

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082522\  
 Data File : VX030764.D  
 Acq On : 25 Aug 2022 10:43  
 Operator : JC/MD  
 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC010

Quant Time: Aug 26 01:46:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X082522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 26 01:44:32 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 267088   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 449524   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 403403   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 202509   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.964  | 65    | 31772    | 10.104   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 20.200%# |
| 35) Dibromofluoromethane     | 5.391  | 113   | 27297    | 9.729    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 19.460%# |
| 50) Toluene-d8               | 8.653  | 98    | 92374    | 8.913    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 17.820%# |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 35115    | 9.606    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 19.220%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 25142    | 9.435    | ug/l   | 100      |
| 3) Chloromethane             | 1.288  | 50    | 22825    | 8.833    | ug/l   | 94       |
| 4) Vinyl Chloride            | 1.374  | 62    | 25586    | 8.773    | ug/l   | 95       |
| 5) Bromomethane              | 1.611  | 94    | 13238    | 10.376   | ug/l   | 99       |
| 6) Chloroethane              | 1.685  | 64    | 15633    | 9.431    | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 40244    | 10.406   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136  | 74    | 15859    | 9.979    | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 25324    | 9.608    | ug/l   | 96       |
| 10) Methyl Iodide            | 2.453  | 142   | 15544    | 7.506    | ug/l   | 95       |
| 11) Tert butyl alcohol       | 2.983  | 59    | 41346    | 52.110   | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 23156    | 8.977    | ug/l   | 92       |
| 13) Acrolein                 | 2.239  | 56    | 32893    | 132.046  | ug/l   | 98       |
| 14) Allyl chloride           | 2.660  | 41    | 44319    | 9.703    | ug/l   | 97       |
| 15) Acrylonitrile            | 3.068  | 53    | 87417    | 47.856   | ug/l   | 99       |
| 16) Acetone                  | 2.392  | 43    | 74829    | 50.130   | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.514  | 76    | 48493    | 7.793    | ug/l   | 98       |
| 18) Methyl Acetate           | 2.709  | 43    | 45930    | 10.070   | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 84264    | 10.062   | ug/l   | 94       |
| 20) Methylene Chloride       | 2.794  | 84    | 29257    | 8.586    | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 24327    | 9.014    | ug/l   | 95       |
| 22) Diisopropyl ether        | 3.770  | 45    | 90770    | 10.034   | ug/l # | 85       |
| 23) Vinyl Acetate            | 3.727  | 43    | 359603   | 47.668   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 51356    | 10.244   | ug/l   | 99       |
| 25) 2-Butanone               | 4.562  | 43    | 120293   | 47.939   | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.483  | 77    | 36601    | 10.255   | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 31415    | 9.430    | ug/l   | 98       |
| 28) Bromochloromethane       | 4.903  | 49    | 23582    | 11.117   | ug/l   | 97       |
| 29) Tetrahydrofuran          | 5.019  | 42    | 77959    | 46.129   | ug/l   | 99       |
| 30) Chloroform               | 5.105  | 83    | 53766    | 10.696   | ug/l   | 99       |
| 31) Cyclohexane              | 5.470  | 56    | 39069    | 8.811    | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.391  | 97    | 43614    | 10.581   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.702  | 75    | 35107    | 9.696    | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.721  | 43    | 43534    | 9.454    | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 37416    | 10.845   | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.385  | 83    | 41767    | 9.246    | ug/l   | 93       |
| 40) Benzene                  | 6.043  | 78    | 107187   | 9.496    | ug/l   | 94       |

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 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC010

Quant Time: Aug 26 01:46:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X082522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 26 01:44:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 24709    | 9.901   | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 38763    | 10.795  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 66971    | 9.627   | ug/l   | 100      |
| 44) Trichloroethene           | 7.129  | 130  | 30778    | 9.254   | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 31140    | 10.432  | ug/l   | 97       |
| 46) Dibromomethane            | 7.586  | 93   | 21649    | 10.544  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.824  | 83   | 41158    | 10.864  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.696  | 41   | 33733    | 10.446  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.683  | 88   | 17288    | 208.210 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 230643   | 49.969  | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 69633    | 9.672   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 39045    | 10.073  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 43531    | 9.820   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 30575    | 10.156  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 44086    | 9.824   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 49073    | 10.281  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 129214   | 53.062  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 175335   | 49.735  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.525  | 129  | 31532    | 10.612  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 31025    | 9.944   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 29302    | 9.269   | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 74802    | 9.559   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 29006    | 10.647  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 131756   | 9.929   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 100026   | 19.254  | ug/l   | 100      |
| 69) o-Xylene                  | 10.646 | 106  | 49117    | 9.448   | ug/l   | 94       |
| 70) Styrene                   | 10.659 | 104  | 83471    | 9.611   | ug/l   | 99       |
| 71) Bromoform                 | 10.805 | 173  | 23614    | 10.729  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 130404   | 9.542   | ug/l   | 98       |
| 74) N-amyl acetate            | 10.848 | 43   | 51141    | 8.665   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 46531    | 9.458   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 53123    | 11.509  | ug/l   | 87       |
| 77) Bromobenzene              | 11.201 | 156  | 31888    | 9.325   | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 150601   | 9.318   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 91407    | 9.410   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 116359   | 10.086  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 13257    | 8.627   | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 103264   | 9.457   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 105820   | 9.494   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 108831   | 9.551   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 141111   | 9.620   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 111226   | 9.441   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.975 | 146  | 60967    | 9.518   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 62050    | 9.457   | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.335 | 91   | 103211   | 9.702   | ug/l   | 97       |
| 90) Hexachloroethane          | 12.542 | 117  | 22191    | 10.804  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 64024    | 9.794   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 11949    | 10.457  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 38752    | 9.585   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 17403    | 10.689  | ug/l   | 97       |
| 95) Naphthalene               | 13.780 | 128  | 148328   | 9.368   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 43350    | 10.457  | ug/l   | 97       |

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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010

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Quant Title : SW846 8260  
QLast Update : Fri Aug 26 01:44:32 2022  
Response via : Initial Calibration

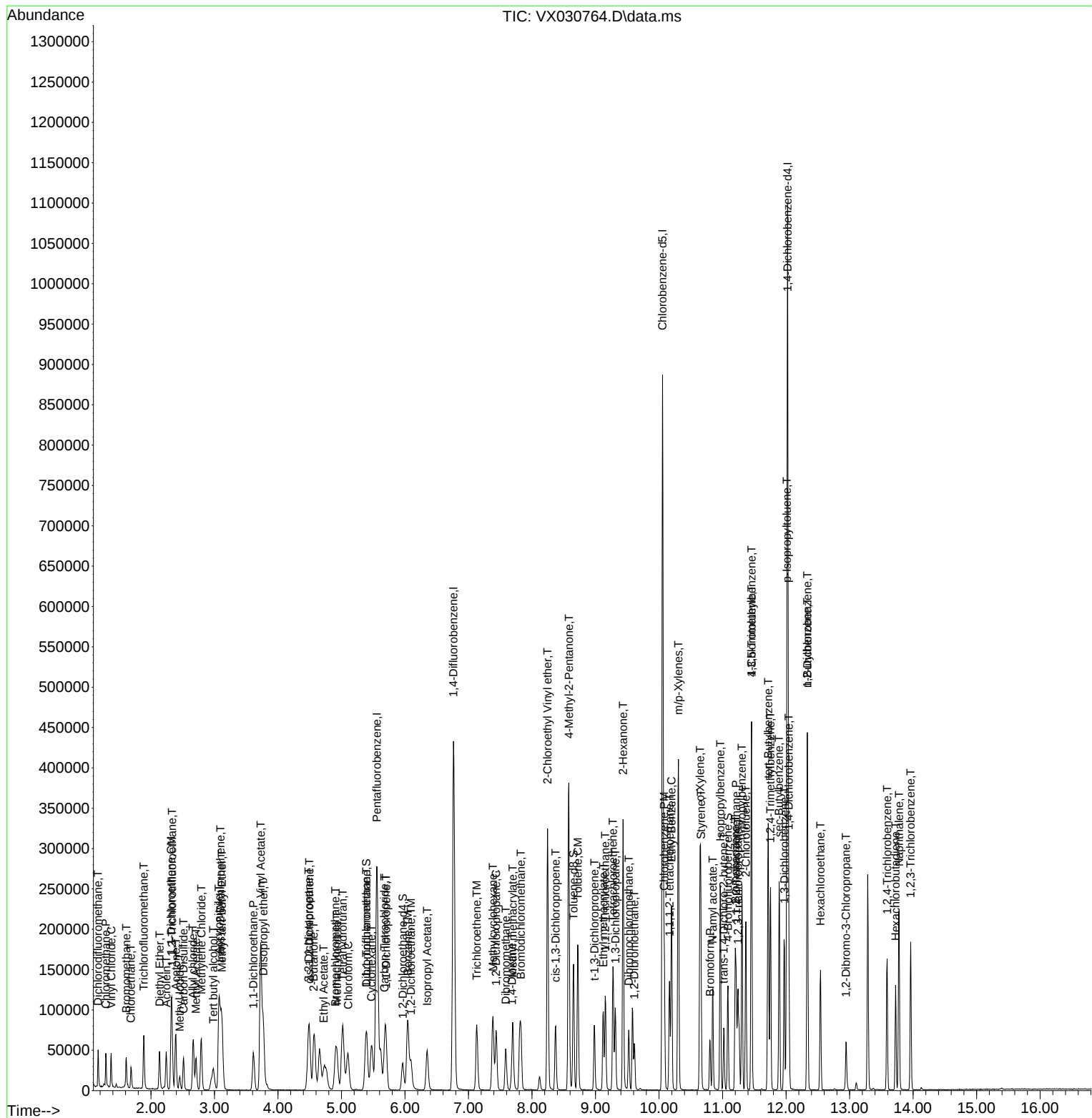
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

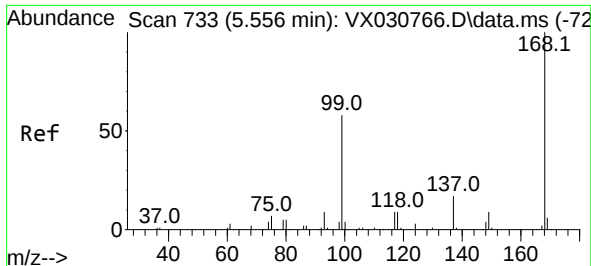
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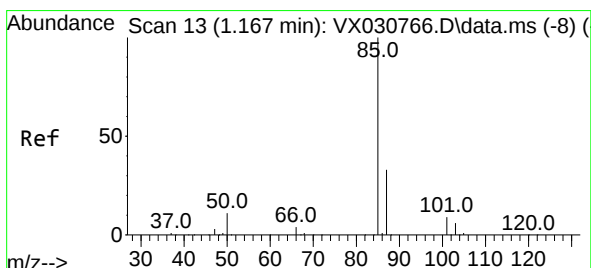
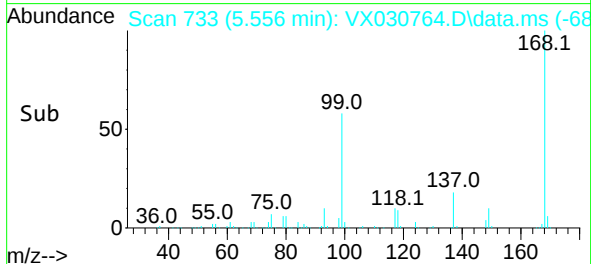
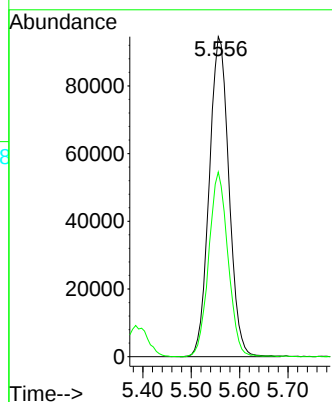
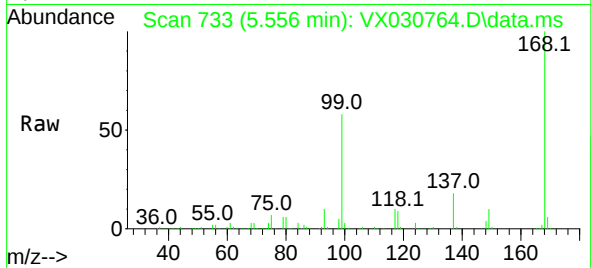




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

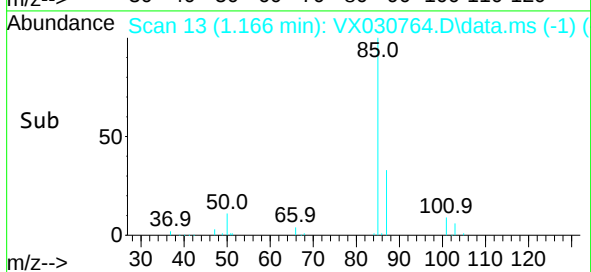
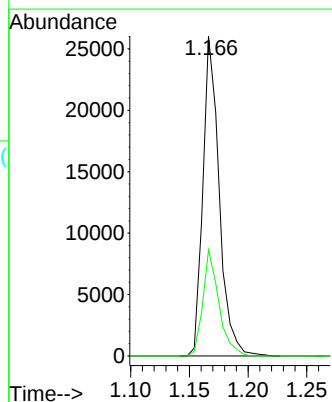
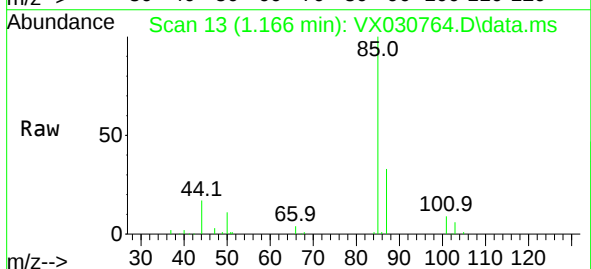
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

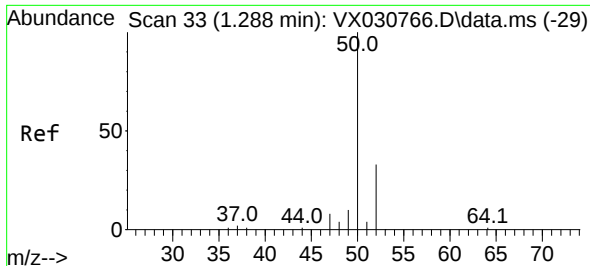
Tgt Ion:168 Resp: 267088  
Ion Ratio Lower Upper  
168 100  
99 57.7 44.0 66.0



#2  
Dichlorodifluoromethane  
Concen: 9.435 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 85 Resp: 25142  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.5 49.5

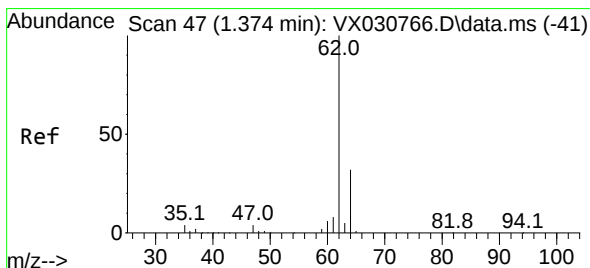
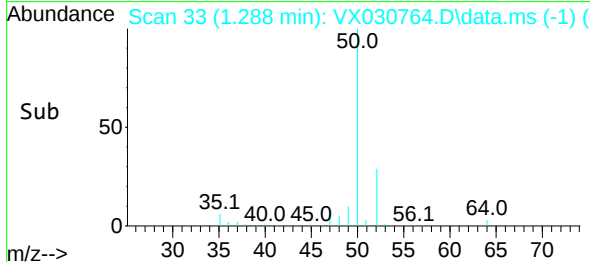
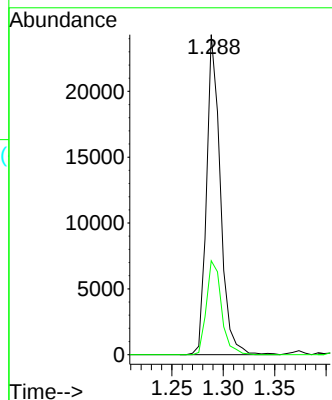
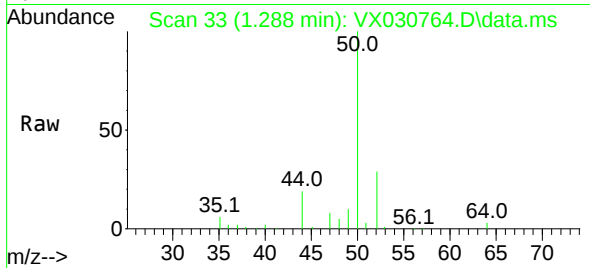




#3  
Chloromethane  
Concen: 8.833 ug/l  
RT: 1.288 min Scan# 33  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

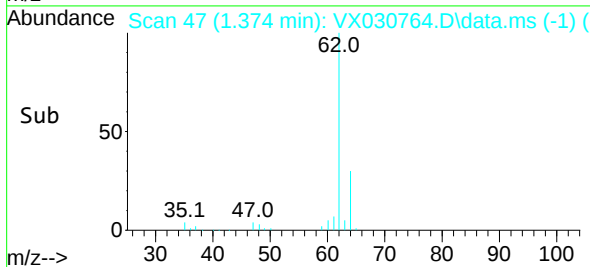
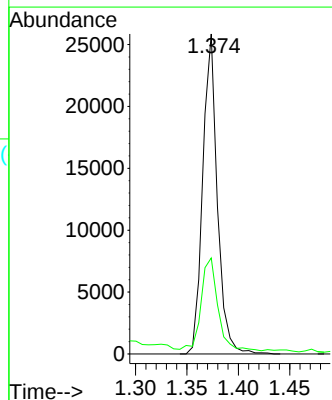
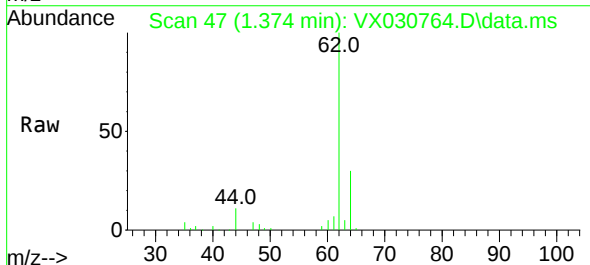
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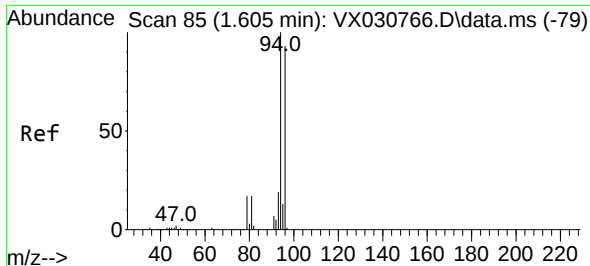
Tgt Ion: 50 Resp: 22825  
Ion Ratio Lower Upper  
50 100  
52 29.3 26.3 39.5



#4  
Vinyl Chloride  
Concen: 8.773 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 62 Resp: 25586  
Ion Ratio Lower Upper  
62 100  
64 28.8 25.2 37.8

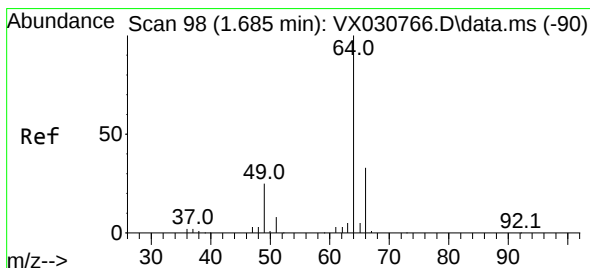
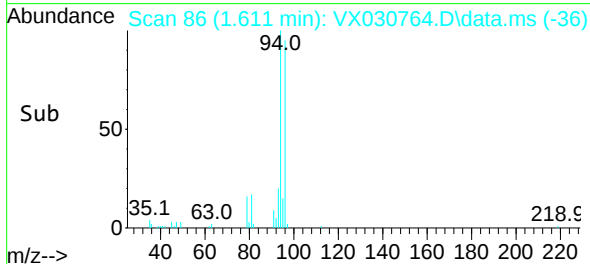
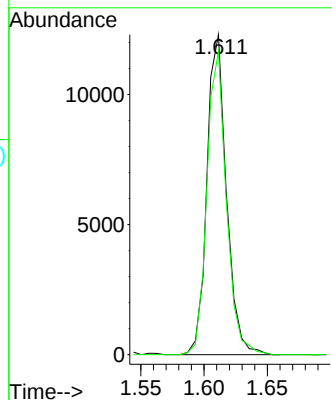
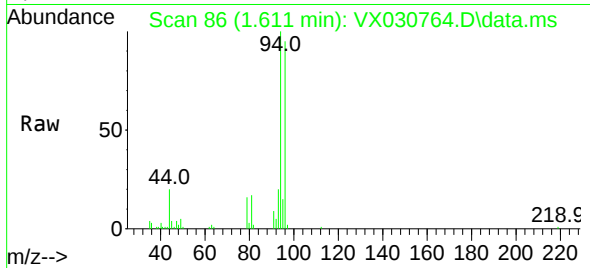




#5  
Bromomethane  
Concen: 10.376 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

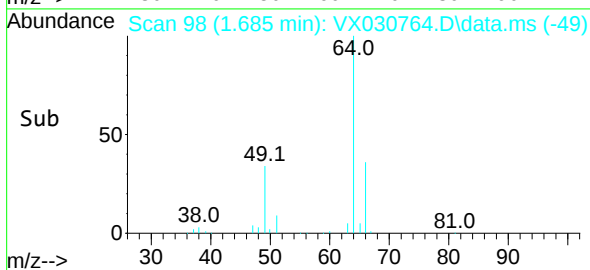
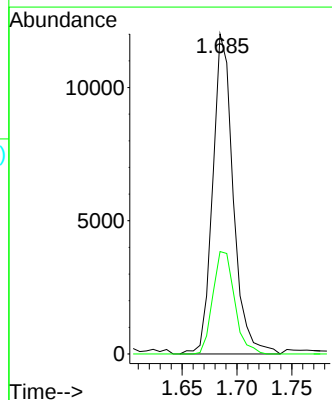
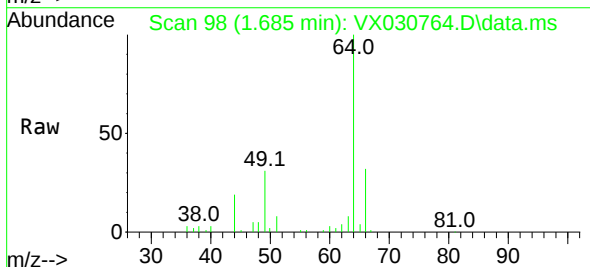
Instrument :  
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ClientSampleId :  
VSTDIC010

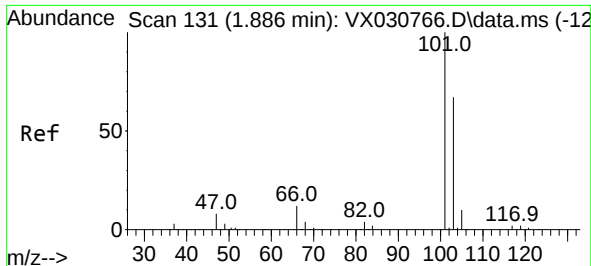
Tgt Ion: 94 Resp: 13238  
Ion Ratio Lower Upper  
94 100  
96 94.8 76.9 115.3



#6  
Chloroethane  
Concen: 9.431 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 64 Resp: 15633  
Ion Ratio Lower Upper  
64 100  
66 32.0 27.2 40.8

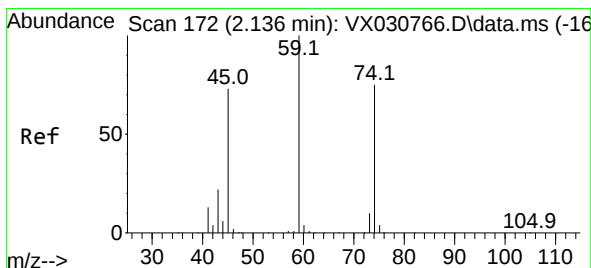
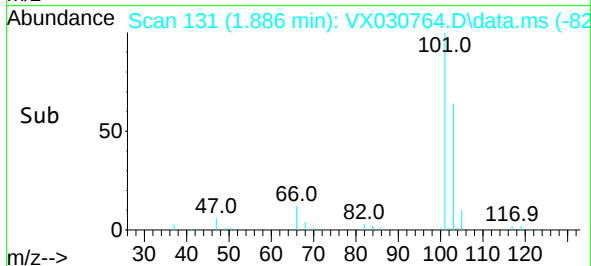
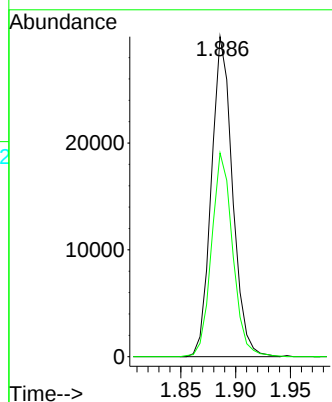
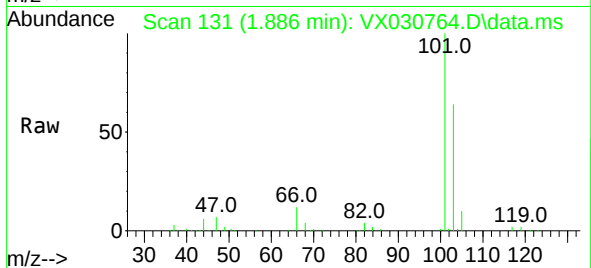




#7  
 Trichlorofluoromethane  
 Concen: 10.406 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX030764.D  
 Acq: 25 Aug 2022 10:43

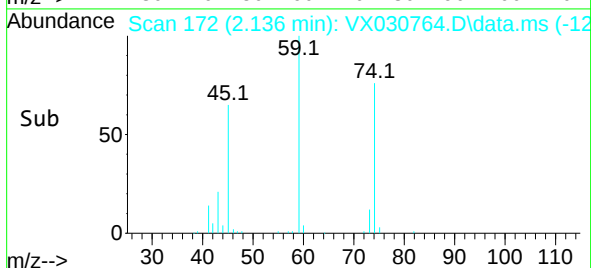
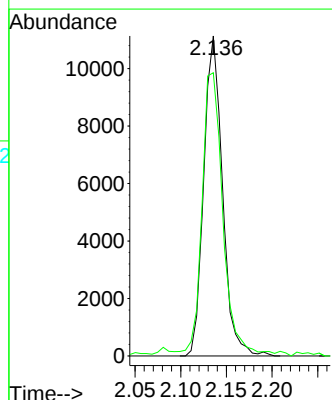
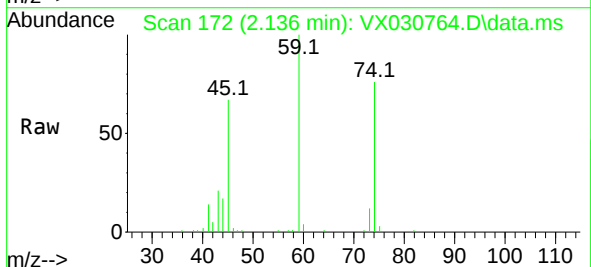
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC010

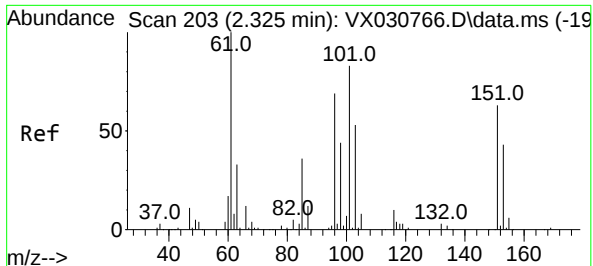
Tgt Ion:101 Resp: 40244  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 49.7 74.5



