

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031921\  
 Data File : VX021284.D  
 Acq On : 18 Mar 2021 17:44  
 Operator : JC/MD  
 Sample : VX0319WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 19 02:52:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X031221W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Mar 12 12:55:27 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 4.987  | 128   | 15689    | 30.00    | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.829  | 114   | 87076    | 30.00    | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.094 | 117   | 79074    | 30.00    | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 6.034  | 65    | 43562    | 30.17    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 100.57%  |
| 60) 4-Bromofluorobenzene     | 11.117 | 95    | 42393    | 29.32    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 97.73%   |
| 63) Toluene-d8               | 8.694  | 98    | 109610   | 30.55    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 101.83%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.187  | 85    | 19603    | 19.03    | ug/l   | 96       |
| 3) Chloromethane             | 1.316  | 50    | 27196    | 25.38    | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.393  | 62    | 19642    | 18.34    | ug/l   | 97       |
| 5) Bromomethane              | 1.628  | 94    | 10687    | 16.81    | ug/l   | 96       |
| 6) Chloroethane              | 1.710  | 64    | 12531    | 18.95    | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 1.916  | 101   | 31501    | 18.86    | ug/l   | 97       |
| 8) Diethyl Ether             | 2.169  | 74    | 10837    | 19.26    | ug/l   | 77       |
| 9) 1,1,2-Trichlorotrifluo... | 2.363  | 101   | 17555    | 19.52    | ug/l   | 97       |
| 10) 1,1-Dichloroethene       | 2.352  | 96    | 16472    | 18.94    | ug/l   | 84       |
| 11) Methyl Iodide            | 2.493  | 142   | 13627    | 11.84    | ug/l   | 87       |
| 12) Methyl Acetate           | 2.752  | 43    | 32165    | 21.91    | ug/l # | 87       |
| 13) Acrolein                 | 2.275  | 56    | 21658    | 116.53   | ug/l   | 97       |
| 14) Acrylonitrile            | 3.116  | 53    | 58036    | 105.17   | ug/l   | 98       |
| 15) Acetone                  | 2.422  | 58    | 14868    | 100.62   | ug/l # | 61       |
| 16) Carbon Disulfide         | 2.552  | 76    | 46755    | 18.31    | ug/l   | 100      |
| 17) Allyl chloride           | 2.711  | 41    | 35300    | 19.11    | ug/l   | 89       |
| 18) Methylene Chloride       | 2.834  | 84    | 20596    | 19.51    | ug/l # | 89       |
| 19) trans-1,2-Dichloroethene | 3.140  | 96    | 18926    | 19.61    | ug/l   | 90       |
| 20) Diisopropyl ether        | 3.828  | 45    | 68707    | 19.10    | ug/l   | 95       |
| 21) 1,1-Dichloroethane       | 3.669  | 63    | 37015    | 19.30    | ug/l   | 96       |
| 22) cis-1,2-Dichloroethene   | 4.564  | 96    | 21756    | 19.39    | ug/l   | 87       |
| 23) tert-Butyl Alcohol       | 3.016  | 59    | 24128    | 98.43    | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.169  | 73    | 66412    | 20.00    | ug/l # | 85       |
| 25) Chloroform               | 5.176  | 83    | 38850    | 19.44    | ug/l   | 99       |
| 26) Cyclohexane              | 5.552  | 56    | 32497    | 19.08    | ug/l # | 88       |
| 29) 1,1-Dichloropropene      | 5.770  | 75    | 27800    | 19.15    | ug/l   | 97       |
| 30) 2-Butanone               | 4.634  | 43    | 83915    | 103.44   | ug/l   | 92       |
| 31) 2,2-Dichloropropane      | 4.552  | 77    | 31363    | 19.24    | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.464  | 97    | 34466    | 19.47    | ug/l   | 96       |
| 33) Carbon Tetrachloride     | 5.752  | 117   | 30505    | 19.64    | ug/l   | 92       |
| 34) Benzene                  | 6.111  | 78    | 80425    | 19.34    | ug/l # | 94       |
| 35) Methacrylonitrile        | 4.999  | 41    | 18507    | 20.07    | ug/l   | 91       |
| 36) 1,2-Dichloroethane       | 6.164  | 62    | 35293    | 19.66    | ug/l # | 87       |
| 37) Trichloroethene          | 7.188  | 130   | 20450    | 18.76    | ug/l   | 95       |
| 38) Methylcyclohexane        | 7.441  | 83    | 32183    | 19.62    | ug/l   | 92       |
| 39) 1,2-Dichloropropane      | 7.488  | 63    | 21400    | 18.97    | ug/l   | 95       |
| 40) Dibromomethane           | 7.641  | 93    | 15944    | 19.96    | ug/l   | 89       |
| 41) Bromodichloromethane     | 7.876  | 83    | 31887    | 19.09    | ug/l   | 100      |
| 42) Vinyl Acetate            | 3.787  | 43    | 300217   | 97.81    | ug/l # | 92       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031921\  
 Data File : VX021284.D  
 Acq On : 18 Mar 2021 17:44  
 Operator : JC/MD  
 Sample : VX0319WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

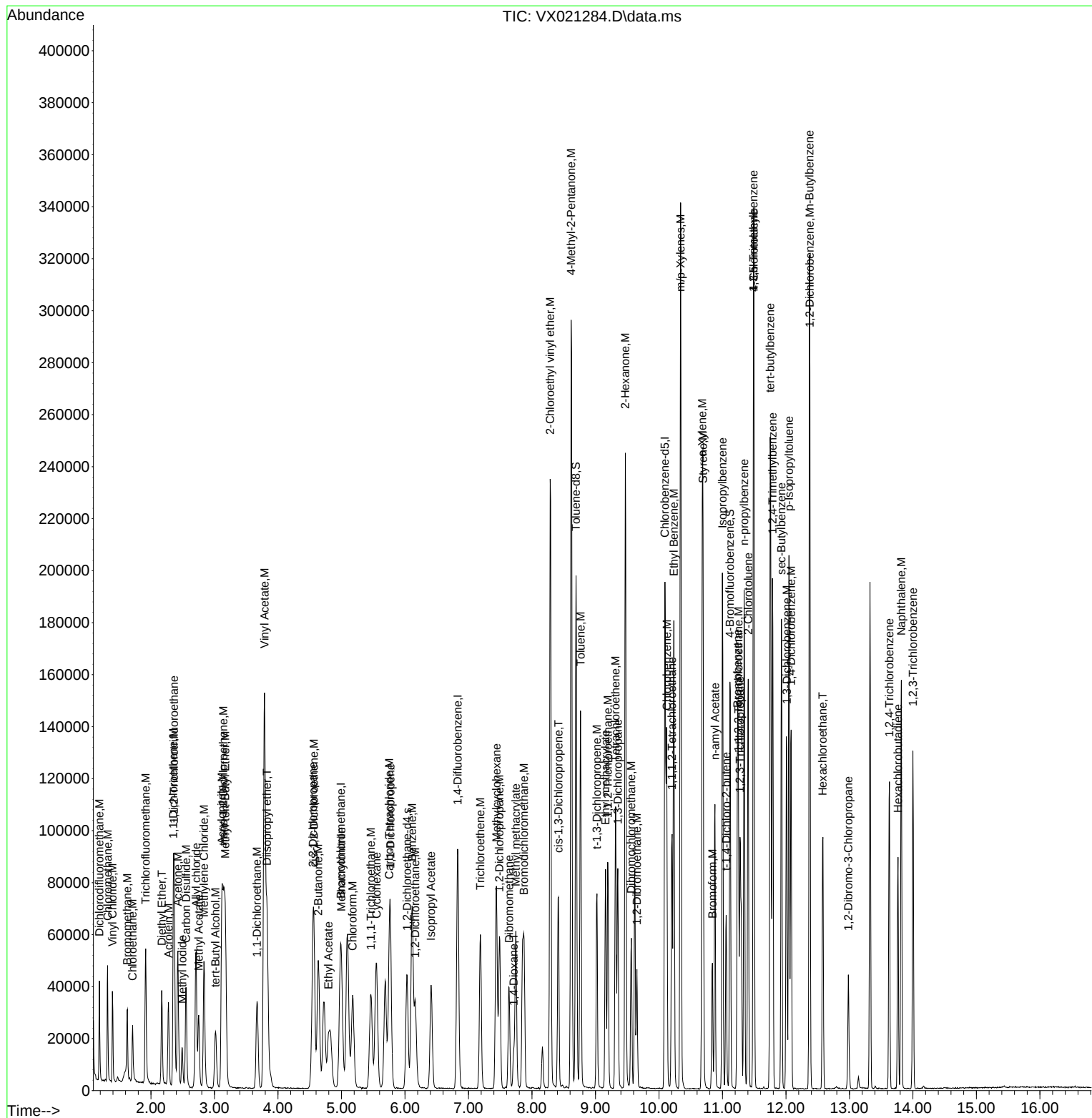
Instrument :  
 MSVOA\_X  
 ClientSampleId :

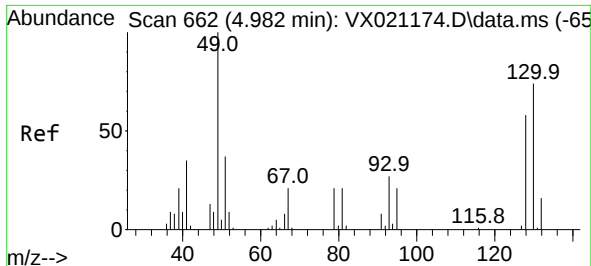
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X031221W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Mar 12 12:55:27 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 43) Ethyl Acetate             | 4.793  | 43   | 33218    | 20.52  | ug/l   | 98       |
| 44) Isopropyl Acetate         | 6.411  | 43   | 53453    | 19.84  | ug/l   | 91       |
| 45) 1,4-Dioxane               | 7.711  | 88   | 10240    | 407.50 | ug/l # | 89       |
| 46) Methyl methacrylate       | 7.746  | 41   | 28952    | 20.03  | ug/l   | 86       |
| 47) n-amyl Acetate            | 10.882 | 43   | 45789    | 19.46  | ug/l   | 92       |
| 48) t-1,3-Dichloropropene     | 9.023  | 75   | 32280    | 18.80  | ug/l   | 98       |
| 49) cis-1,3-Dichloropropene   | 8.417  | 75   | 34503    | 18.87  | ug/l # | 82       |
| 50) 1,1,2-Trichloroethane     | 9.194  | 97   | 20540    | 19.23  | ug/l   | 94       |
| 51) Ethyl methacrylate        | 9.158  | 69   | 32797    | 19.37  | ug/l # | 78       |
| 52) 1,3-Dichloropropane       | 9.353  | 76   | 36044    | 19.40  | ug/l   | 99       |
| 53) Dibromochloromethane      | 9.564  | 129  | 23265    | 18.85  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 9.653  | 107  | 22089    | 19.56  | ug/l   | 97       |
| 55) 2-Chloroethyl vinyl ether | 8.288  | 63   | 88292    | 99.16  | ug/l   | 96       |
| 56) Bromoform                 | 10.841 | 173  | 16232    | 18.62  | ug/l   | 98       |
| 58) 4-Methyl-2-Pentanone      | 8.617  | 43   | 172052   | 107.46 | ug/l # | 89       |
| 59) 2-Hexanone                | 9.470  | 43   | 129107   | 107.01 | ug/l   | 87       |
| 61) Tetrachloroethene         | 9.317  | 164  | 18452    | 18.01  | ug/l   | 99       |
| 62) Toluene                   | 8.764  | 91   | 86887    | 19.82  | ug/l   | 99       |
| 64) Chlorobenzene             | 10.123 | 112  | 53380    | 19.71  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 10.206 | 131  | 20748    | 20.17  | ug/l   | 98       |
| 66) Ethyl Benzene             | 10.235 | 91   | 98807    | 19.60  | ug/l   | 100      |
| 67) m/p-Xylenes               | 10.341 | 106  | 70906    | 39.07  | ug/l   | 95       |
| 68) o-Xylene                  | 10.682 | 106  | 34429    | 19.60  | ug/l   | 92       |
| 69) Styrene                   | 10.694 | 104  | 58505    | 19.63  | ug/l   | 94       |
| 70) Isopropylbenzene          | 11.000 | 105  | 95733    | 19.93  | ug/l   | 98       |
| 71) 1,1,2,2-Tetrachloroethane | 11.253 | 83   | 32448    | 21.30  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 11.276 | 75   | 38511    | 24.83  | ug/l   | 92       |
| 73) Bromobenzene              | 11.235 | 156  | 22420    | 19.69  | ug/l   | 90       |
| 74) n-propylbenzene           | 11.341 | 91   | 111615   | 19.56  | ug/l   | 98       |
| 75) 2-Chlorotoluene           | 11.406 | 91   | 66341    | 19.31  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 11.488 | 105  | 81183    | 19.87  | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene   | 11.059 | 75   | 9940     | 19.51  | ug/l   | 83       |
| 78) 4-Chlorotoluene           | 11.494 | 91   | 78366    | 19.59  | ug/l   | 98       |
| 79) tert-butylbenzene         | 11.753 | 119  | 75421    | 19.92  | ug/l   | 93       |
| 80) 1,2,4-Trimethylbenzene    | 11.788 | 105  | 80145    | 19.53  | ug/l   | 98       |
| 81) sec-Butylbenzene          | 11.929 | 105  | 89603    | 19.65  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 12.047 | 119  | 83027    | 20.04  | ug/l   | 95       |
| 83) 1,3-Dichlorobenzene       | 12.012 | 146  | 39999    | 19.63  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 12.082 | 146  | 39939    | 19.54  | ug/l   | 97       |
| 85) n-Butylbenzene            | 12.371 | 91   | 74993    | 19.53  | ug/l   | 96       |
| 86) Hexachloroethane          | 12.576 | 117  | 14239    | 18.62  | ug/l   | 92       |
| 87) 1,2-Dichlorobenzene       | 12.376 | 146  | 40198    | 20.13  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.982 | 75   | 8460     | 22.31  | ug/l # | 77       |
| 89) 1,2,4-Trichlorobenzene    | 13.630 | 180  | 25566    | 20.34  | ug/l   | 95       |
| 90) Hexachlorobutadiene       | 13.765 | 225  | 11158    | 20.39  | ug/l   | 98       |
| 91) Naphthalene               | 13.818 | 128  | 91035    | 22.41  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 14.000 | 180  | 27174    | 22.22  | ug/l   | 95       |

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

Quant Time: Mar 19 02:52:05 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X031221W.M  
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QLast Update : Fri Mar 12 12:55:27 2021  
Response via : Initial Calibration

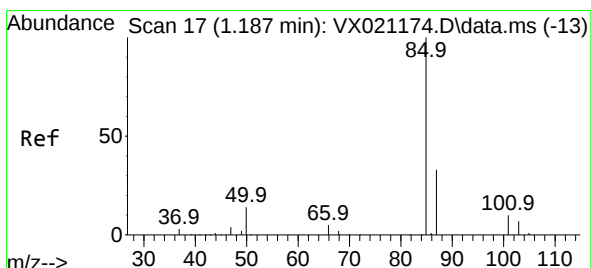
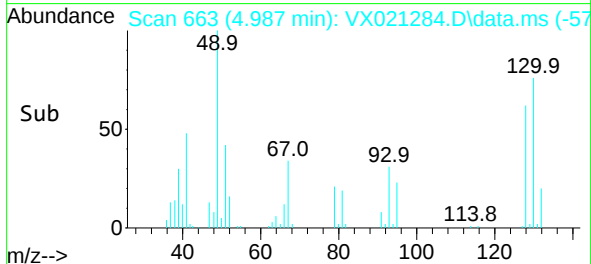
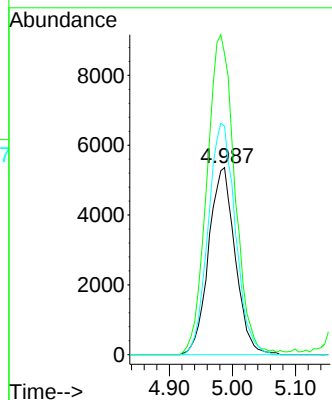
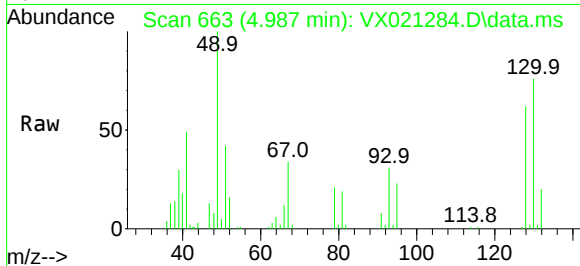




#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 4.987 min Scan# 663  
Delta R.T. 0.005 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

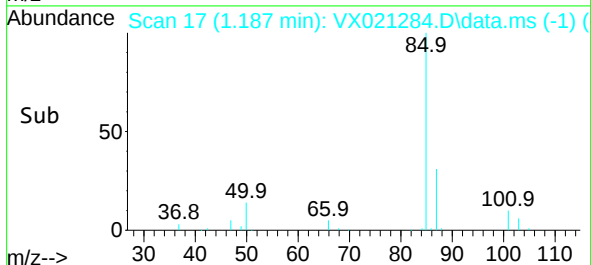
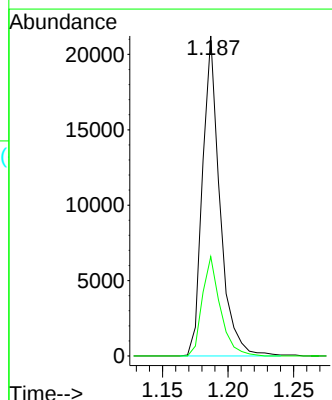
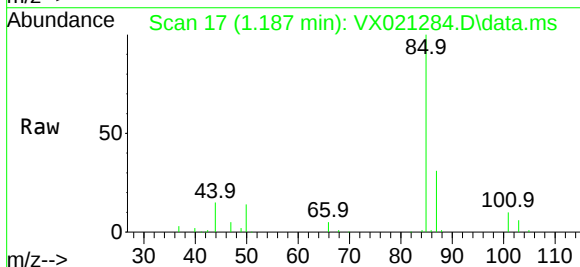
Instrument :  
MSVOA\_X  
ClientSampled :

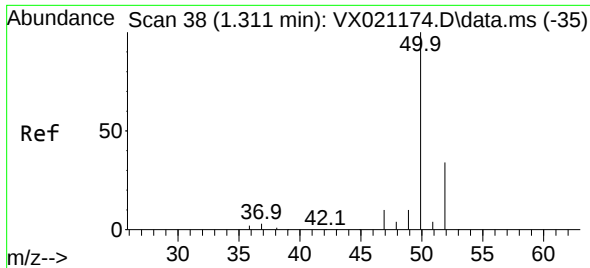
Tgt Ion:128 Resp: 15689  
Ion Ratio Lower Upper  
128 100  
49 178.8 0.0 367.5  
130 126.4 0.0 318.8



#2  
Dichlorodifluoromethane  
Concen: 19.03 ug/l  
RT: 1.187 min Scan# 17  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 85 Resp: 19603  
Ion Ratio Lower Upper  
85 100  
87 31.1 16.8 50.4

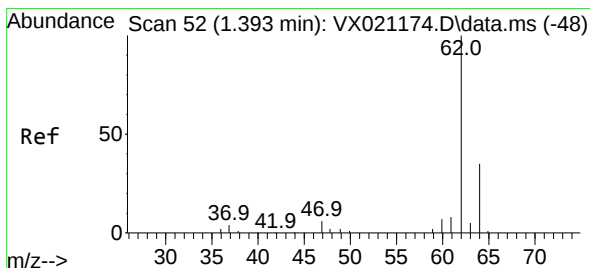
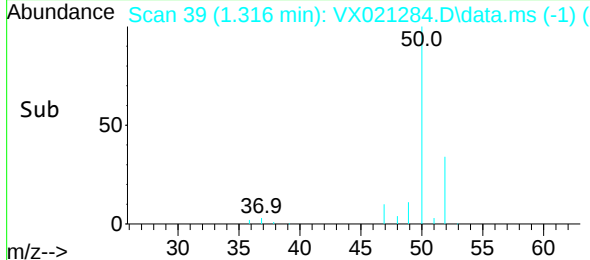
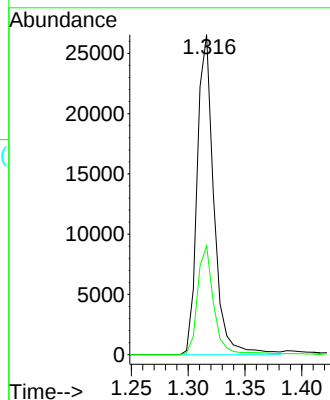
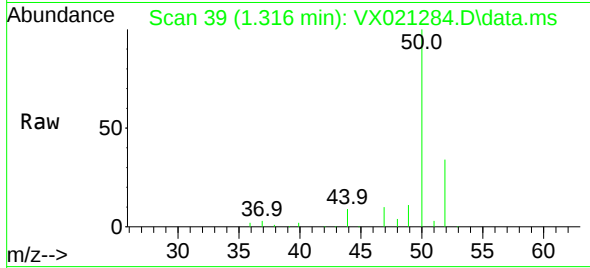




#3  
Chloromethane  
Concen: 25.38 ug/l  
RT: 1.316 min Scan# 39  
Delta R.T. 0.005 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

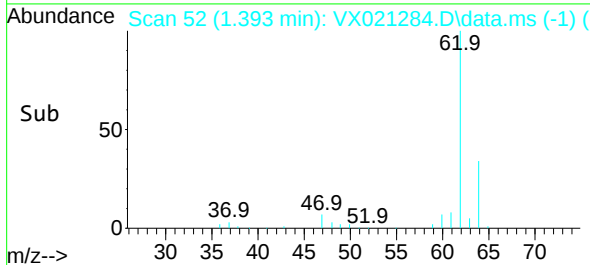
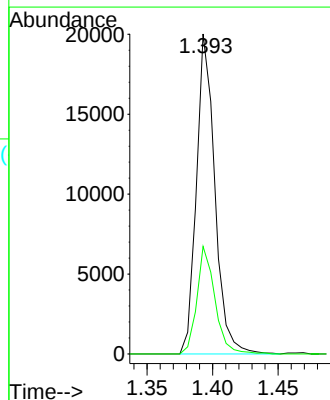
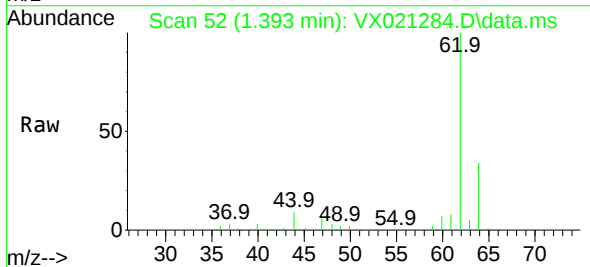
Instrument :  
MSVOA\_X  
ClientSampled :

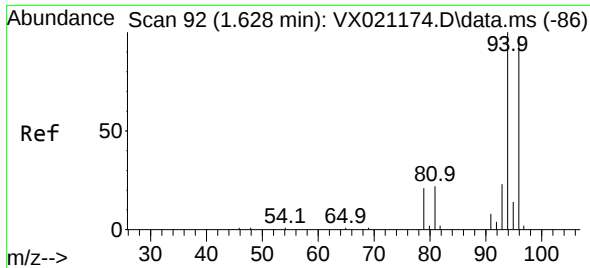
Tgt Ion: 50 Resp: 27196  
Ion Ratio Lower Upper  
50 100  
52 34.1 26.9 40.3



#4  
Vinyl Chloride  
Concen: 18.34 ug/l  
RT: 1.393 min Scan# 52  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 62 Resp: 19642  
Ion Ratio Lower Upper  
62 100  
64 33.6 25.4 38.2

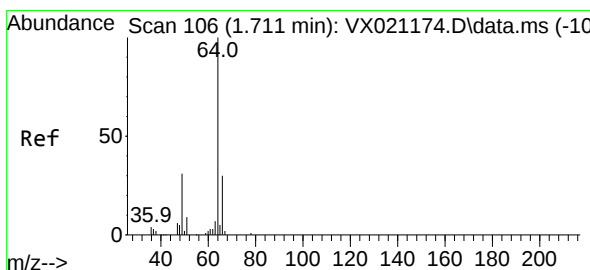
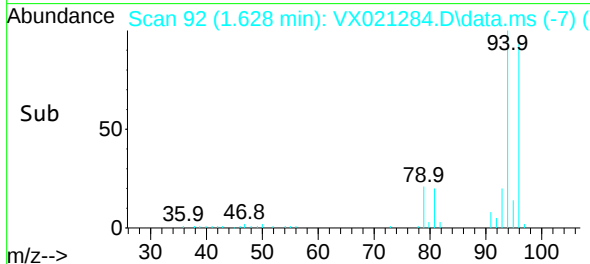
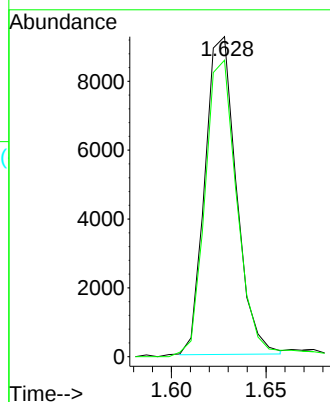
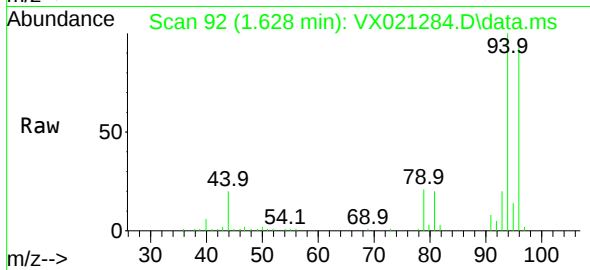




