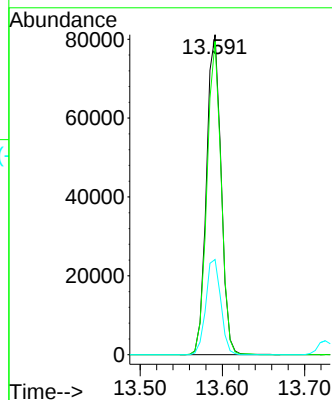
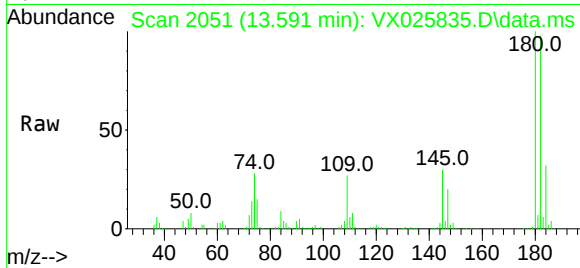




#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.881 ug/l  
 RT: 13.591 min Scan# 2051  
 Delta R.T. 0.000 min  
 Lab File: VX025835.D  
 Acq: 16 Dec 2021 00:05

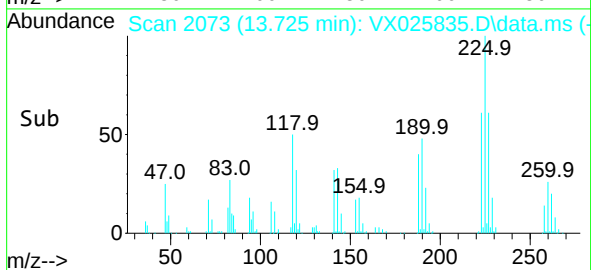
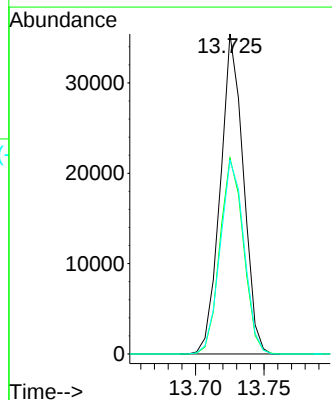
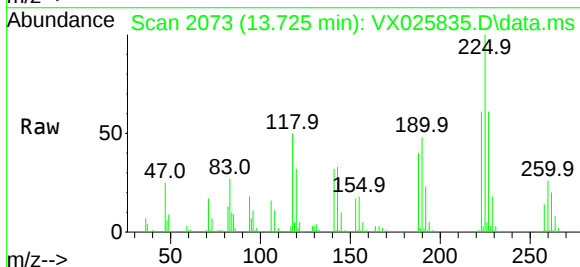
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

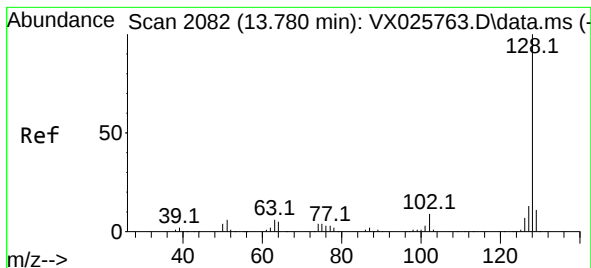
Tgt Ion:180 Resp: 99962  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 47.2 141.6  
 145 30.5 16.3 48.9



#94  
 Hexachlorobutadiene  
 Concen: 55.839 ug/l  
 RT: 13.725 min Scan# 2073  
 Delta R.T. 0.000 min  
 Lab File: VX025835.D  
 Acq: 16 Dec 2021 00:05

Tgt Ion:225 Resp: 41284  
 Ion Ratio Lower Upper  
 225 100  
 223 62.5 31.6 95.0  
 227 62.8 32.5 97.5





#95

Naphthalene

Concen: 47.970 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

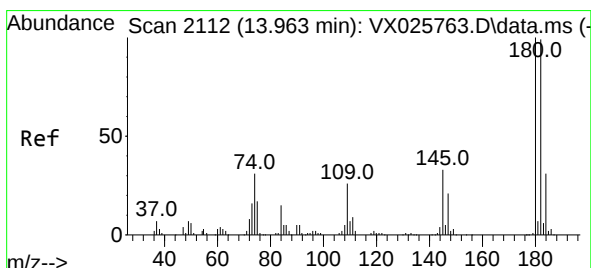
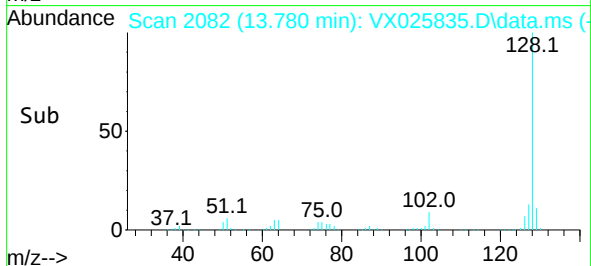
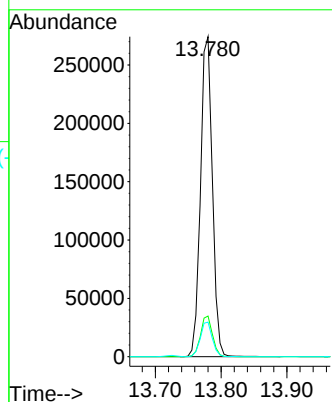
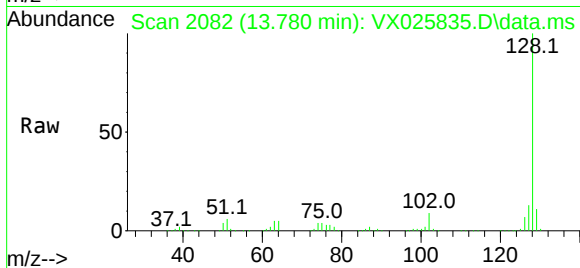
Tgt Ion:128 Resp: 343084

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.649 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX025835.D

Acq: 16 Dec 2021 00:05

Tgt Ion:180 Resp: 100688

Ion Ratio Lower Upper

180 100

182 96.1 47.5 142.6

145 34.2 16.7 50.1