#8  
 Diethyl Ether  
 Concen: 9.979 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX030764.D  
 Acq: 25 Aug 2022 10:43

Tgt Ion: 74 Resp: 15859  
 Ion Ratio Lower Upper  
 74 100  
 45 99.6 51.5 154.7

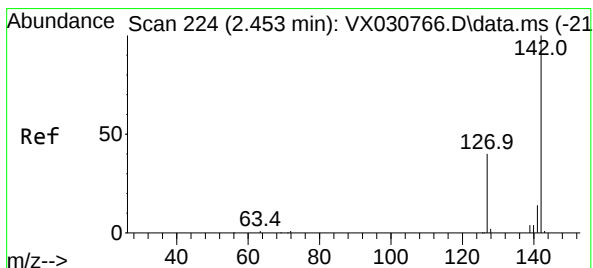
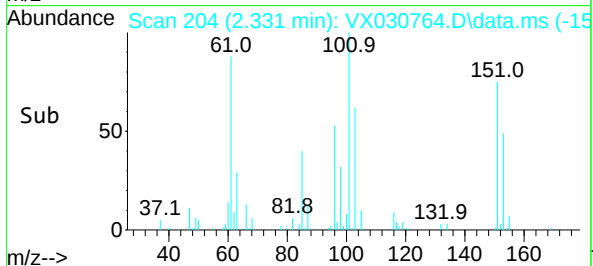
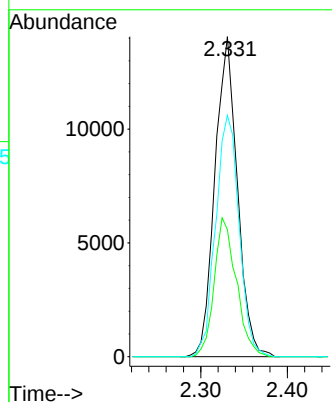
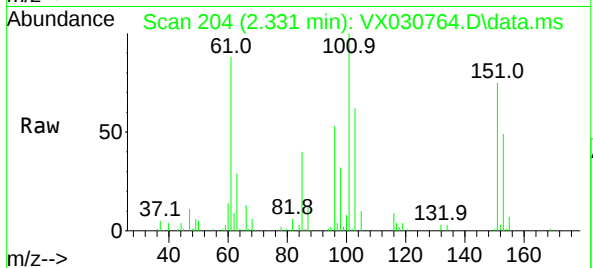




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 9.608 ug/l  
RT: 2.331 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

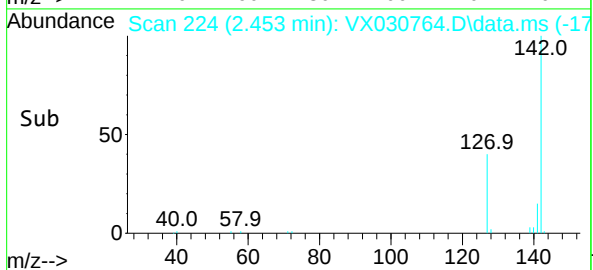
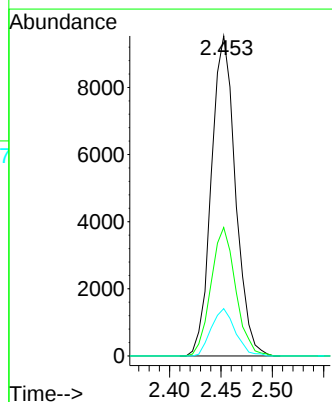
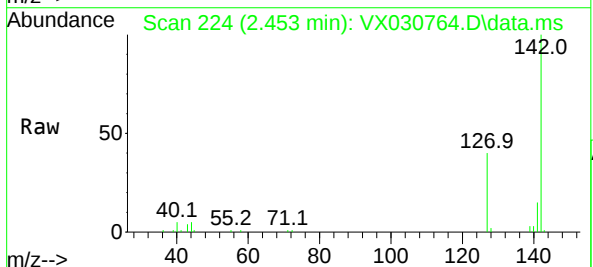
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

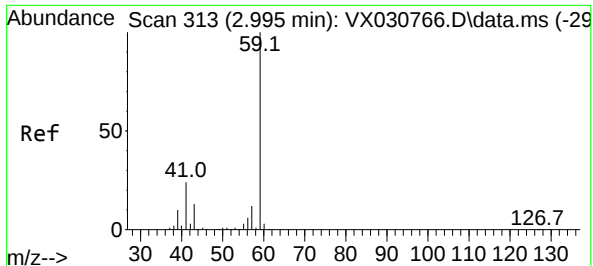
Tgt Ion:101 Resp: 25324  
Ion Ratio Lower Upper  
101 100  
85 42.8 34.0 51.0  
151 78.9 59.4 89.0



#10  
Methyl Iodide  
Concen: 7.506 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion:142 Resp: 15544  
Ion Ratio Lower Upper  
142 100  
127 41.2 30.2 45.2  
141 14.8 11.3 16.9

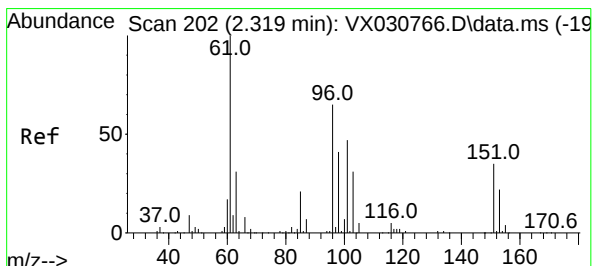
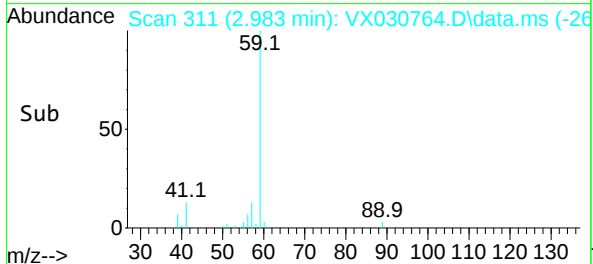
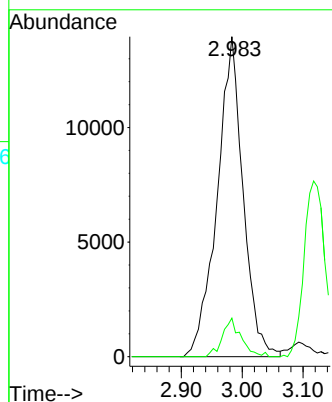
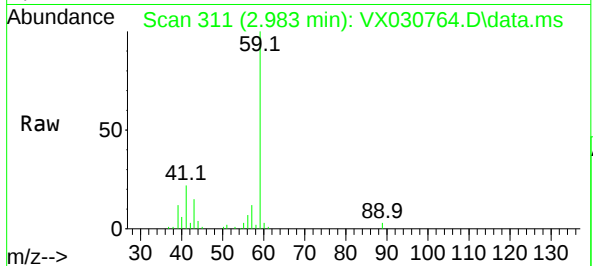




#11  
Tert butyl alcohol  
Concen: 52.110 ug/l  
RT: 2.983 min Scan# 311  
Delta R.T. -0.012 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

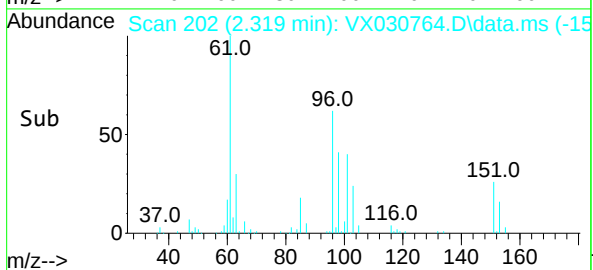
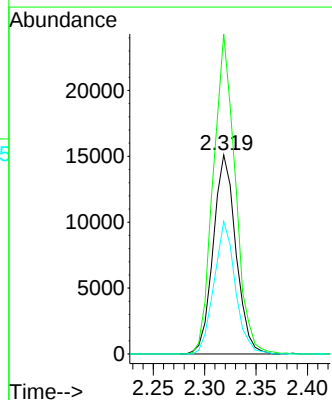
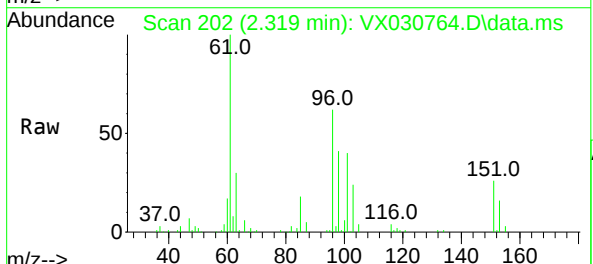
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

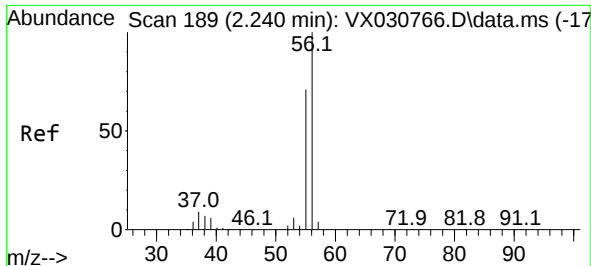
Tgt Ion: 59 Resp: 41346  
Ion Ratio Lower Upper  
59 100  
57 8.7 7.4 11.2



#12  
1,1-Dichloroethene  
Concen: 8.977 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 96 Resp: 23156  
Ion Ratio Lower Upper  
96 100  
61 160.8 117.4 176.0  
98 66.5 52.2 78.4

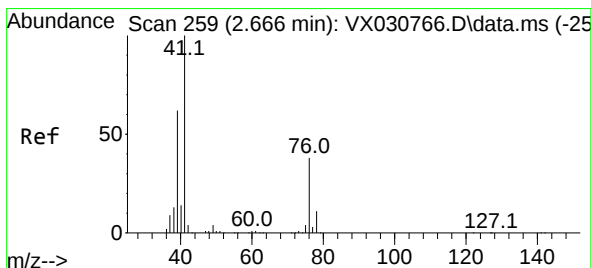
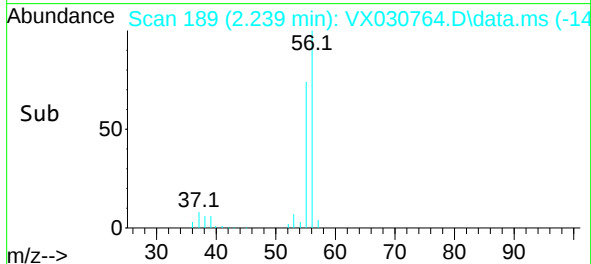
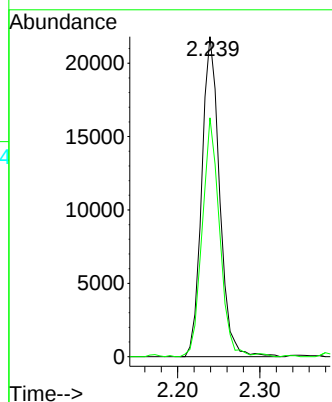
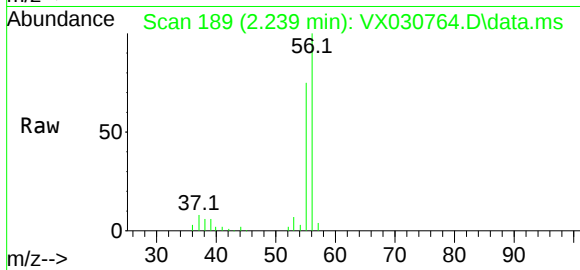




#13  
Acrolein  
Concen: 132.046 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

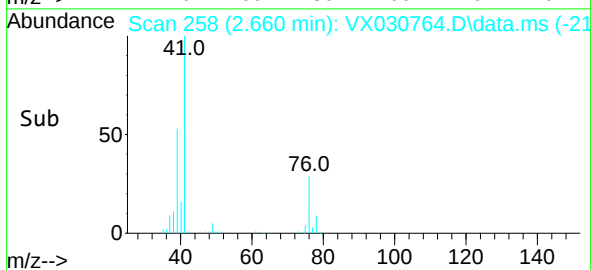
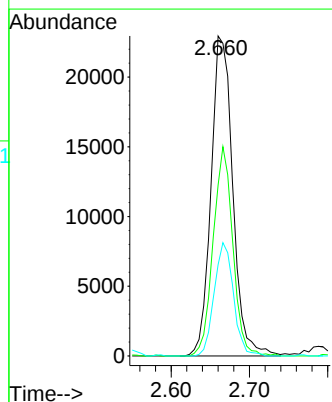
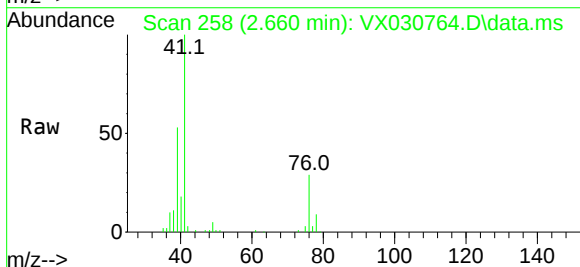
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010

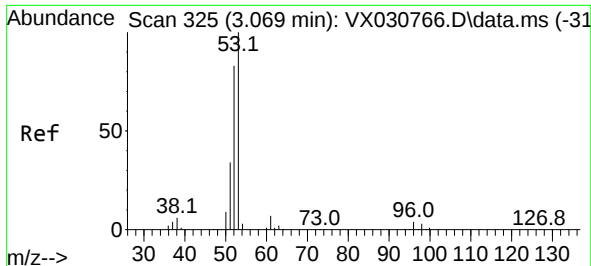
Tgt Ion: 56 Resp: 32893  
Ion Ratio Lower Upper  
56 100  
55 72.6 56.6 84.8



#14  
Allyl chloride  
Concen: 9.703 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.006 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 41 Resp: 44319  
Ion Ratio Lower Upper  
41 100  
39 59.1 48.9 73.3  
76 31.4 26.9 40.3

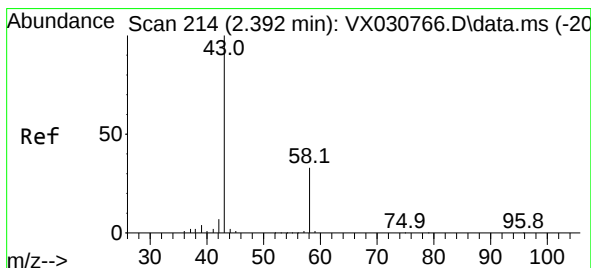
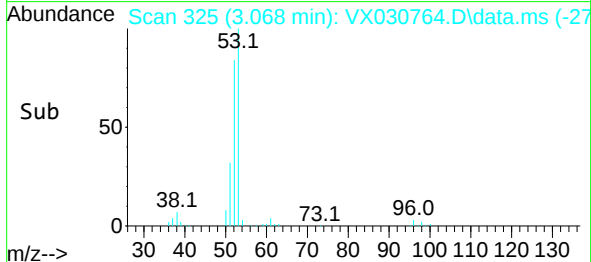
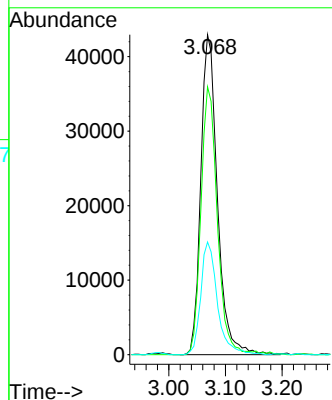
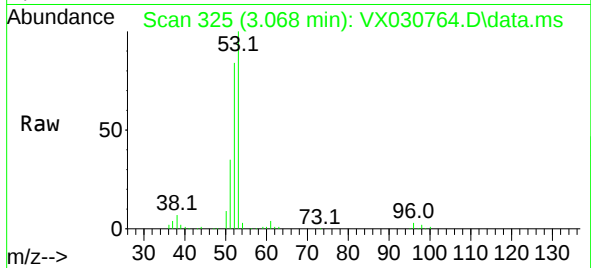




#15  
Acrylonitrile  
Concen: 47.856 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

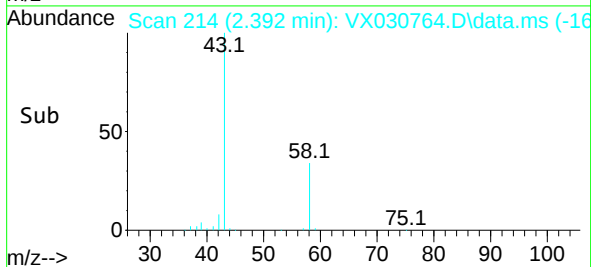
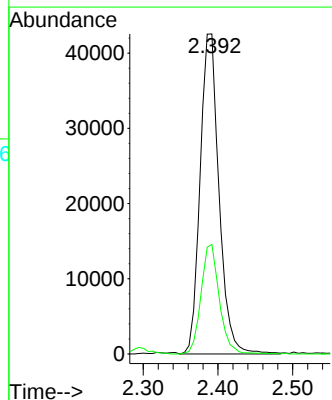
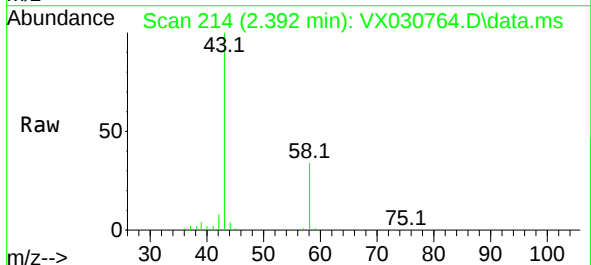
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

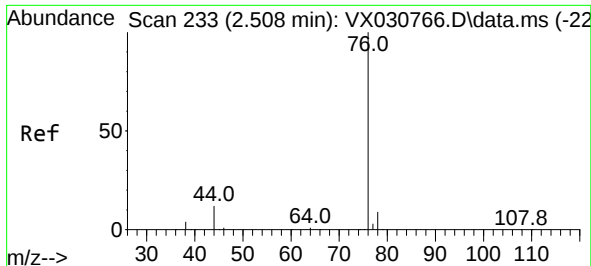
Tgt Ion: 53 Resp: 87417  
Ion Ratio Lower Upper  
53 100  
52 82.9 65.4 98.0  
51 35.4 27.7 41.5



#16  
Acetone  
Concen: 50.130 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 43 Resp: 74829  
Ion Ratio Lower Upper  
43 100  
58 34.2 27.7 41.5

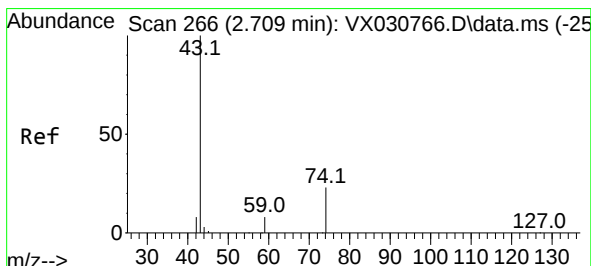
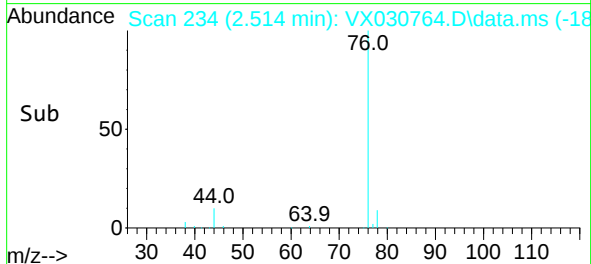
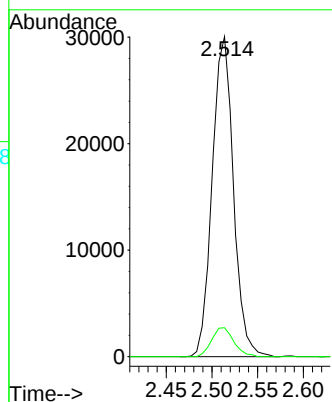
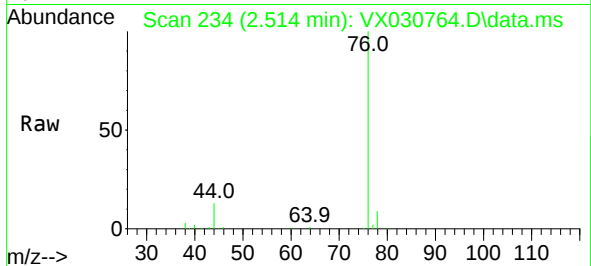




#17  
Carbon Disulfide  
Concen: 7.793 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

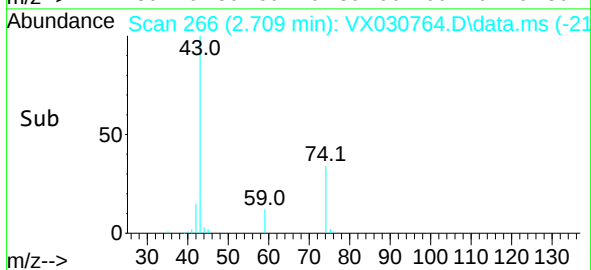
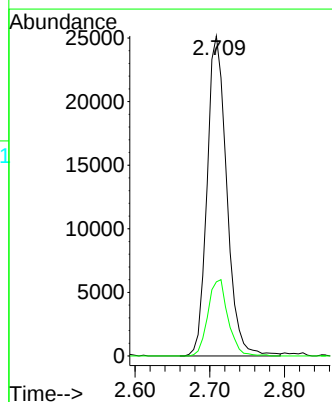
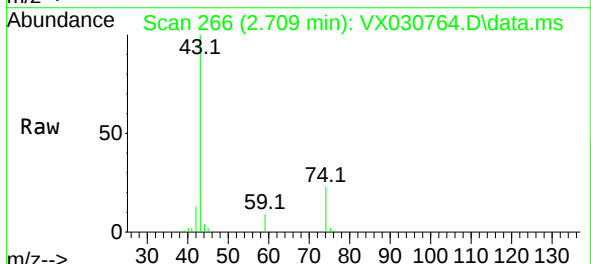
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

Tgt Ion: 76 Resp: 48493  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.8 11.6



#18  
Methyl Acetate  
Concen: 10.070 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 43 Resp: 45930  
Ion Ratio Lower Upper  
43 100  
74 24.4 19.4 29.2

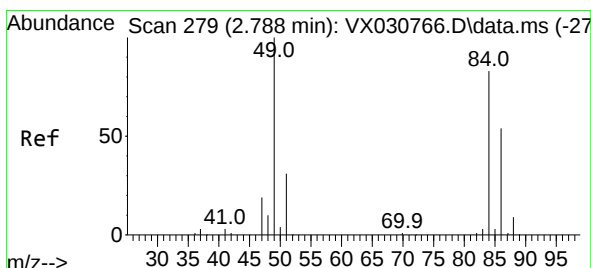
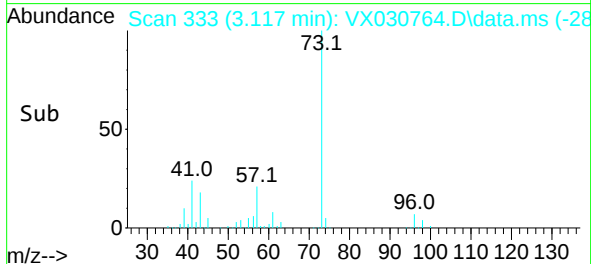
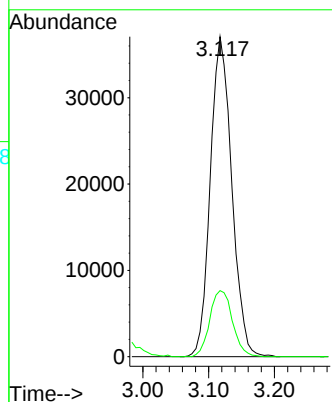
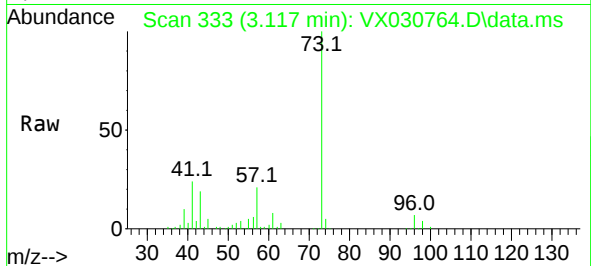




#19  
Methyl tert-butyl Ether  
Concen: 10.062 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

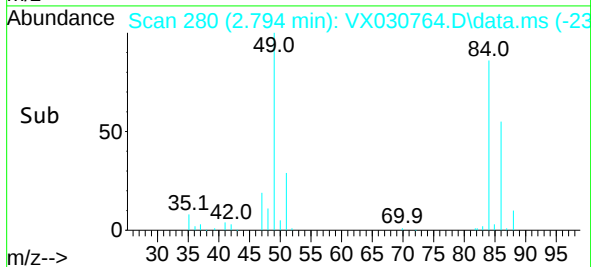
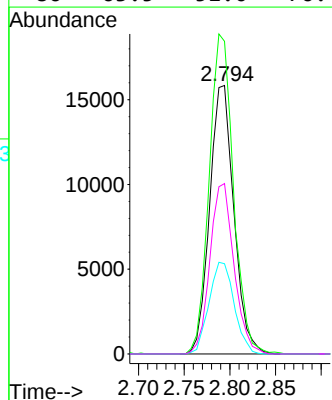
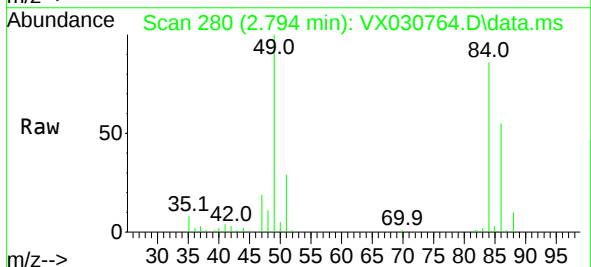
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

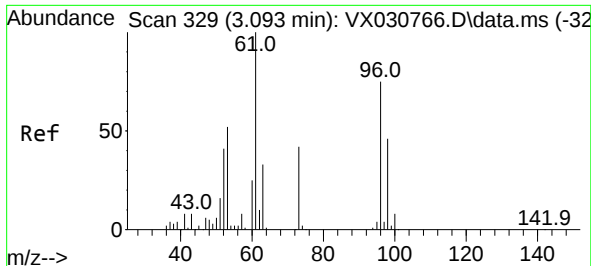
Tgt Ion: 73 Resp: 84264  
Ion Ratio Lower Upper  
73 100  
57 20.7 19.0 28.6



#20  
Methylene Chloride  
Concen: 8.586 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 84 Resp: 29257  
Ion Ratio Lower Upper  
84 100  
49 116.5 93.8 140.6  
51 33.6 29.4 44.0  
86 63.5 51.0 76.4

