

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051922\  
 Data File : VX028813.D  
 Acq On : 19 May 2022 10:12  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 19 17:51:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 215653   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 353923   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 359153   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 174801   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 152747   | 51.672   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 103.340%  |      |
| 35) Dibromofluoromethane    | 5.385  | 113   | 124729   | 53.789   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 107.580%  |      |
| 50) Toluene-d8              | 8.647  | 98    | 459556   | 52.566   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 105.140%  |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 224532   | 68.761   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 137.520%# |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 136284  | 48.263  | ug/l   | 99  |
| 3) Chloromethane             | 1.288 | 50  | 126267  | 47.481  | ug/l   | 100 |
| 4) Vinyl Chloride            | 1.374 | 62  | 144421  | 50.394  | ug/l   | 99  |
| 5) Bromomethane              | 1.599 | 94  | 88644   | 42.963  | ug/l   | 100 |
| 6) Chloroethane              | 1.679 | 64  | 92714   | 51.420  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 1.880 | 101 | 262549  | 57.462  | ug/l   | 97  |
| 8) Diethyl Ether             | 2.136 | 74  | 89659   | 53.854  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 124243  | 51.673  | ug/l   | 96  |
| 10) Methyl Iodide            | 2.447 | 142 | 148247  | 51.500  | ug/l   | 95  |
| 11) Tert butyl alcohol       | 2.965 | 59  | 149813  | 238.434 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 114569  | 51.332  | ug/l   | 99  |
| 13) Acrolein                 | 2.233 | 56  | 118310  | 243.833 | ug/l   | 96  |
| 14) Allyl chloride           | 2.660 | 41  | 182892  | 51.092  | ug/l   | 91  |
| 15) Acrylonitrile            | 3.062 | 53  | 358545  | 251.741 | ug/l   | 99  |
| 16) Acetone                  | 2.380 | 43  | 325387  | 256.475 | ug/l   | 94  |
| 17) Carbon Disulfide         | 2.508 | 76  | 280728  | 48.522  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.703 | 43  | 164478  | 51.762  | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 414981  | 52.395  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.788 | 84  | 131091  | 49.252  | ug/l   | 91  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 126216  | 50.205  | ug/l   | 99  |
| 22) Diisopropyl ether        | 3.757 | 45  | 388248  | 50.753  | ug/l # | 85  |
| 23) Vinyl Acetate            | 3.721 | 43  | 1721725 | 261.078 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 226304  | 50.887  | ug/l   | 99  |
| 25) 2-Butanone               | 4.550 | 43  | 498961  | 250.554 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 186486  | 53.482  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 150010  | 51.089  | ug/l   | 98  |
| 28) Bromochloromethane       | 4.891 | 49  | 84875   | 45.341  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 5.001 | 42  | 316593  | 244.576 | ug/l   | 93  |
| 30) Chloroform               | 5.093 | 83  | 246884  | 51.295  | ug/l   | 99  |
| 31) Cyclohexane              | 5.471 | 56  | 200390  | 48.837  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 217479  | 51.759  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 179188  | 51.448  | ug/l   | 100 |
| 37) Ethyl Acetate            | 4.708 | 43  | 188201  | 51.735  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 192620  | 54.955  | ug/l   | 98  |
| 39) Methylcyclohexane        | 7.379 | 83  | 215926  | 54.060  | ug/l   | 96  |
| 40) Benzene                  | 6.038 | 78  | 523320  | 52.281  | ug/l   | 99  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 19 17:51:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 102494   | 52.547  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 197026   | 53.363  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 302756   | 53.198  | ug/l   | 96       |
| 44) Trichloroethene           | 7.123  | 130  | 145205   | 53.488  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 134003   | 53.657  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 99433    | 53.314  | ug/l   | 93       |
| 47) Bromodichloromethane      | 7.824  | 83   | 190583   | 55.040  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 149518   | 54.385  | ug/l   | 86       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 65541    | 954.278 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1003256  | 267.627 | ug/l   | 94       |
| 52) Toluene                   | 8.720  | 92   | 338659   | 52.595  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 202693   | 50.825  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 219143   | 56.246  | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 142312   | 54.201  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 220138   | 55.365  | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 235683   | 53.219  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 560278   | 287.817 | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 831962   | 285.655 | ug/l   | 91       |
| 60) Dibromochloromethane      | 9.525  | 129  | 162221   | 63.350  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 161982   | 58.738  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 138187   | 50.951  | ug/l   | 99       |
| 65) Chlorobenzene             | 10.079 | 112  | 405969   | 53.282  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 171693   | 63.613  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 814065   | 59.609  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 632390   | 118.940 | ug/l   | 96       |
| 69) o-Xylene                  | 10.640 | 106  | 312528   | 59.702  | ug/l   | 97       |
| 70) Styrene                   | 10.659 | 104  | 528579   | 62.179  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 132798   | 59.027  | ug/l   | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 826731   | 62.366  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.842 | 43   | 323650   | 62.111  | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 244607   | 53.788  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 279839   | 68.359  | ug/l   | 90       |
| 77) Bromobenzene              | 11.201 | 156  | 184629   | 58.864  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 867021   | 56.544  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 482241   | 51.313  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 592737   | 53.663  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 80214    | 57.801  | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 565464   | 52.046  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 574827   | 53.750  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 591103   | 53.366  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 713880   | 54.116  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 611736   | 55.263  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 320484   | 52.094  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 321581   | 50.395  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 532807   | 55.553  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.542 | 117  | 100520   | 56.154  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 314392   | 52.021  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 50831    | 52.347  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 185203   | 53.058  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 76984    | 54.288  | ug/l   | 94       |
| 95) Naphthalene               | 13.780 | 128  | 661512   | 53.256  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 184359   | 52.586  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051922\  
Data File : VX028813.D  
Acq On : 19 May 2022 10:12  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

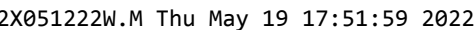
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

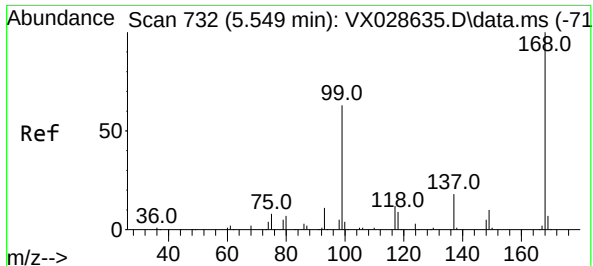
Quant Time: May 19 17:51:40 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 12 14:58:53 2022  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
Quant Title : SW846 8260  
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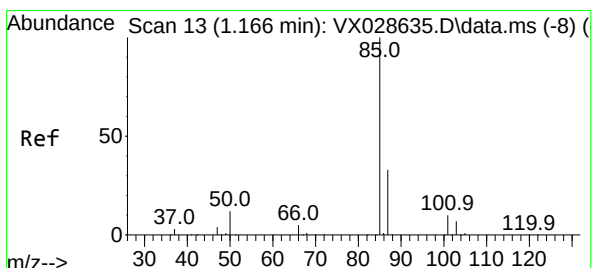
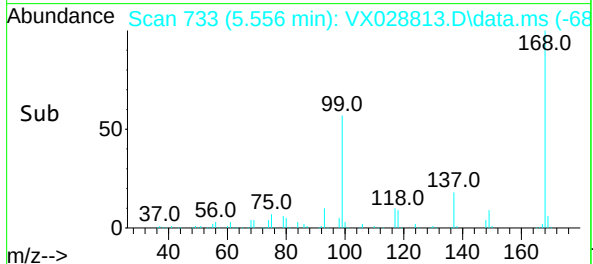
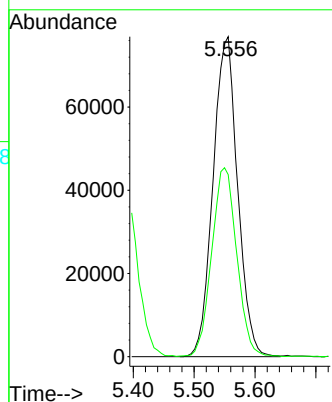
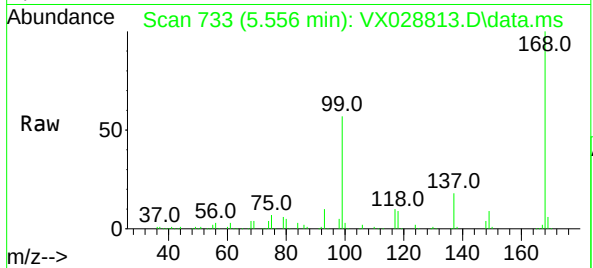




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

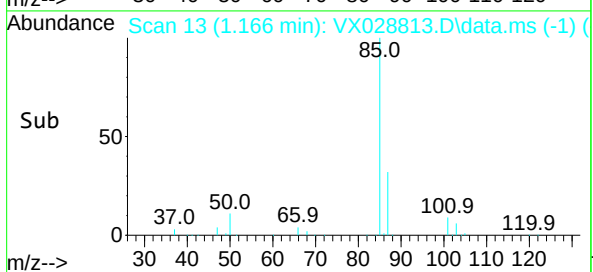
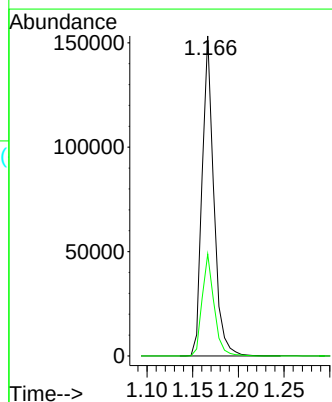
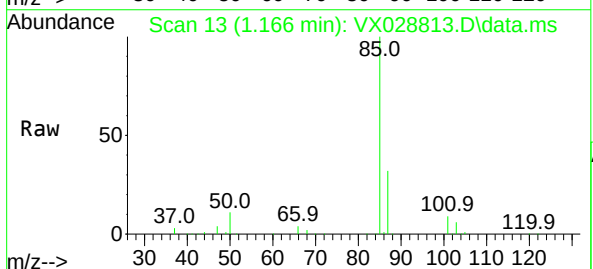
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

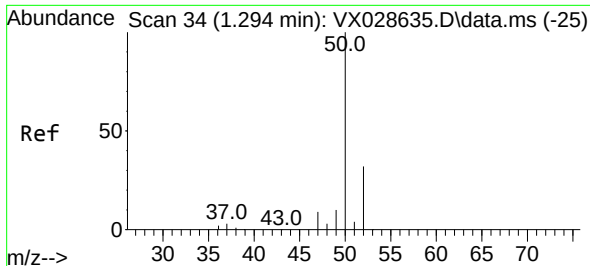
Tgt Ion:168 Resp: 215653  
Ion Ratio Lower Upper  
168 100  
99 56.7 41.7 62.5



#2  
Dichlorodifluoromethane  
Concen: 48.263 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 85 Resp: 136284  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.2 48.6

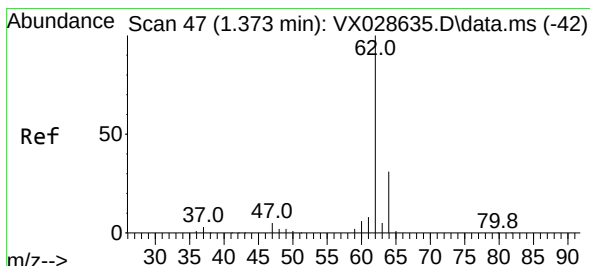
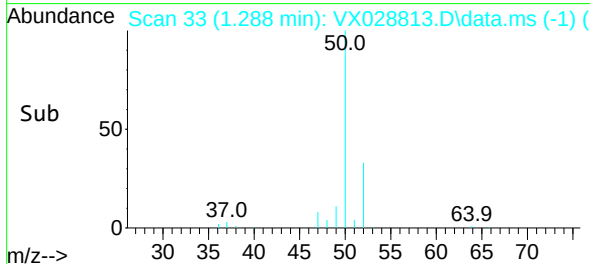
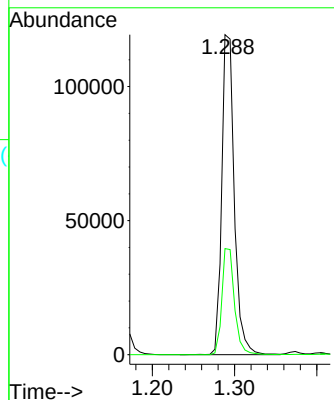
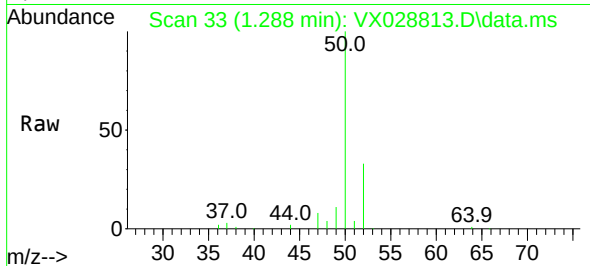




#3  
Chloromethane  
Concen: 47.481 ug/l  
RT: 1.288 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

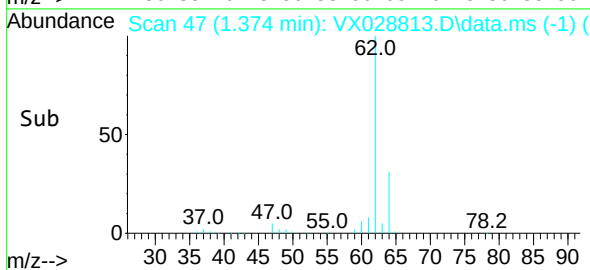
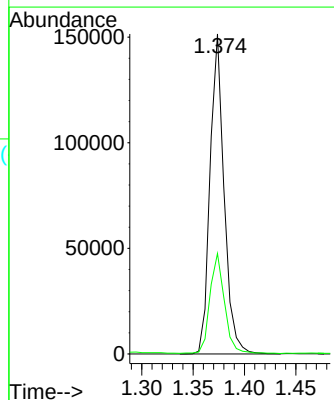
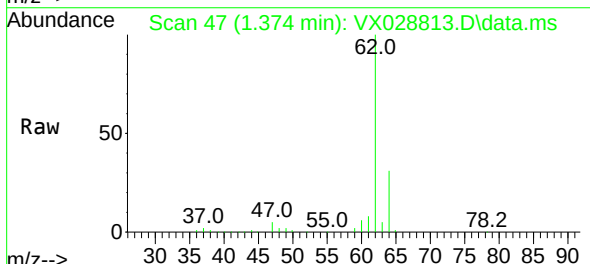
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

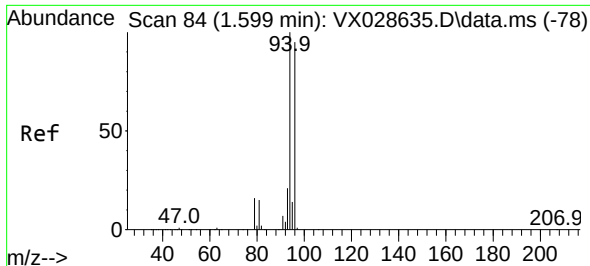
Tgt Ion: 50 Resp: 126267  
Ion Ratio Lower Upper  
50 100  
52 33.2 26.4 39.6



#4  
Vinyl Chloride  
Concen: 50.394 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 62 Resp: 144421  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.5 38.3

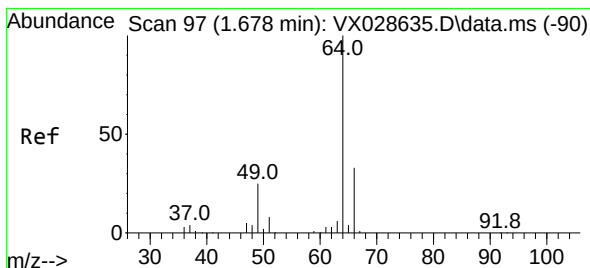
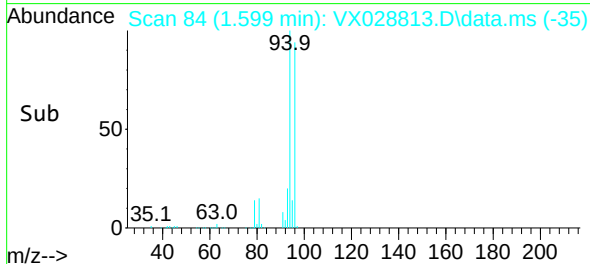
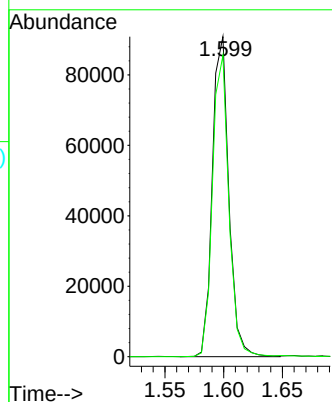
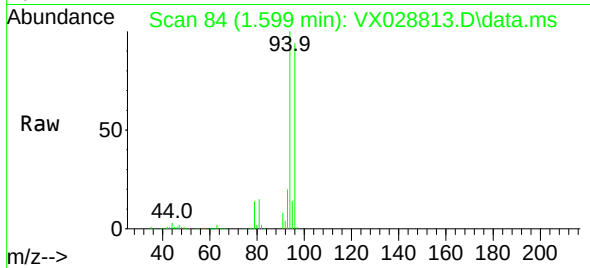




#5  
Bromomethane  
Concen: 42.963 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

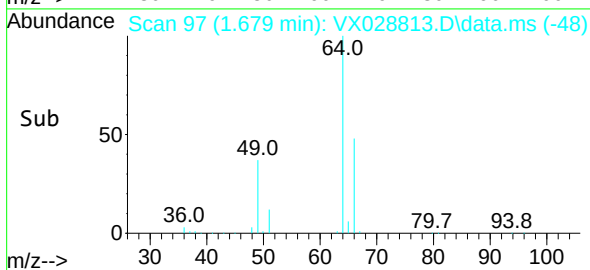
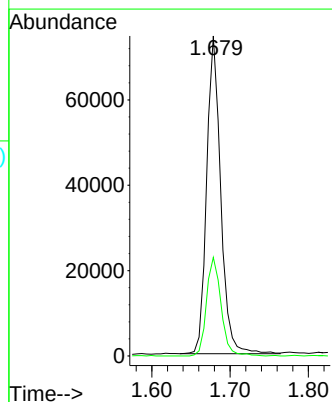
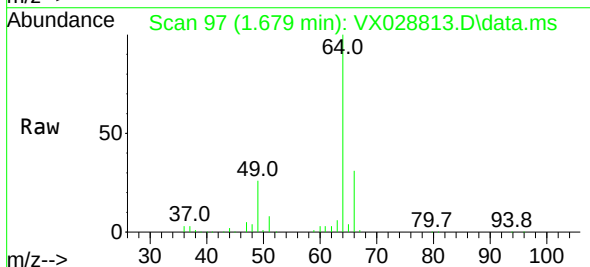
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

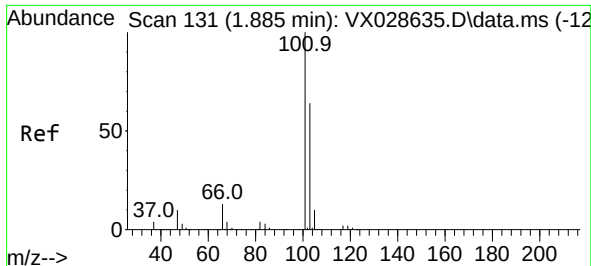
Tgt Ion: 94 Resp: 88644  
Ion Ratio Lower Upper  
94 100  
96 94.1 75.3 112.9



#6  
Chloroethane  
Concen: 51.420 ug/l  
RT: 1.679 min Scan# 97  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 64 Resp: 92714  
Ion Ratio Lower Upper  
64 100  
66 31.0 25.3 37.9

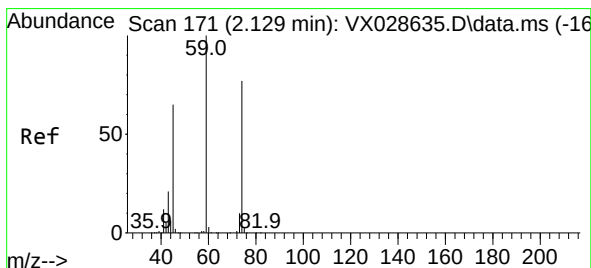
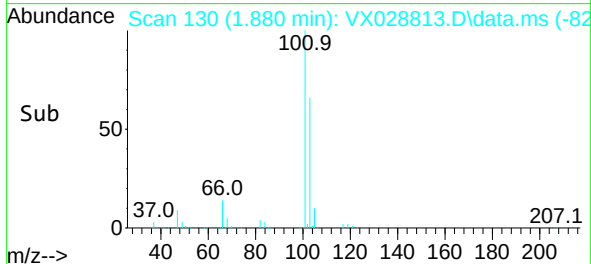
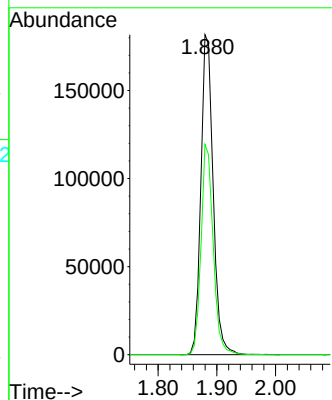
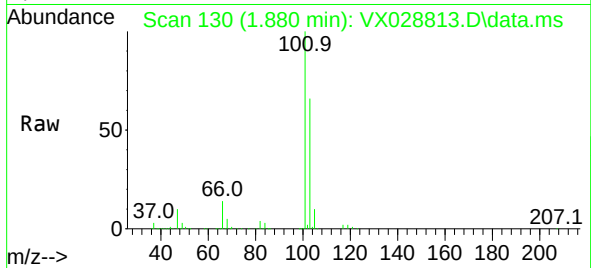




#7  
Trichlorofluoromethane  
Concen: 57.462 ug/l  
RT: 1.880 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

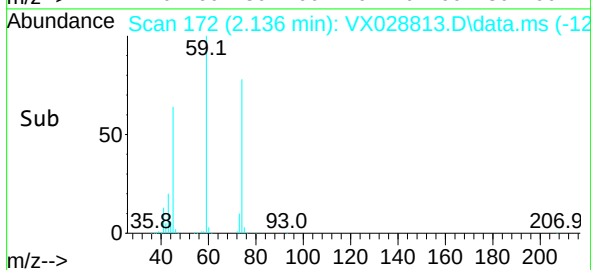
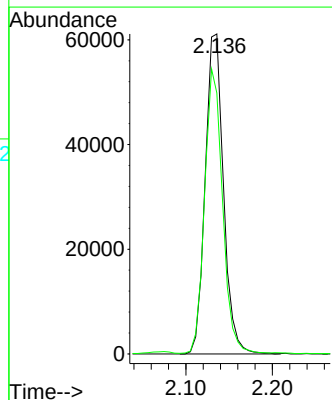
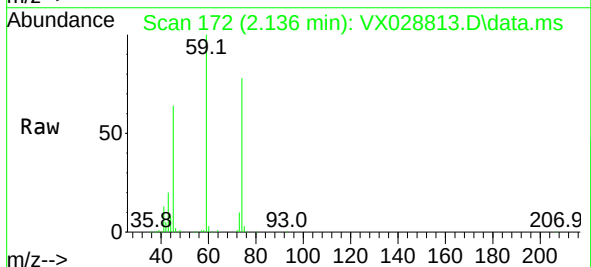
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 262549  
Ion Ratio Lower Upper  
101 100  
103 65.7 50.5 75.7

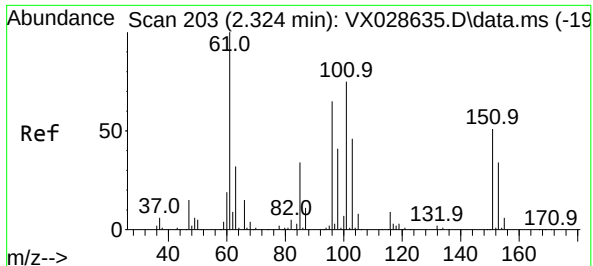


#8  
Diethyl Ether  
Concen: 53.854 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.007 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 74 Resp: 89659  
Ion Ratio Lower Upper  
74 100  
45 86.9 42.0 126.0



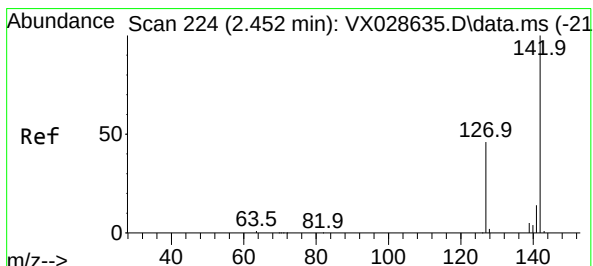
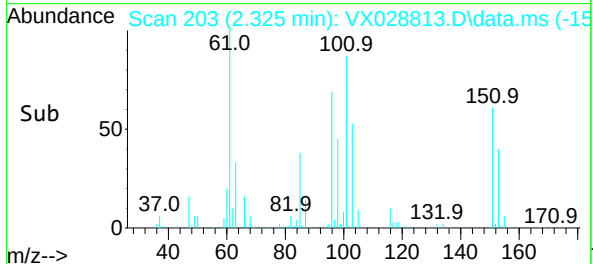
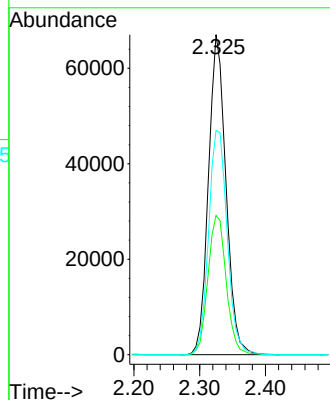
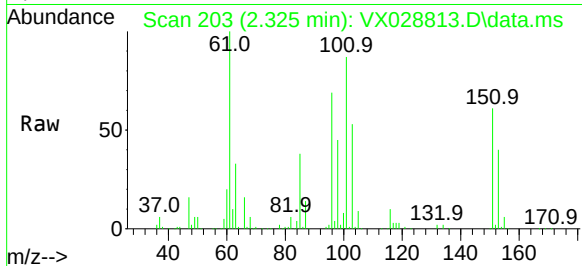




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.673 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

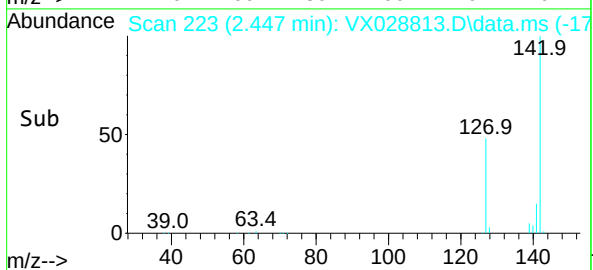
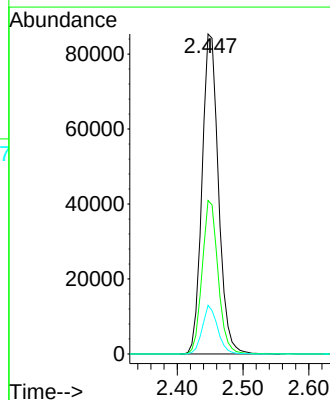
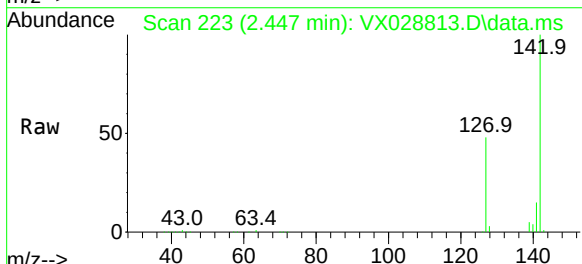
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

