

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062822\  
 Data File : VX029831.D  
 Acq On : 28 Jun 2022 15:39  
 Operator : JC/MD  
 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC010

Quant Time: Jun 29 05:30:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 05:28:22 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 217134   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 385989   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 337681   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 155559   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 24158    | 7.332    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 14.660%# |
| 35) Dibromofluoromethane    | 5.385  | 113   | 21428    | 8.607    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 17.220%# |
| 50) Toluene-d8              | 8.653  | 98    | 80572    | 8.319    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 16.640%# |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 27804    | 7.889    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 15.780%# |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 22732  | 8.713  | ug/l   | 99  |
| 3) Chloromethane             | 1.288 | 50  | 25969  | 8.803  | ug/l   | 91  |
| 4) Vinyl Chloride            | 1.374 | 62  | 25208  | 8.194  | ug/l   | 97  |
| 5) Bromomethane              | 1.611 | 94  | 13748  | 15.327 | ug/l   | 96  |
| 6) Chloroethane              | 1.691 | 64  | 15478  | 9.207  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 30842  | 8.644  | ug/l   | 97  |
| 8) Diethyl Ether             | 2.136 | 74  | 14258  | 8.468  | ug/l   | 93  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 20992  | 8.316  | ug/l   | 98  |
| 10) Methyl Iodide            | 2.453 | 142 | 24082  | 8.207  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 2.983 | 59  | 37653  | 39.581 | ug/l   | 96  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 22006  | 8.495  | ug/l   | 95  |
| 13) Acrolein                 | 2.239 | 56  | 15891  | 28.882 | ug/l   | 98  |
| 14) Allyl chloride           | 2.666 | 41  | 39505  | 8.365  | ug/l   | 98  |
| 15) Acrylonitrile            | 3.069 | 53  | 80958  | 41.621 | ug/l   | 100 |
| 16) Acetone                  | 2.392 | 43  | 63990  | 40.486 | ug/l   | 100 |
| 17) Carbon Disulfide         | 2.514 | 76  | 54170  | 8.202  | ug/l   | 97  |
| 18) Methyl Acetate           | 2.709 | 43  | 38993  | 8.174  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 71314  | 7.935  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.794 | 84  | 26989  | 8.300  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 23787  | 8.574  | ug/l   | 98  |
| 22) Diisopropyl ether        | 3.764 | 45  | 80384  | 8.272  | ug/l   | 98  |
| 23) Vinyl Acetate            | 3.727 | 43  | 348382 | 42.166 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 42352  | 8.067  | ug/l   | 99  |
| 25) 2-Butanone               | 4.568 | 43  | 111757 | 41.645 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 4.483 | 77  | 27076  | 7.434  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.501 | 96  | 28568  | 8.401  | ug/l   | 96  |
| 28) Bromochloromethane       | 4.904 | 49  | 14999  | 7.107  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 5.019 | 42  | 74700  | 41.879 | ug/l   | 99  |
| 30) Chloroform               | 5.105 | 83  | 41952  | 8.189  | ug/l   | 96  |
| 31) Cyclohexane              | 5.471 | 56  | 38316  | 8.037  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 5.391 | 97  | 32489  | 8.207  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 31376  | 8.775  | ug/l   | 96  |
| 37) Ethyl Acetate            | 4.721 | 43  | 42530  | 9.487  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 26247  | 8.965  | ug/l   | 99  |
| 39) Methylcyclohexane        | 7.385 | 83  | 37646  | 8.701  | ug/l   | 98  |
| 40) Benzene                  | 6.044 | 78  | 100431 | 8.896  | ug/l   | 91  |

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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: Jun 29 05:30:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 05:28:22 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 22082    | 8.621   | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 30681    | 8.421   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 61939    | 9.024   | ug/l   | 98       |
| 44) Trichloroethene           | 7.129  | 130  | 25390    | 9.049   | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 7.440  | 63   | 26291    | 8.747   | ug/l   | 91       |
| 46) Dibromomethane            | 7.586  | 93   | 17447    | 9.039   | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.824  | 83   | 30103    | 8.766   | ug/l   | 95       |
| 48) Methyl methacrylate       | 7.696  | 41   | 29878    | 8.775   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 7.690  | 88   | 14071    | 171.719 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 210862   | 46.438  | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 59969    | 8.891   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 31096    | 8.397   | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 36427    | 8.457   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 25438    | 8.886   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 41099    | 8.885   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 42391    | 8.898   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 96025    | 43.521  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 163026   | 46.339  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.525  | 129  | 22331    | 9.135   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 25644    | 9.044   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 19304    | 9.846   | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 65089    | 9.151   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 21269    | 9.182   | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 113530   | 8.902   | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 87855    | 18.229  | ug/l   | 99       |
| 69) o-Xylene                  | 10.646 | 106  | 43873    | 9.141   | ug/l   | 100      |
| 70) Styrene                   | 10.659 | 104  | 70864    | 8.981   | ug/l   | 99       |
| 71) Bromoform                 | 10.805 | 173  | 14719    | 9.375   | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 109516   | 8.653   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 52747    | 8.553   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 42898    | 8.604   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 43923    | 10.137  | ug/l   | 85       |
| 77) Bromobenzene              | 11.201 | 156  | 25790    | 9.071   | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 127206   | 8.350   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 75731    | 8.216   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 90047    | 8.486   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 10077    | 7.135   | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 84640    | 8.083   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.719 | 119  | 88970    | 8.639   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 90265    | 8.448   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 109877   | 8.245   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 90277    | 8.565   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 48036    | 8.865   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 48582    | 8.840   | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.335 | 91   | 78622    | 7.984   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.542 | 117  | 13296    | 8.330   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 49365    | 9.123   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 8397     | 7.520   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 29057    | 9.252   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 10568    | 9.341   | ug/l   | 99       |
| 95) Naphthalene               | 13.780 | 128  | 119480   | 9.022   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 30881    | 9.698   | ug/l   | 98       |

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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: Jun 29 05:30:35 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 29 05:28:22 2022  
Response via : Initial Calibration

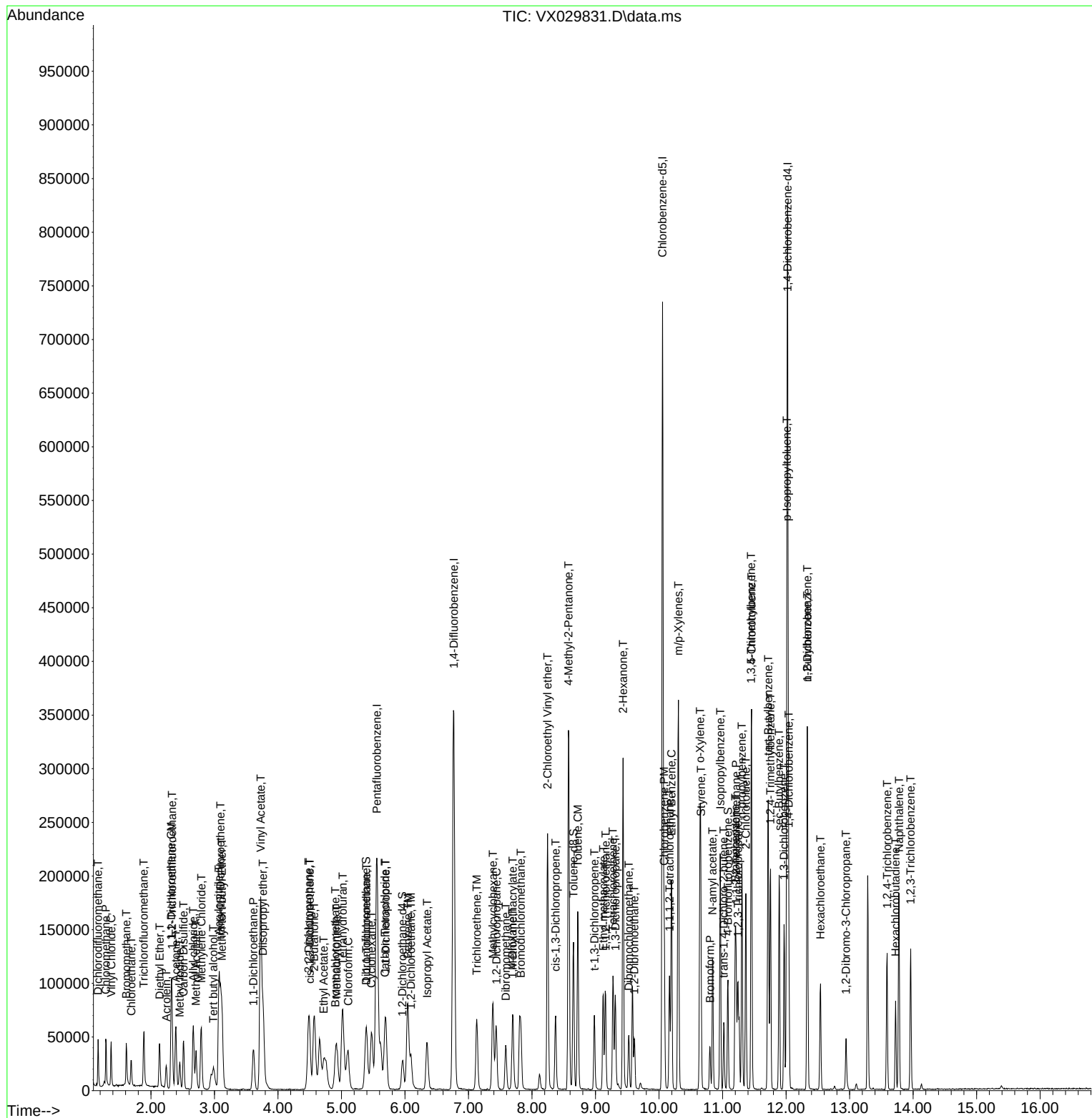
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

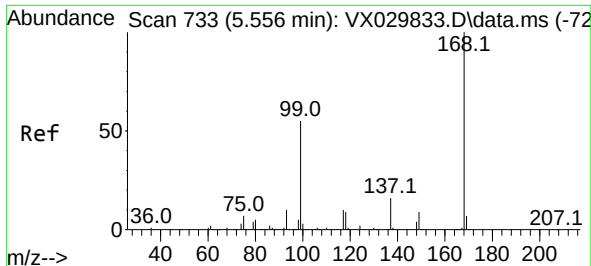
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 Sample : VSTDIC010  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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 QLast Update : Wed Jun 29 05:28:22 2022  
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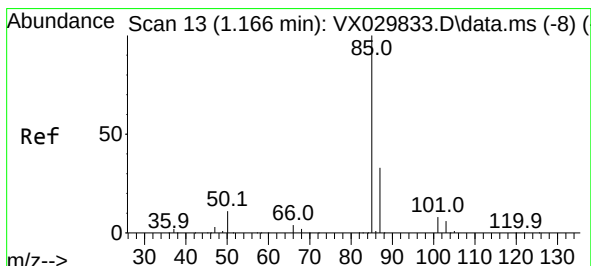
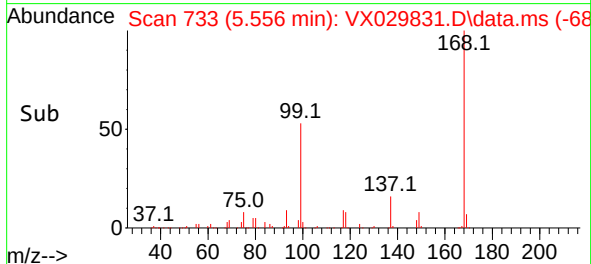
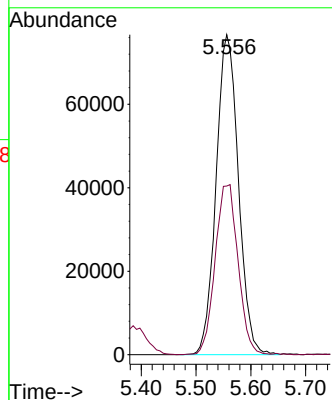
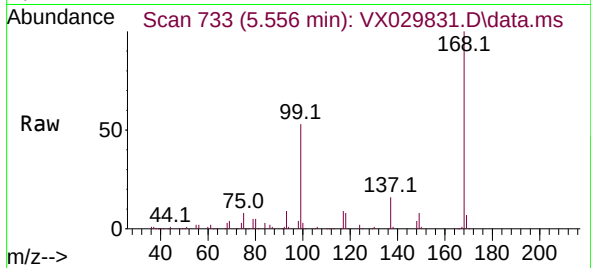




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

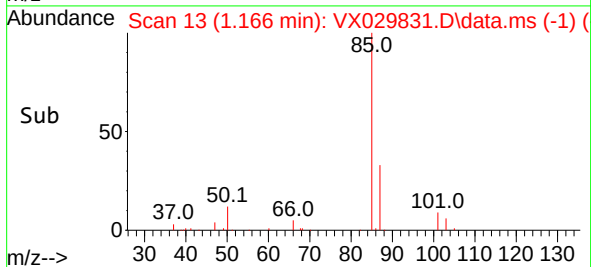
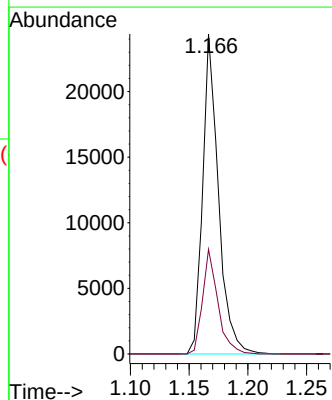
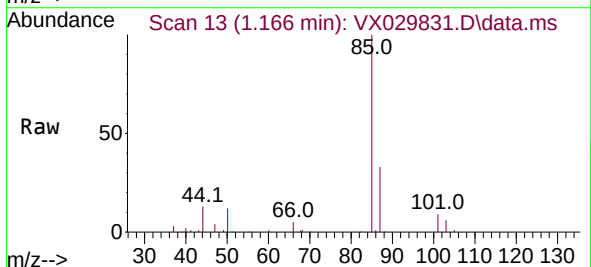
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

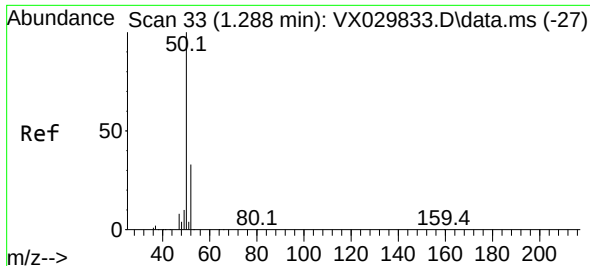
Tgt Ion:168 Resp: 217134  
Ion Ratio Lower Upper  
168 100  
99 52.6 44.0 66.0



#2  
Dichlorodifluoromethane  
Concen: 8.713 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 85 Resp: 22732  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.5 49.5

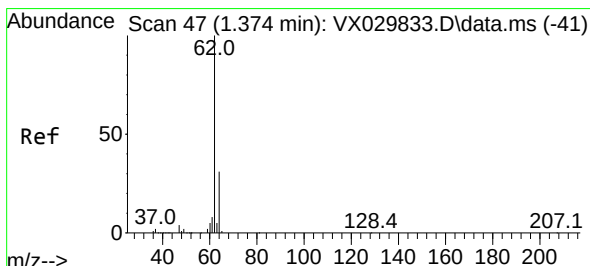
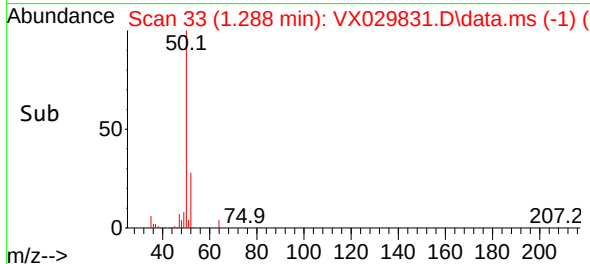
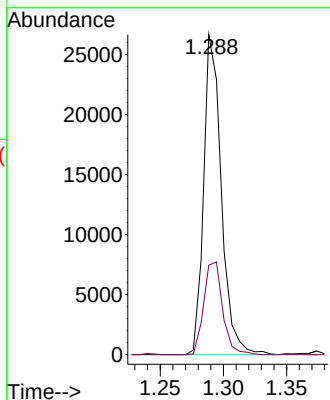
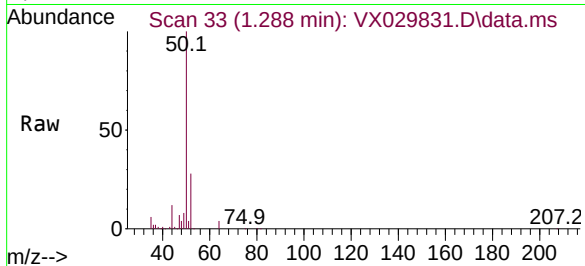




#3  
Chloromethane  
Concen: 8.803 ug/l  
RT: 1.288 min Scan# 33  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

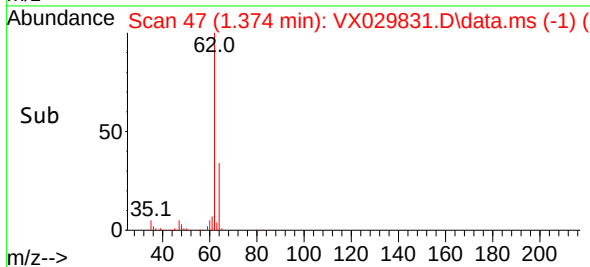
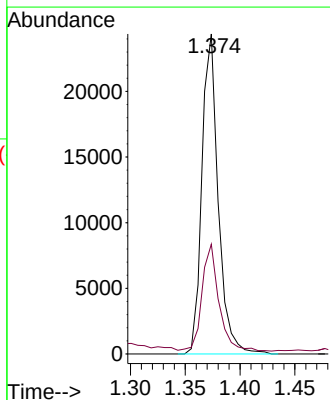
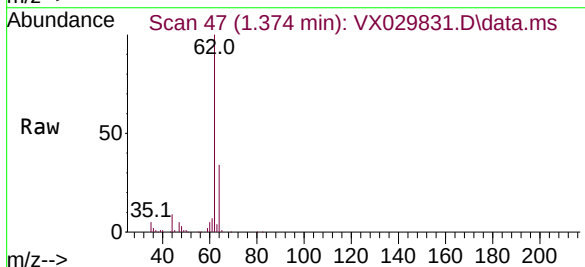
Instrument :  
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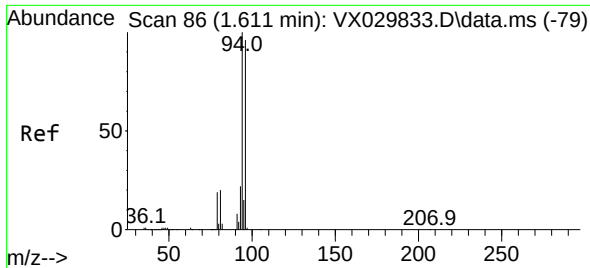
Tgt Ion: 50 Resp: 25969  
Ion Ratio Lower Upper  
50 100  
52 28.0 26.3 39.5



#4  
Vinyl Chloride  
Concen: 8.194 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 62 Resp: 25208  
Ion Ratio Lower Upper  
62 100  
64 33.2 25.2 37.8

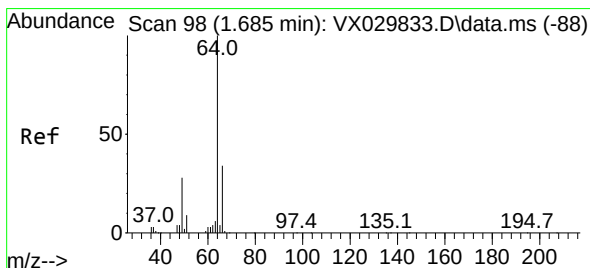
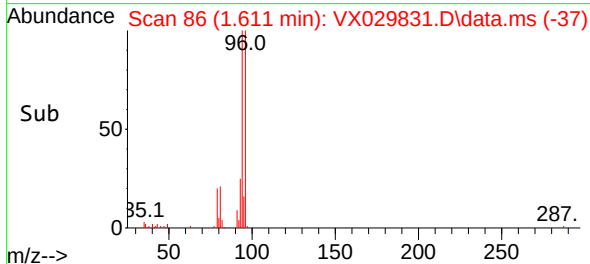
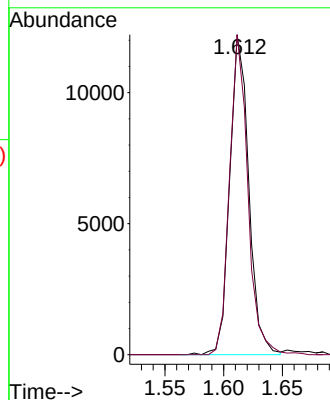
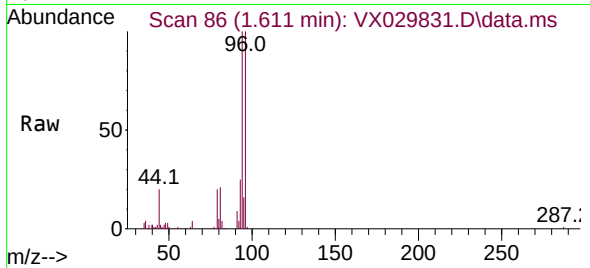




#5  
Bromomethane  
Concen: 15.327 ug/l  
RT: 1.611 min Scan# 86  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

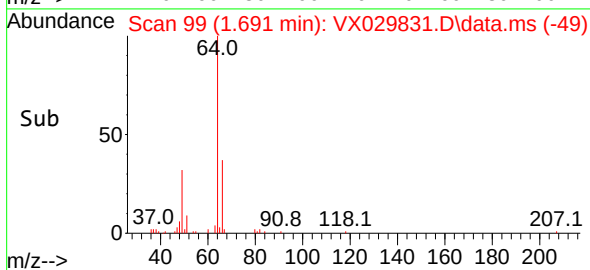
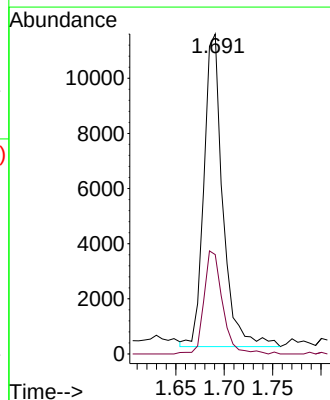
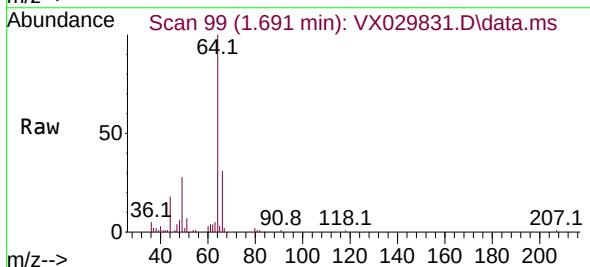
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

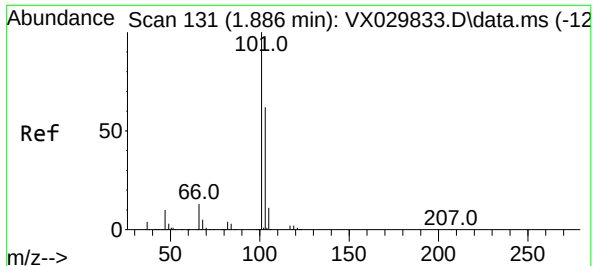
Tgt Ion: 94 Resp: 13748  
Ion Ratio Lower Upper  
94 100  
96 100.1 76.9 115.3



#6  
Chloroethane  
Concen: 9.207 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 64 Resp: 15478  
Ion Ratio Lower Upper  
64 100  
66 31.8 27.2 40.8

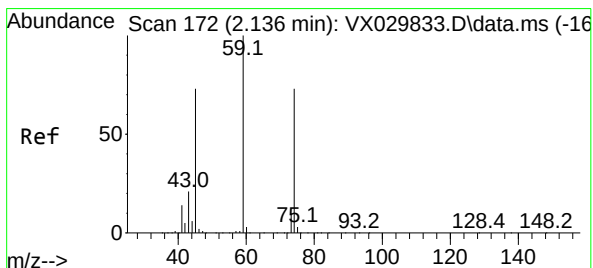
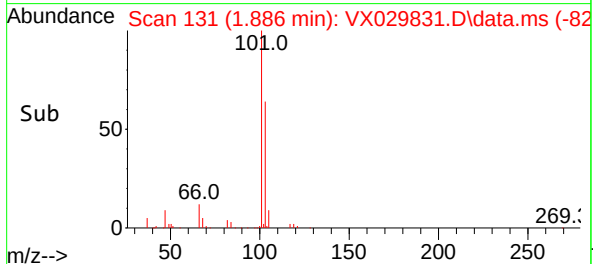
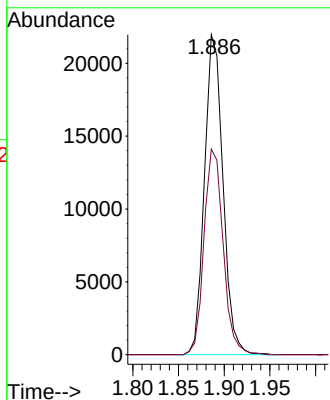
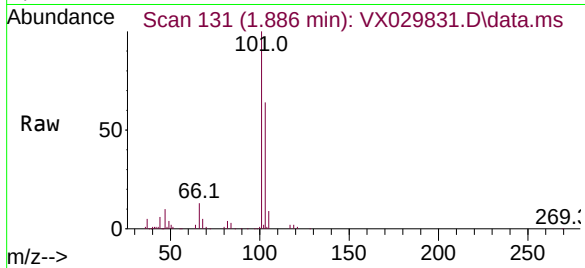




#7  
 Trichlorofluoromethane  
 Concen: 8.644 ug/l  
 RT: 1.886 min Scan# 131  
 Delta R.T. 0.000 min  
 Lab File: VX029831.D  
 Acq: 28 Jun 2022 15:39

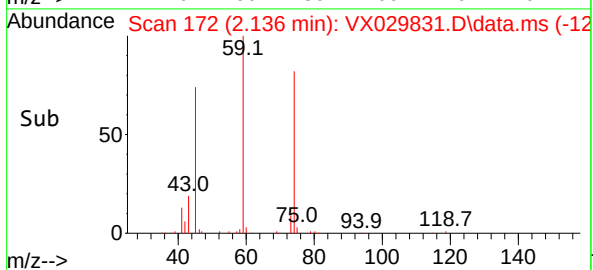
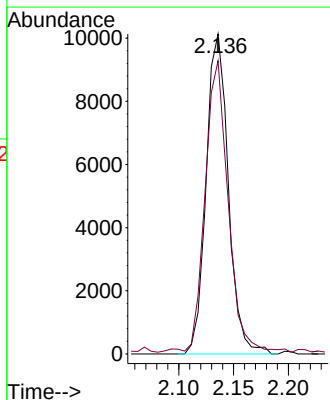
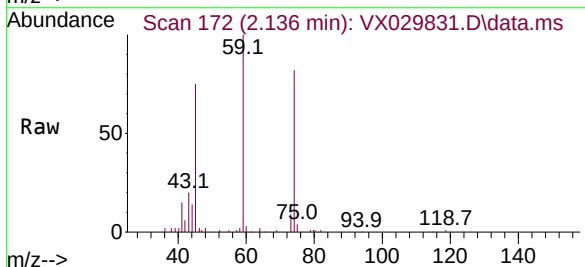
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC010

Tgt Ion:101 Resp: 30842  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 49.7 74.5

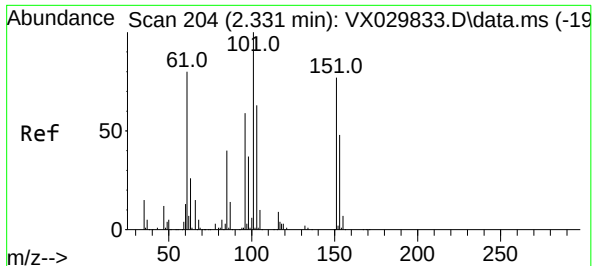


#8  
 Diethyl Ether  
 Concen: 8.468 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX029831.D  
 Acq: 28 Jun 2022 15:39