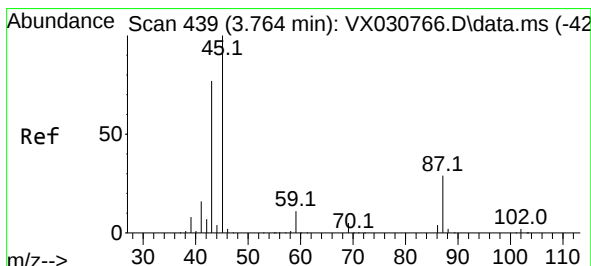
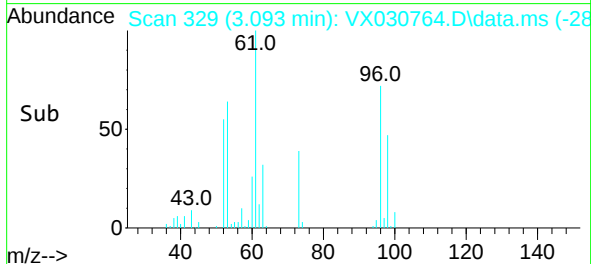
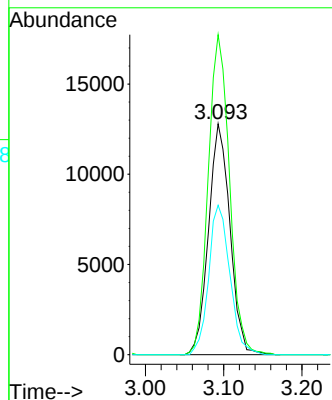
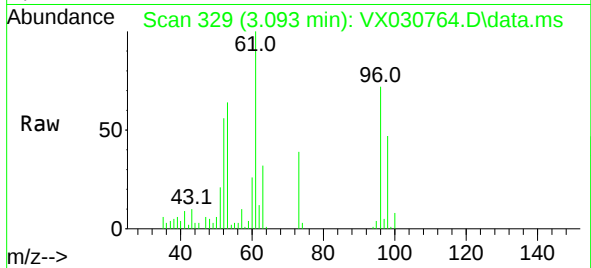




#21  
trans-1,2-Dichloroethene  
Concen: 9.014 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

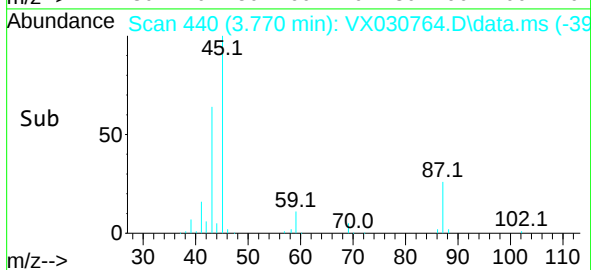
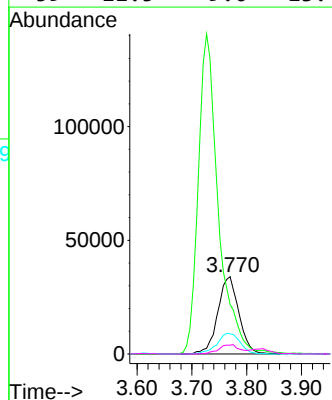
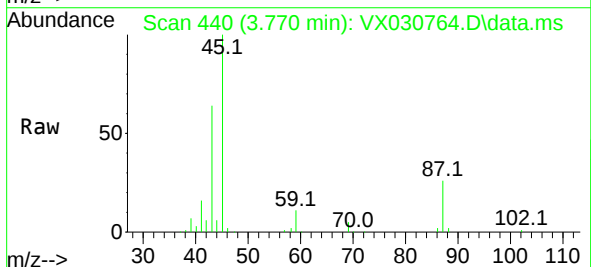
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

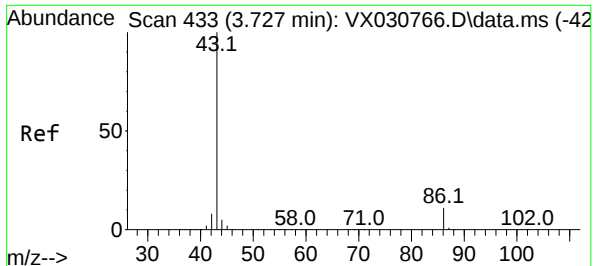
Tgt Ion: 96 Resp: 24327  
Ion Ratio Lower Upper  
96 100  
61 138.6 105.6 158.4  
98 64.7 50.1 75.1



#22  
Diisopropyl ether  
Concen: 10.034 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. 0.006 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 45 Resp: 90770  
Ion Ratio Lower Upper  
45 100  
43 63.5 65.4 98.0#  
87 26.1 22.3 33.5  
59 11.5 9.0 13.4

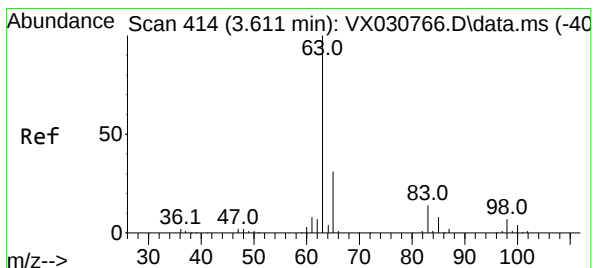
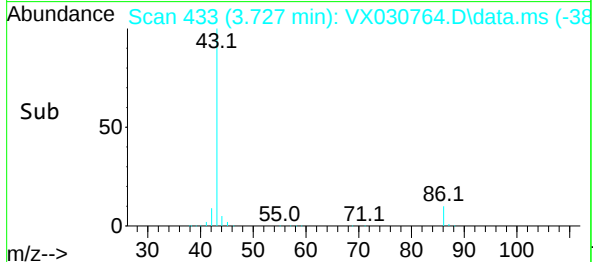
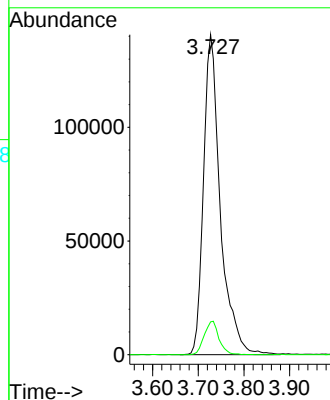
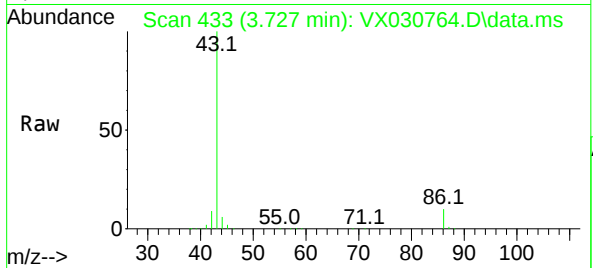




#23  
 Vinyl Acetate  
 Concen: 47.668 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX030764.D  
 Acq: 25 Aug 2022 10:43

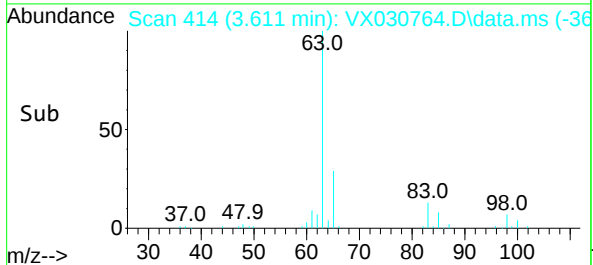
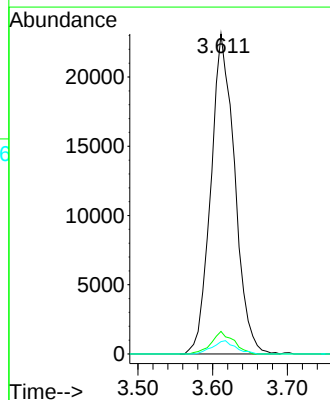
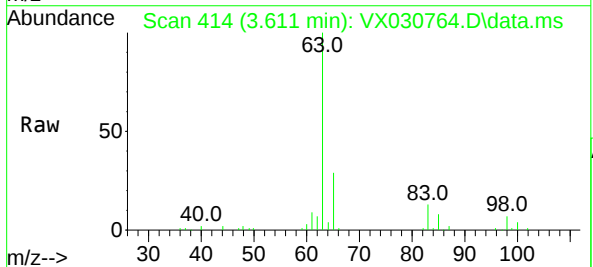
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC010

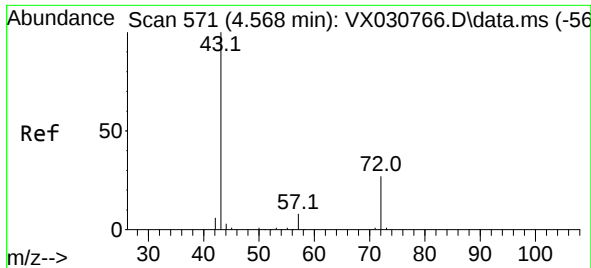
Tgt Ion: 43 Resp: 359603  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 10.244 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX030764.D  
 Acq: 25 Aug 2022 10:43

Tgt Ion: 63 Resp: 51356  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.5 10.5  
 100 3.8 2.3 6.9

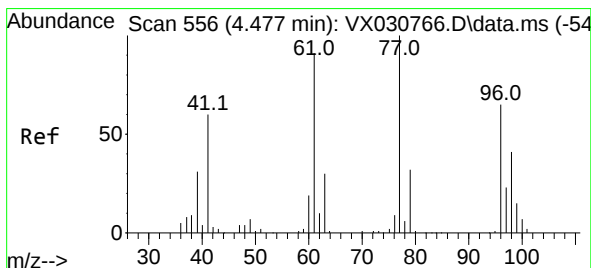
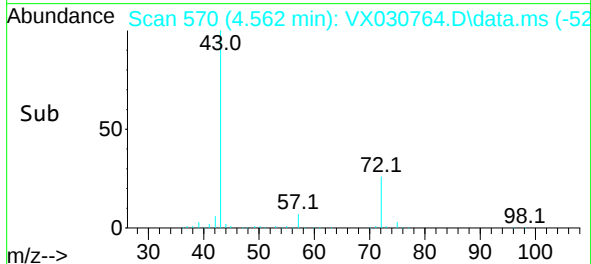
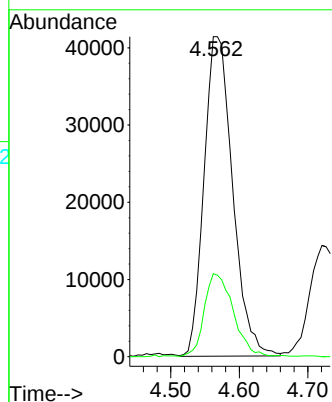
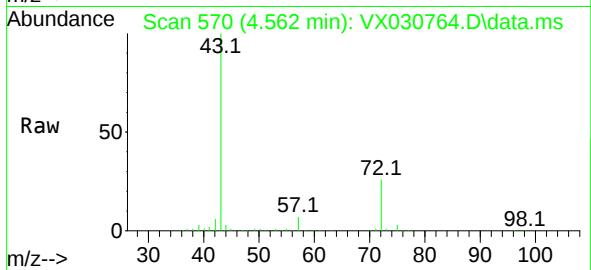




#25  
2-Butanone  
Concen: 47.939 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

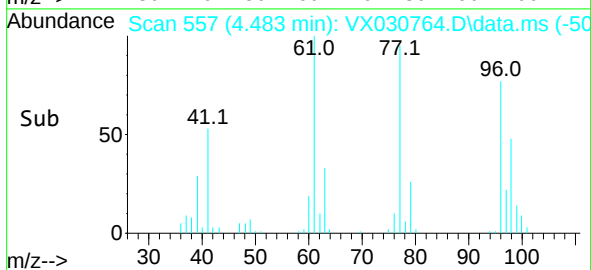
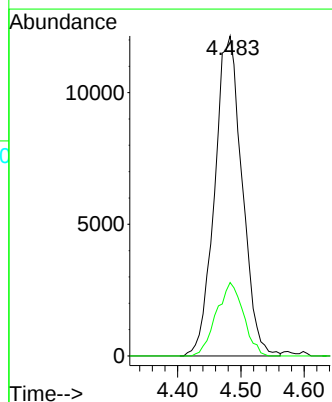
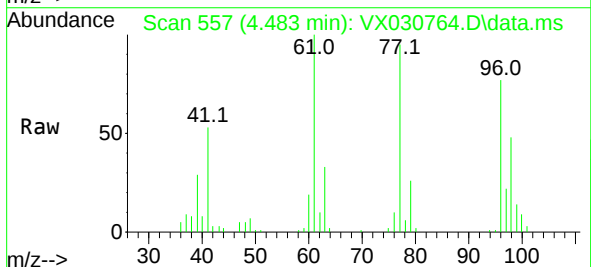
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

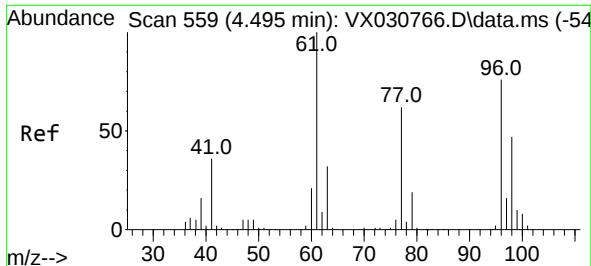
Tgt Ion: 43 Resp: 120293  
Ion Ratio Lower Upper  
43 100  
72 25.9 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 10.255 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.006 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 77 Resp: 36601  
Ion Ratio Lower Upper  
77 100  
97 22.7 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 9.430 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC010

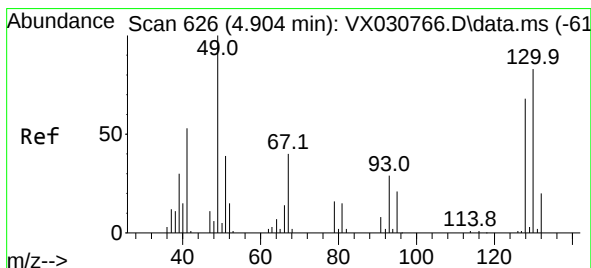
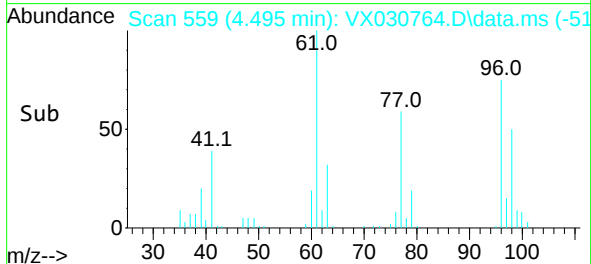
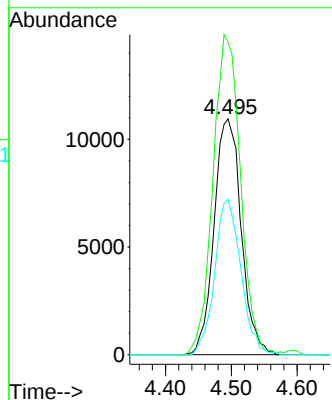
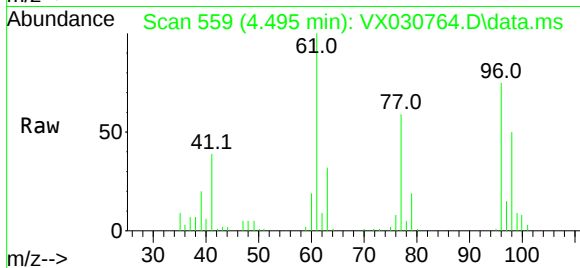
Tgt Ion: 96 Resp: 31415

Ion Ratio Lower Upper

96 100

61 137.6 0.0 270.0

98 63.7 0.0 127.8



#28

Bromochloromethane

Concen: 11.117 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

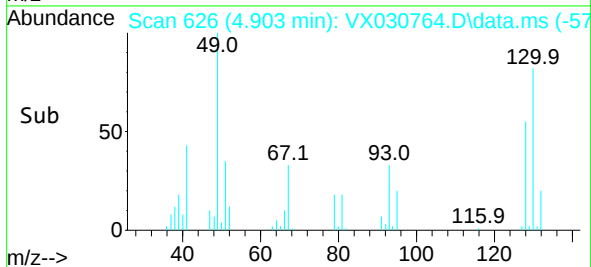
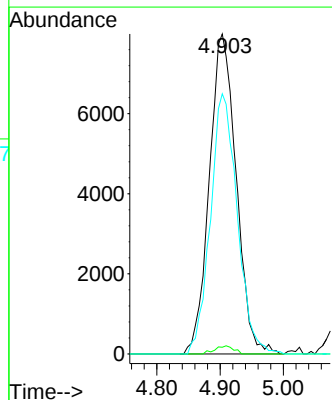
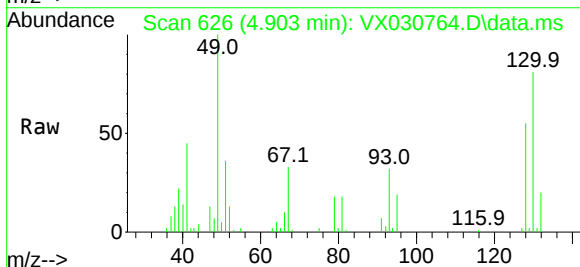
Tgt Ion: 49 Resp: 23582

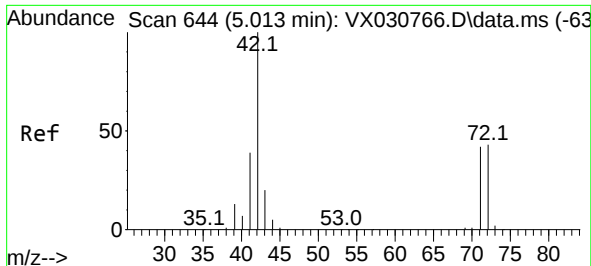
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.4

130 81.3 62.8 94.2

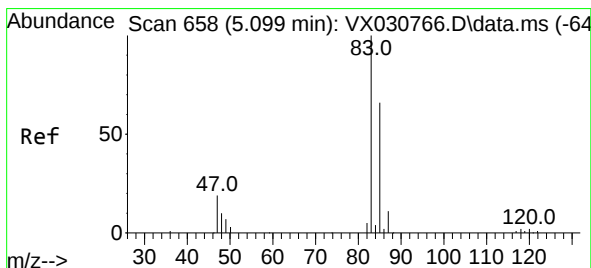
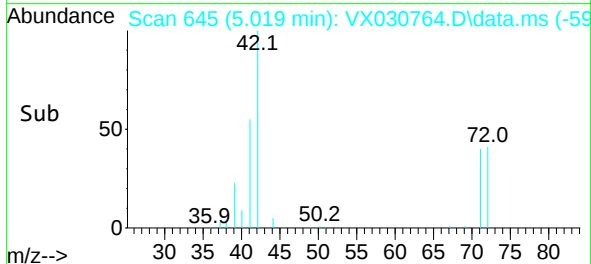
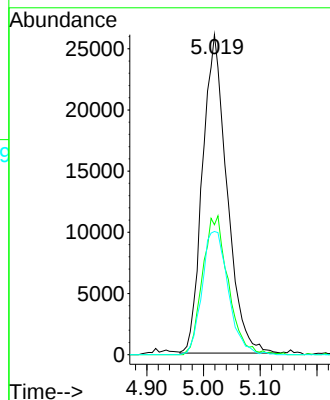
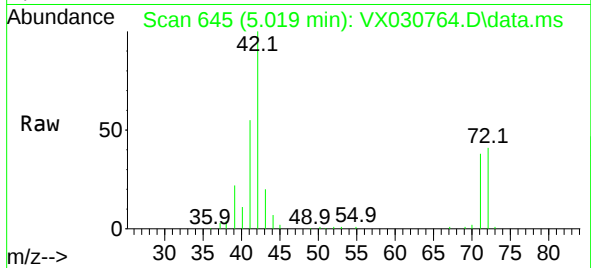




#29  
Tetrahydrofuran  
Concen: 46.129 ug/l  
RT: 5.019 min Scan# 644  
Delta R.T. 0.006 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

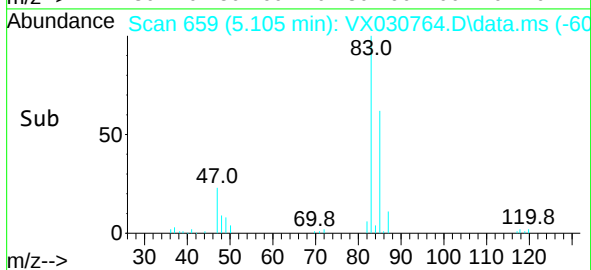
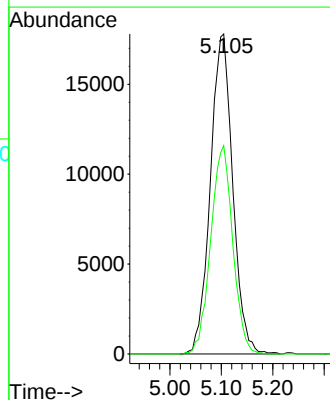
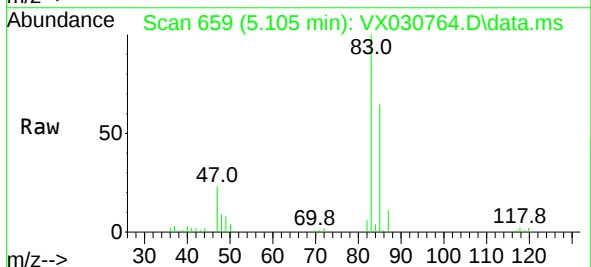
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

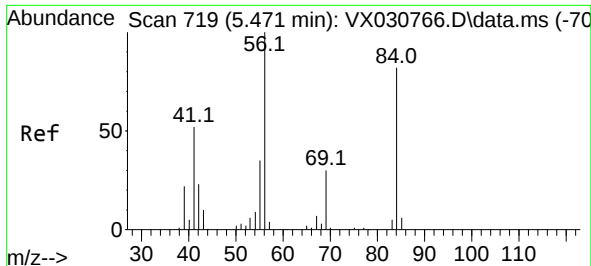
Tgt Ion: 42 Resp: 77959  
Ion Ratio Lower Upper  
42 100  
72 45.9 36.5 54.7  
71 41.3 33.9 50.9



#30  
Chloroform  
Concen: 10.696 ug/l  
RT: 5.105 min Scan# 659  
Delta R.T. 0.006 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 83 Resp: 53766  
Ion Ratio Lower Upper  
83 100  
85 65.1 51.5 77.3

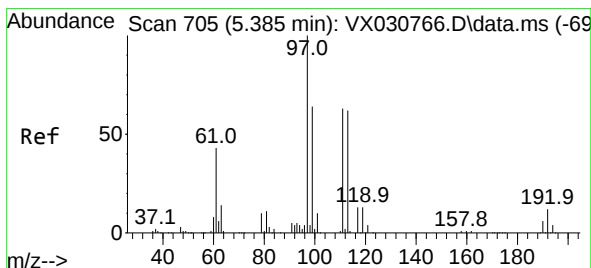
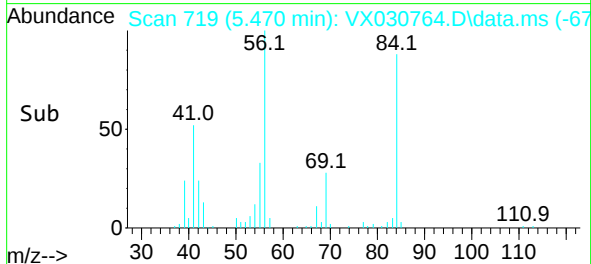
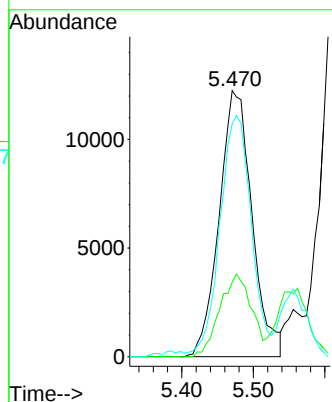
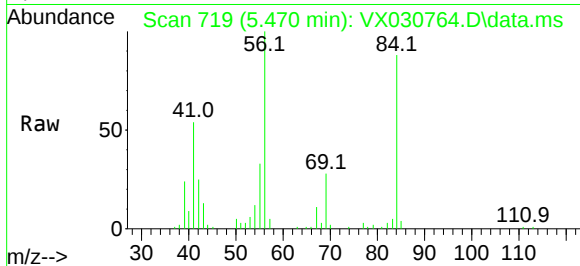




#31  
Cyclohexane  
Concen: 8.811 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

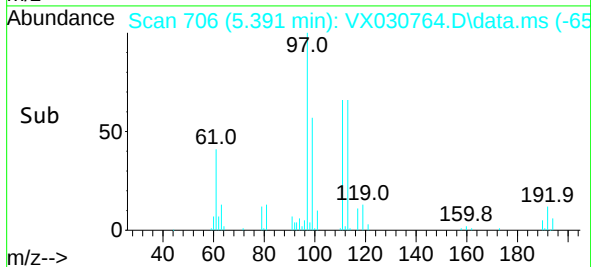
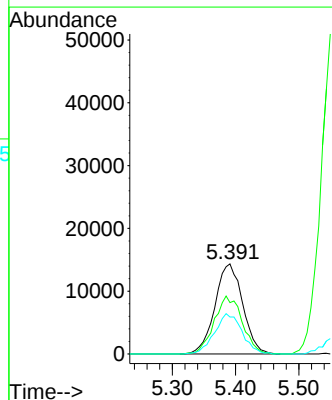
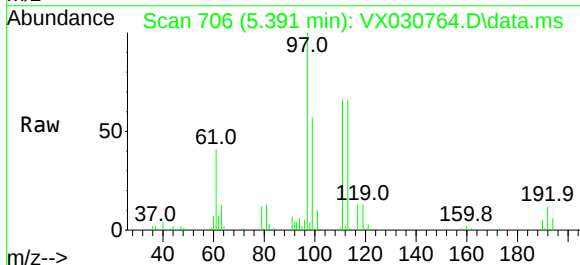
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

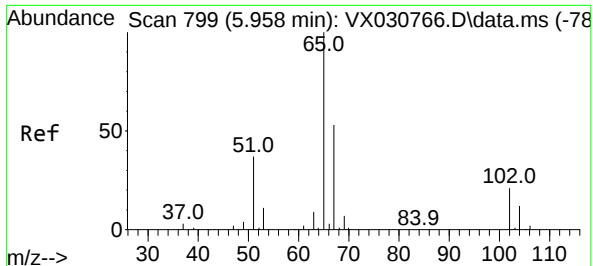
Tgt Ion: 56 Resp: 39069  
Ion Ratio Lower Upper  
56 100  
69 28.0 25.4 38.0  
84 85.5 68.9 103.3



#32  
1,1,1-Trichloroethane  
Concen: 10.581 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 97 Resp: 43614  
Ion Ratio Lower Upper  
97 100  
99 65.1 51.4 77.0  
61 44.2 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 10.104 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

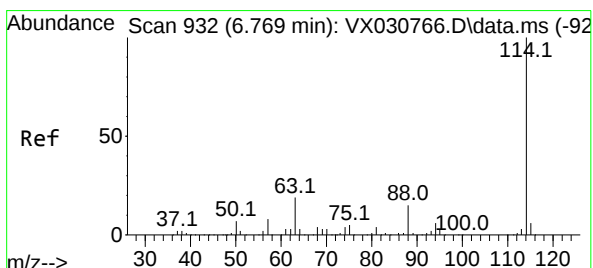
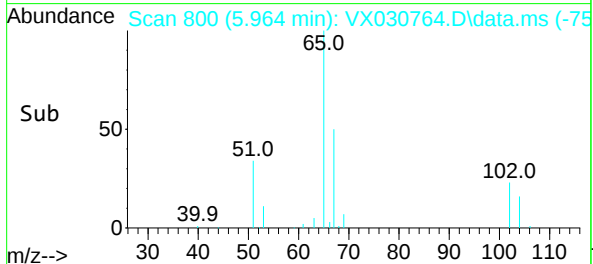
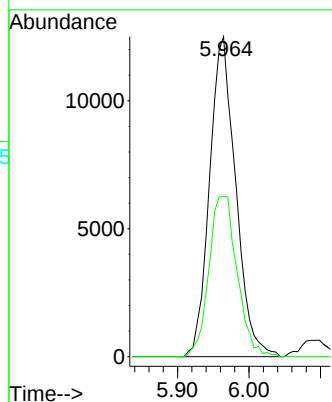
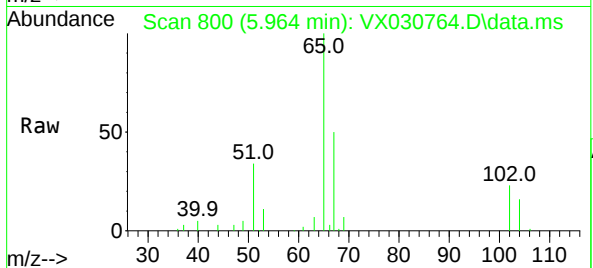
VSTDIC010