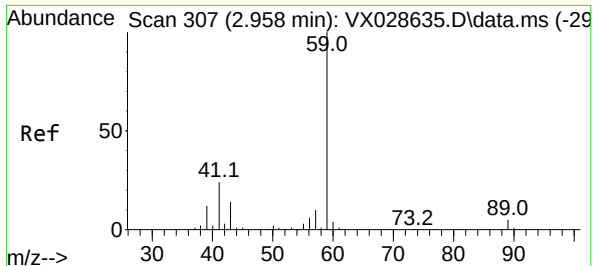
Tgt Ion:101 Resp: 124243  
Ion Ratio Lower Upper  
101 100  
85 45.4 33.5 50.3  
151 74.8 61.8 92.6



#10  
Methyl Iodide  
Concen: 51.500 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. -0.005 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion:142 Resp: 148247  
Ion Ratio Lower Upper  
142 100  
127 46.5 33.9 50.9  
141 14.2 11.4 17.2

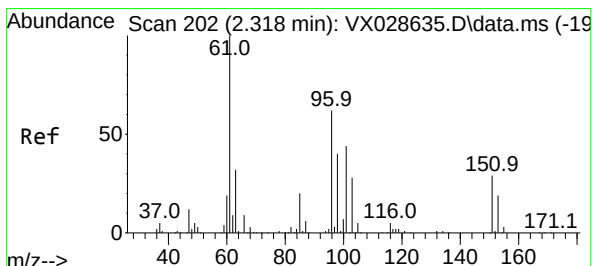
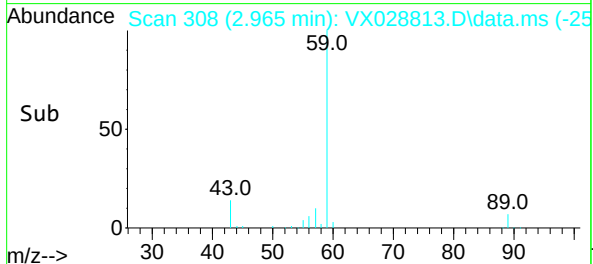
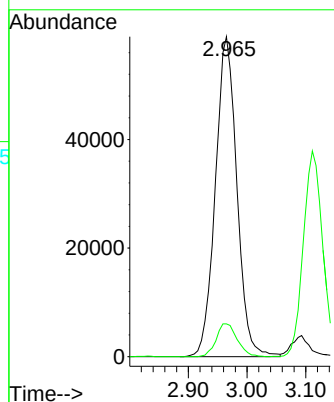
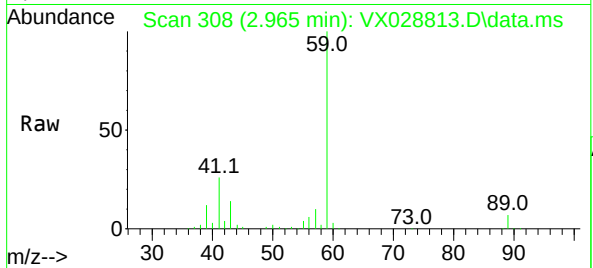




#11  
Tert butyl alcohol  
Concen: 238.434 ug/l  
RT: 2.965 min Scan# 307  
Delta R.T. 0.007 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

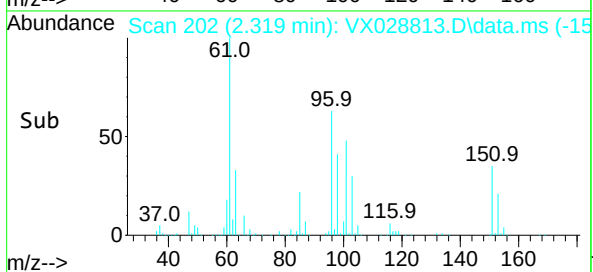
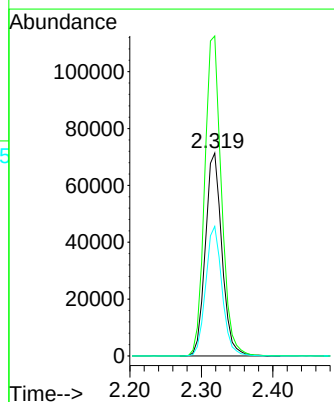
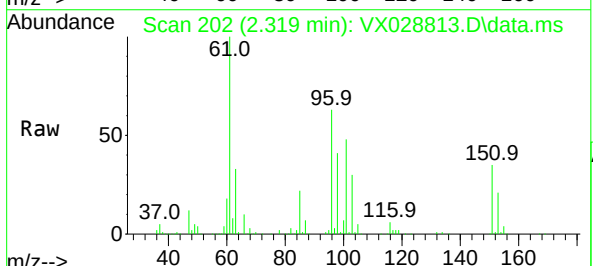
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

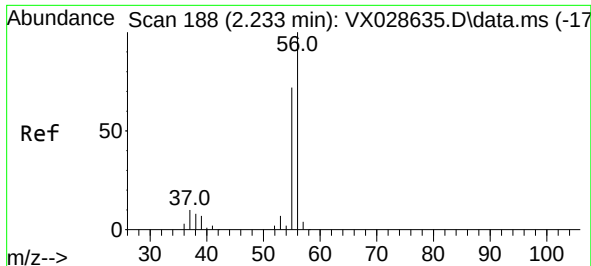
Tgt Ion: 59 Resp: 149813  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 51.332 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 96 Resp: 114569  
Ion Ratio Lower Upper  
96 100  
61 157.8 124.6 187.0  
98 63.9 51.0 76.4

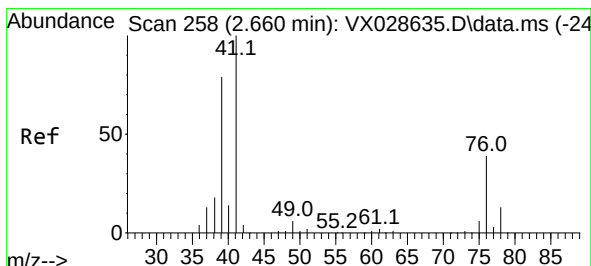
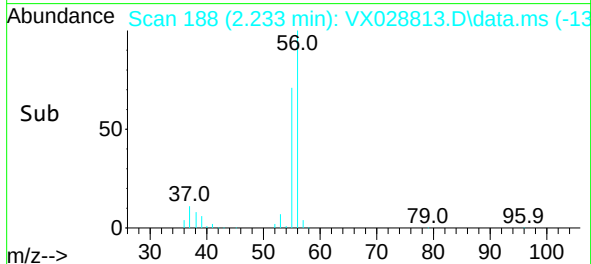
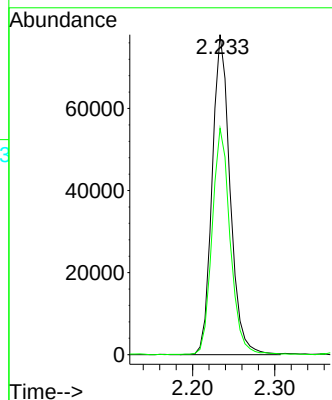
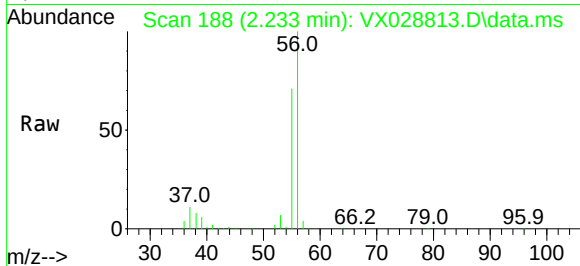




#13  
Acrolein  
Concen: 243.833 ug/l  
RT: 2.233 min Scan# 118310  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

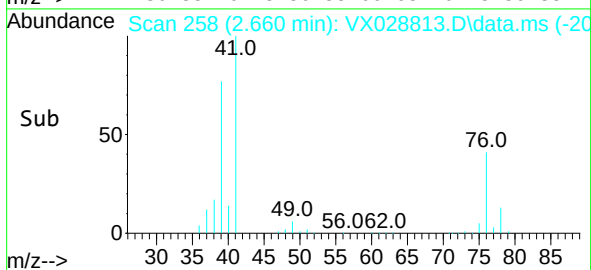
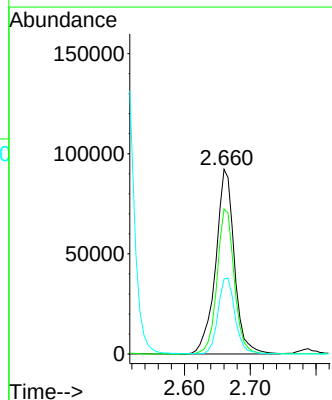
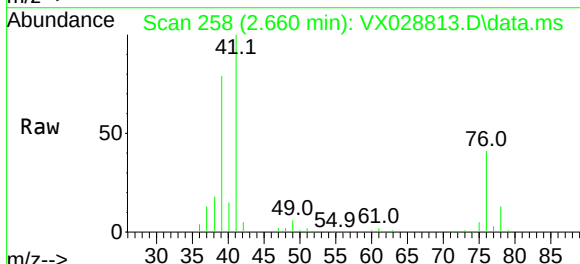
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

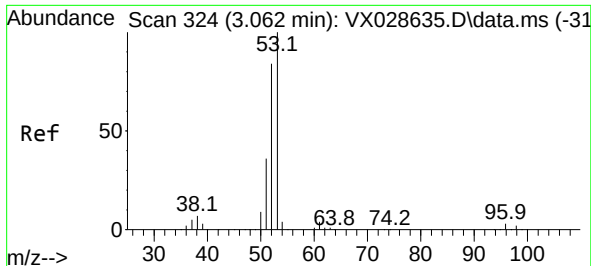
Tgt Ion: 56 Resp: 118310  
Ion Ratio Lower Upper  
56 100  
55 71.7 55.0 82.6



#14  
Allyl chloride  
Concen: 51.092 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 41 Resp: 182892  
Ion Ratio Lower Upper  
41 100  
39 71.9 50.4 75.6  
76 37.3 32.7 49.1

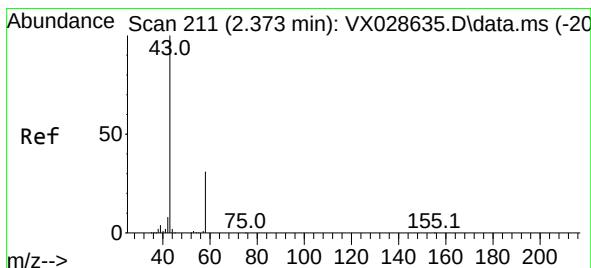
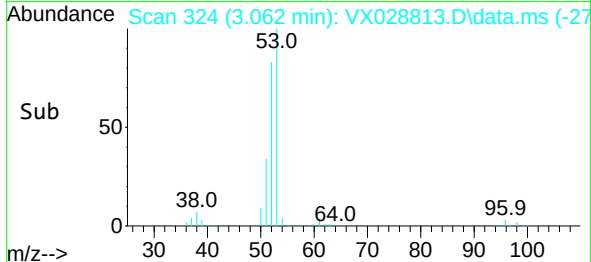
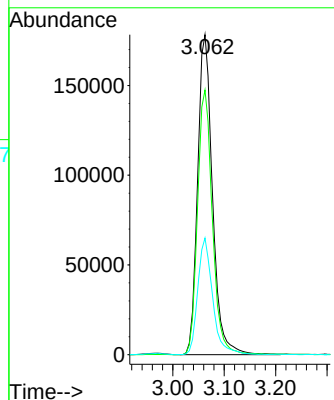
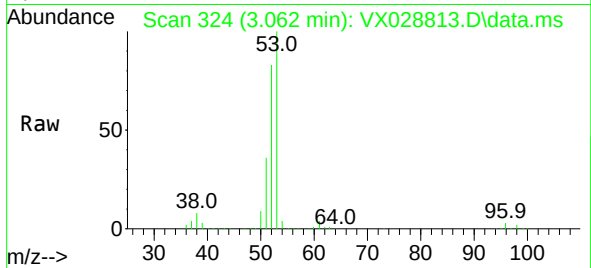




#15  
Acrylonitrile  
Concen: 251.741 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

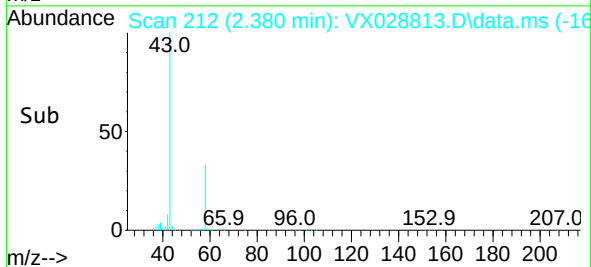
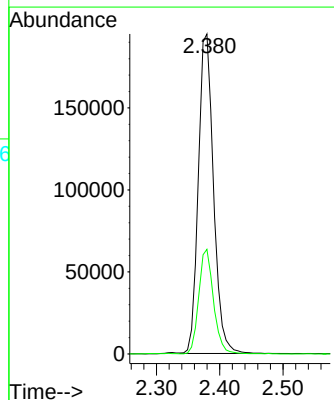
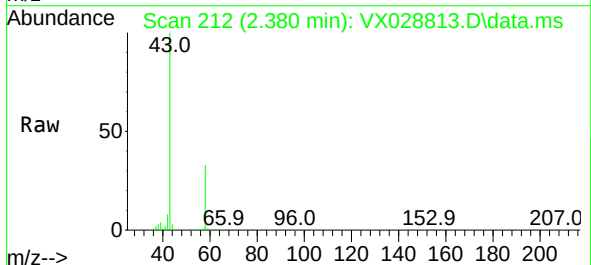
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

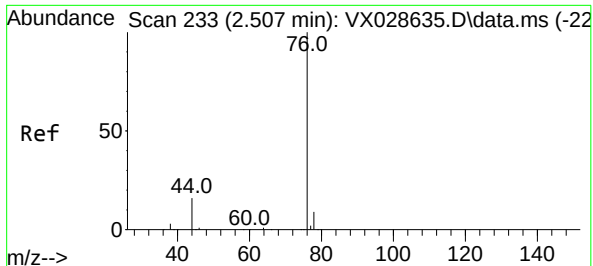
Tgt Ion: 53 Resp: 358545  
Ion Ratio Lower Upper  
53 100  
52 82.7 65.7 98.5  
51 36.5 28.4 42.6



#16  
Acetone  
Concen: 256.475 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.007 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 43 Resp: 325387  
Ion Ratio Lower Upper  
43 100  
58 32.7 28.8 43.2

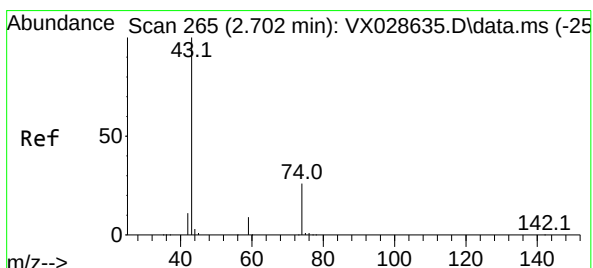
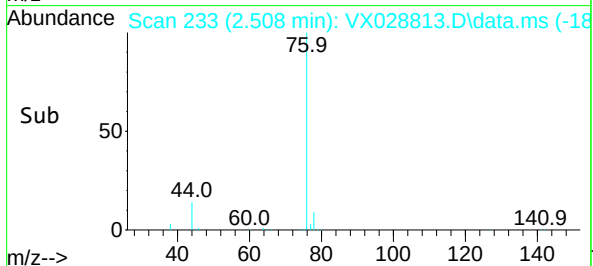
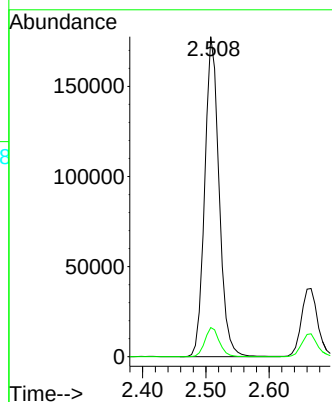
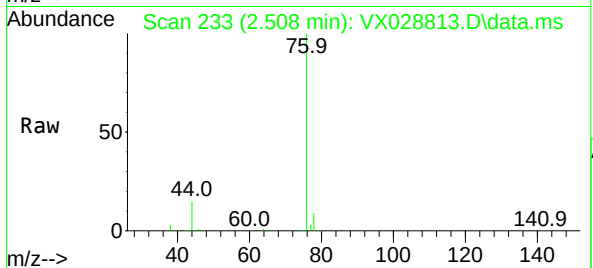




#17  
Carbon Disulfide  
Concen: 48.522 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

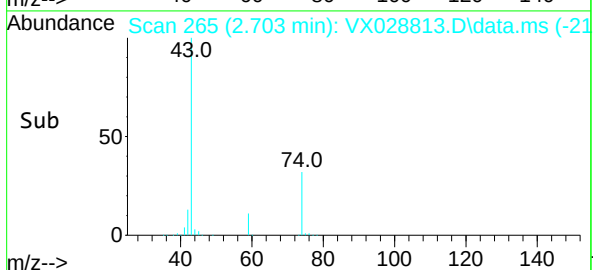
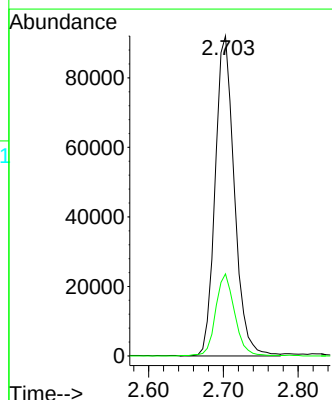
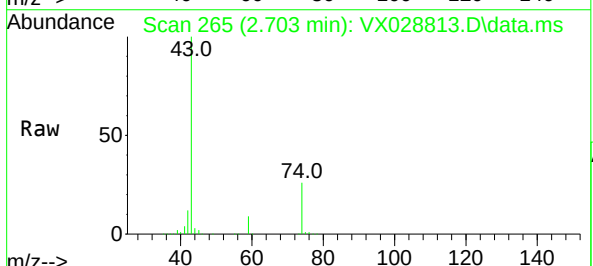
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

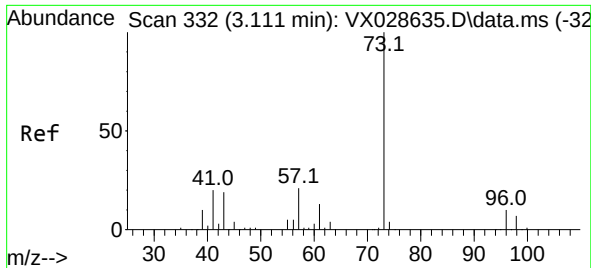
Tgt Ion: 76 Resp: 280728  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



#18  
Methyl Acetate  
Concen: 51.762 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 43 Resp: 164478  
Ion Ratio Lower Upper  
43 100  
74 25.6 22.8 34.2

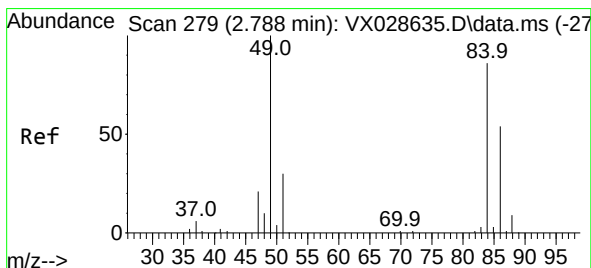
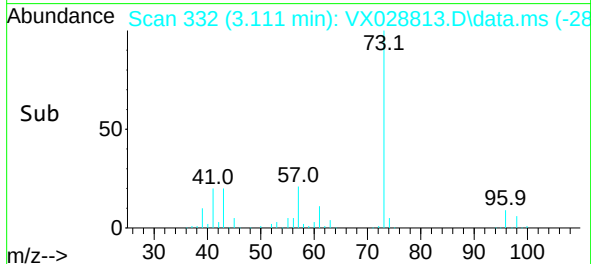
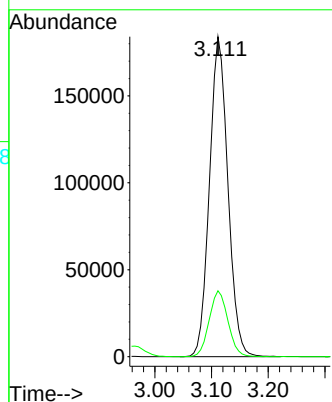
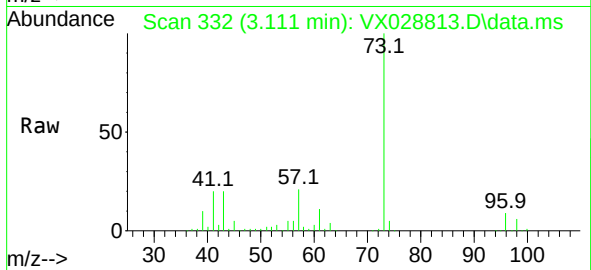




#19  
Methyl tert-butyl Ether  
Concen: 52.395 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

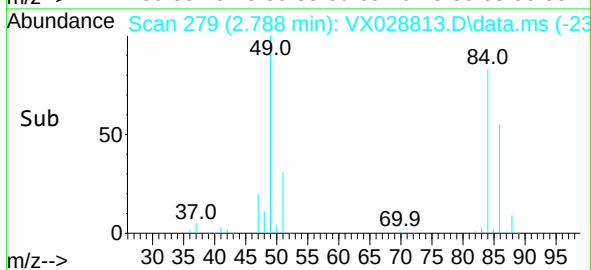
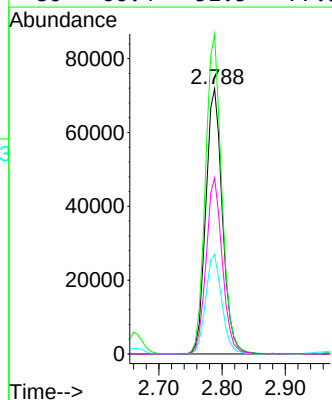
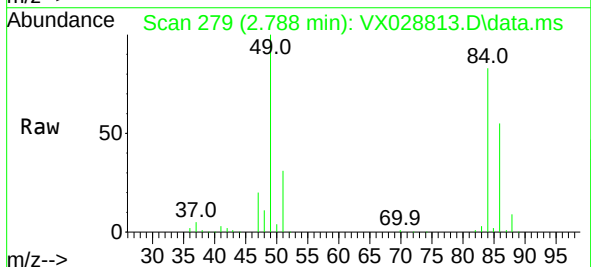
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

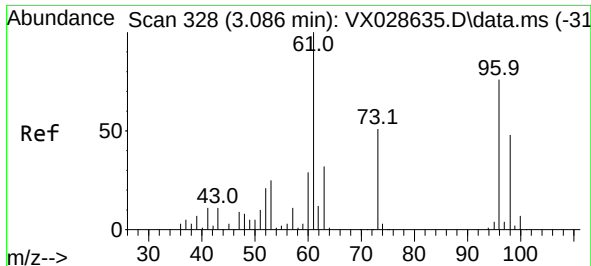
Tgt Ion: 73 Resp: 414981  
Ion Ratio Lower Upper  
73 100  
57 20.6 16.8 25.2



#20  
Methylene Chloride  
Concen: 49.252 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 84 Resp: 131091  
Ion Ratio Lower Upper  
84 100  
49 120.6 85.5 128.3  
51 37.4 26.6 39.8  
86 66.4 51.5 77.3

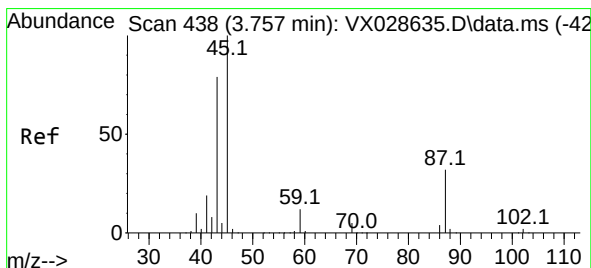
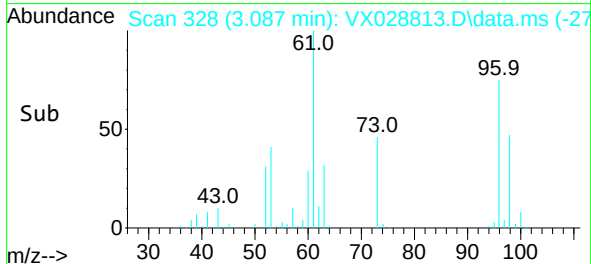
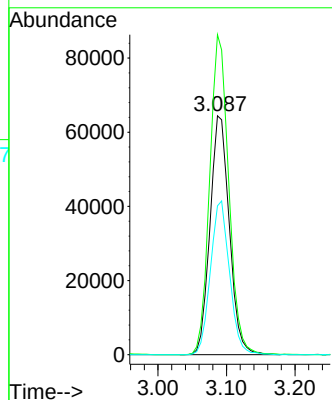
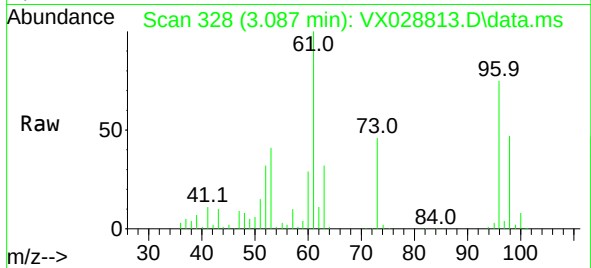




#21  
trans-1,2-Dichloroethene  
Concen: 50.205 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

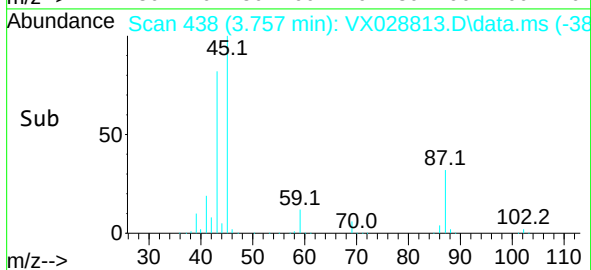
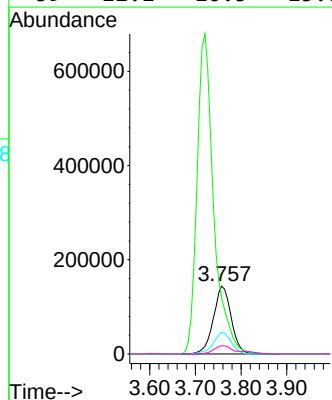
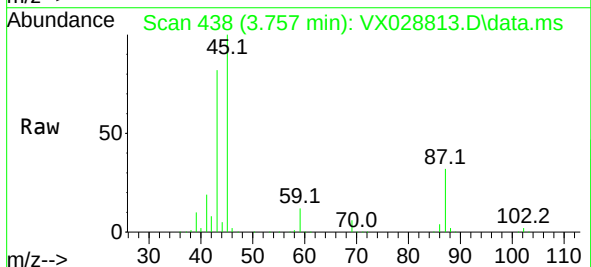
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