Tgt Ion: 74 Resp: 14258  
 Ion Ratio Lower Upper  
 74 100  
 45 95.6 51.5 154.7



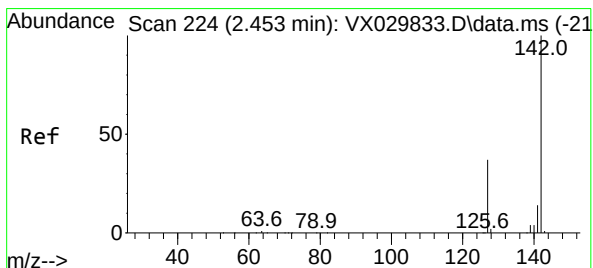
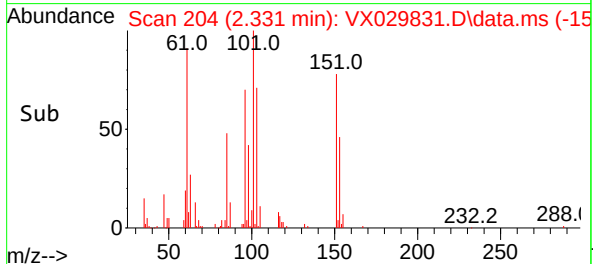
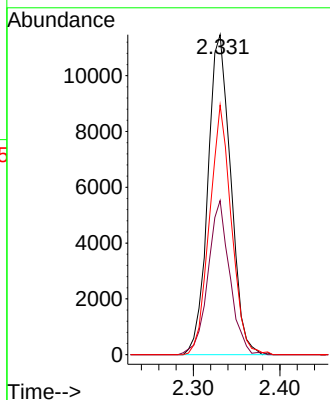
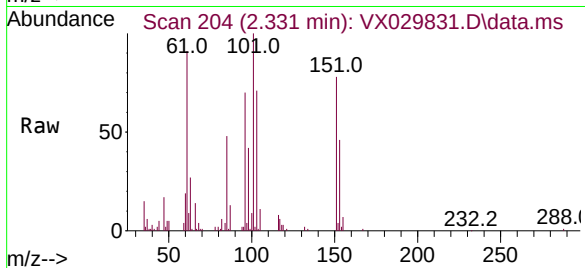




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 8.316 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

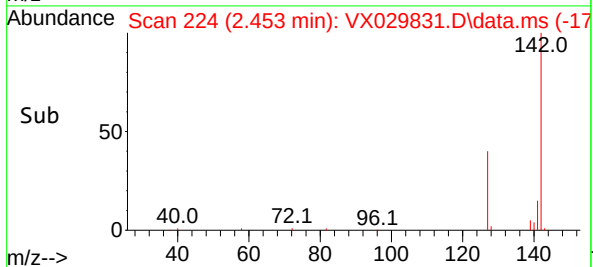
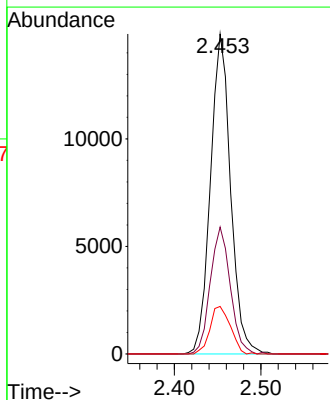
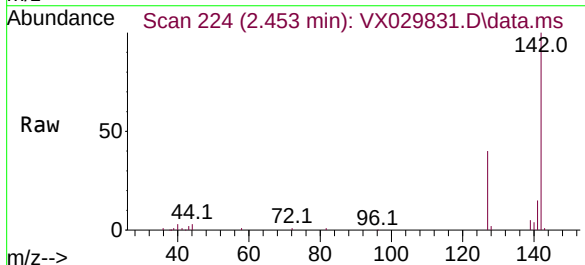
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

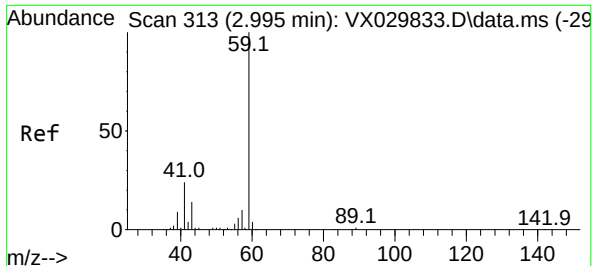
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 20992 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 45.8  | 34.0  | 51.0  |
| 151      | 74.8  | 59.4  | 89.0  |



#10  
Methyl Iodide  
Concen: 8.207 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 24082 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 39.4  | 30.2  | 45.2  |
| 141      | 15.0  | 11.3  | 16.9  |

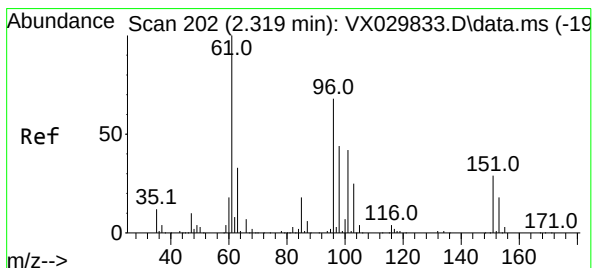
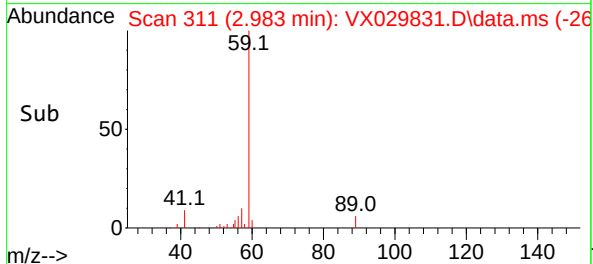
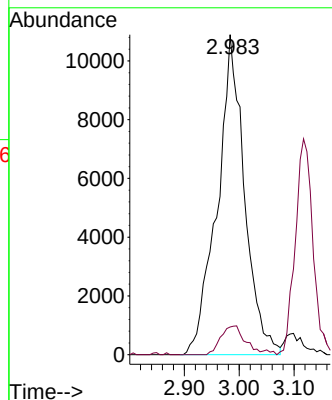
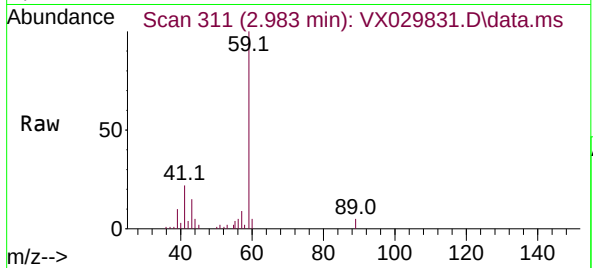




#11  
Tert butyl alcohol  
Concen: 39.581 ug/l  
RT: 2.983 min Scan# 311  
Delta R.T. -0.012 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

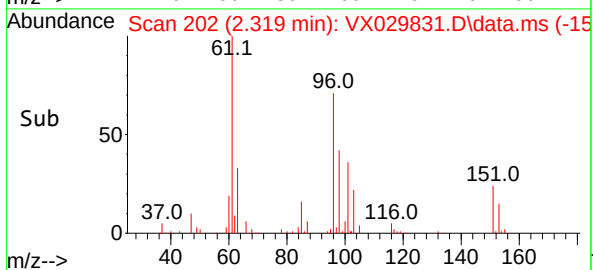
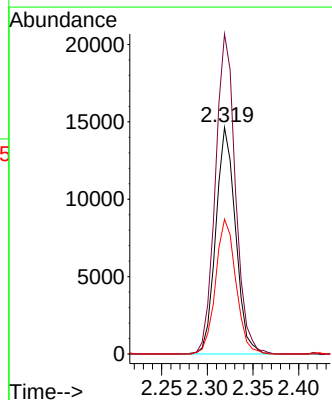
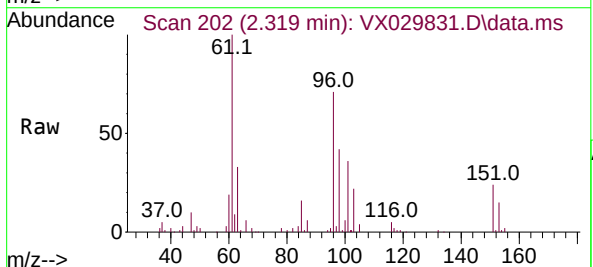
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

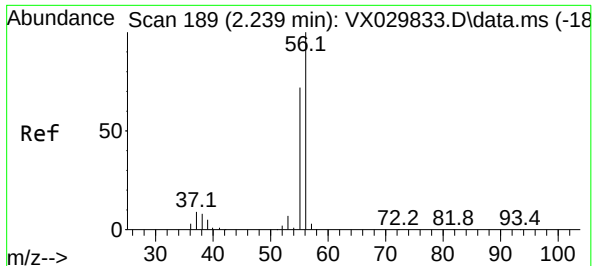
Tgt Ion: 59 Resp: 37653  
Ion Ratio Lower Upper  
59 100  
57 8.0 7.4 11.2



#12  
1,1-Dichloroethene  
Concen: 8.495 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 96 Resp: 22006  
Ion Ratio Lower Upper  
96 100  
61 141.2 117.4 176.0  
98 59.4 52.2 78.4

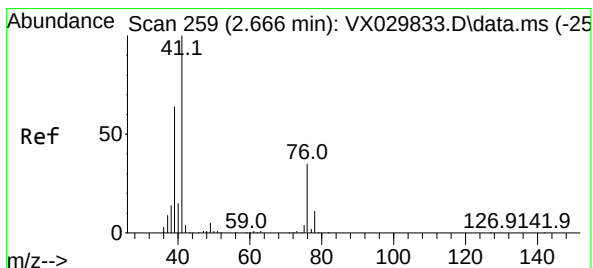
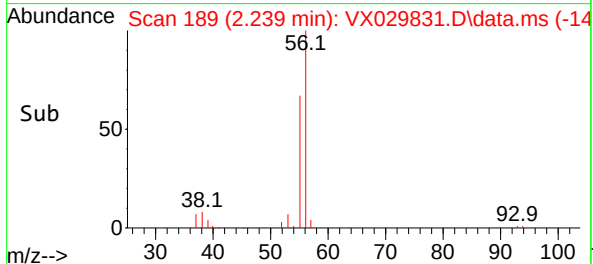
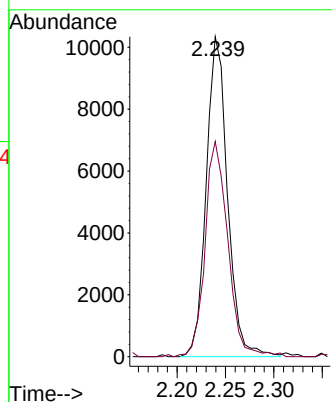
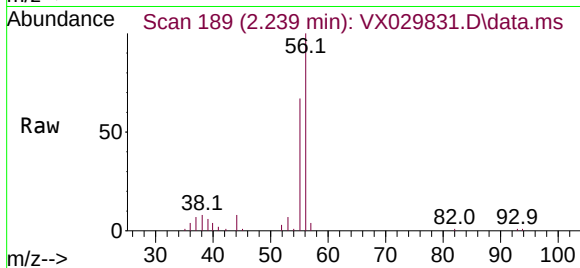




#13  
Acrolein  
Concen: 28.882 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

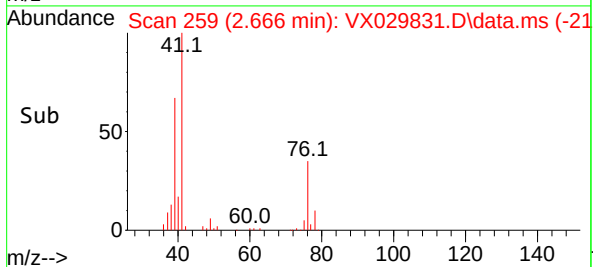
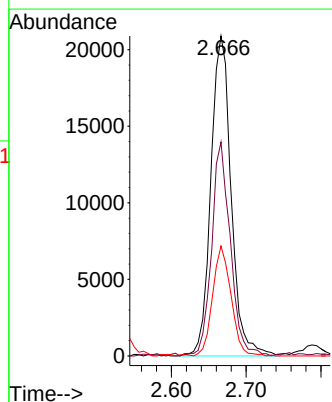
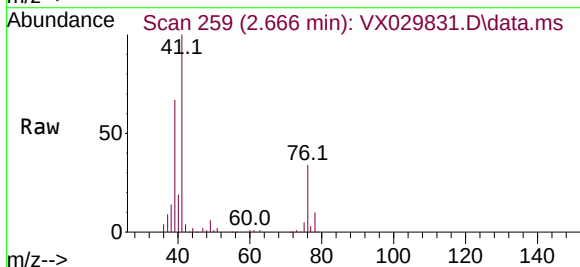
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

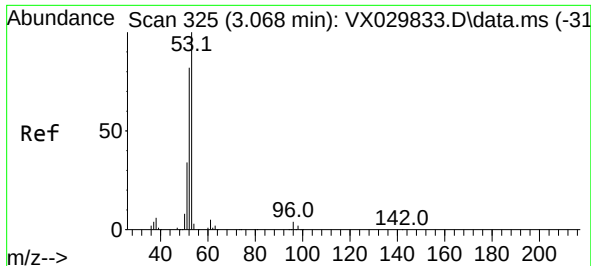
Tgt Ion: 56 Resp: 15891  
Ion Ratio Lower Upper  
56 100  
55 72.1 56.6 84.8



#14  
Allyl chloride  
Concen: 8.365 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 41 Resp: 39505  
Ion Ratio Lower Upper  
41 100  
39 61.7 48.9 73.3  
76 31.2 26.9 40.3

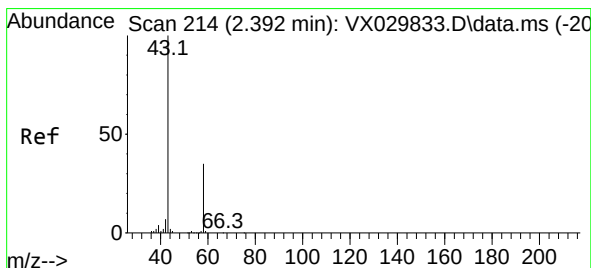
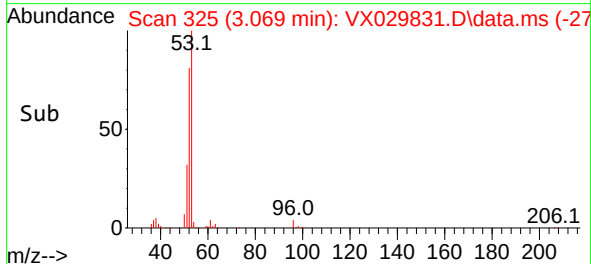
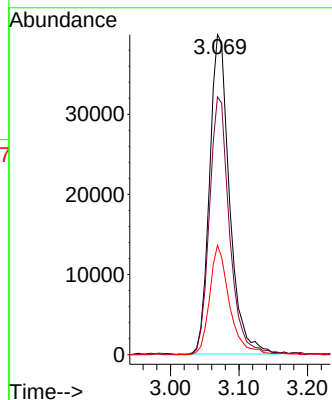
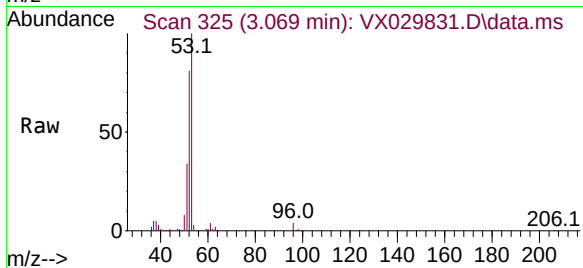




#15  
Acrylonitrile  
Concen: 41.621 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

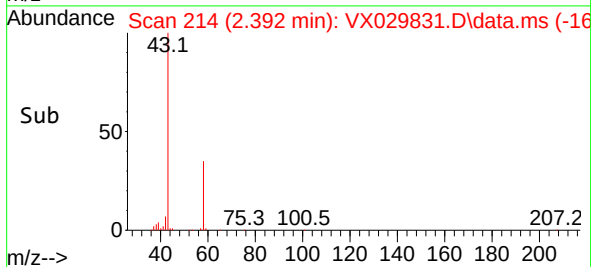
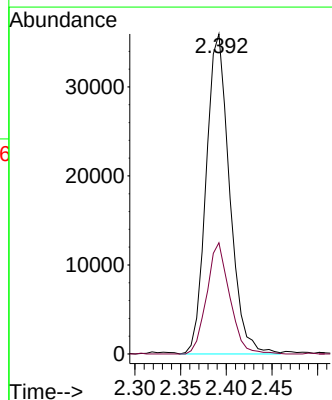
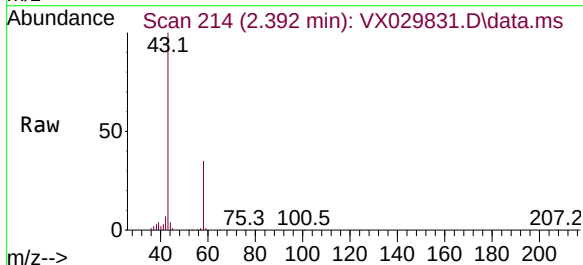
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

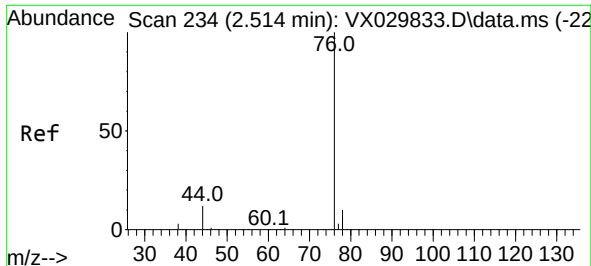
Tgt Ion: 53 Resp: 80958  
Ion Ratio Lower Upper  
53 100  
52 81.5 65.4 98.0  
51 34.2 27.7 41.5



#16  
Acetone  
Concen: 40.486 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 43 Resp: 63990  
Ion Ratio Lower Upper  
43 100  
58 34.7 27.7 41.5

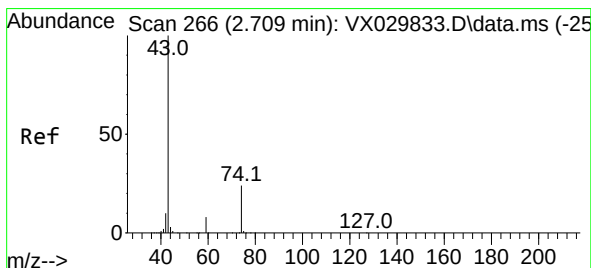
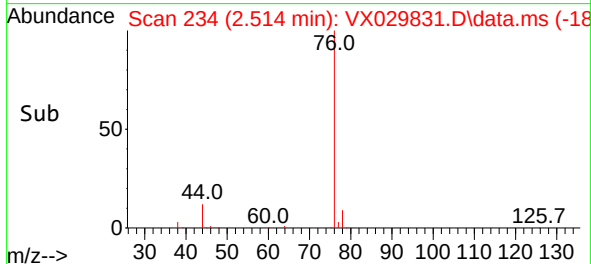
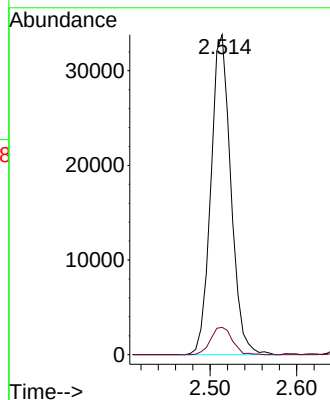
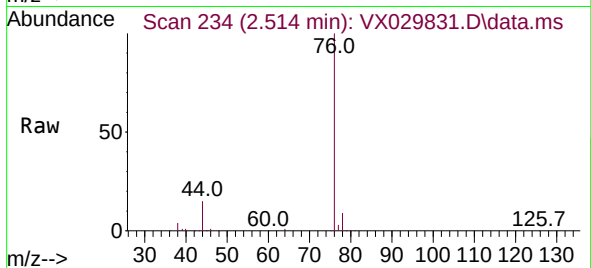




#17  
Carbon Disulfide  
Concen: 8.202 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

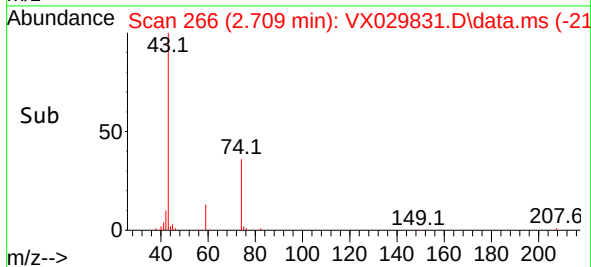
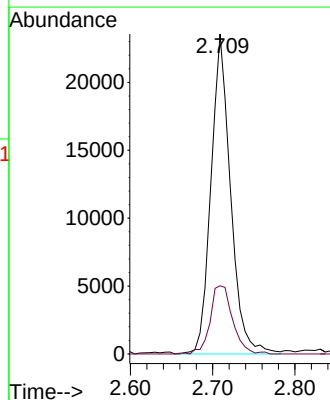
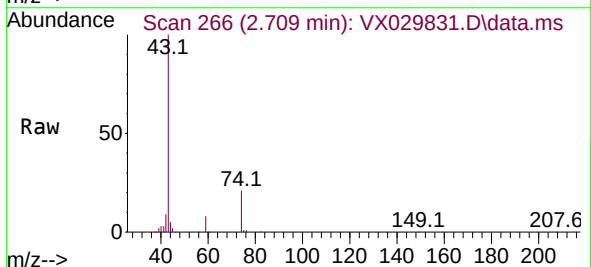
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC010

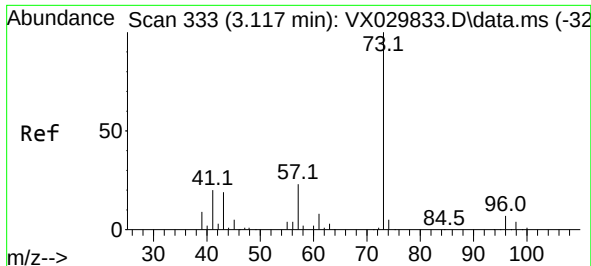
Tgt Ion: 76 Resp: 54170  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.8 11.6



#18  
Methyl Acetate  
Concen: 8.174 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 43 Resp: 38993  
Ion Ratio Lower Upper  
43 100  
74 24.5 19.4 29.2

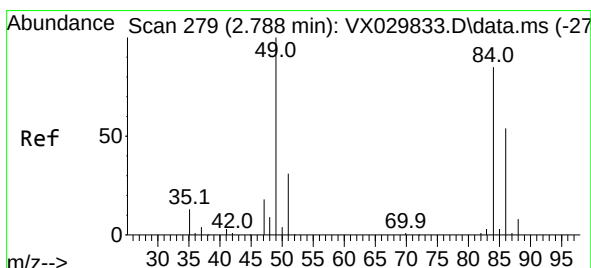
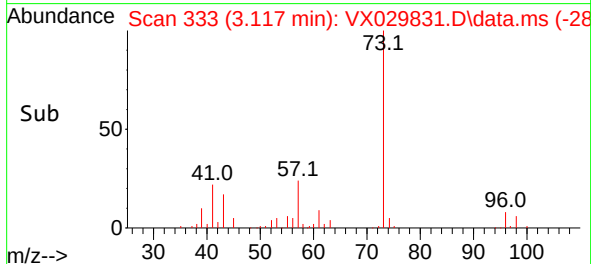
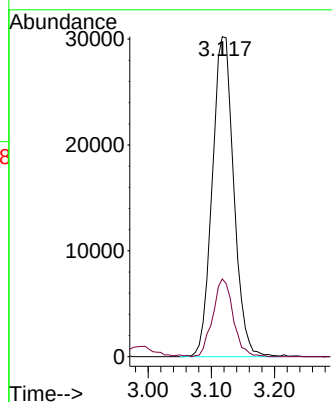
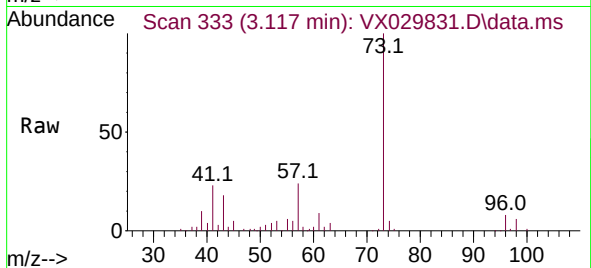




#19  
Methyl tert-butyl Ether  
Concen: 7.935 ug/l  
RT: 3.117 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

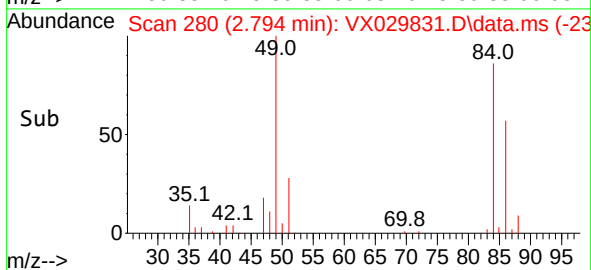
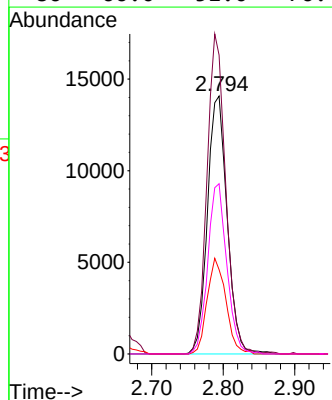
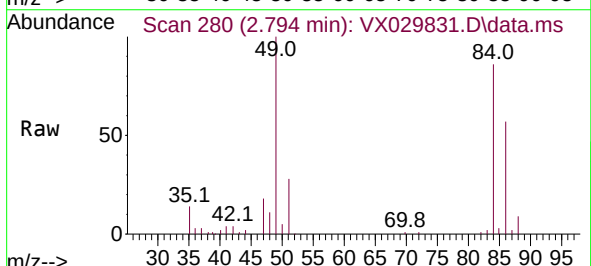
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

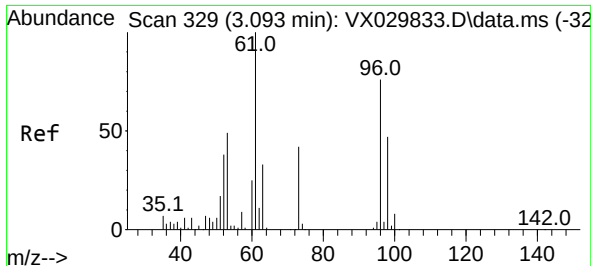
Tgt Ion: 73 Resp: 71314  
Ion Ratio Lower Upper  
73 100  
57 24.3 19.0 28.6



#20  
Methylene Chloride  
Concen: 8.300 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 84 Resp: 26989  
Ion Ratio Lower Upper  
84 100  
49 115.9 93.8 140.6  
51 32.7 29.4 44.0  
86 66.0 51.0 76.4