Tgt Ion: 65 Resp: 31772

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

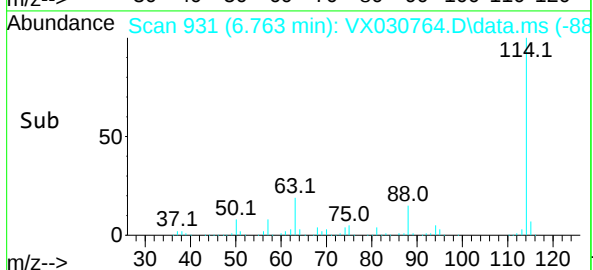
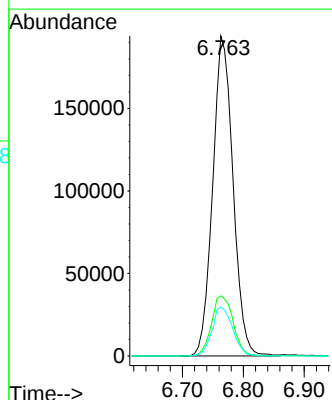
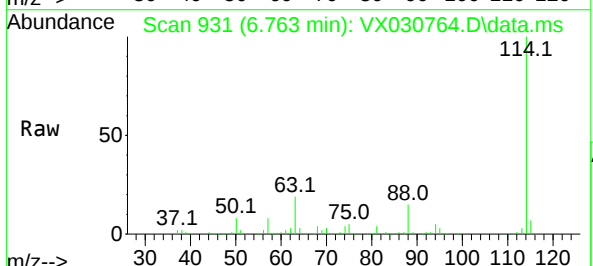
Tgt Ion: 114 Resp: 449524

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 9.729 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

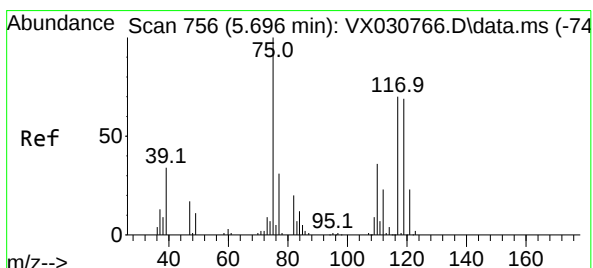
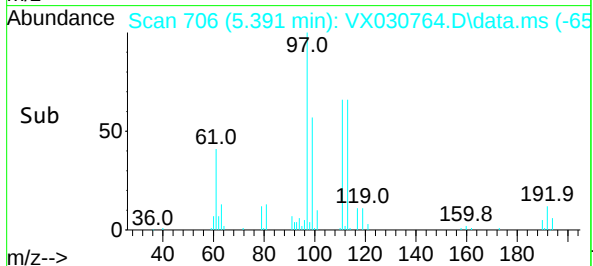
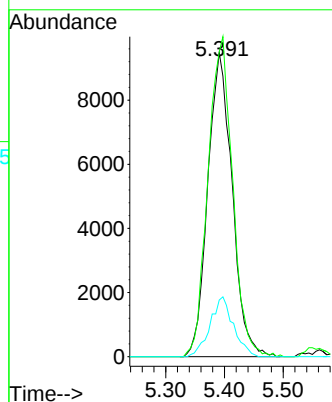
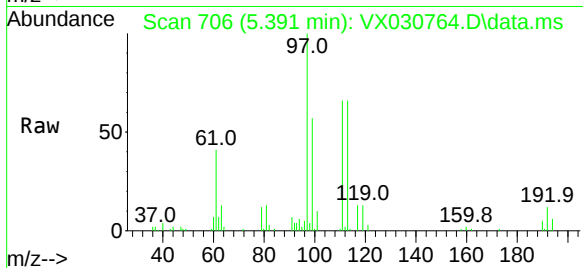
Tgt Ion:113 Resp: 27297

Ion Ratio Lower Upper

113 100

111 106.1 83.2 124.8

192 18.9 14.8 22.2



#36

1,1-Dichloropropene

Concen: 9.696 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.006 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

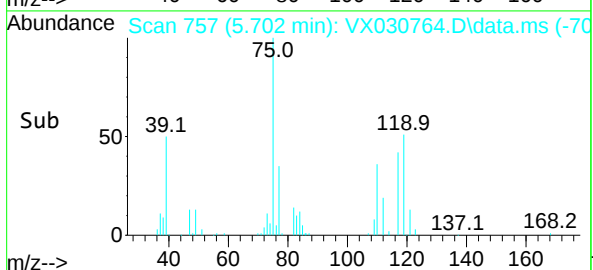
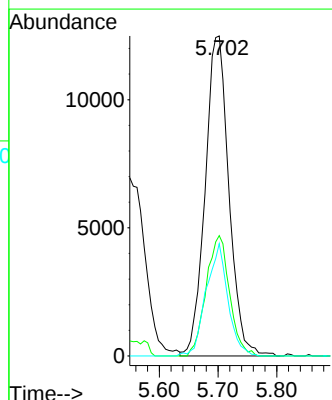
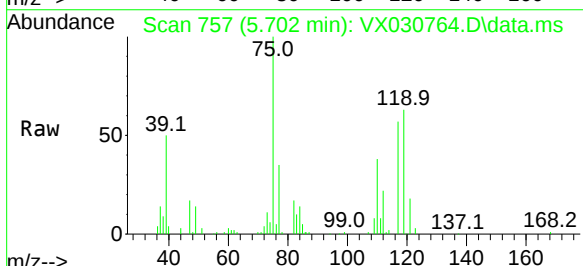
Tgt Ion: 75 Resp: 35107

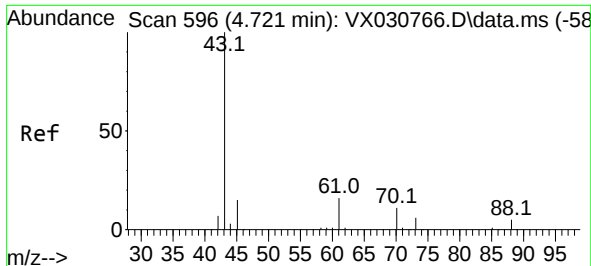
Ion Ratio Lower Upper

75 100

110 37.0 19.3 57.9

77 32.1 24.4 36.6





#37

Ethyl Acetate

Concen: 9.454 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

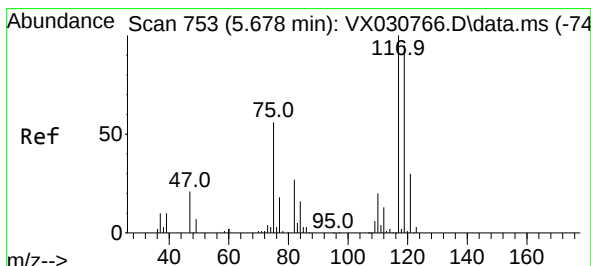
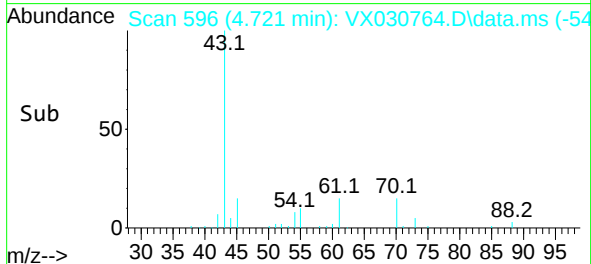
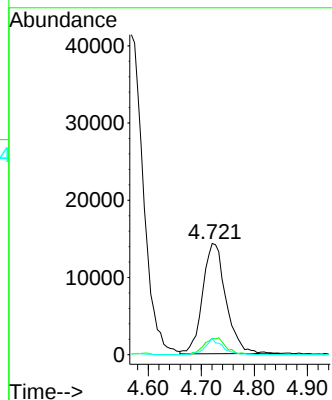
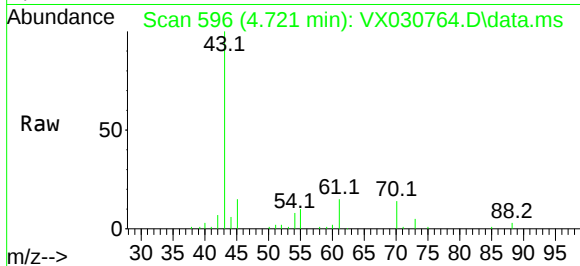
Tgt Ion: 43 Resp: 43534

Ion Ratio Lower Upper

43 100

61 14.7 11.7 17.5

70 10.5 9.3 13.9



#38

Carbon Tetrachloride

Concen: 10.845 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

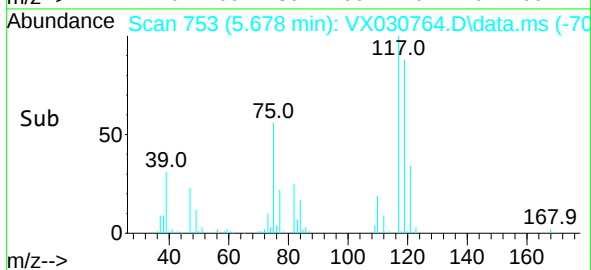
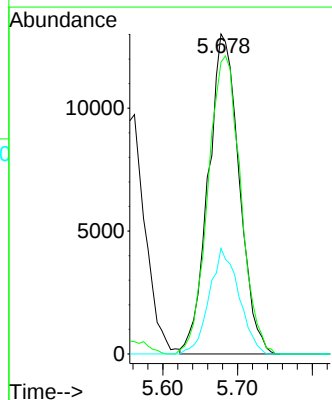
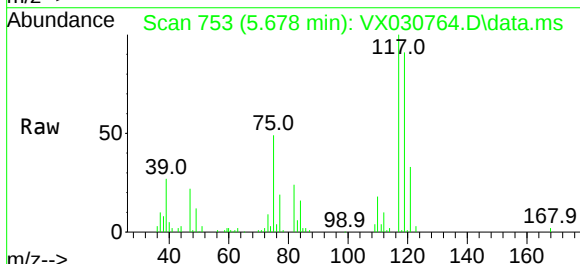
Tgt Ion: 117 Resp: 37416

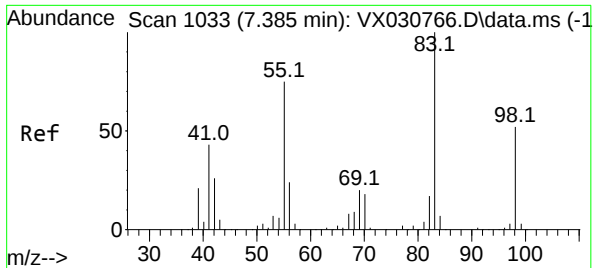
Ion Ratio Lower Upper

117 100

119 91.2 74.1 111.1

121 33.0 25.8 38.8

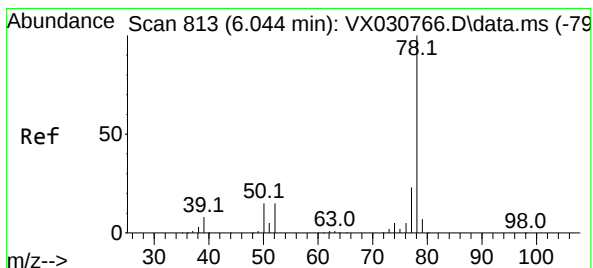
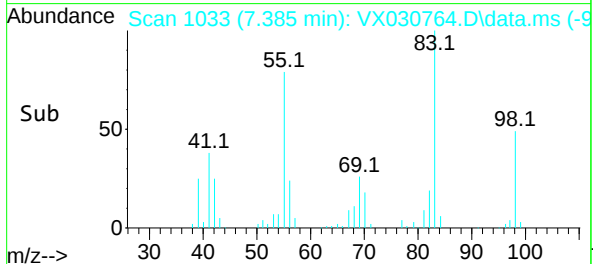
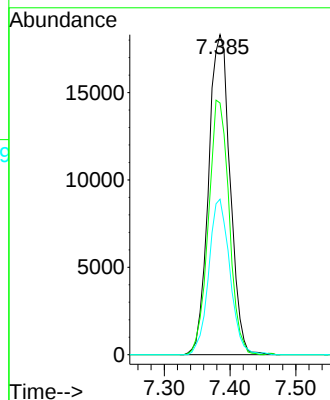
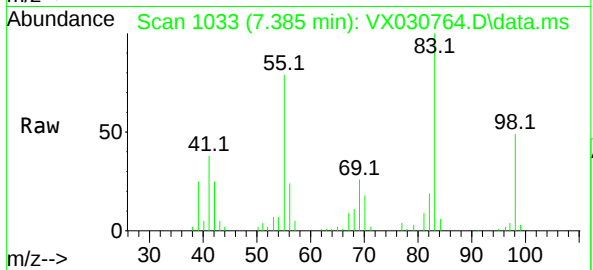




#39  
Methylcyclohexane  
Concen: 9.246 ug/l  
RT: 7.385 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

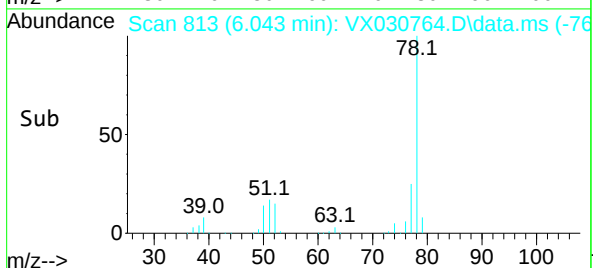
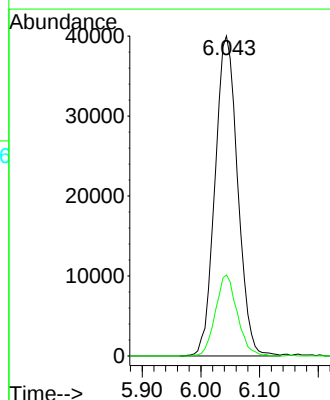
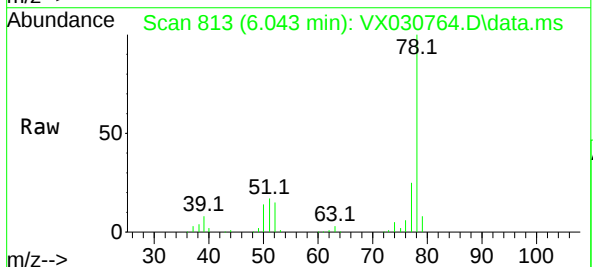
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010

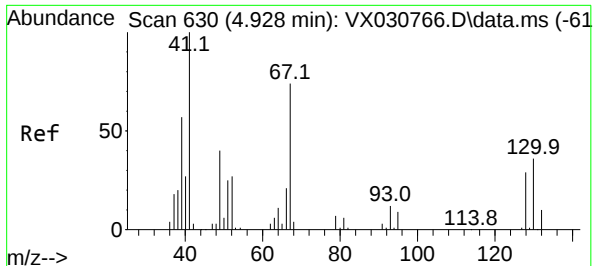
Tgt Ion: 83 Resp: 41767  
Ion Ratio Lower Upper  
83 100  
55 78.6 57.7 86.5  
98 48.6 36.5 54.7



#40  
Benzene  
Concen: 9.496 ug/l  
RT: 6.043 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 78 Resp: 107187  
Ion Ratio Lower Upper  
78 100  
77 25.3 18.0 27.0

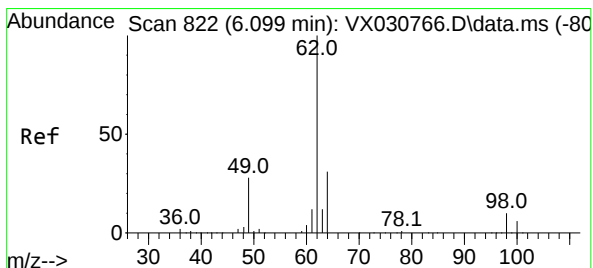
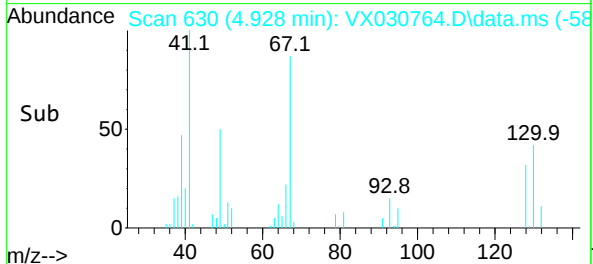
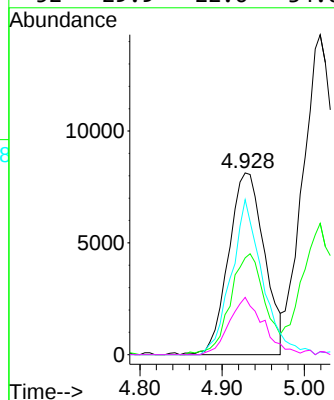
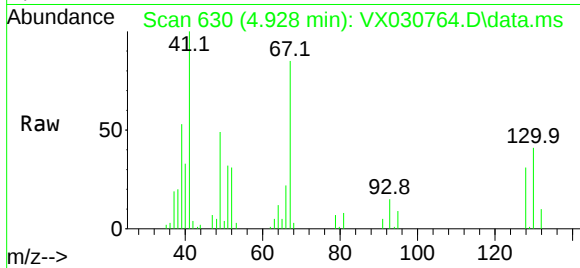




#41  
Methacrylonitrile  
Concen: 9.901 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

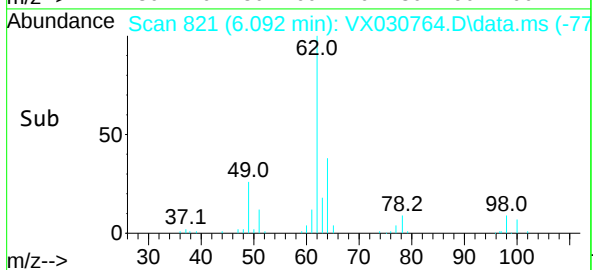
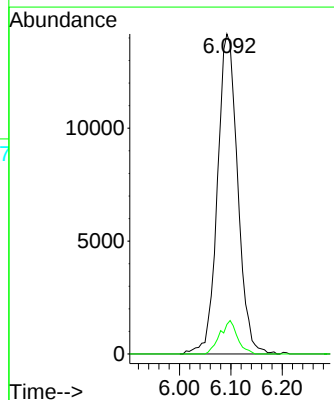
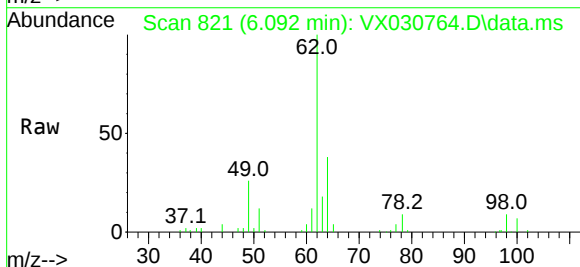
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

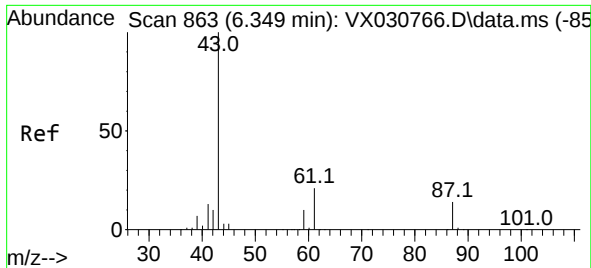
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 24709 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.3  | 42.9  | 64.3  |
| 67       | 74.1  | 60.1  | 90.1  |
| 52       | 29.9  | 22.6  | 34.0  |



#42  
1,2-Dichloroethane  
Concen: 10.795 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 38763 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.0   | 0.0   | 20.2  |

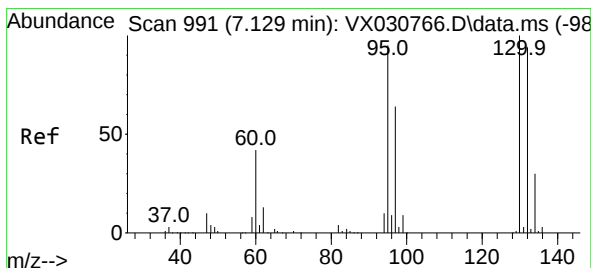
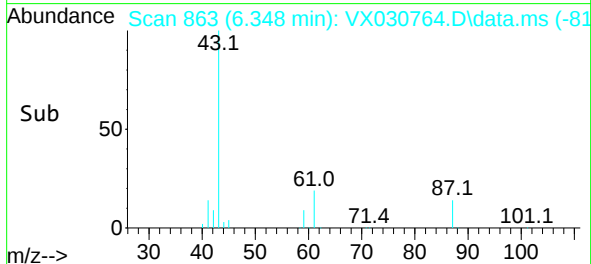
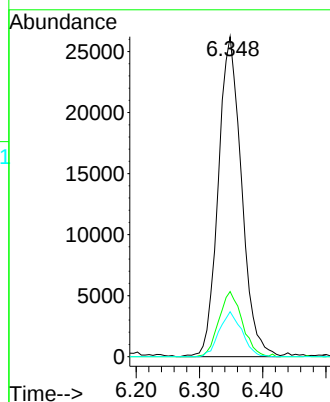
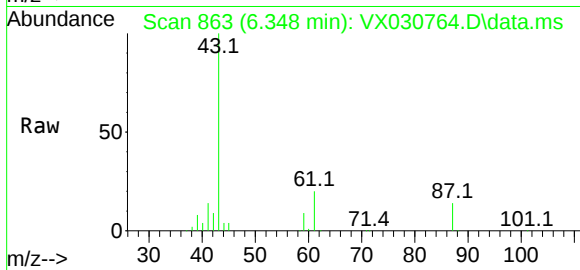




#43  
Isopropyl Acetate  
Concen: 9.627 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

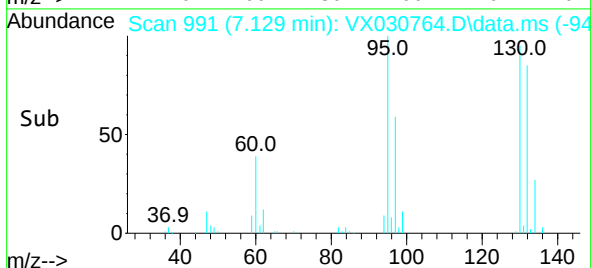
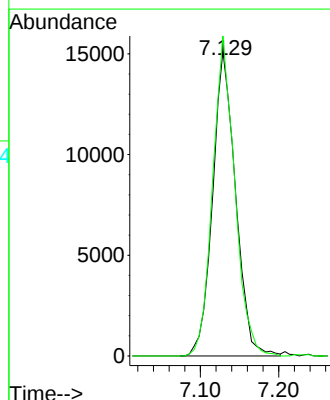
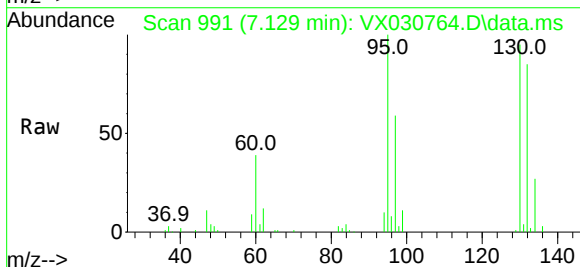
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

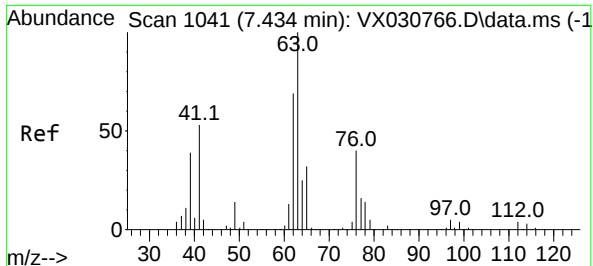
Tgt Ion: 43 Resp: 66971  
Ion Ratio Lower Upper  
43 100  
61 20.5 16.5 24.7  
87 13.7 11.1 16.7



#44  
Trichloroethene  
Concen: 9.254 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 130 Resp: 30778  
Ion Ratio Lower Upper  
130 100  
95 105.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 10.432 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

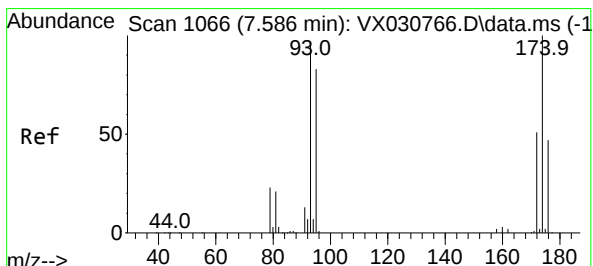
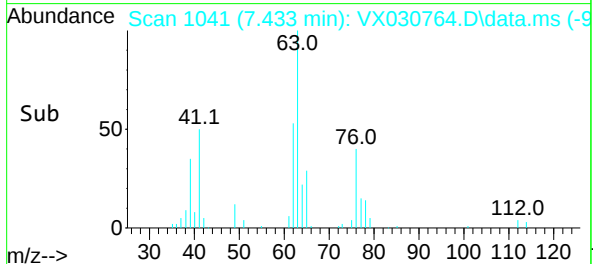
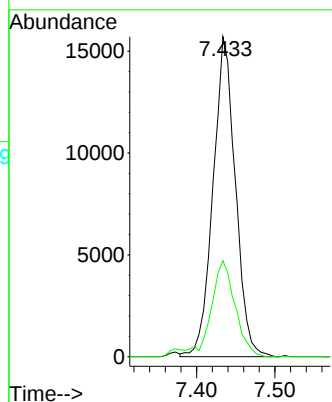
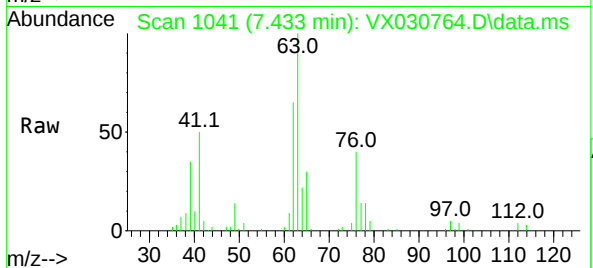
VSTDIC010

Tgt Ion: 63 Resp: 31140

Ion Ratio Lower Upper

63 100

65 30.0 25.2 37.8



#46

Dibromomethane

Concen: 10.544 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

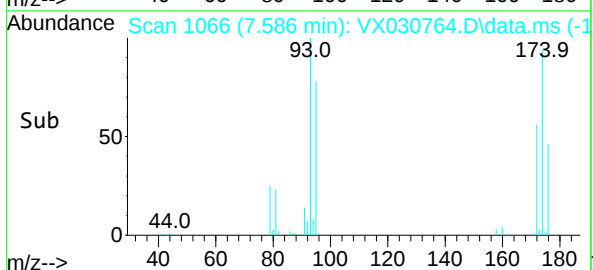
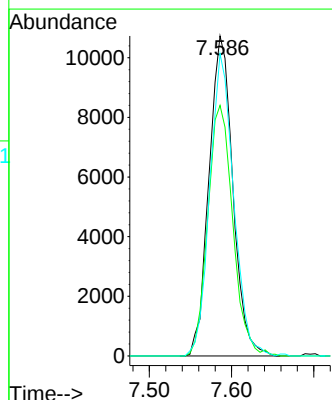
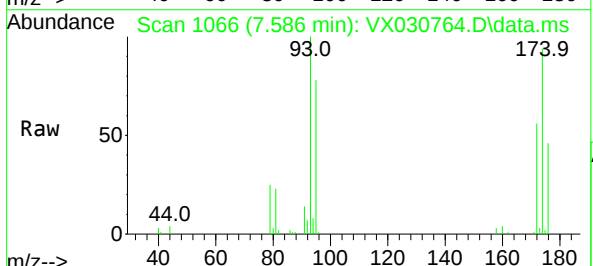
Tgt Ion: 93 Resp: 21649