#5  
Bromomethane  
Concen: 16.81 ug/l  
RT: 1.628 min Scan# 92  
Delta R.T. 0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

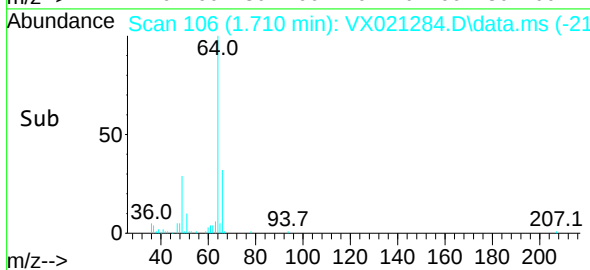
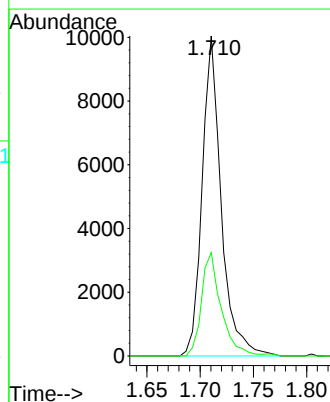
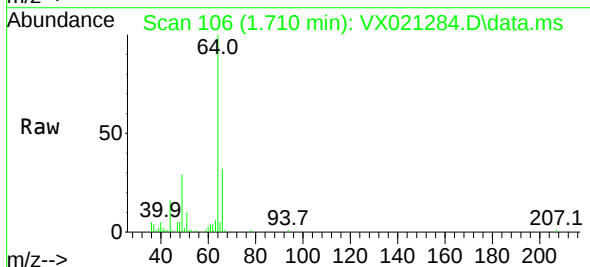
Instrument :  
MSVOA\_X  
ClientSampled :

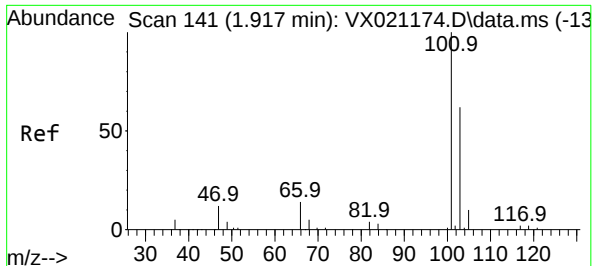
Tgt Ion: 94 Resp: 10687  
Ion Ratio Lower Upper  
94 100  
96 92.1 76.6 114.8



#6  
Chloroethane  
Concen: 18.95 ug/l  
RT: 1.710 min Scan# 106  
Delta R.T. -0.001 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 64 Resp: 12531  
Ion Ratio Lower Upper  
64 100  
66 32.3 27.4 41.2

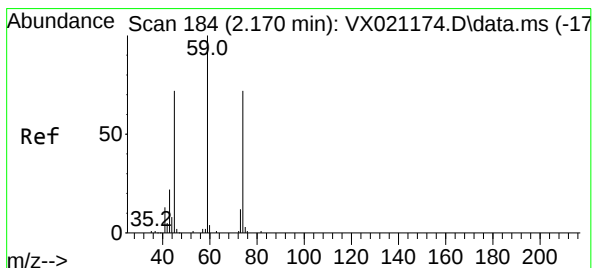
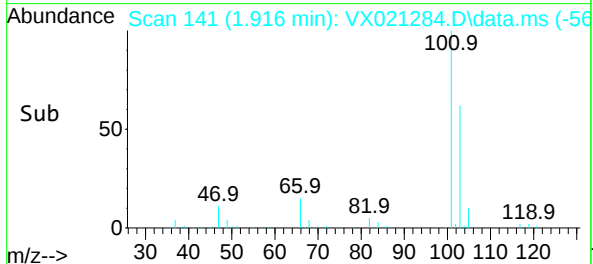
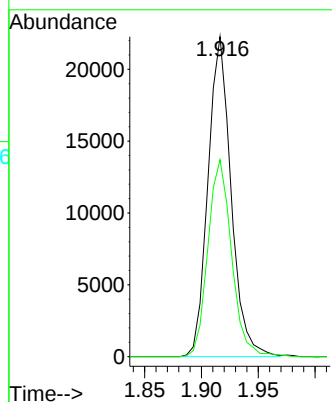
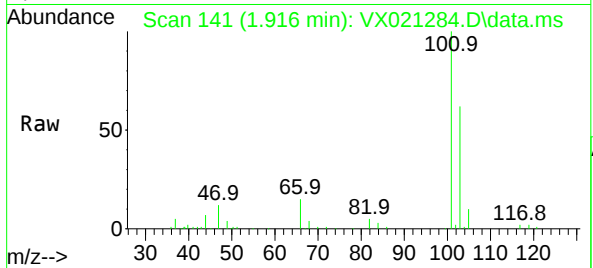




#7  
Trichlorofluoromethane  
Concen: 18.86 ug/l  
RT: 1.916 min Scan# 141  
Delta R.T. -0.001 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

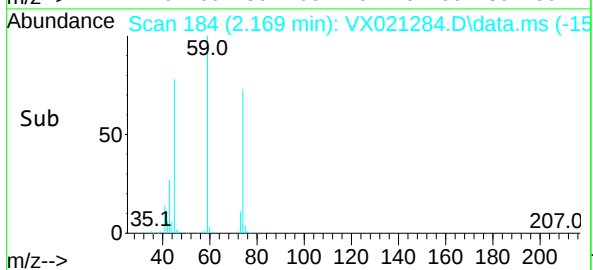
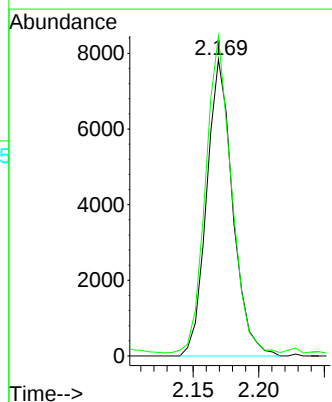
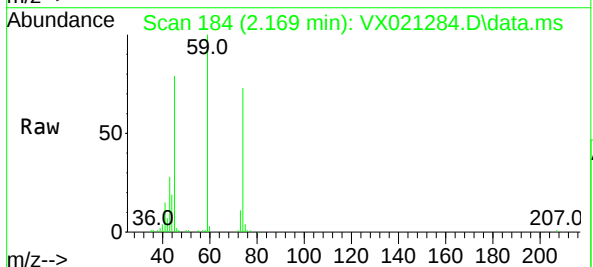
Instrument :  
MSVOA\_X  
ClientSampleId :

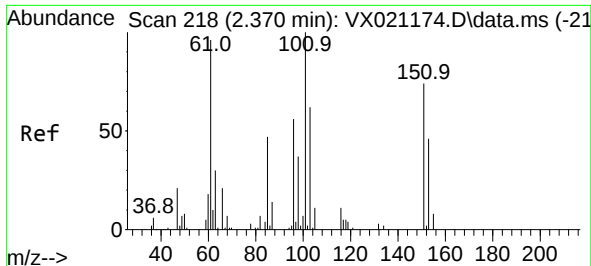
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Ion Ratio Lower Upper  
101 100  
103 61.6 51.4 77.2



#8  
Diethyl Ether  
Concen: 19.26 ug/l  
RT: 2.169 min Scan# 184  
Delta R.T. -0.001 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 74 Resp: 10837  
Ion Ratio Lower Upper  
74 100  
45 107.8 17.3 155.7

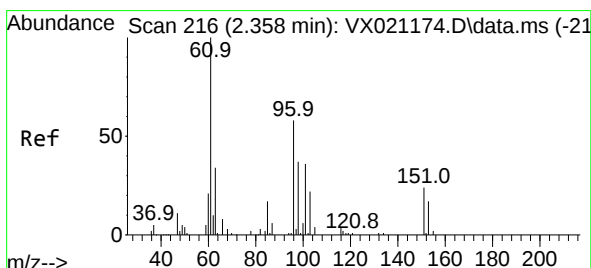
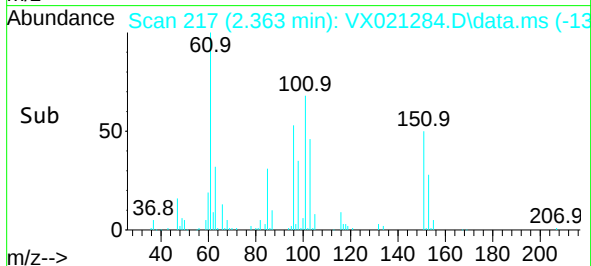
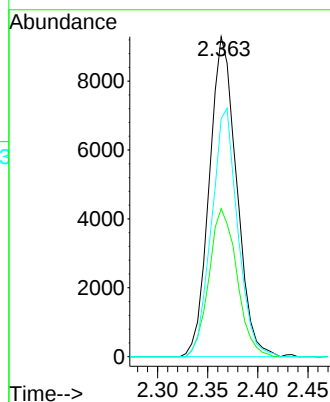
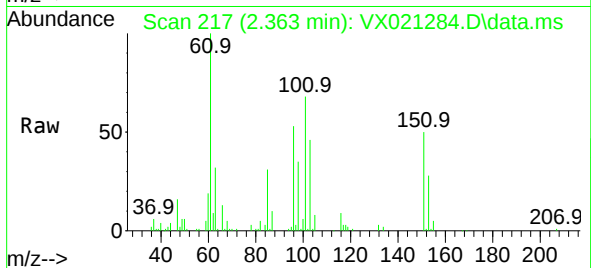




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.52 ug/l  
RT: 2.363 min Scan# 217  
Delta R.T. -0.007 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

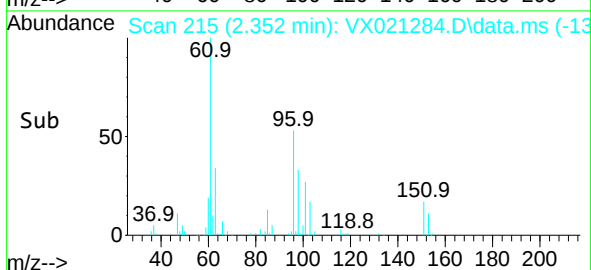
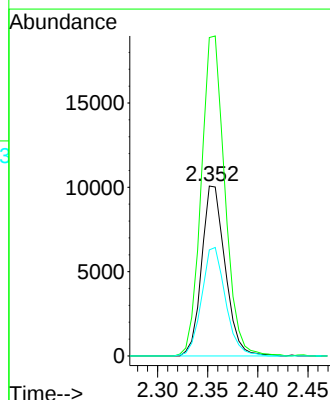
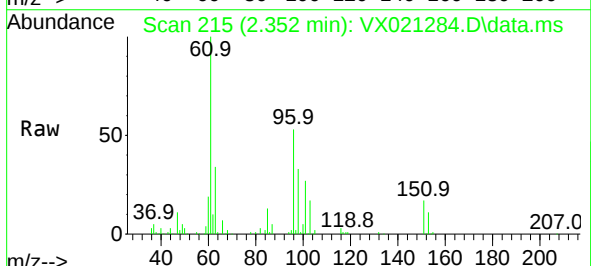
Instrument :  
MSVOA\_X  
ClientSampled :

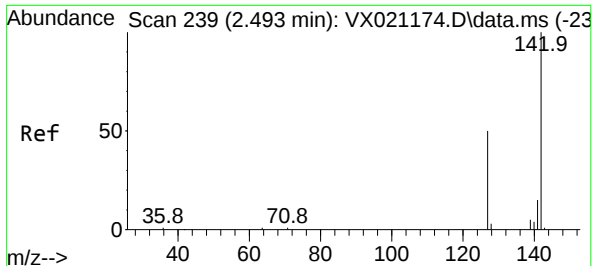
Tgt Ion:101 Resp: 17555  
Ion Ratio Lower Upper  
101 100  
85 47.3 0.0 88.0  
151 74.4 0.0 151.8



#10  
1,1-Dichloroethene  
Concen: 18.94 ug/l  
RT: 2.352 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 96 Resp: 16472  
Ion Ratio Lower Upper  
96 100  
61 186.6 126.1 189.1  
98 62.4 51.3 76.9

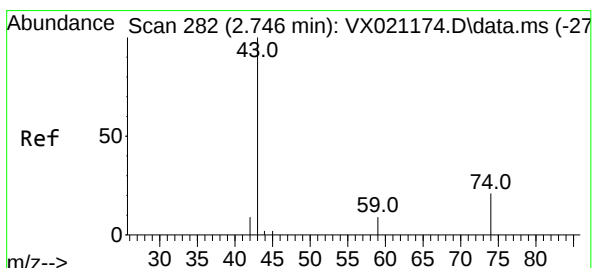
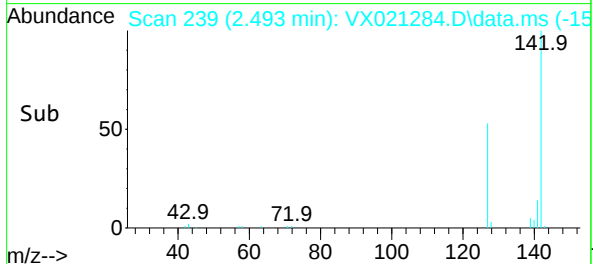
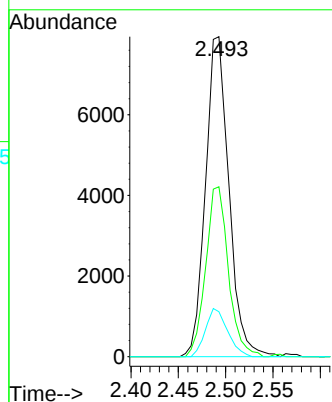
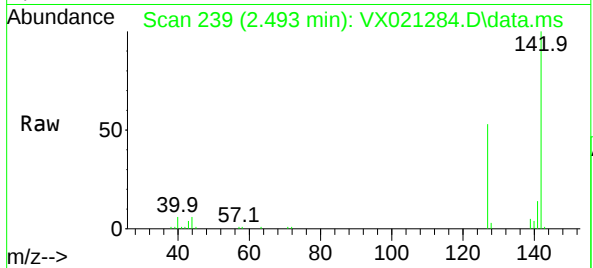




#11  
Methyl Iodide  
Concen: 11.84 ug/l  
RT: 2.493 min Scan# 239  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

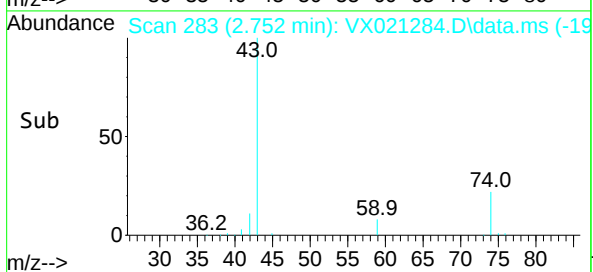
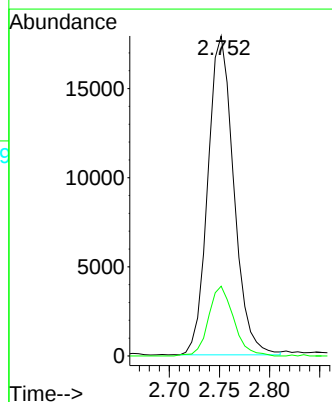
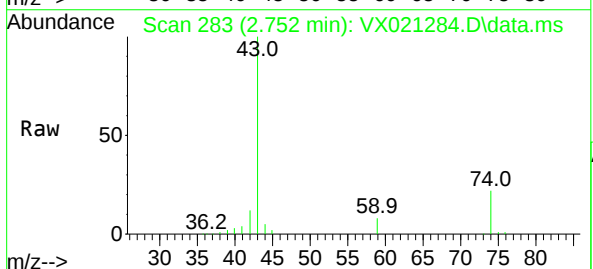
Instrument :  
MSVOA\_X  
ClientSampled :

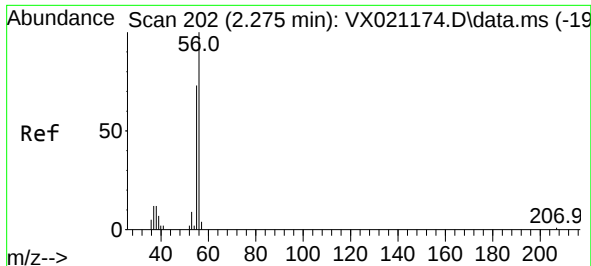
Tgt Ion:142 Resp: 13627  
Ion Ratio Lower Upper  
142 100  
127 52.7 21.4 64.2  
141 14.0 6.5 19.4



#12  
Methyl Acetate  
Concen: 21.91 ug/l  
RT: 2.752 min Scan# 283  
Delta R.T. 0.006 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 43 Resp: 32165  
Ion Ratio Lower Upper  
43 100  
74 21.8 22.8 34.2#

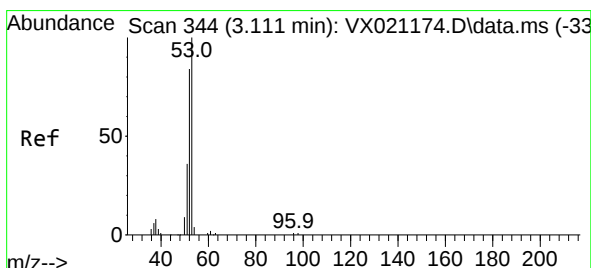
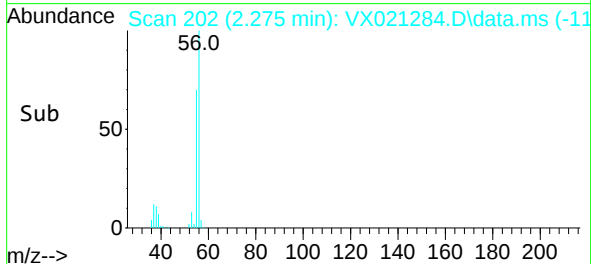
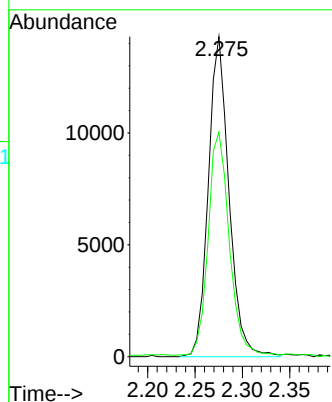
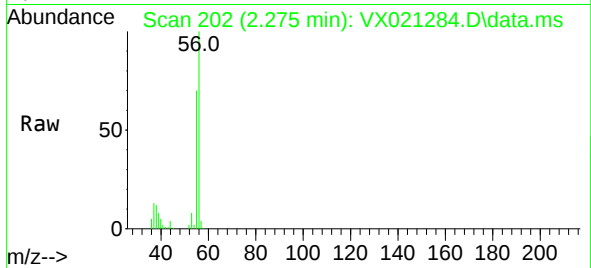




#13  
Acrolein  
Concen: 116.53 ug/l  
RT: 2.275 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

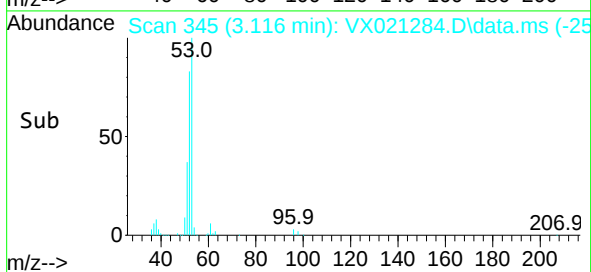
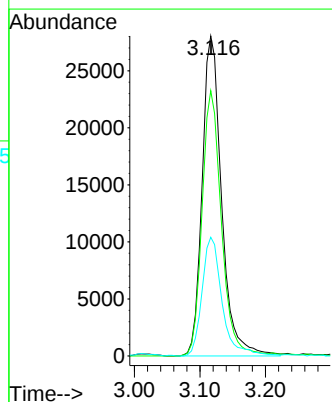
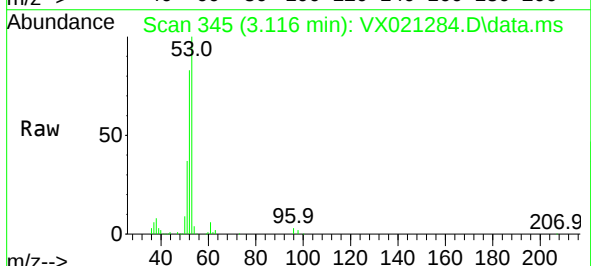
Instrument :  
MSVOA\_X  
ClientSampled :

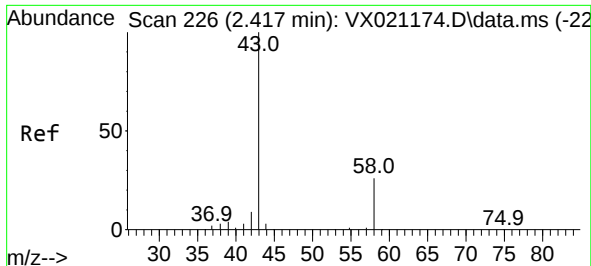
Tgt Ion: 56 Resp: 21658  
Ion Ratio Lower Upper  
56 100  
55 72.6 56.3 84.5



#14  
Acrylonitrile  
Concen: 105.17 ug/l  
RT: 3.116 min Scan# 345  
Delta R.T. 0.005 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 53 Resp: 58036  
Ion Ratio Lower Upper  
53 100  
52 82.3 41.1 123.3  
51 38.2 17.6 52.9

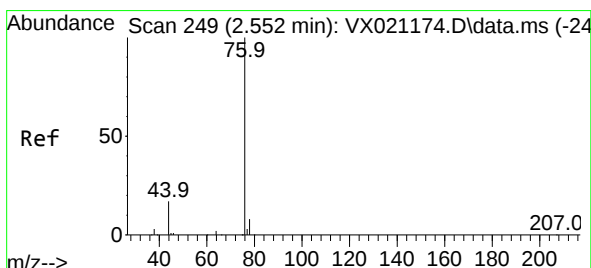
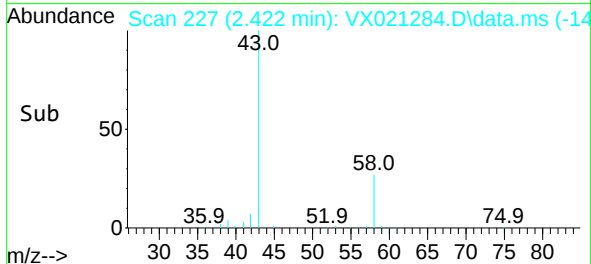
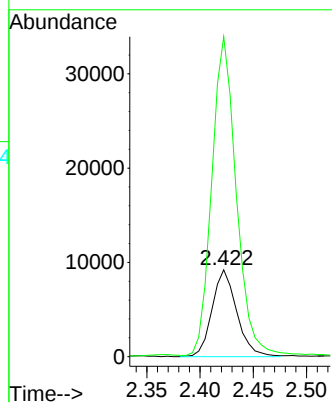
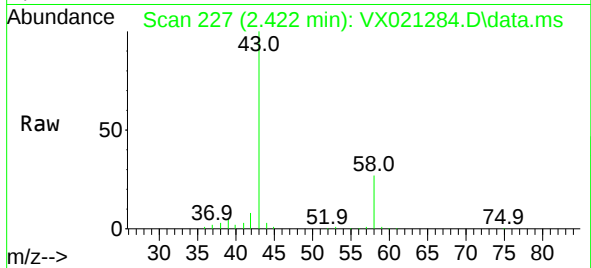




#15  
Acetone  
Concen: 100.62 ug/l  
RT: 2.422 min Scan# 227  
Delta R.T. 0.005 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

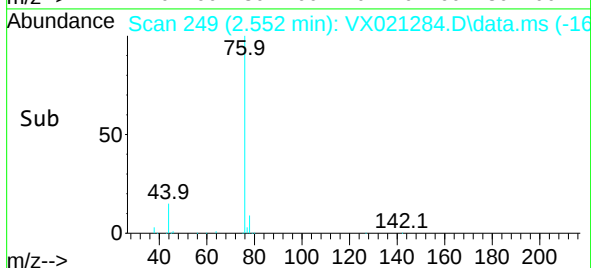
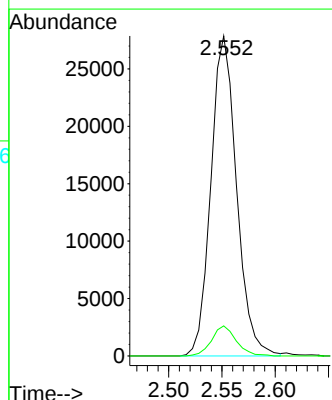
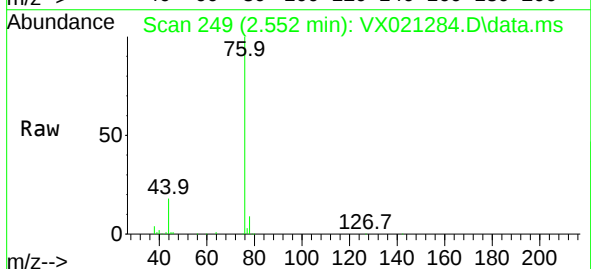
Instrument :  
MSVOA\_X  
ClientSampled :