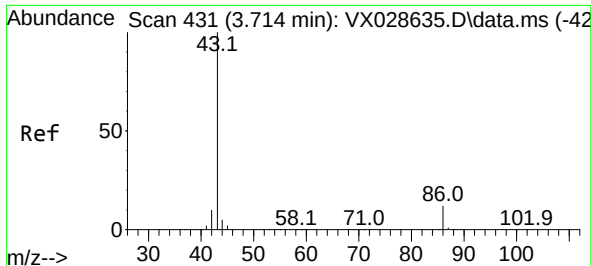
Tgt Ion: 96 Resp: 126216  
Ion Ratio Lower Upper  
96 100  
61 133.9 105.4 158.2  
98 62.3 50.0 75.0



#22  
Diisopropyl ether  
Concen: 50.753 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 45 Resp: 388248  
Ion Ratio Lower Upper  
45 100  
43 81.9 50.8 76.2#  
87 31.7 26.6 39.8  
59 12.1 10.5 15.7

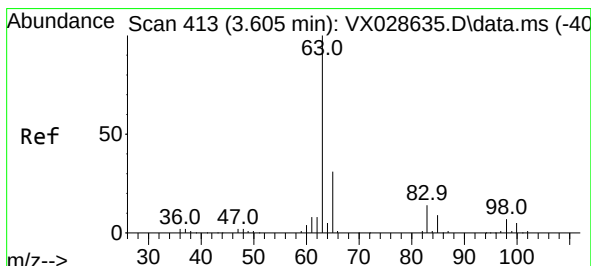
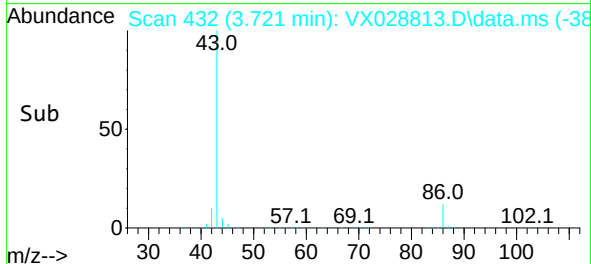
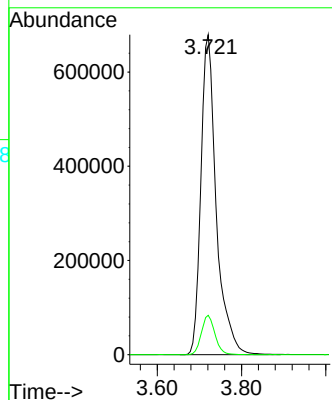
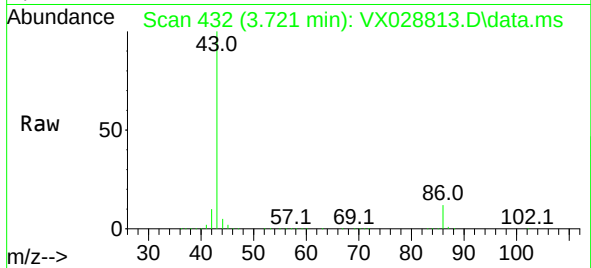




#23  
 Vinyl Acetate  
 Concen: 261.078 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.007 min  
 Lab File: VX028813.D  
 Acq: 19 May 2022 10:12

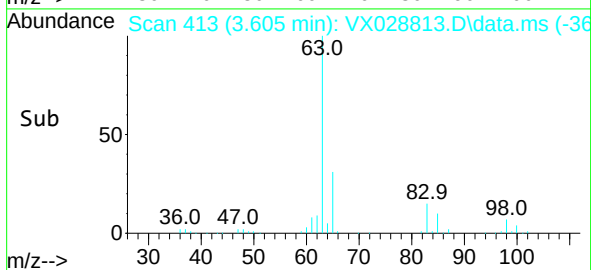
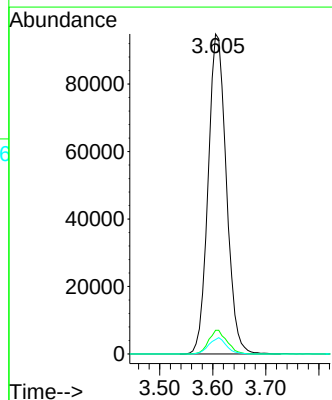
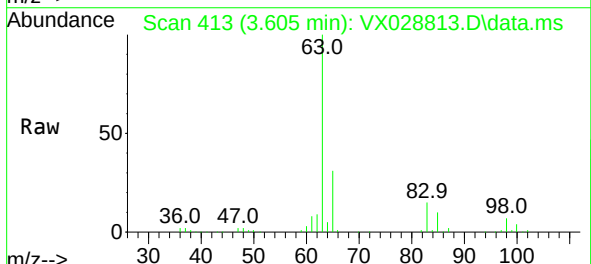
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 1721725  
 Ion Ratio Lower Upper  
 43 100  
 86 12.3 10.8 16.2

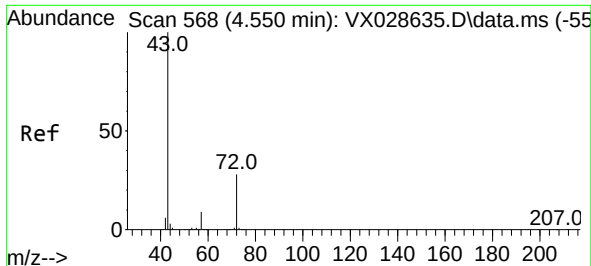


#24  
 1,1-Dichloroethane  
 Concen: 50.887 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX028813.D  
 Acq: 19 May 2022 10:12

Tgt Ion: 63 Resp: 226304  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.9 11.7  
 100 4.5 2.4 7.2



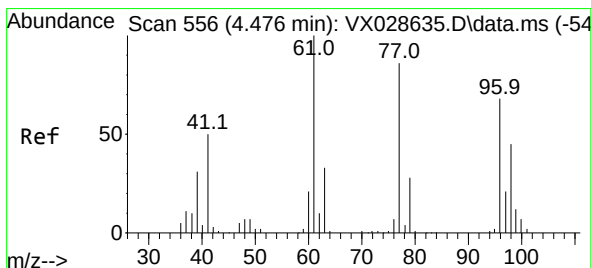
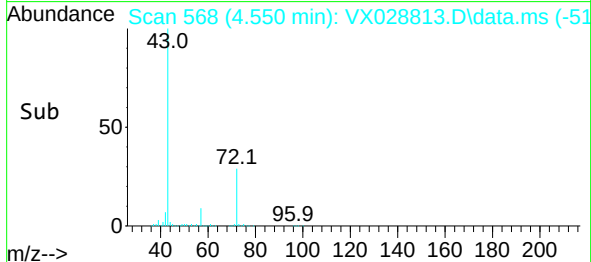
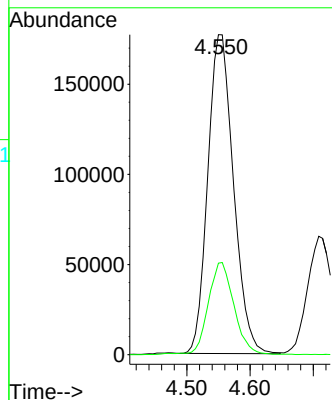
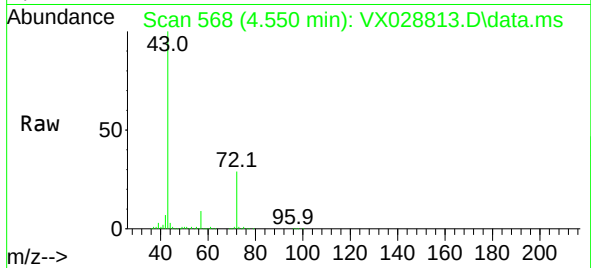




#25  
2-Butanone  
Concen: 250.554 ug/l  
RT: 4.550 min Scan# 568  
Delta R.T. -0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

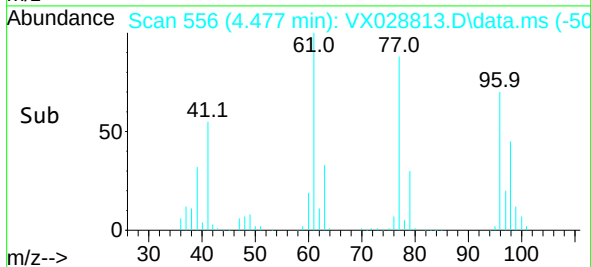
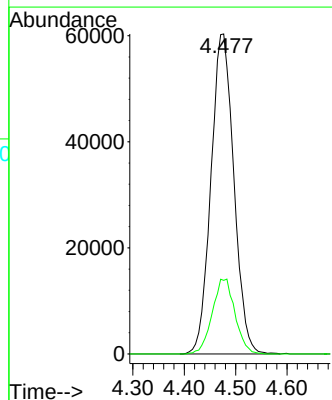
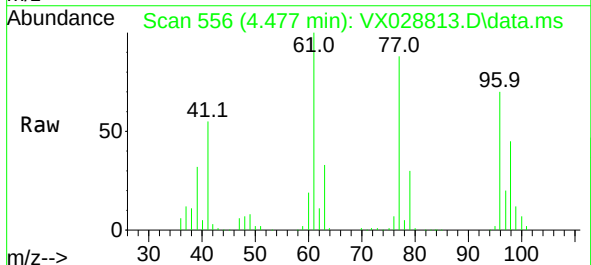
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

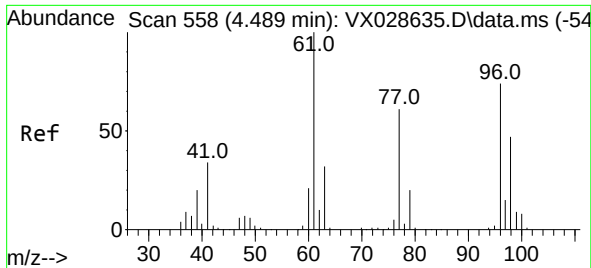
Tgt Ion: 43 Resp: 498961  
Ion Ratio Lower Upper  
43 100  
72 28.6 24.4 36.6



#26  
2,2-Dichloropropane  
Concen: 53.482 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 77 Resp: 186486  
Ion Ratio Lower Upper  
77 100  
97 23.3 11.8 35.4

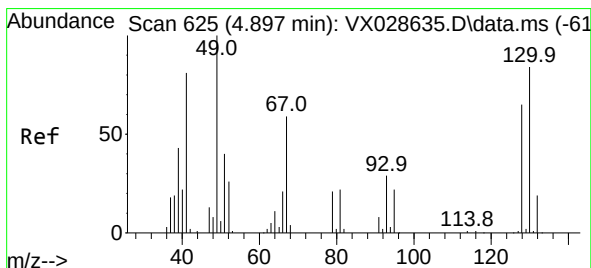
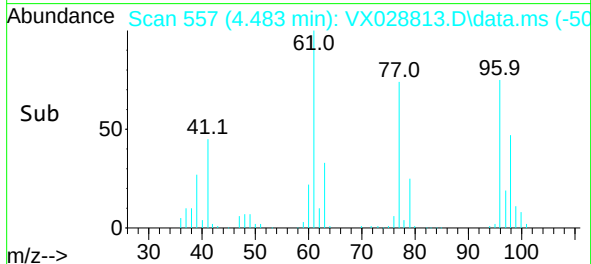
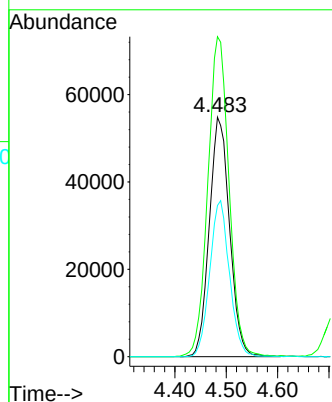
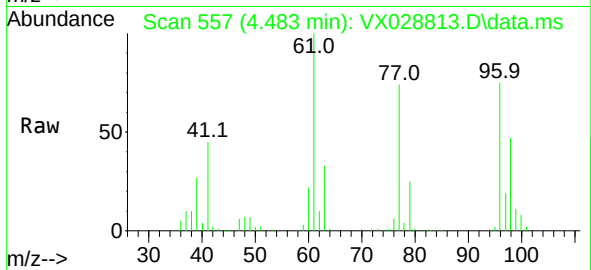




#27  
 cis-1,2-Dichloroethene  
 Concen: 51.089 ug/l  
 RT: 4.483 min Scan# 51  
 Delta R.T. -0.006 min  
 Lab File: VX028813.D  
 Acq: 19 May 2022 10:12

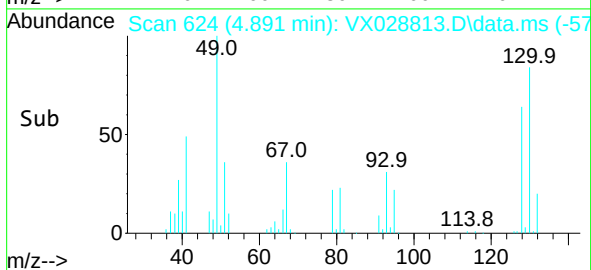
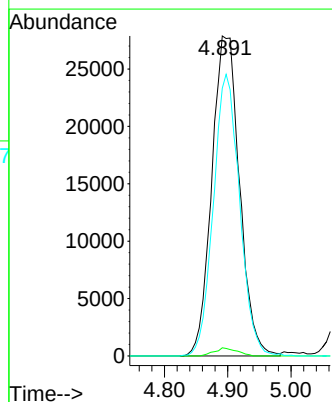
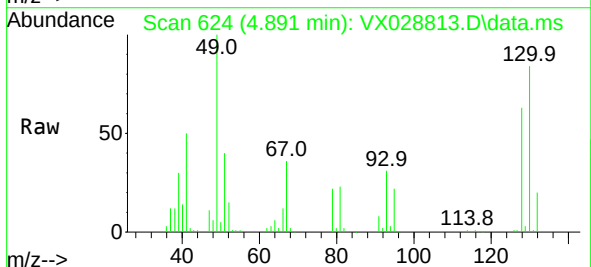
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

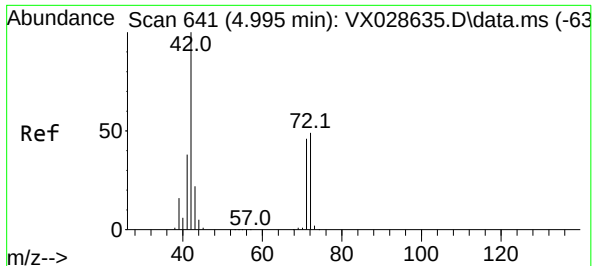
Tgt Ion: 96 Resp: 150010  
 Ion Ratio Lower Upper  
 96 100  
 61 139.7 0.0 283.8  
 98 63.6 0.0 129.8



#28  
 Bromochloromethane  
 Concen: 45.341 ug/l  
 RT: 4.891 min Scan# 624  
 Delta R.T. -0.006 min  
 Lab File: VX028813.D  
 Acq: 19 May 2022 10:12

Tgt Ion: 49 Resp: 84875  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.4  
 130 83.3 70.7 106.1





#29

Tetrahydrofuran

Concen: 244.576 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

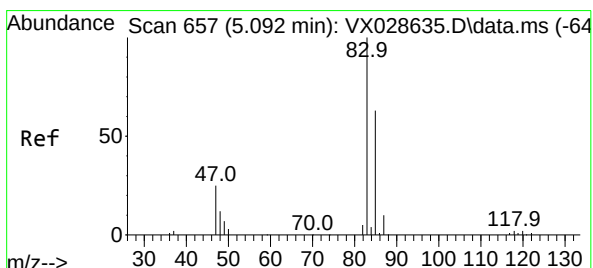
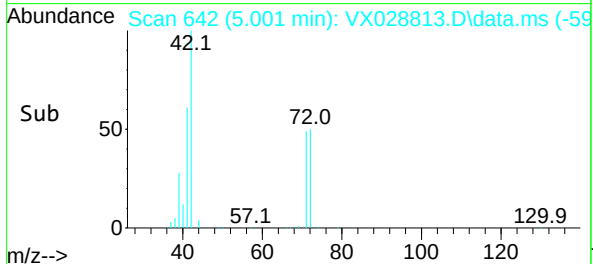
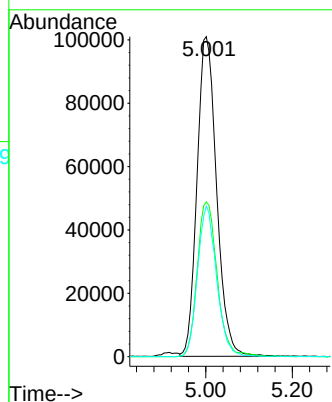
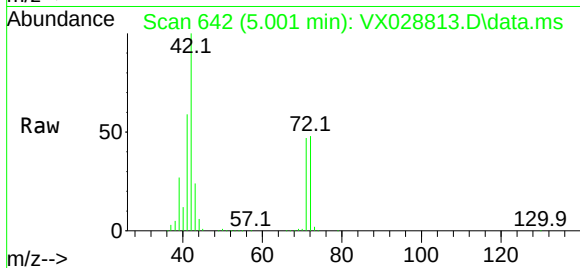
Tgt Ion: 42 Resp: 316593

Ion Ratio Lower Upper

42 100

72 49.5 44.1 66.1

71 45.9 40.5 60.7



#30

Chloroform

Concen: 51.295 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX028813.D

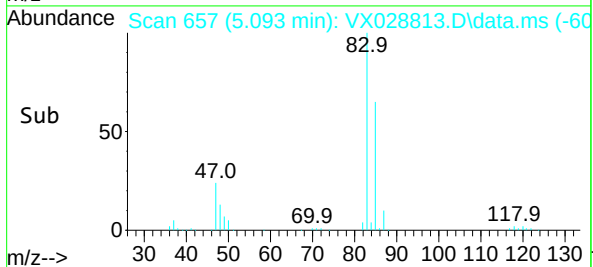
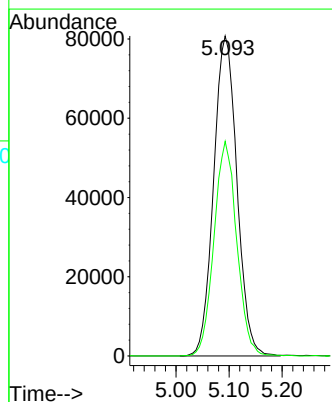
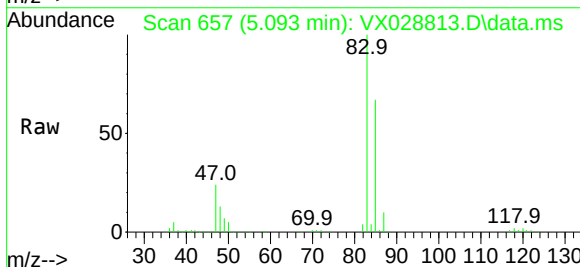
Acq: 19 May 2022 10:12

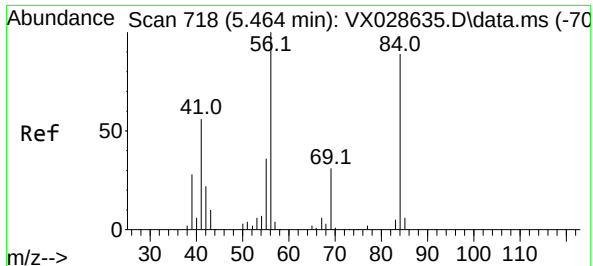
Tgt Ion: 83 Resp: 246884

Ion Ratio Lower Upper

83 100

85 67.0 52.7 79.1

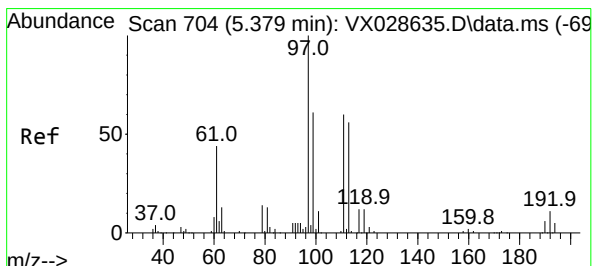
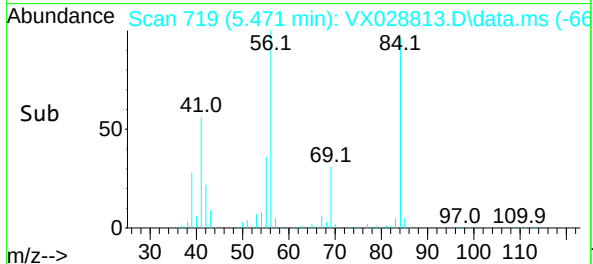
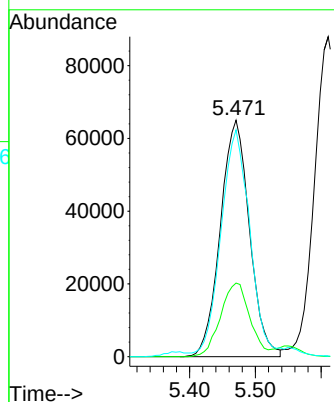
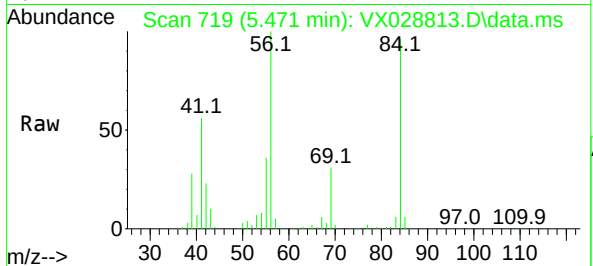




#31  
Cyclohexane  
Concen: 48.837 ug/l  
RT: 5.471 min Scan# 718  
Delta R.T. 0.007 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

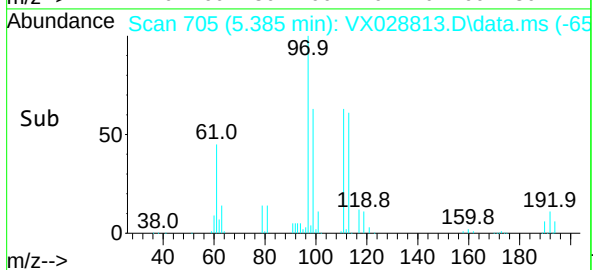
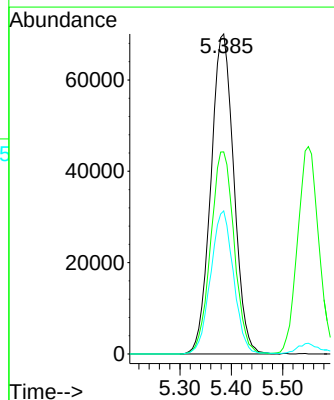
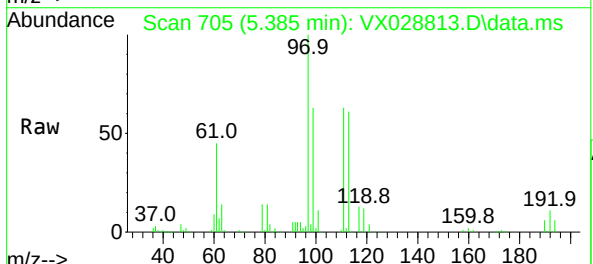
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

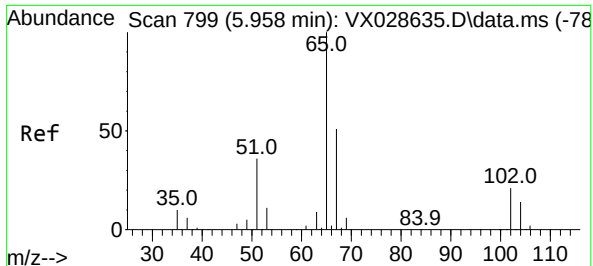
Tgt Ion: 56 Resp: 200390  
Ion Ratio Lower Upper  
56 100  
69 31.1 26.7 40.1  
84 93.8 77.2 115.8



#32  
1,1,1-Trichloroethane  
Concen: 51.759 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 97 Resp: 217479  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.8 77.6  
61 44.6 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 51.672 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

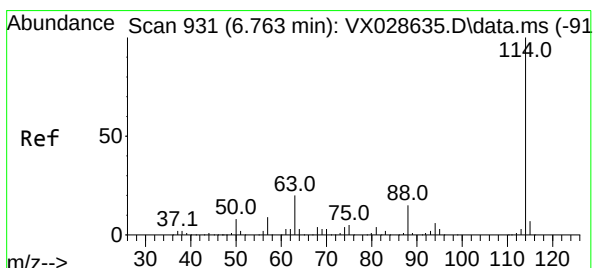
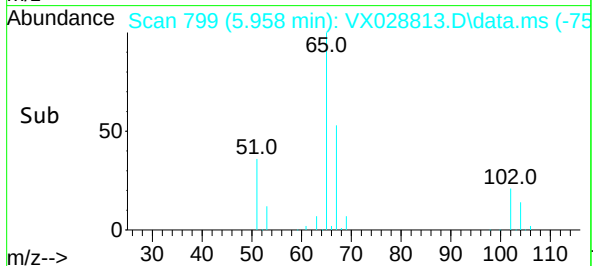
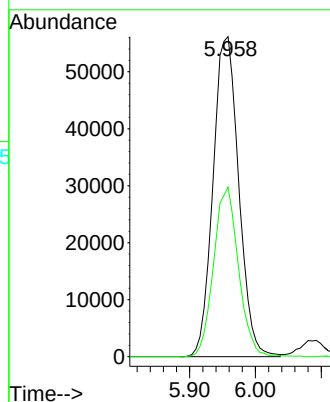
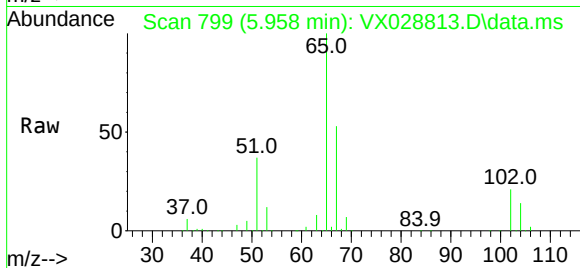
VSTDCCC050

Tgt Ion: 65 Resp: 152747

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

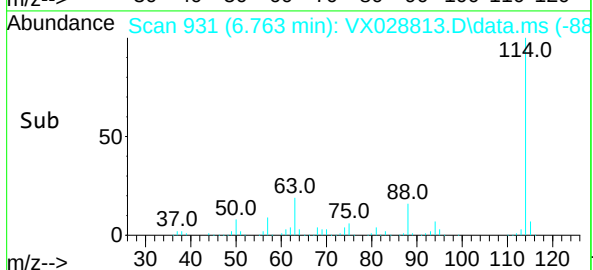
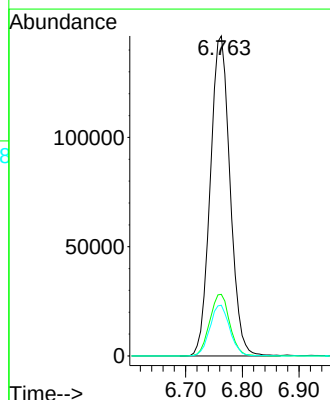
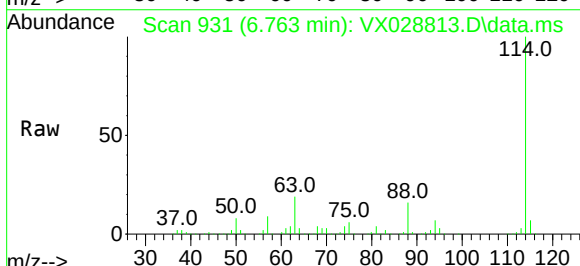
Tgt Ion: 114 Resp: 353923