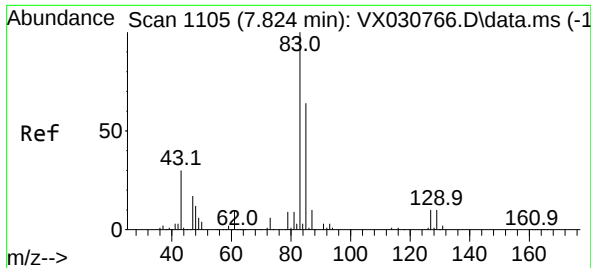
Ion Ratio Lower Upper

93 100

95 82.0 67.4 101.0

174 94.3 75.6 113.4

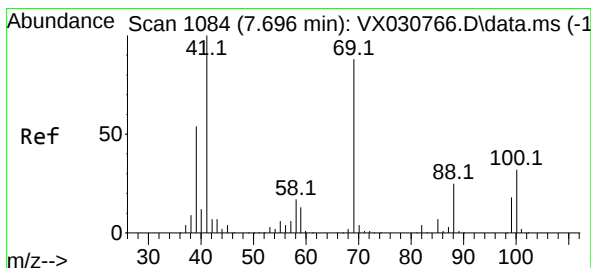
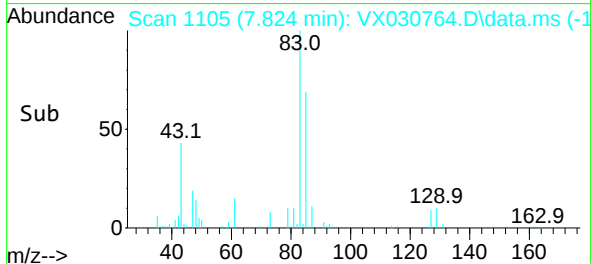
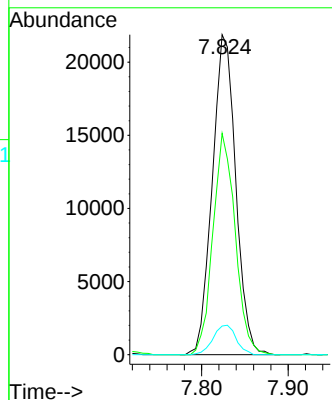
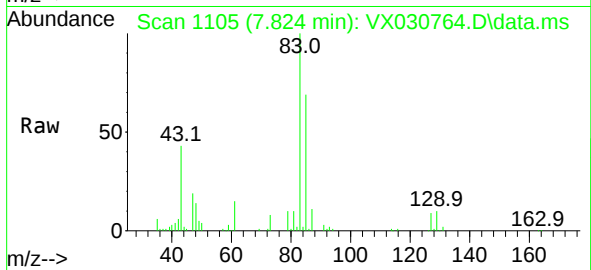




#47  
Bromodichloromethane  
Concen: 10.864 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

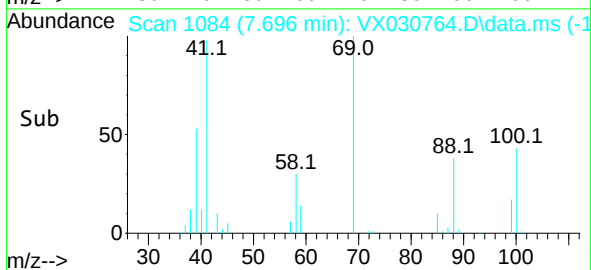
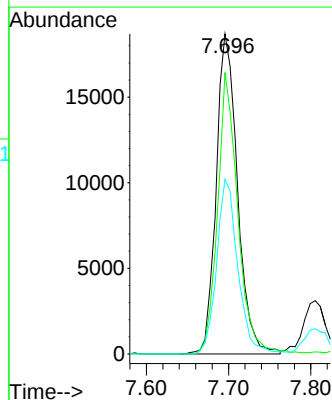
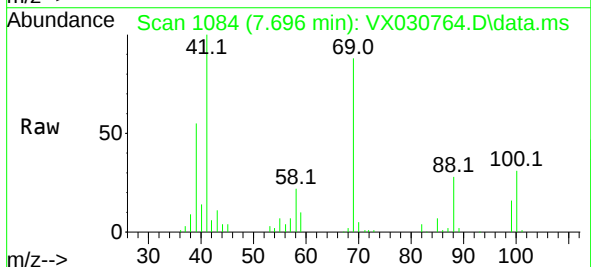
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

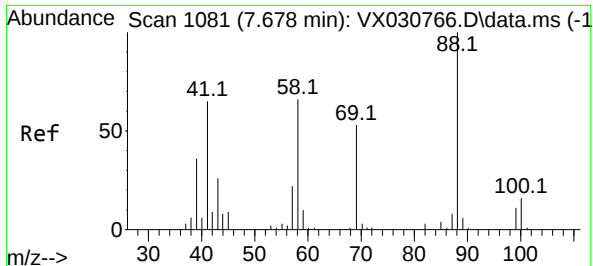
Tgt Ion: 83 Resp: 41158  
Ion Ratio Lower Upper  
83 100  
85 69.2 53.5 80.3  
127 8.9 6.6 10.0



#48  
Methyl methacrylate  
Concen: 10.446 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 41 Resp: 33733  
Ion Ratio Lower Upper  
41 100  
69 83.5 68.8 103.2  
39 54.1 44.6 66.8





#49

1,4-Dioxane

Concen: 208.210 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

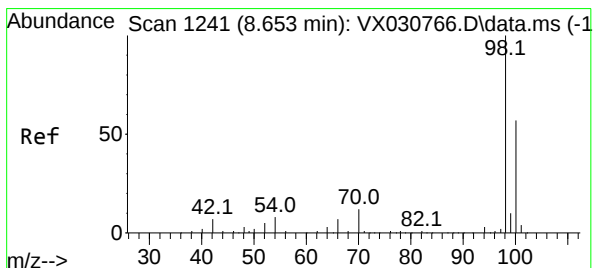
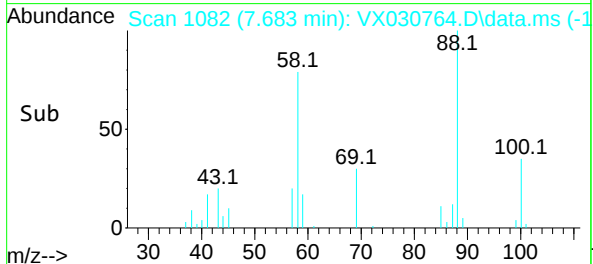
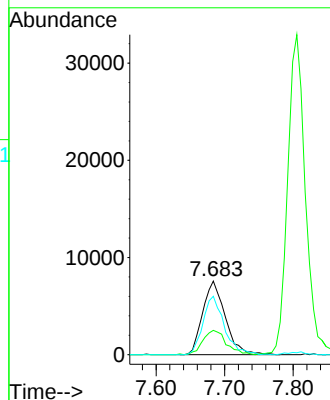
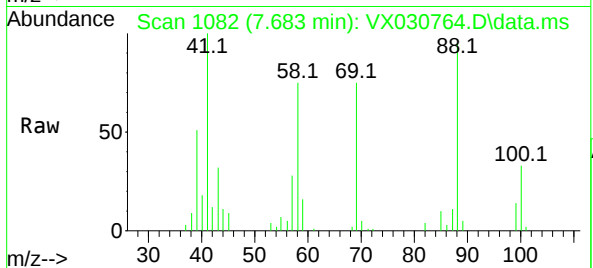
Tgt Ion: 88 Resp: 17288

Ion Ratio Lower Upper

88 100

43 34.5 23.8 35.8

58 75.4 53.8 80.6



#50

Toluene-d8

Concen: 8.913 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030764.D

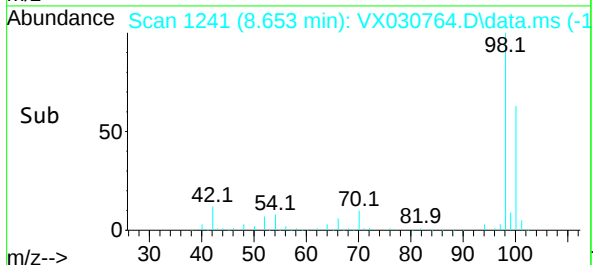
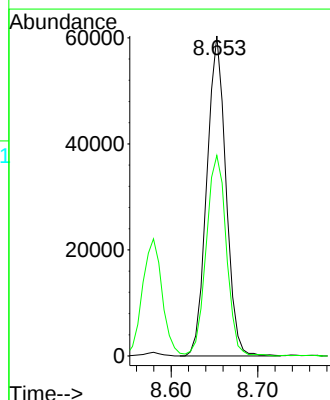
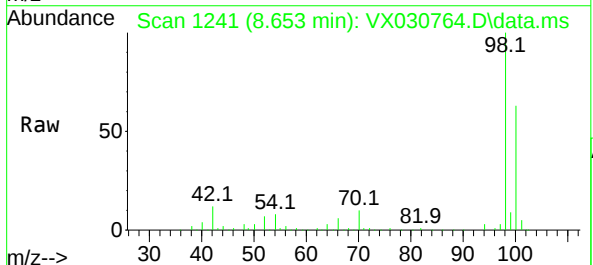
Acq: 25 Aug 2022 10:43

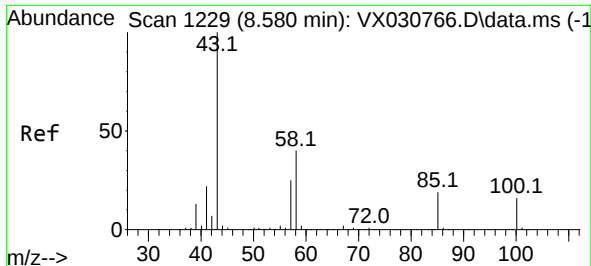
Tgt Ion: 98 Resp: 92374

Ion Ratio Lower Upper

98 100

100 66.0 52.3 78.5

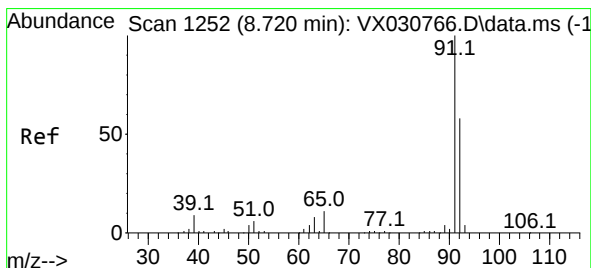
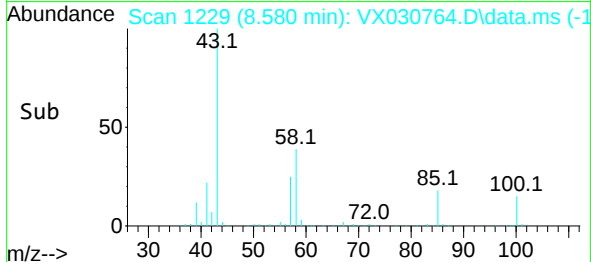
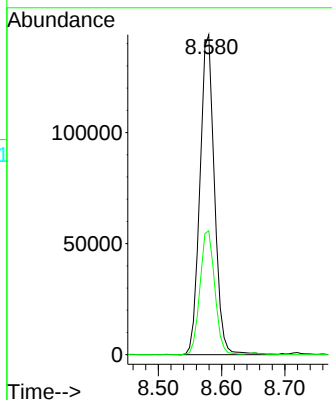
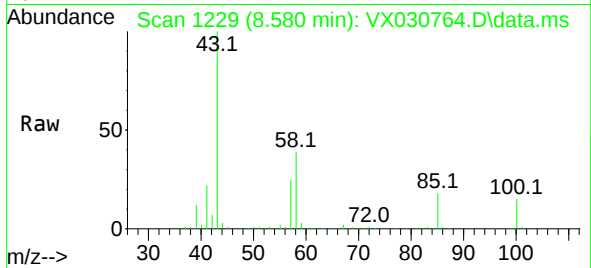




#51  
4-Methyl-2-Pentanone  
Concen: 49.969 ug/l  
RT: 8.580 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

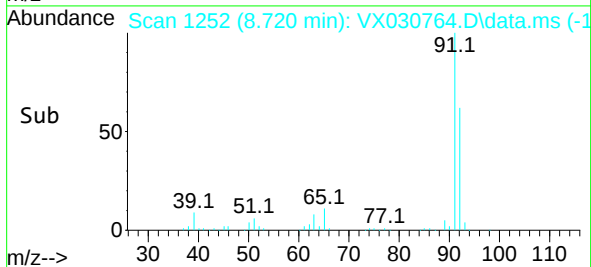
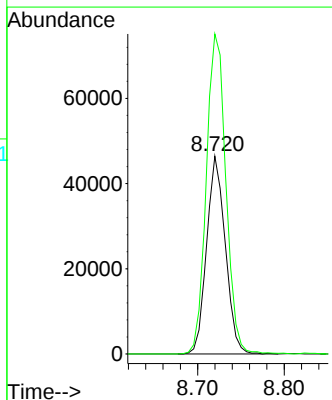
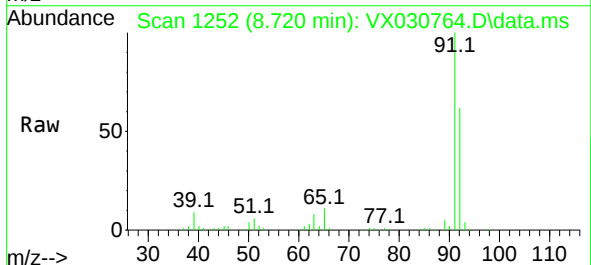
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

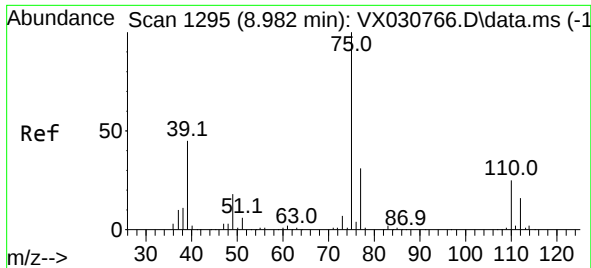
Tgt Ion: 43 Resp: 230643  
Ion Ratio Lower Upper  
43 100  
58 39.4 31.4 47.2



#52  
Toluene  
Concen: 9.672 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 92 Resp: 69633  
Ion Ratio Lower Upper  
92 100  
91 169.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 10.073 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

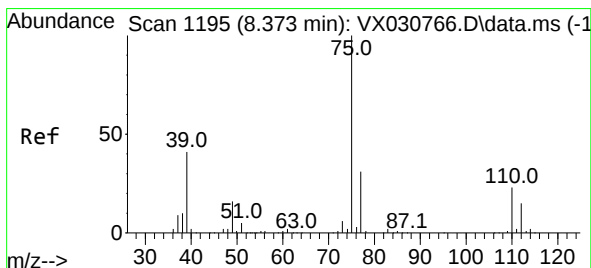
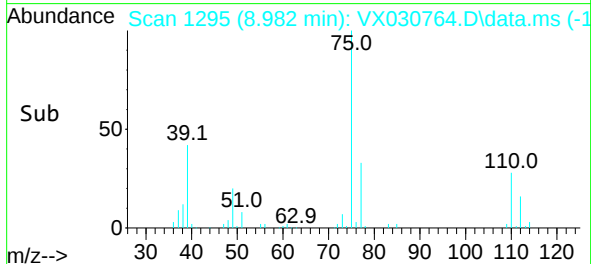
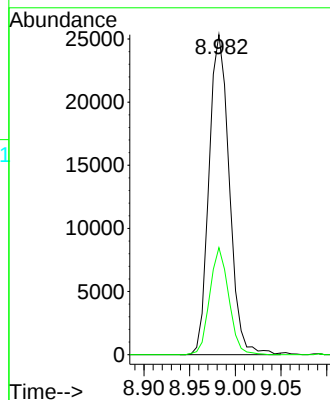
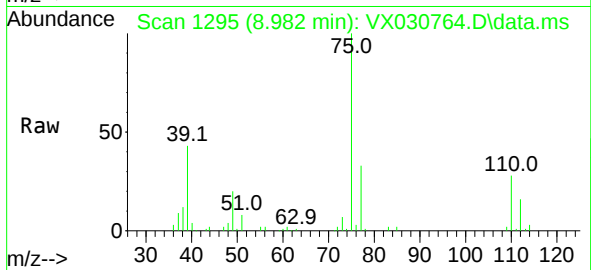
VSTDIC010

Tgt Ion: 75 Resp: 39045

Ion Ratio Lower Upper

75 100

77 33.5 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 9.820 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

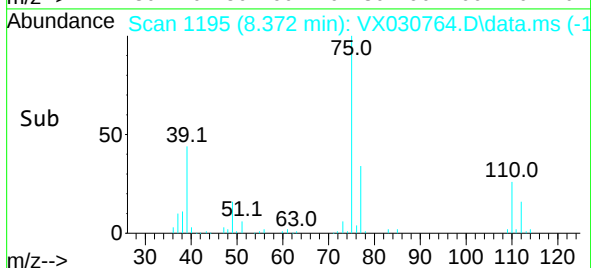
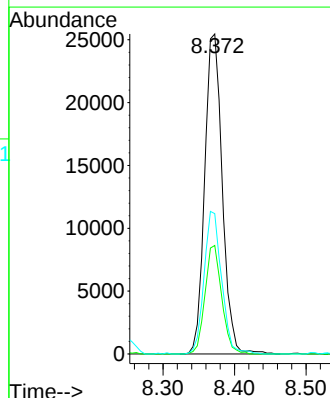
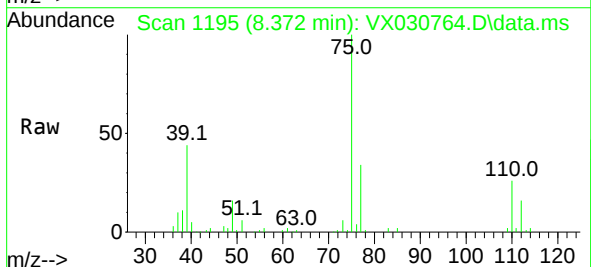
Tgt Ion: 75 Resp: 43531

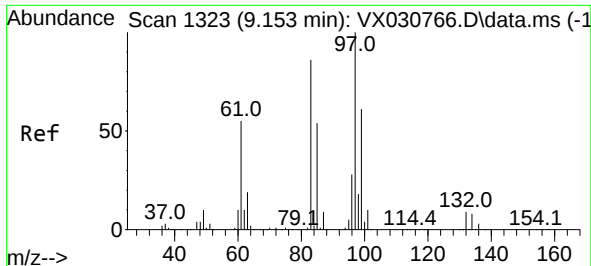
Ion Ratio Lower Upper

75 100

77 33.9 25.0 37.4

39 43.9 37.5 56.3



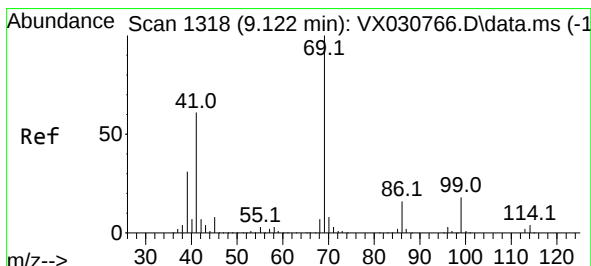
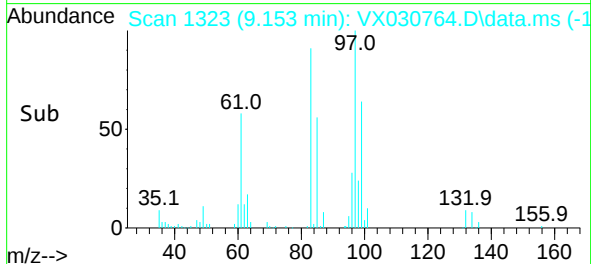
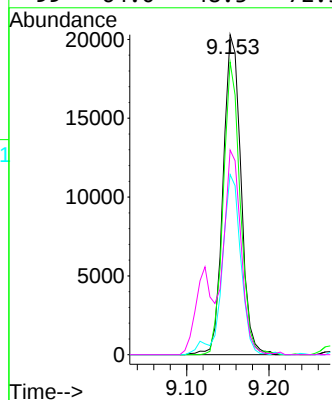
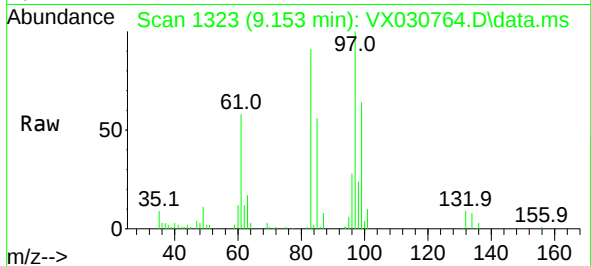


#55  
1,1,2-Trichloroethane  
Concen: 10.156 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

Tgt Ion: 97 Resp: 30575

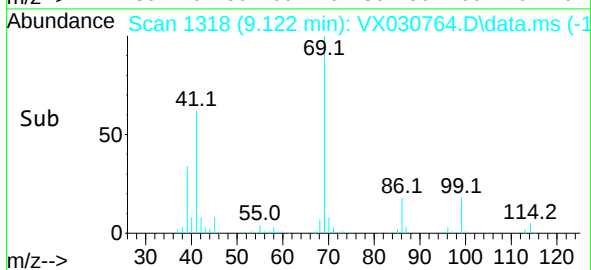
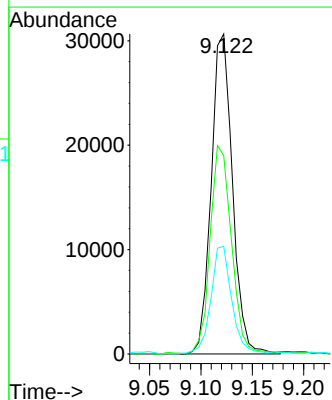
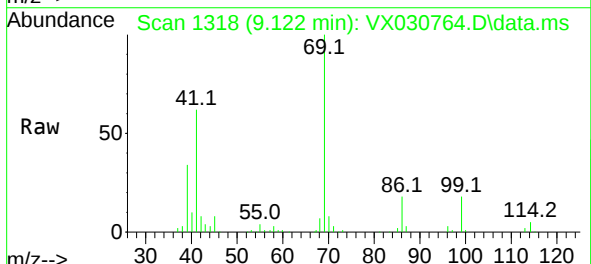
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 91.4  | 68.9  | 103.3 |
| 85  | 56.3  | 44.0  | 66.0  |
| 99  | 64.0  | 48.3  | 72.5  |

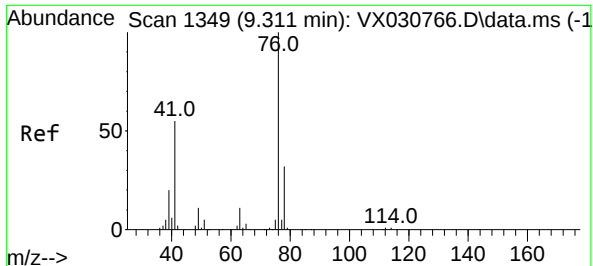


#56  
Ethyl methacrylate  
Concen: 9.824 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 69 Resp: 44086

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 66.1  | 52.3  | 78.5  |
| 39  | 33.7  | 28.2  | 42.4  |





#57

1,3-Dichloropropane

Concen: 10.281 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

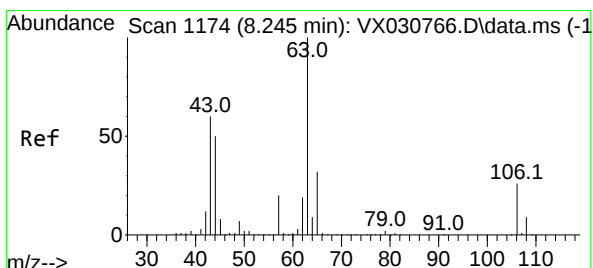
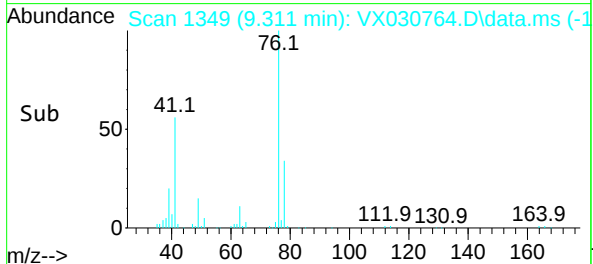
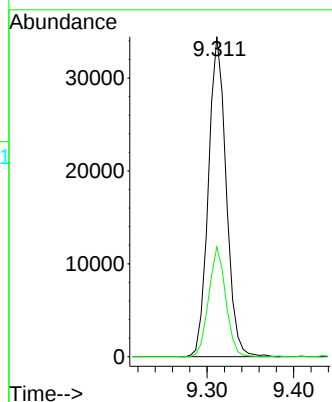
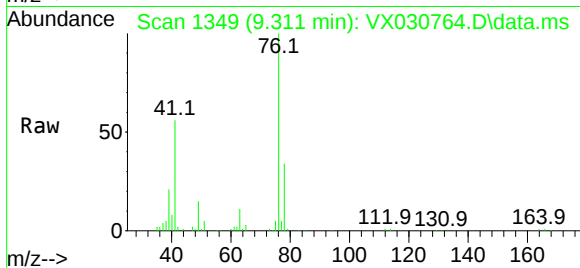
VSTDICC010

Tgt Ion: 76 Resp: 49073

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 53.062 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX030764.D

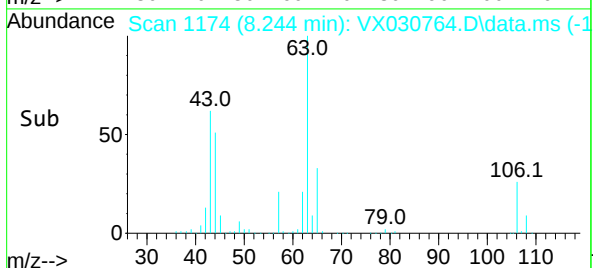
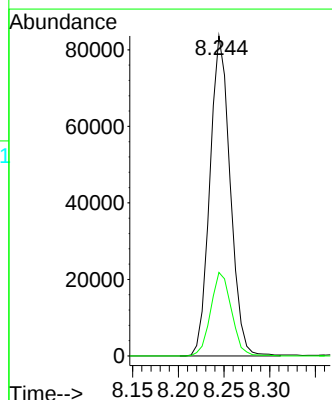
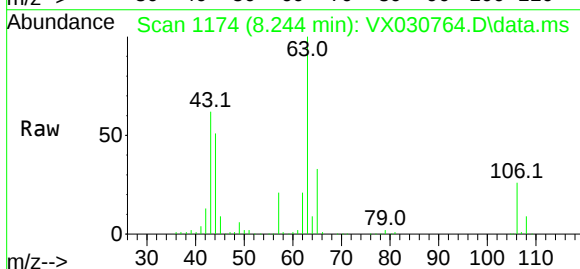
Acq: 25 Aug 2022 10:43