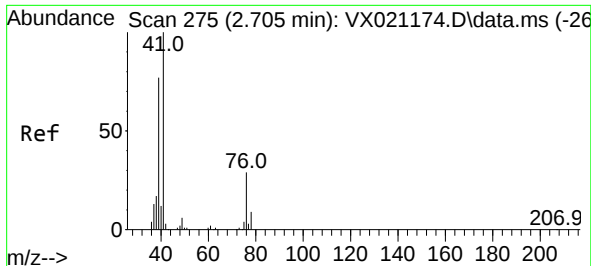
Tgt Ion: 58 Resp: 14868  
Ion Ratio Lower Upper  
58 100  
43 366.5 232.6 348.8#



#16  
Carbon Disulfide  
Concen: 18.31 ug/l  
RT: 2.552 min Scan# 249  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 76 Resp: 46755  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.0





#17

Allyl chloride

Concen: 19.11 ug/l

RT: 2.711 min Scan# 276

Delta R.T. 0.006 min

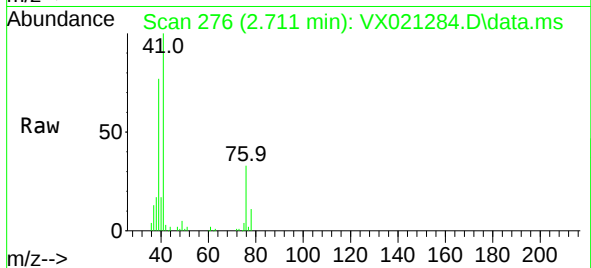
Lab File: VX021284.D

Acq: 18 Mar 2021 17:44

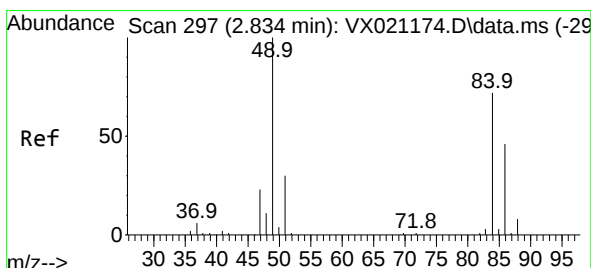
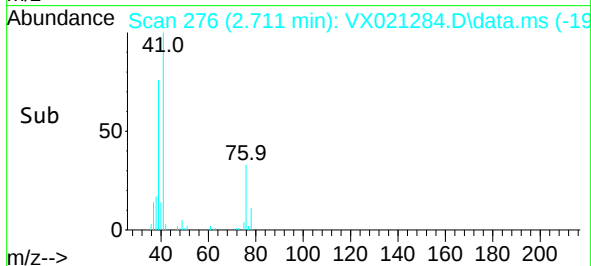
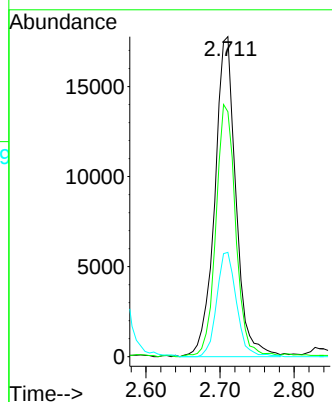
Instrument :

MSVOA\_X

ClientSampled :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 35300 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 76.6  | 34.8  | 104.4 |
| 76        | 32.6  | 21.3  | 63.9  |



#18

Methylene Chloride

Concen: 19.51 ug/l

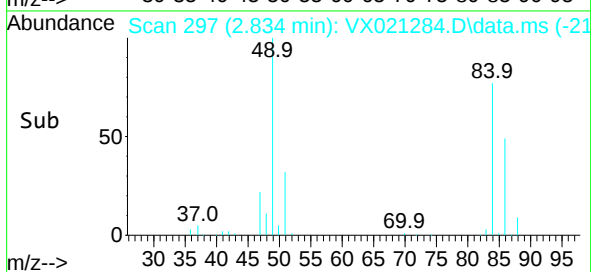
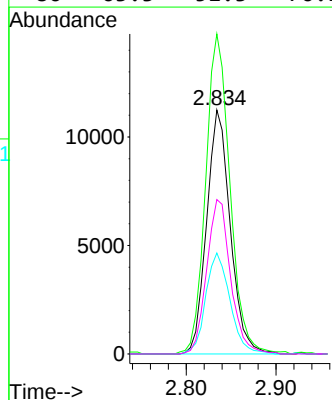
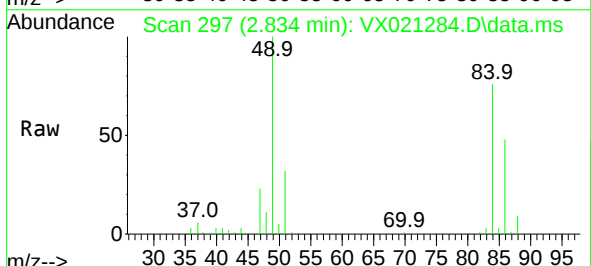
RT: 2.834 min Scan# 297

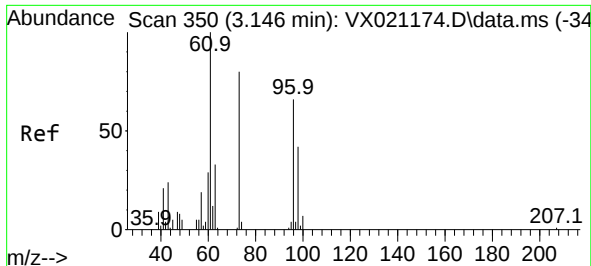
Delta R.T. 0.000 min

Lab File: VX021284.D

Acq: 18 Mar 2021 17:44

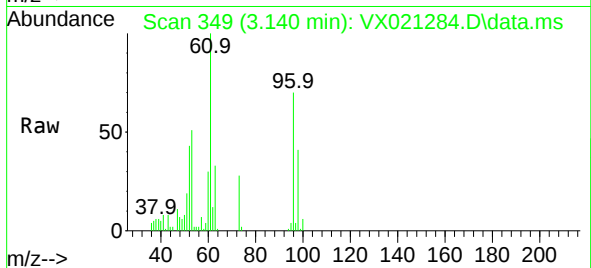
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 84    | Resp: | 20596 |
| Ion Ratio | Lower | Upper |       |
| 84        | 100   |       |       |
| 49        | 130.3 | 90.6  | 136.0 |
| 51        | 41.4  | 26.3  | 39.5  |
| 86        | 63.3  | 51.3  | 76.9  |



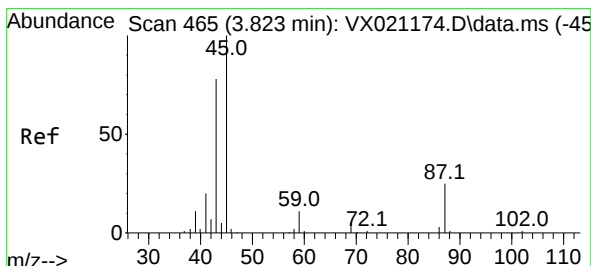
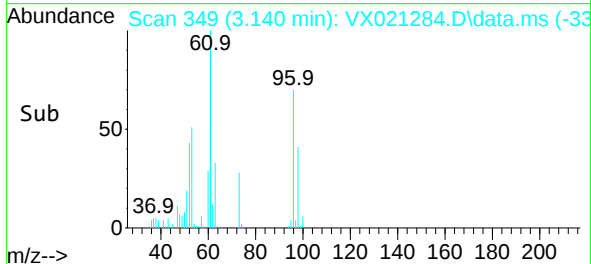
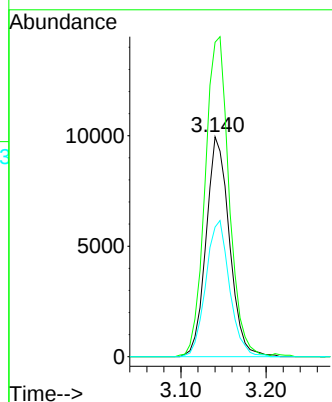


#19  
trans-1,2-Dichloroethene  
Concen: 19.61 ug/l  
RT: 3.140 min Scan# 349  
Delta R.T. -0.006 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Instrument :  
MSVOA\_X  
ClientSampleId :

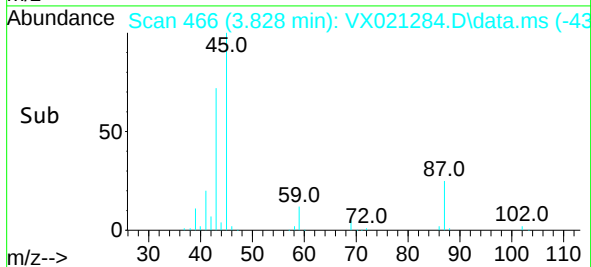
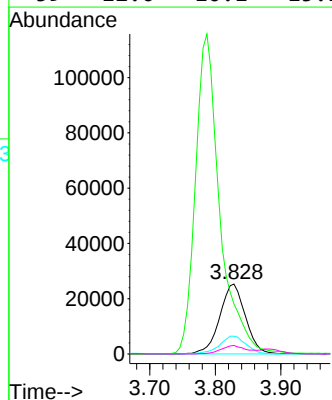
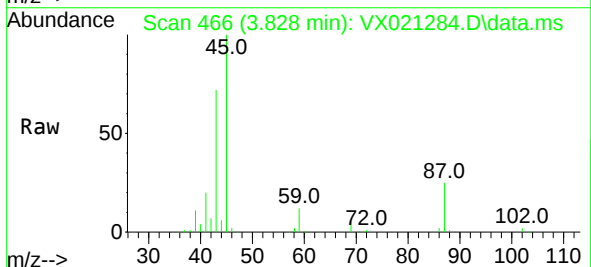


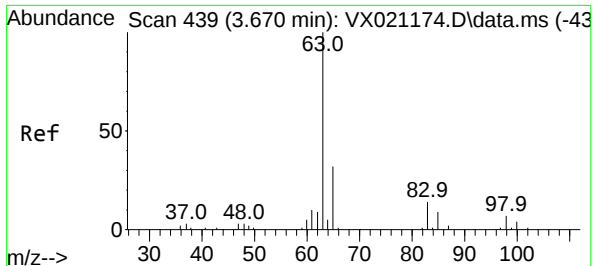
Tgt Ion: 96 Resp: 18926  
Ion Ratio Lower Upper  
96 100  
61 142.3 103.0 154.4  
98 59.0 51.8 77.6



#20  
Diisopropyl ether  
Concen: 19.10 ug/l  
RT: 3.828 min Scan# 466  
Delta R.T. 0.005 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 45 Resp: 68707  
Ion Ratio Lower Upper  
45 100  
43 68.4 56.0 84.0  
87 25.4 25.4 38.0  
59 12.0 10.1 15.1





#21

1,1-Dichloroethane

Concen: 19.30 ug/l

RT: 3.669 min Scan# 439

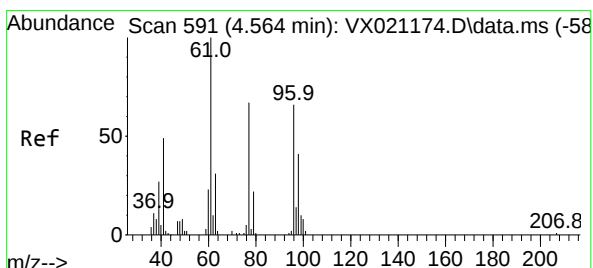
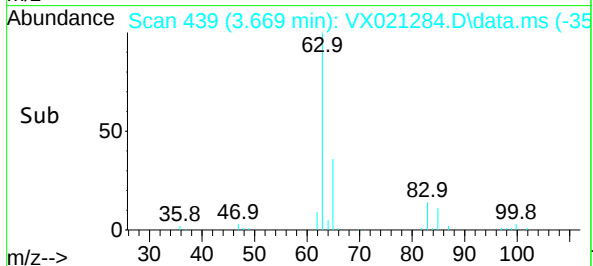
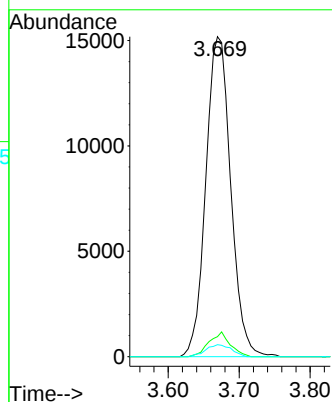
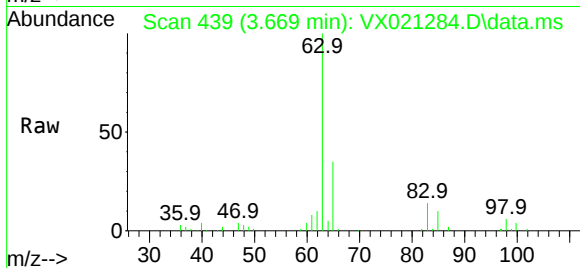
Delta R.T. -0.001 min

Lab File: VX021284.D

Acq: 18 Mar 2021 17:44

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 37015 |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 98 6.3      | 3.9 11.7    |
| 100 3.8     | 2.5 7.4     |

Instrument :  
MSVOA\_X  
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 19.39 ug/l

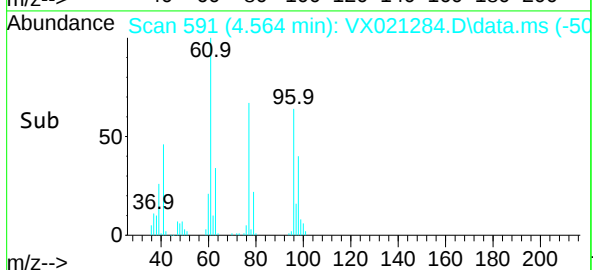
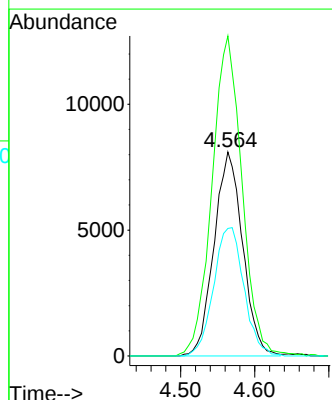
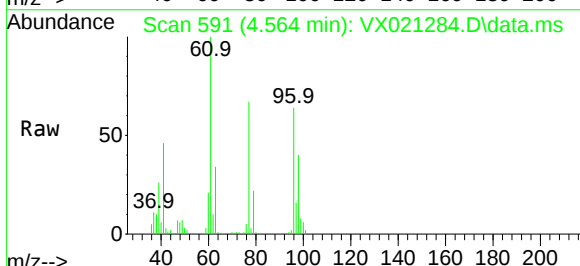
RT: 4.564 min Scan# 591

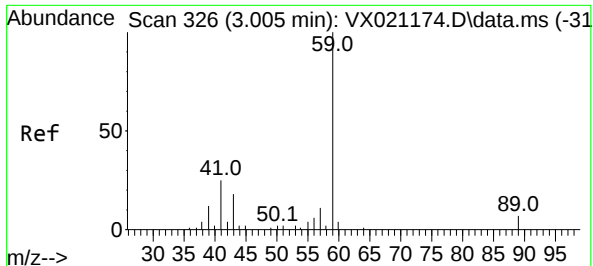
Delta R.T. -0.000 min

Lab File: VX021284.D

Acq: 18 Mar 2021 17:44

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 21756 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 164.1    | 114.1 171.1 |
| 98 66.5     | 51.8 77.8   |

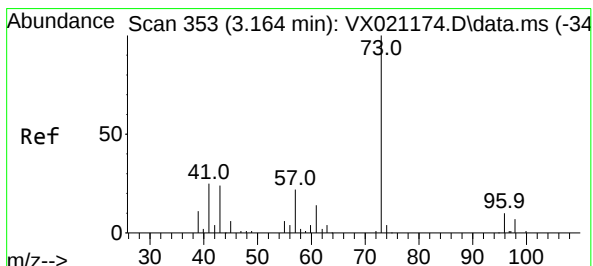
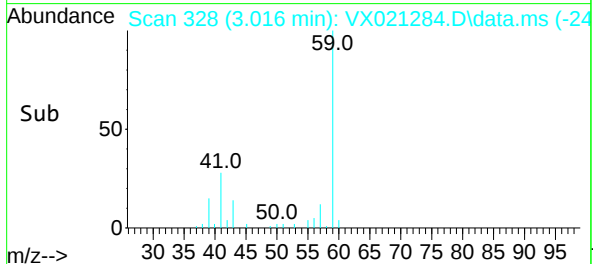
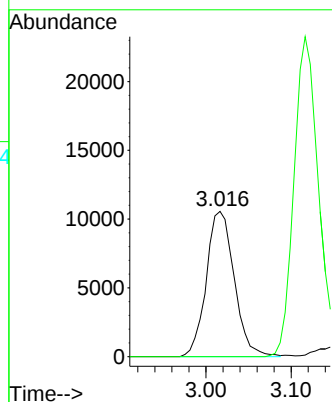
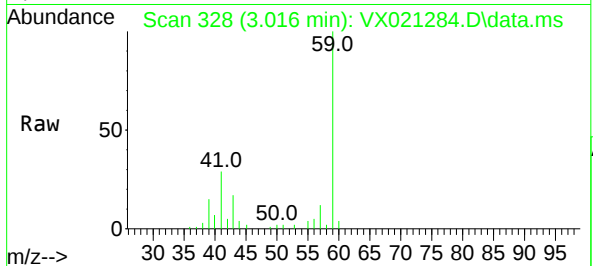




#23  
tert-Butyl Alcohol  
Concen: 98.43 ug/l  
RT: 3.016 min Scan# 328  
Delta R.T. 0.011 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

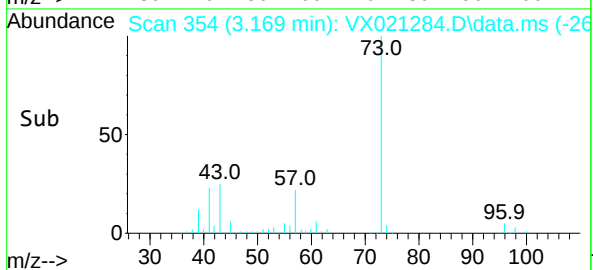
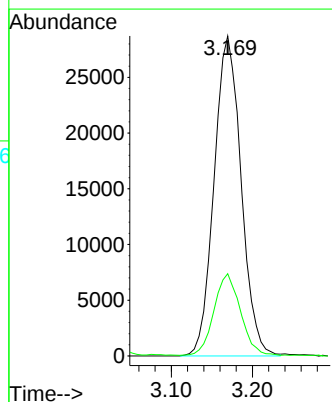
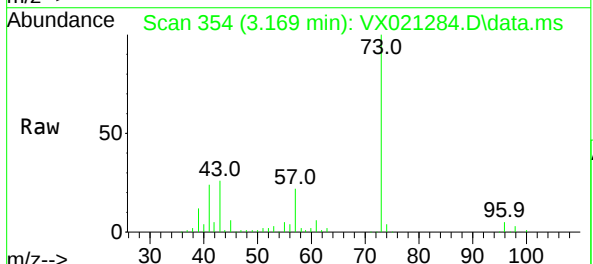
Instrument :  
MSVOA\_X  
ClientSampled :

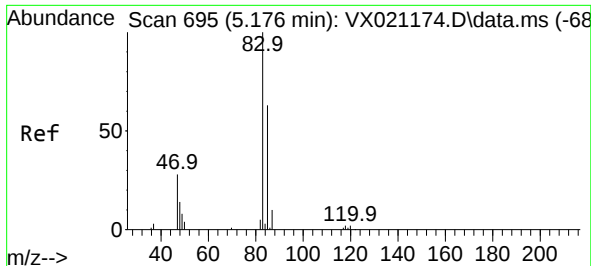
Tgt Ion: 59 Resp: 24128  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.1 0.1#



#24  
Methyl tert-Butyl Ether  
Concen: 20.00 ug/l  
RT: 3.169 min Scan# 354  
Delta R.T. 0.005 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 73 Resp: 66412  
Ion Ratio Lower Upper  
73 100  
43 25.4 14.9 22.3#

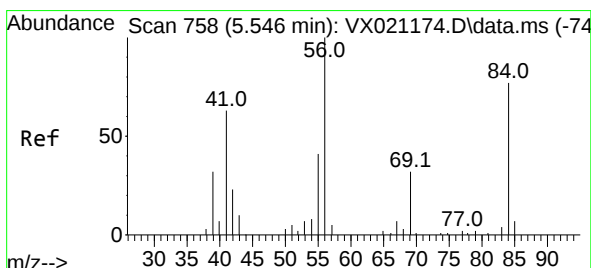
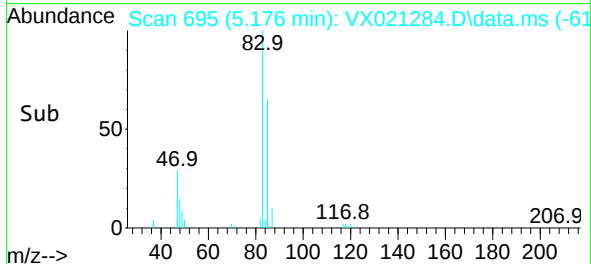
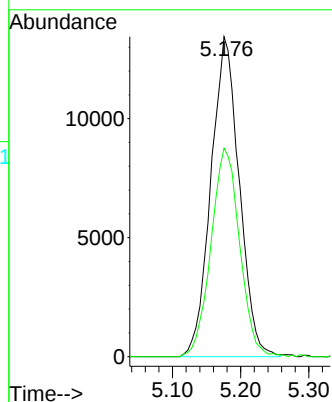
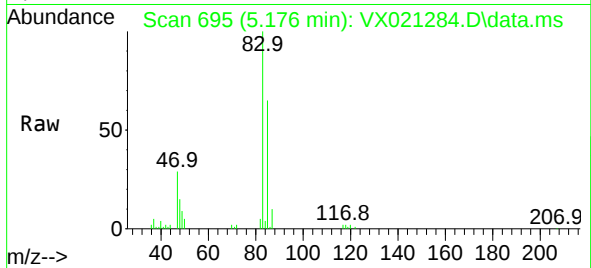




#25  
Chloroform  
Concen: 19.44 ug/l  
RT: 5.176 min Scan# 695  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

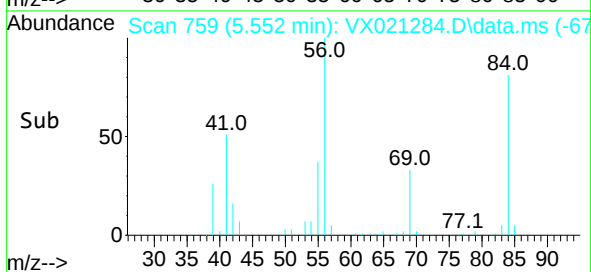
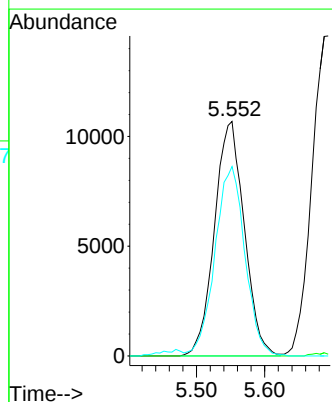
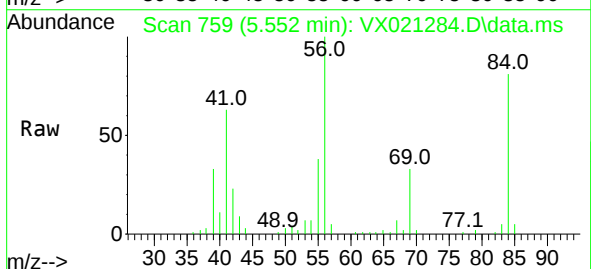
Instrument :  
MSVOA\_X  
ClientSampleId :

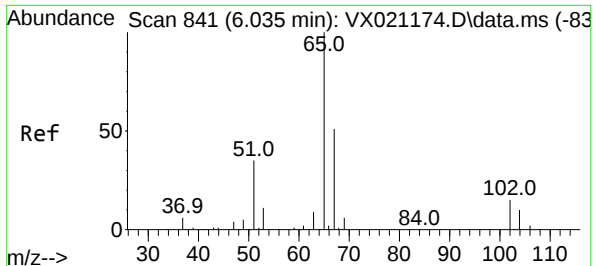
Tgt Ion: 83 Resp: 38850  
Ion Ratio Lower Upper  
83 100  
85 65.1 51.2 76.8



#26  
Cyclohexane  
Concen: 19.08 ug/l  
RT: 5.552 min Scan# 759  
Delta R.T. 0.006 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 56 Resp: 32497  
Ion Ratio Lower Upper  
56 100  
89 0.4 0.0 0.0#  
84 81.3 74.1 111.1