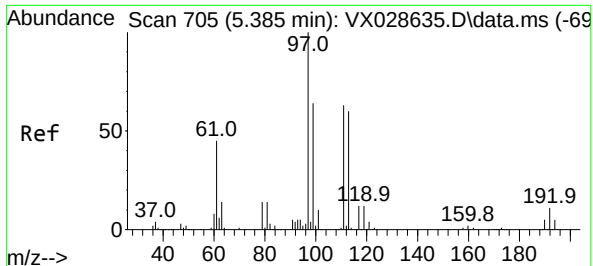
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.789 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

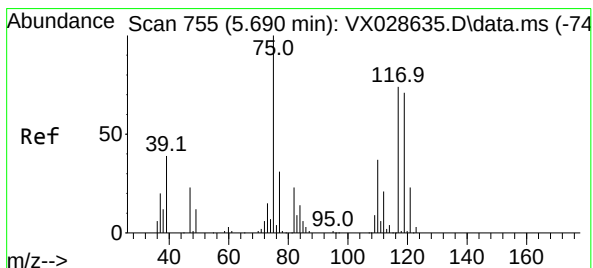
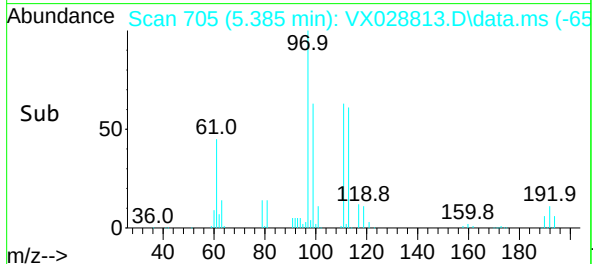
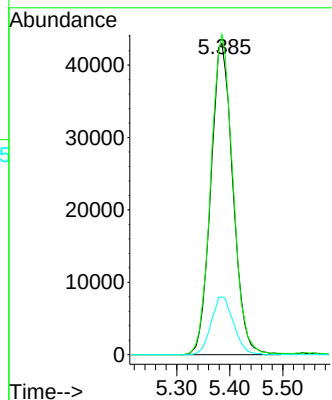
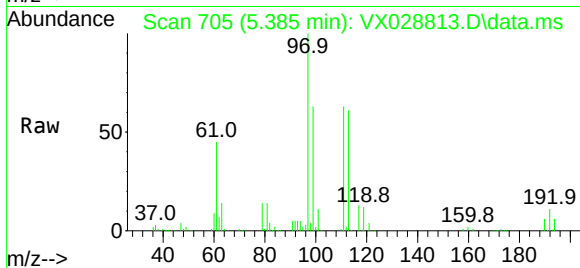
Tgt Ion:113 Resp: 124729

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 18.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 51.448 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

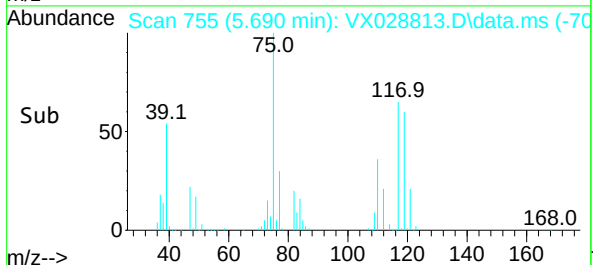
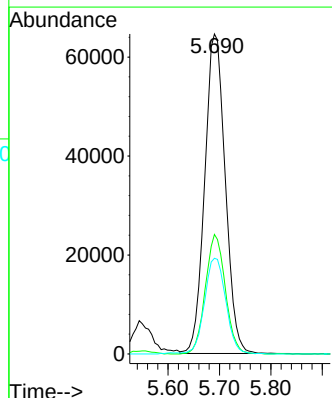
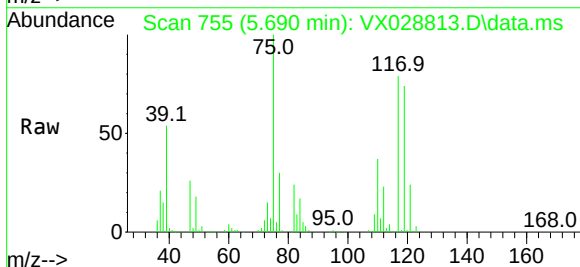
Tgt Ion: 75 Resp: 179188

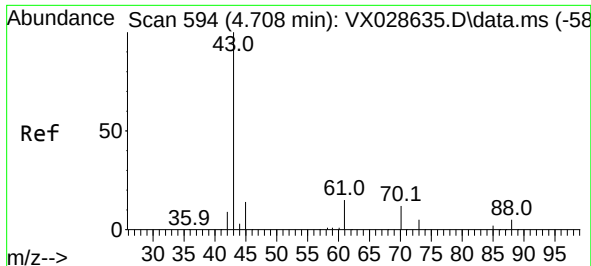
Ion Ratio Lower Upper

75 100

110 36.3 18.3 54.8

77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 51.735 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

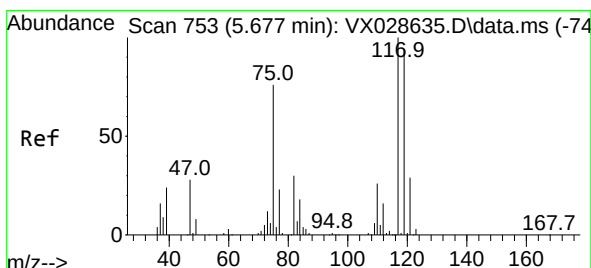
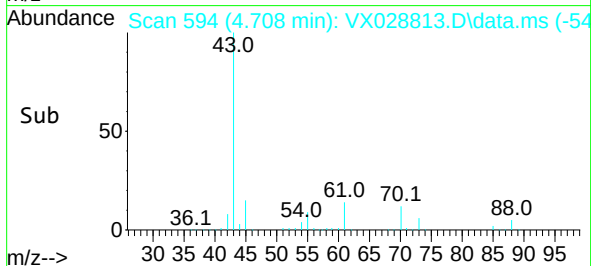
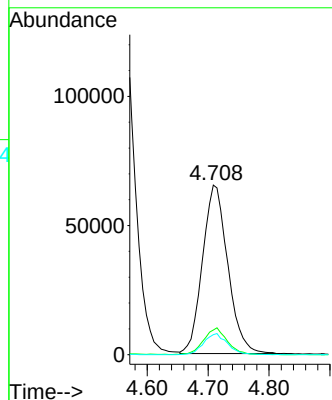
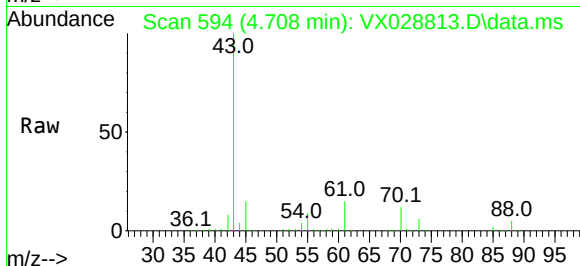
Tgt Ion: 43 Resp: 188201

Ion Ratio Lower Upper

43 100

61 14.5 12.6 19.0

70 11.8 10.2 15.2



#38

Carbon Tetrachloride

Concen: 54.955 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

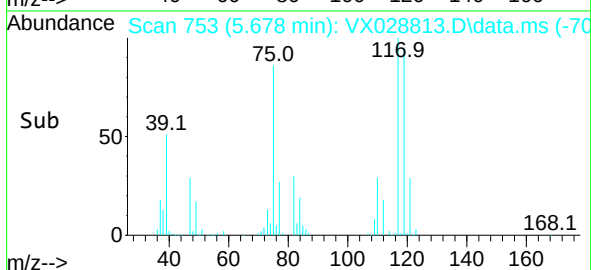
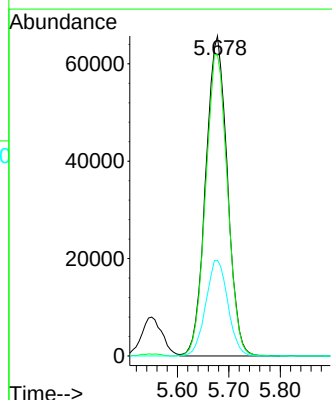
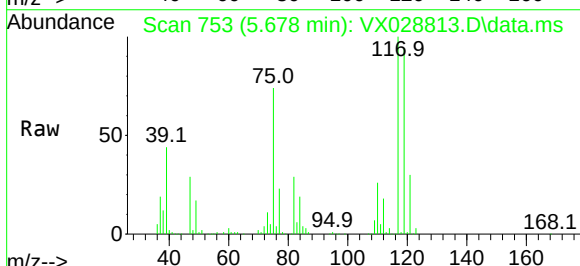
Tgt Ion: 117 Resp: 192620

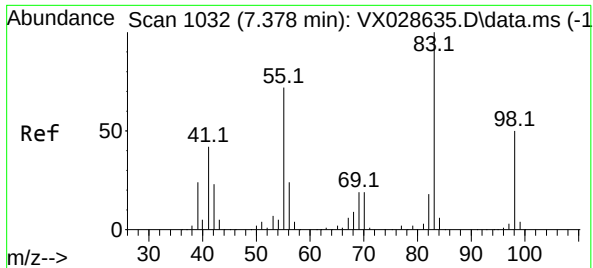
Ion Ratio Lower Upper

117 100

119 94.1 77.3 115.9

121 29.9 24.2 36.2

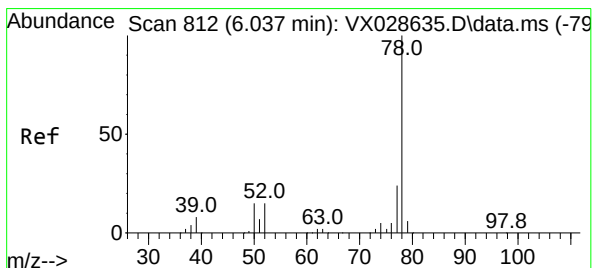
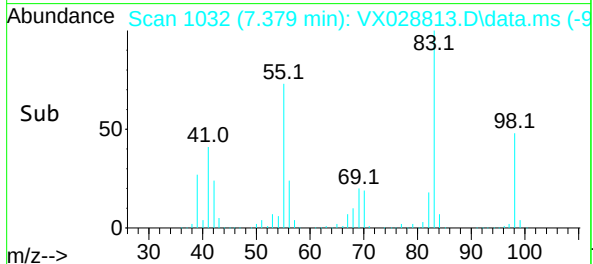
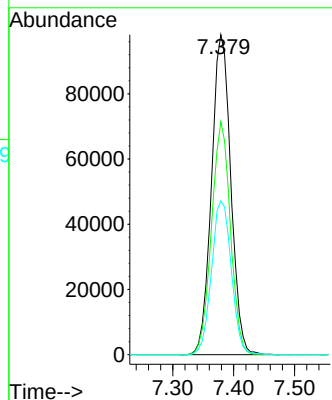
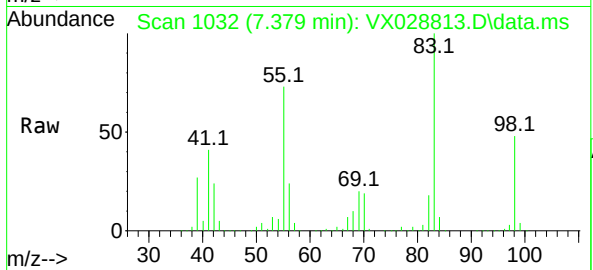




#39  
Methylcyclohexane  
Concen: 54.060 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

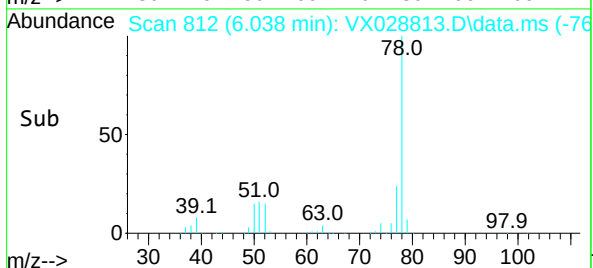
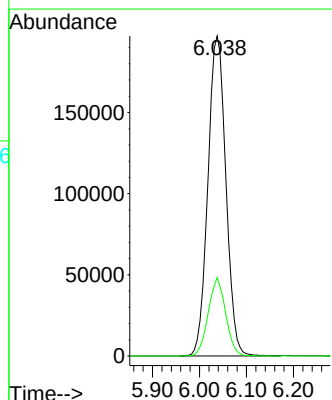
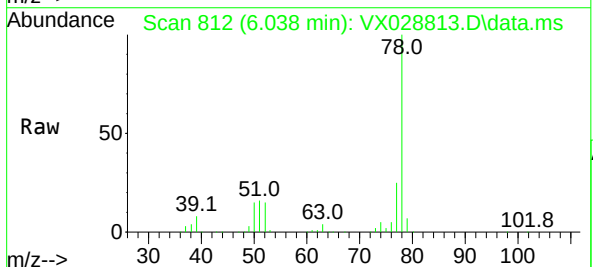
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 83 Resp: 215926  
Ion Ratio Lower Upper  
83 100  
55 72.8 54.6 81.8  
98 48.0 37.4 56.2

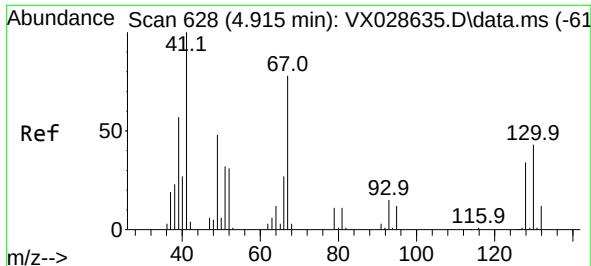


#40  
Benzene  
Concen: 52.281 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 78 Resp: 523320  
Ion Ratio Lower Upper  
78 100  
77 24.5 19.3 28.9



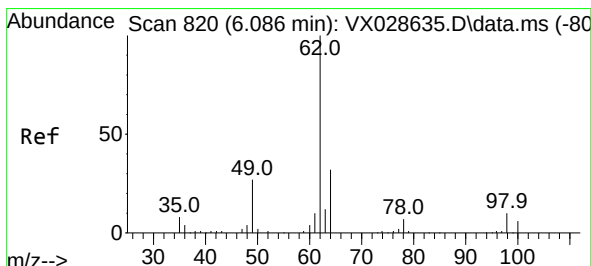
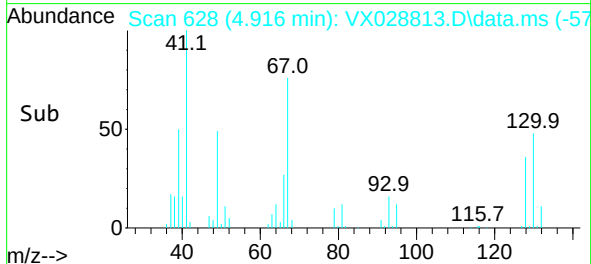
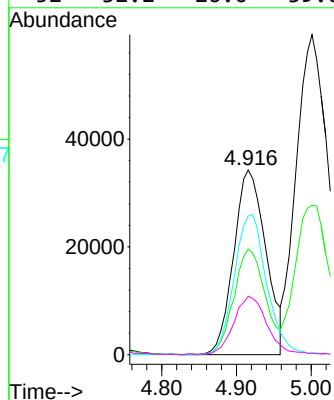
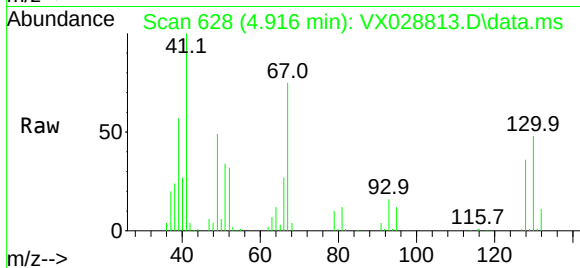




#41  
Methacrylonitrile  
Concen: 52.547 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

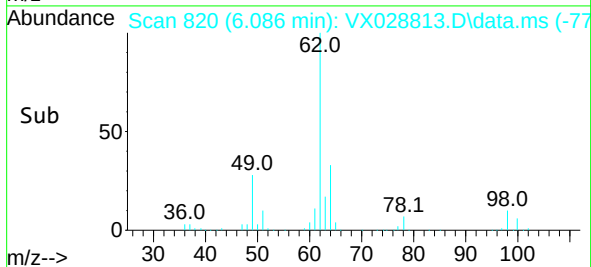
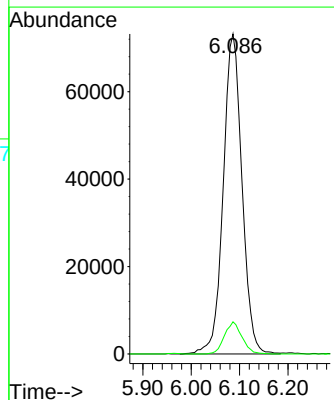
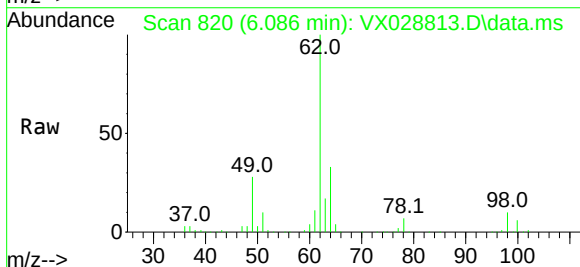
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

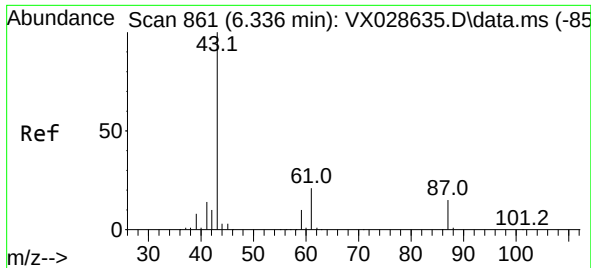
Tgt Ion: 41 Resp: 102494  
Ion Ratio Lower Upper  
41 100  
39 55.9 43.0 64.4  
67 76.8 70.2 105.4  
52 32.2 26.0 39.0



#42  
1,2-Dichloroethane  
Concen: 53.363 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 62 Resp: 197026  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 20.4

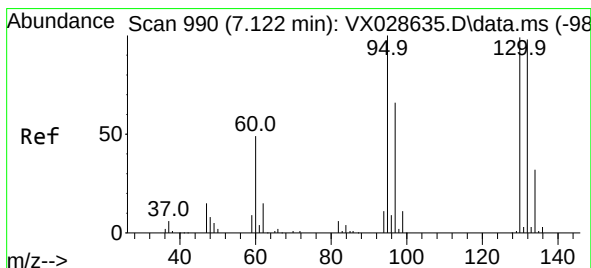
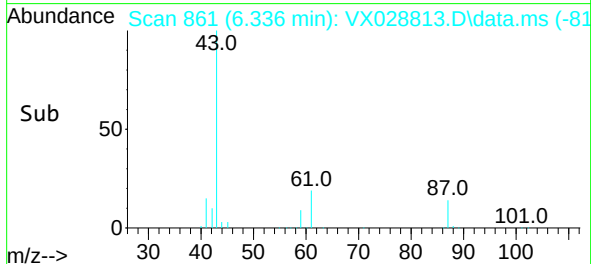
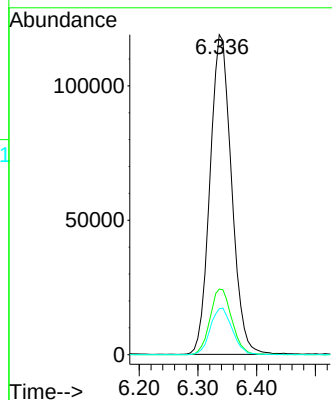
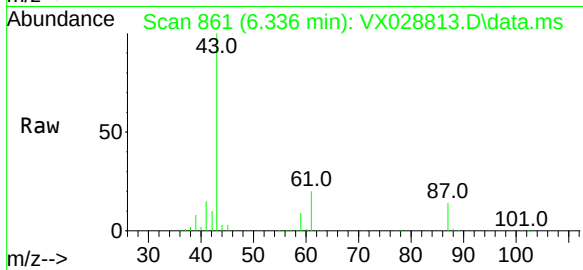




#43  
Isopropyl Acetate  
Concen: 53.198 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

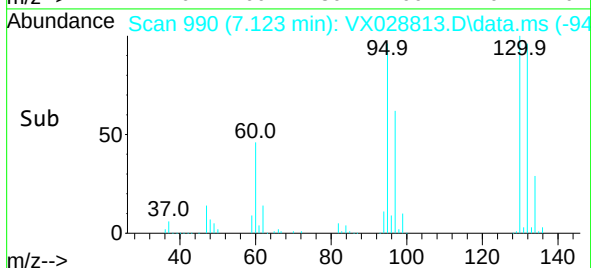
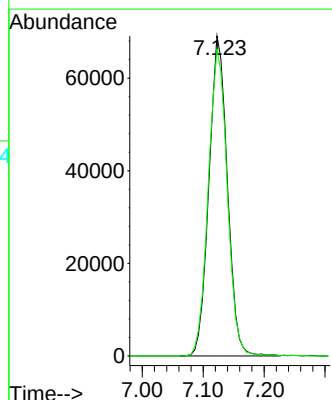
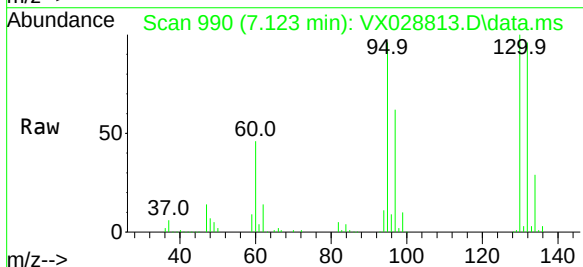
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

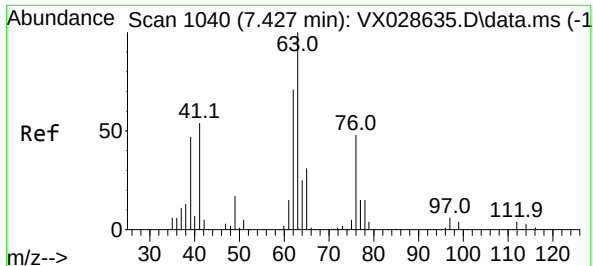
Tgt Ion: 43 Resp: 302756  
Ion Ratio Lower Upper  
43 100  
61 20.8 18.5 27.7  
87 14.9 13.0 19.6



#44  
Trichloroethene  
Concen: 53.488 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion:130 Resp: 145205  
Ion Ratio Lower Upper  
130 100  
95 95.8 0.0 188.8





#45

1,2-Dichloropropane

Concen: 53.657 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

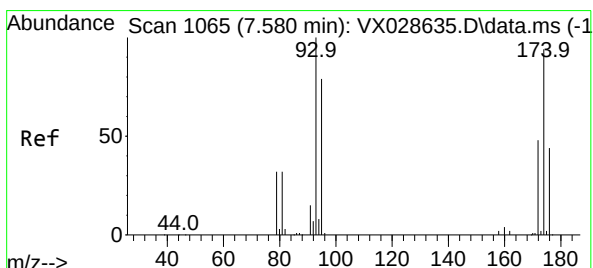
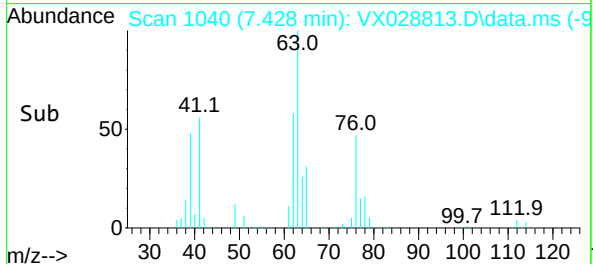
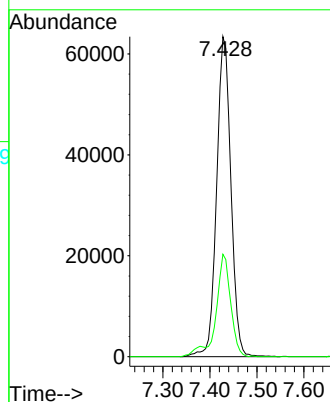
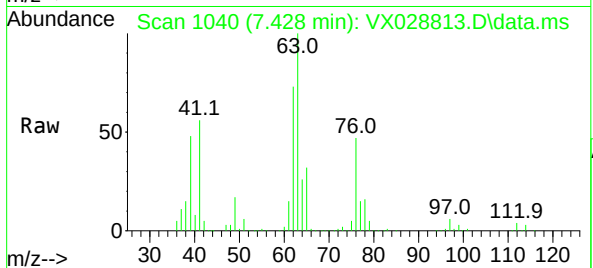
VSTDCCC050

Tgt Ion: 63 Resp: 134003

Ion Ratio Lower Upper

63 100

65 32.0 25.8 38.6



#46

Dibromomethane

Concen: 53.314 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

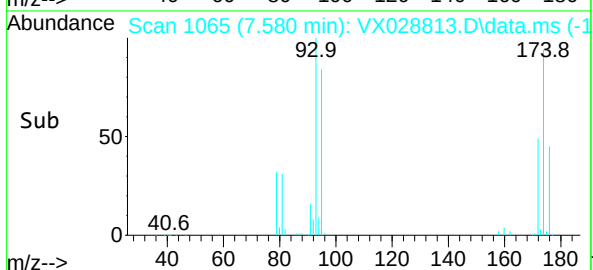
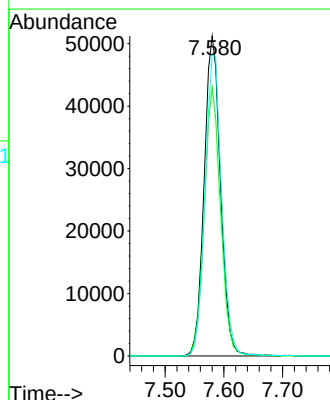
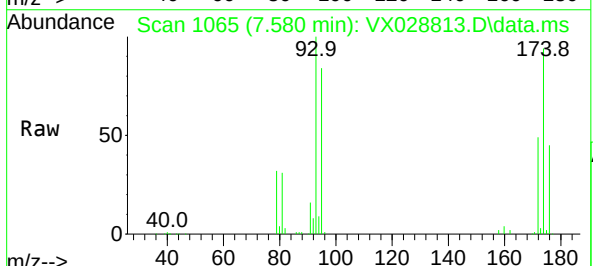
Tgt Ion: 93 Resp: 99433

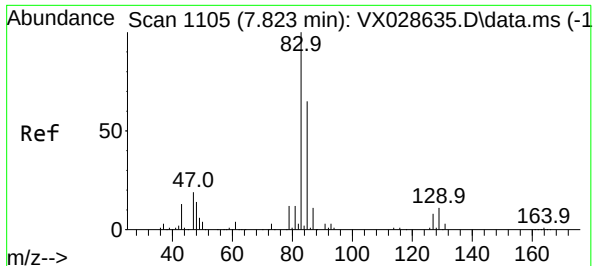
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.6