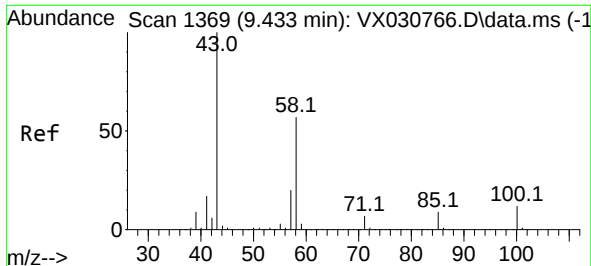
Tgt Ion: 63 Resp: 129214

Ion Ratio Lower Upper

63 100

106 26.7 22.2 33.2





#59

2-Hexanone

Concen: 49.735 ug/l

RT: 9.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

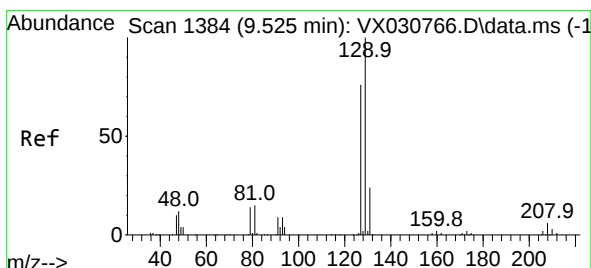
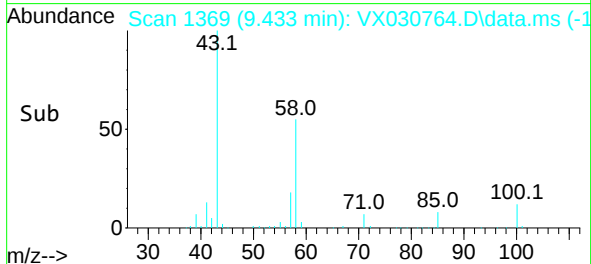
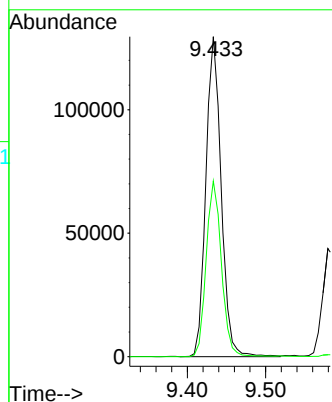
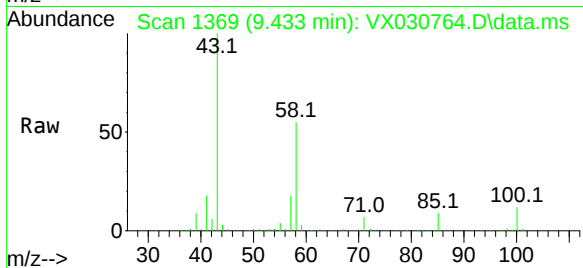
VSTDIC010

Tgt Ion: 43 Resp: 175335

Ion Ratio Lower Upper

43 100

58 54.8 27.6 82.8



#60

Dibromochloromethane

Concen: 10.612 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030764.D

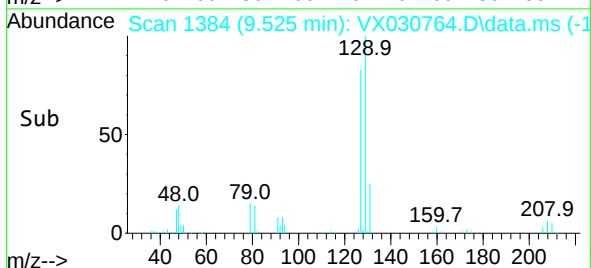
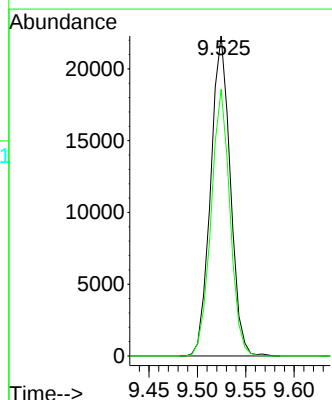
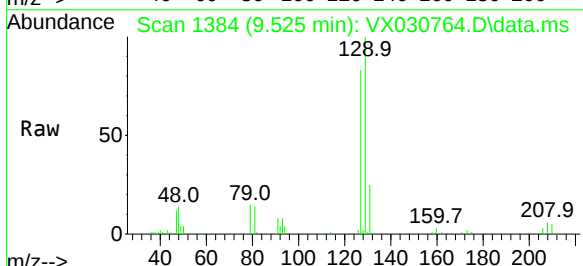
Acq: 25 Aug 2022 10:43

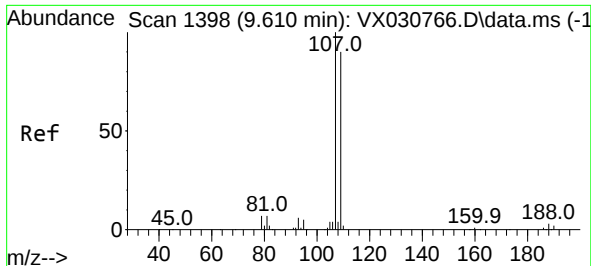
Tgt Ion:129 Resp: 31532

Ion Ratio Lower Upper

129 100

127 80.0 38.5 115.5

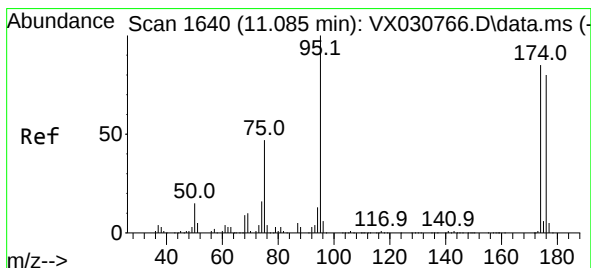
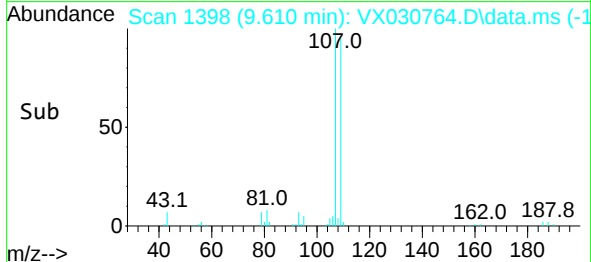
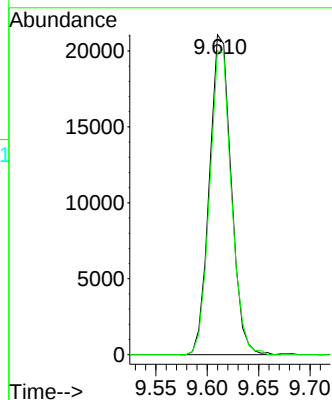
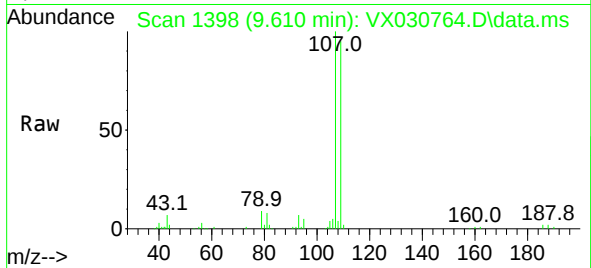




#61  
1,2-Dibromoethane  
Concen: 9.944 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

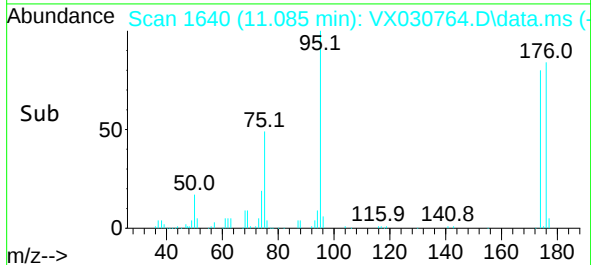
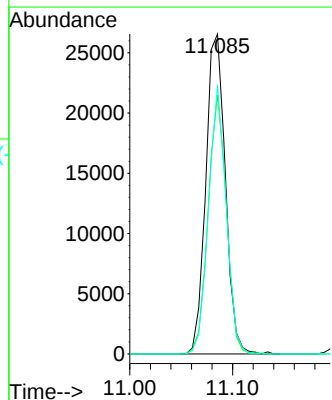
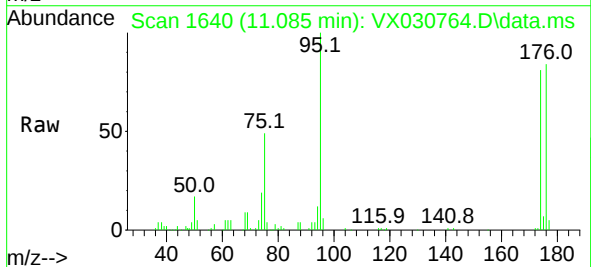
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

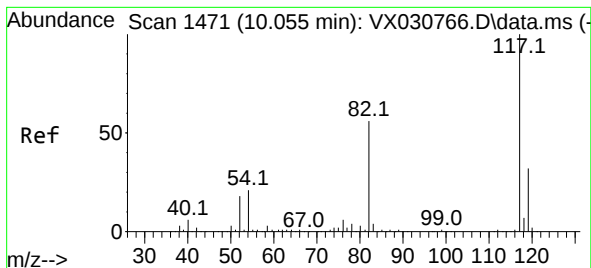
Tgt Ion:107 Resp: 31025  
Ion Ratio Lower Upper  
107 100  
109 95.2 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 9.606 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 95 Resp: 35115  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 149.0  
176 75.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

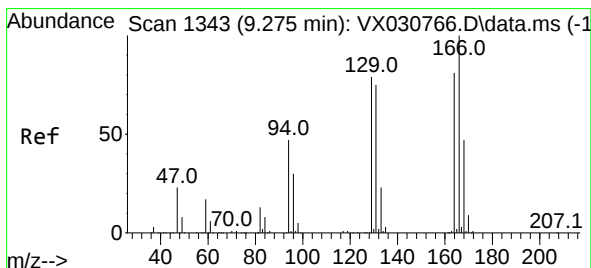
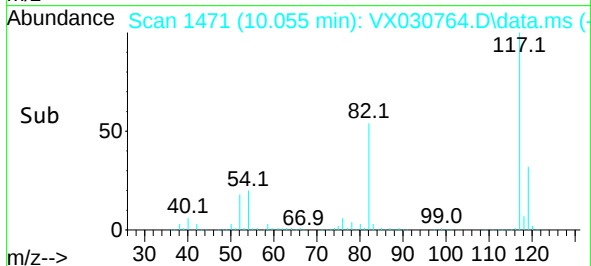
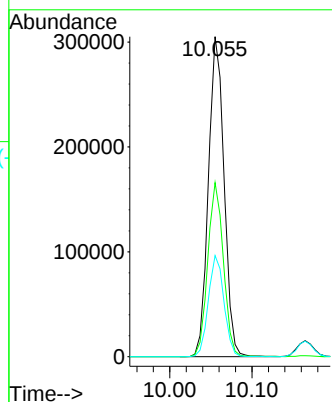
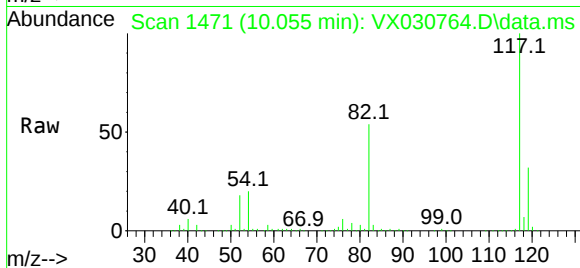
Tgt Ion:117 Resp: 403403

Ion Ratio Lower Upper

117 100

82 54.4 42.7 64.1

119 31.6 25.4 38.2



#64

Tetrachloroethene

Concen: 9.269 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Tgt Ion:164 Resp: 29302

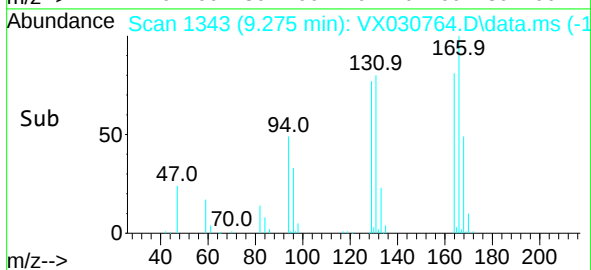
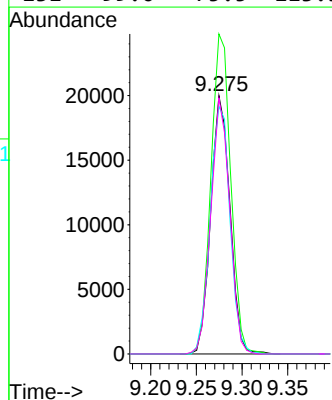
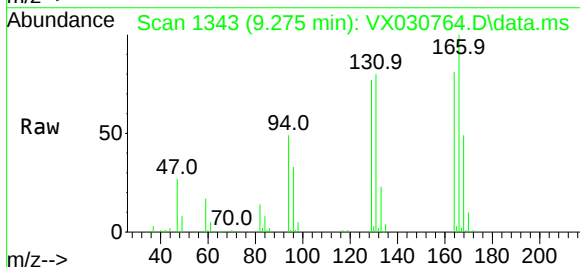
Ion Ratio Lower Upper

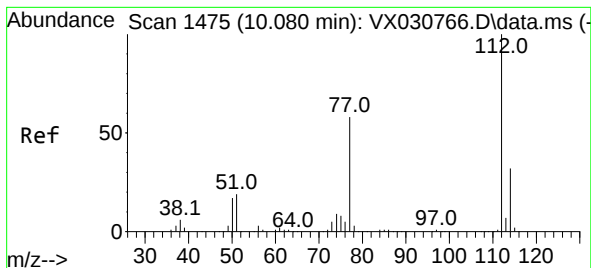
164 100

166 123.8 98.2 147.4

129 95.8 80.8 121.2

131 99.0 75.5 113.3





#65

Chlorobenzene

Concen: 9.559 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

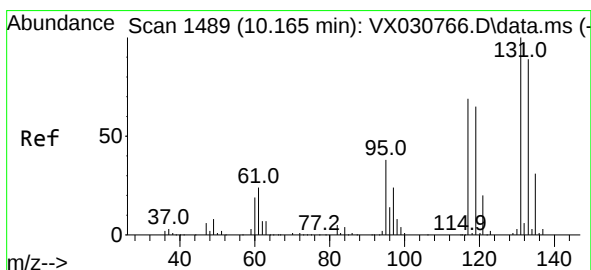
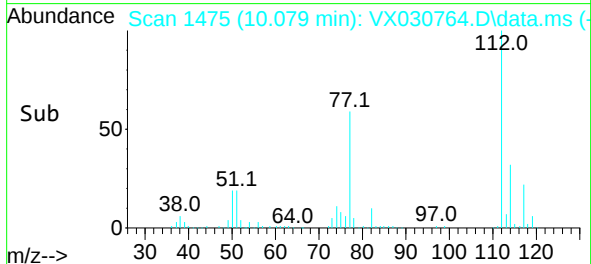
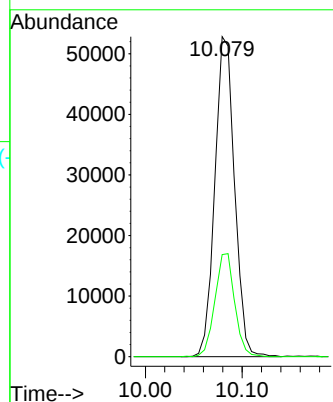
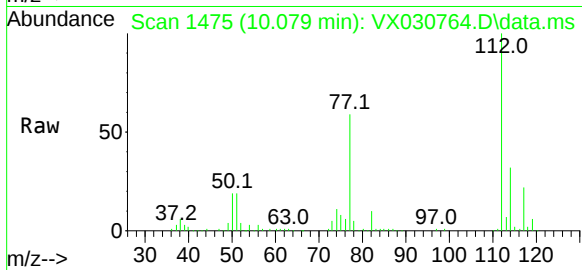
VSTDIC010

Tgt Ion:112 Resp: 74802

Ion Ratio Lower Upper

112 100

114 31.9 24.6 36.8



#66

1,1,1,2-Tetrachloroethane

Concen: 10.647 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

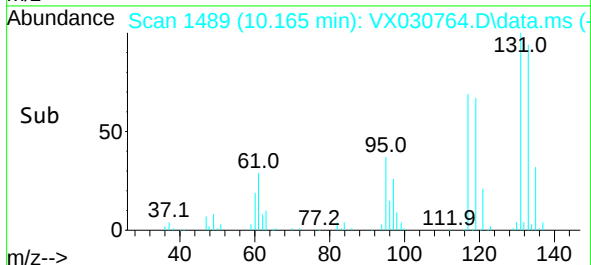
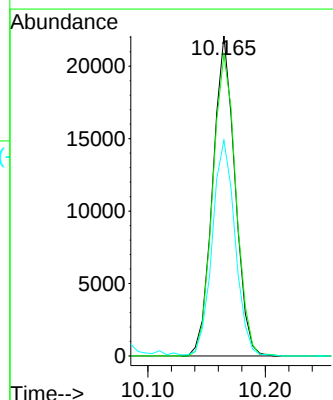
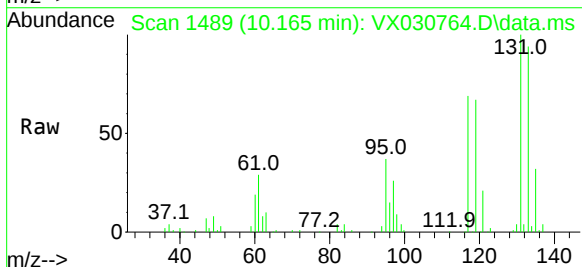
Tgt Ion:131 Resp: 29006

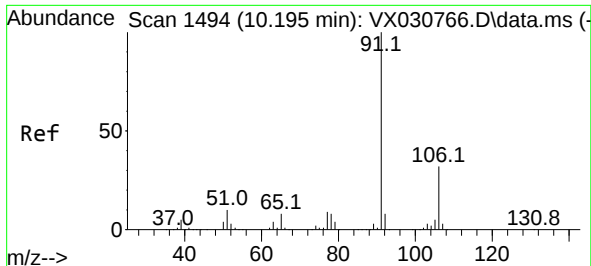
Ion Ratio Lower Upper

131 100

133 98.4 46.9 140.8

119 69.3 34.4 103.1





#67

Ethyl Benzene

Concen: 9.929 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

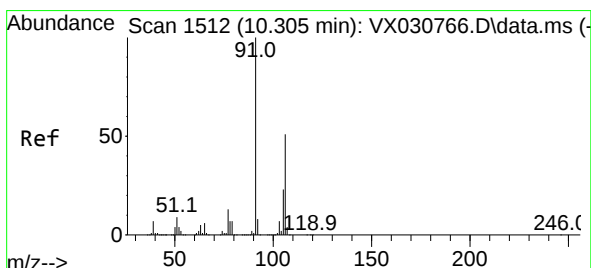
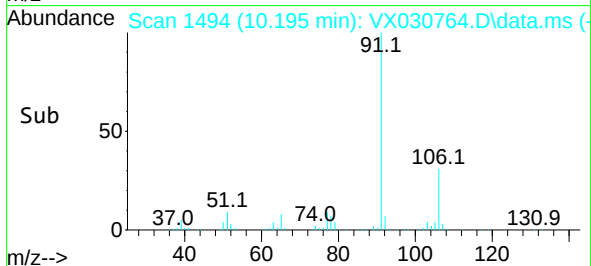
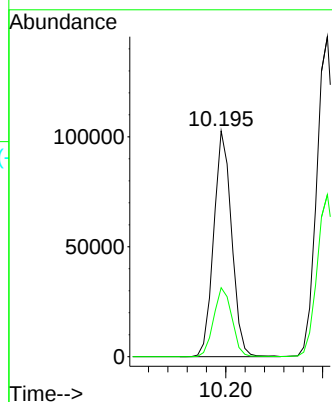
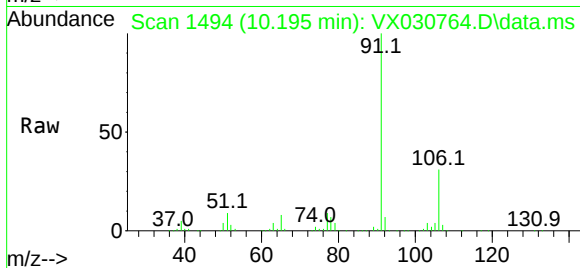
VSTDIC010

Tgt Ion: 91 Resp: 131756

Ion Ratio Lower Upper

91 100

106 30.5 25.5 38.3



#68

m/p-Xylenes

Concen: 19.254 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX030764.D

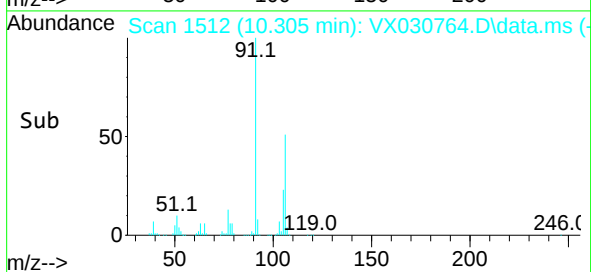
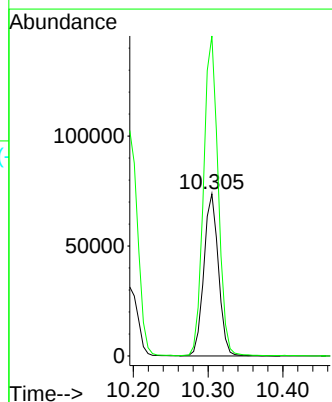
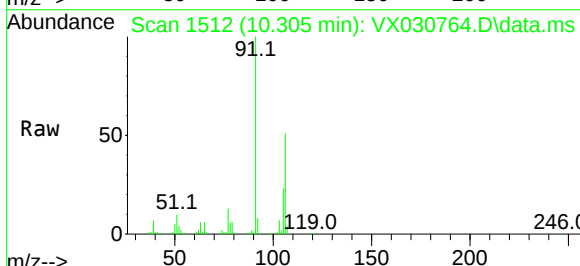
Acq: 25 Aug 2022 10:43

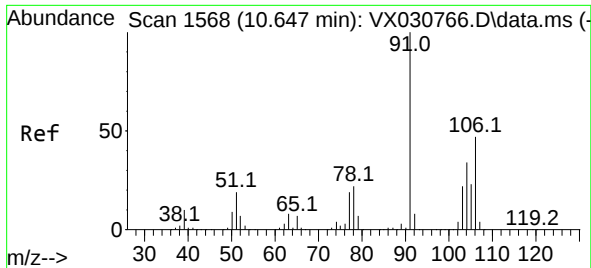
Tgt Ion: 106 Resp: 100026

Ion Ratio Lower Upper

106 100

91 197.2 158.2 237.4

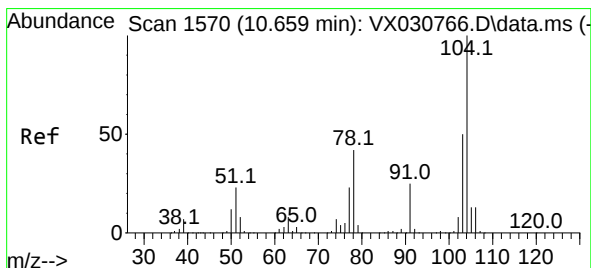
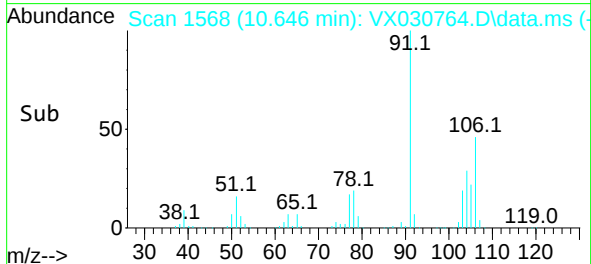
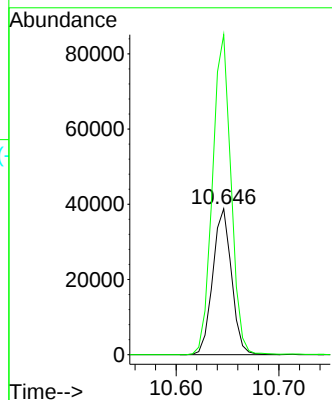
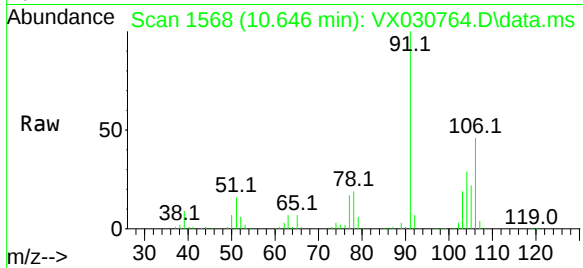




#69  
o-Xylene  
Concen: 9.448 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

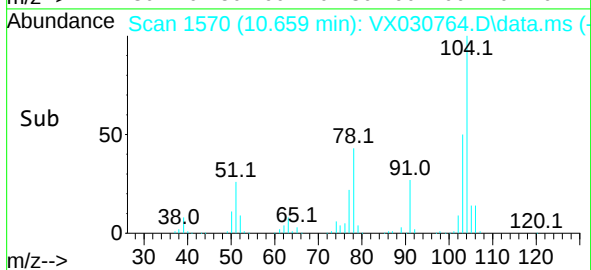
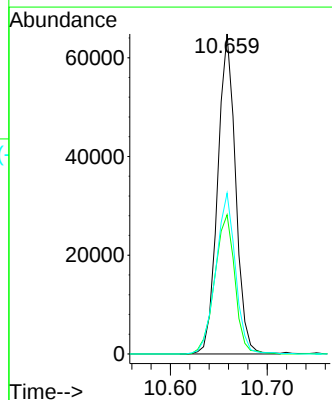
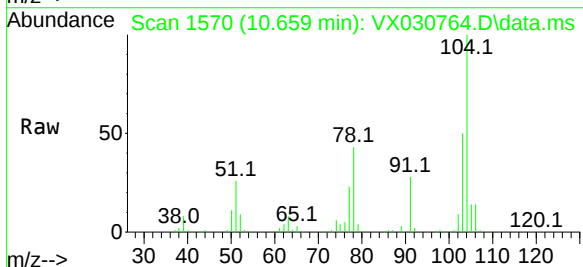
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010

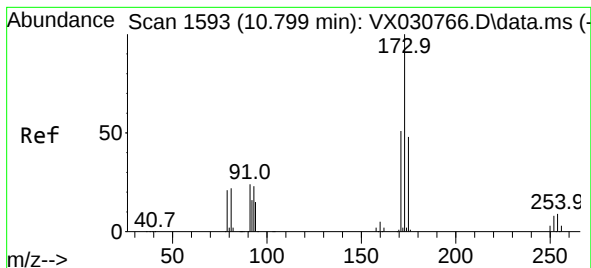
Tgt Ion:106 Resp: 49117  
Ion Ratio Lower Upper  
106 100  
91 216.8 103.8 311.6



#70  
Styrene  
Concen: 9.611 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion:104 Resp: 83471  
Ion Ratio Lower Upper  
104 100  
78 49.0 37.8 56.8  
103 55.2 44.5 66.7