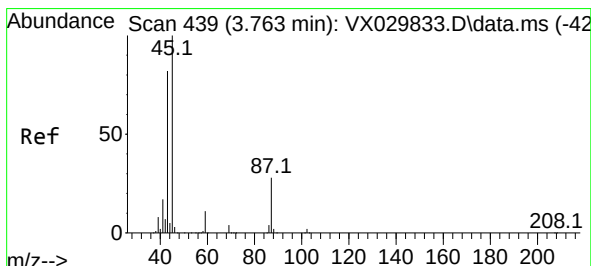
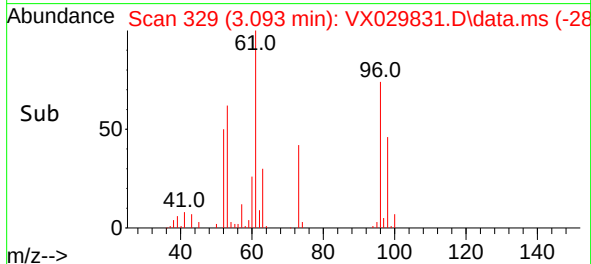
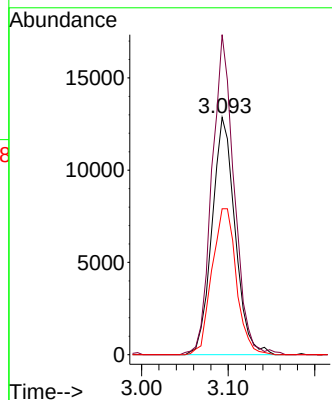
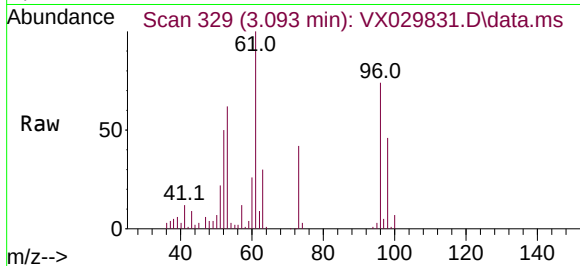




#21  
trans-1,2-Dichloroethene  
Concen: 8.574 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

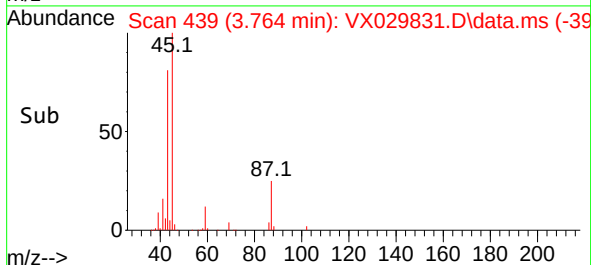
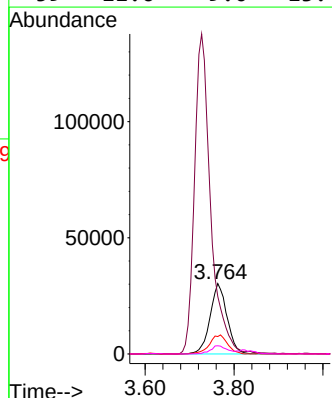
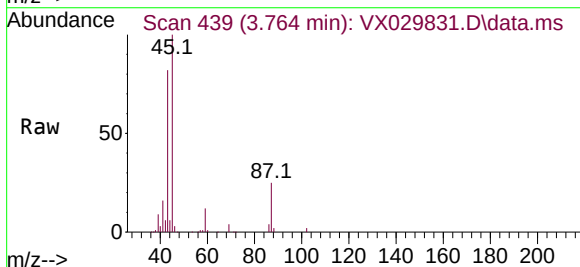
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

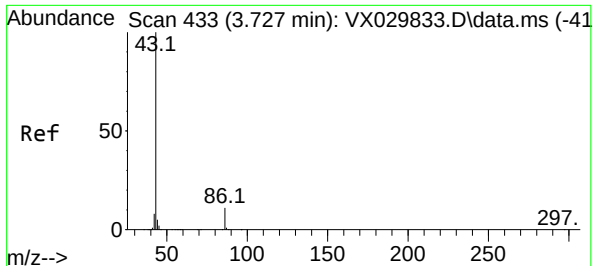
Tgt Ion: 96 Resp: 23787  
Ion Ratio Lower Upper  
96 100  
61 134.9 105.6 158.4  
98 61.5 50.1 75.1



#22  
Diisopropyl ether  
Concen: 8.272 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 45 Resp: 80384  
Ion Ratio Lower Upper  
45 100  
43 80.9 65.4 98.0  
87 24.7 22.3 33.5  
59 11.6 9.0 13.4

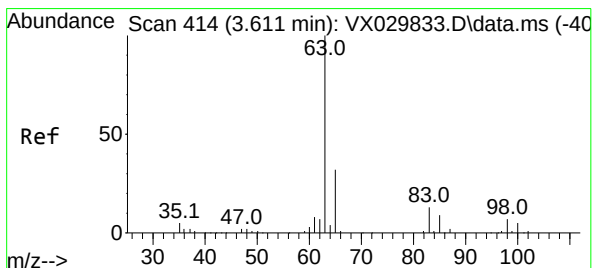
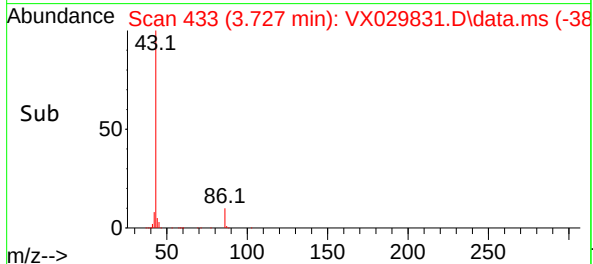
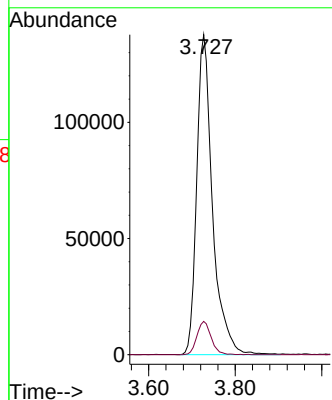
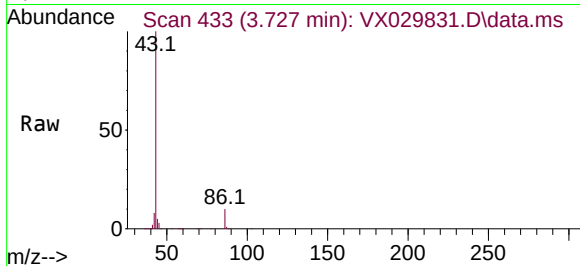




#23  
 Vinyl Acetate  
 Concen: 42.166 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX029831.D  
 Acq: 28 Jun 2022 15:39

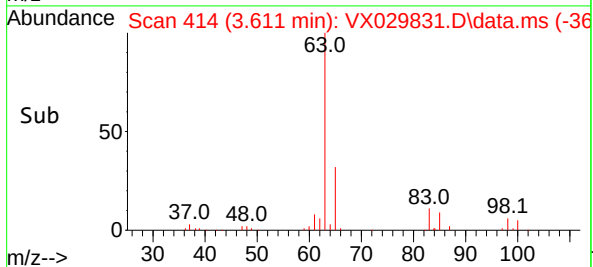
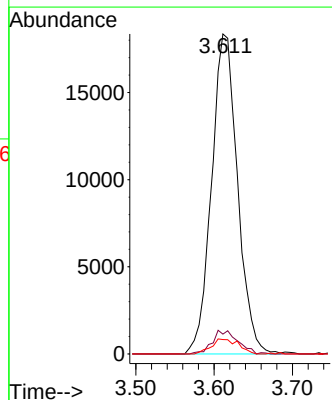
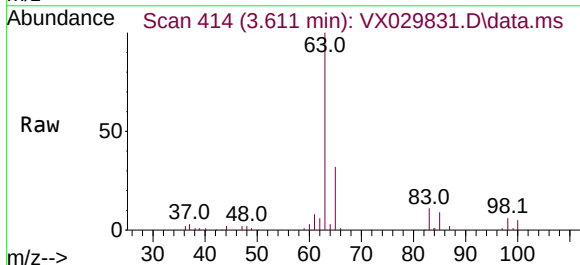
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC010

Tgt Ion: 43 Resp: 348382  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.5 12.7

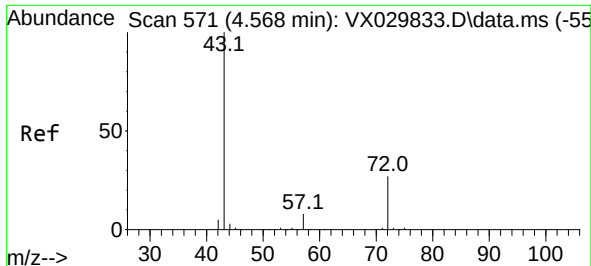


#24  
 1,1-Dichloroethane  
 Concen: 8.067 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX029831.D  
 Acq: 28 Jun 2022 15:39

Tgt Ion: 63 Resp: 42352  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.5 10.5  
 100 4.5 2.3 6.9







#25

2-Butanone

Concen: 41.645 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

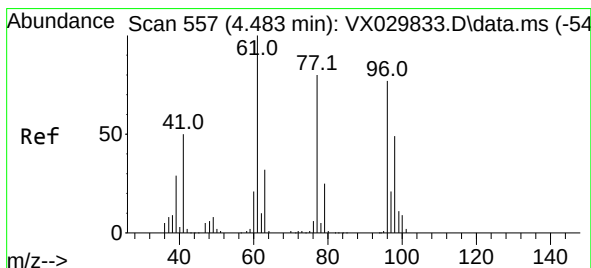
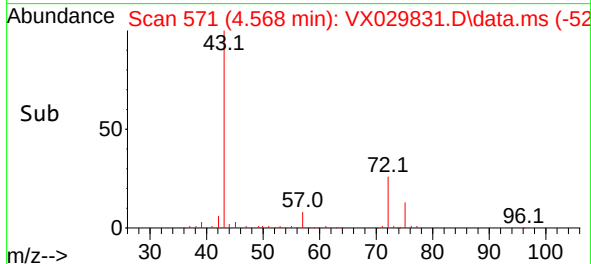
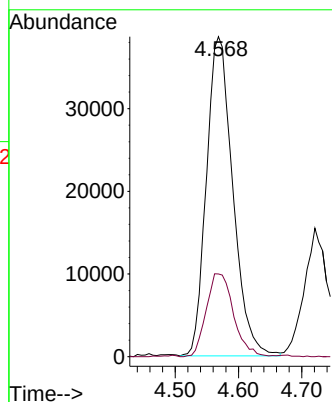
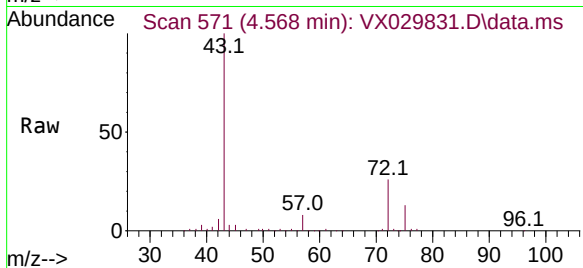
VSTDIC010

Tgt Ion: 43 Resp: 111757

Ion Ratio Lower Upper

43 100

72 25.9 21.7 32.5



#26

2,2-Dichloropropane

Concen: 7.434 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX029831.D

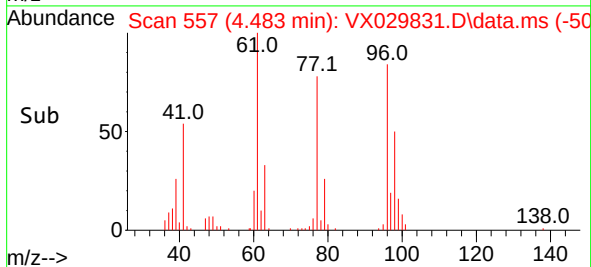
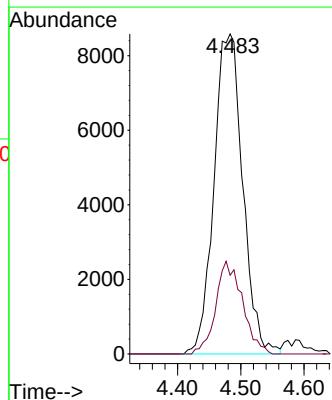
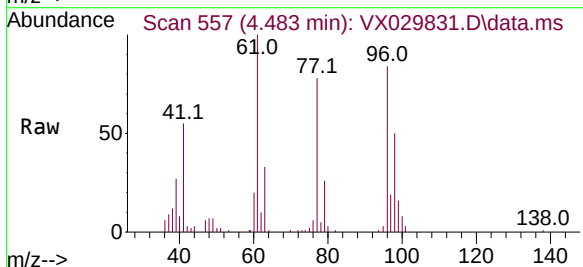
Acq: 28 Jun 2022 15:39

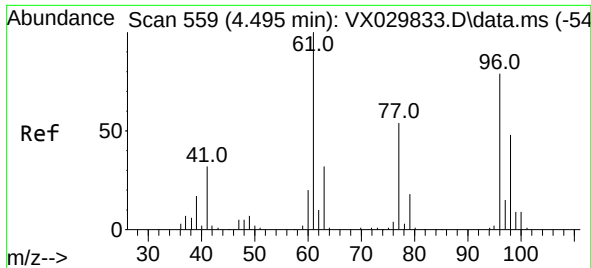
Tgt Ion: 77 Resp: 27076

Ion Ratio Lower Upper

77 100

97 26.9 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 8.401 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

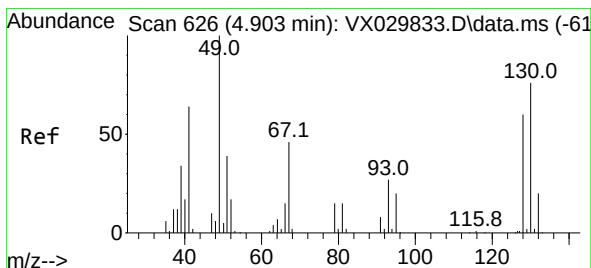
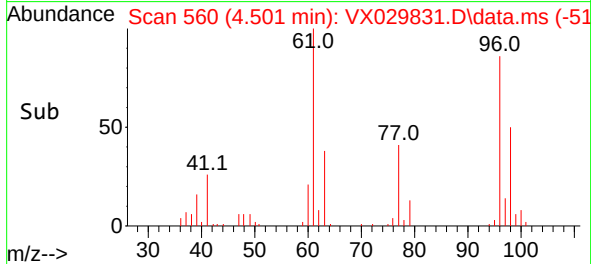
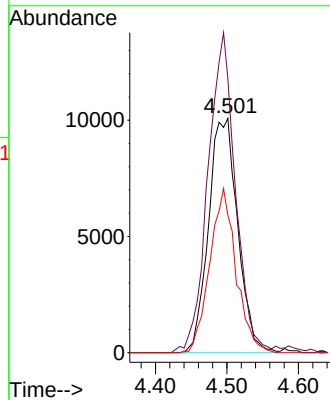
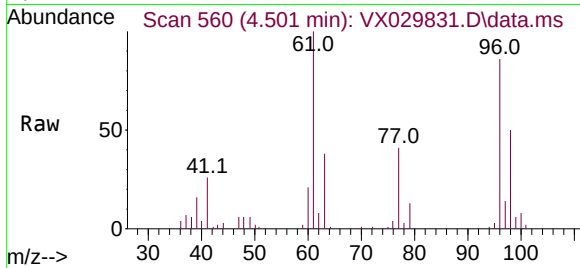
Tgt Ion: 96 Resp: 28568

Ion Ratio Lower Upper

96 100

61 127.8 0.0 270.0

98 63.1 0.0 127.8



#28

Bromochloromethane

Concen: 7.107 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

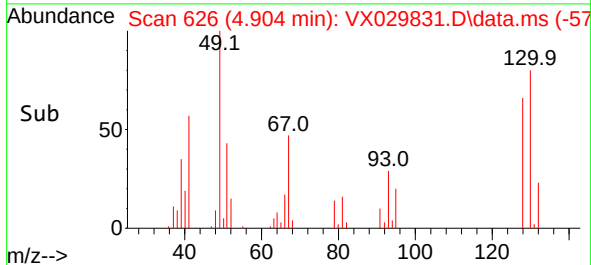
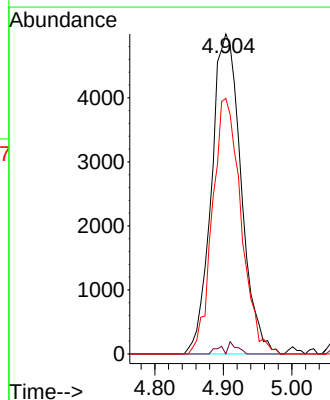
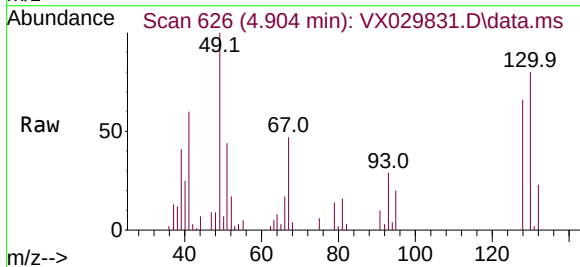
Tgt Ion: 49 Resp: 14999

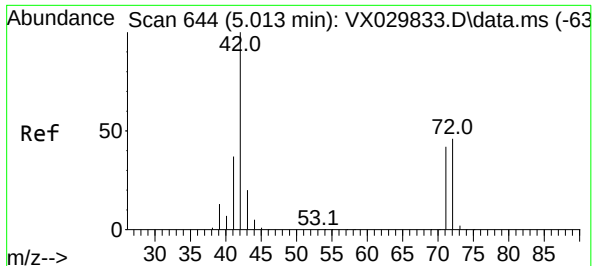
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.4

130 76.9 62.8 94.2





#29

Tetrahydrofuran

Concen: 41.879 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

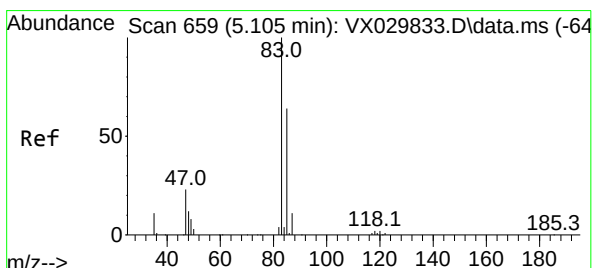
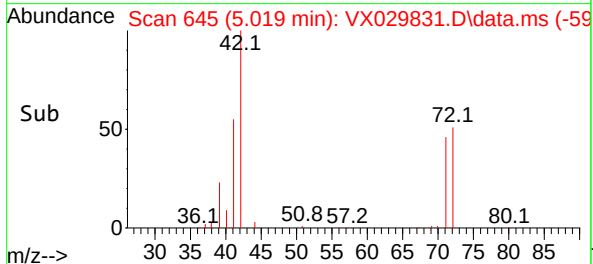
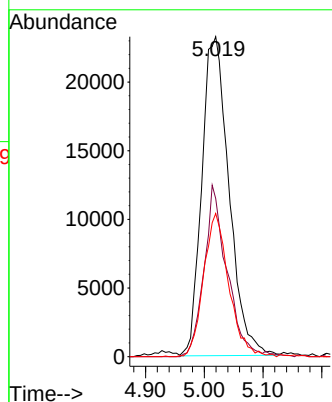
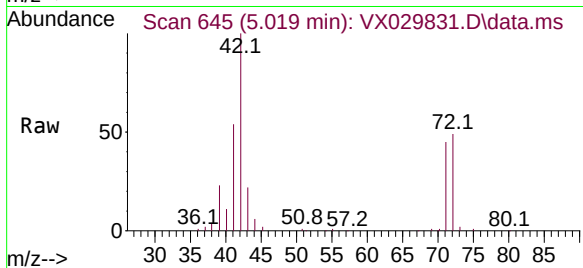
Tgt Ion: 42 Resp: 74700

Ion Ratio Lower Upper

42 100

72 45.0 36.5 54.7

71 41.7 33.9 50.9



#30

Chloroform

Concen: 8.189 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX029831.D

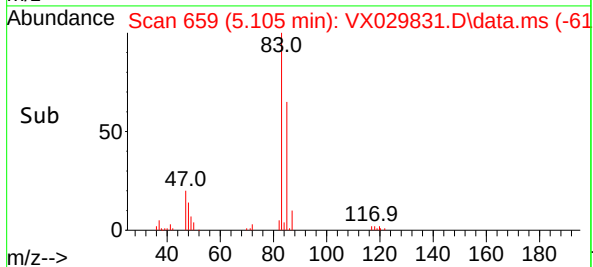
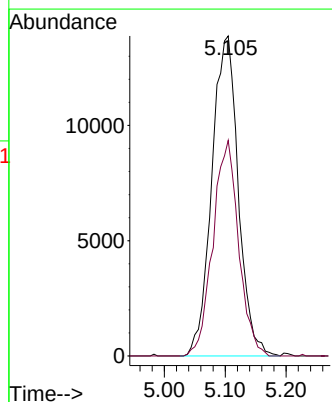
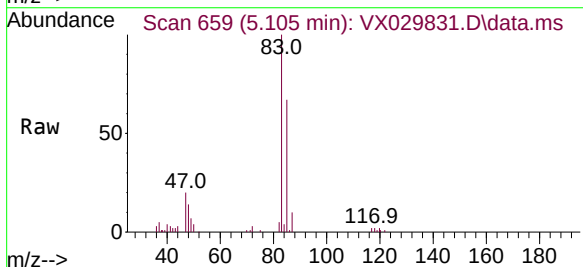
Acq: 28 Jun 2022 15:39

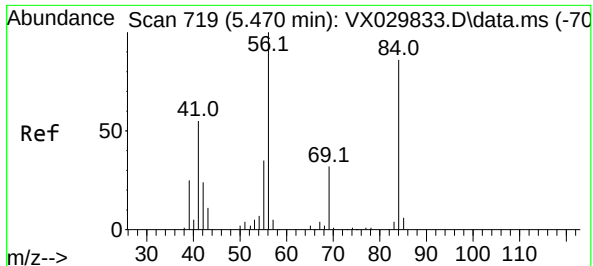
Tgt Ion: 83 Resp: 41952

Ion Ratio Lower Upper

83 100

85 67.4 51.5 77.3

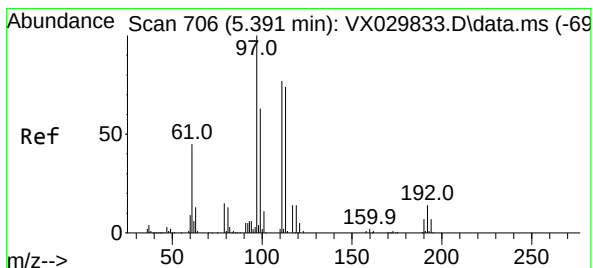
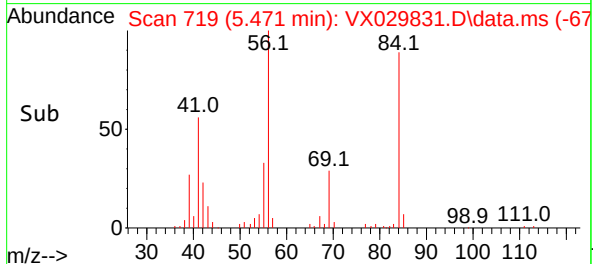
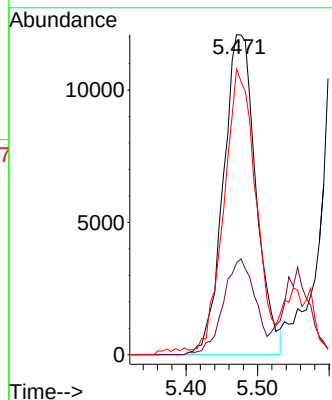
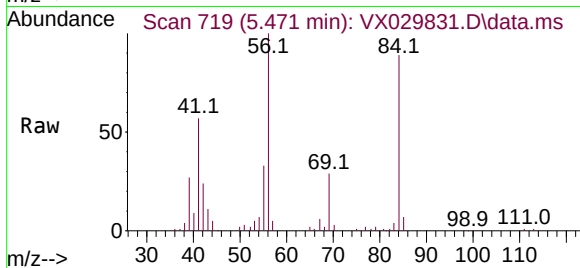




#31  
Cyclohexane  
Concen: 8.037 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

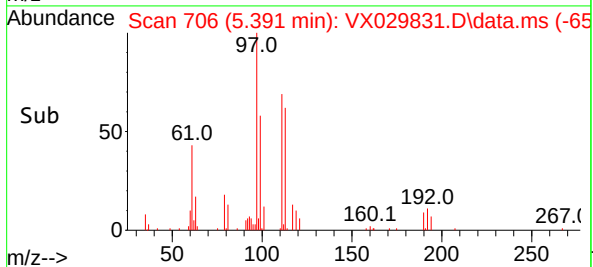
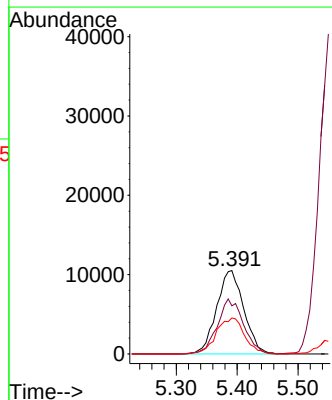
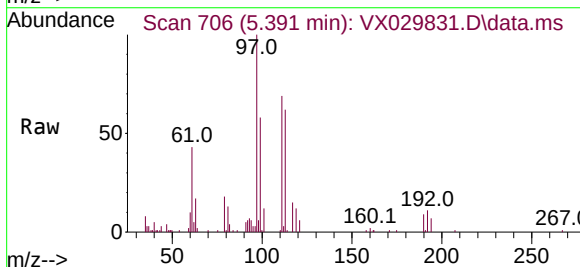
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

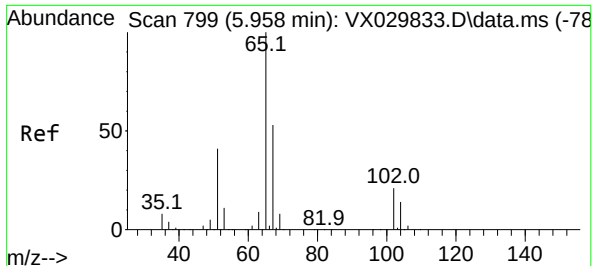
Tgt Ion: 56 Resp: 38316  
Ion Ratio Lower Upper  
56 100  
69 28.6 25.4 38.0  
84 88.1 68.9 103.3



#32  
1,1,1-Trichloroethane  
Concen: 8.207 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 97 Resp: 32489  
Ion Ratio Lower Upper  
97 100  
99 63.4 51.4 77.0  
61 45.0 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 7.332 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

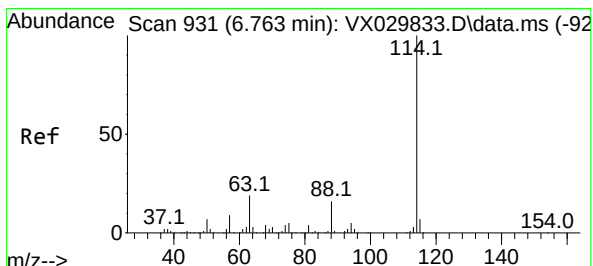
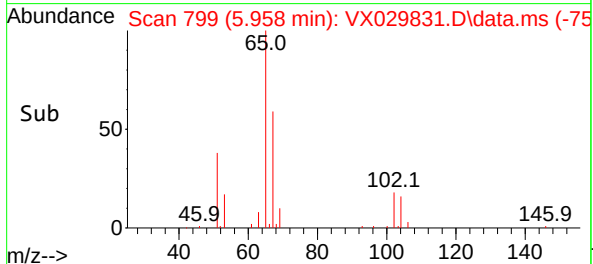
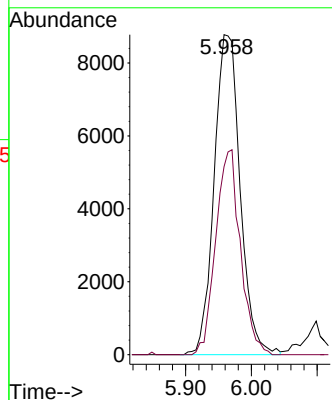
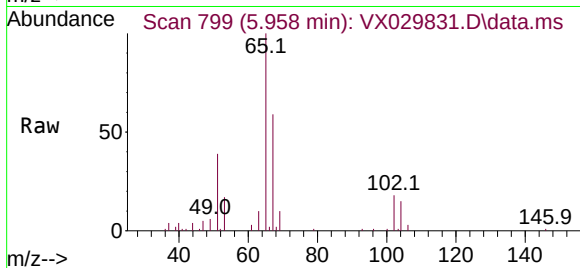
VSTDIC010