174 95.1 85.4 128.2

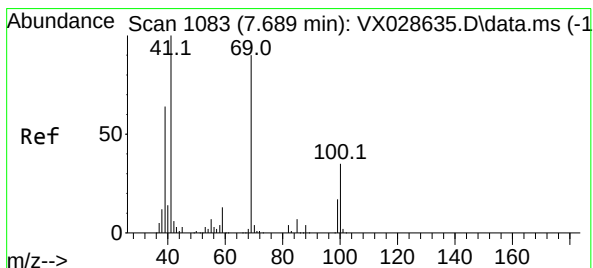
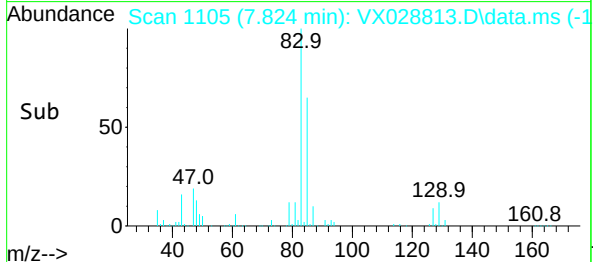
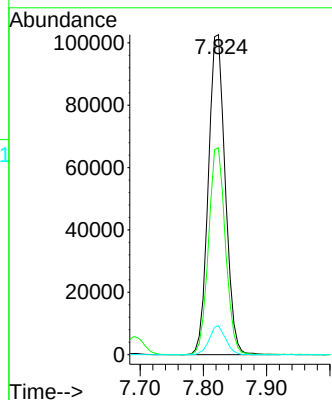
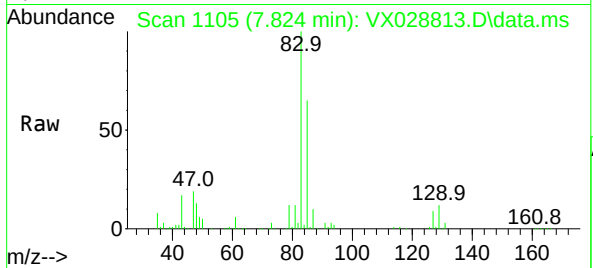




#47  
Bromodichloromethane  
Concen: 55.040 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

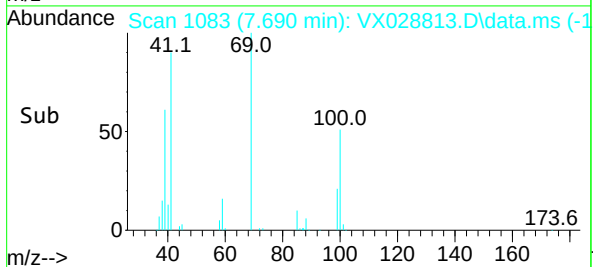
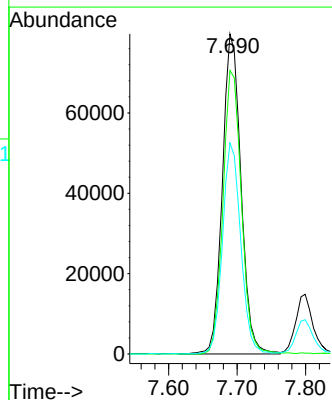
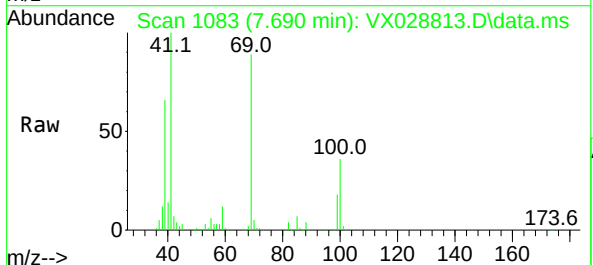
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

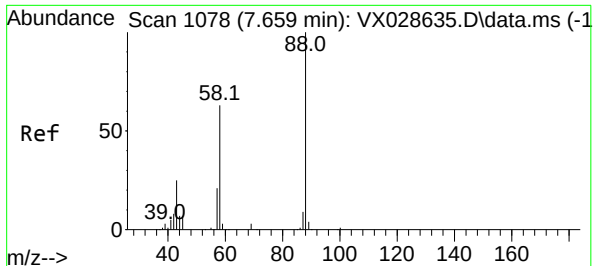
Tgt Ion: 83 Resp: 190583  
Ion Ratio Lower Upper  
83 100  
85 64.7 52.2 78.2  
127 9.1 6.8 10.2



#48  
Methyl methacrylate  
Concen: 54.385 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 41 Resp: 149518  
Ion Ratio Lower Upper  
41 100  
69 87.9 82.5 123.7  
39 64.7 43.8 65.8





#49

1,4-Dioxane

Concen: 954.278 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

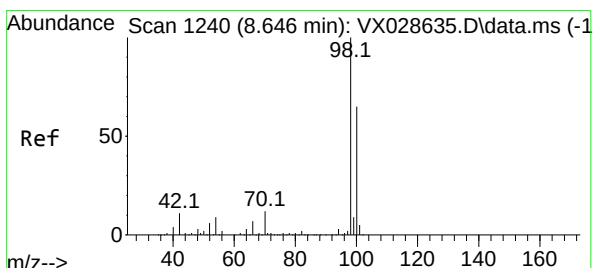
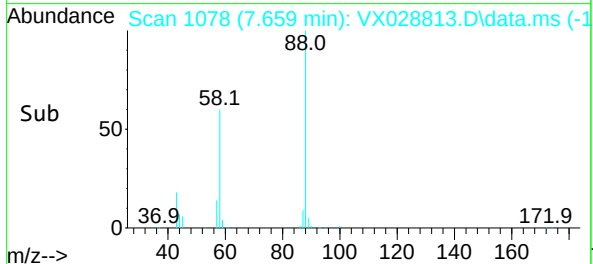
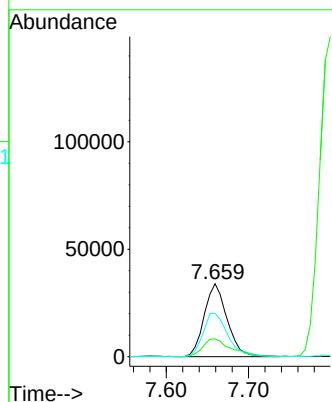
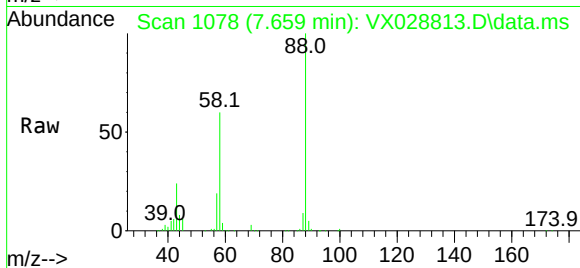
Tgt Ion: 88 Resp: 65541

Ion Ratio Lower Upper

88 100

43 31.0 21.9 32.9

58 64.6 53.7 80.5



#50

Toluene-d8

Concen: 52.566 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX028813.D

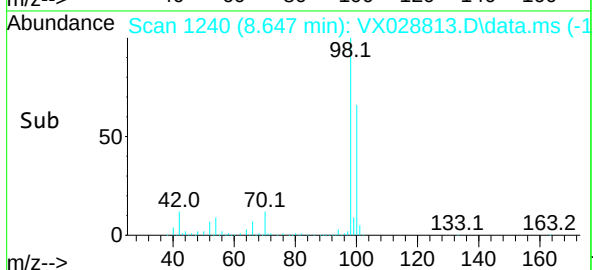
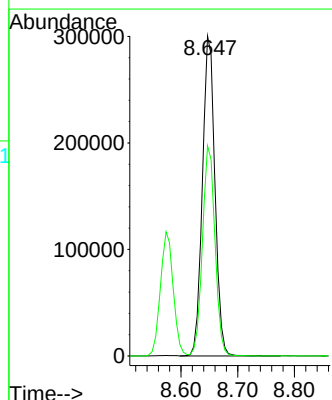
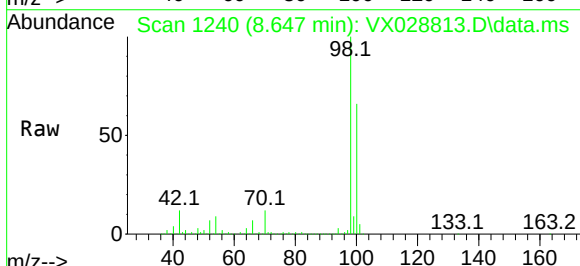
Acq: 19 May 2022 10:12

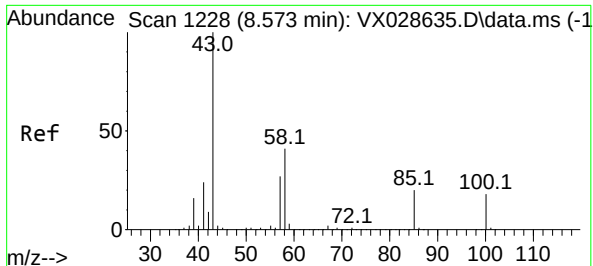
Tgt Ion: 98 Resp: 459556

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8

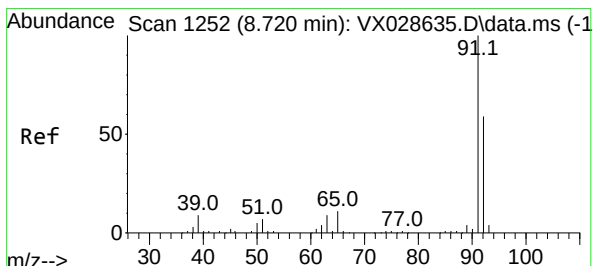
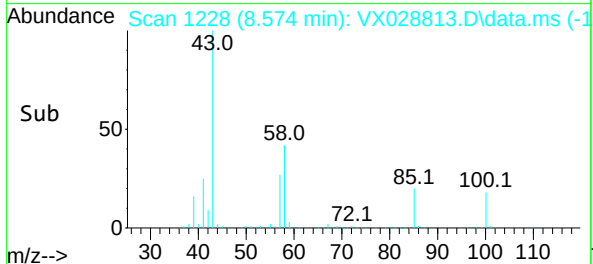
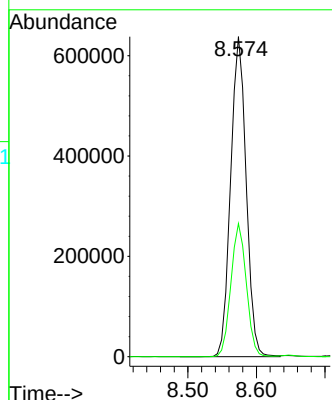
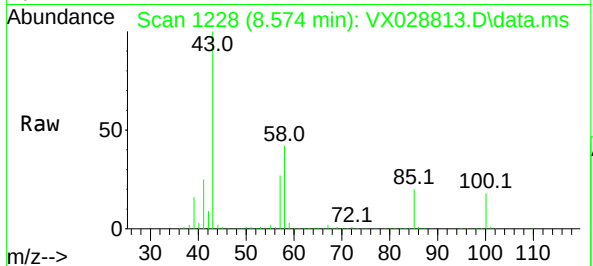




#51  
4-Methyl-2-Pentanone  
Concen: 267.627 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

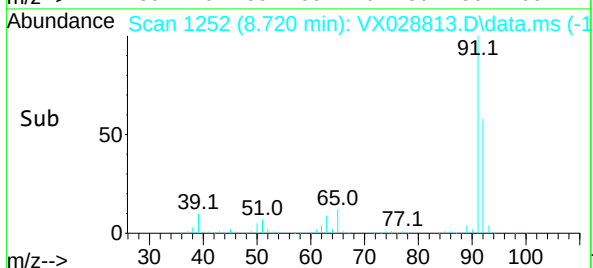
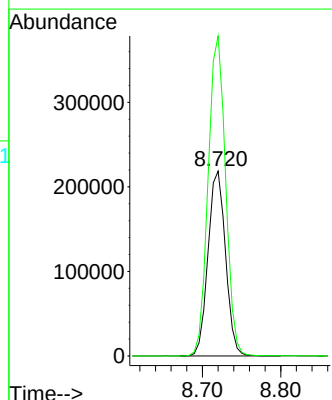
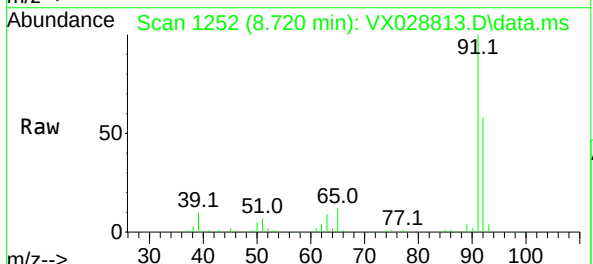
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

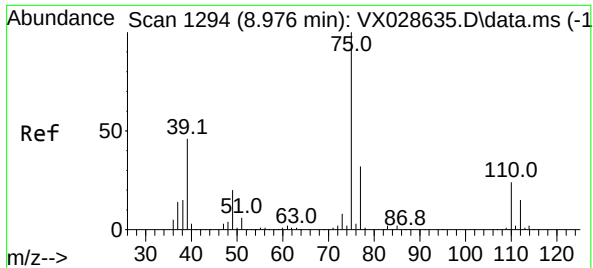
Tgt Ion: 43 Resp: 1003256  
Ion Ratio Lower Upper  
43 100  
58 41.3 36.1 54.1



#52  
Toluene  
Concen: 52.595 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 92 Resp: 338659  
Ion Ratio Lower Upper  
92 100  
91 172.5 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 50.825 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

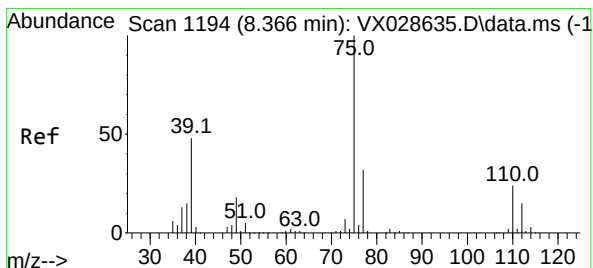
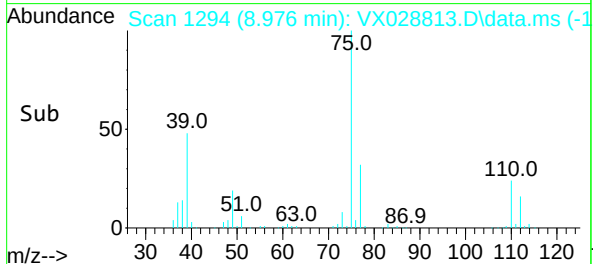
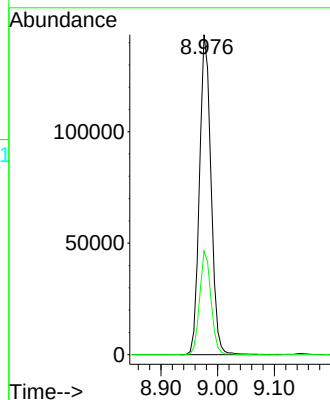
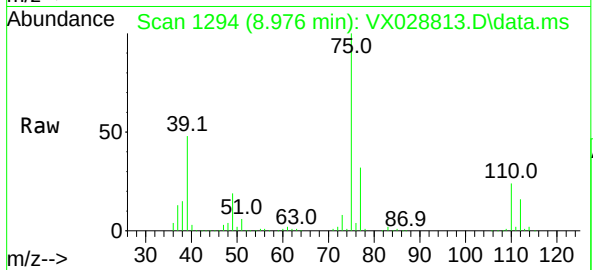
VSTDCCC050

Tgt Ion: 75 Resp: 202693

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 56.246 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

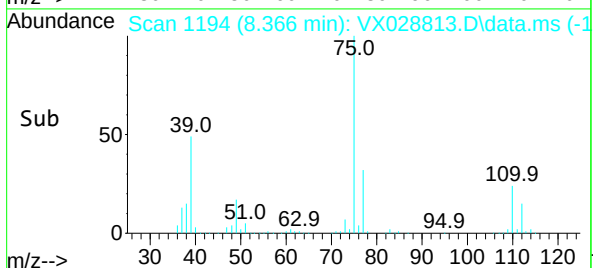
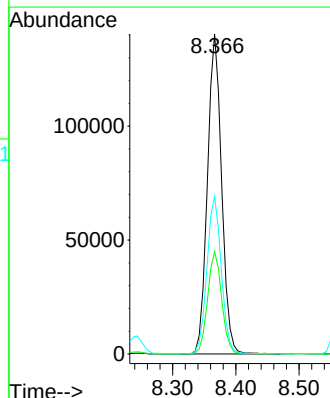
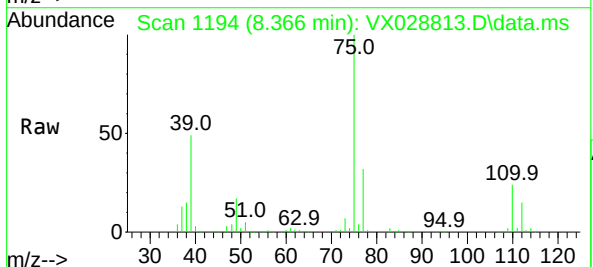
Tgt Ion: 75 Resp: 219143

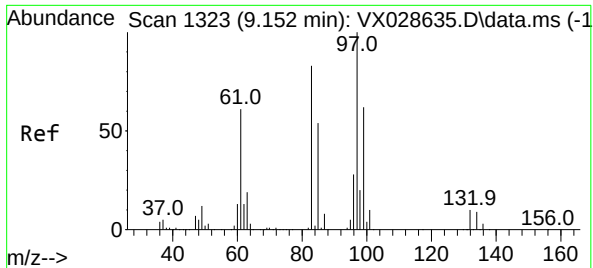
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 49.2 29.6 44.4#



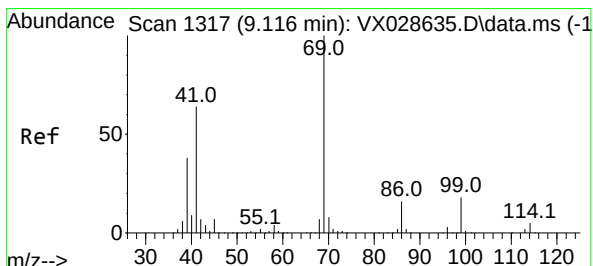
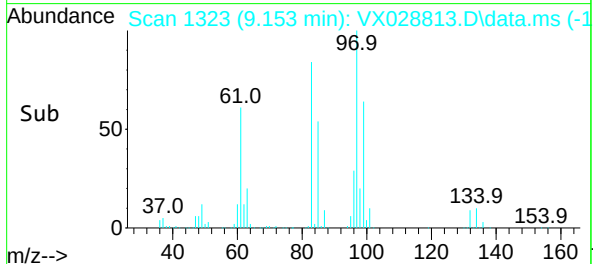
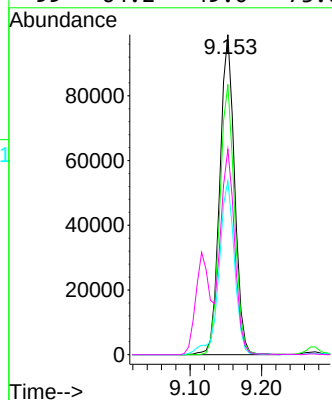
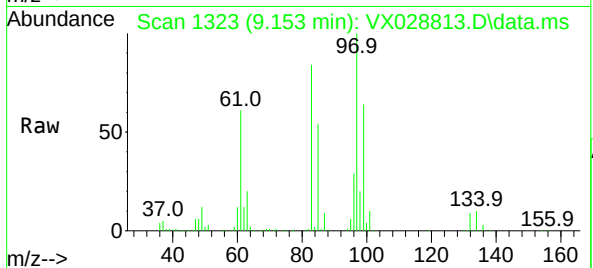


#55  
1,1,2-Trichloroethane  
Concen: 54.201 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 142312

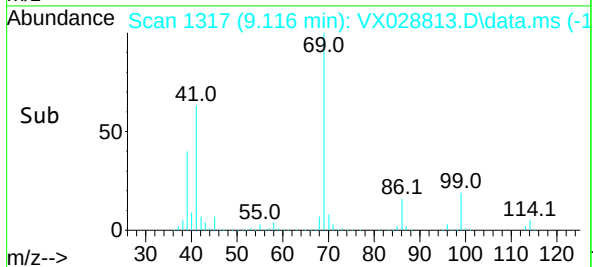
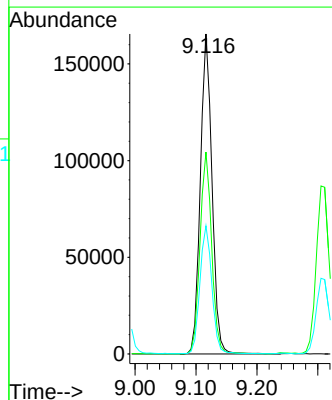
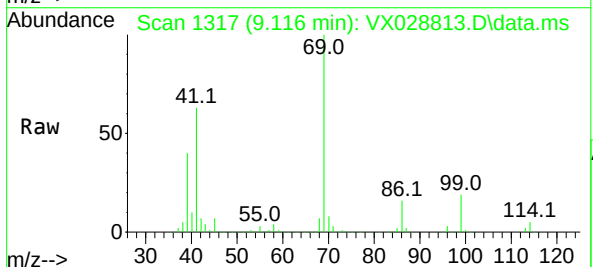
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.5  | 66.2  | 99.4  |
| 85  | 54.3  | 42.9  | 64.3  |
| 99  | 64.2  | 49.0  | 73.6  |



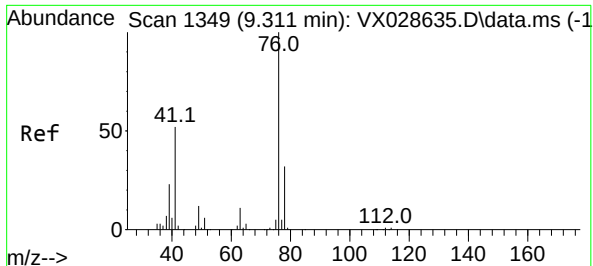
#56  
Ethyl methacrylate  
Concen: 55.365 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 69 Resp: 220138

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 63.3  | 43.8  | 65.6  |
| 39  | 41.1  | 22.2  | 33.2  |







#57

1,3-Dichloropropane

Concen: 53.219 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

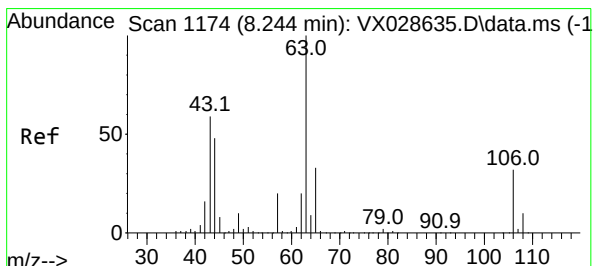
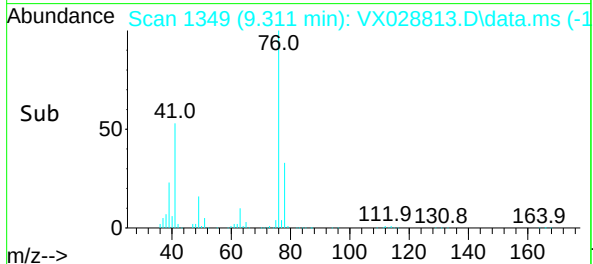
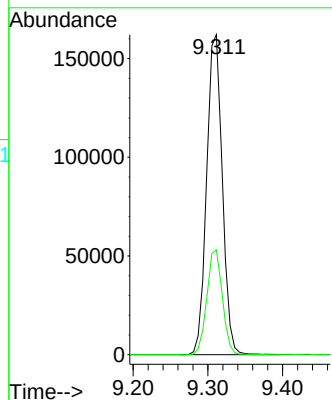
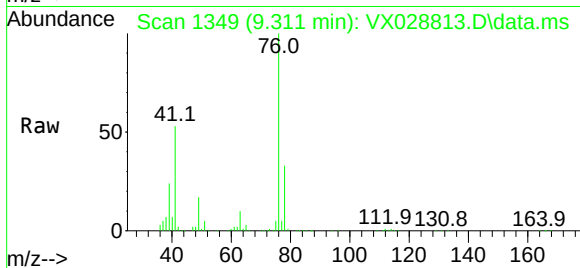
VSTDCCC050

Tgt Ion: 76 Resp: 235683

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 287.817 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028813.D

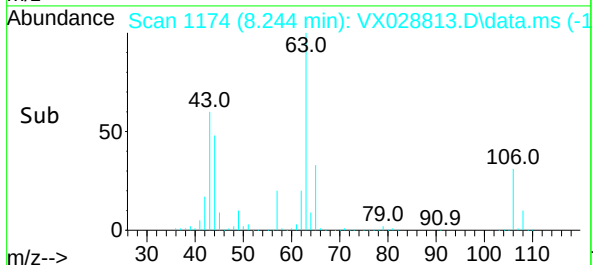
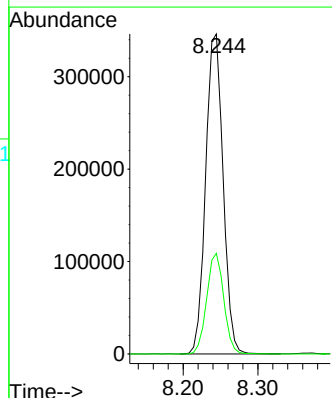
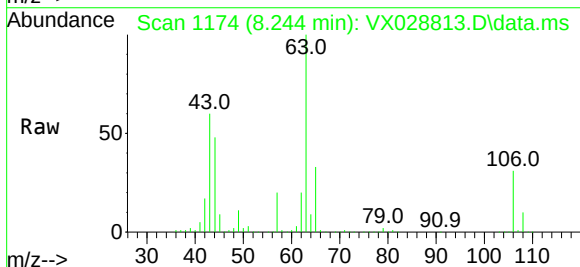
Acq: 19 May 2022 10:12