#71

Bromoform

Concen: 10.729 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

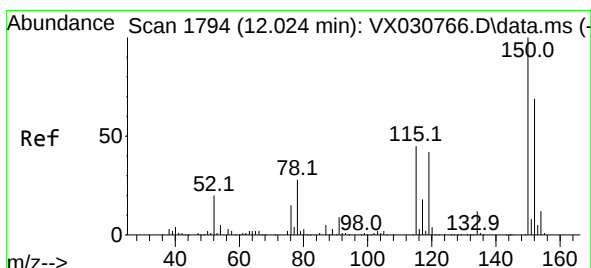
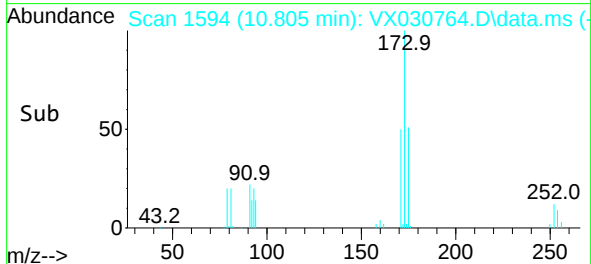
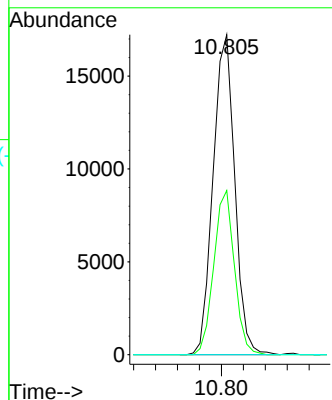
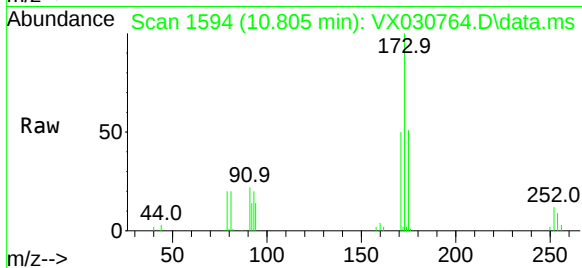
Tgt Ion:173 Resp: 23614

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.2

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: VX030764.D

Acq: 25 Aug 2022 10:43

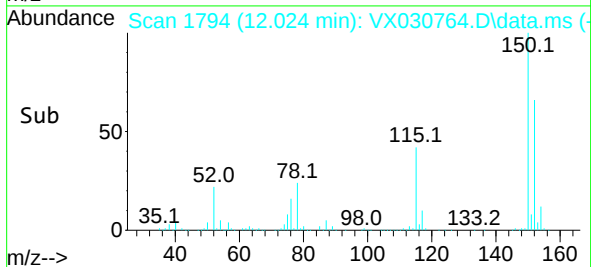
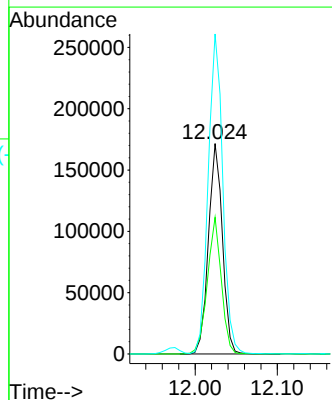
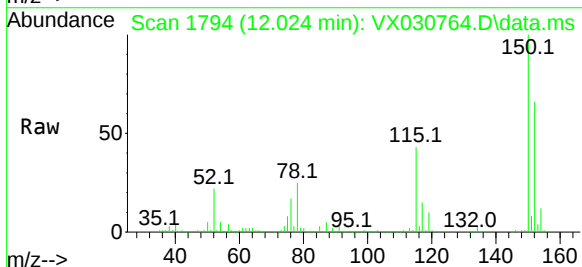
Tgt Ion:152 Resp: 202509

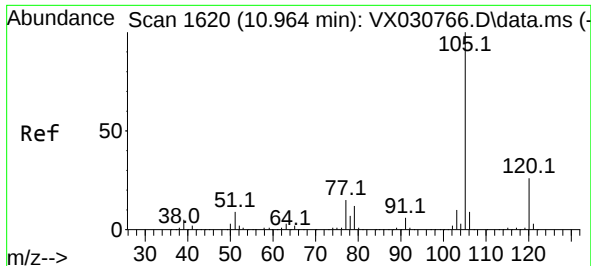
Ion Ratio Lower Upper

152 100

115 65.1 40.5 121.5

150 158.4 0.0 347.0

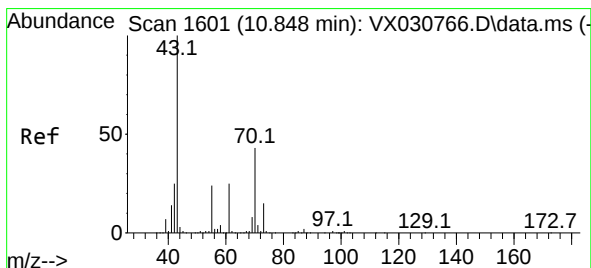
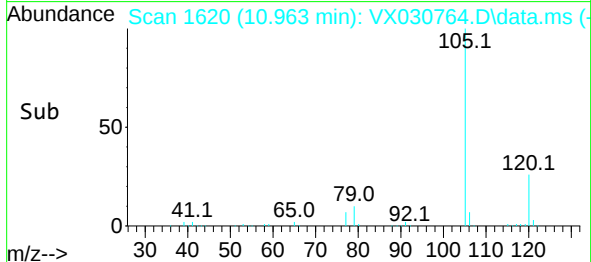
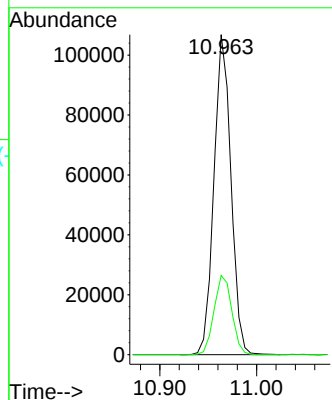
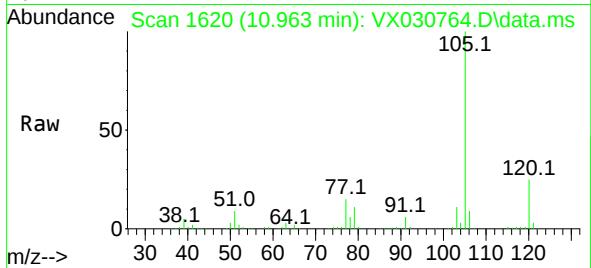




#73  
Isopropylbenzene  
Concen: 9.542 ug/l  
RT: 10.963 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

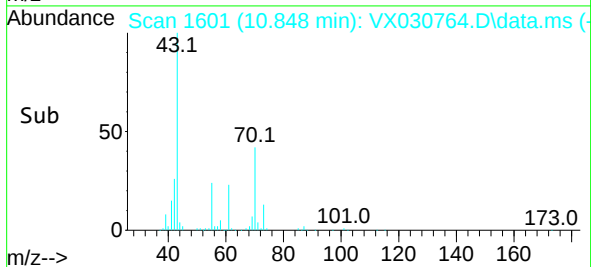
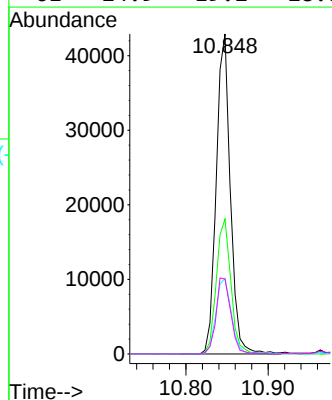
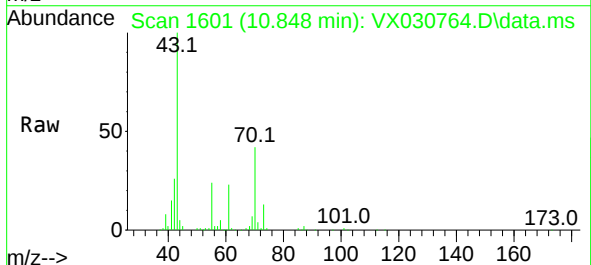
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

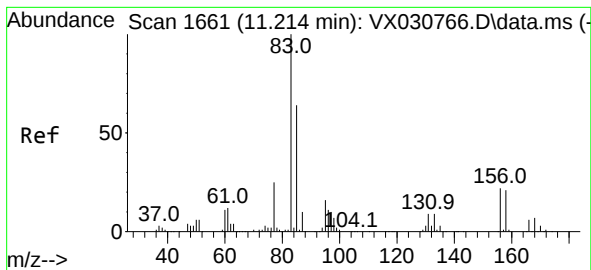
Tgt Ion:105 Resp: 130404  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.5 40.4



#74  
N-ethyl acetate  
Concen: 8.665 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 43 Resp: 51141  
Ion Ratio Lower Upper  
43 100  
70 43.5 32.3 48.5  
55 26.0 18.4 27.6  
61 24.9 19.2 28.8

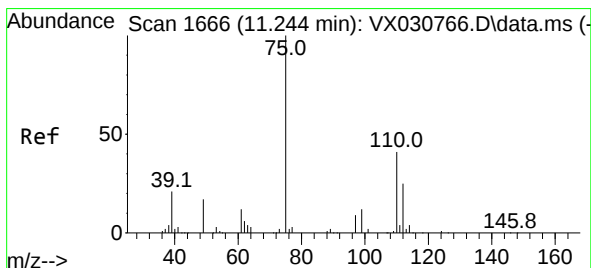
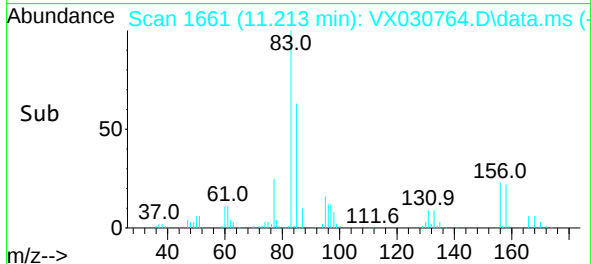
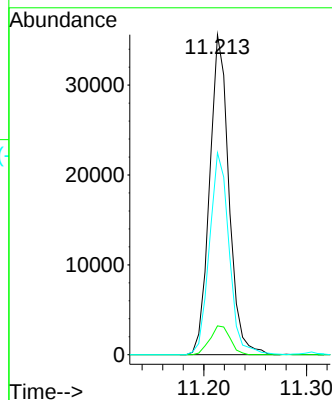
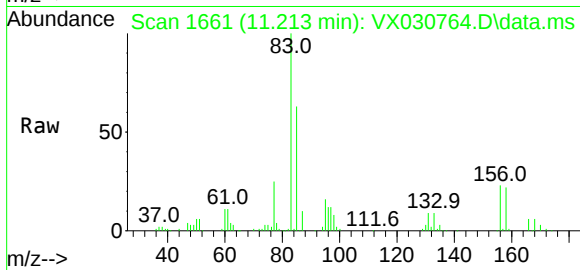




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 9.458 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. -0.000 min  
 Lab File: VX030764.D  
 Acq: 25 Aug 2022 10:43

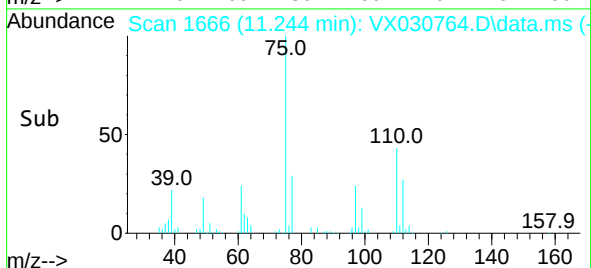
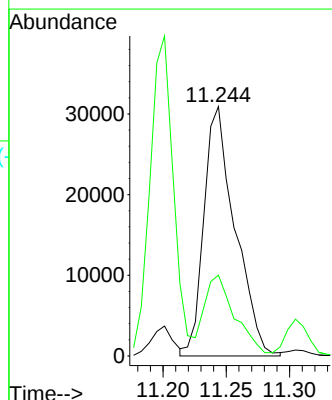
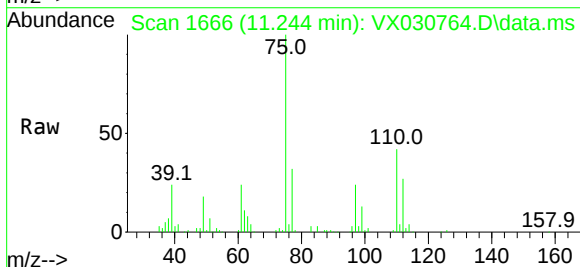
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC010

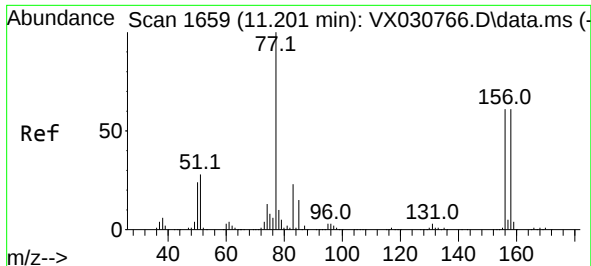
Tgt Ion: 83 Resp: 46531  
 Ion Ratio Lower Upper  
 83 100  
 131 9.4 4.5 13.7  
 85 64.3 32.5 97.5



#76  
 1,2,3-Trichloropropane  
 Concen: 11.509 ug/l  
 RT: 11.244 min Scan# 1666  
 Delta R.T. -0.000 min  
 Lab File: VX030764.D  
 Acq: 25 Aug 2022 10:43

Tgt Ion: 75 Resp: 53123  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 19.8 59.3

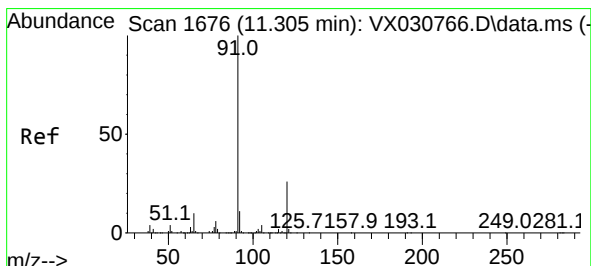
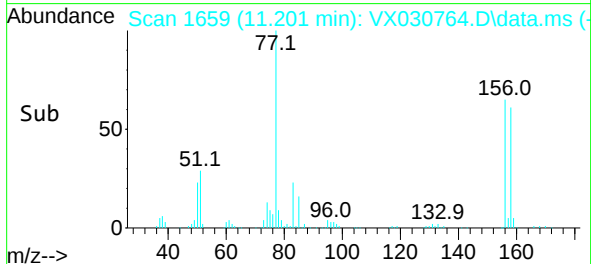
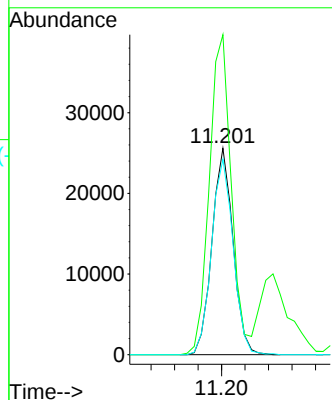
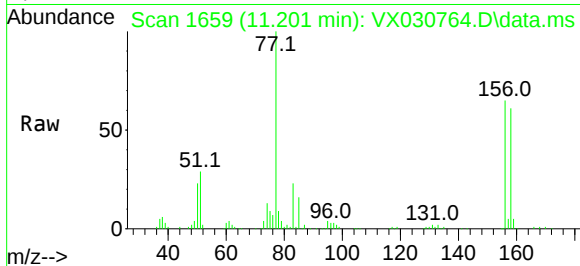




#77  
Bromobenzene  
Concen: 9.325 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

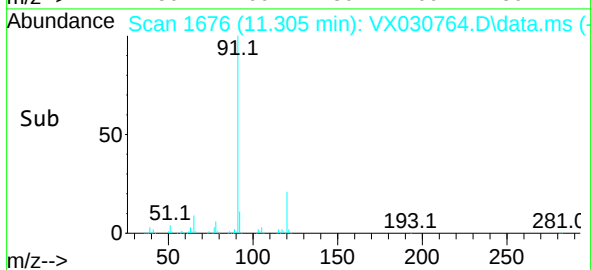
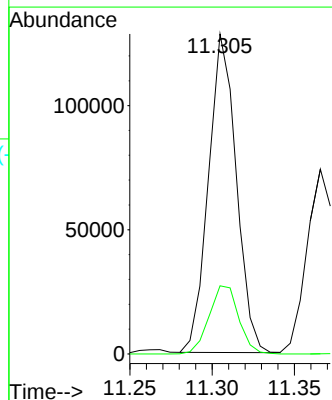
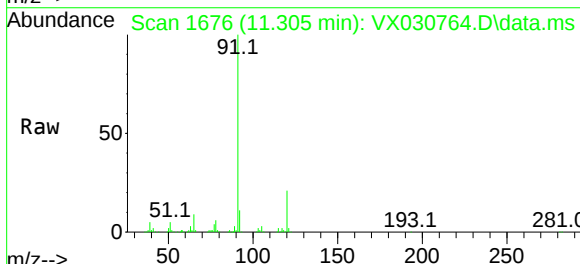
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

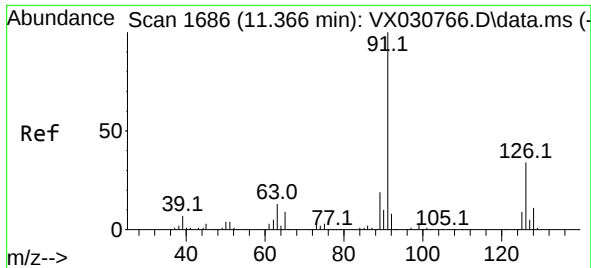
Tgt Ion:156 Resp: 31888  
Ion Ratio Lower Upper  
156 100  
77 161.5 82.7 247.9  
158 97.3 47.5 142.5



#78  
n-propylbenzene  
Concen: 9.318 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 91 Resp: 150601  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.6 34.8

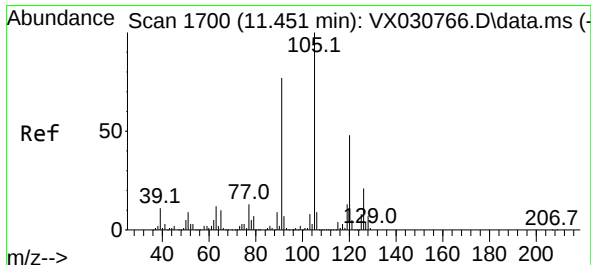
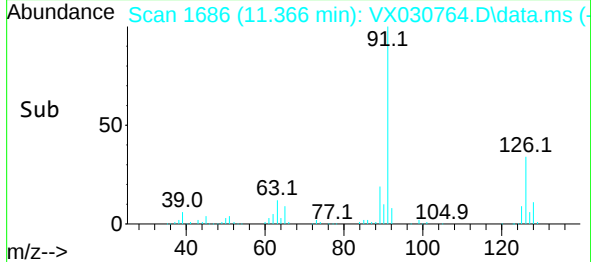
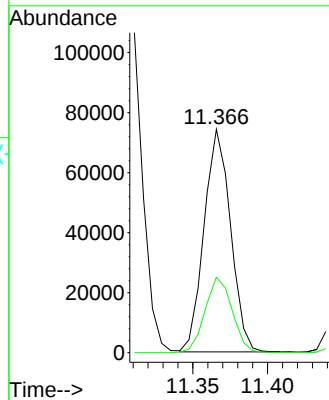
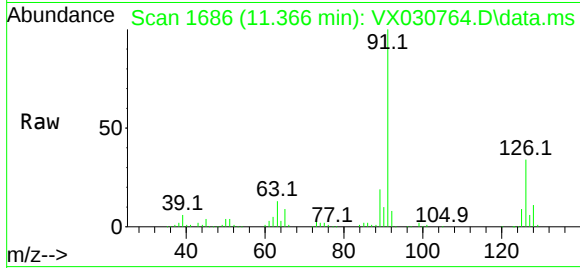




#79  
2-Chlorotoluene  
Concen: 9.410 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

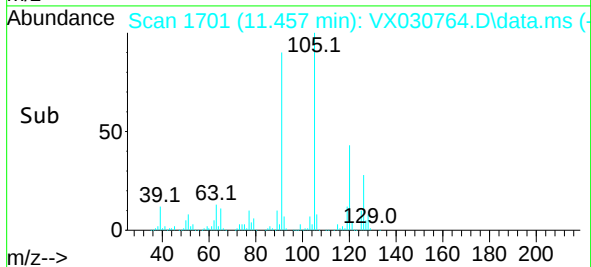
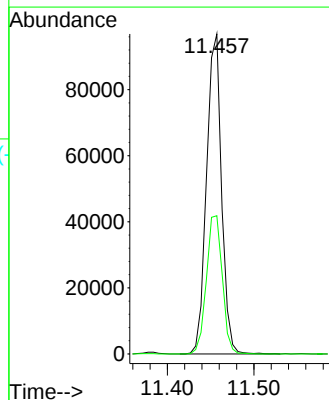
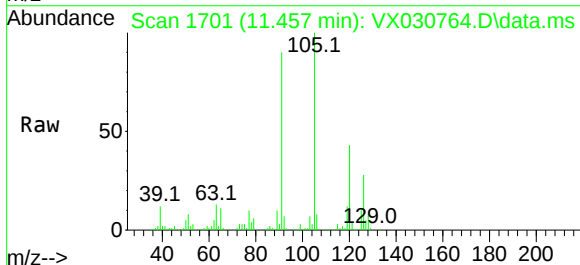
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

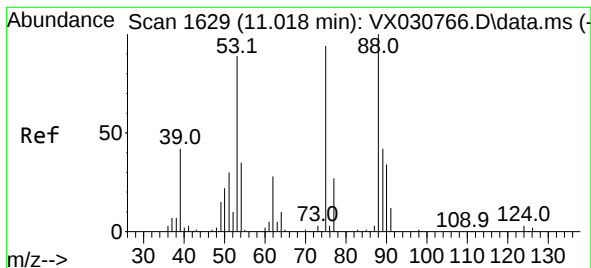
Tgt Ion: 91 Resp: 91407  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 10.086 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 105 Resp: 116359  
Ion Ratio Lower Upper  
105 100  
120 45.9 24.4 73.2

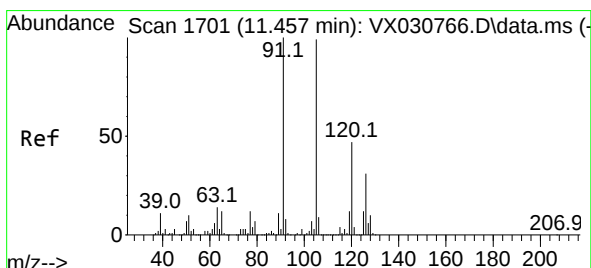
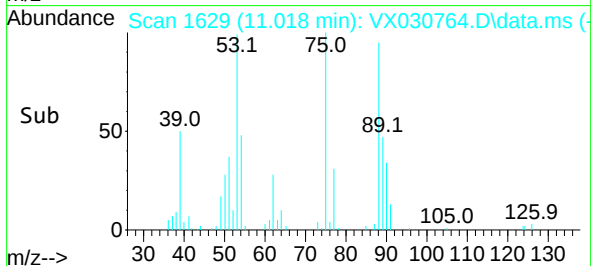
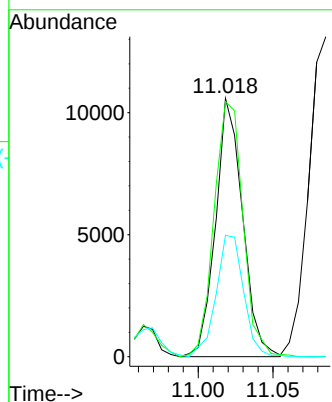
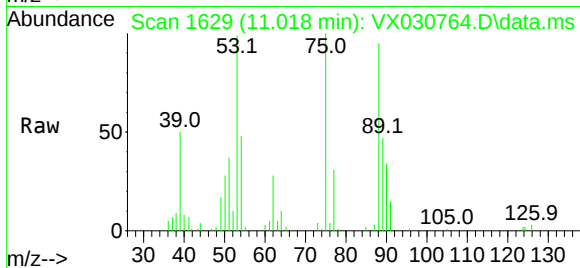




#81  
trans-1,4-Dichloro-2-butene  
Concen: 8.627 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

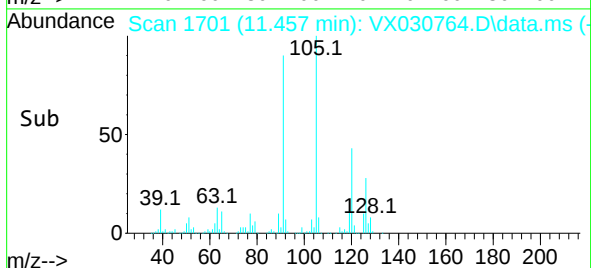
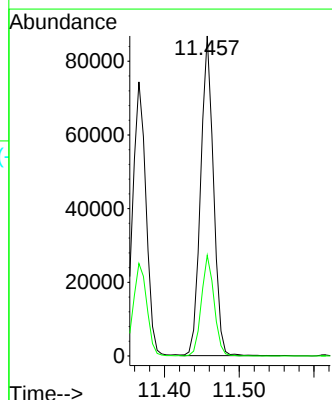
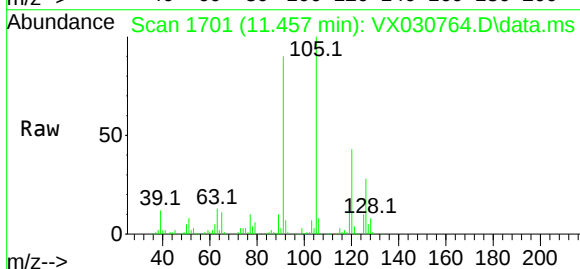
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

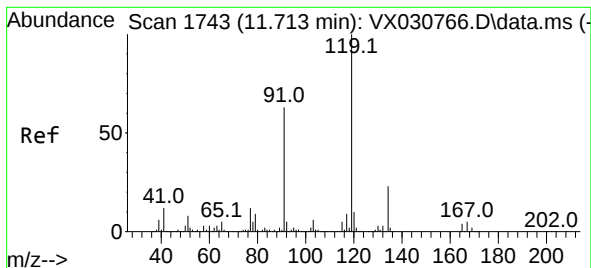
Tgt Ion: 75 Resp: 13257  
Ion Ratio Lower Upper  
75 100  
53 105.8 74.2 111.4  
89 48.0 34.8 52.2



#82  
4-Chlorotoluene  
Concen: 9.457 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 91 Resp: 103264  
Ion Ratio Lower Upper  
91 100  
126 31.1 15.3 45.9





#83

tert-Butylbenzene

Concen: 9.494 ug/l

RT: 11.719 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

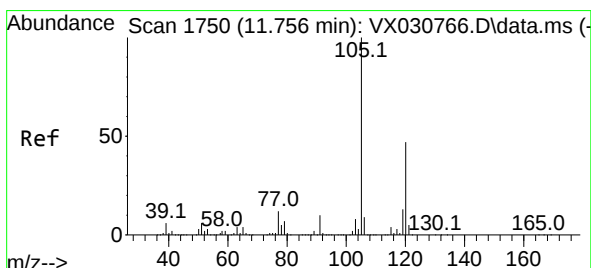
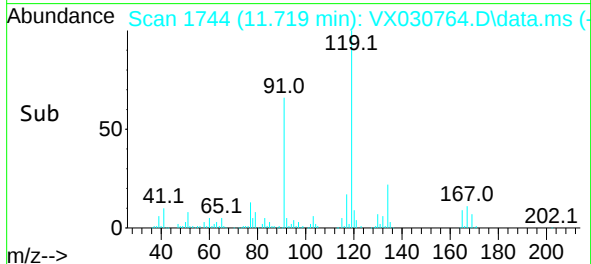
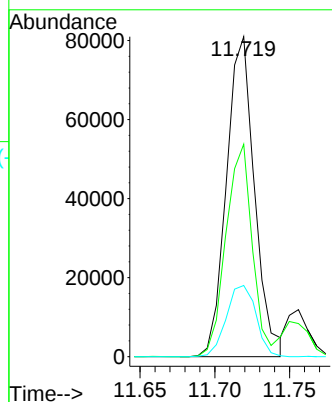
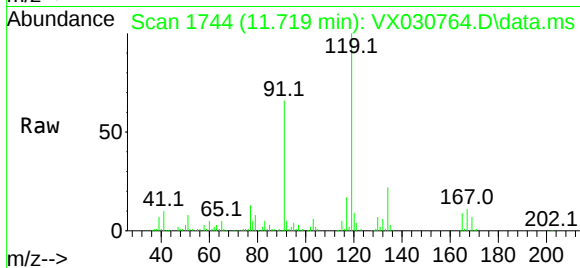
Tgt Ion:119 Resp: 105820