Tgt Ion: 65 Resp: 24158

Ion Ratio Lower Upper

65 100

67 60.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

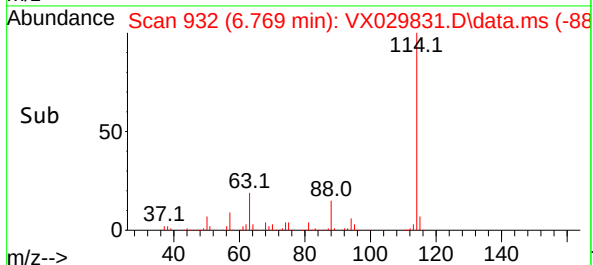
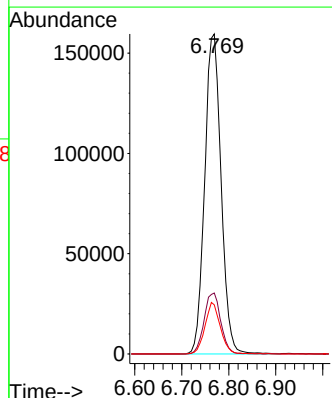
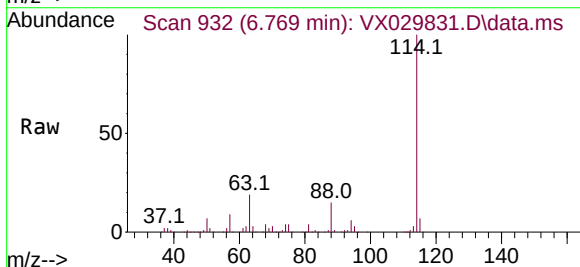
Tgt Ion: 114 Resp: 385989

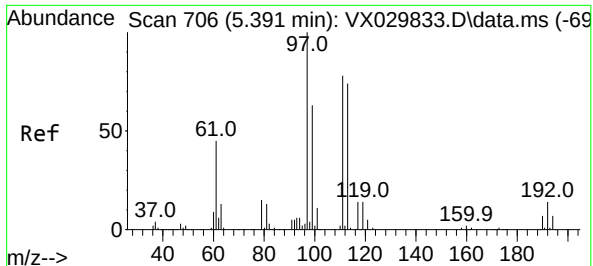
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 8.607 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

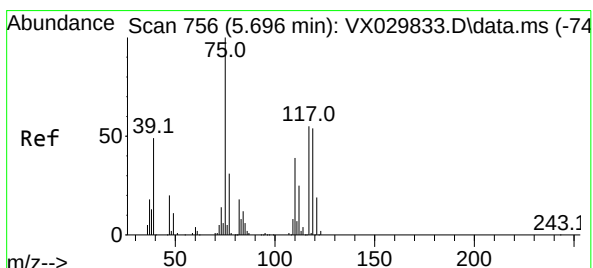
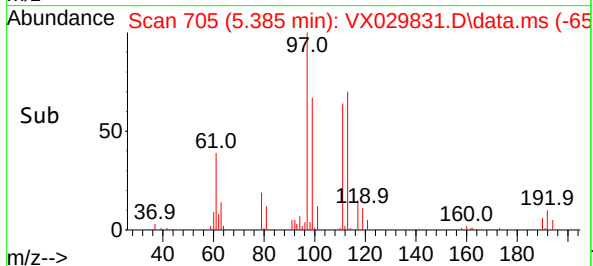
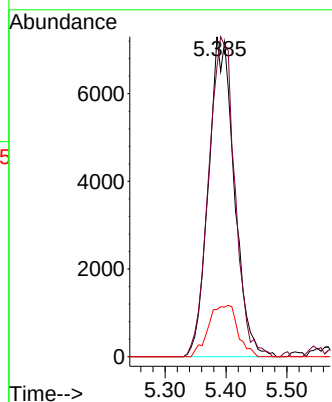
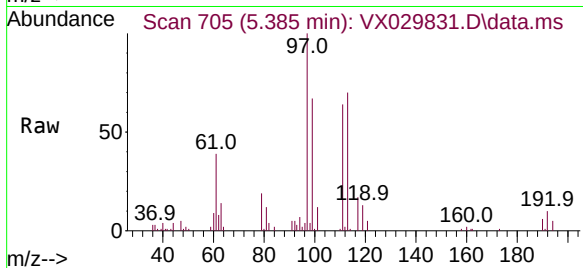
Tgt Ion:113 Resp: 21428

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 8.775 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

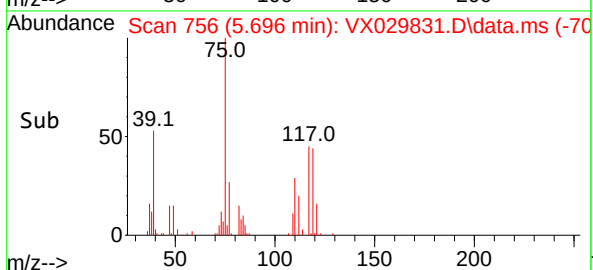
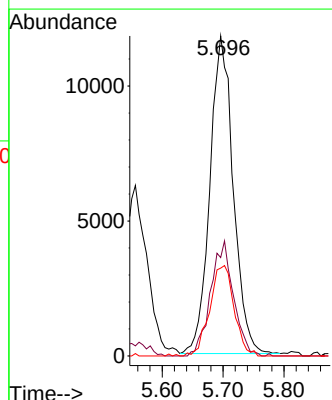
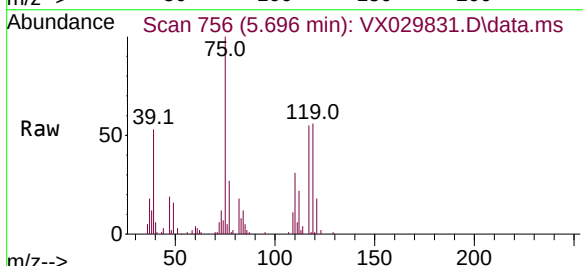
Tgt Ion: 75 Resp: 31376

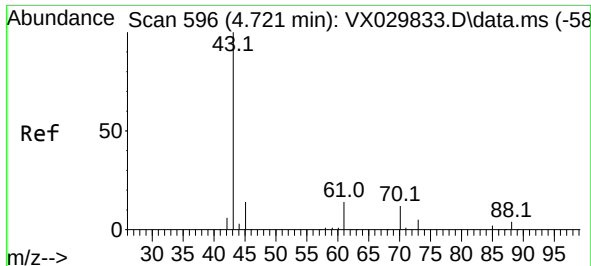
Ion Ratio Lower Upper

75 100

110 35.4 19.3 57.9

77 29.7 24.4 36.6





#37

Ethyl Acetate

Concen: 9.487 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

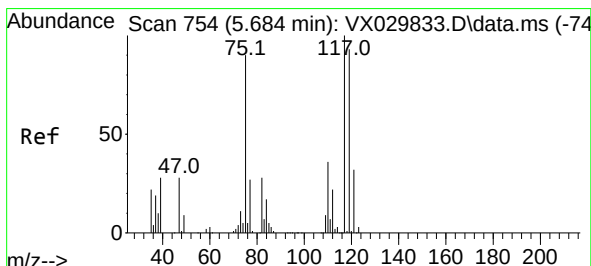
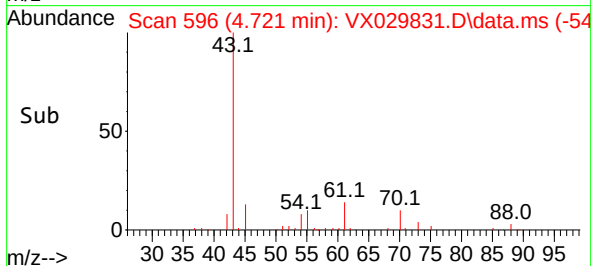
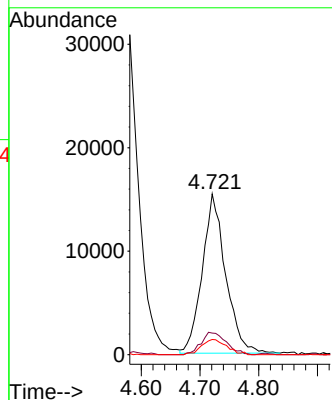
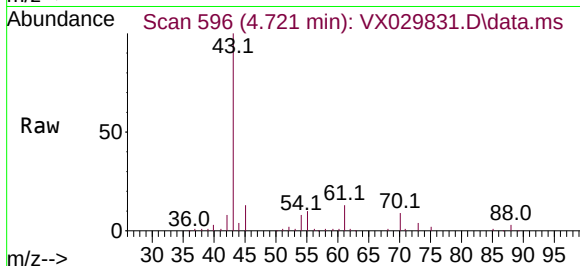
Tgt Ion: 43 Resp: 42530

Ion Ratio Lower Upper

43 100

61 15.1 11.7 17.5

70 10.3 9.3 13.9



#38

Carbon Tetrachloride

Concen: 8.965 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

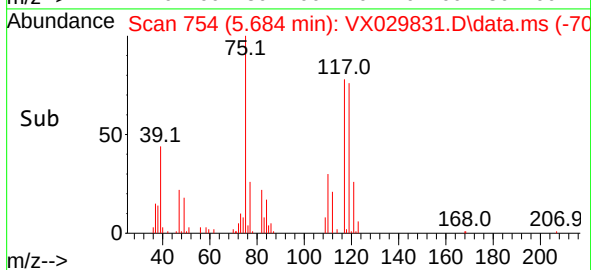
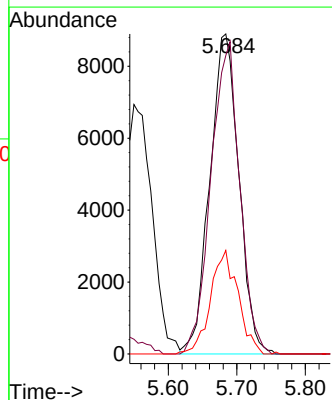
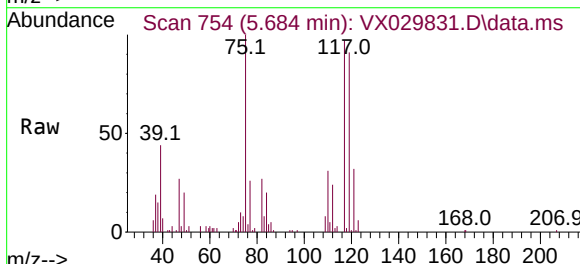
Tgt Ion: 117 Resp: 26247

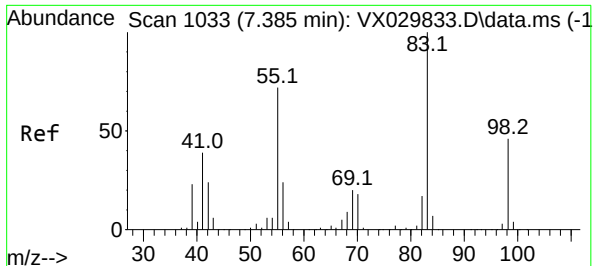
Ion Ratio Lower Upper

117 100

119 93.2 74.1 111.1

121 32.4 25.8 38.8





#39

Methylcyclohexane

Concen: 8.701 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

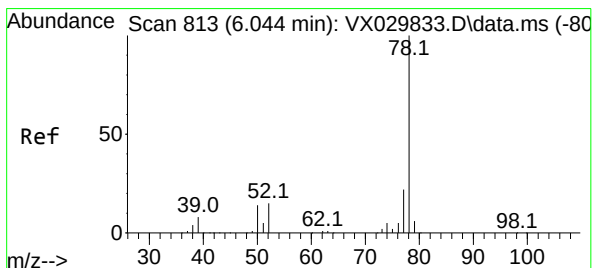
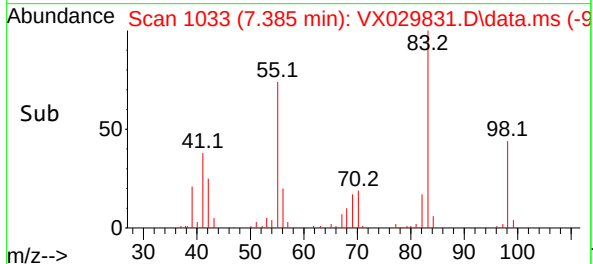
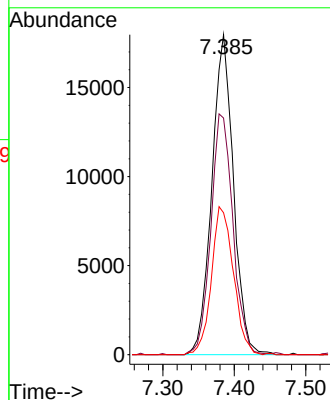
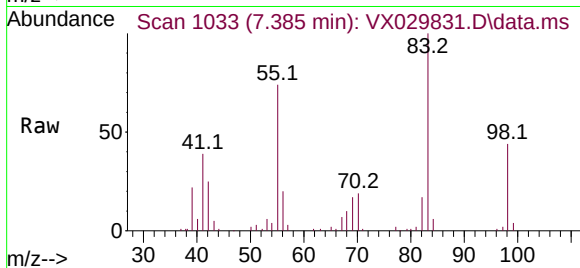
Tgt Ion: 83 Resp: 37646

Ion Ratio Lower Upper

83 100

55 73.9 57.7 86.5

98 44.3 36.5 54.7



#40

Benzene

Concen: 8.896 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX029831.D

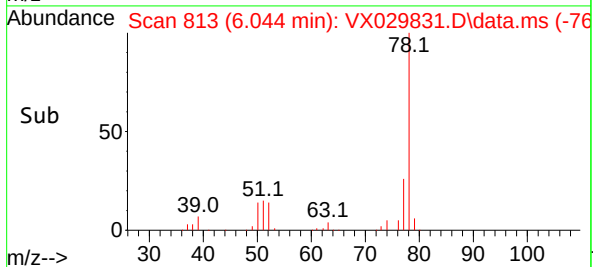
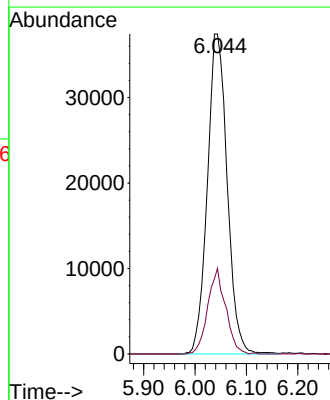
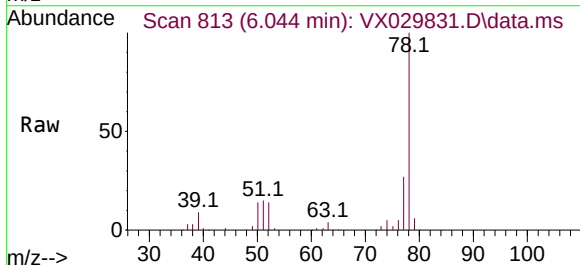
Acq: 28 Jun 2022 15:39

Tgt Ion: 78 Resp: 100431

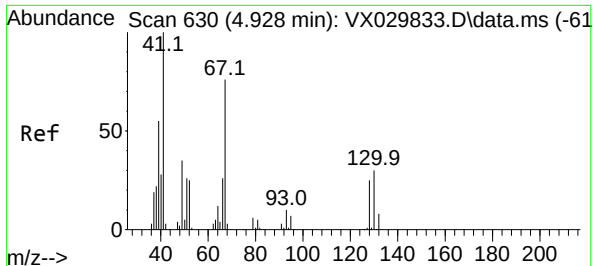
Ion Ratio Lower Upper

78 100

77 26.8 18.0 27.0



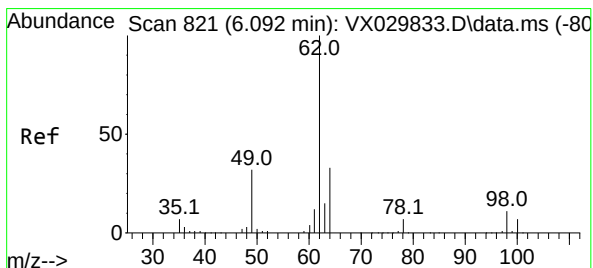
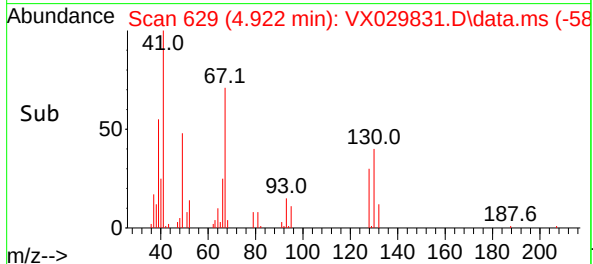
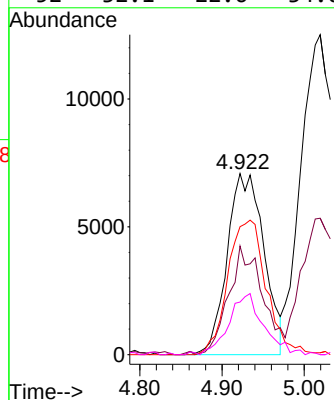
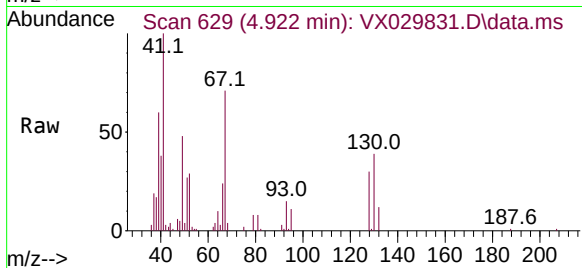




#41  
Methacrylonitrile  
Concen: 8.621 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

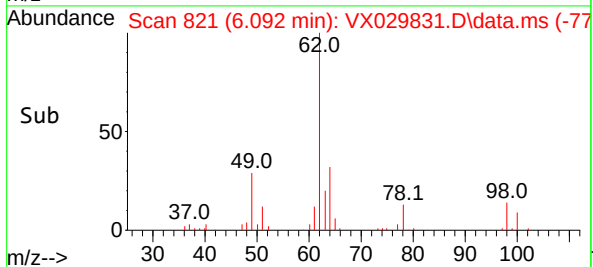
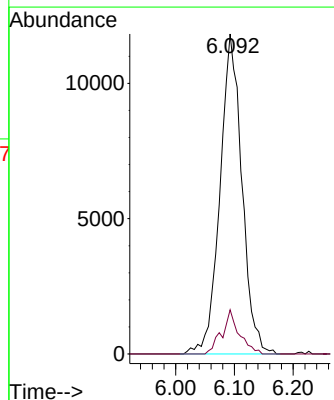
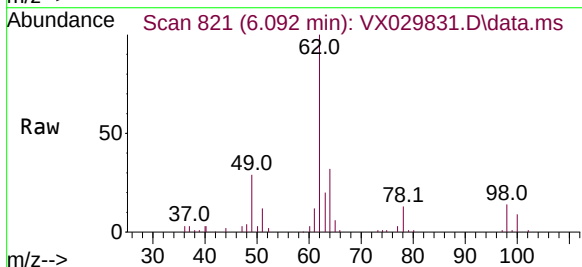
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

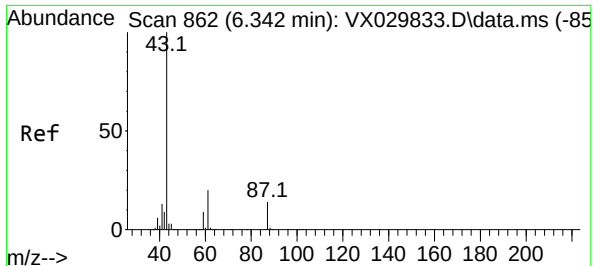
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 22082 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 55.8     | 42.9 64.3   |
| 67 77.8     | 60.1 90.1   |
| 52 32.1     | 22.6 34.0   |



#42  
1,2-Dichloroethane  
Concen: 8.421 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 30681 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 10.9     | 0.0 20.2    |

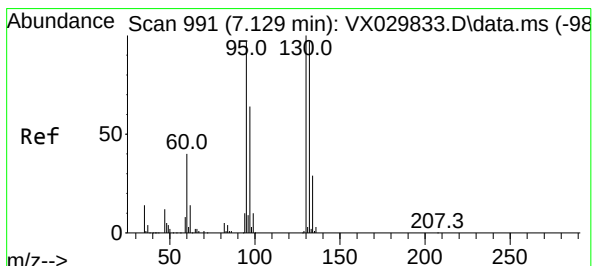
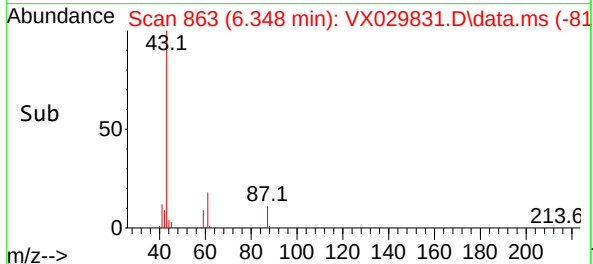
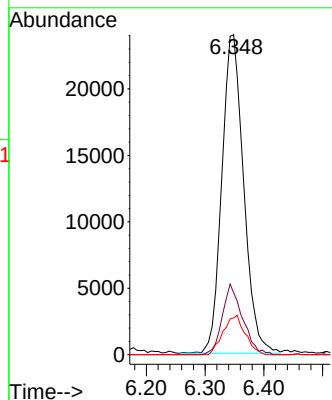
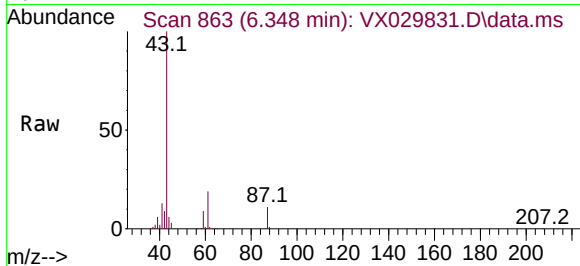




#43  
Isopropyl Acetate  
Concen: 9.024 ug/l  
RT: 6.348 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

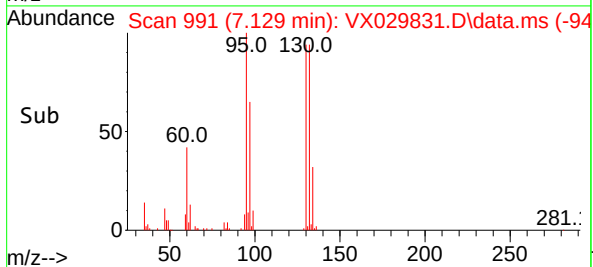
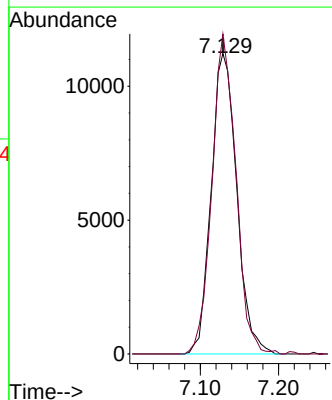
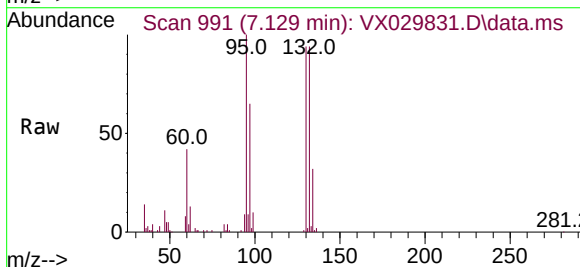
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

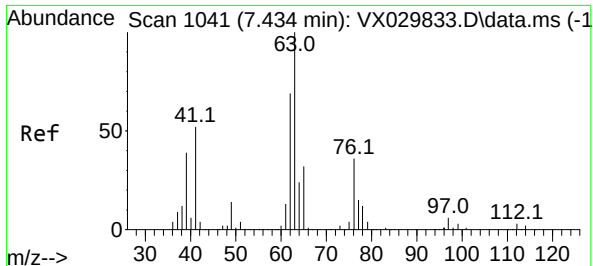
Tgt Ion: 43 Resp: 61939  
Ion Ratio Lower Upper  
43 100  
61 20.5 16.5 24.7  
87 12.4 11.1 16.7



#44  
Trichloroethene  
Concen: 9.049 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion:130 Resp: 25390  
Ion Ratio Lower Upper  
130 100  
95 106.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 8.747 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

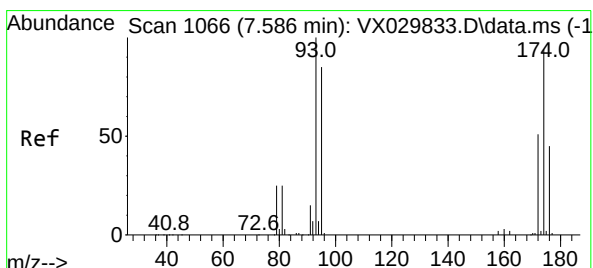
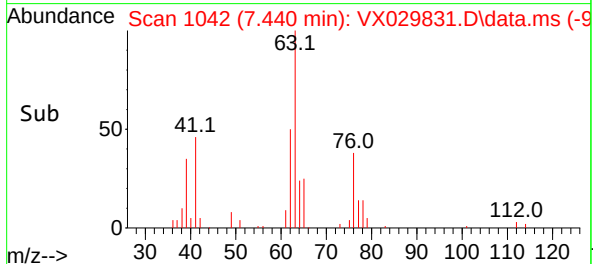
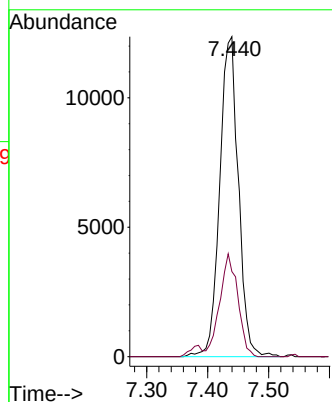
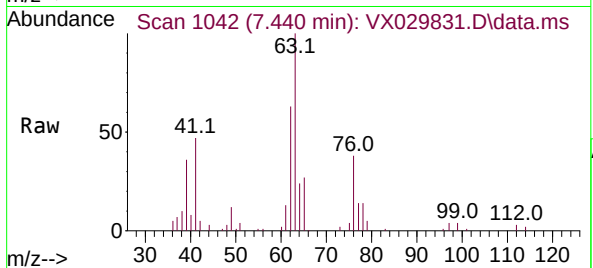
VSTDIC010

Tgt Ion: 63 Resp: 26291

Ion Ratio Lower Upper

63 100

65 26.6 25.2 37.8



#46

Dibromomethane

Concen: 9.039 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

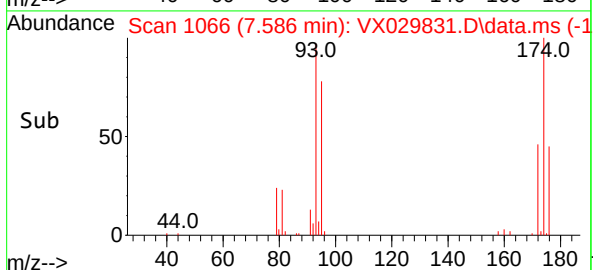
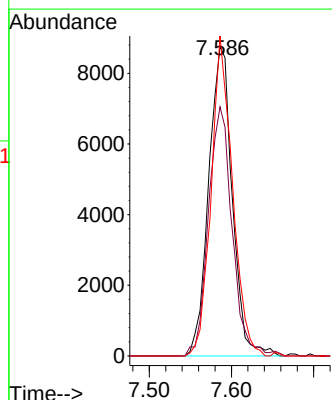
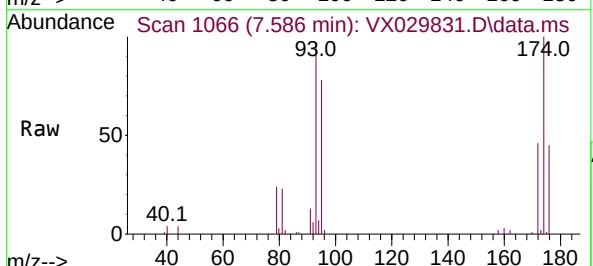
Tgt Ion: 93 Resp: 17447