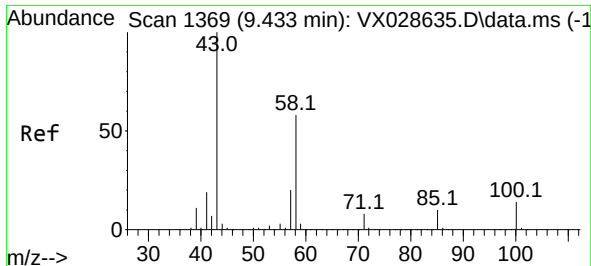
Tgt Ion: 63 Resp: 560278

Ion Ratio Lower Upper

63 100

106 30.8 23.9 35.9





#59

2-Hexanone

Concen: 285.655 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

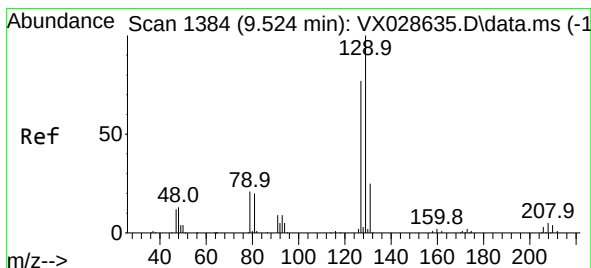
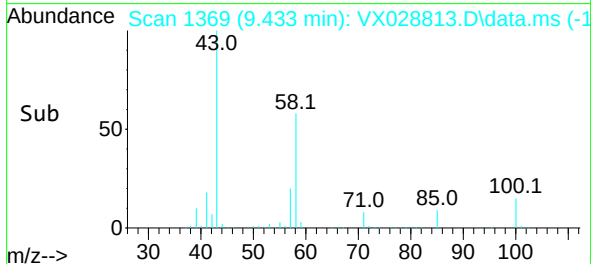
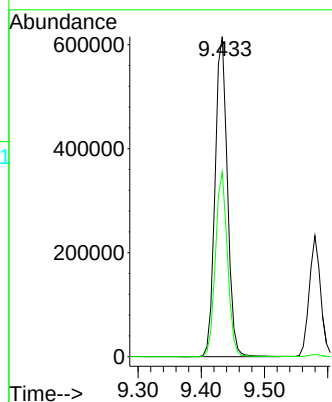
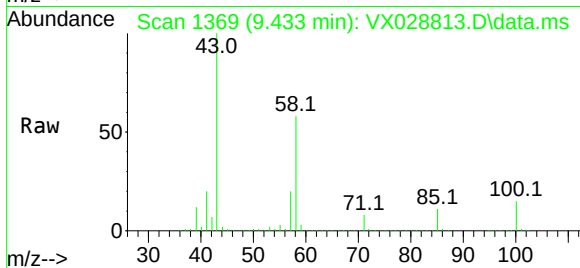
VSTDCCC050

Tgt Ion: 43 Resp: 831962

Ion Ratio Lower Upper

43 100

58 56.5 31.9 95.7



#60

Dibromochloromethane

Concen: 63.350 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX028813.D

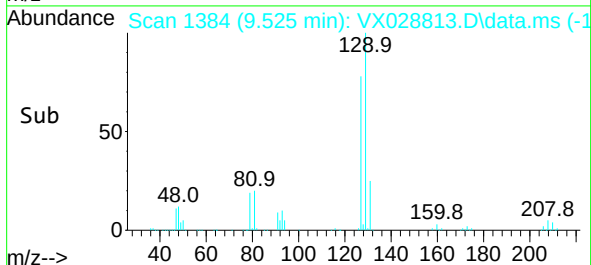
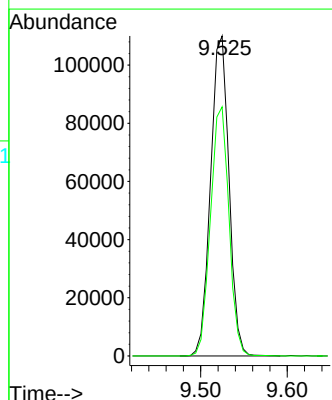
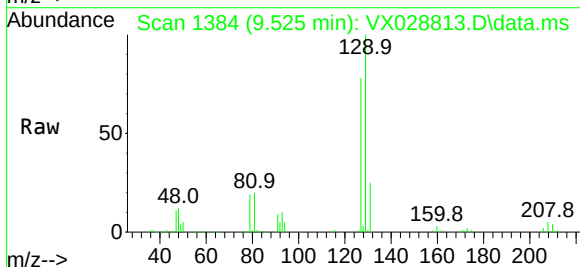
Acq: 19 May 2022 10:12

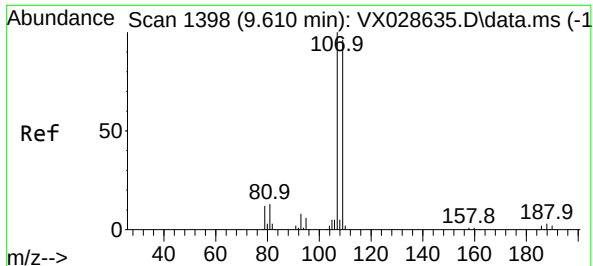
Tgt Ion: 129 Resp: 162221

Ion Ratio Lower Upper

129 100

127 78.3 40.3 120.8

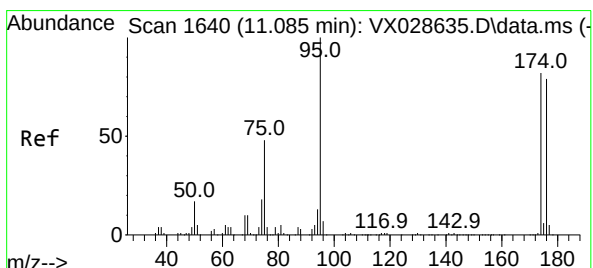
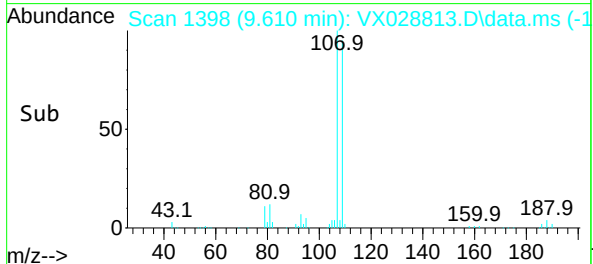
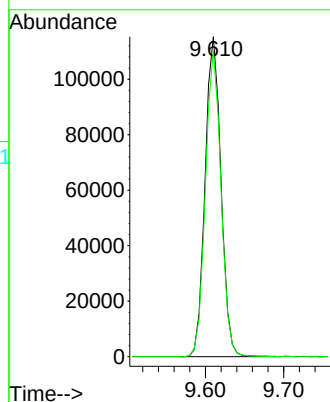
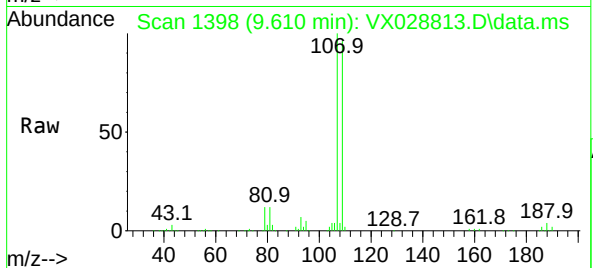




#61  
1,2-Dibromoethane  
Concen: 58.738 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

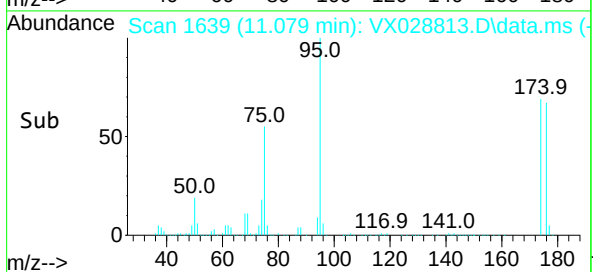
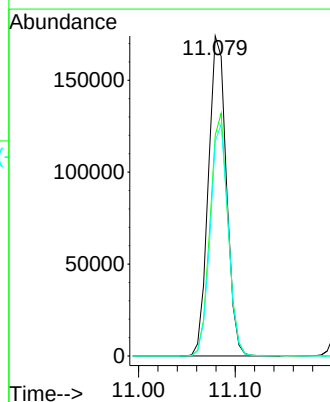
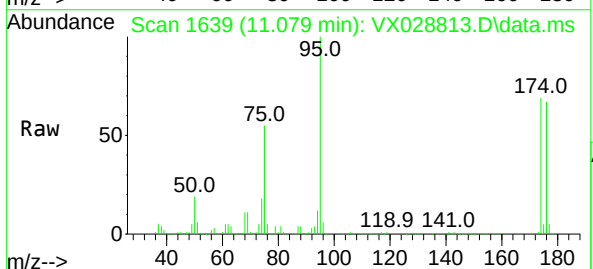
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

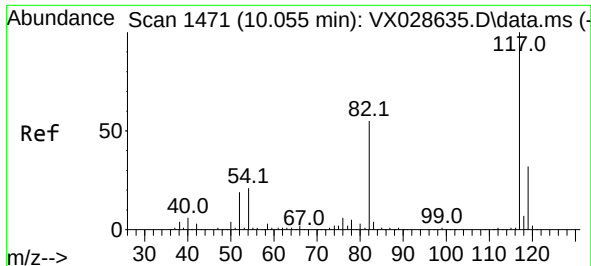
Tgt Ion:107 Resp: 161982  
Ion Ratio Lower Upper  
107 100  
109 94.0 74.4 111.6



#62  
4-Bromofluorobenzene  
Concen: 68.761 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 95 Resp: 224532  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 163.0  
176 72.3 0.0 155.0

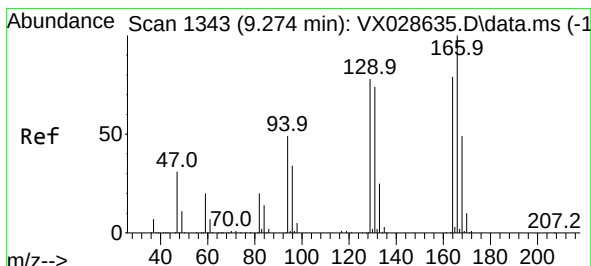
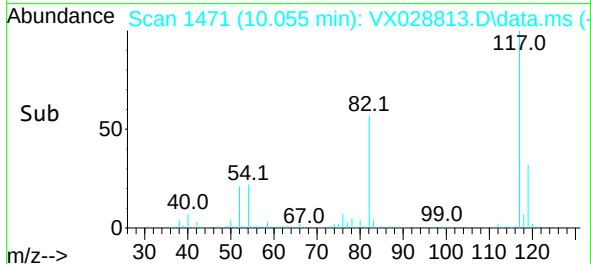
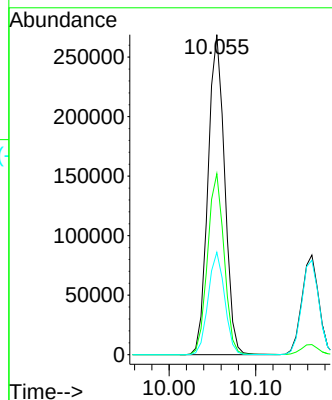
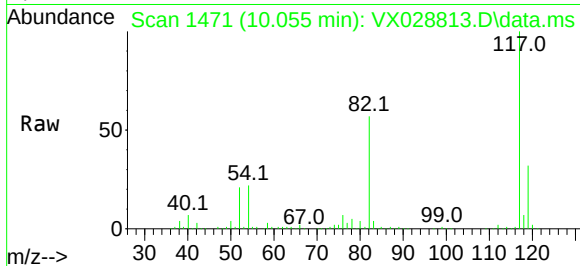




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

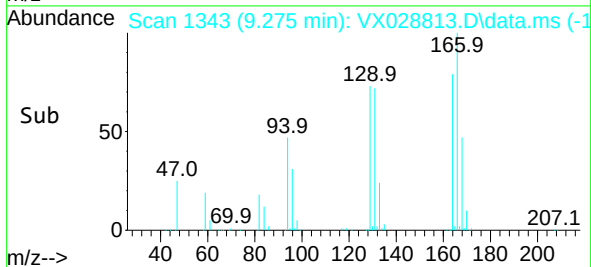
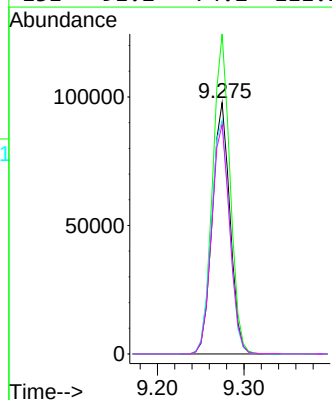
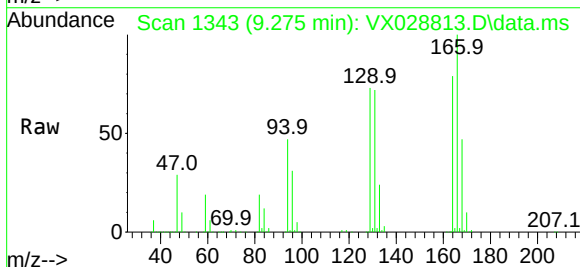
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

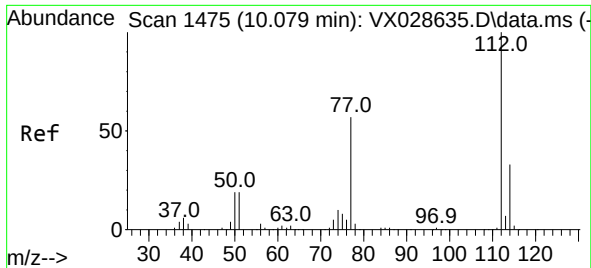
Tgt Ion:117 Resp: 359153  
Ion Ratio Lower Upper  
117 100  
82 56.6 41.8 62.8  
119 32.0 24.8 37.2



#64  
Tetrachloroethene  
Concen: 50.951 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion:164 Resp: 138187  
Ion Ratio Lower Upper  
164 100  
166 127.3 101.2 151.8  
129 92.9 73.0 109.4  
131 91.2 74.2 111.2

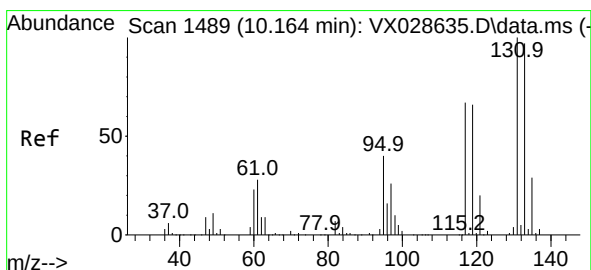
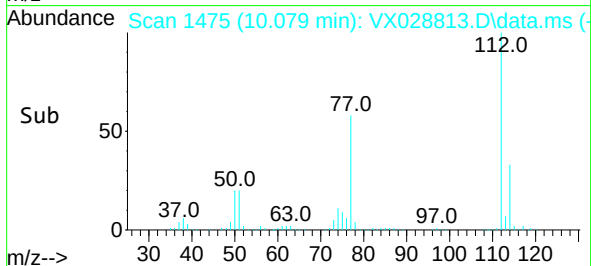
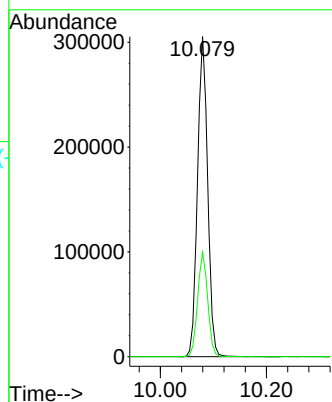
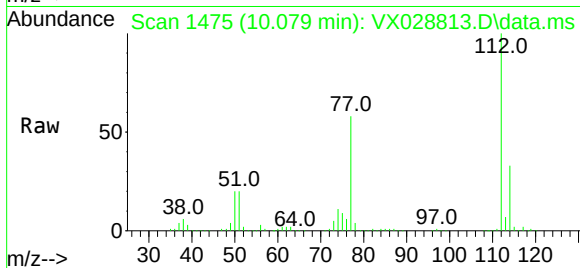




#65  
Chlorobenzene  
Concen: 53.282 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

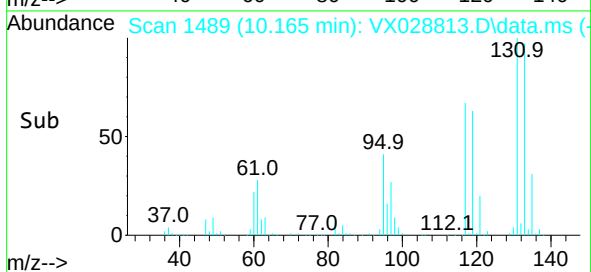
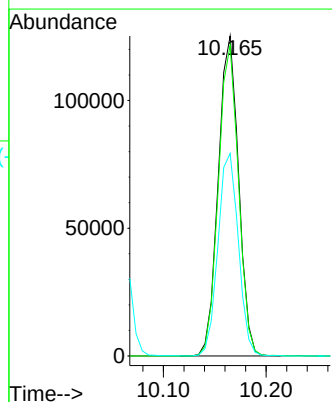
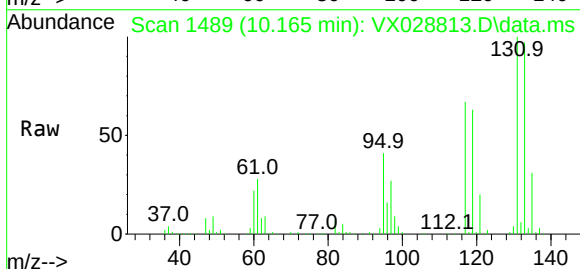
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ClientSampleId :  
VSTDCCC050

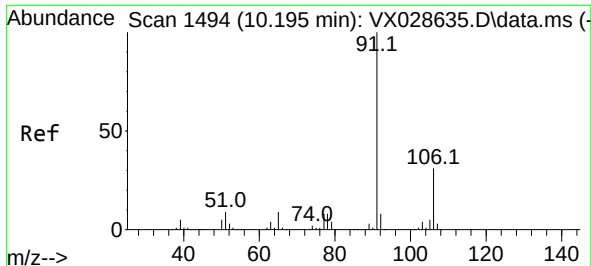
Tgt Ion:112 Resp: 405969  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 63.613 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion:131 Resp: 171693  
Ion Ratio Lower Upper  
131 100  
133 96.0 48.3 144.8  
119 63.7 32.6 98.0





#67

Ethyl Benzene

Concen: 59.609 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

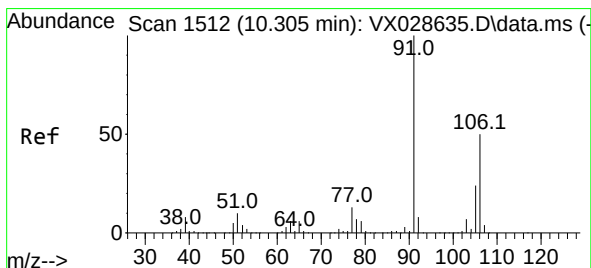
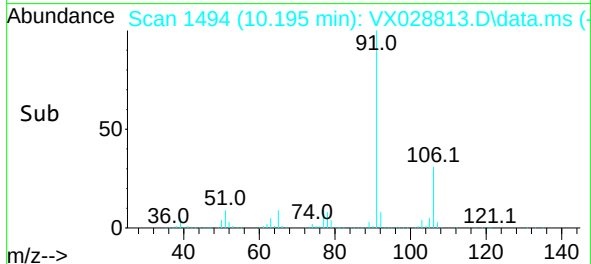
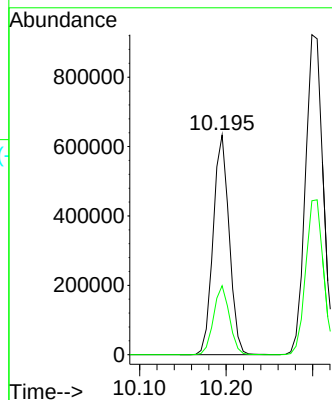
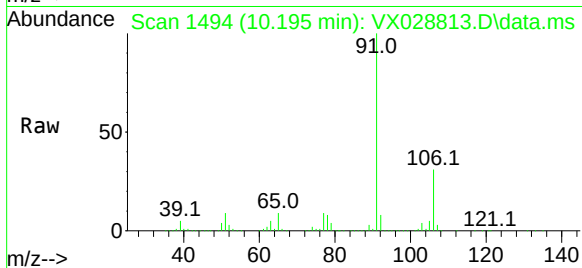
VSTDCCC050

Tgt Ion: 91 Resp: 814065

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 118.940 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028813.D

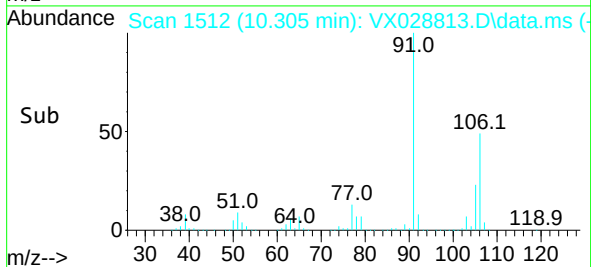
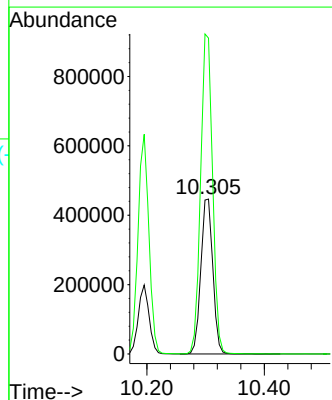
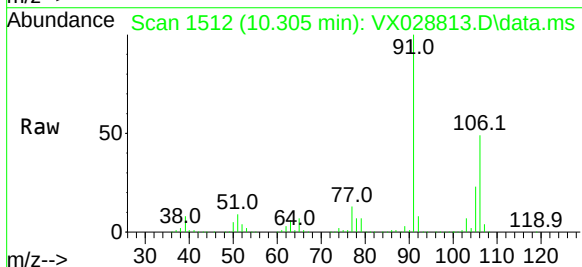
Acq: 19 May 2022 10:12

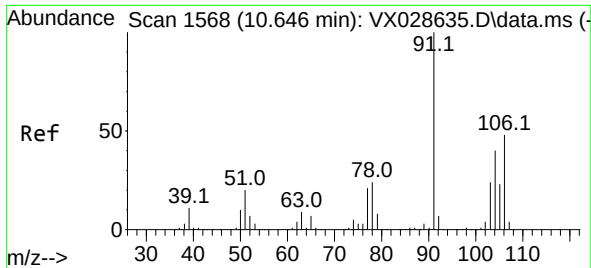
Tgt Ion: 106 Resp: 632390

Ion Ratio Lower Upper

106 100

91 206.0 160.4 240.6

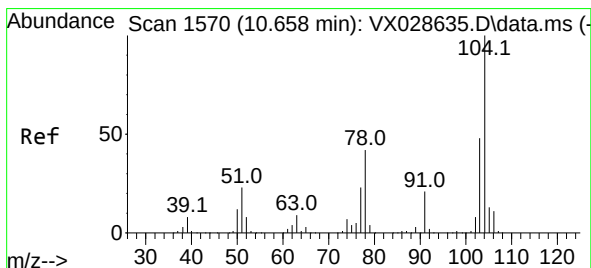
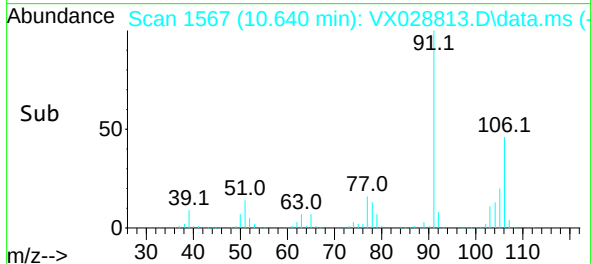
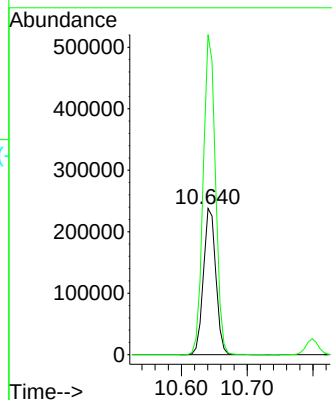
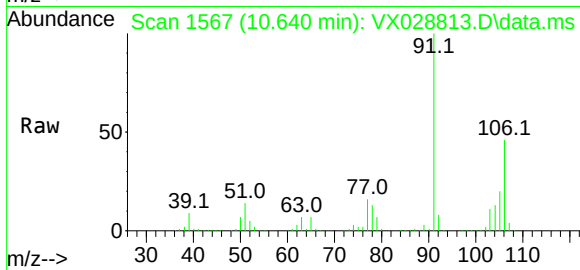




#69  
o-Xylene  
Concen: 59.702 ug/l  
RT: 10.640 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

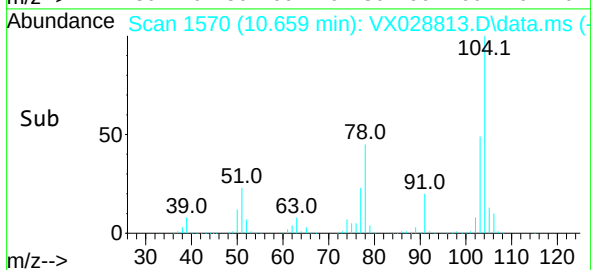
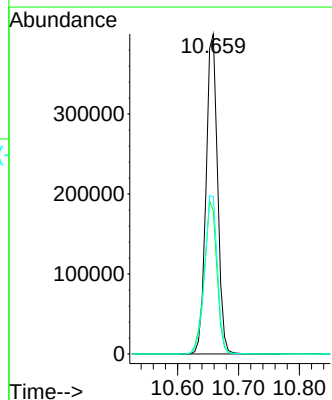
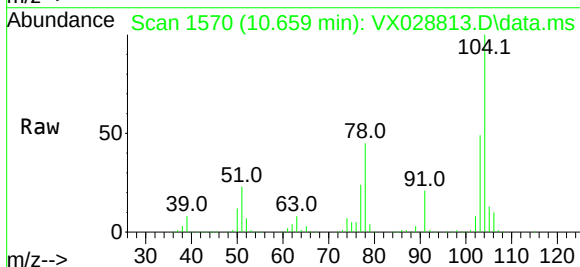
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

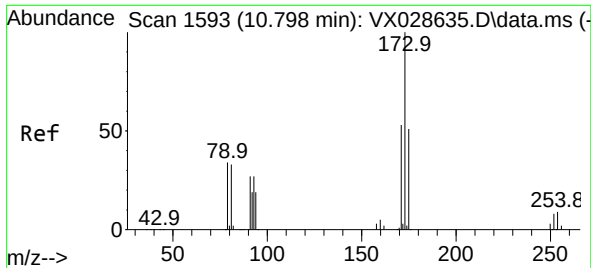
Tgt Ion:106 Resp: 312528  
Ion Ratio Lower Upper  
106 100  
91 216.6 106.1 318.1



#70  
Styrene  
Concen: 62.179 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion:104 Resp: 528579  
Ion Ratio Lower Upper  
104 100  
78 52.6 38.6 57.8  
103 54.7 43.8 65.8

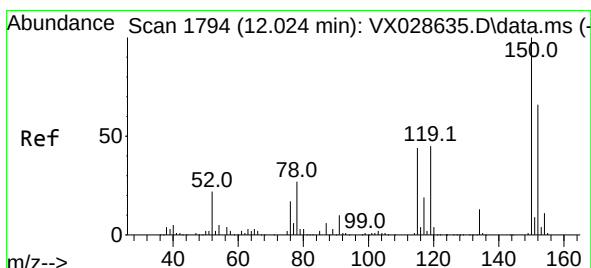
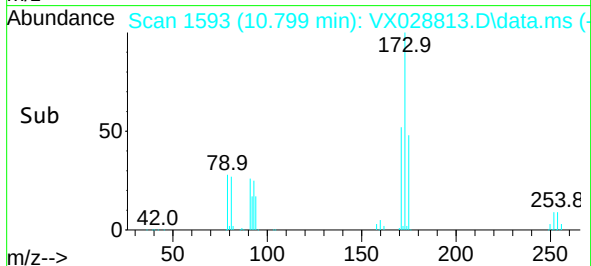
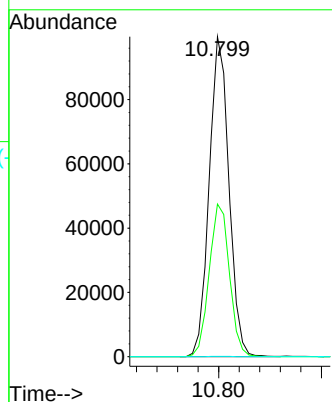
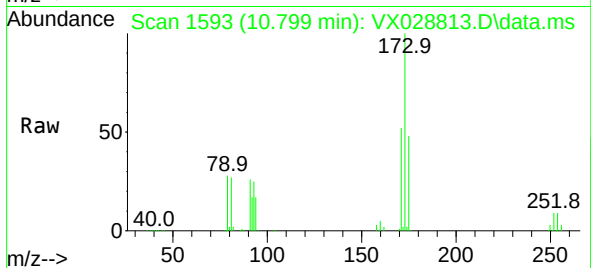