#27

1,2-Dichloroethane-d4

Concen: 30.17 ug/l

RT: 6.034 min Scan# 841

Delta R.T. -0.001 min

Lab File: VX021284.D

Acq: 18 Mar 2021 17:44

Tgt Ion: 65 Resp: 43562

Ion Ratio Lower Upper

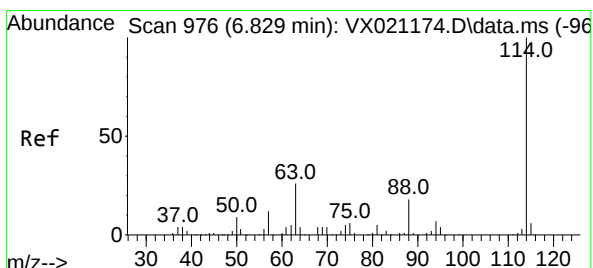
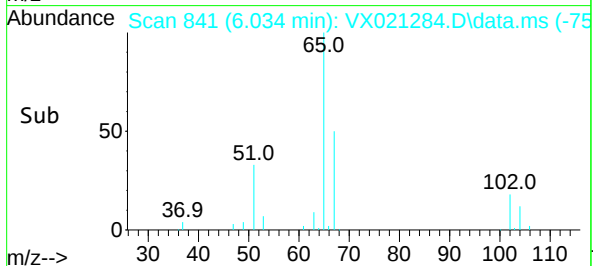
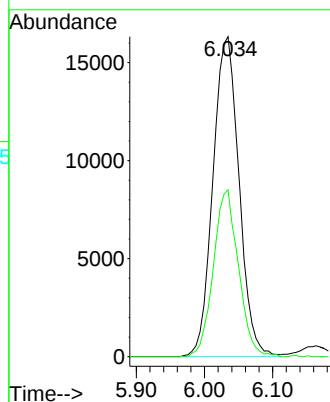
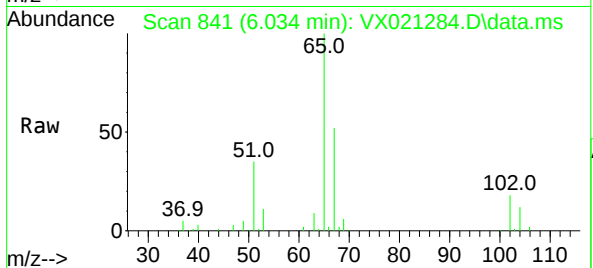
65 100

67 49.9 41.9 62.9

Instrument :

MSVOA\_X

ClientSampled :



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021284.D

Acq: 18 Mar 2021 17:44

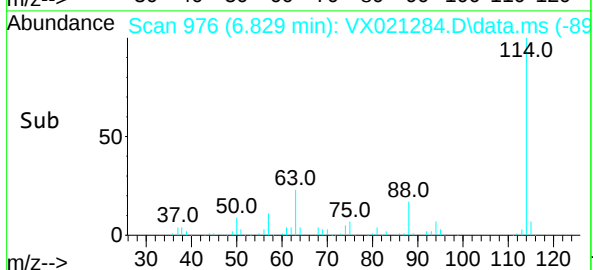
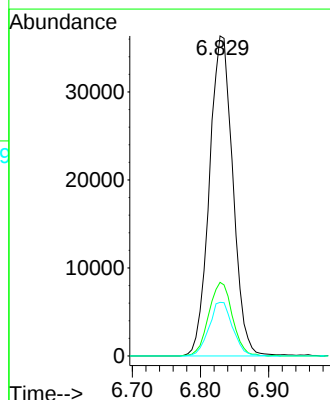
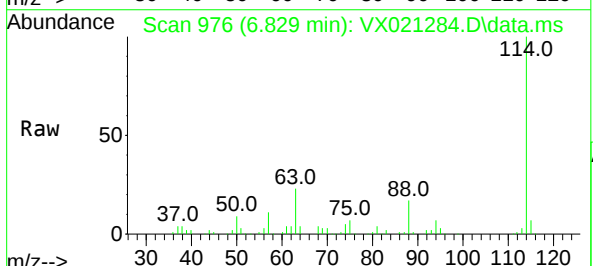
Tgt Ion: 114 Resp: 87076

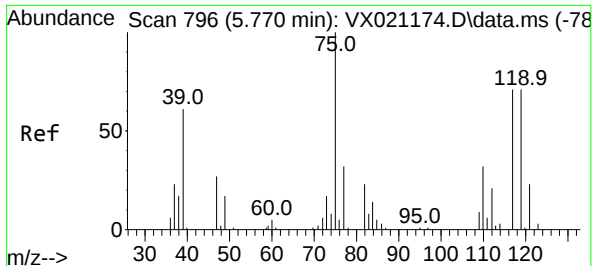
Ion Ratio Lower Upper

114 100

63 23.2 16.2 24.2

88 16.8 13.0 19.6

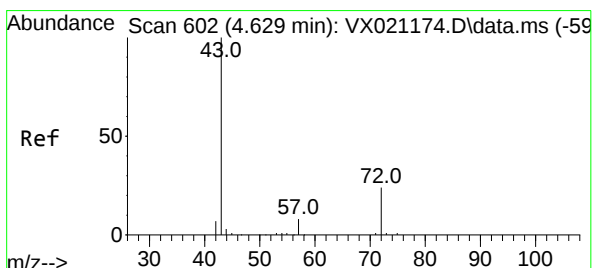
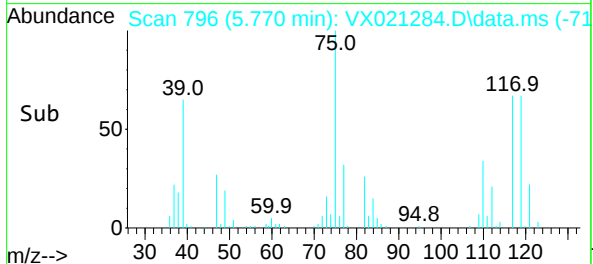
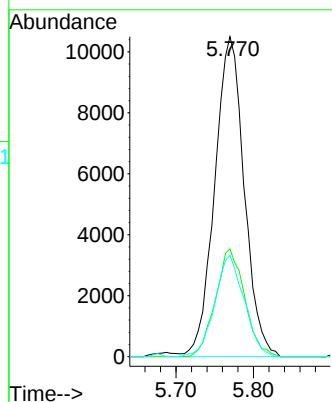
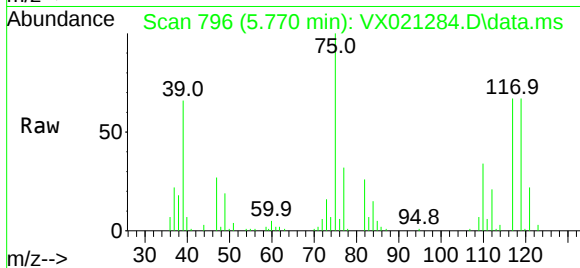




#29  
1,1-Dichloropropene  
Concen: 19.15 ug/l  
RT: 5.770 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

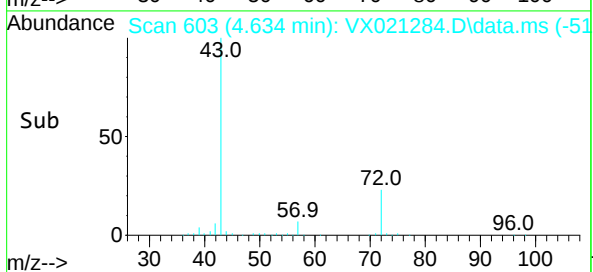
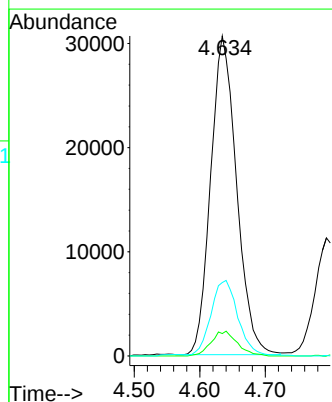
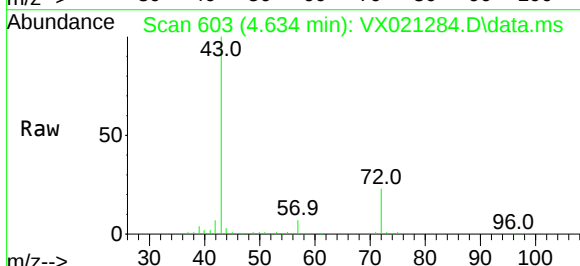
Instrument :  
MSVOA\_X  
ClientSampleId :

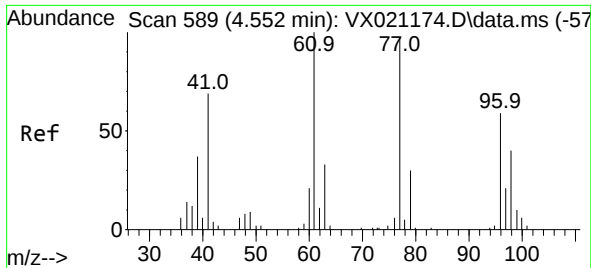
Tgt Ion: 75 Resp: 27800  
Ion Ratio Lower Upper  
75 100  
110 33.3 0.0 72.4  
77 31.6 0.0 62.4



#30  
2-Butanone  
Concen: 103.44 ug/l  
RT: 4.634 min Scan# 603  
Delta R.T. 0.005 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 43 Resp: 83915  
Ion Ratio Lower Upper  
43 100  
57 7.9 7.2 10.8  
72 24.2 23.7 35.5

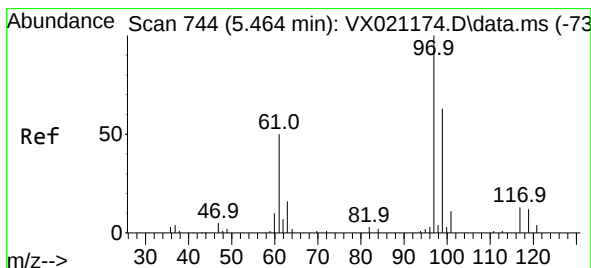
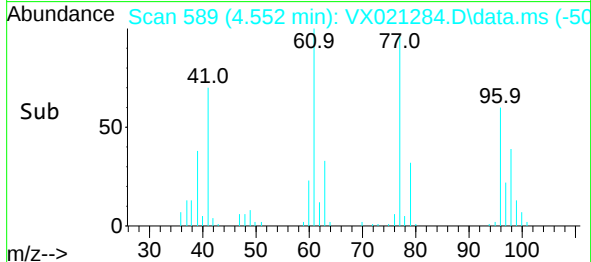
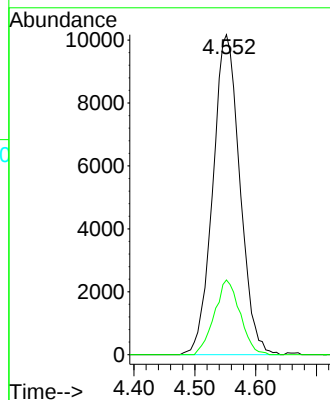
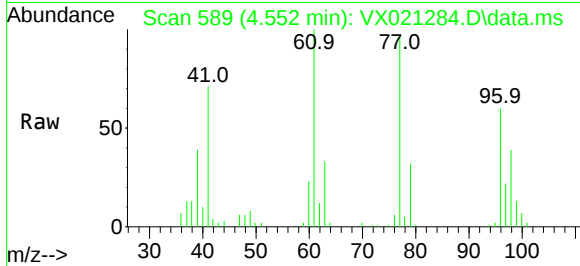




#31  
2,2-Dichloropropane  
Concen: 19.24 ug/l  
RT: 4.552 min Scan# 589  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

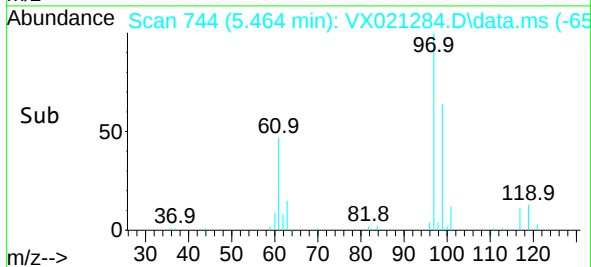
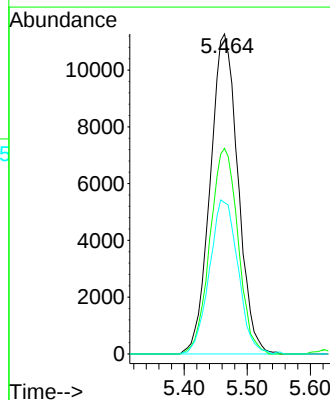
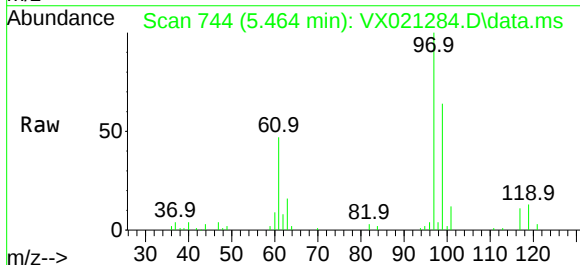
Instrument :  
MSVOA\_X  
ClientSampleId :

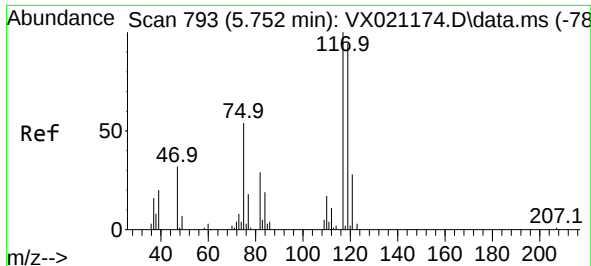
Tgt Ion: 77 Resp: 31363  
Ion Ratio Lower Upper  
77 100  
97 22.1 18.6 28.0



#32  
1,1,1-Trichloroethane  
Concen: 19.47 ug/l  
RT: 5.464 min Scan# 744  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

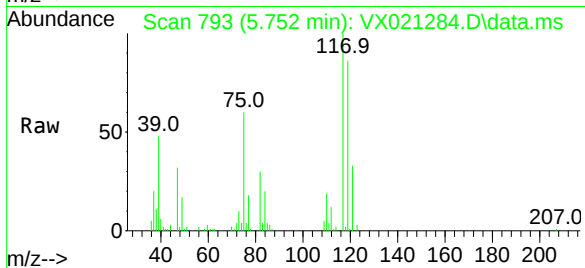
Tgt Ion: 97 Resp: 34466  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.7 77.5  
61 49.4 34.3 51.5



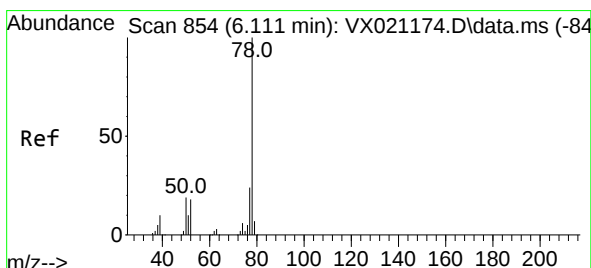
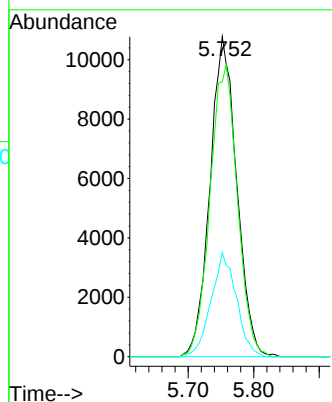
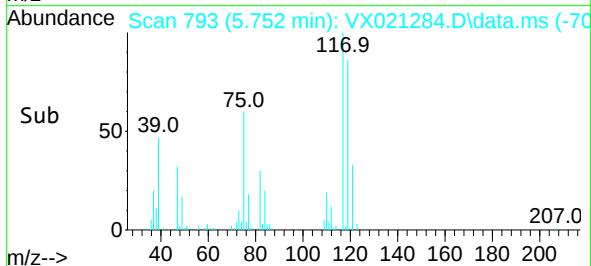


#33  
Carbon Tetrachloride  
Concen: 19.64 ug/l  
RT: 5.752 min Scan# 793  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

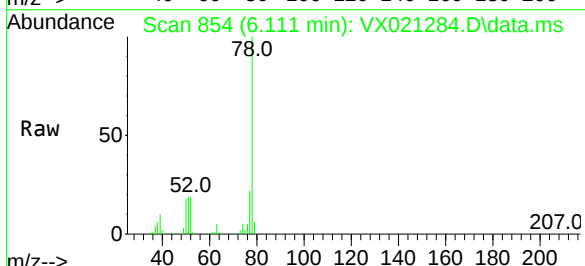
Instrument :  
MSVOA\_X  
ClientSampleId :



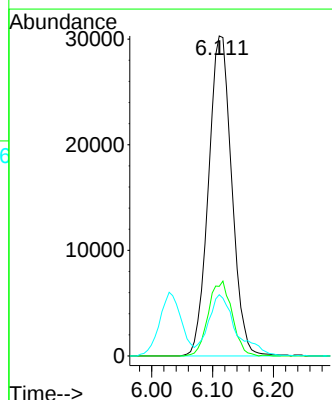
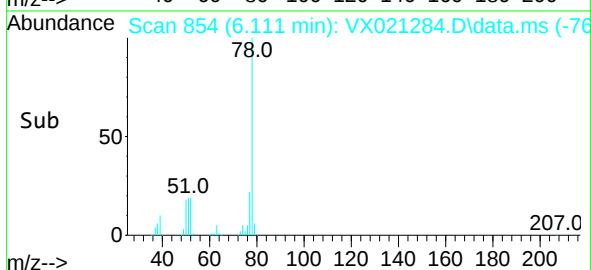
Tgt Ion:117 Resp: 30505  
Ion Ratio Lower Upper  
117 100  
119 85.8 76.1 114.1  
121 32.6 24.1 36.1

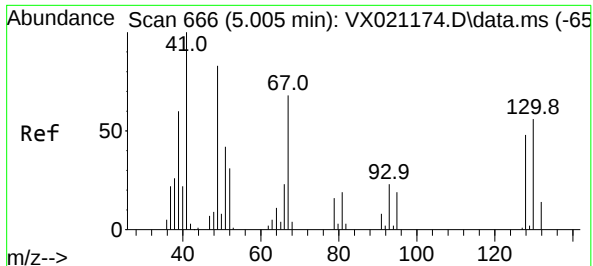


#34  
Benzene  
Concen: 19.34 ug/l  
RT: 6.111 min Scan# 854  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44



Tgt Ion: 78 Resp: 80425  
Ion Ratio Lower Upper  
78 100  
77 21.7 19.0 28.4  
51 18.9 12.5 18.7#





#35

Methacrylonitrile

Concen: 20.07 ug/l

RT: 4.999 min Scan# 665

Delta R.T. -0.006 min

Lab File: VX021284.D

Acq: 18 Mar 2021 17:44

Tgt Ion: 41 Resp: 18507

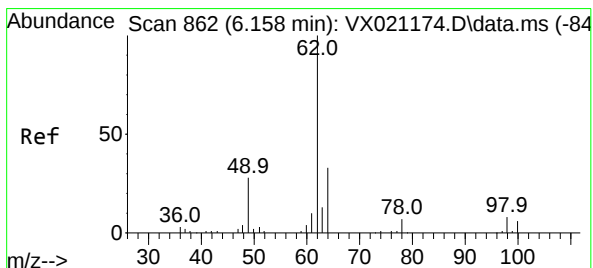
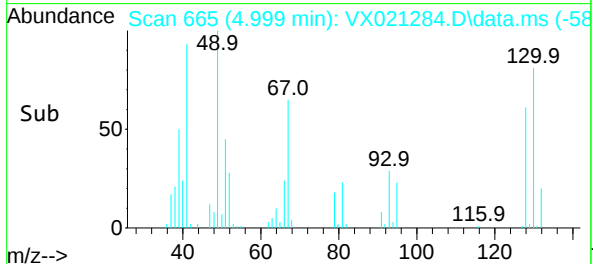
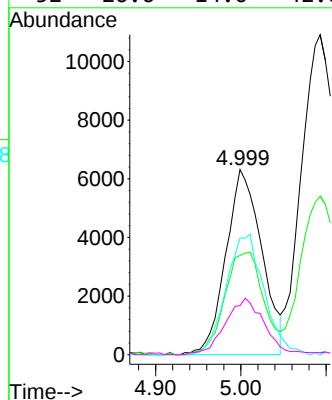
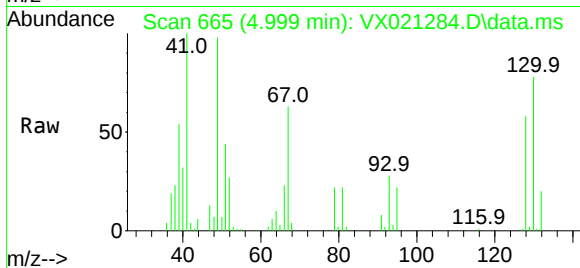
Ion Ratio Lower Upper

41 100

39 53.6 26.8 80.3

67 63.0 39.1 117.2

52 26.6 14.0 42.0



#36

1,2-Dichloroethane

Concen: 19.66 ug/l

RT: 6.164 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX021284.D

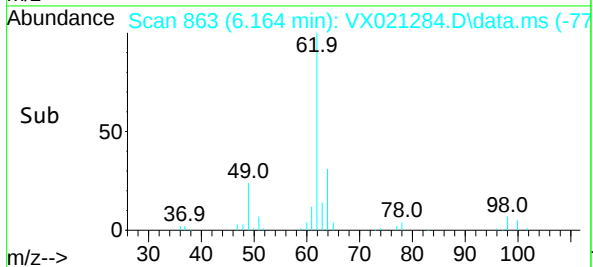
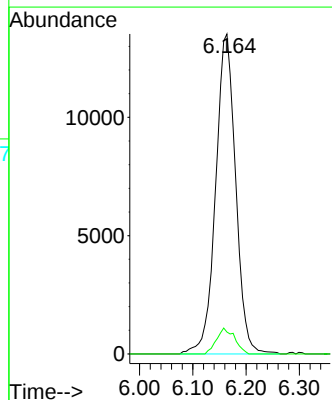
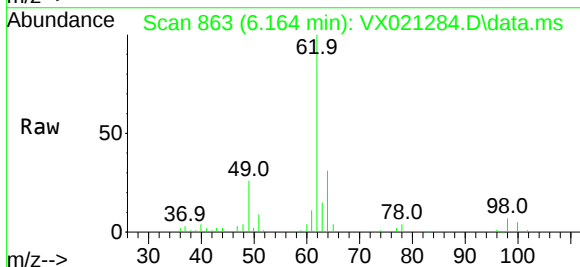
Acq: 18 Mar 2021 17:44

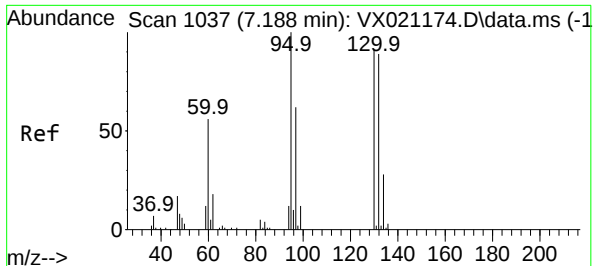
Tgt Ion: 62 Resp: 35293

Ion Ratio Lower Upper

62 100

98 5.3 8.1 12.1#





#37

Trichloroethene

Concen: 18.76 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VX021284.D

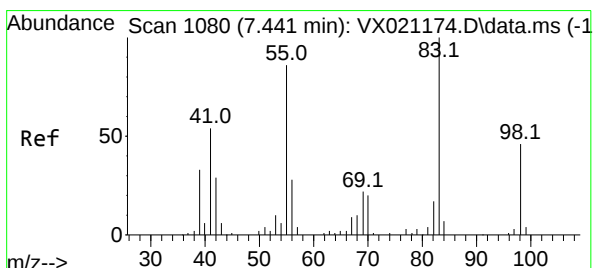
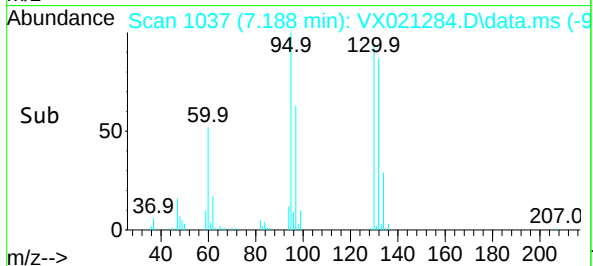
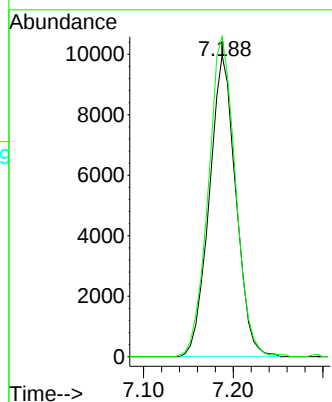
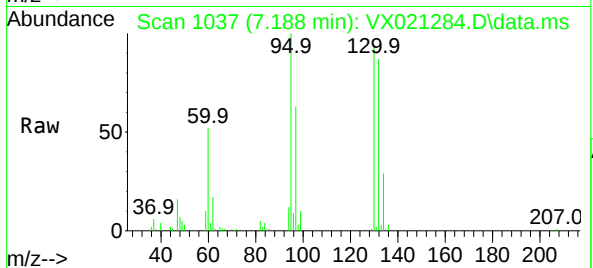
Acq: 18 Mar 2021 17:44