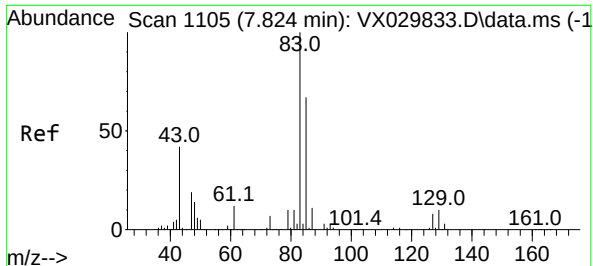
Ion Ratio Lower Upper

93 100

95 81.2 67.4 101.0

174 93.5 75.6 113.4

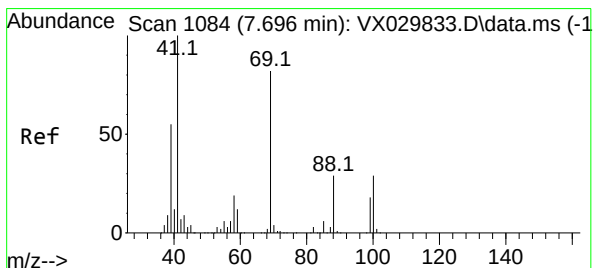
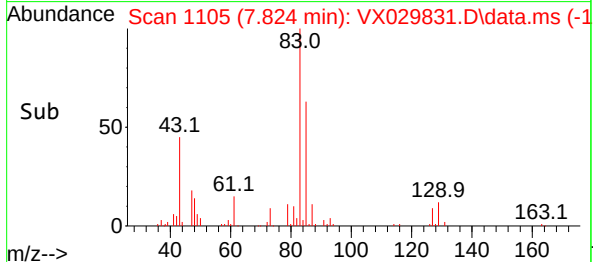
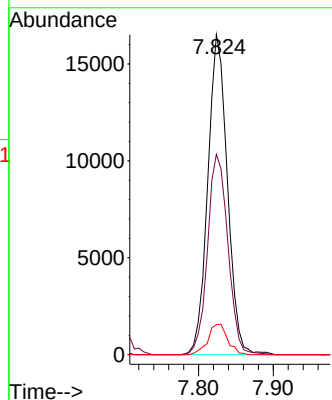
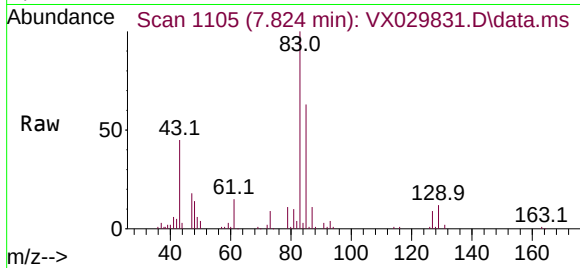




#47  
Bromodichloromethane  
Concen: 8.766 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

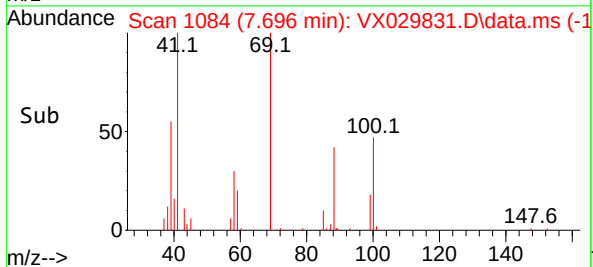
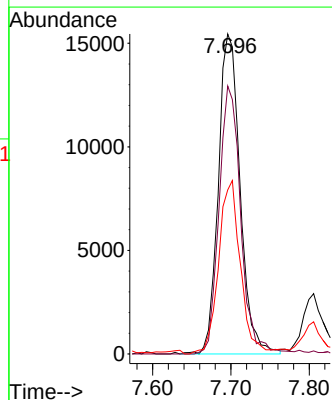
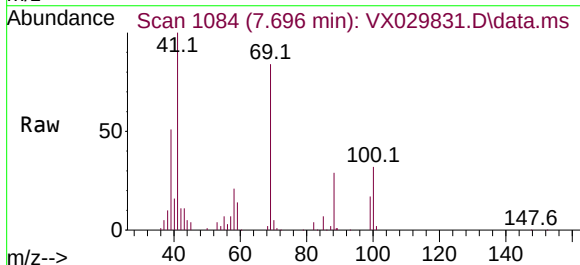
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

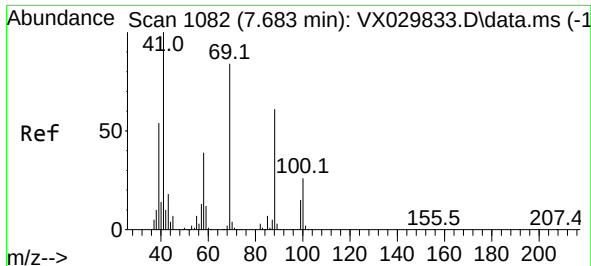
Tgt Ion: 83 Resp: 30103  
Ion Ratio Lower Upper  
83 100  
85 62.6 53.5 80.3  
127 9.4 6.6 10.0



#48  
Methyl methacrylate  
Concen: 8.775 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 41 Resp: 29878  
Ion Ratio Lower Upper  
41 100  
69 83.3 68.8 103.2  
39 53.9 44.6 66.8





#49

1,4-Dioxane

Concen: 171.719 ug/l

RT: 7.690 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

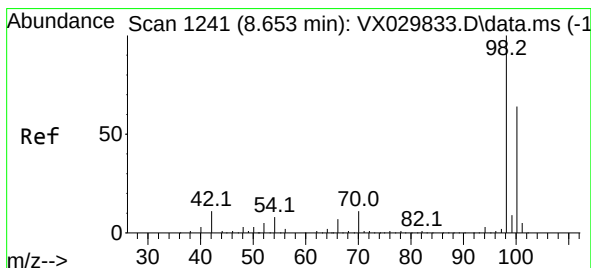
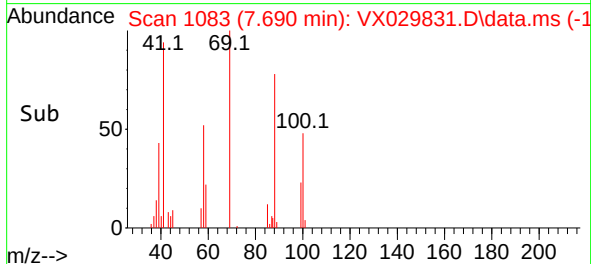
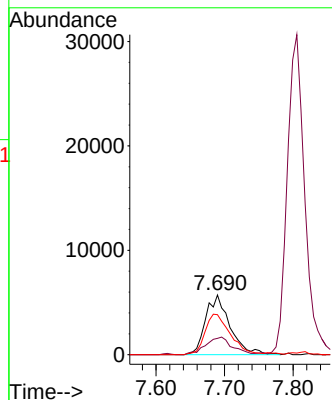
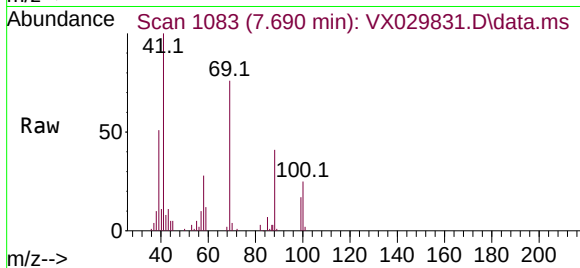
Tgt Ion: 88 Resp: 14071

Ion Ratio Lower Upper

88 100

43 32.4 23.8 35.8

58 70.5 53.8 80.6



#50

Toluene-d8

Concen: 8.319 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX029831.D

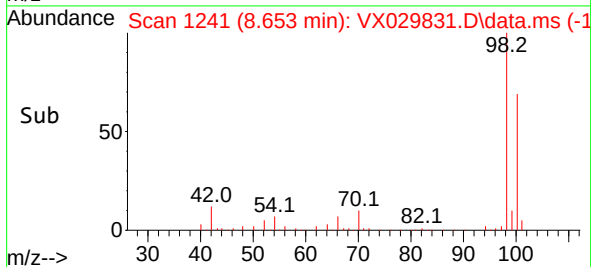
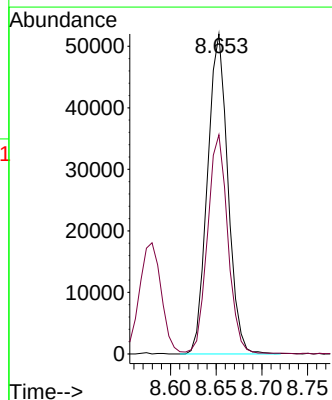
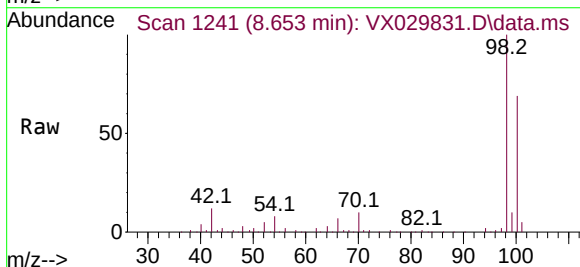
Acq: 28 Jun 2022 15:39

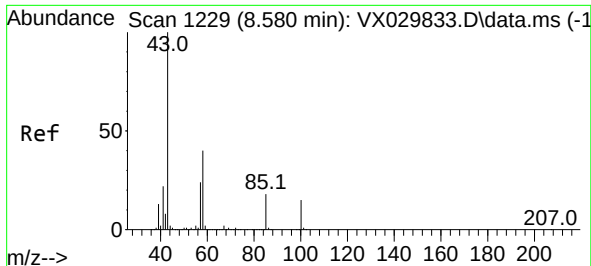
Tgt Ion: 98 Resp: 80572

Ion Ratio Lower Upper

98 100

100 67.7 52.3 78.5

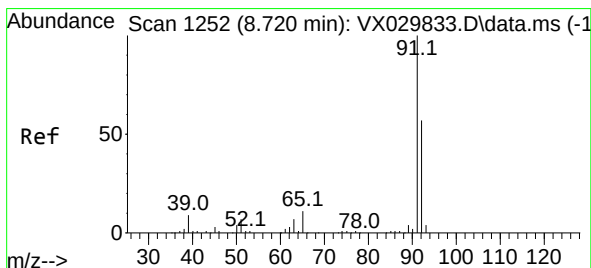
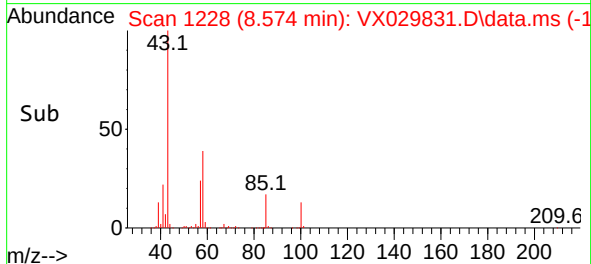
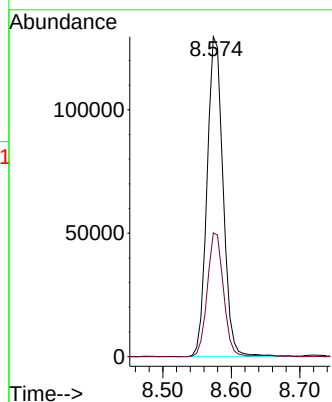
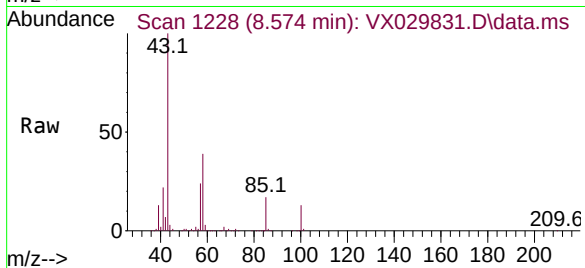




#51  
4-Methyl-2-Pentanone  
Concen: 46.438 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

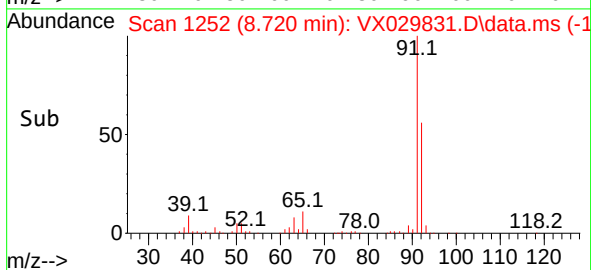
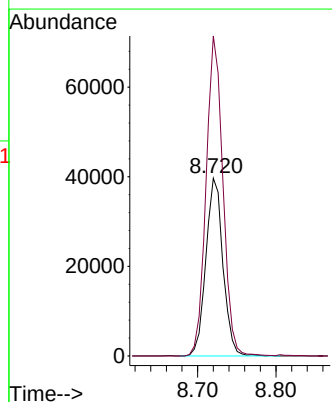
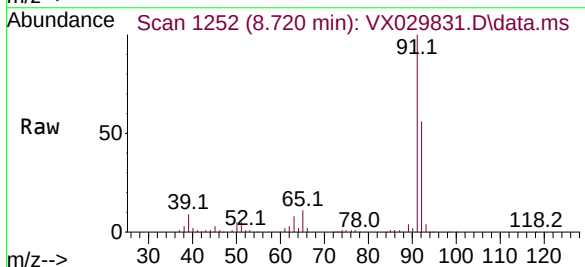
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

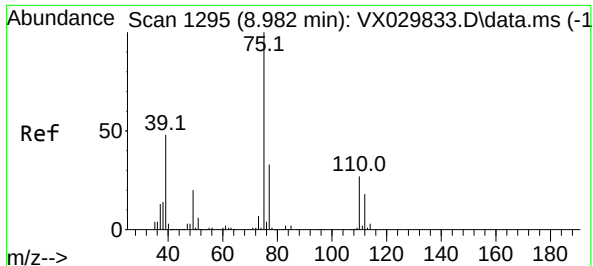
Tgt Ion: 43 Resp: 210862  
Ion Ratio Lower Upper  
43 100  
58 39.0 31.4 47.2



#52  
Toluene  
Concen: 8.891 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 92 Resp: 59969  
Ion Ratio Lower Upper  
92 100  
91 177.2 139.2 208.8

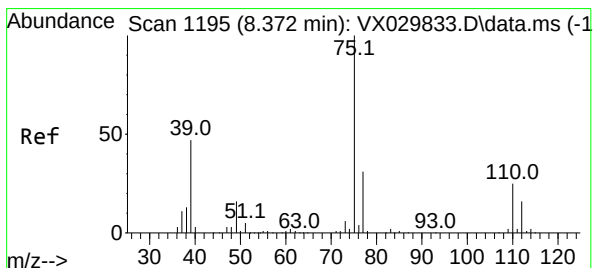
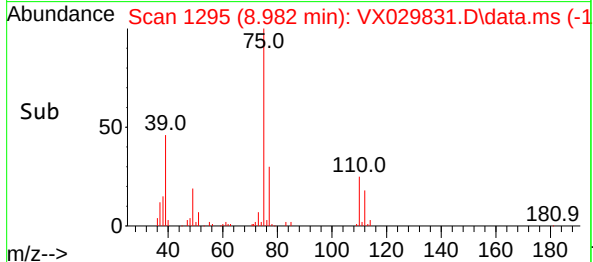
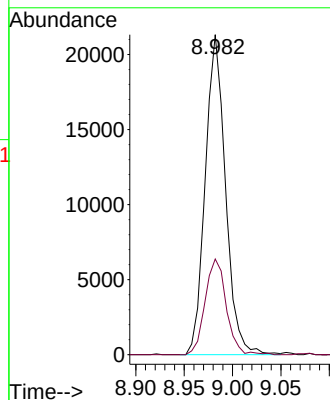
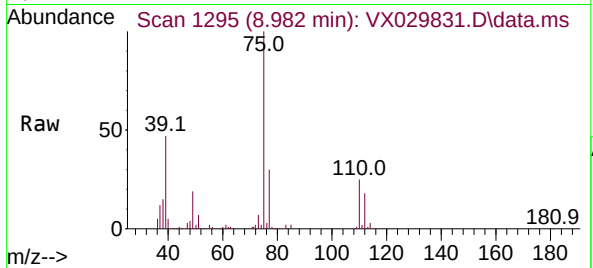




#53  
t-1,3-Dichloropropene  
Concen: 8.397 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

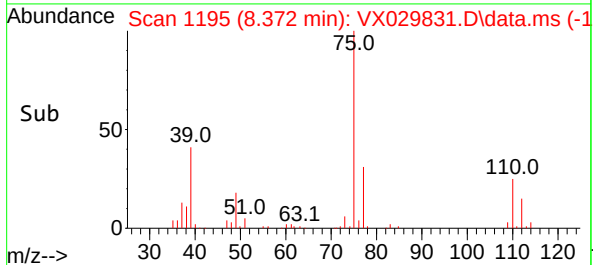
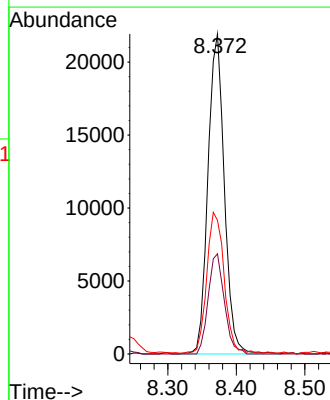
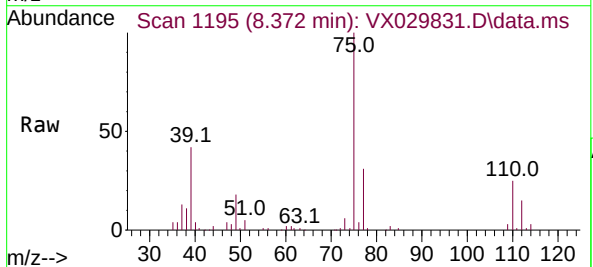
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

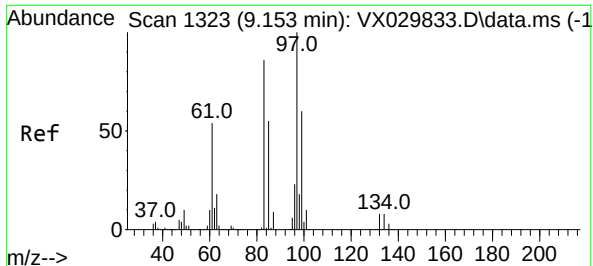
Tgt Ion: 75 Resp: 31096  
Ion Ratio Lower Upper  
75 100  
77 29.9 26.3 39.5



#54  
cis-1,3-Dichloropropene  
Concen: 8.457 ug/l  
RT: 8.372 min Scan# 1195  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 75 Resp: 36427  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.0 37.4  
39 41.5 37.5 56.3

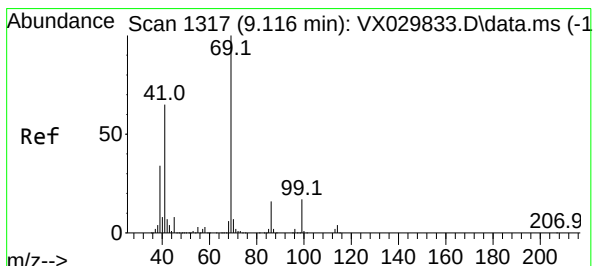
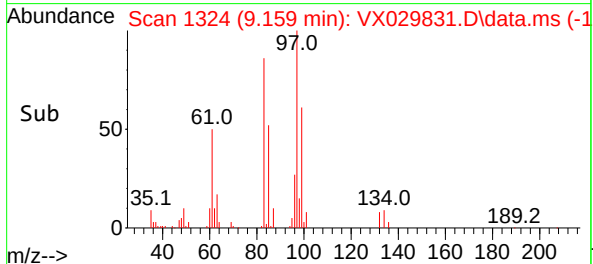
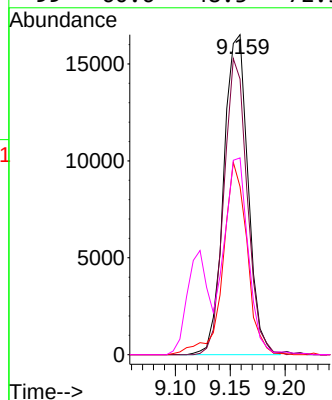
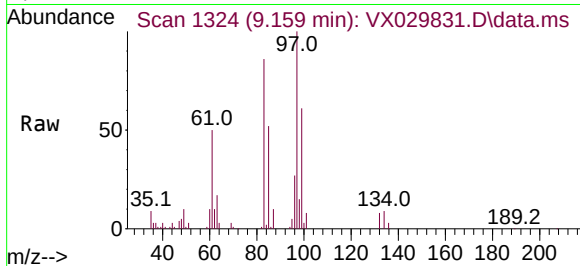




#55  
1,1,2-Trichloroethane  
Concen: 8.886 ug/l  
RT: 9.159 min Scan# 1318  
Delta R.T. 0.006 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

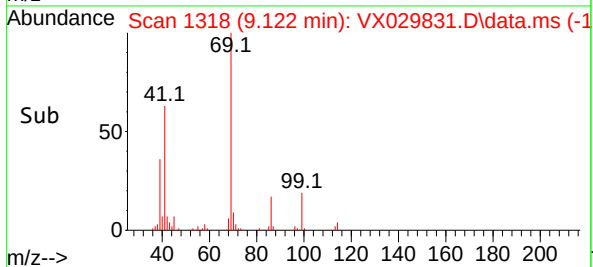
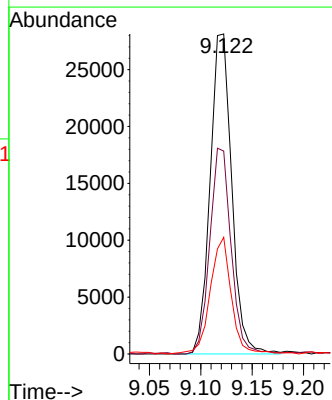
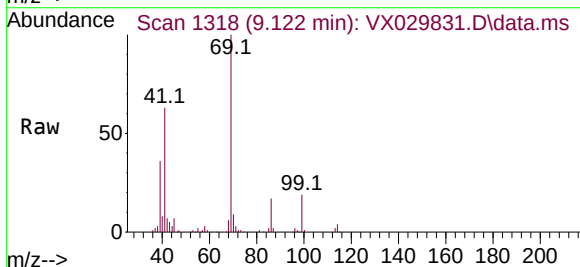
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 25438 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.2     | 68.9 103.3  |
| 85 52.1     | 44.0 66.0   |
| 99 60.6     | 48.3 72.5   |

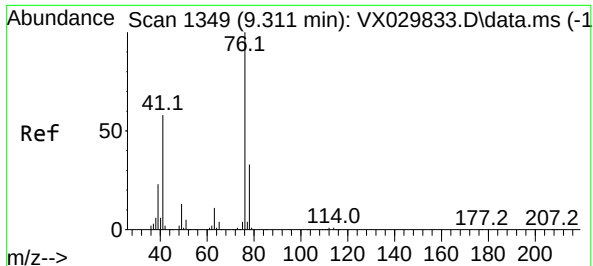


#56  
Ethyl methacrylate  
Concen: 8.885 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.006 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 41099 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 63.4     | 52.3 78.5   |
| 39 35.8     | 28.2 42.4   |







#57

1,3-Dichloropropane

Concen: 8.898 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

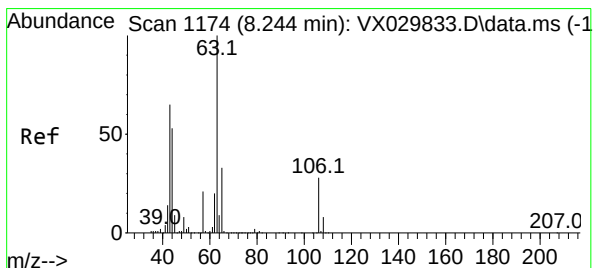
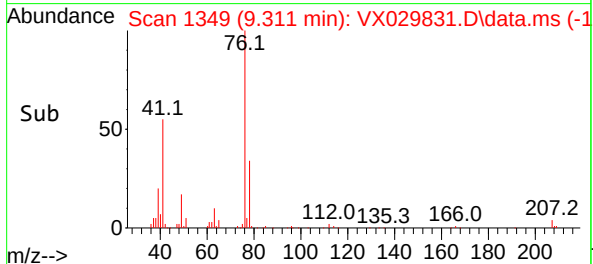
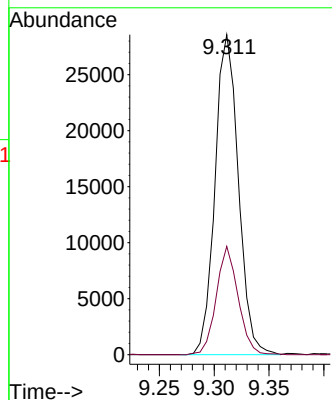
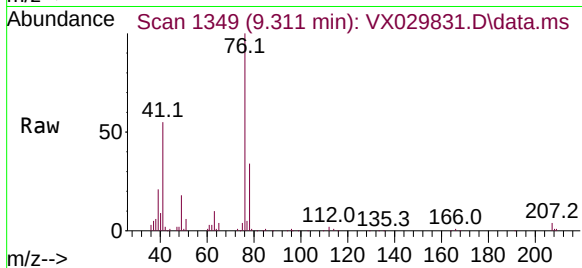
VSTDIC010

Tgt Ion: 76 Resp: 42391

Ion Ratio Lower Upper

76 100

78 31.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 43.521 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX029831.D

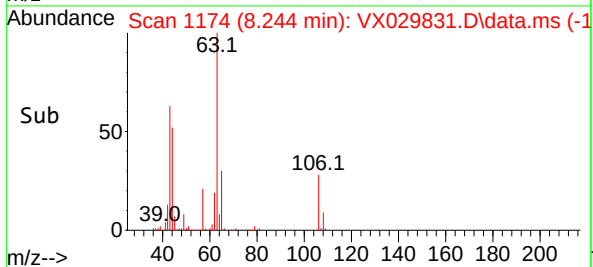
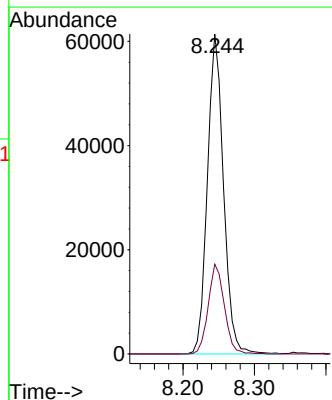
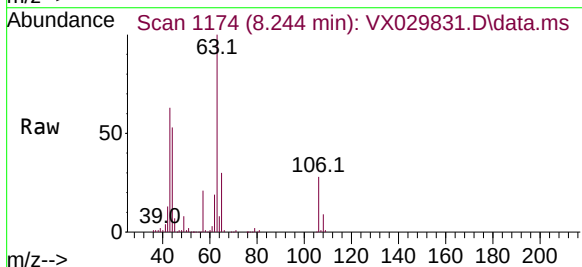
Acq: 28 Jun 2022 15:39