Ion Ratio Lower Upper

119 100

91 62.0 28.3 84.9

134 23.5 11.2 33.5



#84

1,2,4-Trimethylbenzene

Concen: 9.551 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX030764.D

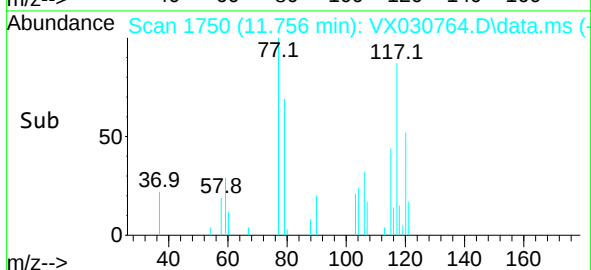
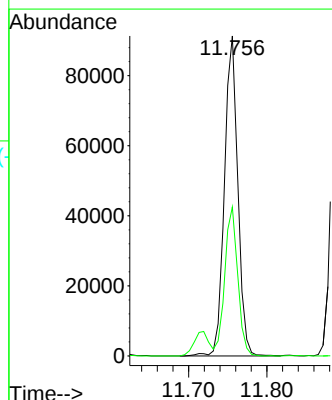
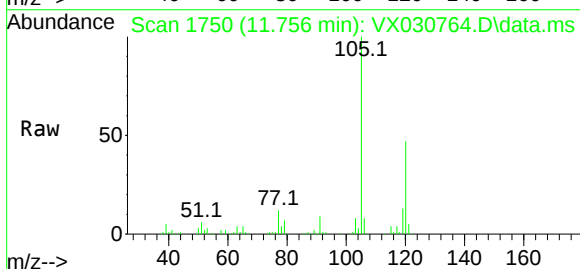
Acq: 25 Aug 2022 10:43

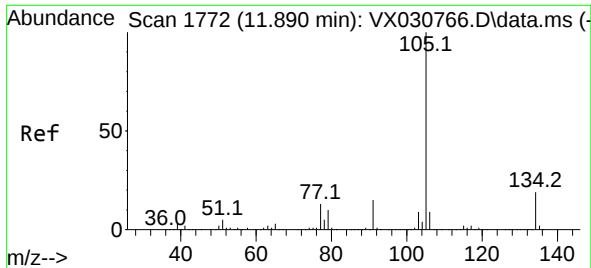
Tgt Ion:105 Resp: 108831

Ion Ratio Lower Upper

105 100

120 45.1 22.9 68.8

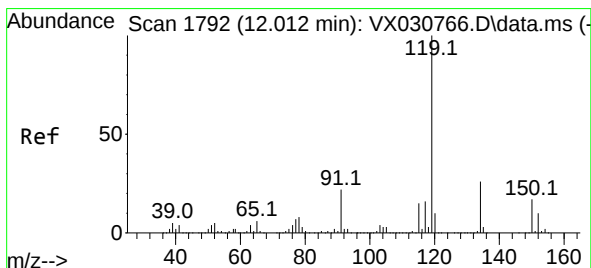
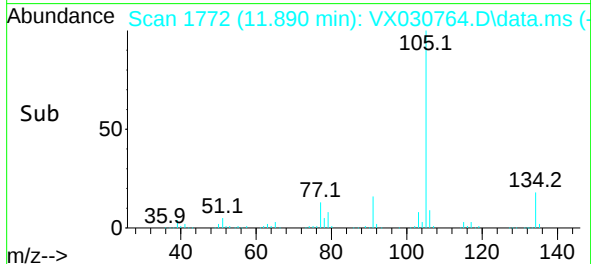
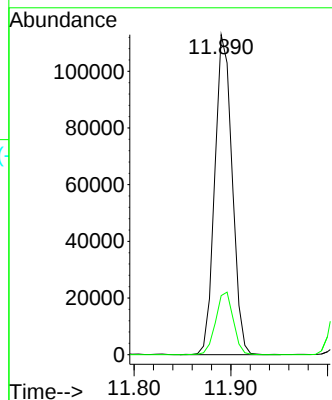
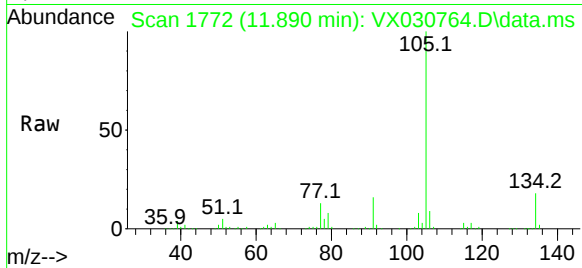




#85  
 sec-Butylbenzene  
 Concen: 9.620 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX030764.D  
 Acq: 25 Aug 2022 10:43

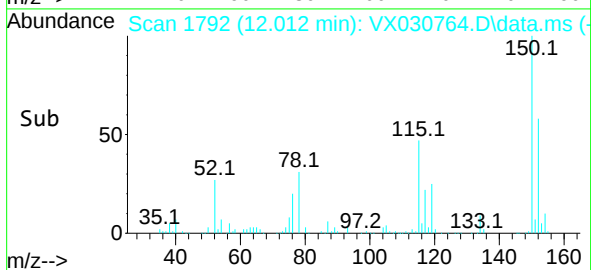
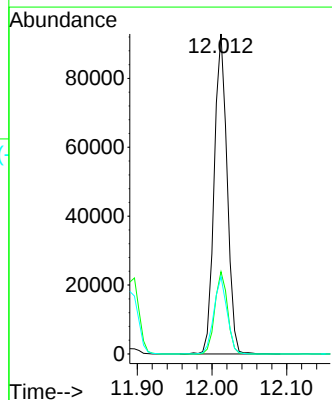
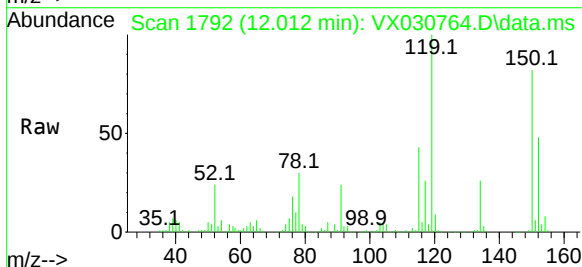
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC010

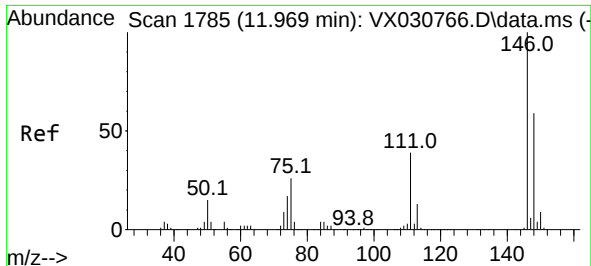
Tgt Ion:105 Resp: 141111  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 9.441 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX030764.D  
 Acq: 25 Aug 2022 10:43

Tgt Ion:119 Resp: 111226  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 13.9 41.6  
 91 24.8 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 9.518 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

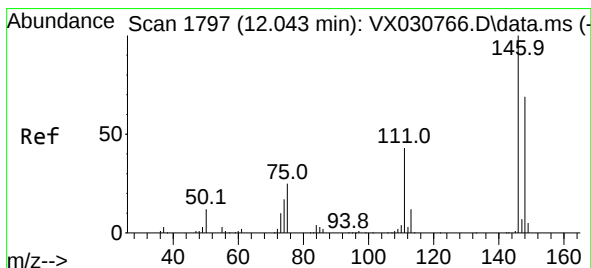
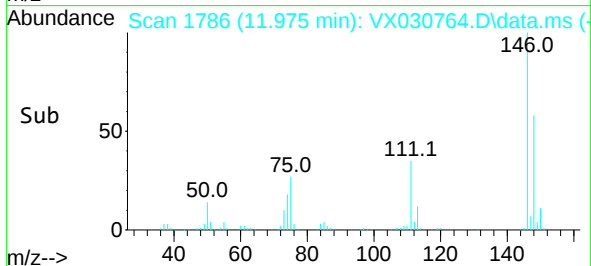
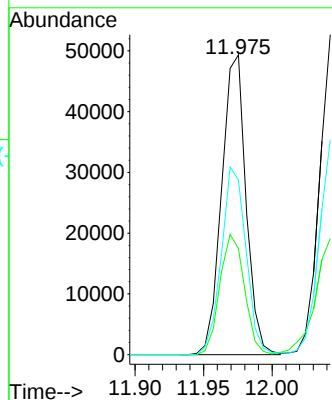
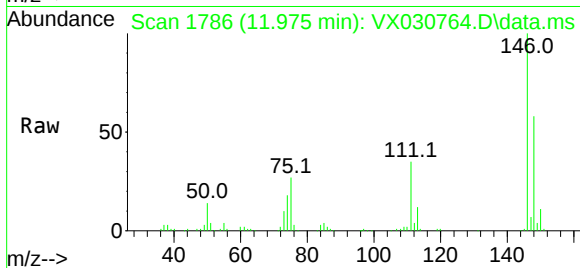
Tgt Ion:146 Resp: 60967

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 9.457 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

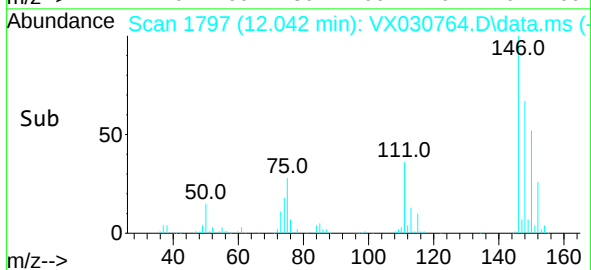
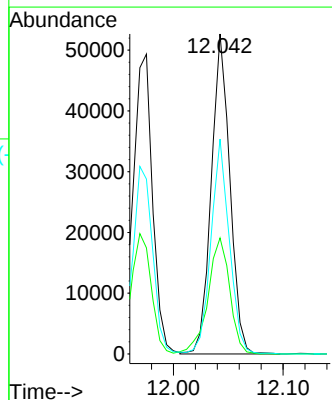
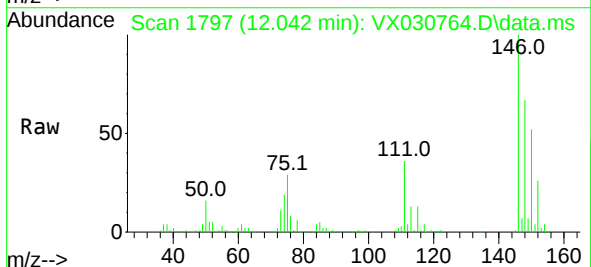
Tgt Ion:146 Resp: 62050

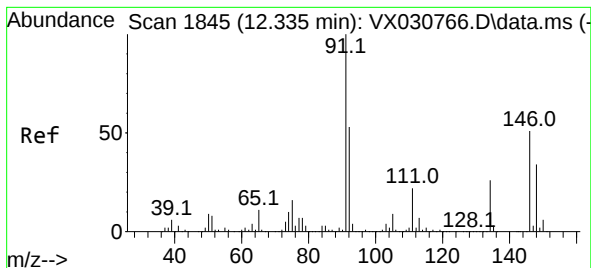
Ion Ratio Lower Upper

146 100

111 42.6 20.3 60.9

148 66.3 32.3 96.8





#89

n-Butylbenzene

Concen: 9.702 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

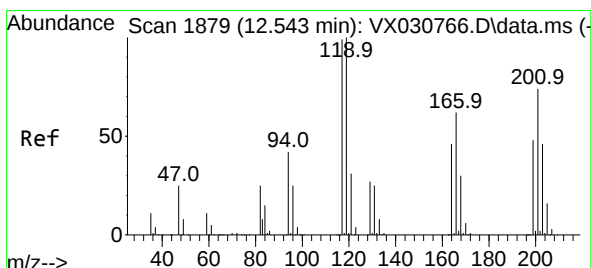
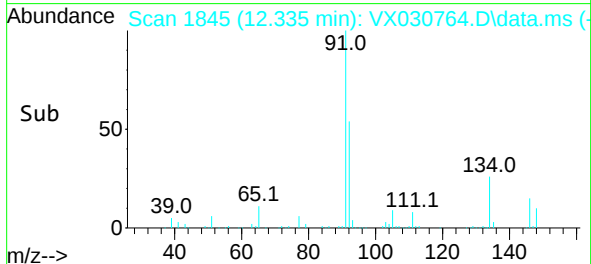
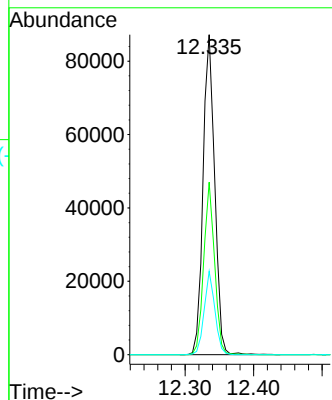
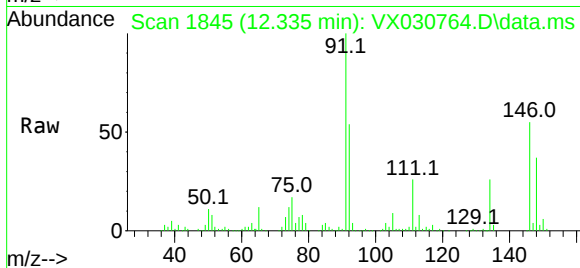
Tgt Ion: 91 Resp: 103211

Ion Ratio Lower Upper

91 100

92 50.5 26.2 78.5

134 24.0 12.6 37.8



#90

Hexachloroethane

Concen: 10.804 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VX030764.D

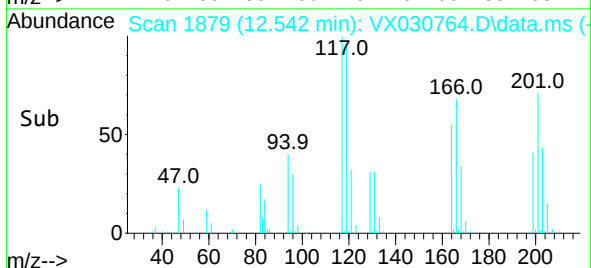
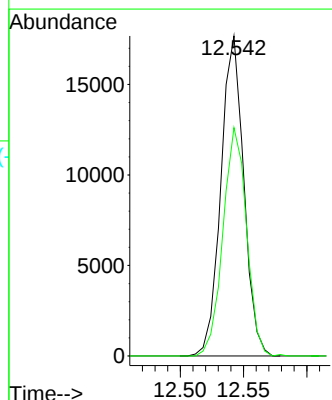
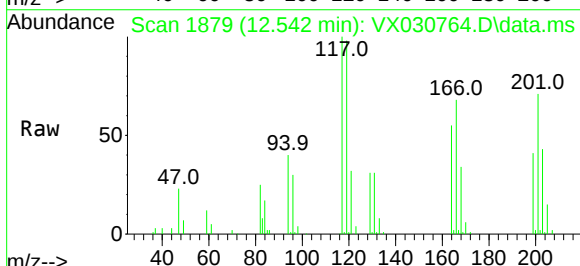
Acq: 25 Aug 2022 10:43

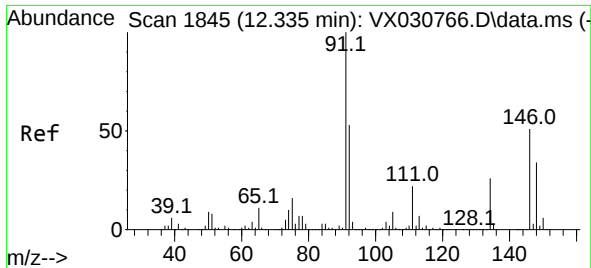
Tgt Ion: 117 Resp: 22191

Ion Ratio Lower Upper

117 100

201 73.4 34.2 102.5

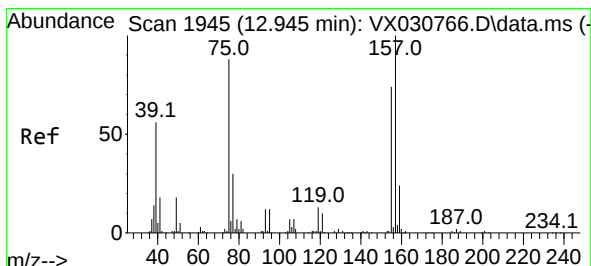
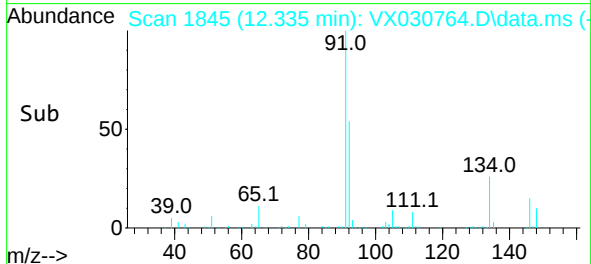
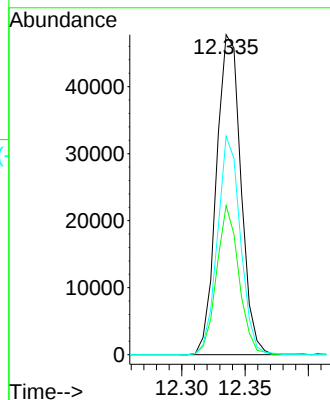
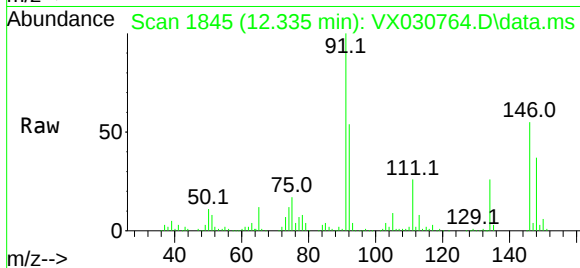




#91  
1,2-Dichlorobenzene  
Concen: 9.794 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

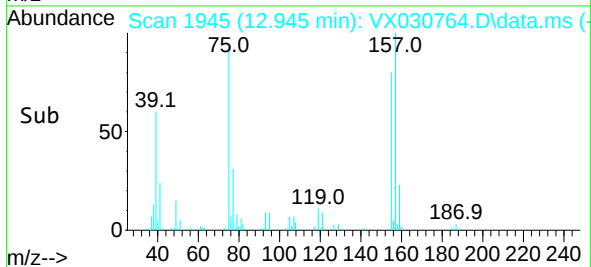
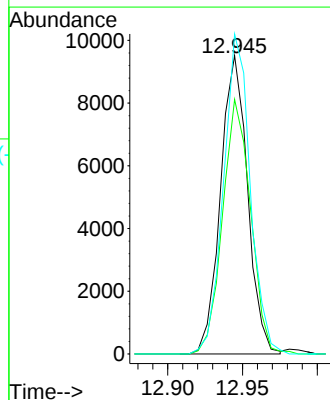
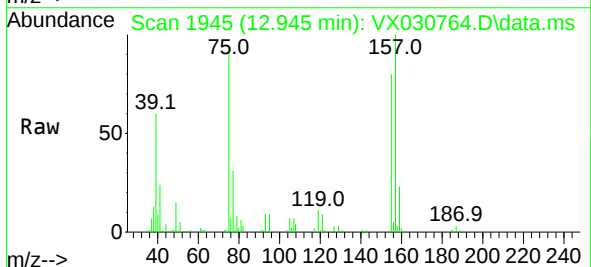
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

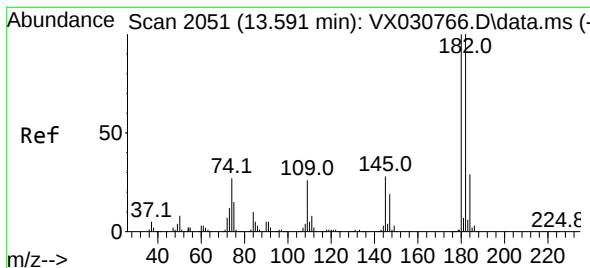
Tgt Ion:146 Resp: 64024  
Ion Ratio Lower Upper  
146 100  
111 42.5 20.7 62.1  
148 64.1 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 10.457 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Tgt Ion: 75 Resp: 11949  
Ion Ratio Lower Upper  
75 100  
155 88.5 45.0 134.8  
157 106.1 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 9.585 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

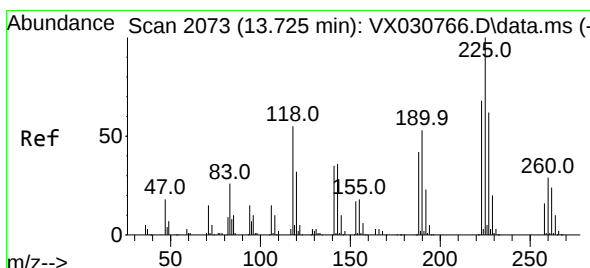
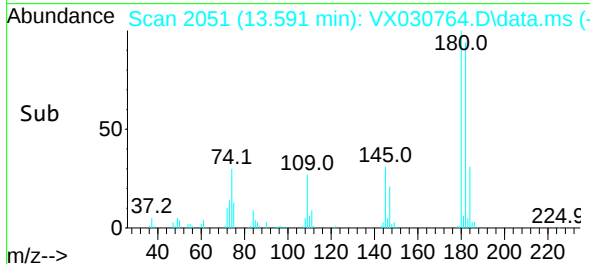
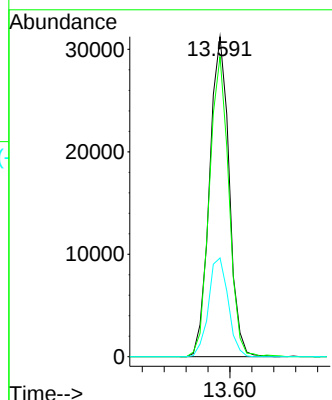
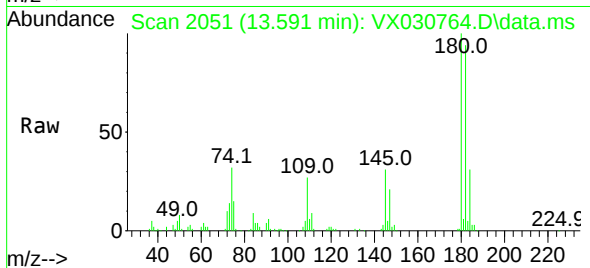
Tgt Ion:180 Resp: 38752

Ion Ratio Lower Upper

180 100

182 92.6 48.2 144.6

145 30.9 15.9 47.6



#94

Hexachlorobutadiene

Concen: 10.689 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX030764.D

Acq: 25 Aug 2022 10:43

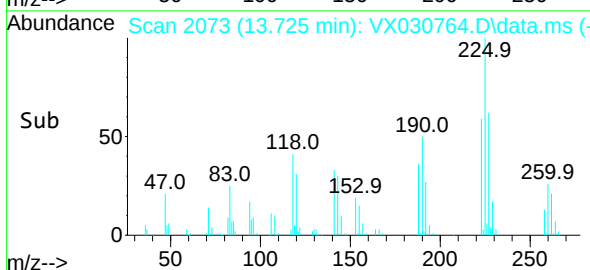
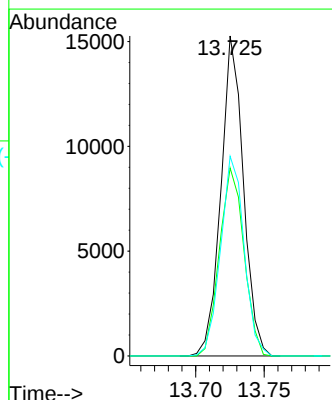
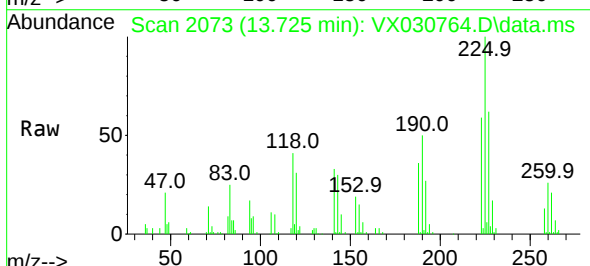
Tgt Ion:225 Resp: 17403

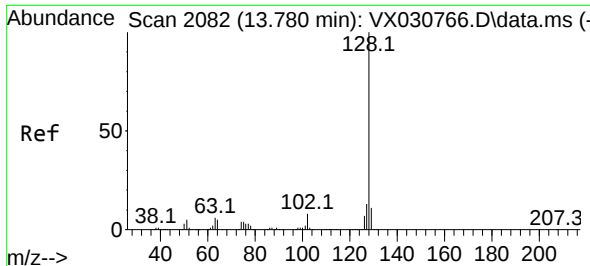
Ion Ratio Lower Upper

225 100

223 64.0 30.6 91.6

227 65.2 31.9 95.9

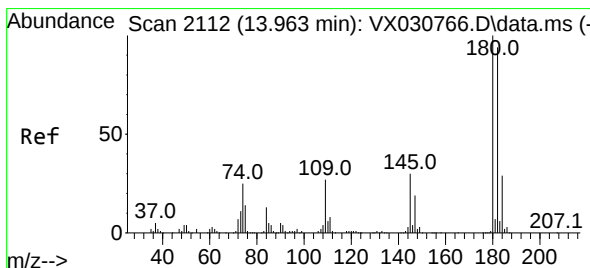
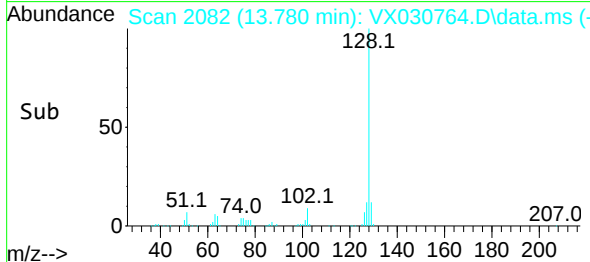
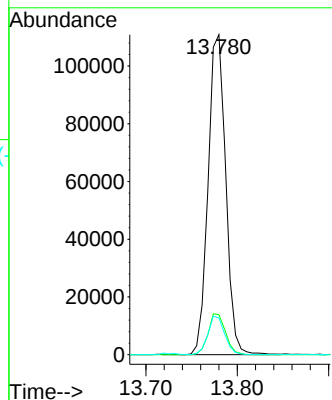
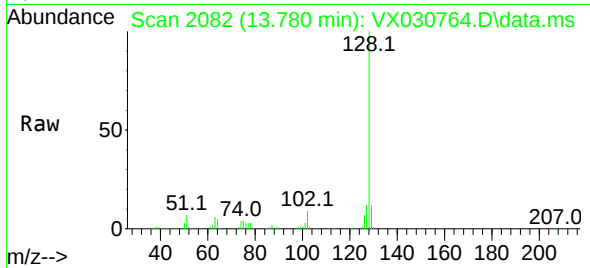




#95  
Naphthalene  
Concen: 9.368 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 148328 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.5  | 10.2  | 15.2   |
| 129       | 11.5  | 8.6   | 13.0   |



#96  
1,2,3-Trichlorobenzene  
Concen: 10.457 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX030764.D  
Acq: 25 Aug 2022 10:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 43350 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 91.8  | 47.0  | 141.0 |
| 145       | 31.1  | 17.0  | 50.9  |