Tgt Ion:130 Resp: 20450

Ion Ratio Lower Upper

130 100

95 105.7 80.2 120.4



#38

Methylcyclohexane

Concen: 19.62 ug/l

RT: 7.441 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VX021284.D

Acq: 18 Mar 2021 17:44

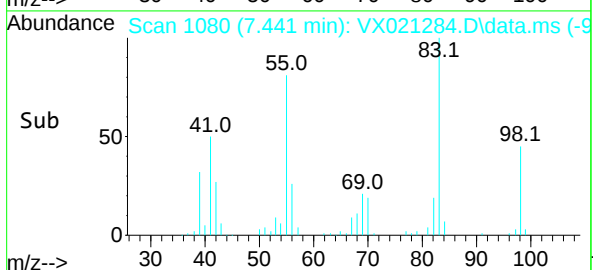
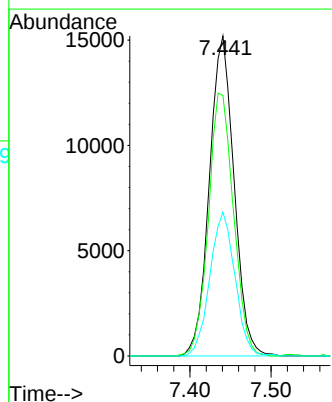
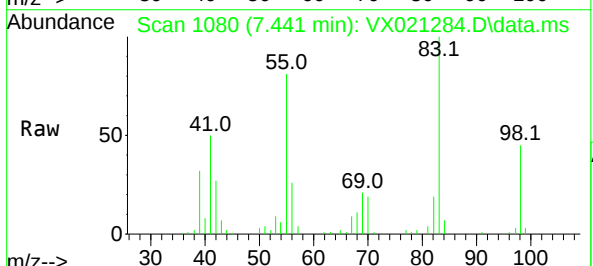
Tgt Ion: 83 Resp: 32183

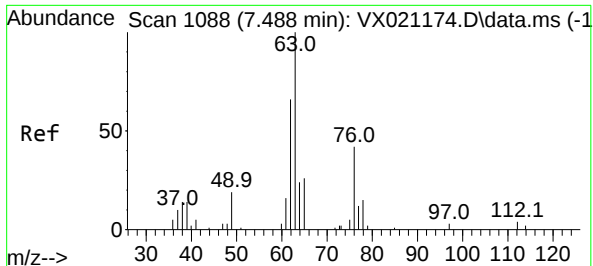
Ion Ratio Lower Upper

83 100

55 83.5 37.4 112.1

98 45.5 24.7 74.1





#39

1,2-Dichloropropane

Concen: 18.97 ug/l

RT: 7.488 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VX021284.D

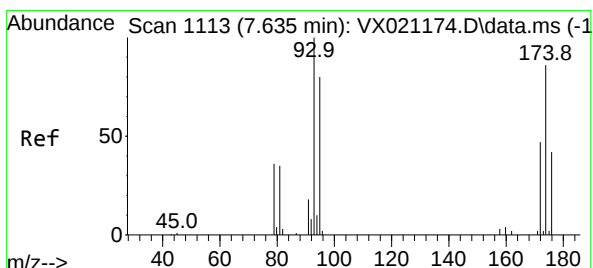
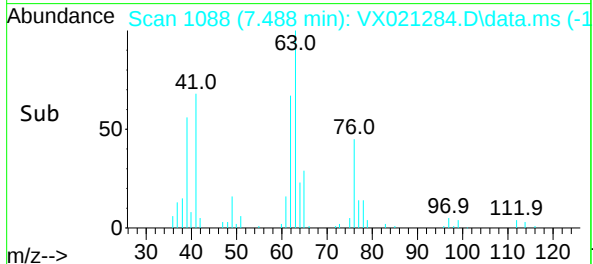
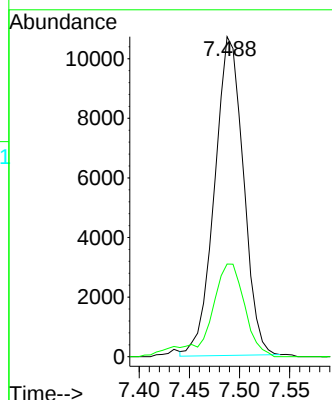
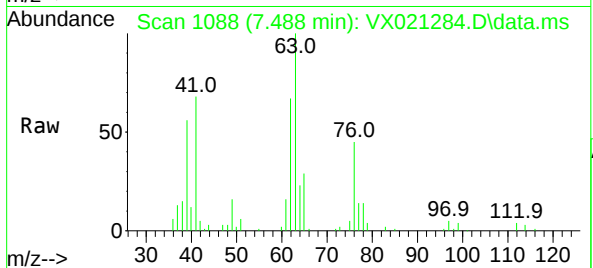
Acq: 18 Mar 2021 17:44

Tgt Ion: 63 Resp: 21400

Ion Ratio Lower Upper

63 100

65 29.2 25.6 38.4



#40

Dibromomethane

Concen: 19.96 ug/l

RT: 7.641 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VX021284.D

Acq: 18 Mar 2021 17:44

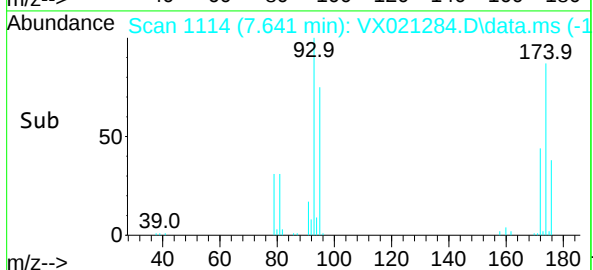
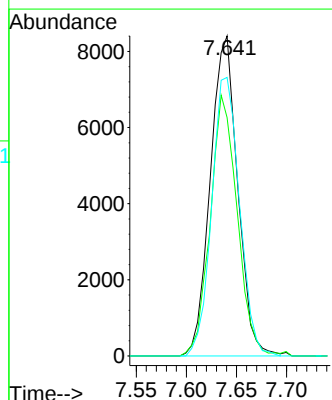
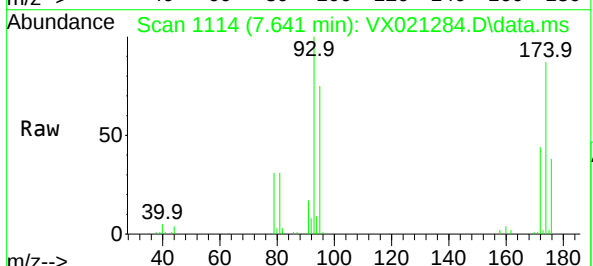
Tgt Ion: 93 Resp: 15944

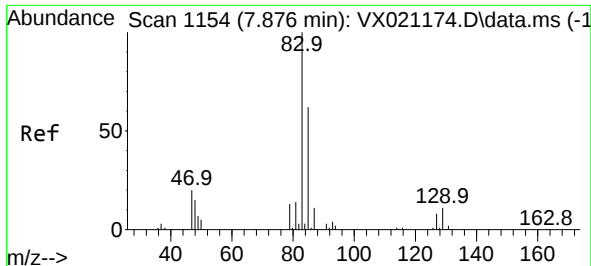
Ion Ratio Lower Upper

93 100

95 80.2 0.0 167.4

174 88.2 0.0 211.8

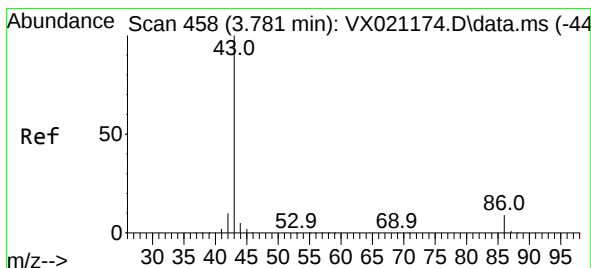
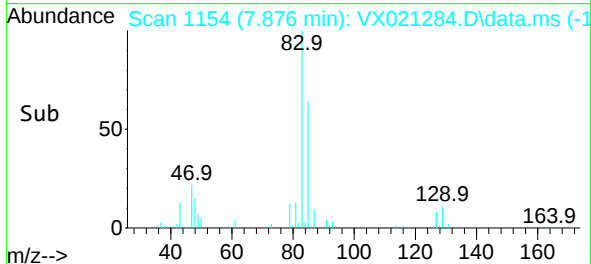
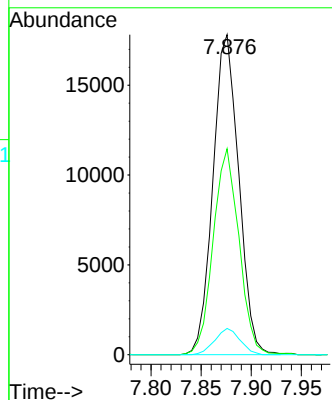
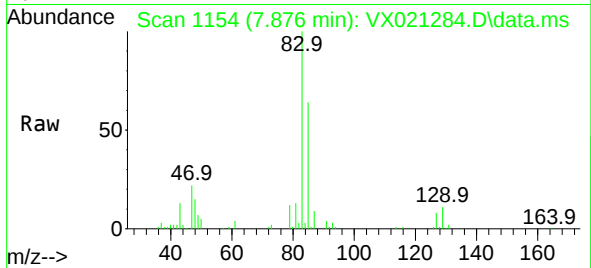




#41  
Bromodichloromethane  
Concen: 19.09 ug/l  
RT: 7.876 min Scan# 1154  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

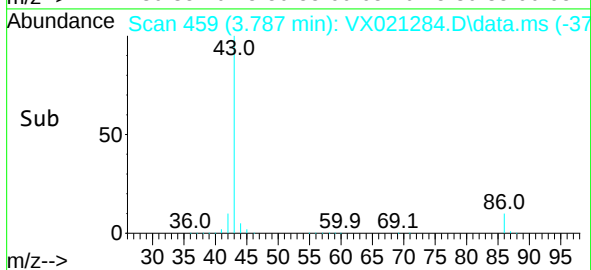
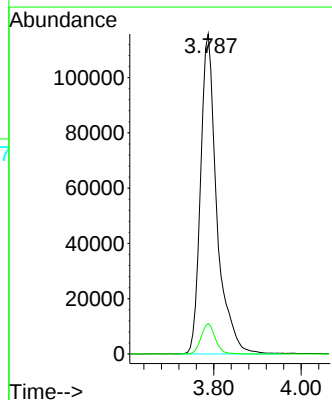
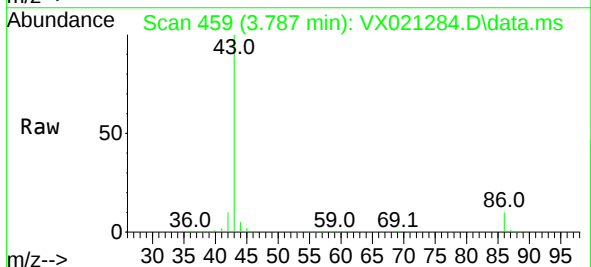
Instrument :  
MSVOA\_X  
ClientSampleId :

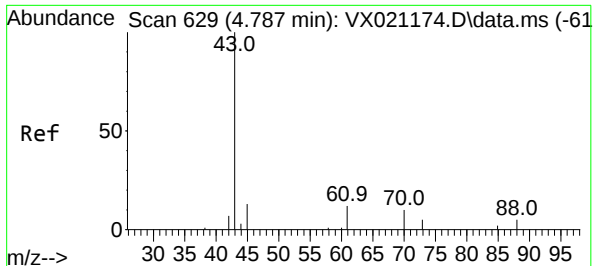
Tgt Ion: 83 Resp: 31887  
Ion Ratio Lower Upper  
83 100  
85 64.3 51.4 77.0  
127 8.2 7.1 10.7



#42  
Vinyl Acetate  
Concen: 97.81 ug/l  
RT: 3.787 min Scan# 459  
Delta R.T. 0.006 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 43 Resp: 300217  
Ion Ratio Lower Upper  
43 100  
86 8.2 9.0 13.4#

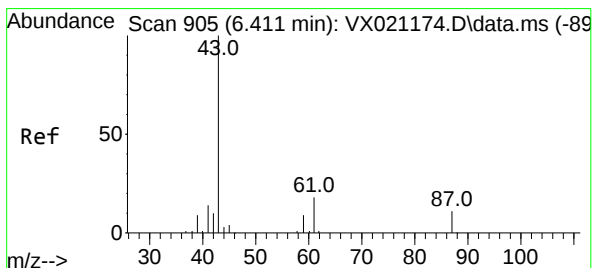
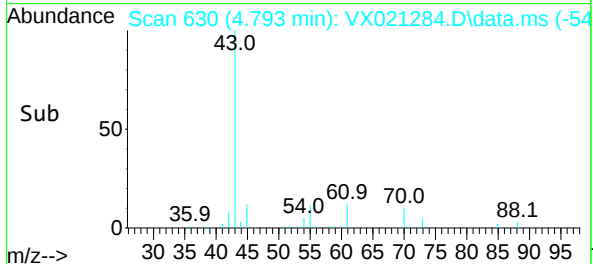
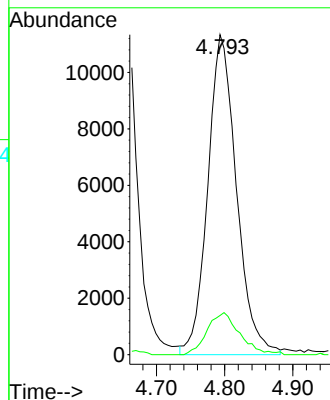
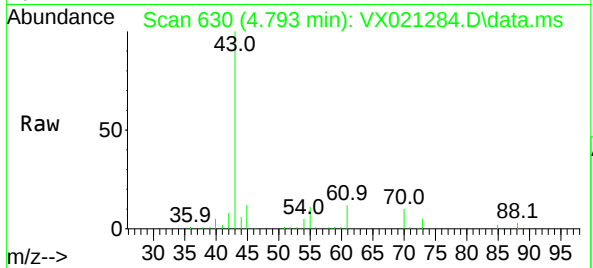




#43  
Ethyl Acetate  
Concen: 20.52 ug/l  
RT: 4.793 min Scan# 630  
Delta R.T. 0.006 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

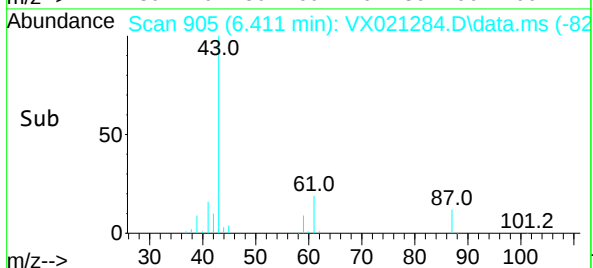
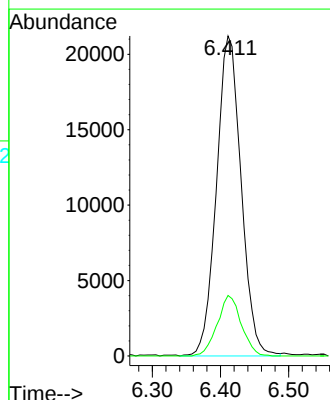
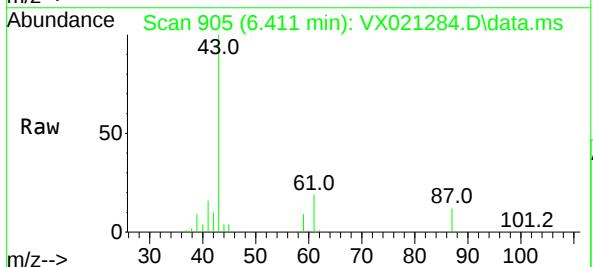
Instrument :  
MSVOA\_X  
ClientSampled :

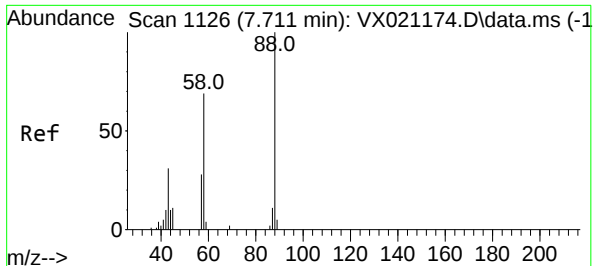
Tgt Ion: 43 Resp: 33218  
Ion Ratio Lower Upper  
43 100  
45 14.6 12.2 18.4



#44  
Isopropyl Acetate  
Concen: 19.84 ug/l  
RT: 6.411 min Scan# 905  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 43 Resp: 53453  
Ion Ratio Lower Upper  
43 100  
61 18.3 18.1 27.1





#45

1,4-Dioxane

Concen: 407.50 ug/l

RT: 7.711 min Scan# 1126

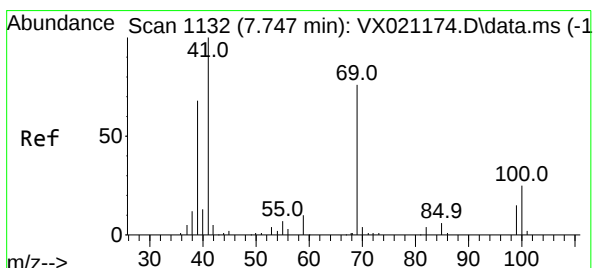
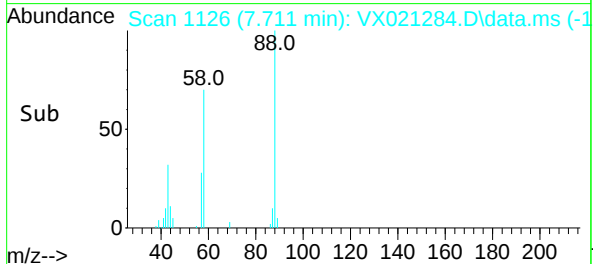
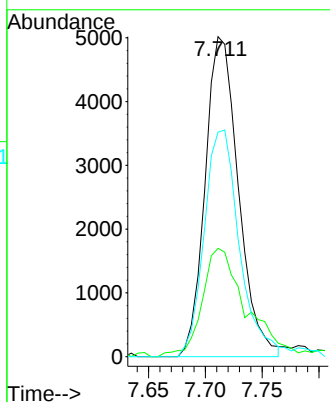
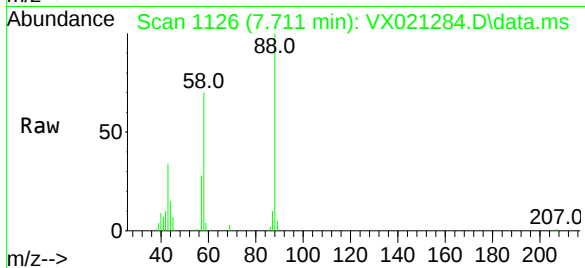
Delta R.T. 0.000 min

Lab File: VX021284.D

Acq: 18 Mar 2021 17:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 10240 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 35.0  | 22.2  | 33.2# |
| 58       | 75.3  | 53.9  | 80.9  |

Instrument :  
MSVOA\_X  
ClientSampled :



#46

Methyl methacrylate

Concen: 20.03 ug/l

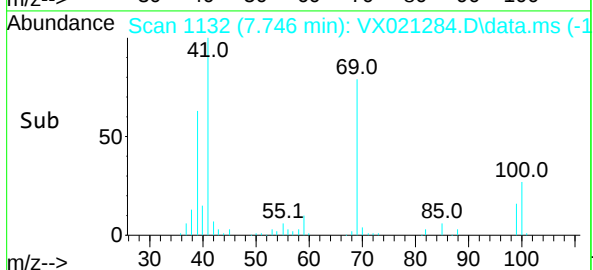
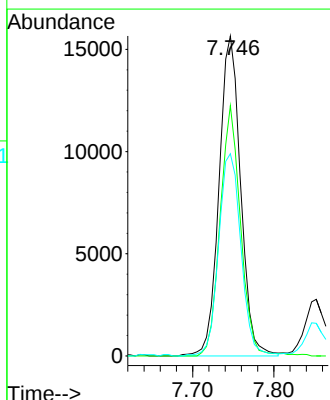
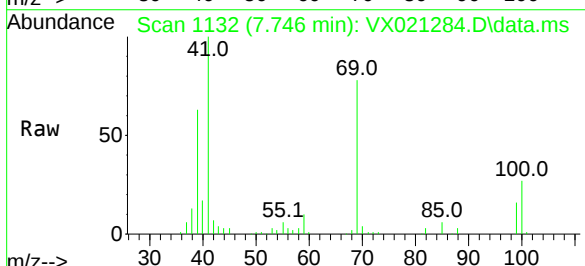
RT: 7.746 min Scan# 1132

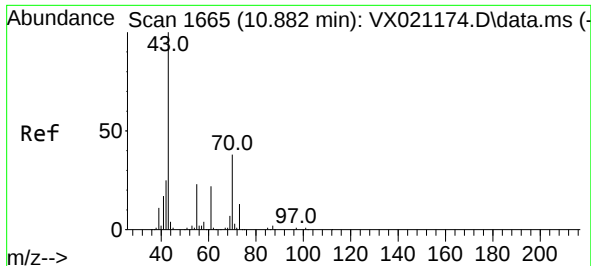
Delta R.T. -0.000 min

Lab File: VX021284.D

Acq: 18 Mar 2021 17:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 28952 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 78.2  | 46.9  | 140.6 |
| 39       | 63.2  | 28.0  | 83.9  |

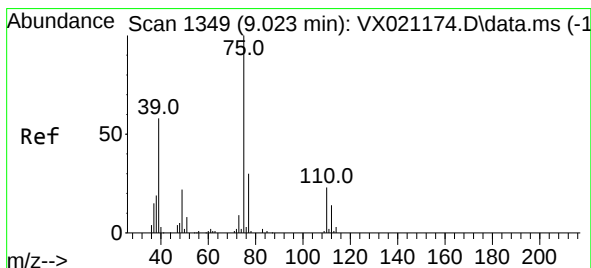
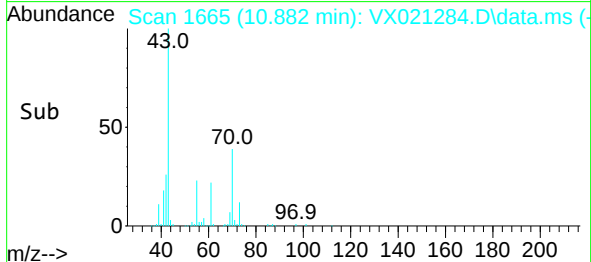
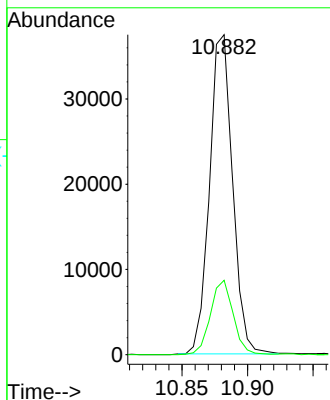
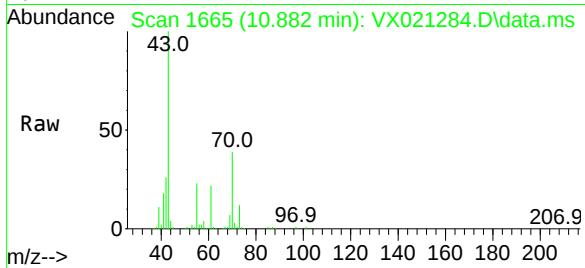




#47  
n-amy1 Acetate  
Concen: 19.46 ug/l  
RT: 10.882 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

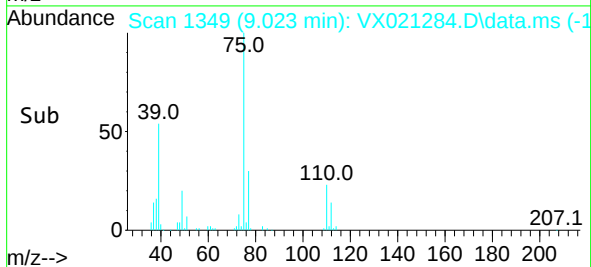
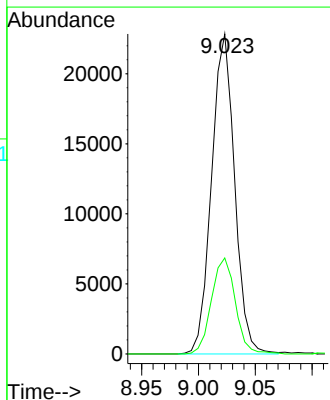
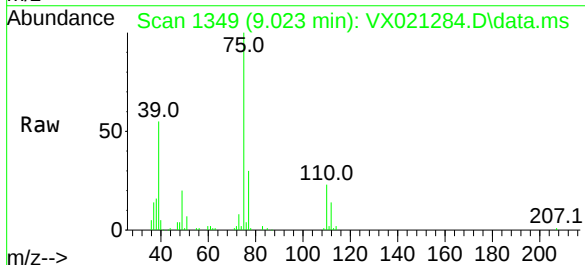
Instrument :  
MSVOA\_X  
ClientSampleId :

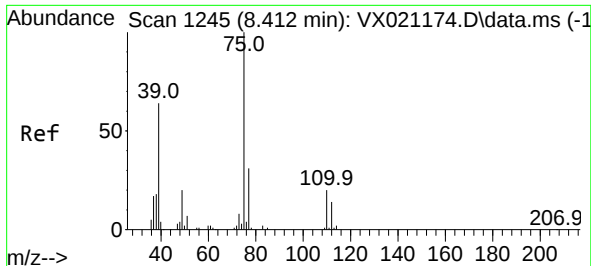
Tgt Ion: 43 Resp: 45789  
Ion Ratio Lower Upper  
43 100  
55 23.0 21.8 32.6



#48  
t-1,3-Dichloropropene  
Concen: 18.80 ug/l  
RT: 9.023 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 75 Resp: 32280  
Ion Ratio Lower Upper  
75 100  
77 30.0 25.0 37.6