#71  
Bromoform  
Concen: 59.027 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

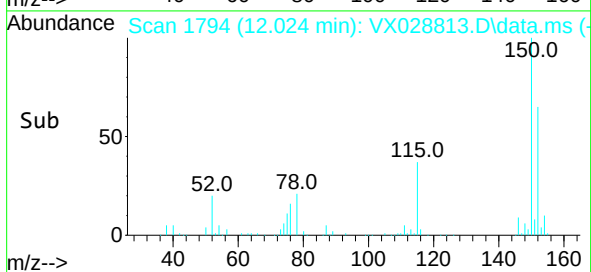
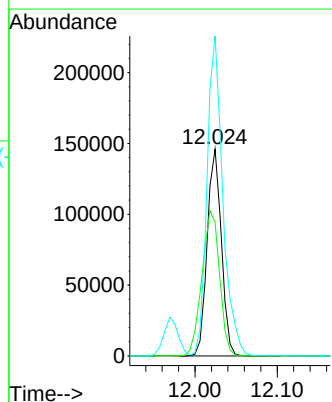
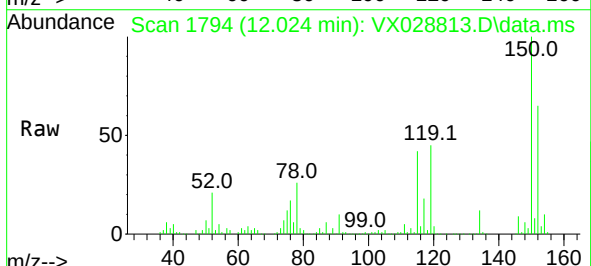
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 132798  
Ion Ratio Lower Upper  
173 100  
175 49.0 24.1 72.2  
254 0.1 0.1 0.1

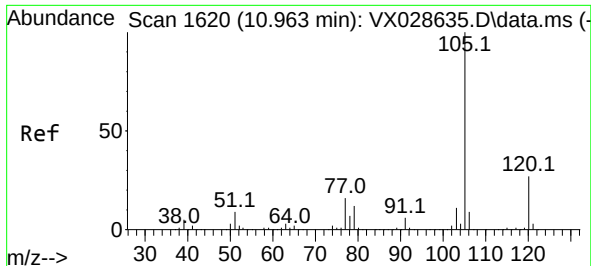


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion:152 Resp: 174801  
Ion Ratio Lower Upper  
152 100  
115 87.4 37.5 112.7  
150 172.5 0.0 338.2



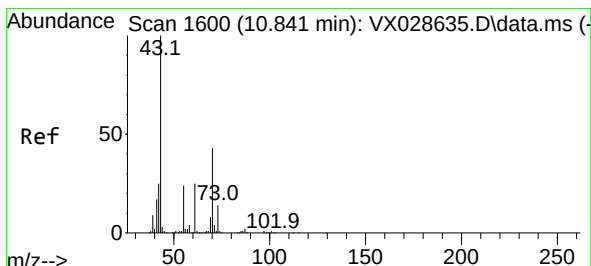
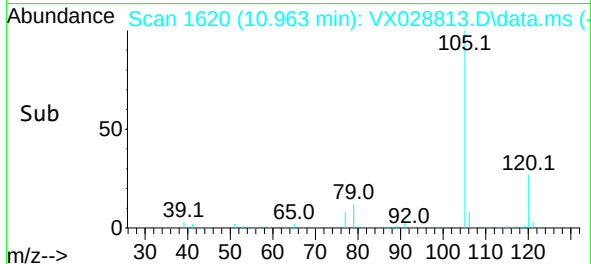
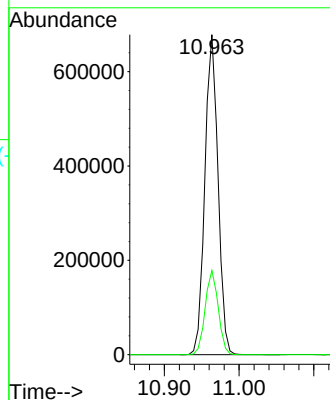
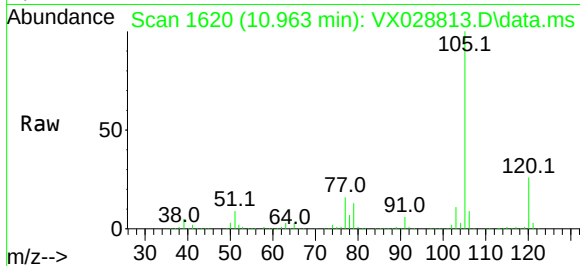




#73  
Isopropylbenzene  
Concen: 62.366 ug/l  
RT: 10.963 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

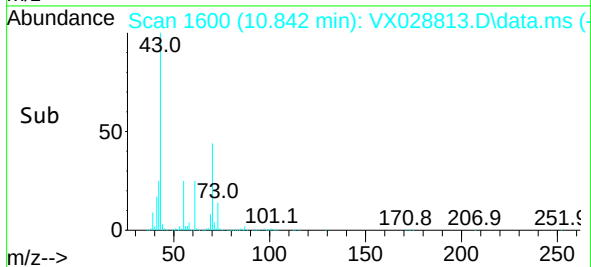
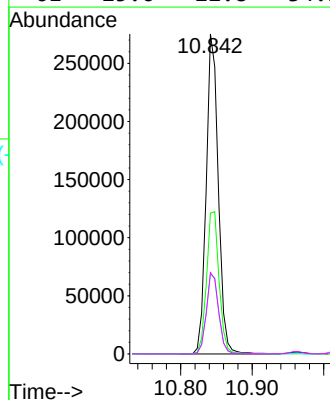
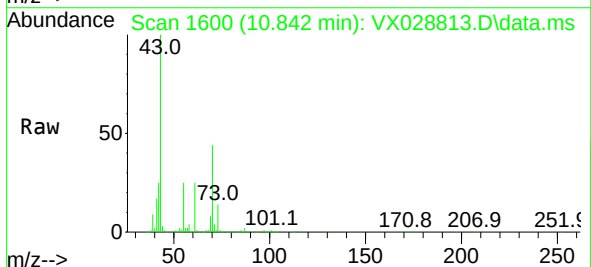
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

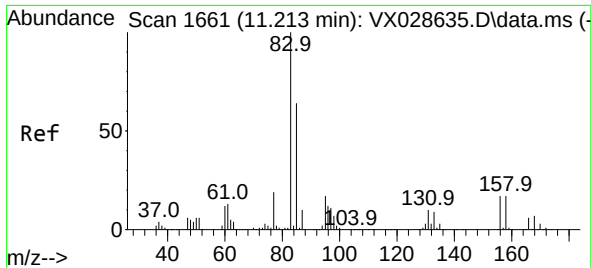
Tgt Ion:105 Resp: 826731  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.5 40.5



#74  
N-ethyl acetate  
Concen: 62.111 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 43 Resp: 323650  
Ion Ratio Lower Upper  
43 100  
70 46.3 42.5 63.7  
55 25.8 23.1 34.7  
61 25.6 22.8 34.2

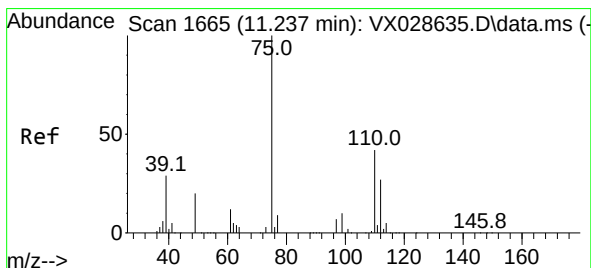
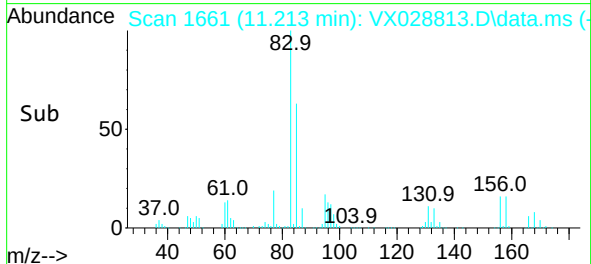
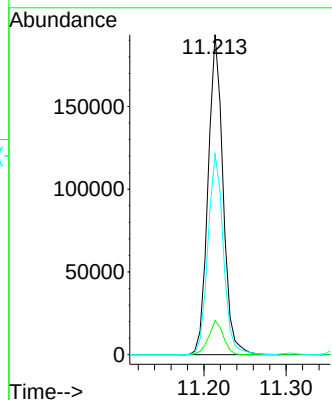
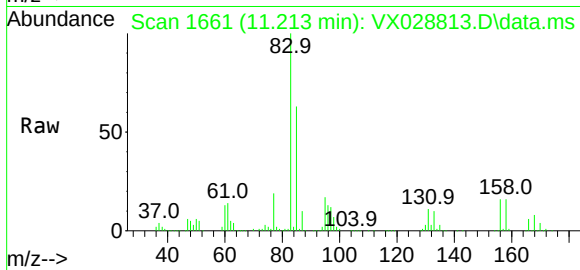




#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.788 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

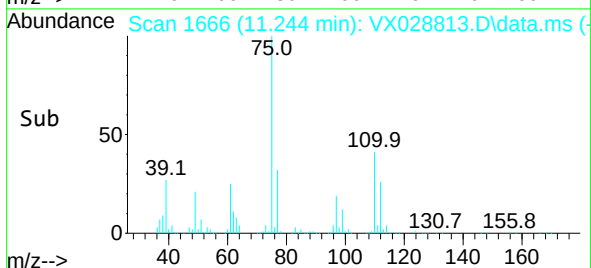
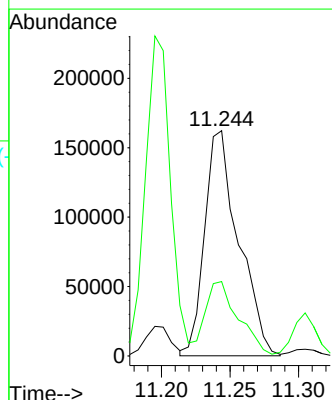
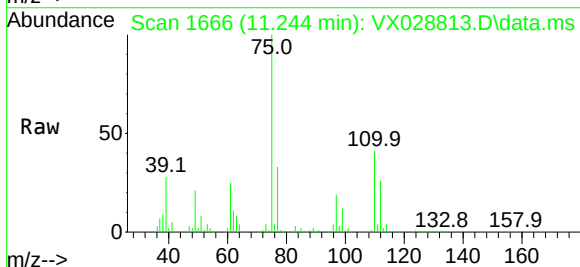
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ClientSampleId :  
VSTDCCC050

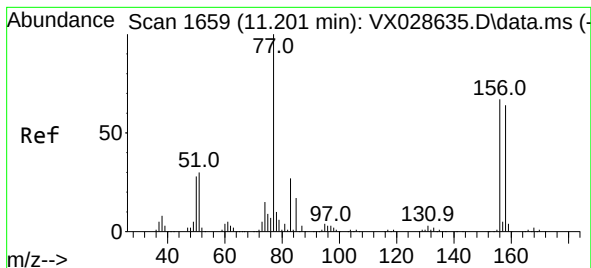
Tgt Ion: 83 Resp: 244607  
Ion Ratio Lower Upper  
83 100  
131 10.5 5.1 15.3  
85 64.5 32.6 97.7



#76  
1,2,3-Trichloropropane  
Concen: 68.359 ug/l  
RT: 11.244 min Scan# 1666  
Delta R.T. 0.007 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 75 Resp: 279839  
Ion Ratio Lower Upper  
75 100  
77 32.7 19.4 58.2





#77

Bromobenzene

Concen: 58.864 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

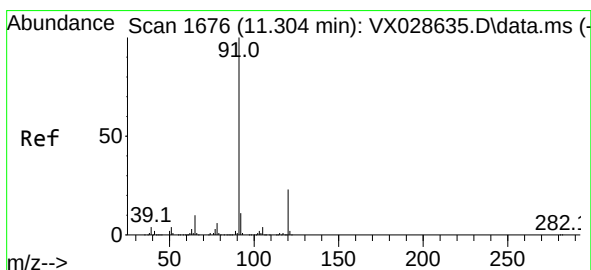
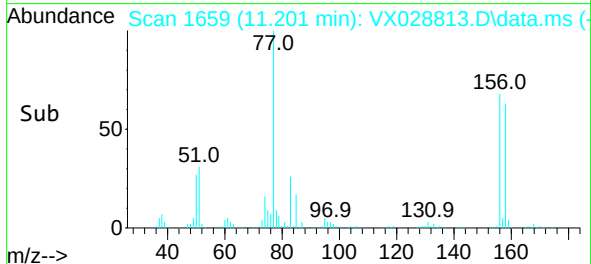
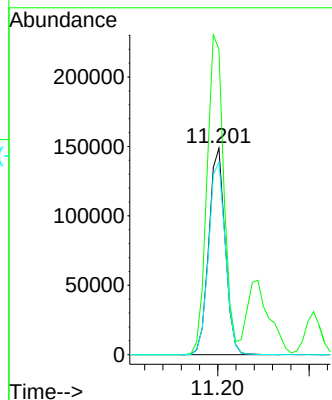
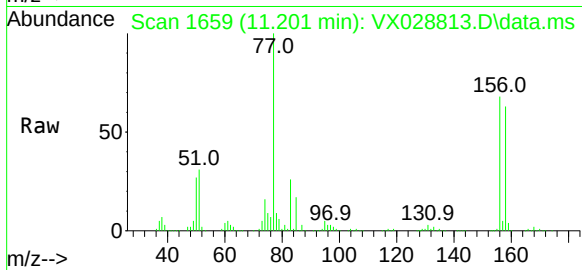
Tgt Ion:156 Resp: 184629

Ion Ratio Lower Upper

156 100

77 159.5 78.5 235.3

158 96.1 50.2 150.7



#78

n-propylbenzene

Concen: 56.544 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX028813.D

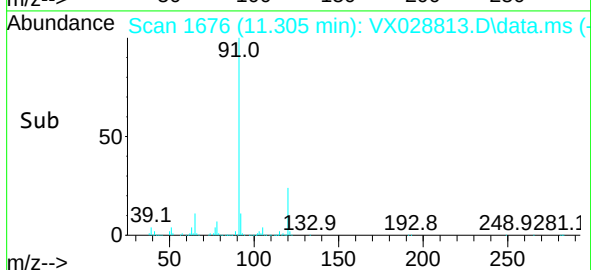
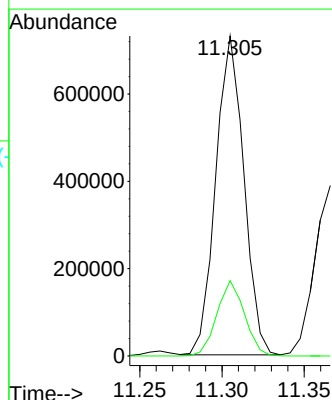
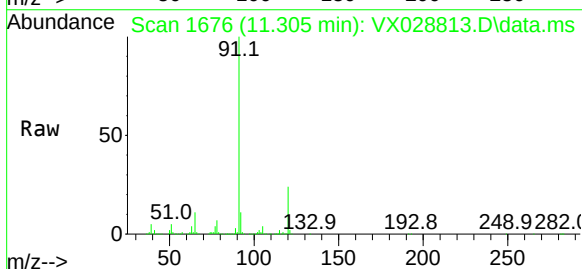
Acq: 19 May 2022 10:12

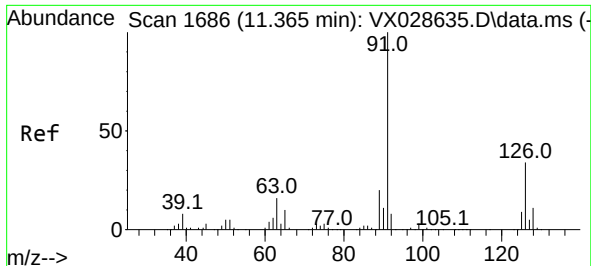
Tgt Ion: 91 Resp: 867021

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8

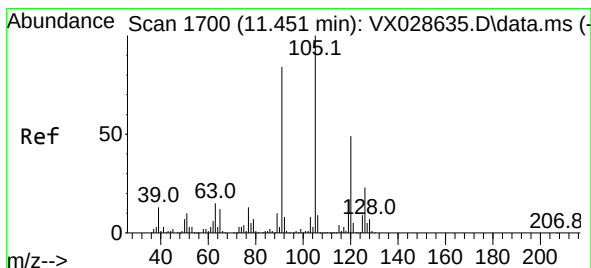
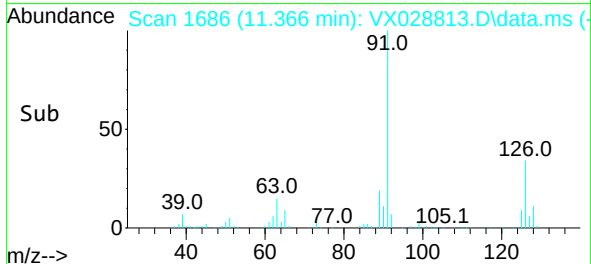
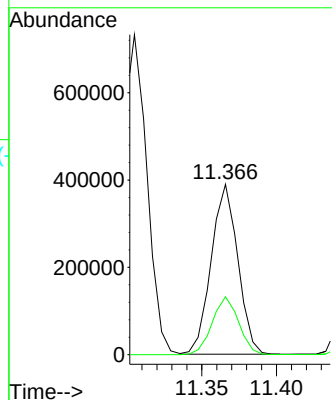
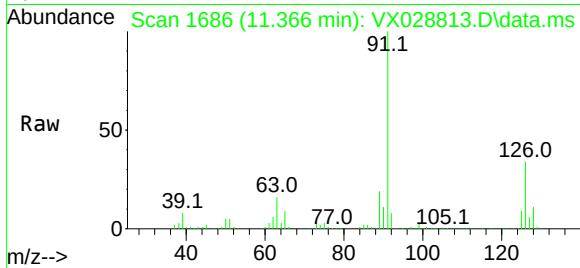




#79  
2-Chlorotoluene  
Concen: 51.313 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

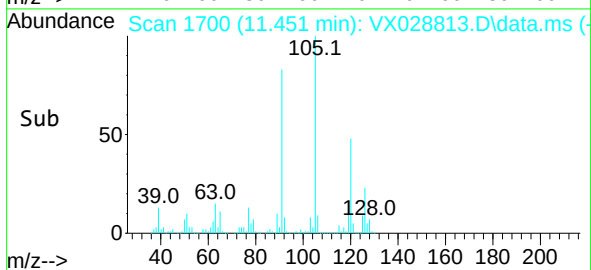
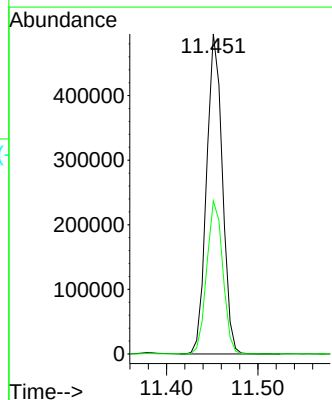
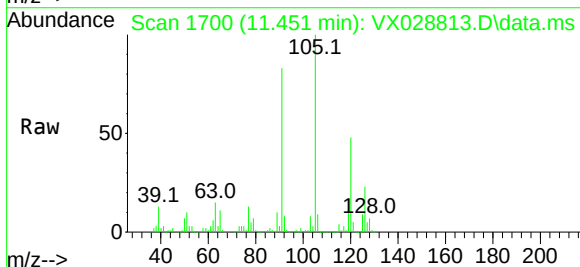
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

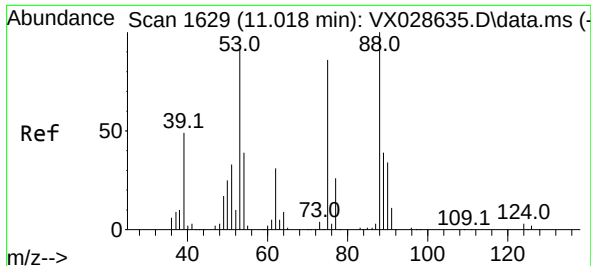
Tgt Ion: 91 Resp: 482241  
Ion Ratio Lower Upper  
91 100  
126 33.9 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 53.663 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 105 Resp: 592737  
Ion Ratio Lower Upper  
105 100  
120 48.5 24.3 72.9

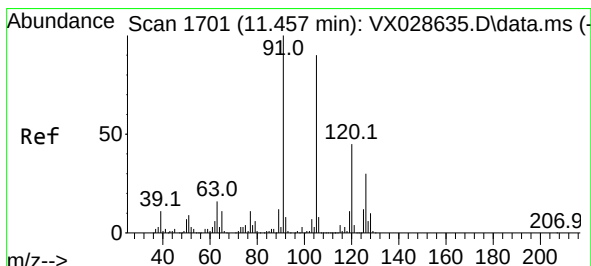
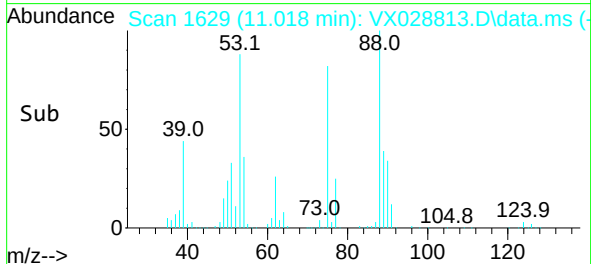
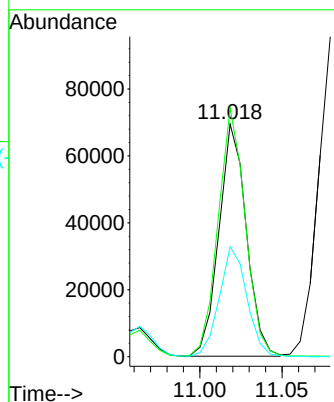
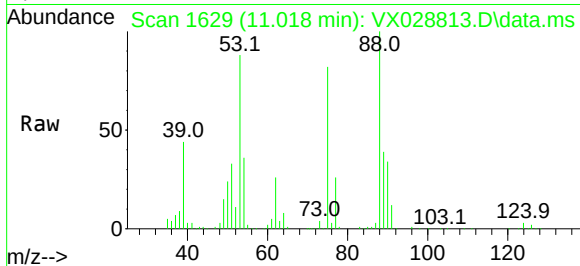




#81  
trans-1,4-Dichloro-2-butene  
Concen: 57.801 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

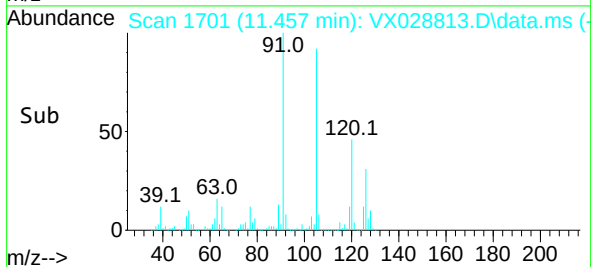
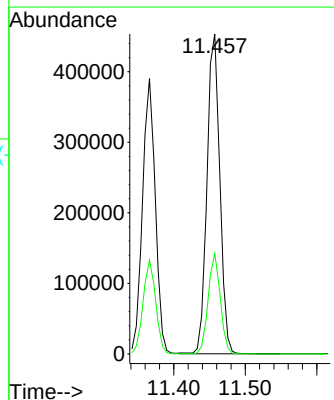
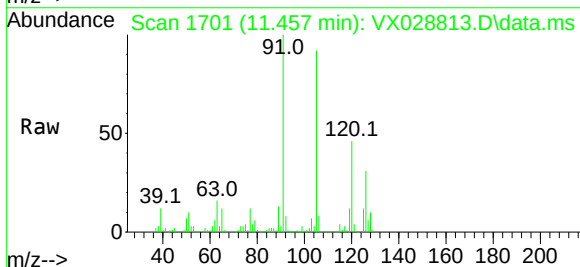
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

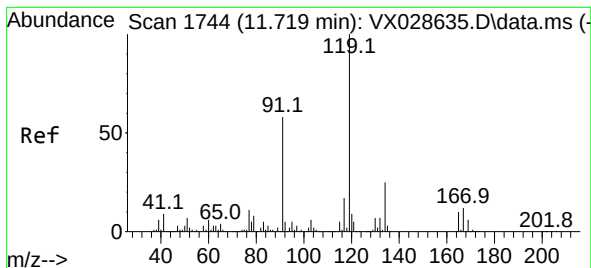
Tgt Ion: 75 Resp: 80214  
Ion Ratio Lower Upper  
75 100  
53 106.3 69.0 103.4#  
89 47.9 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 52.046 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 91 Resp: 565464  
Ion Ratio Lower Upper  
91 100  
126 29.8 14.9 44.5





#83

tert-Butylbenzene

Concen: 53.750 ug/l

RT: 11.713 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

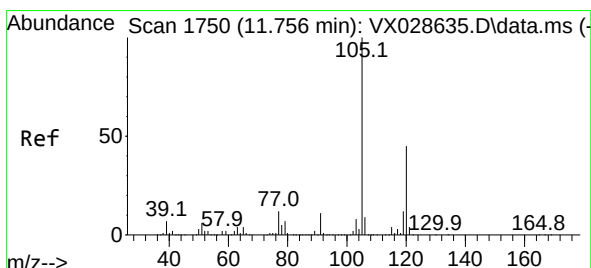
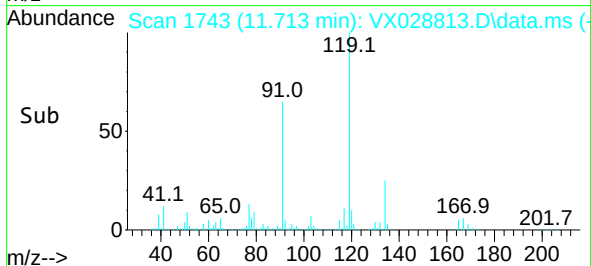
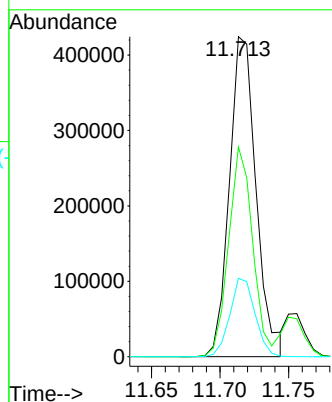
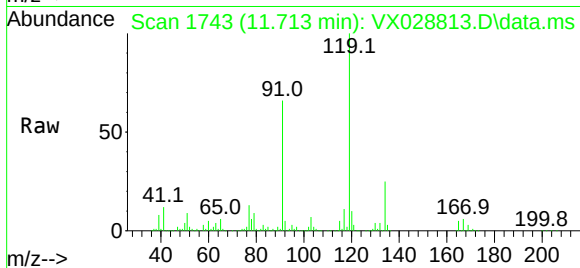
Tgt Ion:119 Resp: 574827