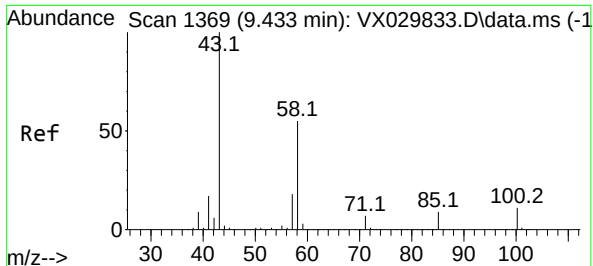
Tgt Ion: 63 Resp: 96025

Ion Ratio Lower Upper

63 100

106 28.2 22.2 33.2





#59

2-Hexanone

Concen: 46.339 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

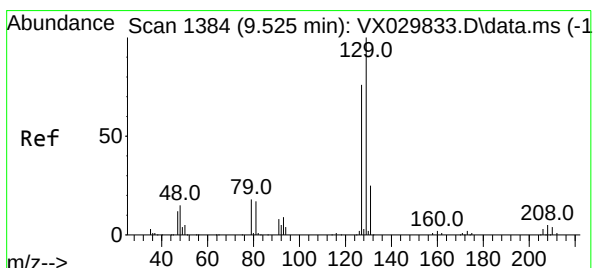
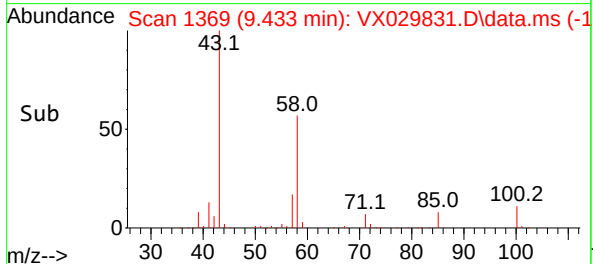
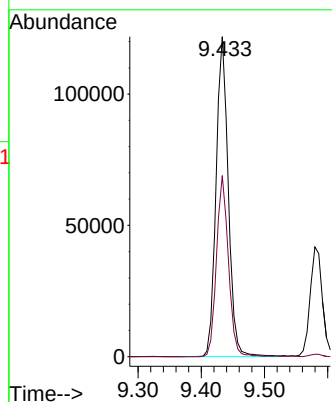
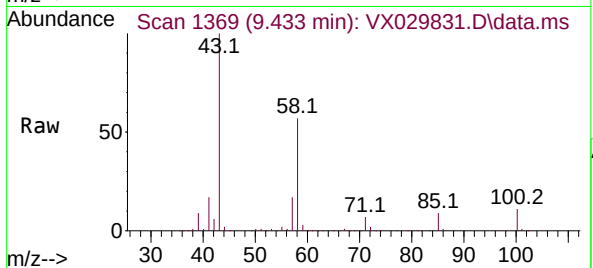
VSTDIC010

Tgt Ion: 43 Resp: 163026

Ion Ratio Lower Upper

43 100

58 55.3 27.6 82.8



#60

Dibromochloromethane

Concen: 9.135 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX029831.D

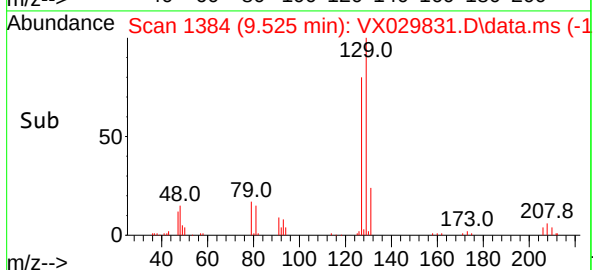
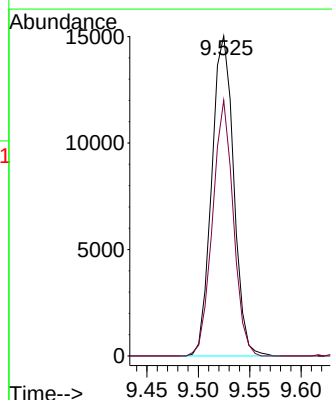
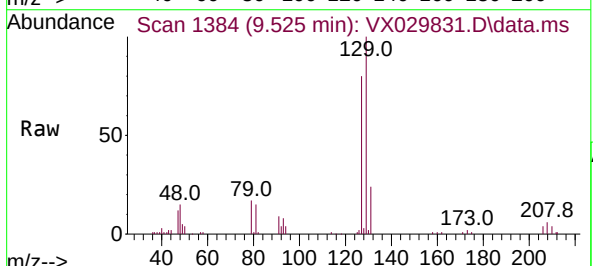
Acq: 28 Jun 2022 15:39

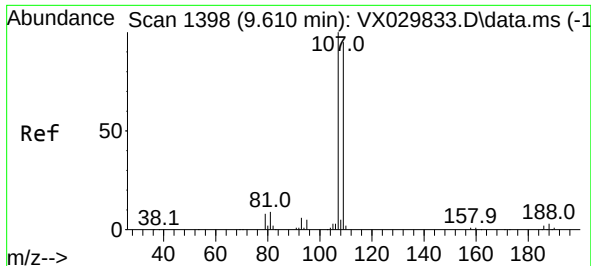
Tgt Ion: 129 Resp: 22331

Ion Ratio Lower Upper

129 100

127 75.3 38.5 115.5

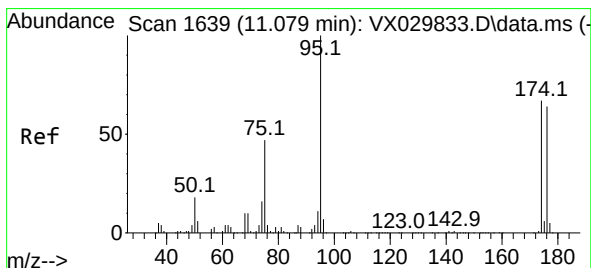
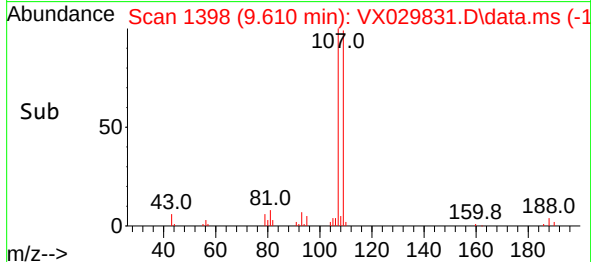
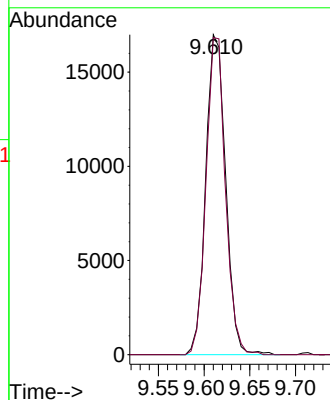
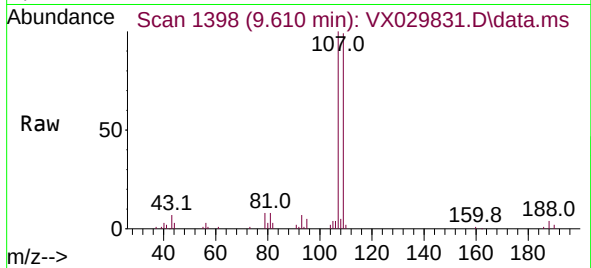




#61  
1,2-Dibromoethane  
Concen: 9.044 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

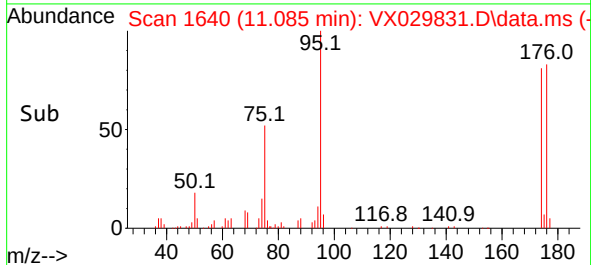
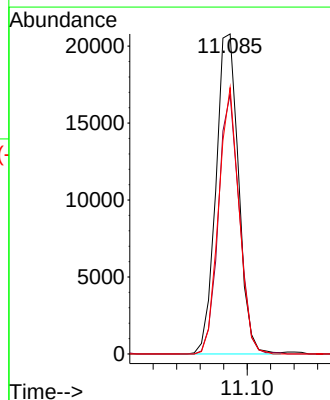
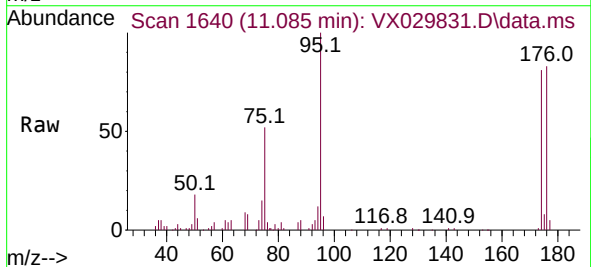
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

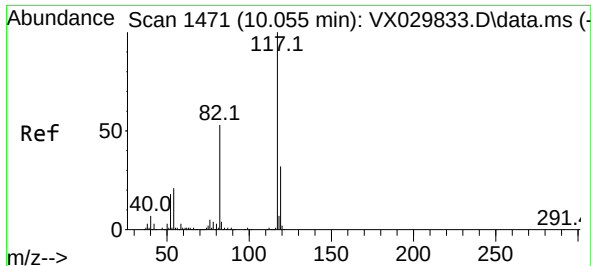
Tgt Ion:107 Resp: 25644  
Ion Ratio Lower Upper  
107 100  
109 96.6 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 7.889 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 95 Resp: 27804  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 149.0  
176 75.4 0.0 146.0

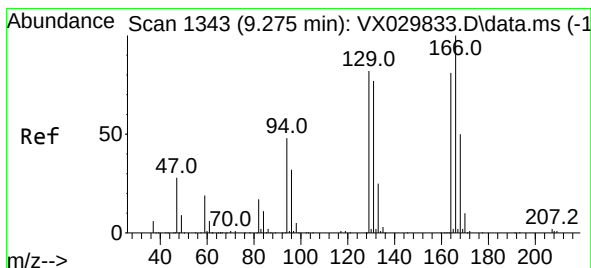
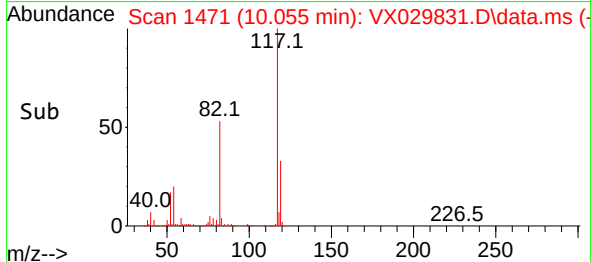
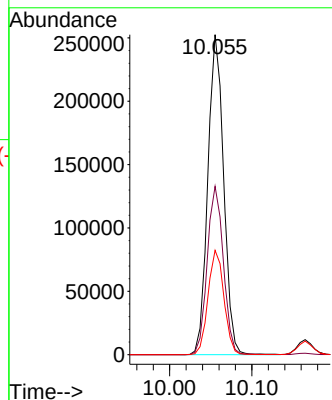
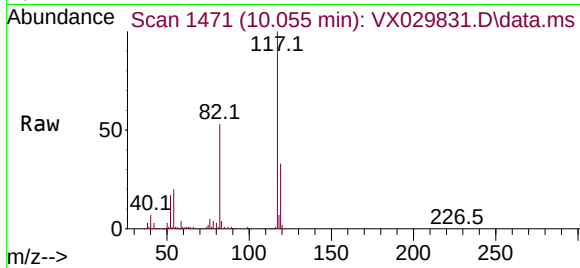




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

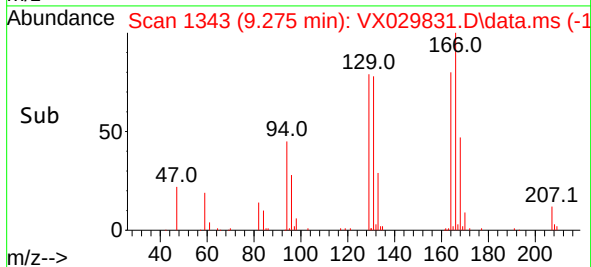
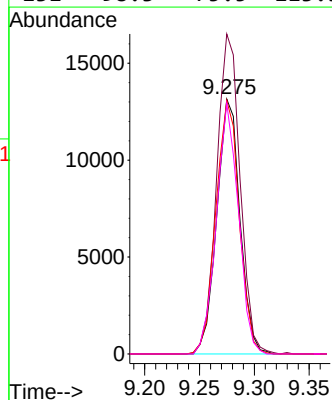
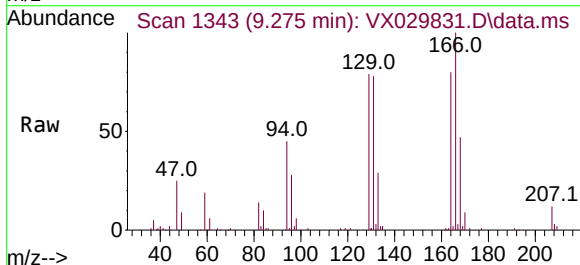
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

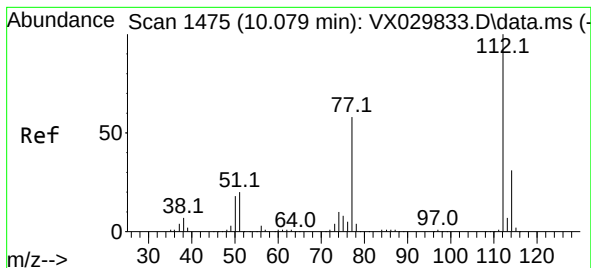
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 337681 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 52.6  | 42.7  | 64.1   |
| 119      | 32.6  | 25.4  | 38.2   |



#64  
Tetrachloroethene  
Concen: 9.846 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 19304 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 125.6 | 98.2  | 147.4 |
| 129      | 99.5  | 80.8  | 121.2 |
| 131      | 98.3  | 75.5  | 113.3 |

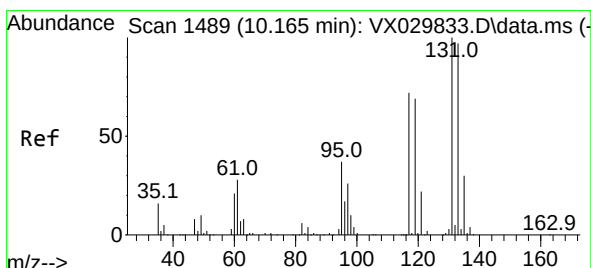
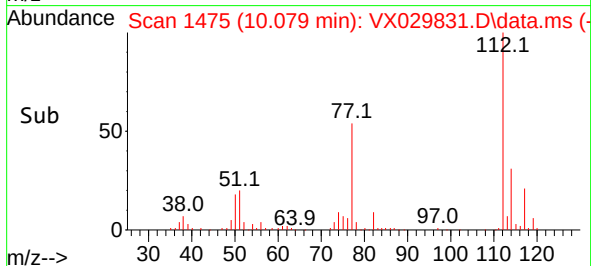
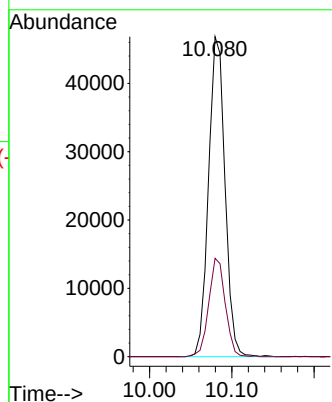
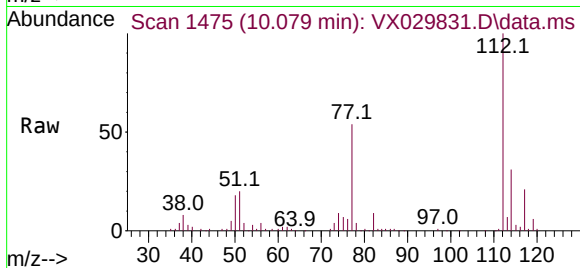




#65  
Chlorobenzene  
Concen: 9.151 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

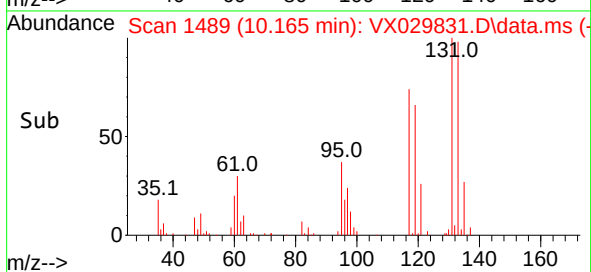
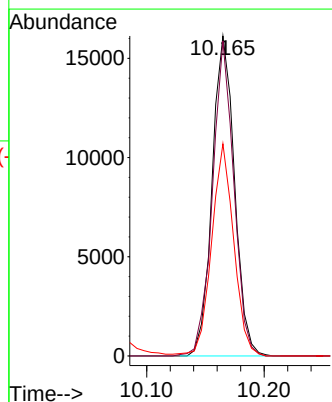
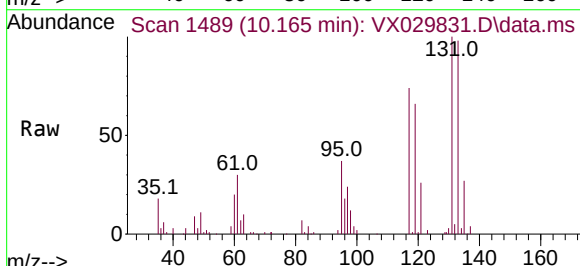
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

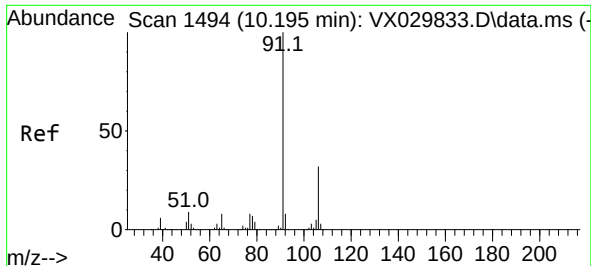
Tgt Ion:112 Resp: 65089  
Ion Ratio Lower Upper  
112 100  
114 30.7 24.6 36.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 9.182 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion:131 Resp: 21269  
Ion Ratio Lower Upper  
131 100  
133 94.3 46.9 140.8  
119 65.7 34.4 103.1





#67

Ethyl Benzene

Concen: 8.902 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

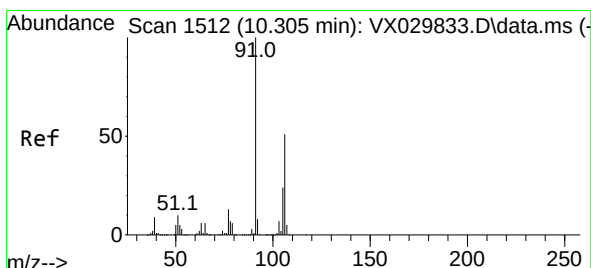
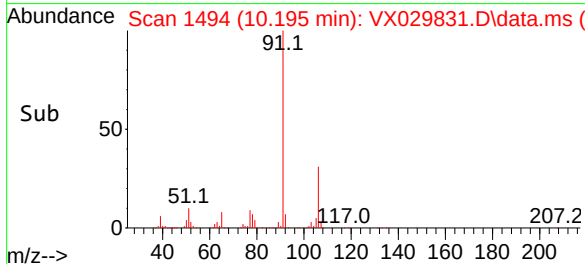
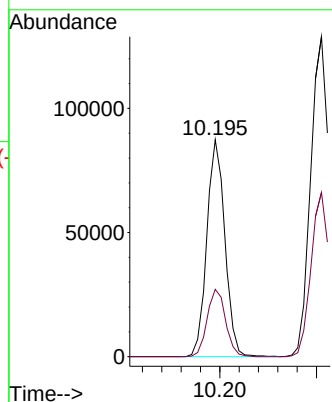
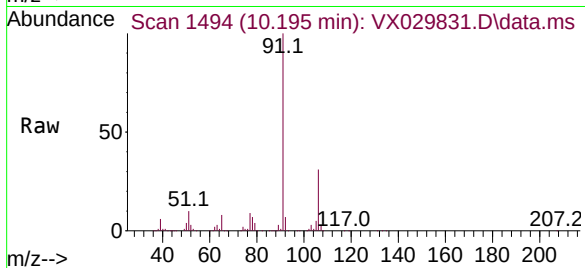
VSTDIC010

Tgt Ion: 91 Resp: 113530

Ion Ratio Lower Upper

91 100

106 31.1 25.5 38.3



#68

m/p-Xylenes

Concen: 18.229 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX029831.D

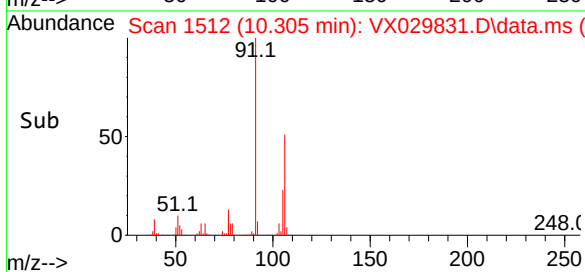
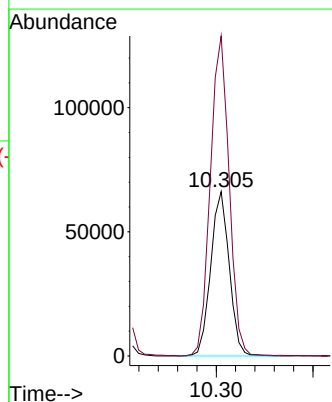
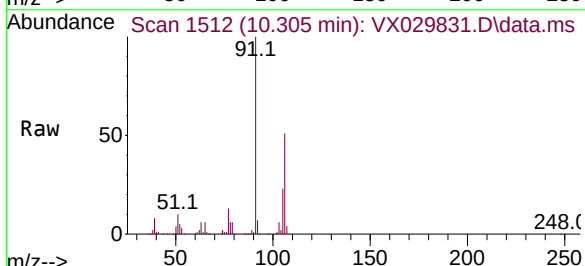
Acq: 28 Jun 2022 15:39

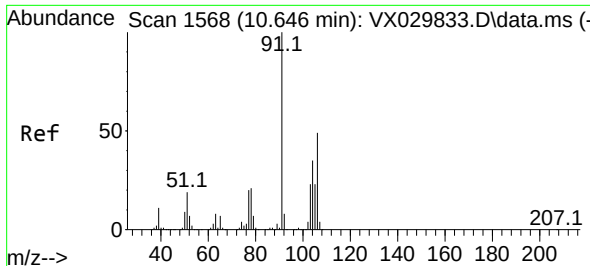
Tgt Ion: 106 Resp: 87855

Ion Ratio Lower Upper

106 100

91 198.9 158.2 237.4

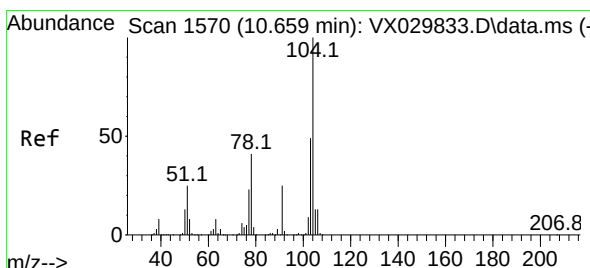
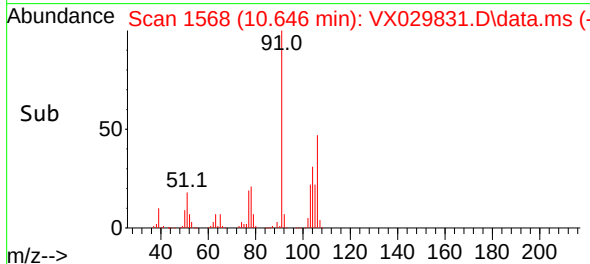
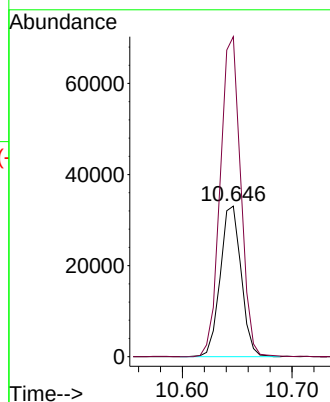
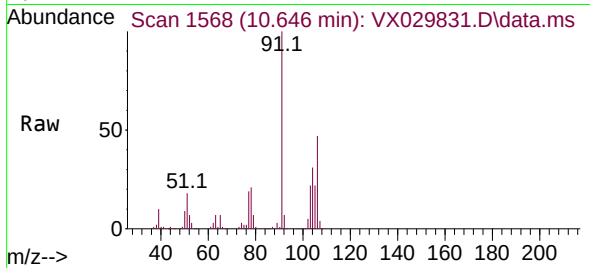




#69  
o-Xylene  
Concen: 9.141 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

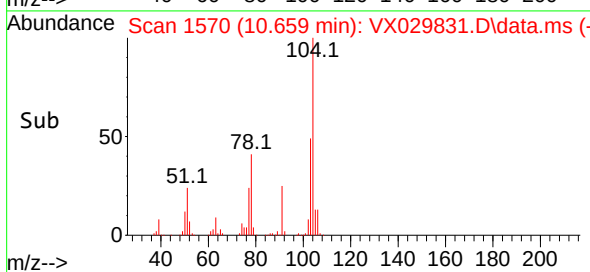
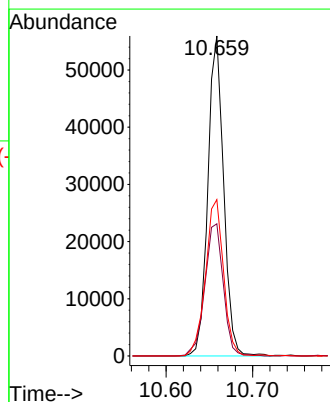
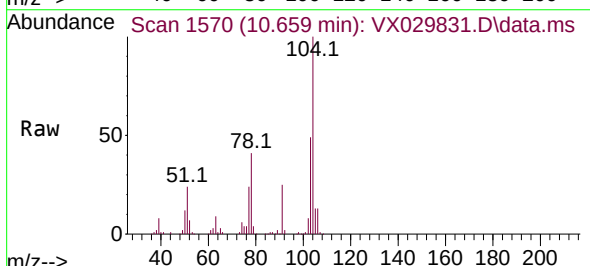
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

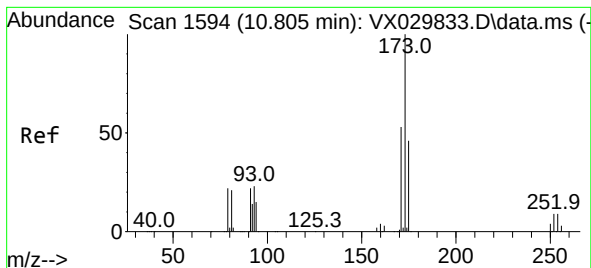
Tgt Ion:106 Resp: 43873  
Ion Ratio Lower Upper  
106 100  
91 208.0 103.8 311.6



#70  
Styrene  
Concen: 8.981 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion:104 Resp: 70864  
Ion Ratio Lower Upper  
104 100  
78 48.3 37.8 56.8  
103 55.6 44.5 66.7