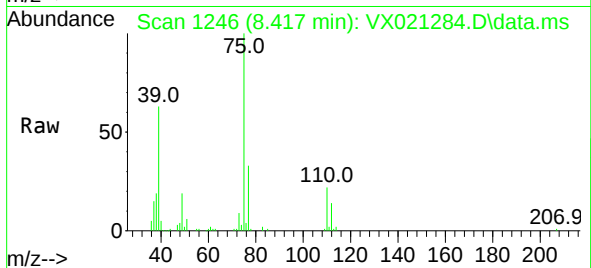




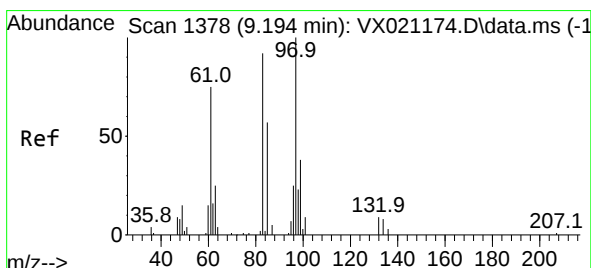
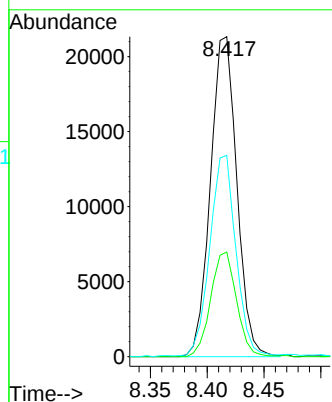
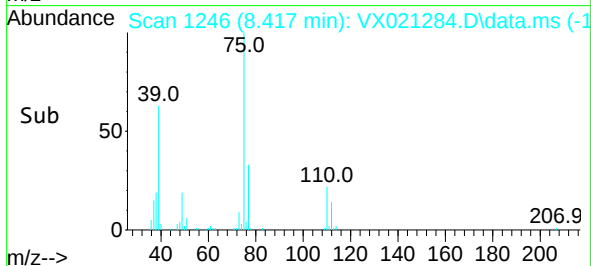
#49

cis-1,3-Dichloropropene  
Concen: 18.87 ug/l  
RT: 8.417 min Scan# 1246  
Delta R.T. 0.006 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Instrument :  
MSVOA\_X  
ClientSampled :

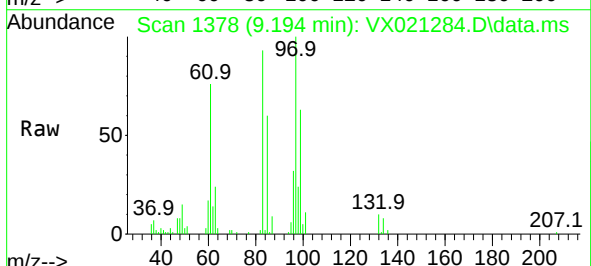


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 34503 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.7  | 24.4  | 36.6  |
| 39       | 62.6  | 35.4  | 53.0# |

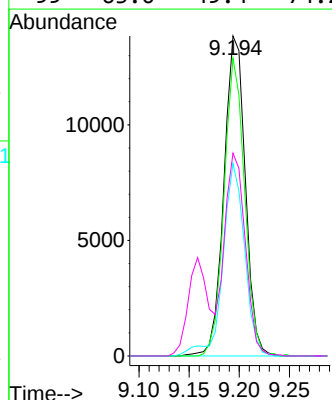
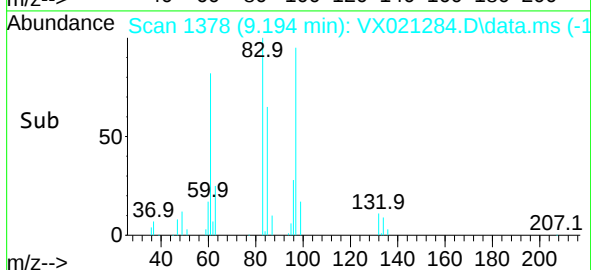


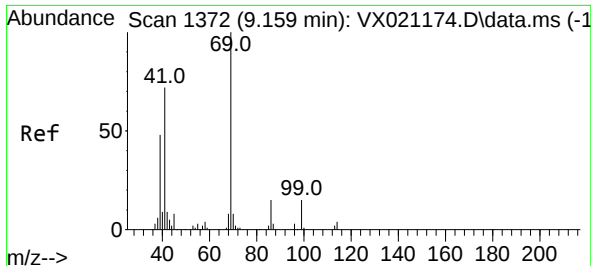
#50

1,1,2-Trichloroethane  
Concen: 19.23 ug/l  
RT: 9.194 min Scan# 1378  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 20540 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 93.1  | 68.5  | 102.7 |
| 85       | 60.2  | 43.8  | 65.6  |
| 99       | 63.0  | 49.4  | 74.2  |

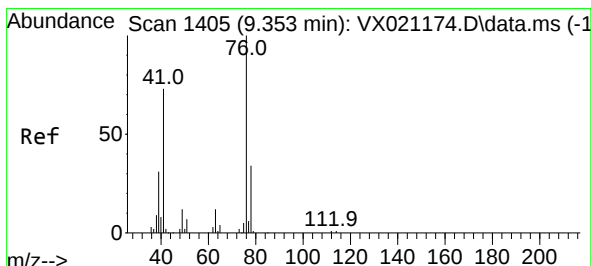
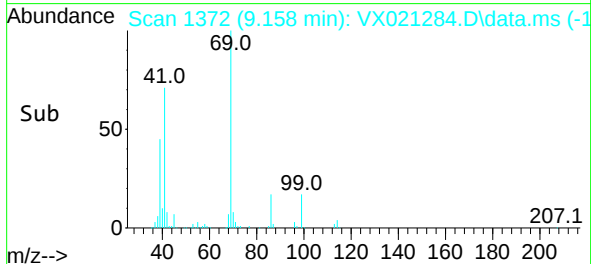
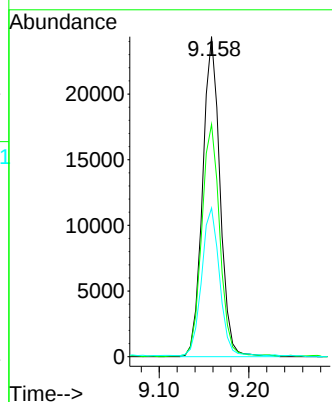
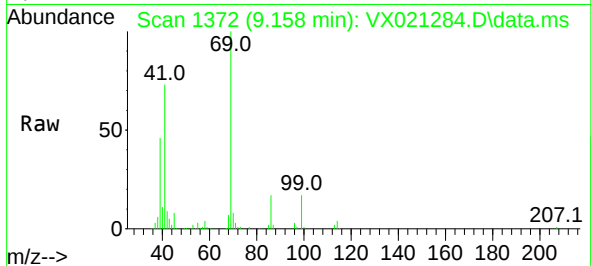




#51  
Ethyl methacrylate  
Concen: 19.37 ug/l  
RT: 9.158 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

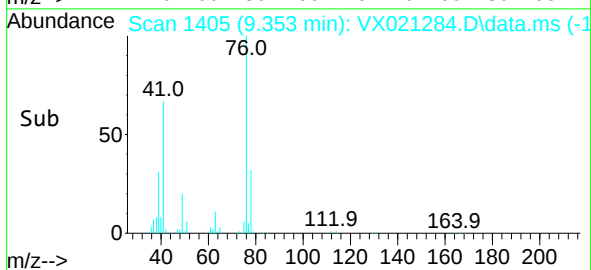
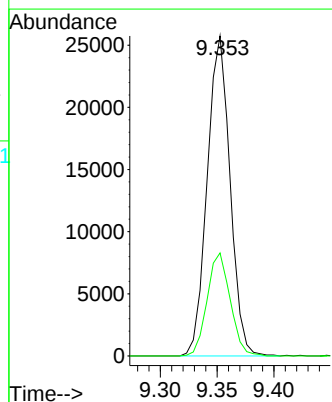
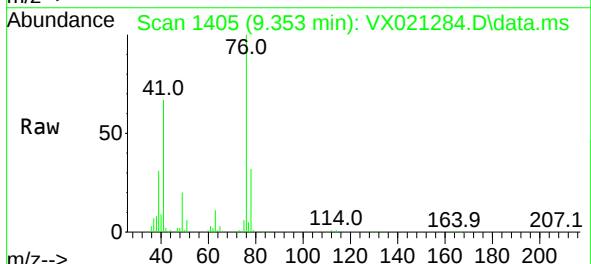
Instrument :  
MSVOA\_X  
ClientSampled :

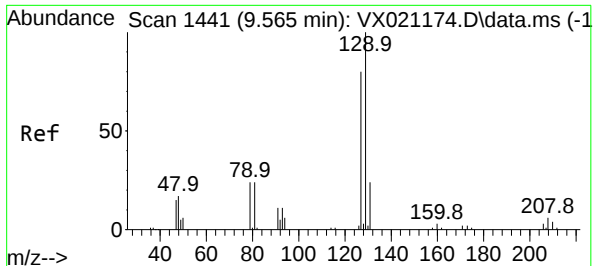
Tgt Ion: 69 Resp: 32797  
Ion Ratio Lower Upper  
69 100  
41 72.3 29.1 87.4  
39 46.2 15.4 46.1#



#52  
1,3-Dichloropropane  
Concen: 19.40 ug/l  
RT: 9.353 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 76 Resp: 36044  
Ion Ratio Lower Upper  
76 100  
78 32.4 0.0 66.0

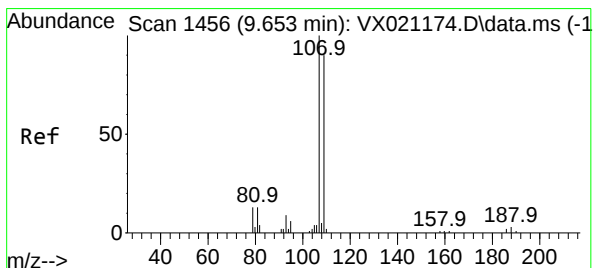
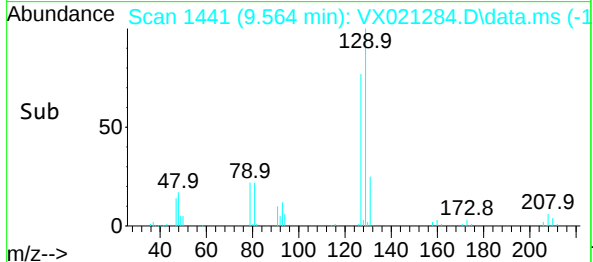
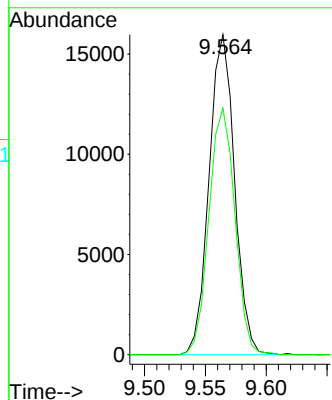
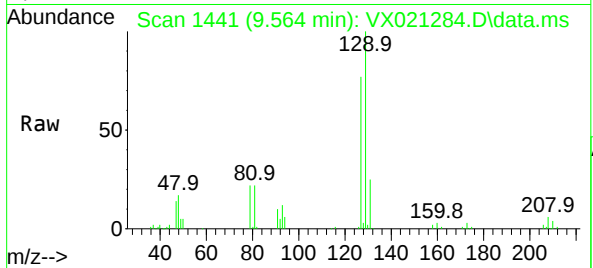




#53  
Dibromochloromethane  
Concen: 18.85 ug/l  
RT: 9.564 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

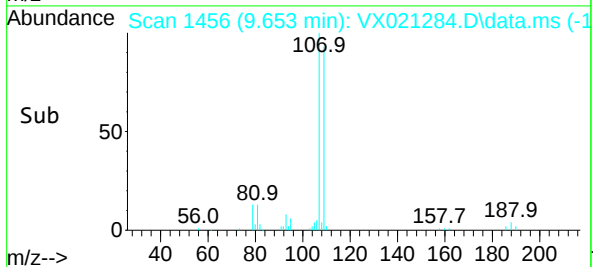
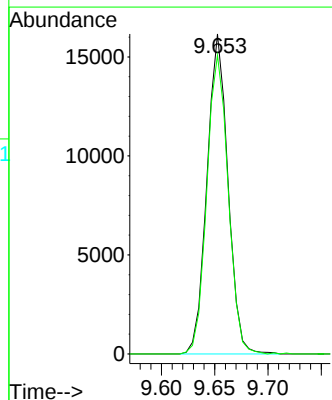
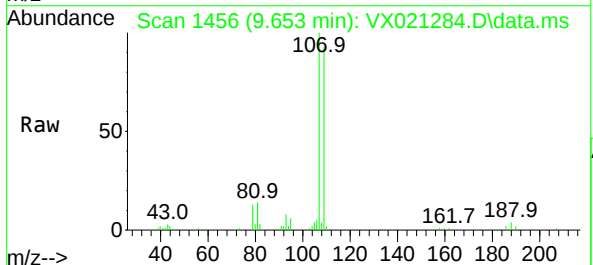
Instrument :  
MSVOA\_X  
ClientSampled :

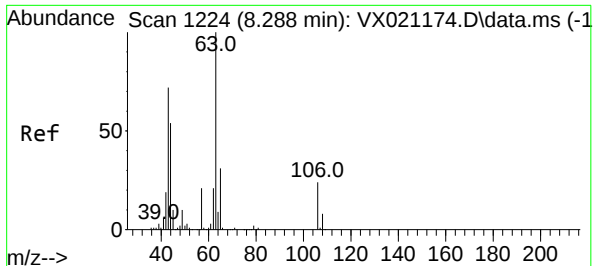
Tgt Ion:129 Resp: 23265  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.4 115.2



#54  
1,2-Dibromoethane  
Concen: 19.56 ug/l  
RT: 9.653 min Scan# 1456  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion:107 Resp: 22089  
Ion Ratio Lower Upper  
107 100  
109 95.0 73.6 110.4

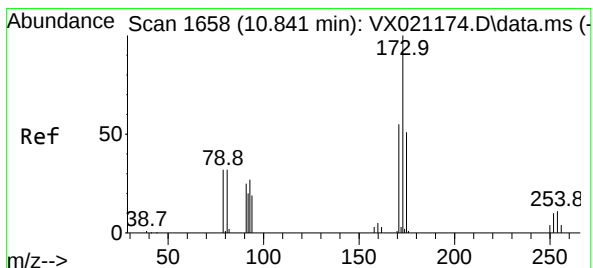
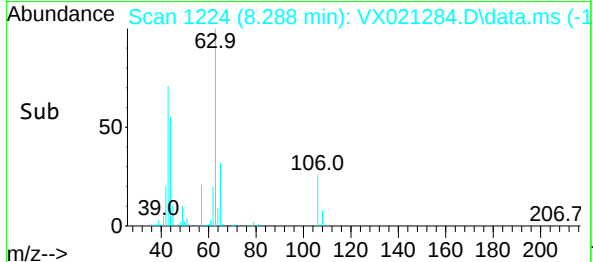
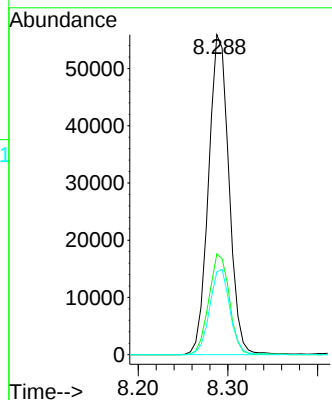
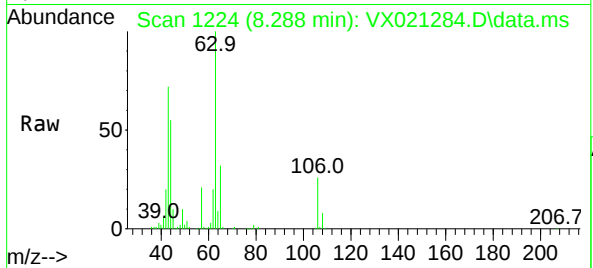




#55  
2-Chloroethyl vinyl ether  
Concen: 99.16 ug/l  
RT: 8.288 min Scan# 1224  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

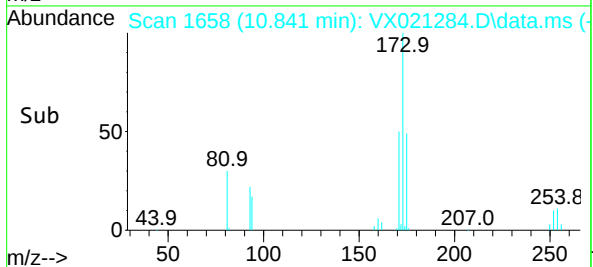
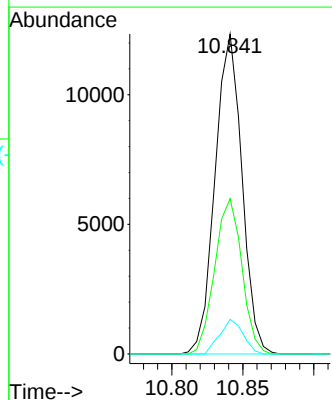
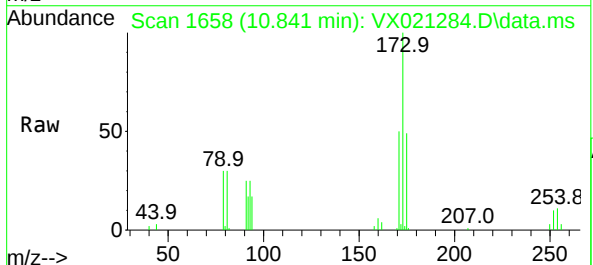
Instrument :  
MSVOA\_X  
ClientSampled :

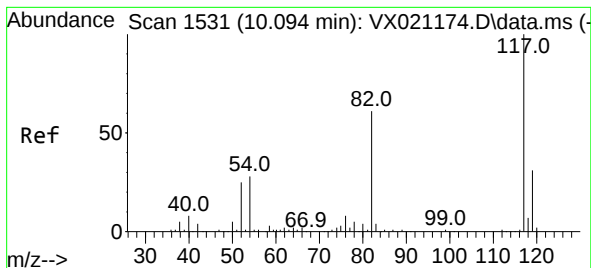
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 88292 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 31.5  | 25.9  | 38.9  |
| 106      | 26.5  | 23.9  | 35.9  |



#56  
Bromoform  
Concen: 18.62 ug/l  
RT: 10.841 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 16232 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 48.9  | 38.1  | 57.1  |
| 254      | 9.4   | 8.2   | 12.4  |

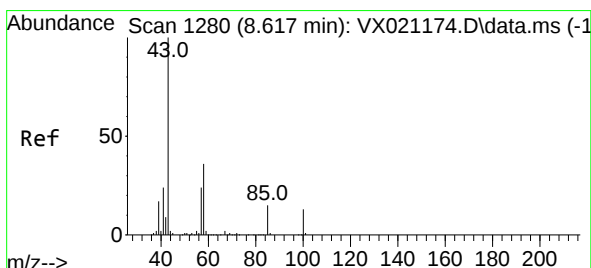
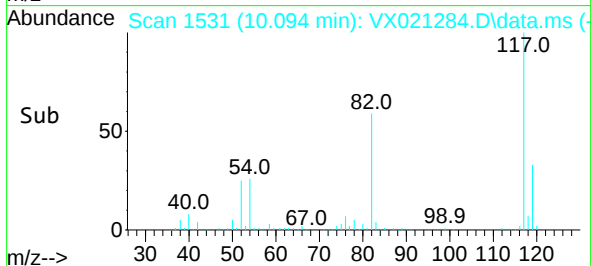
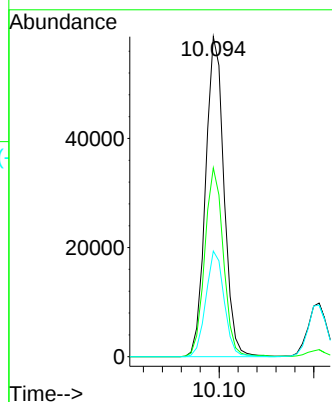
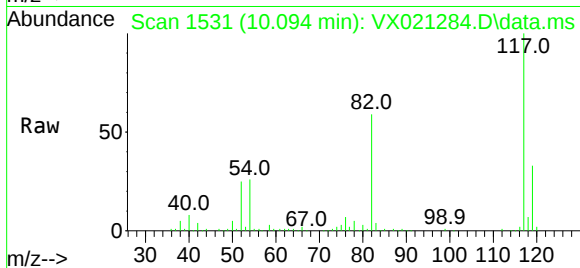




#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

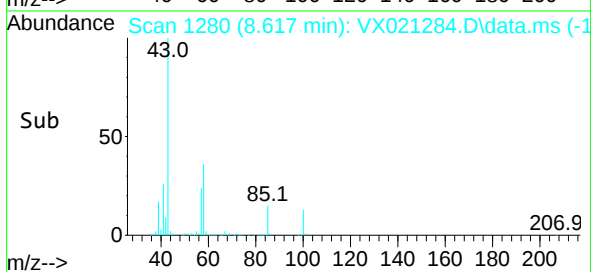
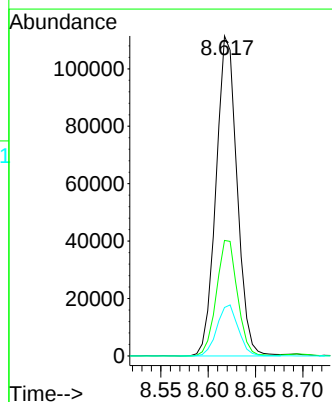
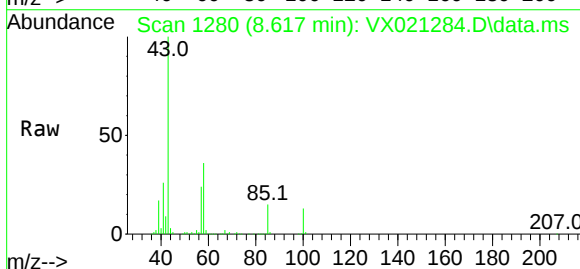
Instrument :  
MSVOA\_X  
ClientSampleId :

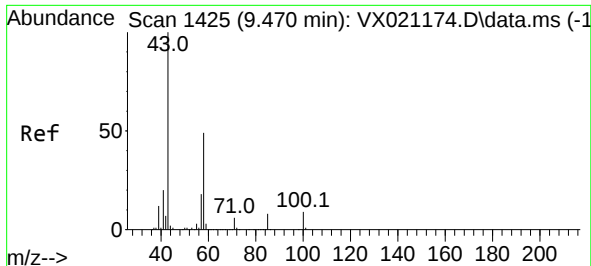
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:117 | Resp: | 79074     |
| Ion Ratio   | Lower | Upper     |
| 117         | 100   |           |
| 82          | 59.5  | 45.0 67.6 |
| 119         | 32.9  | 25.6 38.4 |



#58  
4-Methyl-2-Pentanone  
Concen: 107.46 ug/l  
RT: 8.617 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 43 | Resp: | 172052     |
| Ion Ratio   | Lower | Upper      |
| 43          | 100   |            |
| 58          | 36.3  | 35.2 52.8  |
| 85          | 16.1  | 16.8 25.2# |

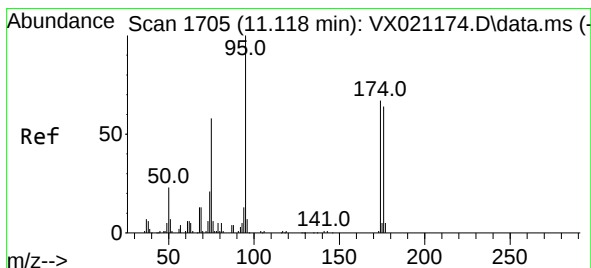
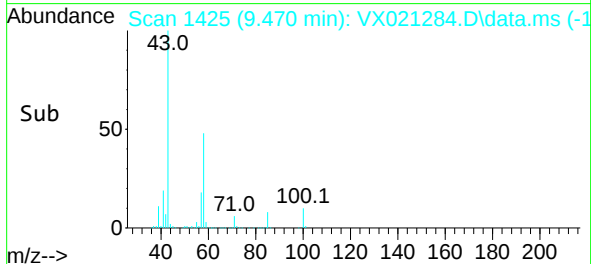
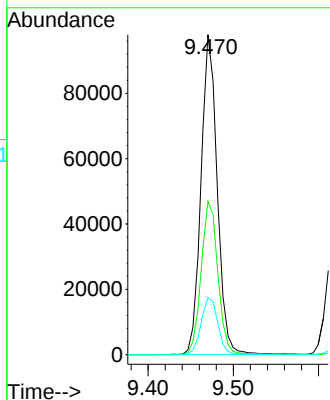
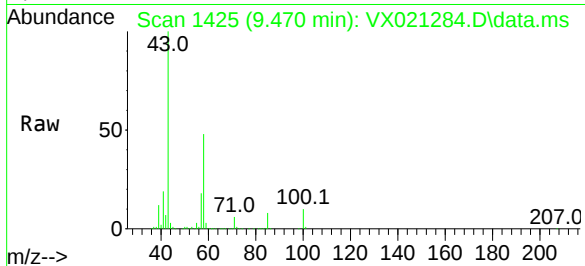




#59  
2-Hexanone  
Concen: 107.01 ug/l  
RT: 9.470 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