Ion Ratio Lower Upper

119 100

91 59.0 26.9 80.6

134 23.2 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 53.366 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX028813.D

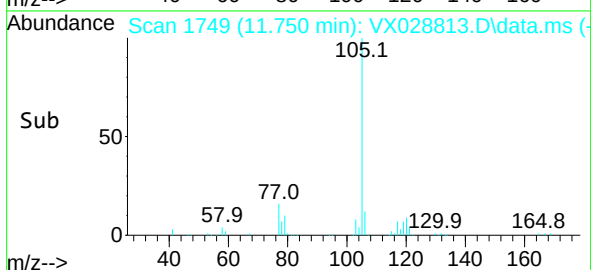
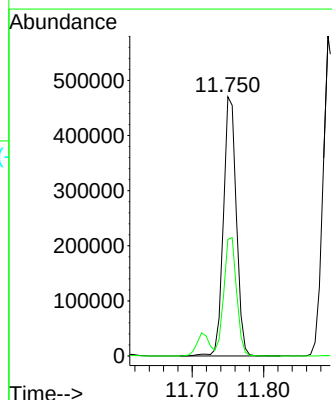
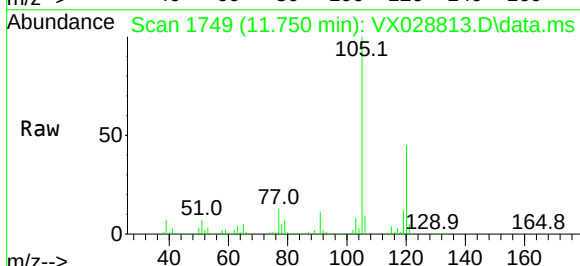
Acq: 19 May 2022 10:12

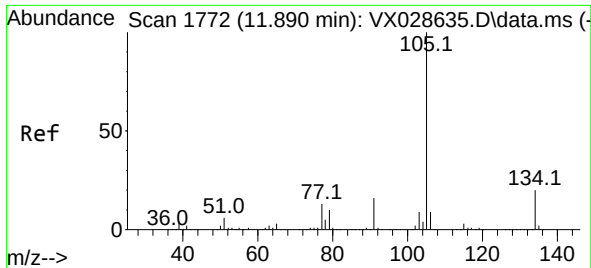
Tgt Ion:105 Resp: 591103

Ion Ratio Lower Upper

105 100

120 45.2 22.6 67.8

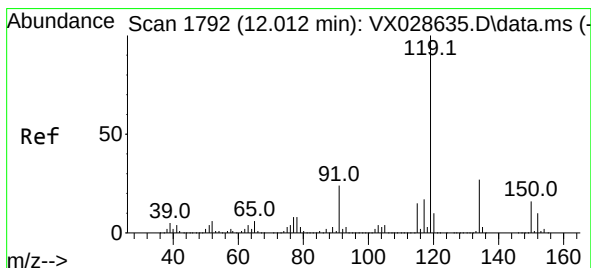
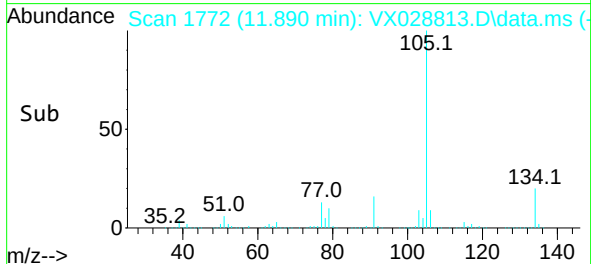
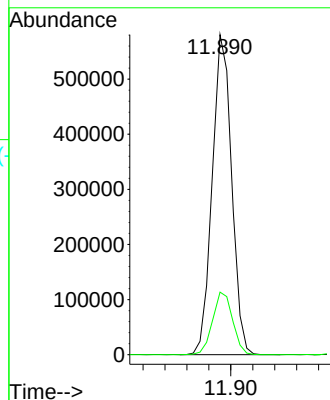
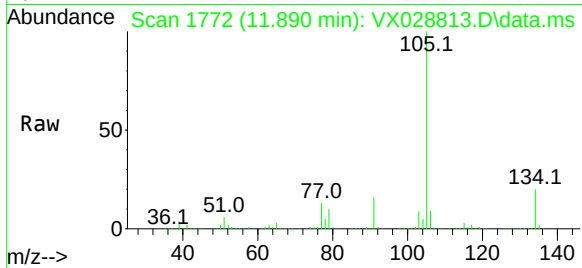




#85  
 sec-Butylbenzene  
 Concen: 54.116 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX028813.D  
 Acq: 19 May 2022 10:12

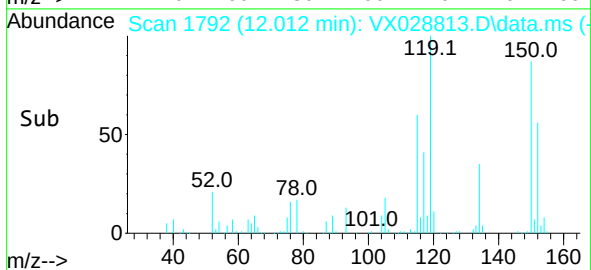
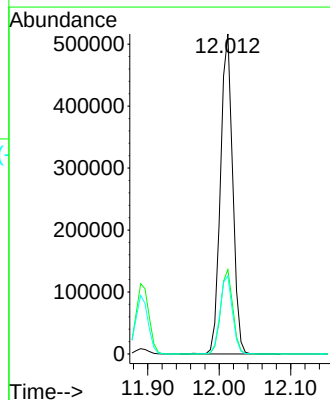
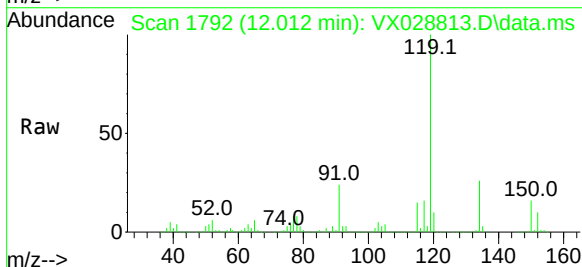
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

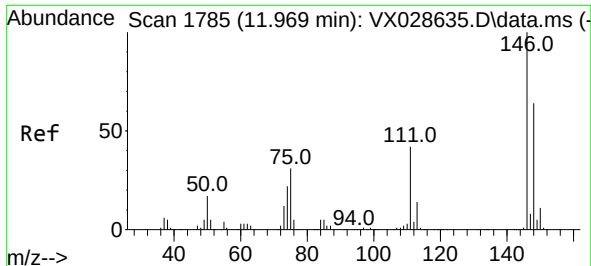
Tgt Ion:105 Resp: 713880  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 55.263 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX028813.D  
 Acq: 19 May 2022 10:12

Tgt Ion:119 Resp: 611736  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.0 39.0  
 91 24.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 52.094 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

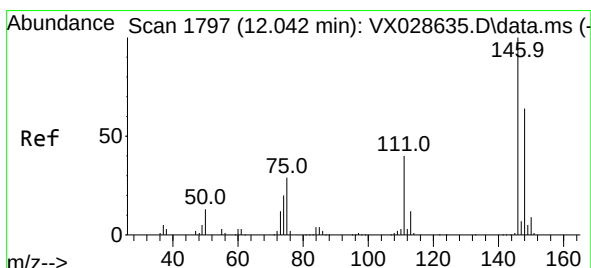
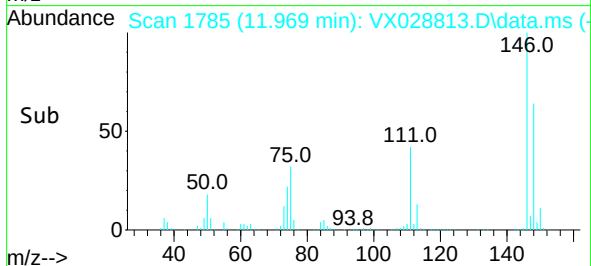
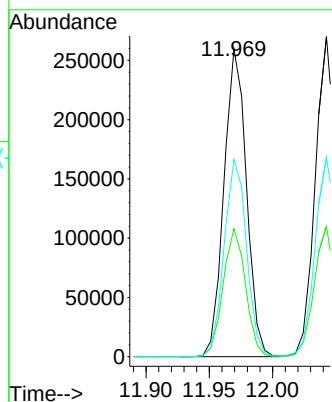
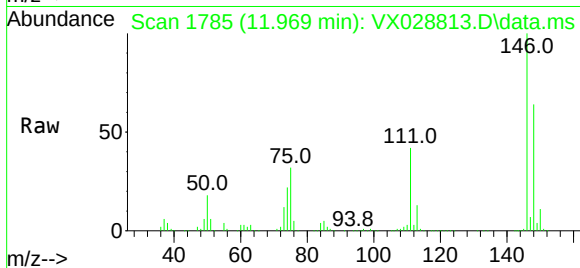
Tgt Ion:146 Resp: 320484

Ion Ratio Lower Upper

146 100

111 41.5 19.7 59.1

148 63.9 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 50.395 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

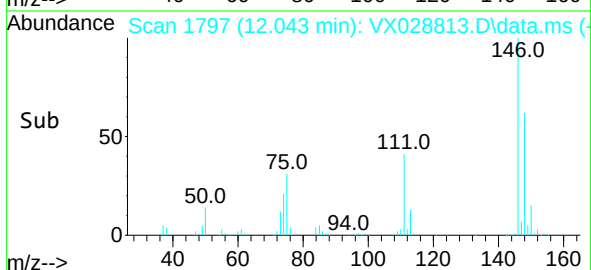
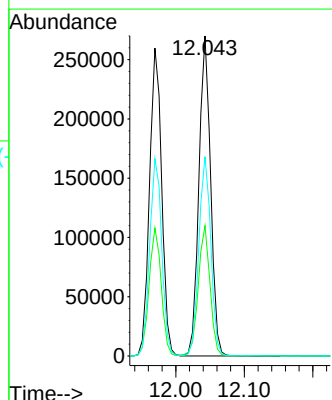
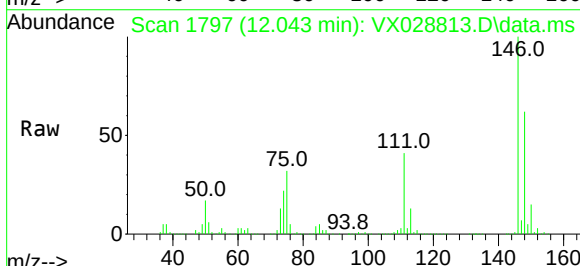
Tgt Ion:146 Resp: 321581

Ion Ratio Lower Upper

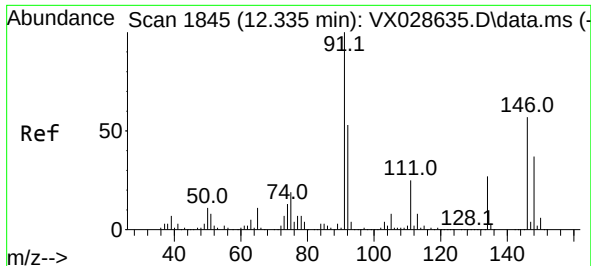
146 100

111 40.8 19.2 57.6

148 63.5 32.3 96.9







#89

n-Butylbenzene

Concen: 55.553 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

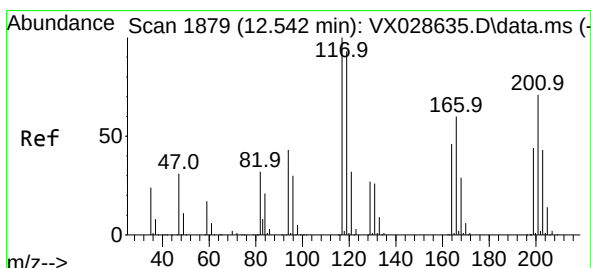
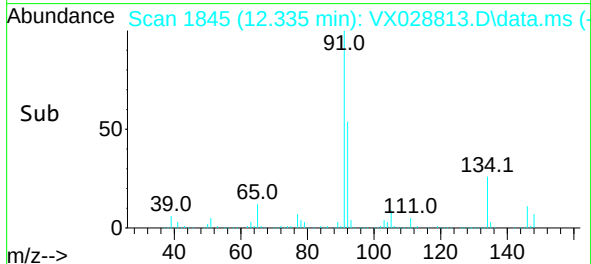
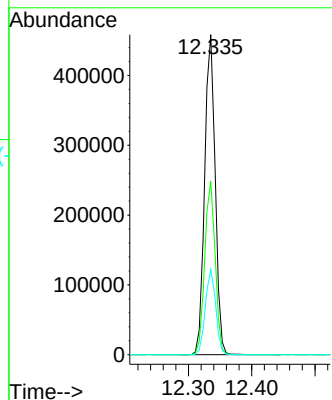
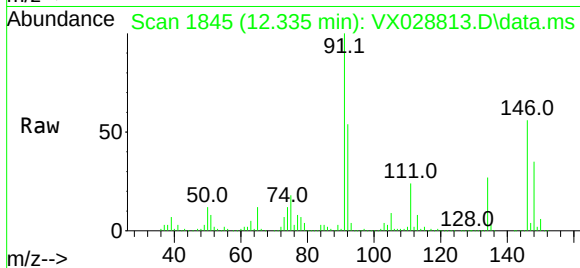
Tgt Ion: 91 Resp: 532807

Ion Ratio Lower Upper

91 100

92 53.9 27.8 83.3

134 26.3 13.3 39.8



#90

Hexachloroethane

Concen: 56.154 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX028813.D

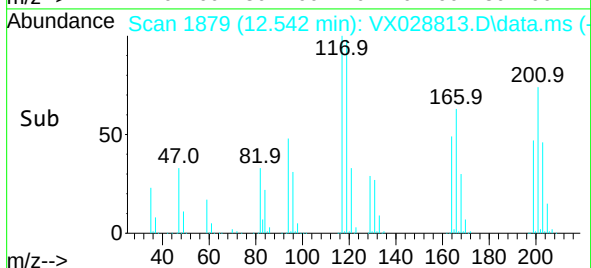
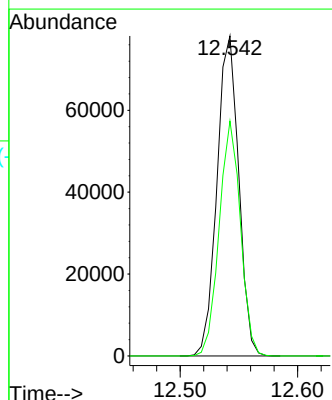
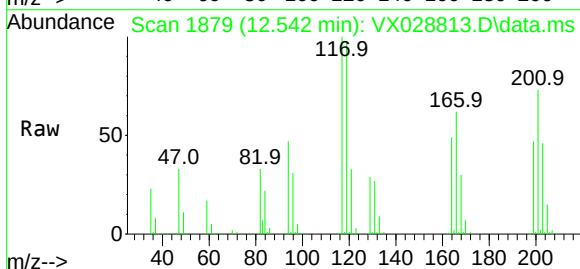
Acq: 19 May 2022 10:12

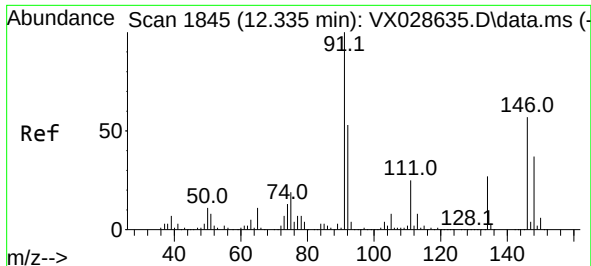
Tgt Ion: 117 Resp: 100520

Ion Ratio Lower Upper

117 100

201 71.8 39.5 118.5

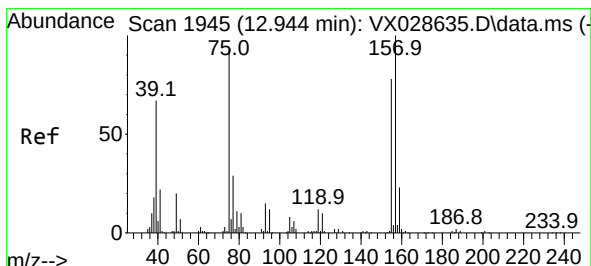
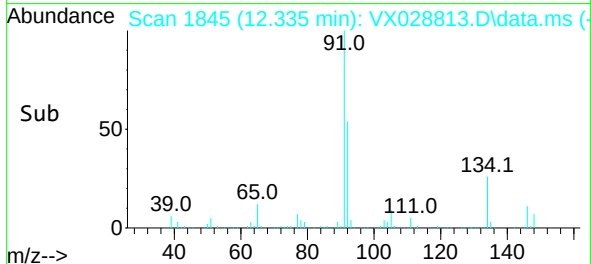
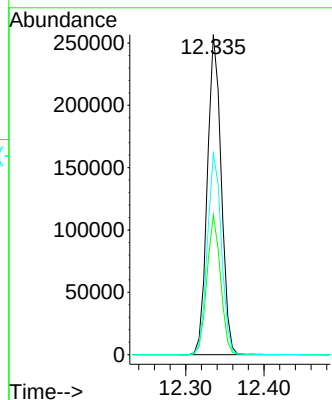
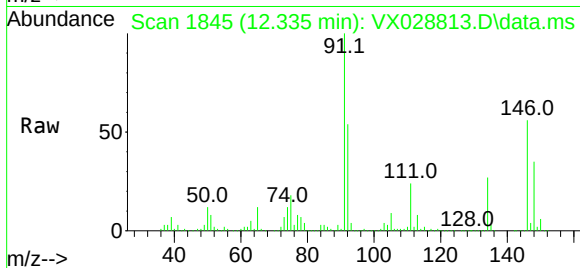




#91  
1,2-Dichlorobenzene  
Concen: 52.021 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

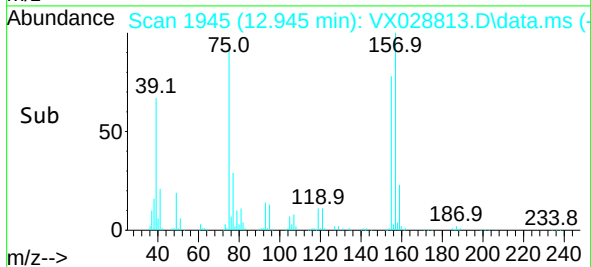
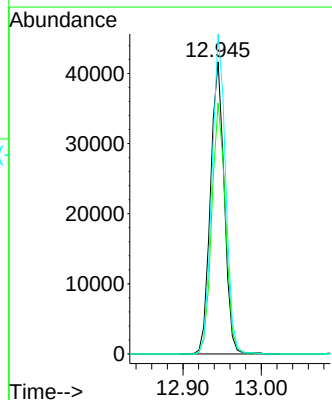
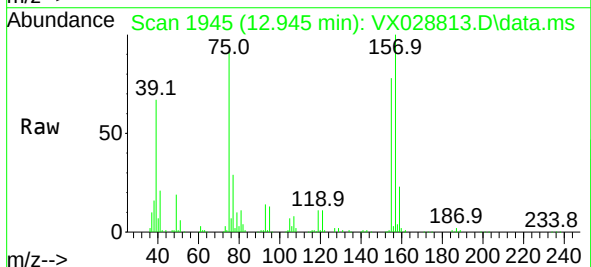
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

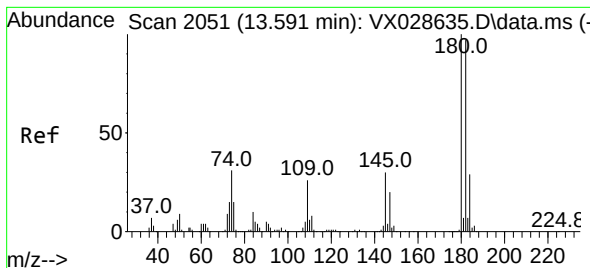
Tgt Ion:146 Resp: 314392  
Ion Ratio Lower Upper  
146 100  
111 42.7 21.0 63.0  
148 63.7 32.6 97.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 52.347 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.001 min  
Lab File: VX028813.D  
Acq: 19 May 2022 10:12

Tgt Ion: 75 Resp: 50831  
Ion Ratio Lower Upper  
75 100  
155 85.5 47.0 141.2  
157 108.3 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 53.058 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

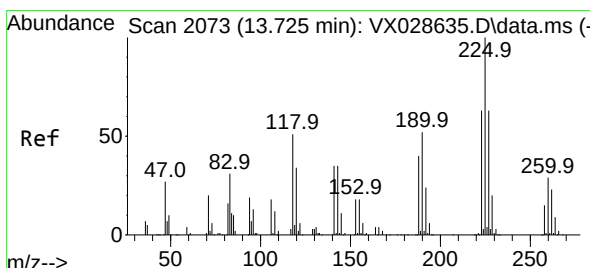
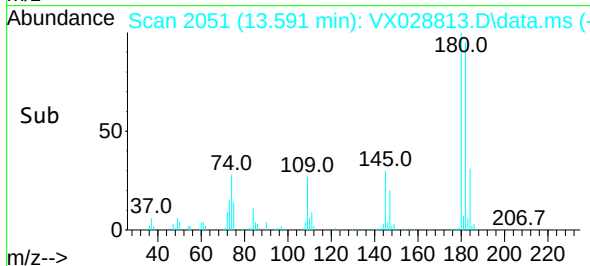
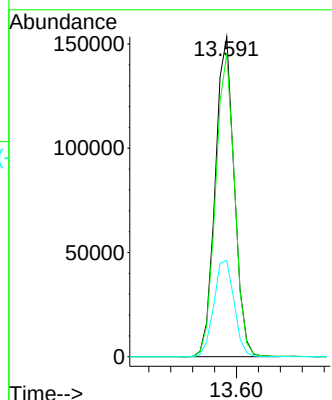
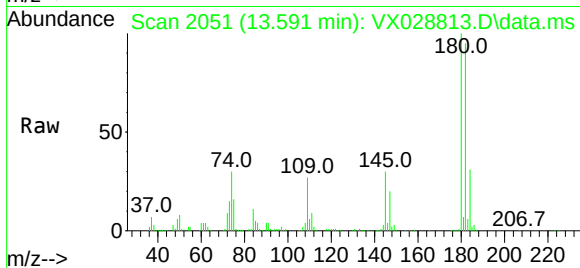
Tgt Ion:180 Resp: 185203

Ion Ratio Lower Upper

180 100

182 94.7 47.7 143.1

145 32.0 15.2 45.5



#94

Hexachlorobutadiene

Concen: 54.288 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

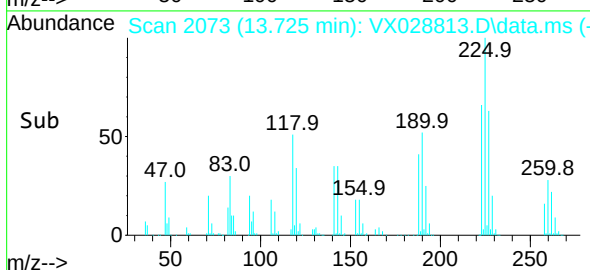
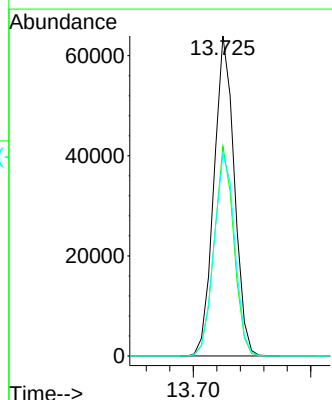
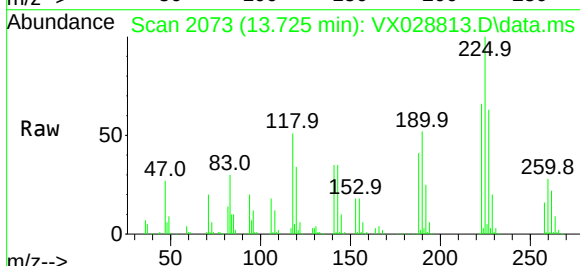
Tgt Ion:225 Resp: 76984

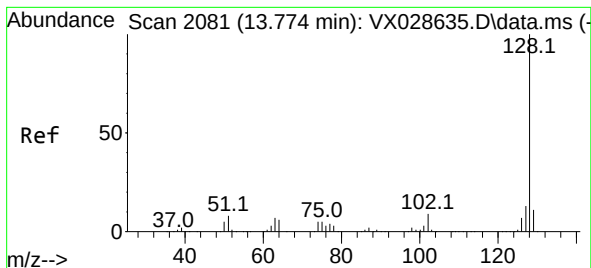
Ion Ratio Lower Upper

225 100

223 62.9 34.2 102.5

227 64.3 33.9 101.7





#95

Naphthalene

Concen: 53.256 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

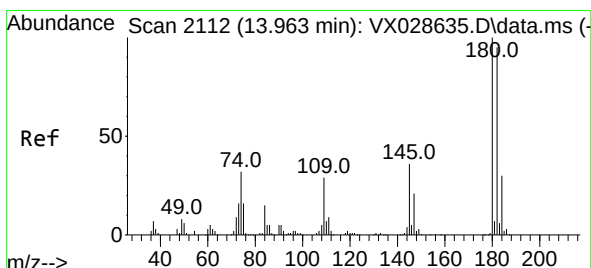
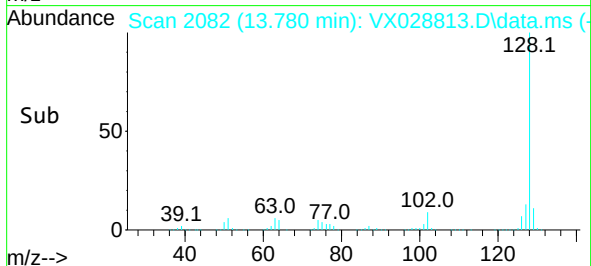
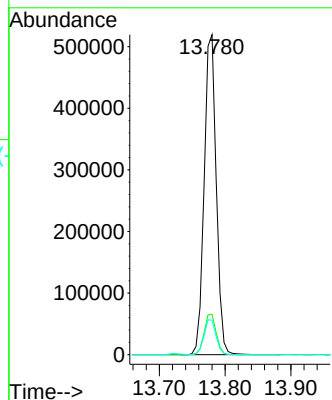
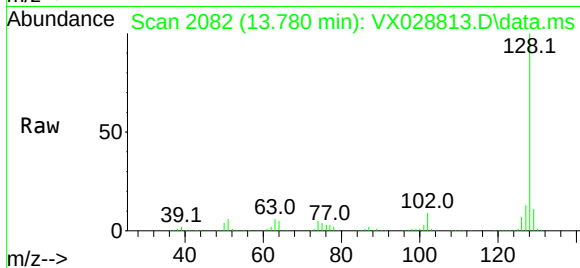
Tgt Ion:128 Resp: 661512

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.586 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX028813.D

Acq: 19 May 2022 10:12

Tgt Ion:180 Resp: 184359

Ion Ratio Lower Upper

180 100

182 96.7 50.0 149.8

145 34.1 16.2 48.5