#71

Bromoform

Concen: 9.375 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

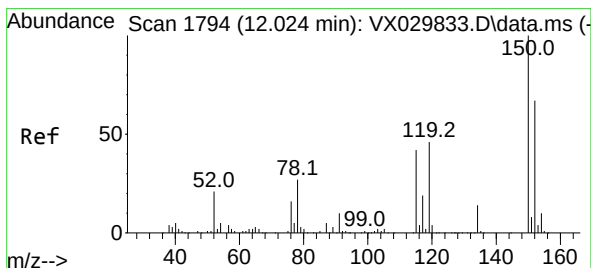
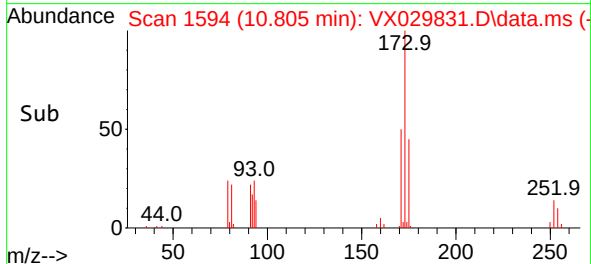
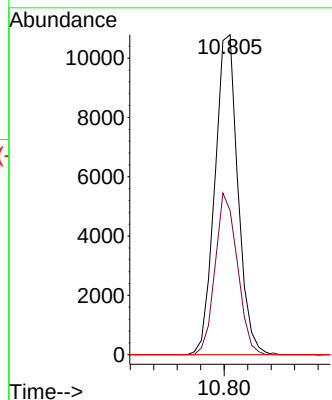
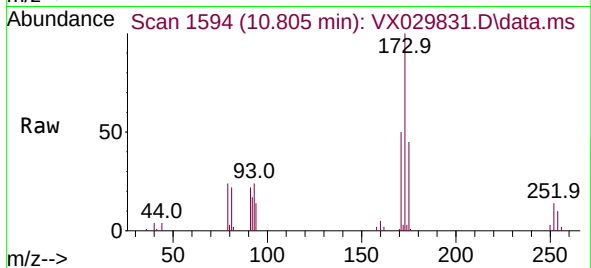
Tgt Ion:173 Resp: 14719

Ion Ratio Lower Upper

173 100

175 48.8 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: VX029831.D

Acq: 28 Jun 2022 15:39

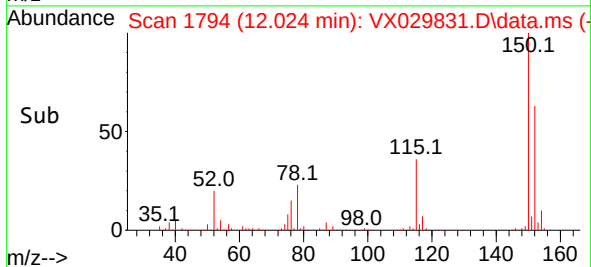
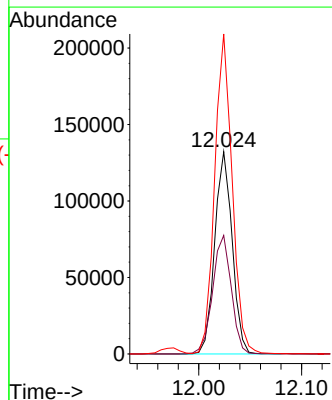
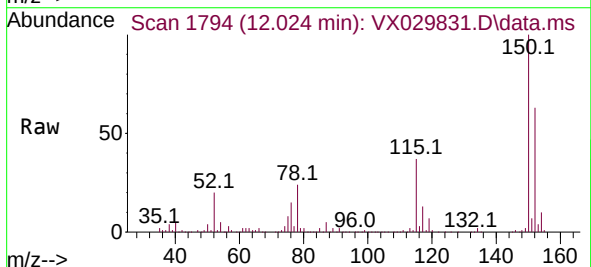
Tgt Ion:152 Resp: 155559

Ion Ratio Lower Upper

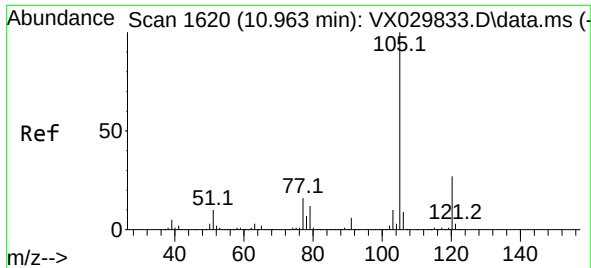
152 100

115 62.7 40.5 121.5

150 158.5 0.0 347.0



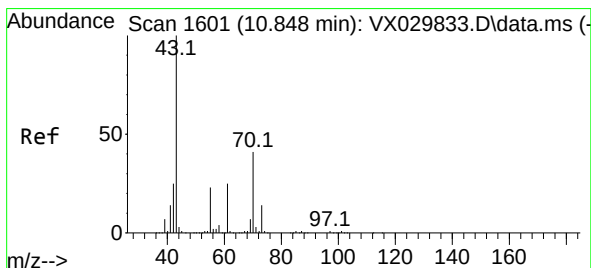
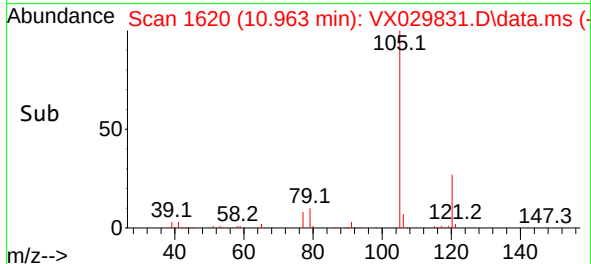
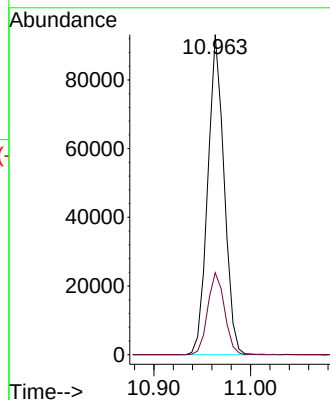
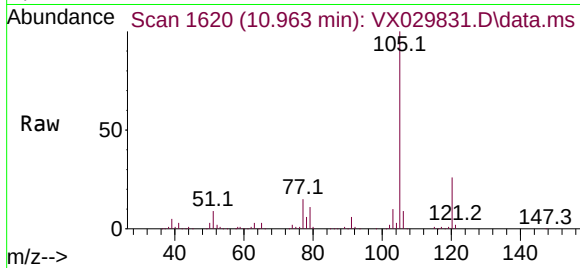




#73  
Isopropylbenzene  
Concen: 8.653 ug/l  
RT: 10.963 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

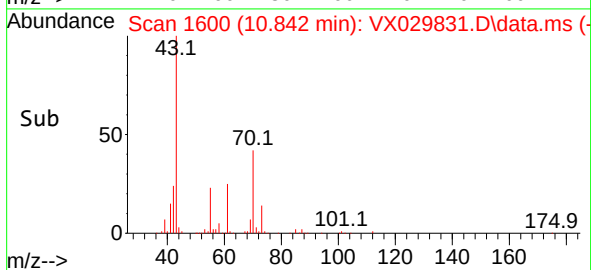
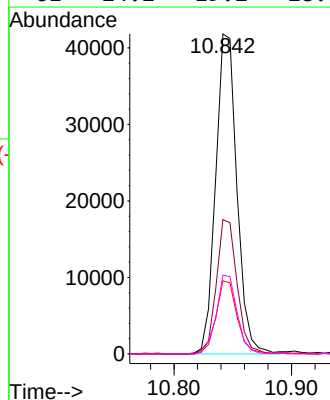
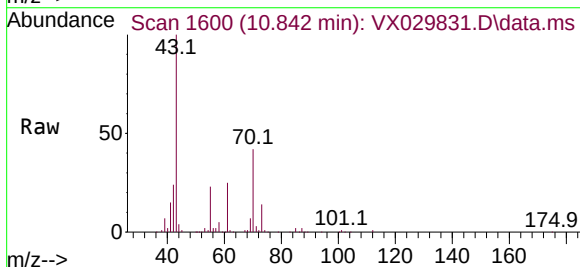
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

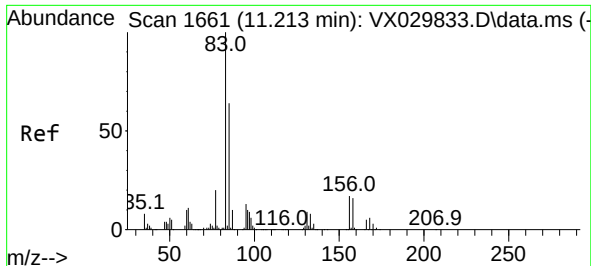
Tgt Ion:105 Resp: 109516  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.5 40.4



#74  
N-ethyl acetate  
Concen: 8.553 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.006 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 43 Resp: 52747  
Ion Ratio Lower Upper  
43 100  
70 40.9 32.3 48.5  
55 22.8 18.4 27.6  
61 24.2 19.2 28.8

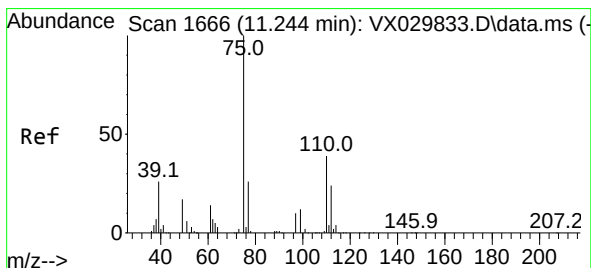
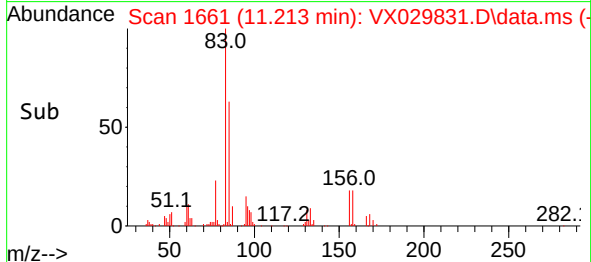
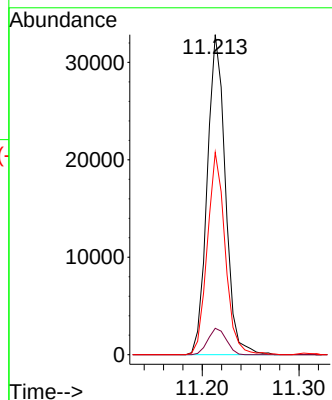
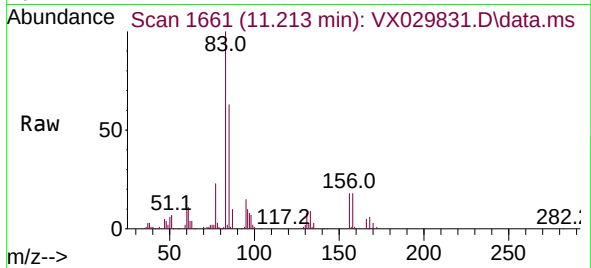




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 8.604 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX029831.D  
 Acq: 28 Jun 2022 15:39

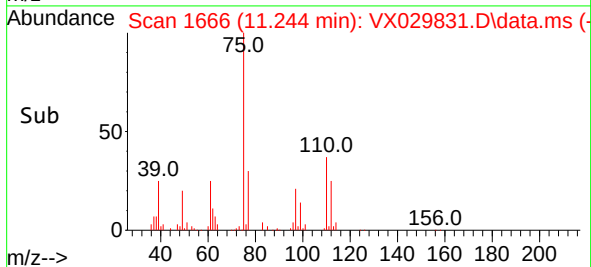
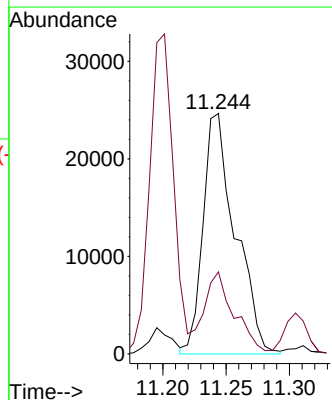
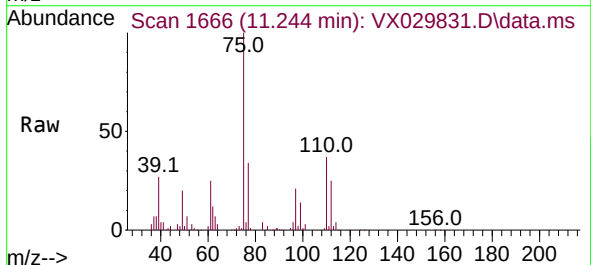
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC010

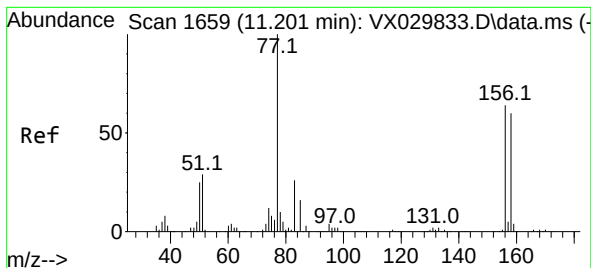
Tgt Ion: 83 Resp: 42898  
 Ion Ratio Lower Upper  
 83 100  
 131 8.3 4.5 13.7  
 85 62.4 32.5 97.5



#76  
 1,2,3-Trichloropropane  
 Concen: 10.137 ug/l  
 RT: 11.244 min Scan# 1666  
 Delta R.T. 0.000 min  
 Lab File: VX029831.D  
 Acq: 28 Jun 2022 15:39

Tgt Ion: 75 Resp: 43923  
 Ion Ratio Lower Upper  
 75 100  
 77 30.2 19.8 59.3





#77

Bromobenzene

Concen: 9.071 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

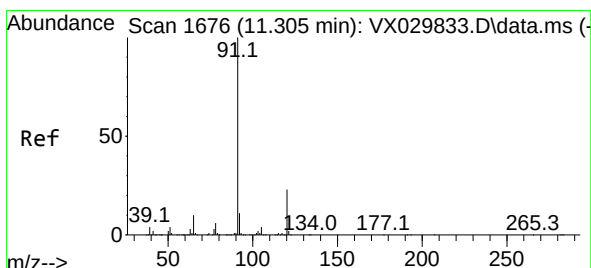
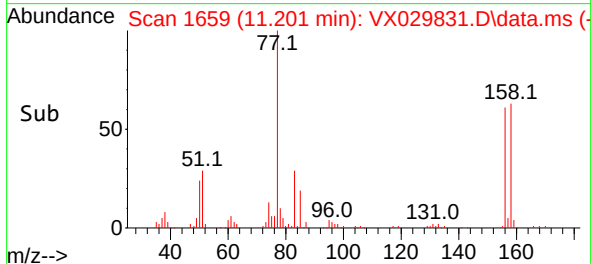
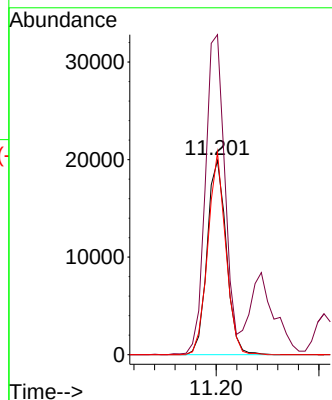
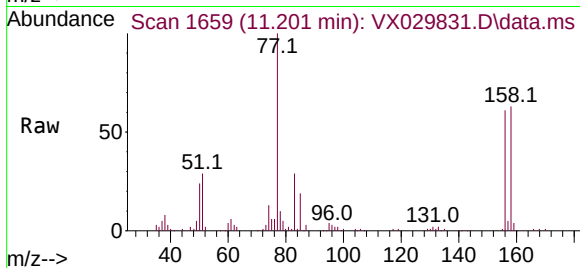
Tgt Ion:156 Resp: 25790

Ion Ratio Lower Upper

156 100

77 170.8 82.7 247.9

158 97.3 47.5 142.5



#78

n-propylbenzene

Concen: 8.350 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX029831.D

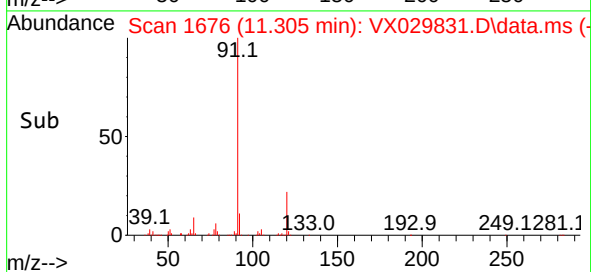
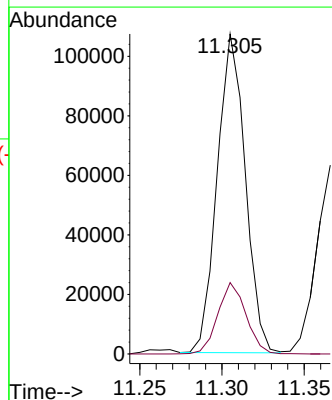
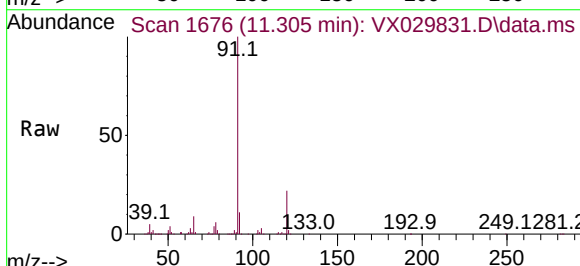
Acq: 28 Jun 2022 15:39

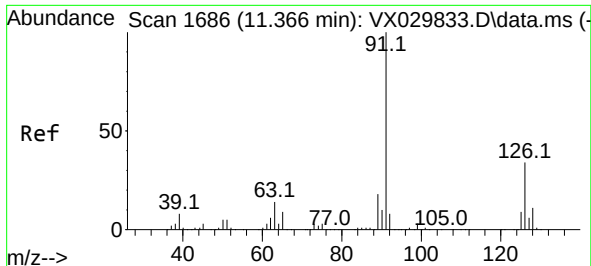
Tgt Ion: 91 Resp: 127206

Ion Ratio Lower Upper

91 100

120 22.5 11.6 34.8

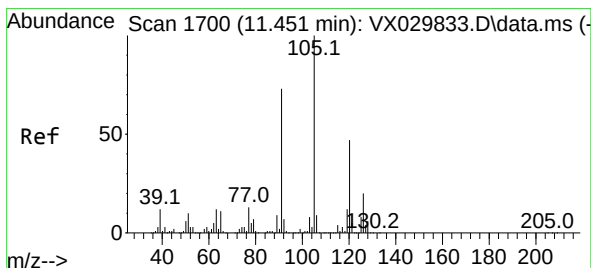
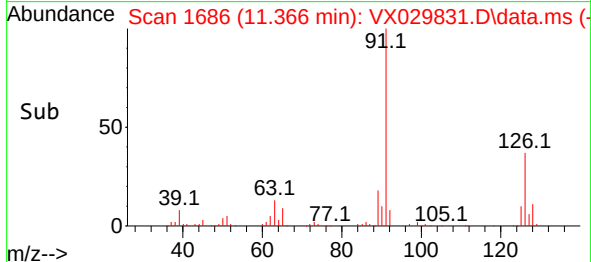
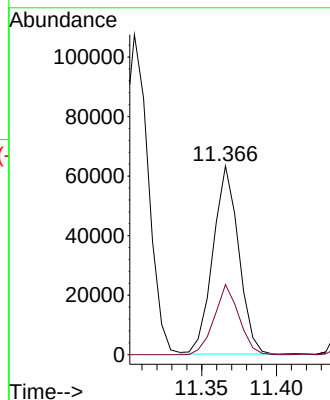
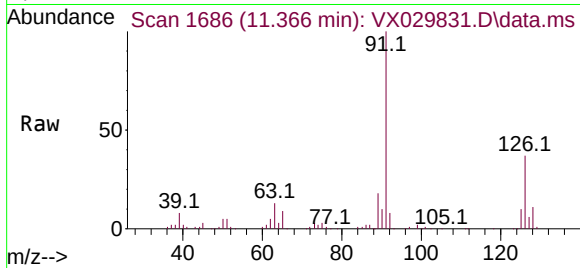




#79  
2-Chlorotoluene  
Concen: 8.216 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

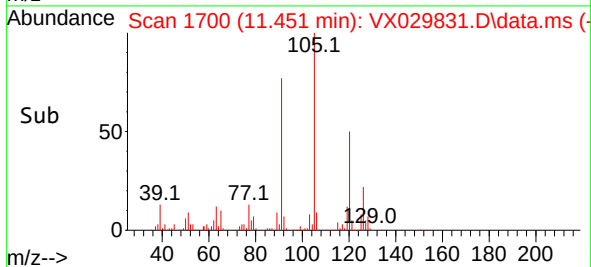
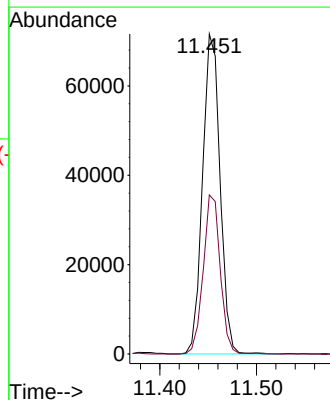
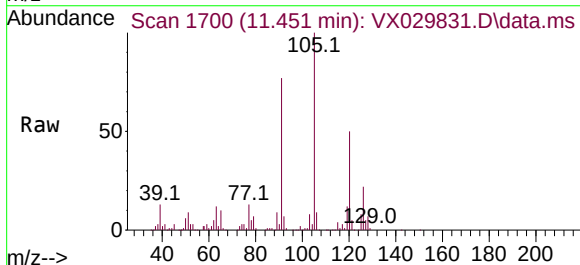
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

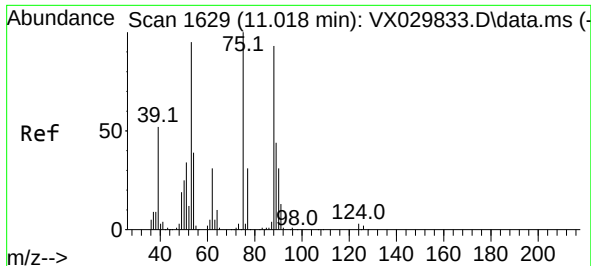
Tgt Ion: 91 Resp: 75731  
Ion Ratio Lower Upper  
91 100  
126 35.8 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 8.486 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 105 Resp: 90047  
Ion Ratio Lower Upper  
105 100  
120 48.4 24.4 73.2

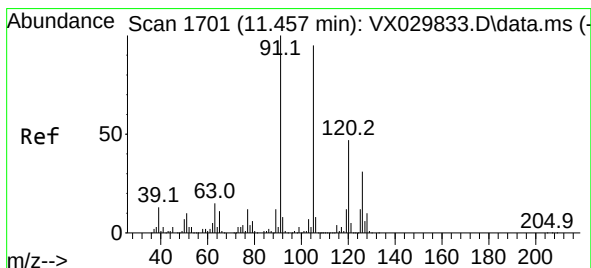
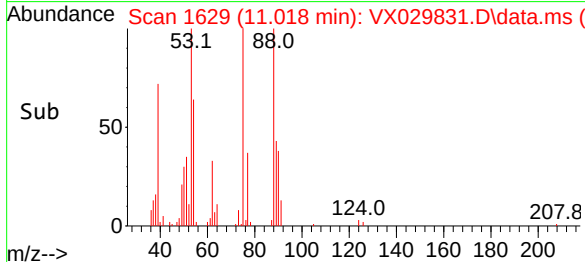
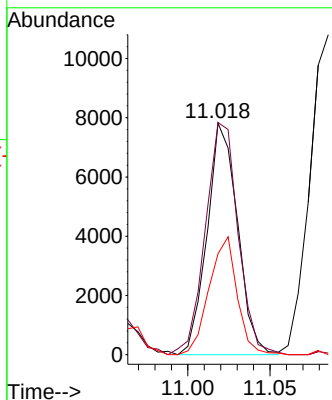
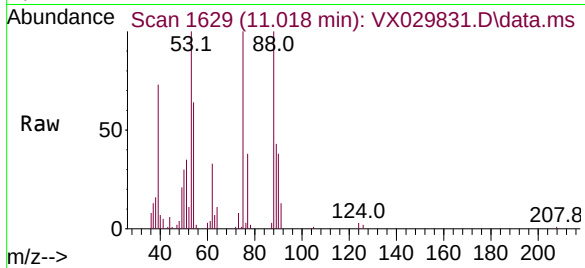




#81  
trans-1,4-Dichloro-2-butene  
Concen: 7.135 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

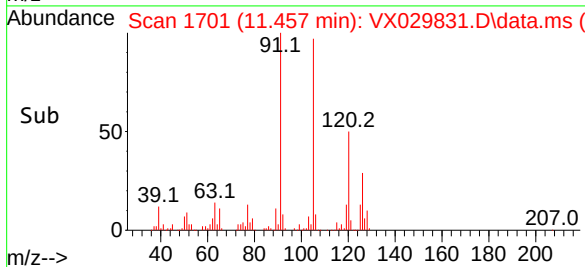
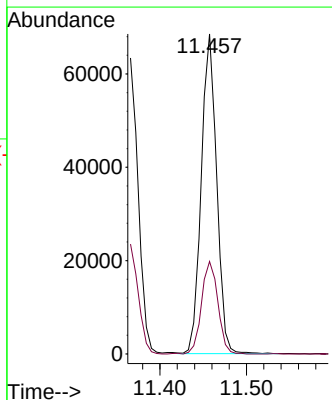
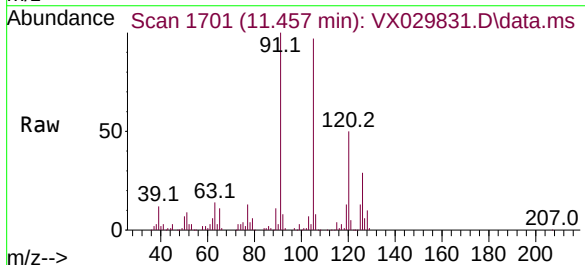
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

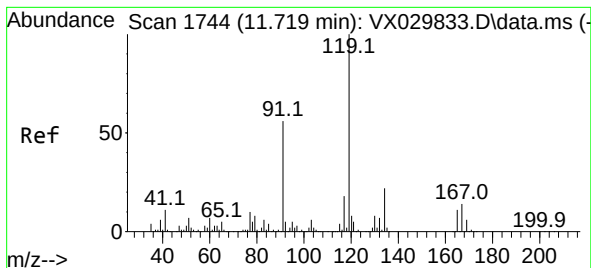
Tgt Ion: 75 Resp: 10077  
Ion Ratio Lower Upper  
75 100  
53 107.3 74.2 111.4  
89 46.8 34.8 52.2



#82  
4-Chlorotoluene  
Concen: 8.083 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion: 91 Resp: 84640  
Ion Ratio Lower Upper  
91 100  
126 30.7 15.3 45.9





#83

tert-Butylbenzene

Concen: 8.639 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VX029831.D

Acq: 28 Jun 2022 15:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC010

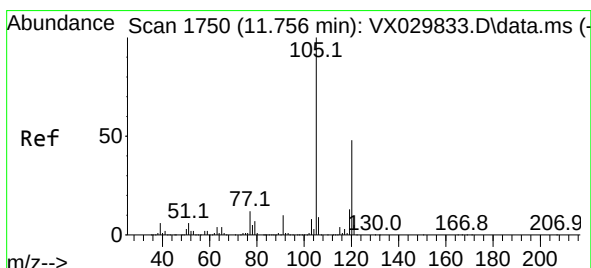
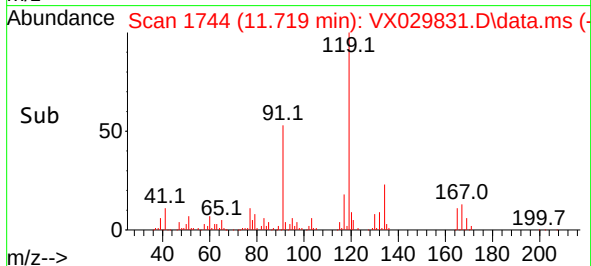
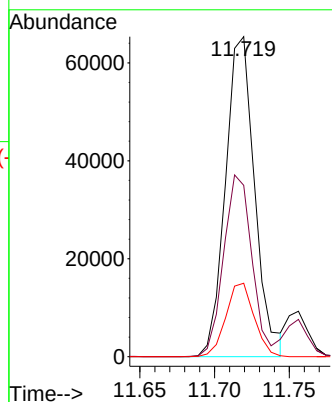
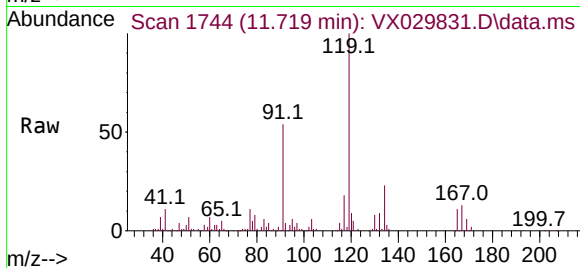
Tgt Ion:119 Resp: 88970