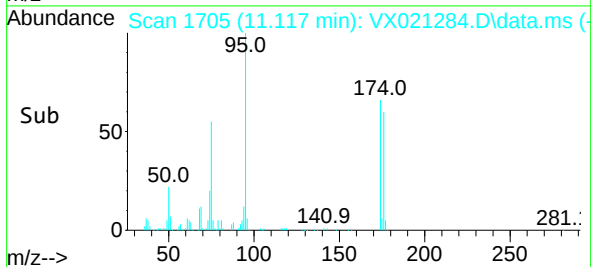
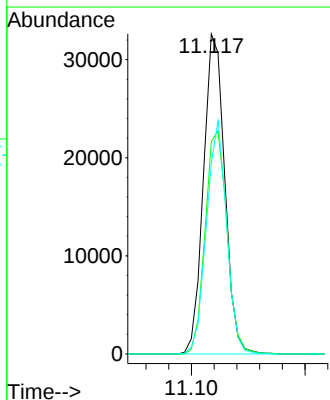
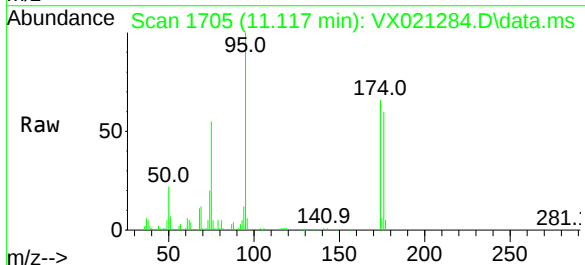
Instrument :  
MSVOA\_X  
ClientSampled :

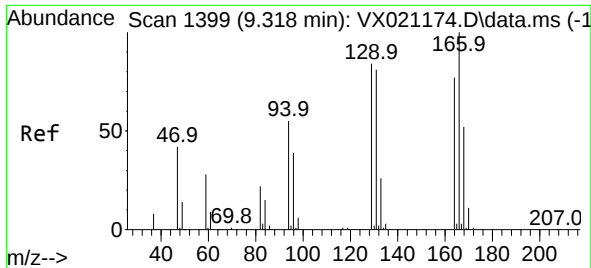
Tgt Ion: 43 Resp: 129107  
Ion Ratio Lower Upper  
43 100  
58 49.8 49.0 73.6  
57 18.6 17.1 25.7



#60  
4-Bromofluorobenzene  
Concen: 29.32 ug/l  
RT: 11.117 min Scan# 1705  
Delta R.T. -0.001 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

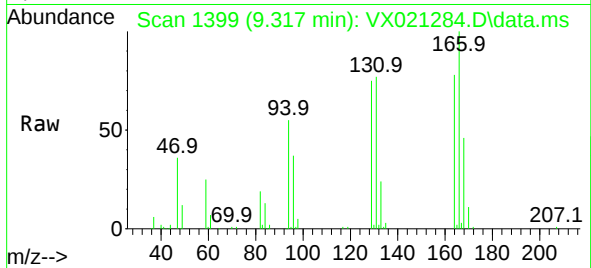
Tgt Ion: 95 Resp: 42393  
Ion Ratio Lower Upper  
95 100  
174 71.6 63.0 94.4  
176 69.0 59.9 89.9



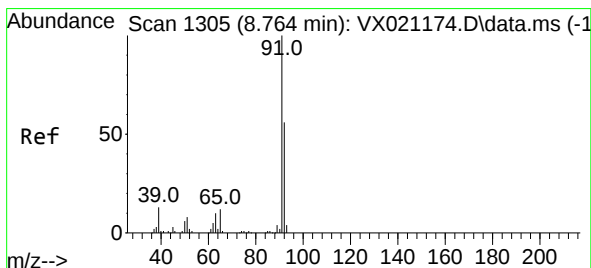
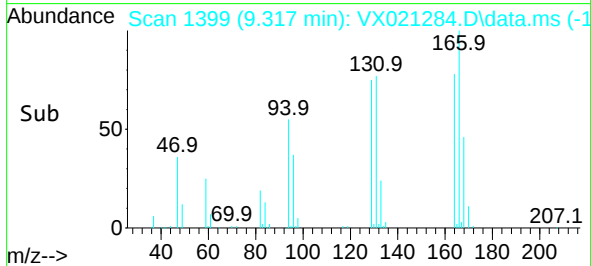
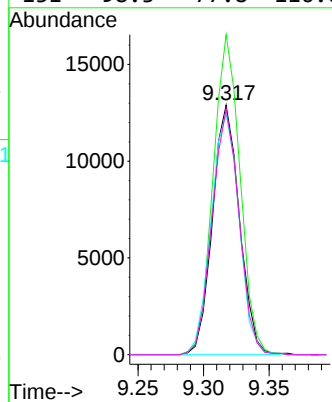


#61  
Tetrachloroethene  
Concen: 18.01 ug/l  
RT: 9.317 min Scan# 1399  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Instrument :  
MSVOA\_X  
ClientSampleId :

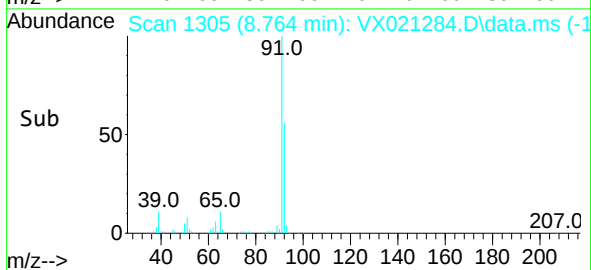
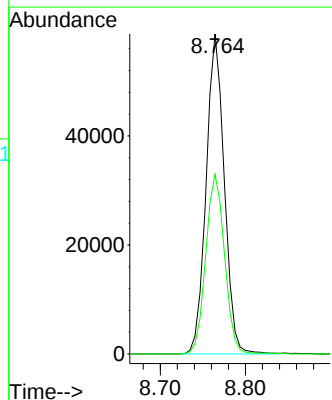
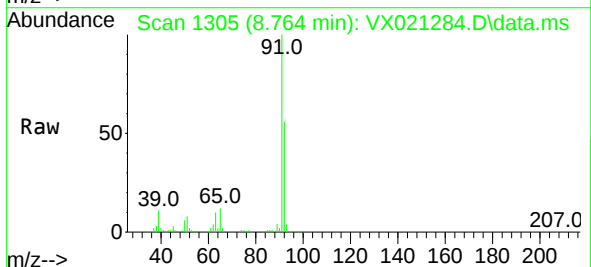


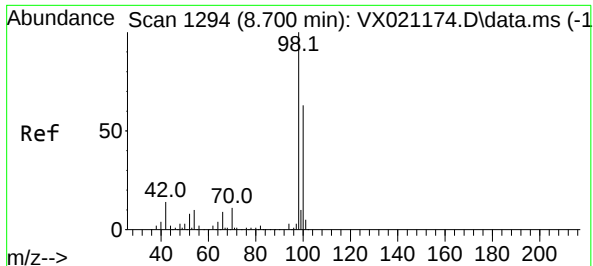
Tgt Ion:164 Resp: 18452  
Ion Ratio Lower Upper  
164 100  
166 128.2 102.8 154.2  
129 96.3 75.8 113.8  
131 98.3 77.8 116.6



#62  
Toluene  
Concen: 19.82 ug/l  
RT: 8.764 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 91 Resp: 86887  
Ion Ratio Lower Upper  
91 100  
92 58.1 47.2 70.8

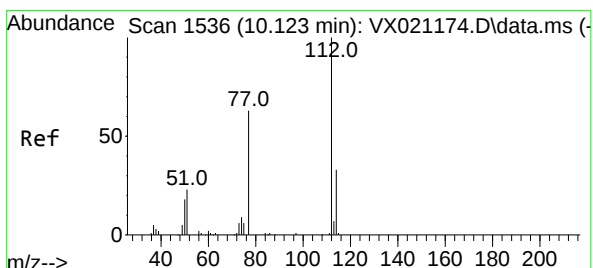
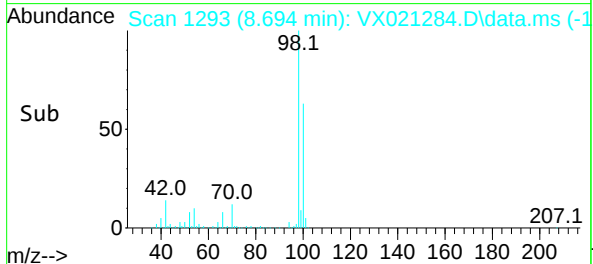
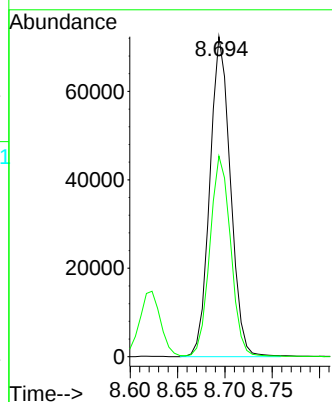
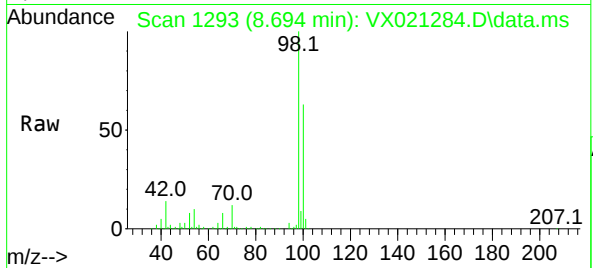




#63  
Toluene-d8  
Concen: 30.55 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

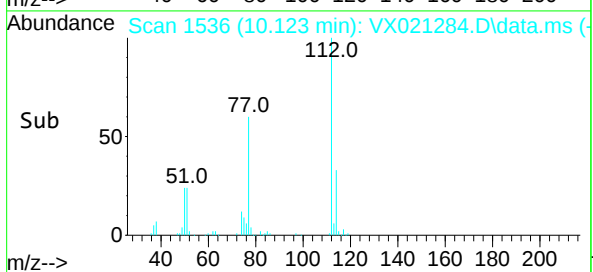
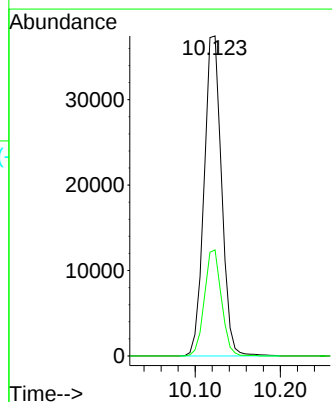
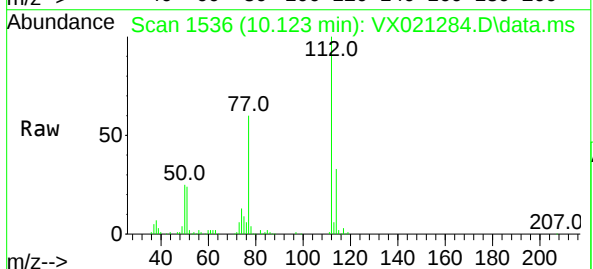
Instrument :  
MSVOA\_X  
ClientSampled :

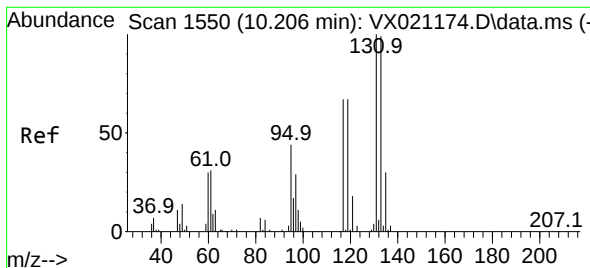
Tgt Ion: 98 Resp: 109610  
Ion Ratio Lower Upper  
98 100  
100 63.4 53.0 79.4



#64  
Chlorobenzene  
Concen: 19.71 ug/l  
RT: 10.123 min Scan# 1536  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 112 Resp: 53380  
Ion Ratio Lower Upper  
112 100  
114 33.1 25.7 38.5

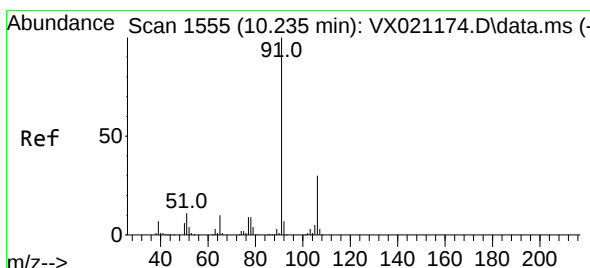
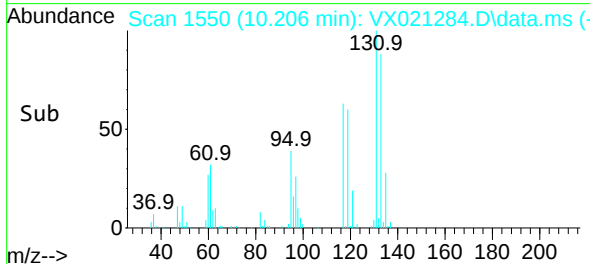
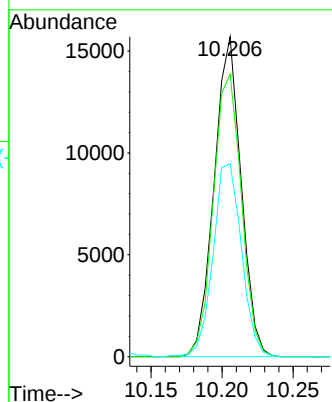
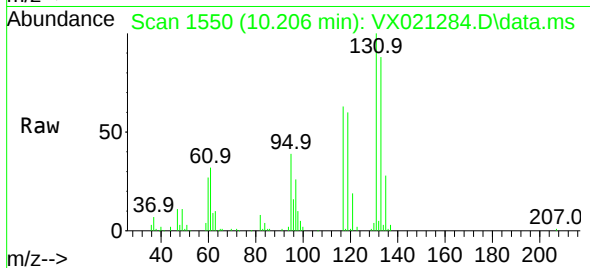




#65  
1,1,1,2-Tetrachloroethane  
Concen: 20.17 ug/l  
RT: 10.206 min Scan# 1550  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

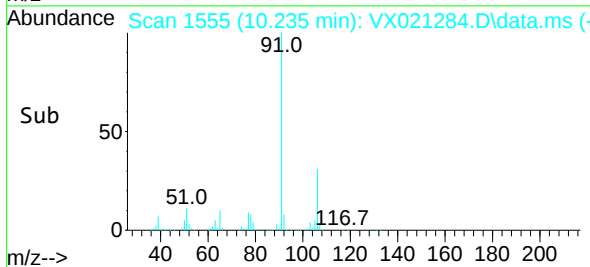
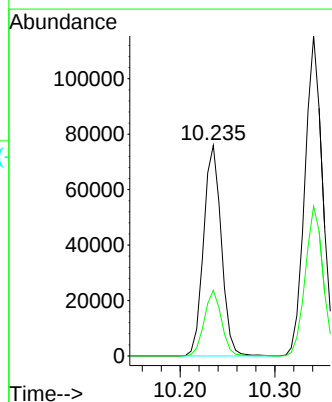
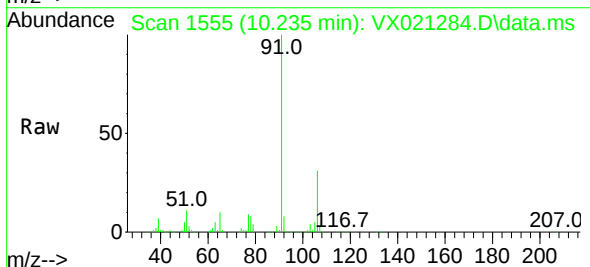
Instrument :  
MSVOA\_X  
ClientSampled :

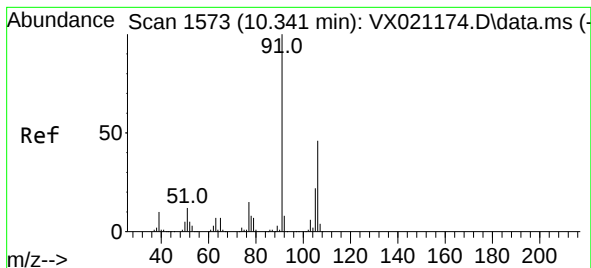
Tgt Ion:131 Resp: 20748  
Ion Ratio Lower Upper  
131 100  
133 91.9 0.0 189.6  
119 63.5 0.0 129.0



#66  
Ethyl Benzene  
Concen: 19.60 ug/l  
RT: 10.235 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 91 Resp: 98807  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.0 37.4

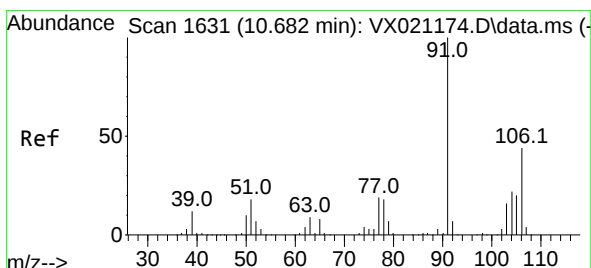
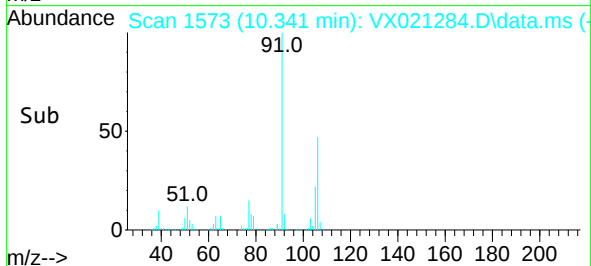
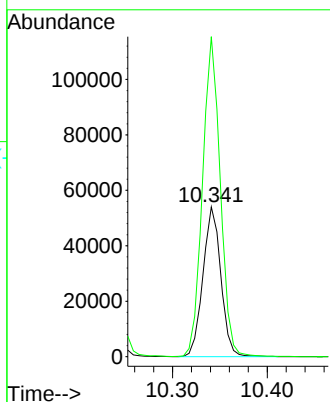
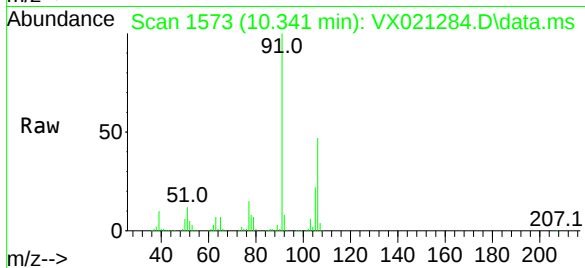




#67  
m/p-Xylenes  
Concen: 39.07 ug/l  
RT: 10.341 min Scan# 1573  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

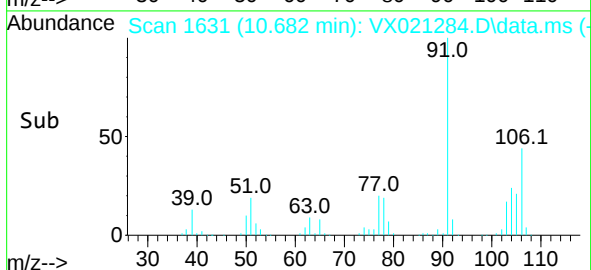
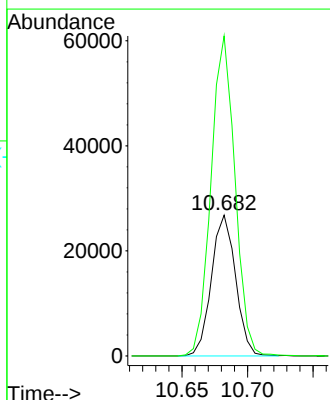
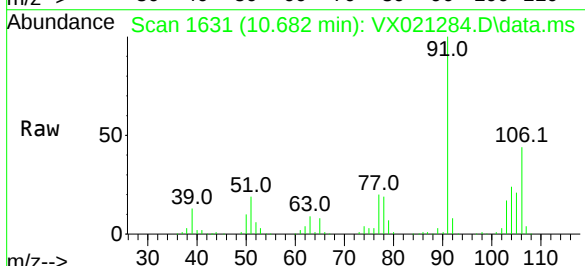
Instrument :  
MSVOA\_X  
ClientSampled :

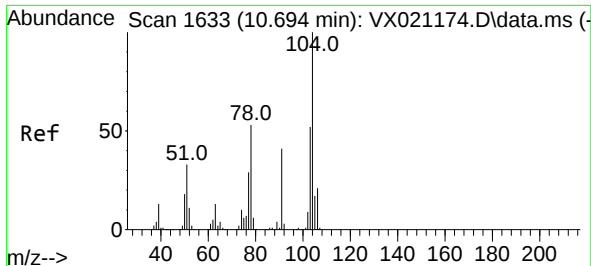
Tgt Ion:106 Resp: 70906  
Ion Ratio Lower Upper  
106 100  
91 212.0 164.0 246.0



#68  
o-Xylene  
Concen: 19.60 ug/l  
RT: 10.682 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion:106 Resp: 34429  
Ion Ratio Lower Upper  
106 100  
91 225.0 106.5 319.6





#69

Styrene

Concen: 19.63 ug/l

RT: 10.694 min Scan# 1633

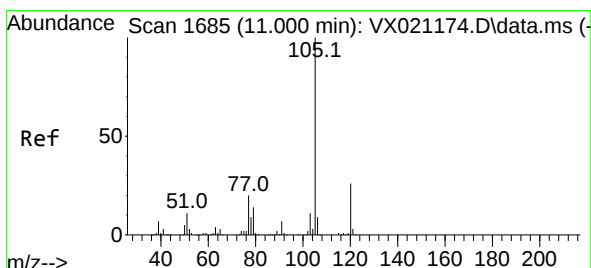
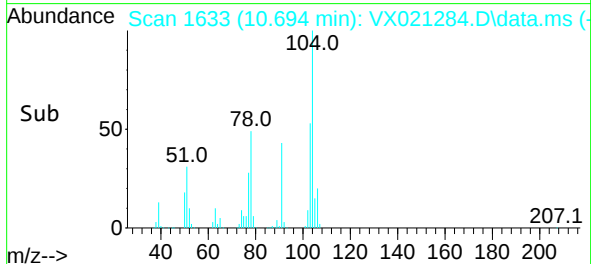
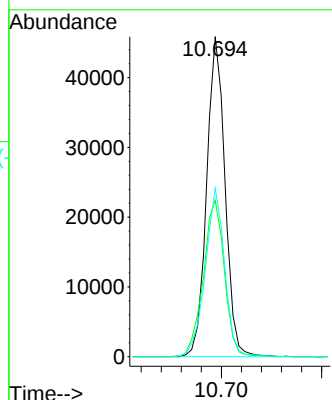
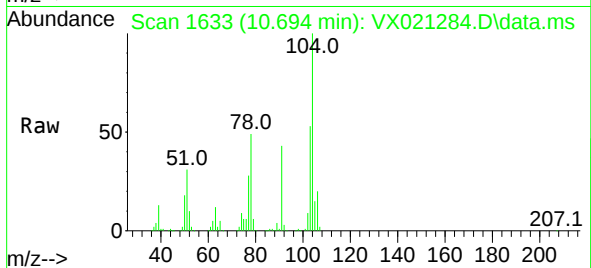
Delta R.T. -0.000 min

Lab File: VX021284.D

Acq: 18 Mar 2021 17:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 104   | Resp: | 58505 |
| Ion Ratio | Lower | Upper |       |
| 104       | 100   |       |       |
| 78        | 55.9  | 39.2  | 58.8  |
| 103       | 55.8  | 43.0  | 64.4  |

Instrument :  
MSVOA\_X  
ClientSampled :



#70

Isopropylbenzene

Concen: 19.93 ug/l

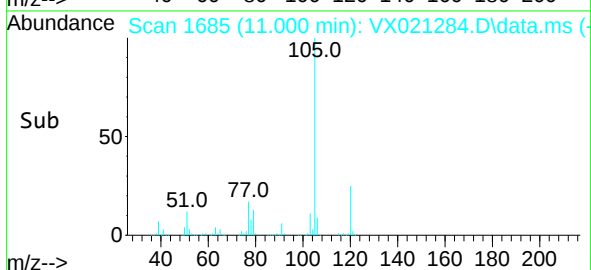
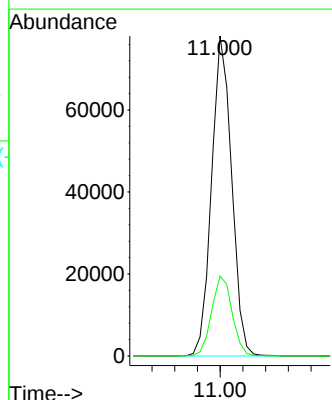
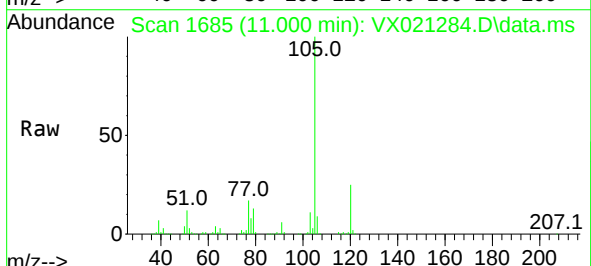
RT: 11.000 min Scan# 1685

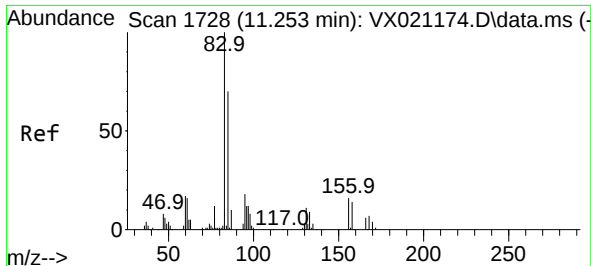
Delta R.T. -0.000 min

Lab File: VX021284.D

Acq: 18 Mar 2021 17:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 95733 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 25.5  | 18.4  | 34.2  |