Ion Ratio Lower Upper

119 100

91 54.8 28.3 84.9

134 22.3 11.2 33.5



#84

1,2,4-Trimethylbenzene

Concen: 8.448 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX029831.D

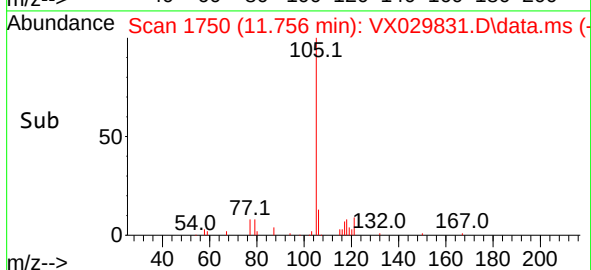
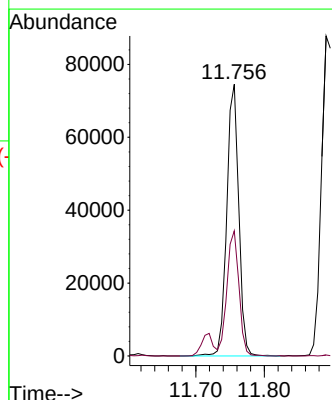
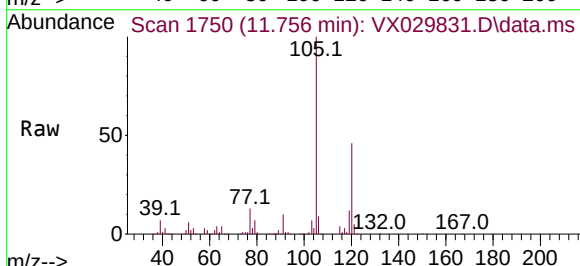
Acq: 28 Jun 2022 15:39

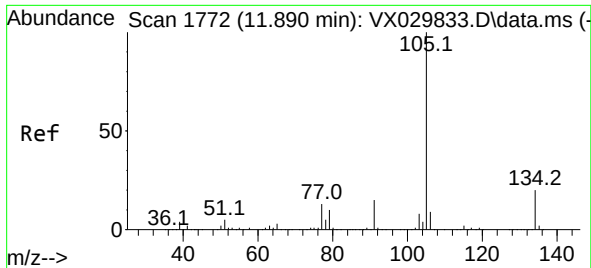
Tgt Ion:105 Resp: 90265

Ion Ratio Lower Upper

105 100

120 46.1 22.9 68.8

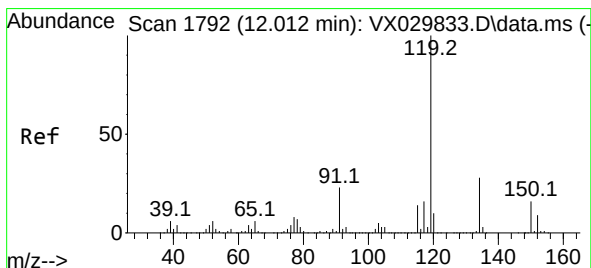
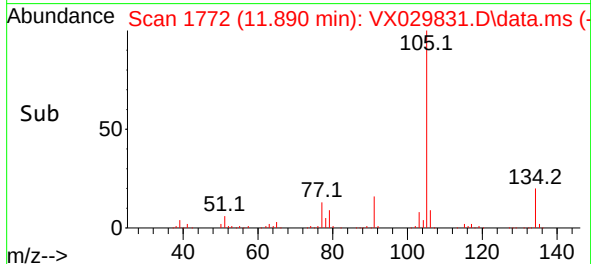
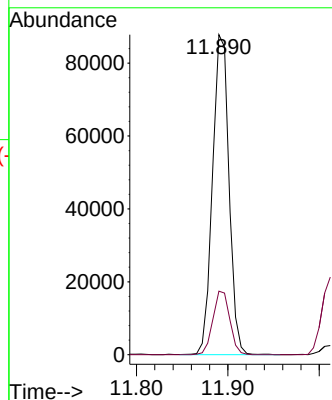
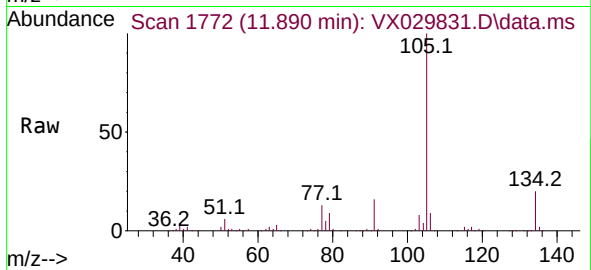




#85  
 sec-Butylbenzene  
 Concen: 8.245 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX029831.D  
 Acq: 28 Jun 2022 15:39

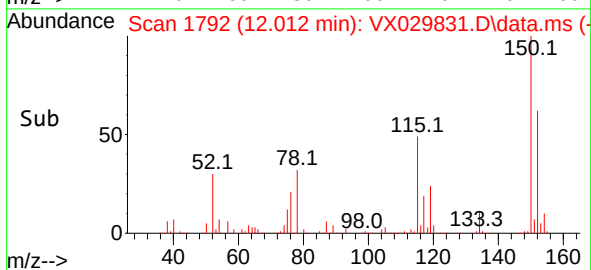
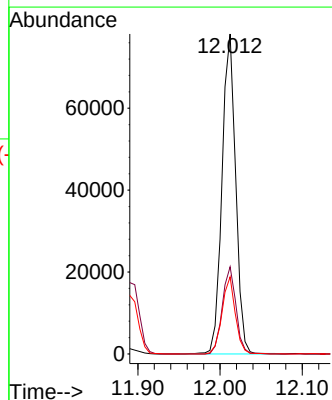
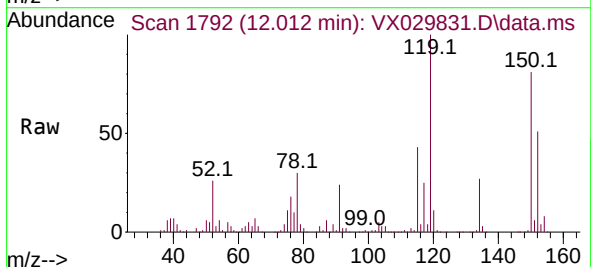
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC010

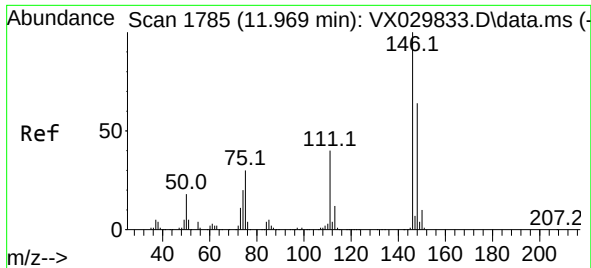
Tgt Ion:105 Resp: 109877  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 8.565 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX029831.D  
 Acq: 28 Jun 2022 15:39

Tgt Ion:119 Resp: 90277  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 13.9 41.6  
 91 23.5 11.8 35.3

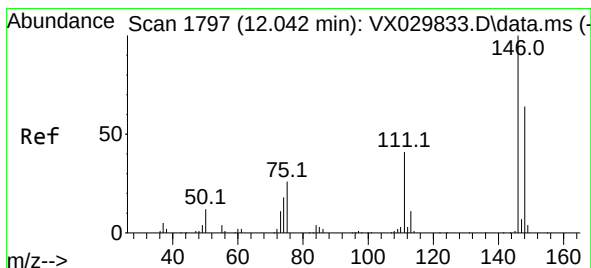
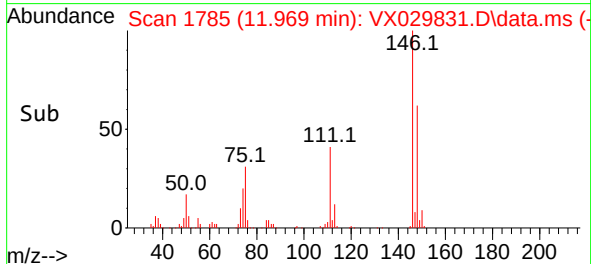
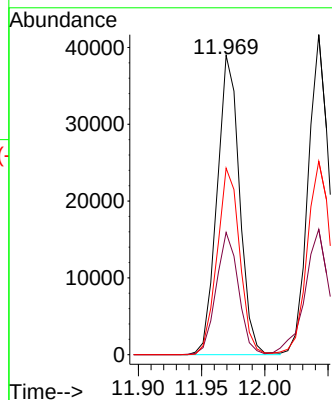
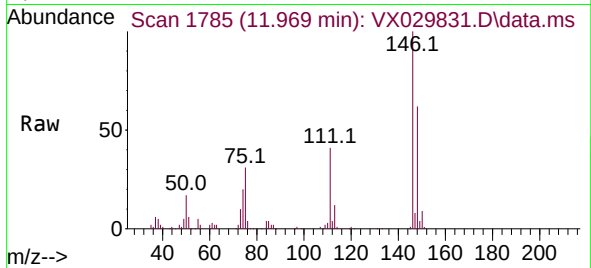




#87  
1,3-Dichlorobenzene  
Concen: 8.865 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

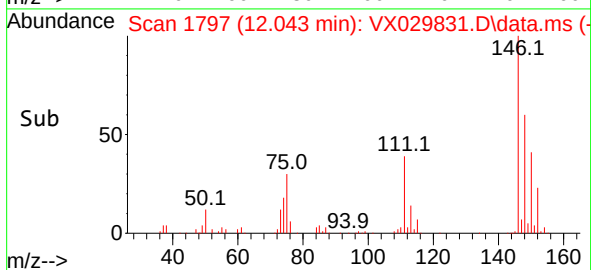
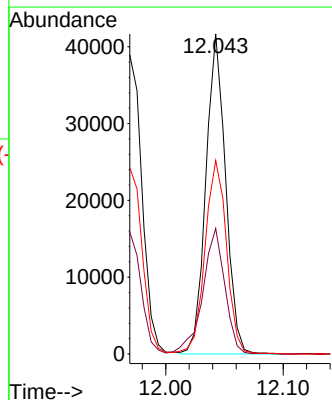
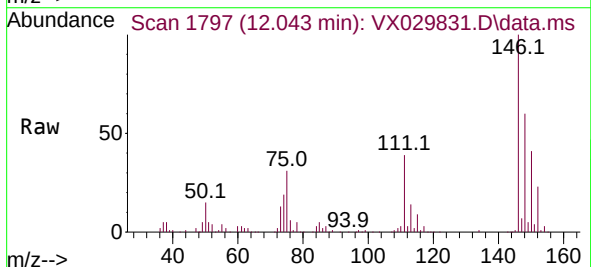
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

Tgt Ion:146 Resp: 48036  
Ion Ratio Lower Upper  
146 100  
111 40.6 20.3 60.8  
148 62.9 31.8 95.3

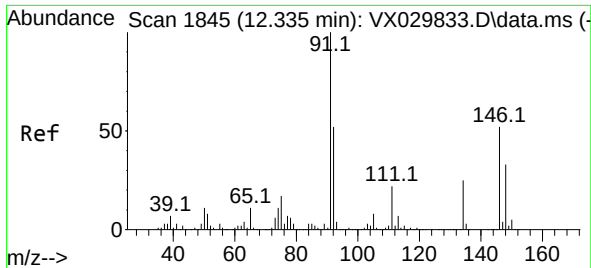


#88  
1,4-Dichlorobenzene  
Concen: 8.840 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion:146 Resp: 48582  
Ion Ratio Lower Upper  
146 100  
111 44.2 20.3 60.9  
148 66.1 32.3 96.8



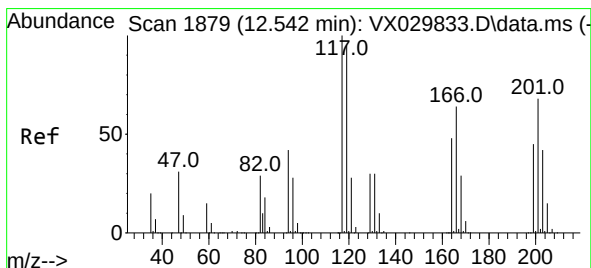
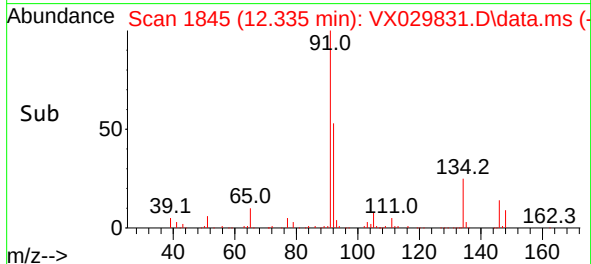
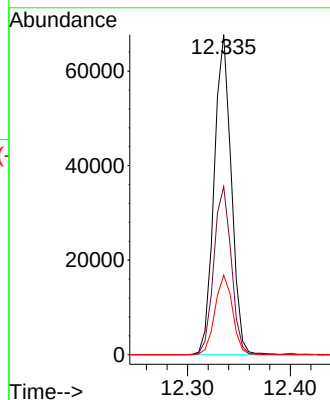
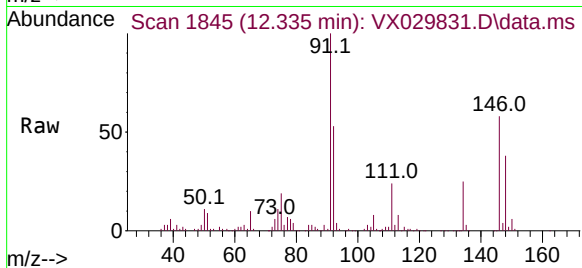




#89  
n-Butylbenzene  
Concen: 7.984 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

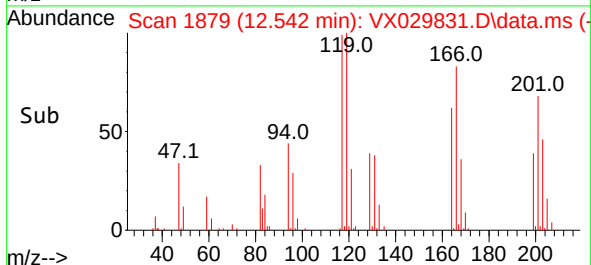
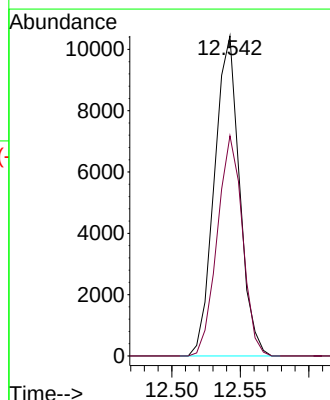
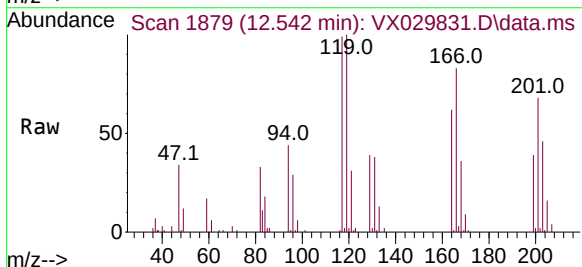
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MSVOA\_X  
ClientSampleId :  
VSTDIC010

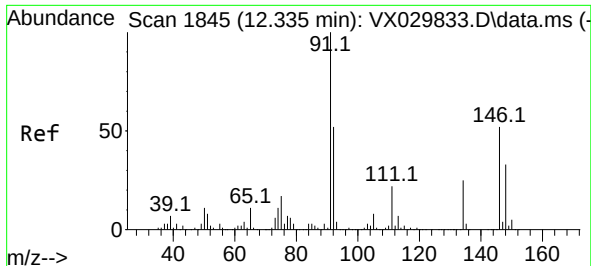
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 78622 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 53.4  | 26.2  | 78.5  |
| 134      | 25.4  | 12.6  | 37.8  |



#90  
Hexachloroethane  
Concen: 8.330 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 13296 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 68.9  | 34.2  | 102.5 |

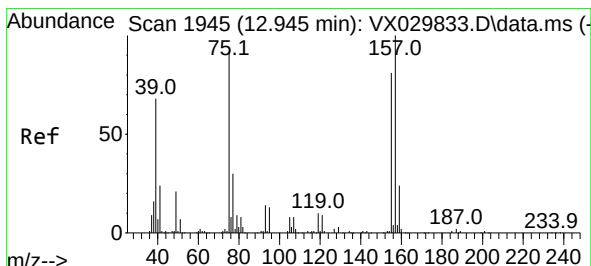
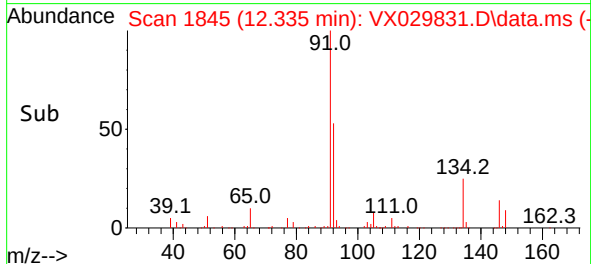
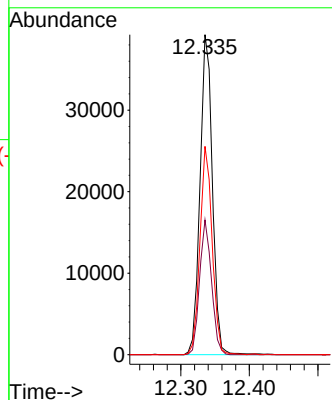
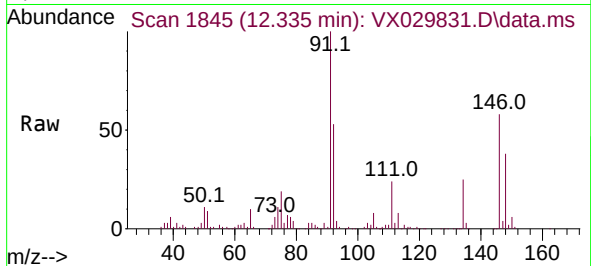




#91  
 1,2-Dichlorobenzene  
 Concen: 9.123 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX029831.D  
 Acq: 28 Jun 2022 15:39

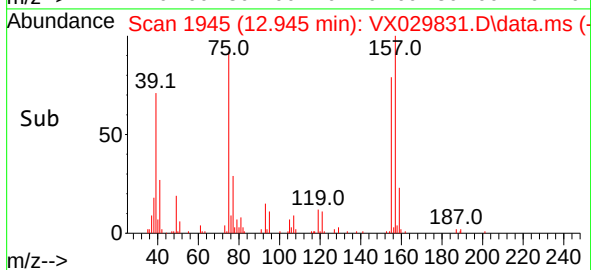
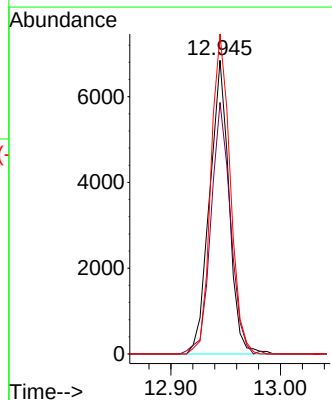
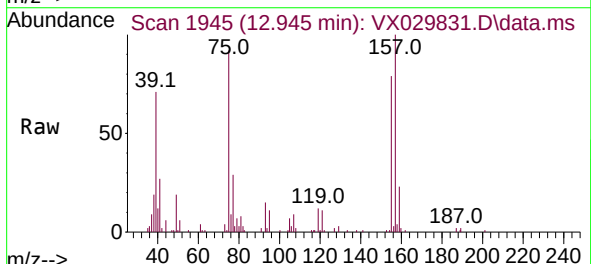
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC010

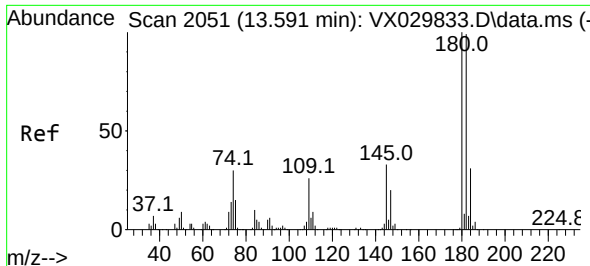
Tgt Ion:146 Resp: 49365  
 Ion Ratio Lower Upper  
 146 100  
 111 40.4 20.7 62.1  
 148 64.1 32.0 96.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 7.520 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.000 min  
 Lab File: VX029831.D  
 Acq: 28 Jun 2022 15:39

Tgt Ion: 75 Resp: 8397  
 Ion Ratio Lower Upper  
 75 100  
 155 86.1 45.0 134.8  
 157 108.4 56.9 170.7

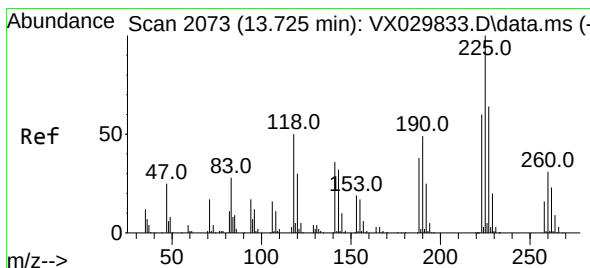
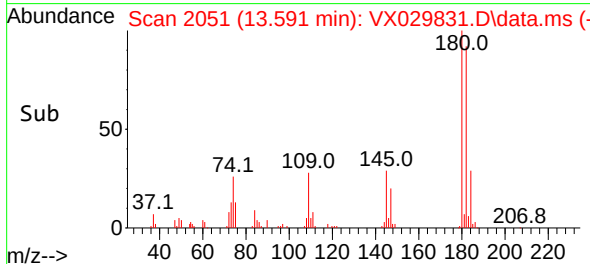
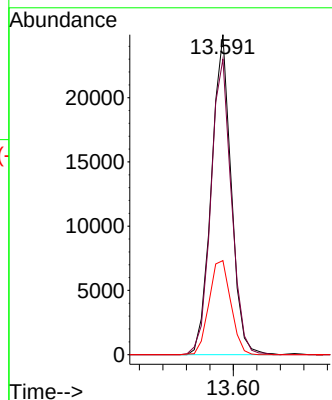
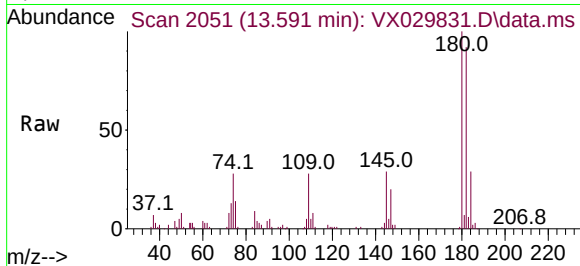




#93  
1,2,4-Trichlorobenzene  
Concen: 9.252 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

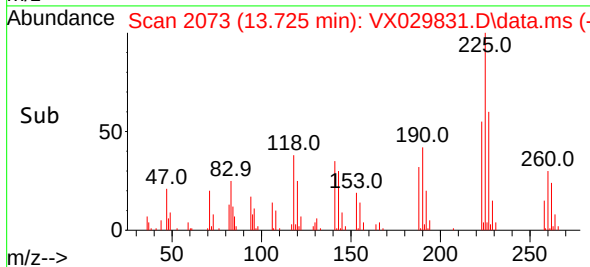
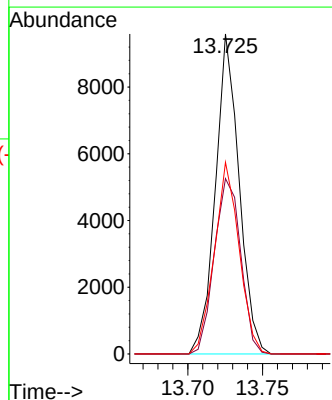
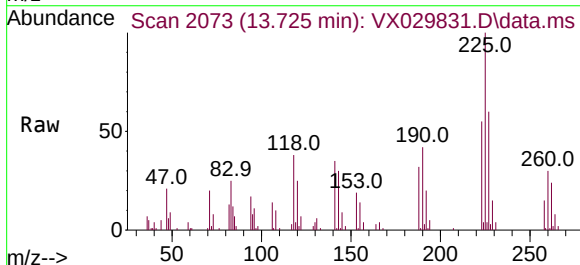
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MSVOA\_X  
ClientSampleId :  
VSTDIC010

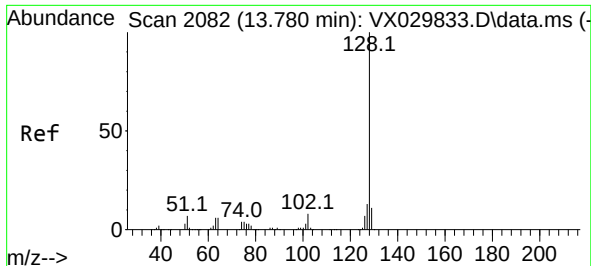
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 29057      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 95.6  | 48.2 144.6 |
| 145         | 32.4  | 15.9 47.6  |



#94  
Hexachlorobutadiene  
Concen: 9.341 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 10568     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 60.9  | 30.6 91.6 |
| 227         | 62.6  | 31.9 95.9 |

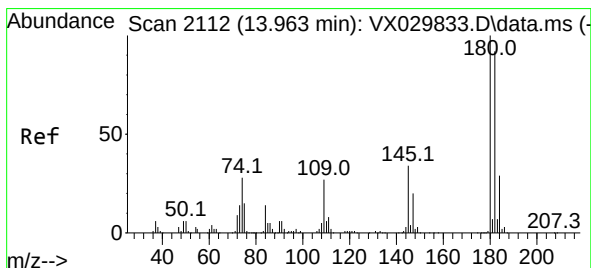
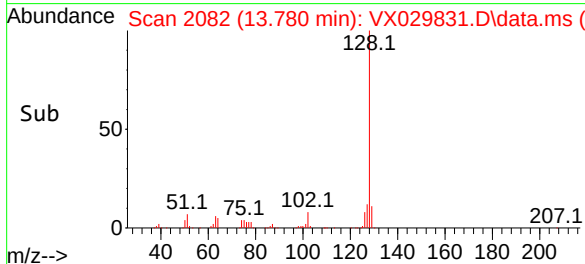
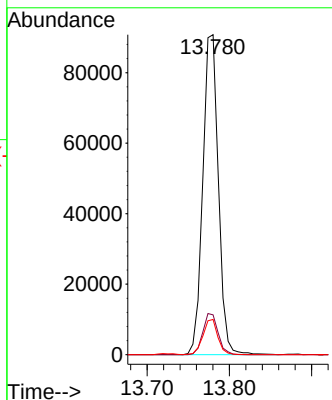
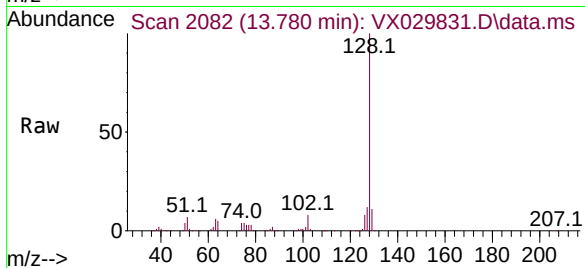




#95  
Naphthalene  
Concen: 9.022 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC010

Tgt Ion:128 Resp: 119480  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.2 15.2  
129 10.6 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 9.698 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX029831.D  
Acq: 28 Jun 2022 15:39

Tgt Ion:180 Resp: 30881  
Ion Ratio Lower Upper  
180 100  
182 92.6 47.0 141.0  
145 31.4 17.0 50.9