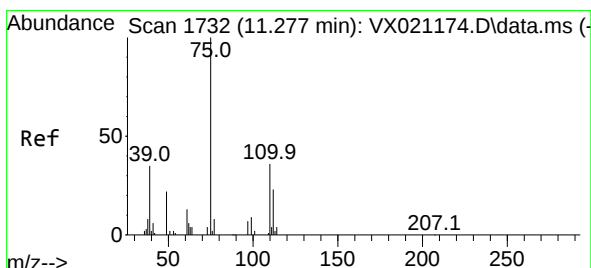
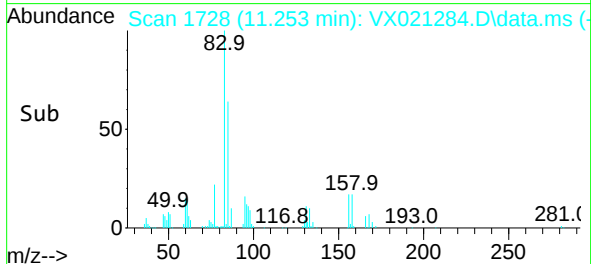
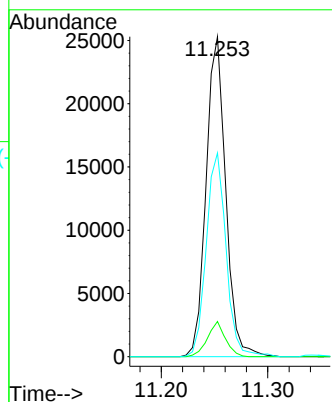
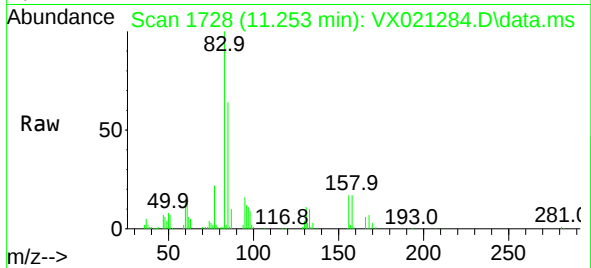




#71  
1,1,2,2-Tetrachloroethane  
Concen: 21.30 ug/l  
RT: 11.253 min Scan# 1728  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

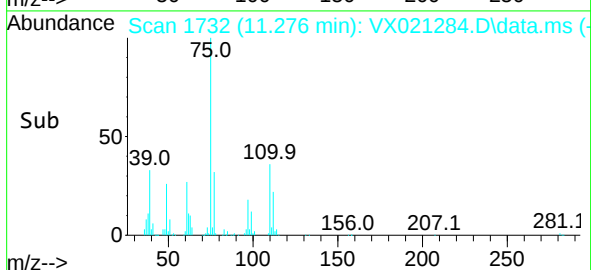
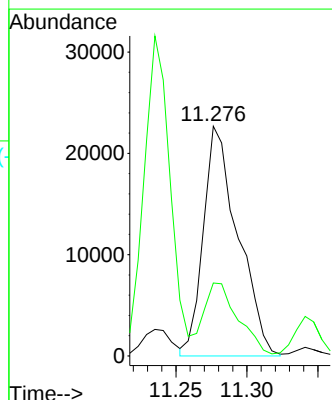
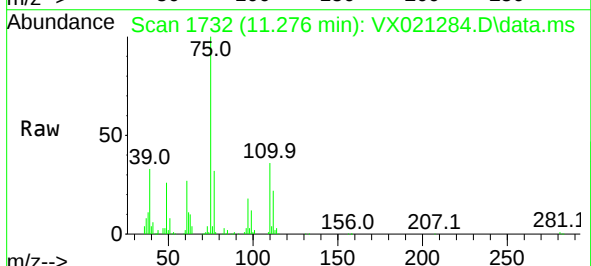
Instrument :  
MSVOA\_X  
ClientSampleId :

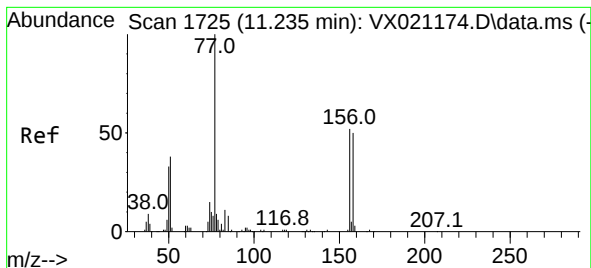
Tgt Ion: 83 Resp: 32448  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.1 15.3  
85 64.5 32.0 96.0



#72  
1,2,3-Trichloropropane  
Concen: 24.83 ug/l  
RT: 11.276 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 75 Resp: 38511  
Ion Ratio Lower Upper  
75 100  
77 32.3 0.0 74.6

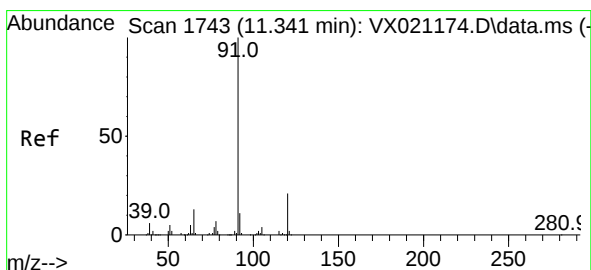
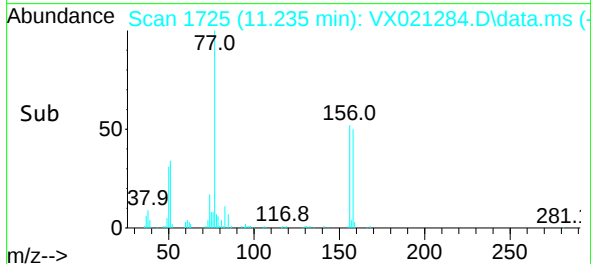
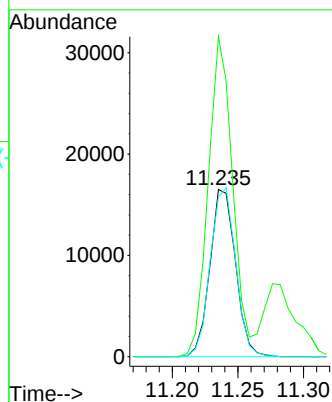
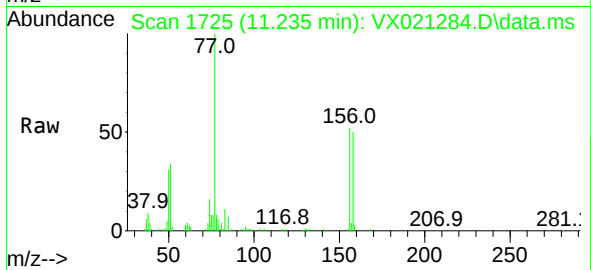




#73  
Bromobenzene  
Concen: 19.69 ug/l  
RT: 11.235 min Scan# 1725  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

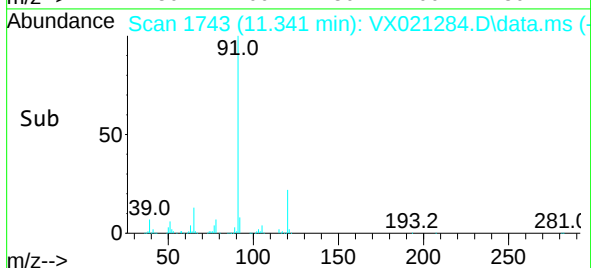
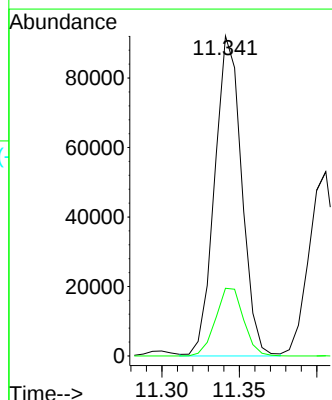
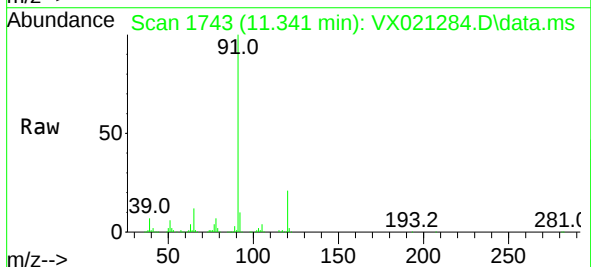
Instrument :  
MSVOA\_X  
ClientSampleId :

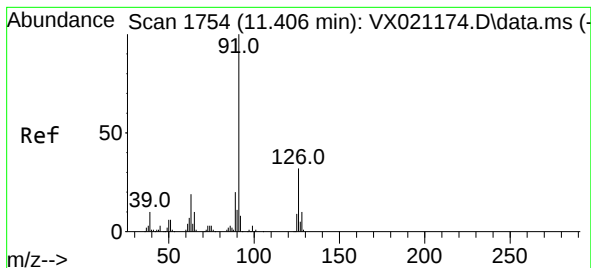
Tgt Ion:156 Resp: 22420  
Ion Ratio Lower Upper  
156 100  
77 181.2 0.0 324.8  
158 100.1 0.0 192.0



#74  
n-propylbenzene  
Concen: 19.56 ug/l  
RT: 11.341 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 91 Resp: 111615  
Ion Ratio Lower Upper  
91 100  
120 22.0 0.0 45.8

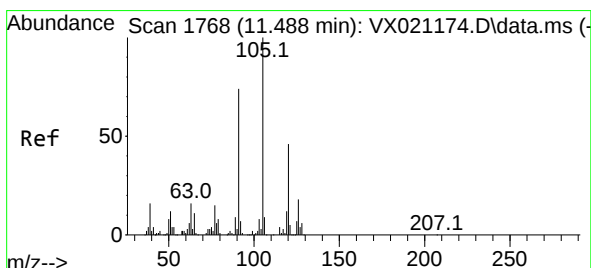
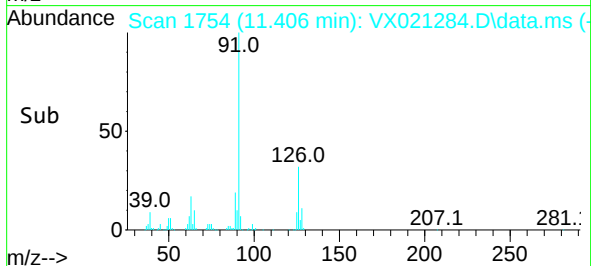
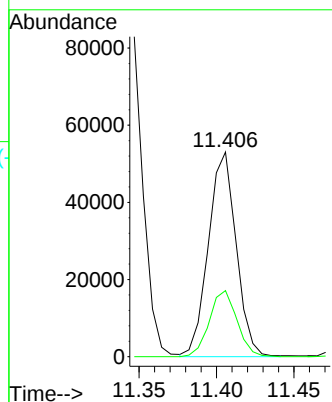
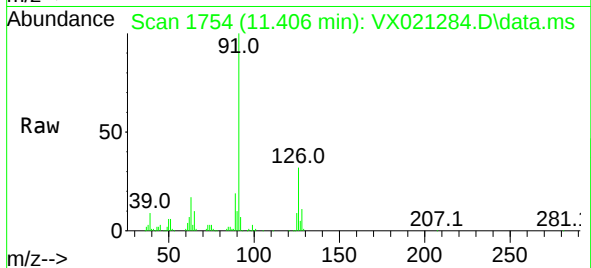




#75  
2-Chlorotoluene  
Concen: 19.31 ug/l  
RT: 11.406 min Scan# 1754  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

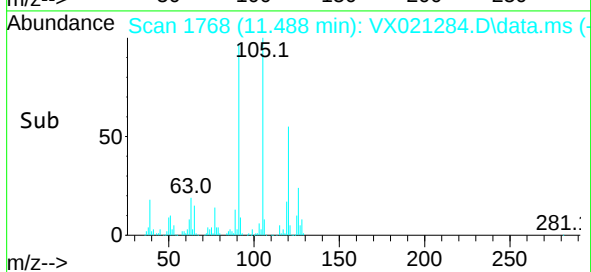
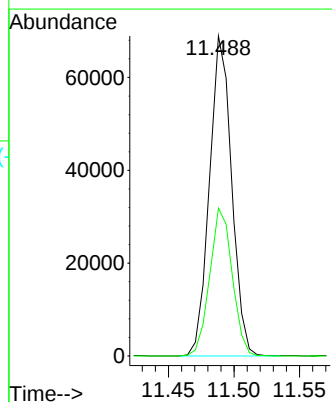
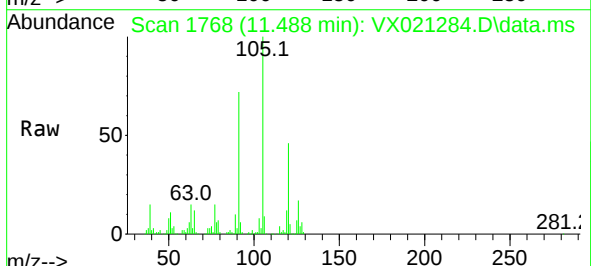
Instrument :  
MSVOA\_X  
ClientSampled :

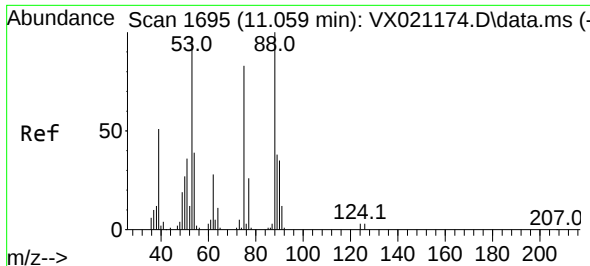
Tgt Ion: 91 Resp: 66341  
Ion Ratio Lower Upper  
91 100  
126 32.0 0.0 66.6



#76  
1,3,5-Trimethylbenzene  
Concen: 19.87 ug/l  
RT: 11.488 min Scan# 1768  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 105 Resp: 81183  
Ion Ratio Lower Upper  
105 100  
120 46.7 0.0 96.2

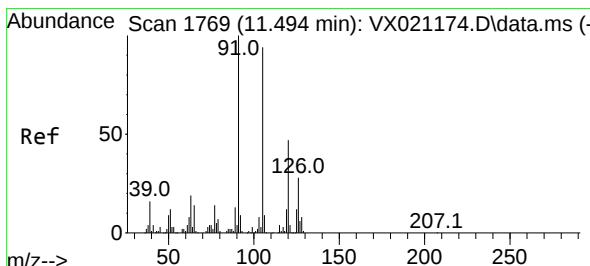
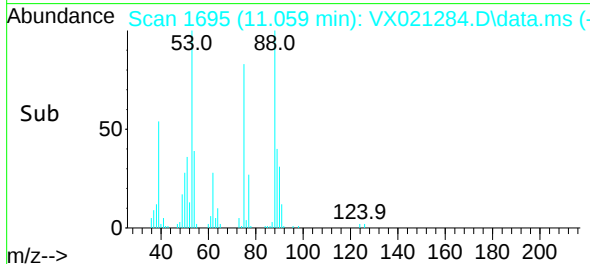
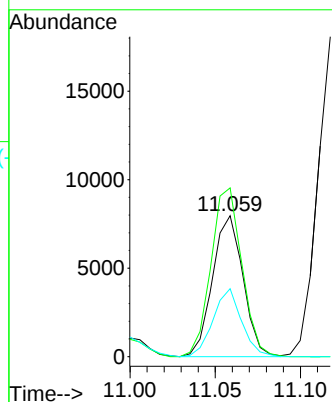
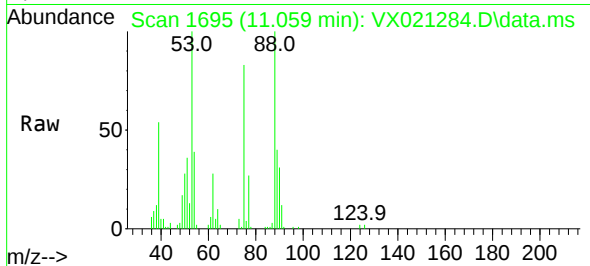




#77  
t-1,4-Dichloro-2-butene  
Concen: 19.51 ug/l  
RT: 11.059 min Scan# 1695  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

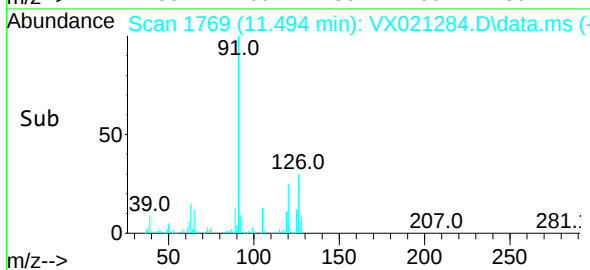
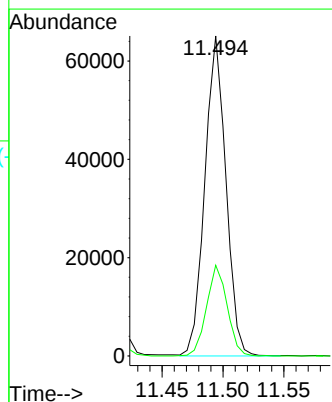
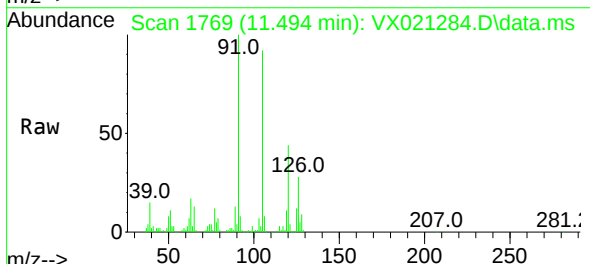
Instrument :  
MSVOA\_X  
ClientSampleId :

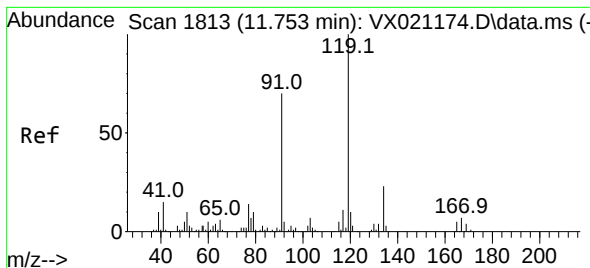
Tgt Ion: 75 Resp: 9940  
Ion Ratio Lower Upper  
75 100  
53 119.7 48.4 145.0  
89 48.2 22.7 68.0



#78  
4-Chlorotoluene  
Concen: 19.59 ug/l  
RT: 11.494 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 91 Resp: 78366  
Ion Ratio Lower Upper  
91 100  
126 27.6 0.0 57.8

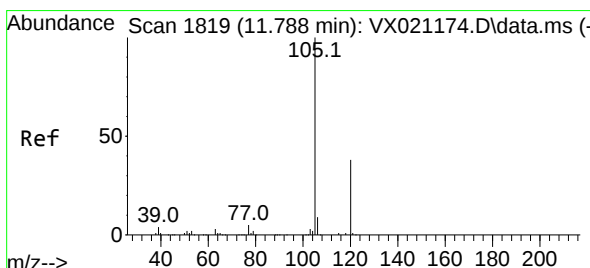
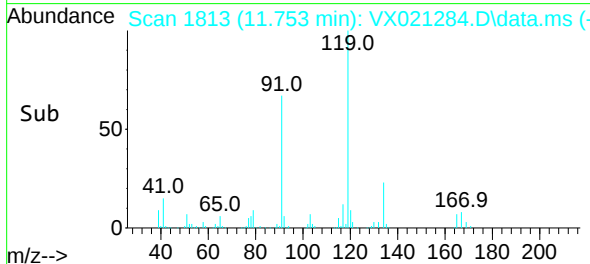
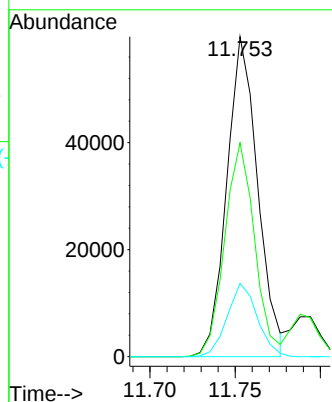
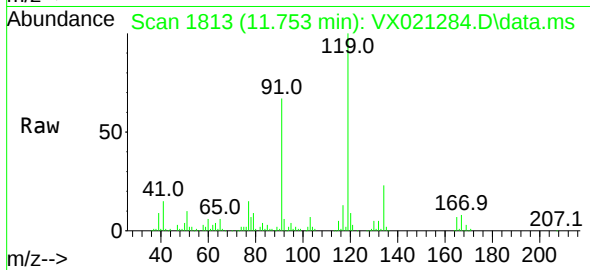




#79  
tert-butylbenzene  
Concen: 19.92 ug/l  
RT: 11.753 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

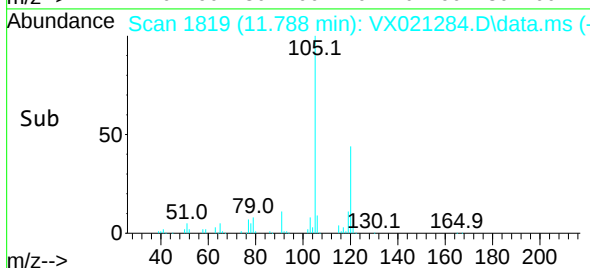
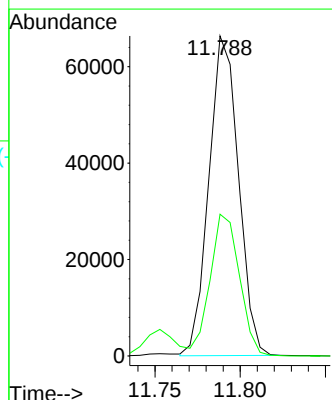
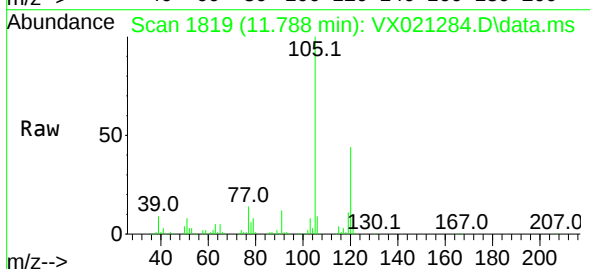
Instrument :  
MSVOA\_X  
ClientSampleId :

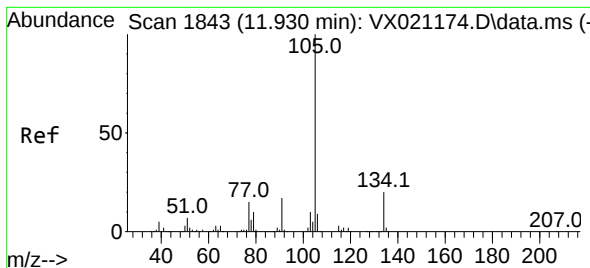
Tgt Ion:119 Resp: 75421  
Ion Ratio Lower Upper  
119 100  
91 64.9 0.0 118.0  
134 22.4 0.0 48.0



#80  
1,2,4-Trimethylbenzene  
Concen: 19.53 ug/l  
RT: 11.788 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion:105 Resp: 80145  
Ion Ratio Lower Upper  
105 100  
120 43.9 0.0 89.8

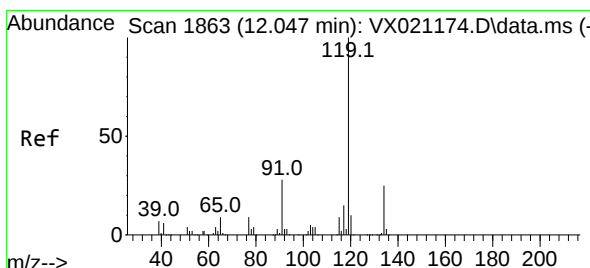
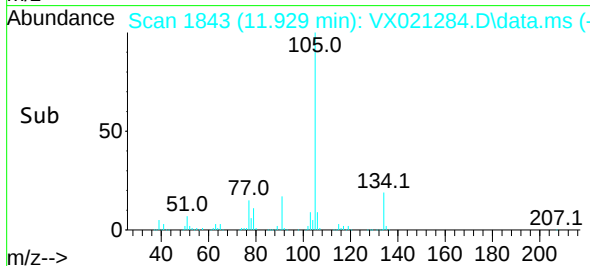
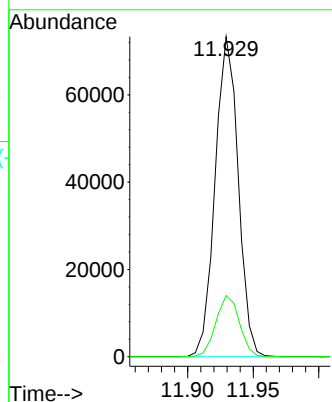
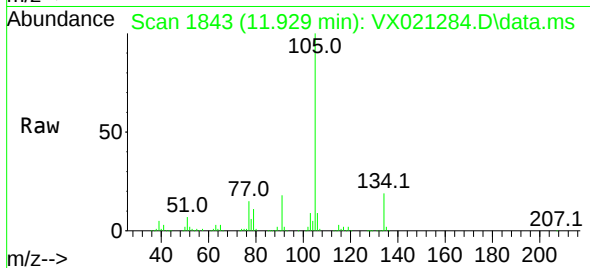




#81  
sec-Butylbenzene  
Concen: 19.65 ug/l  
RT: 11.929 min Scan# 1843  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

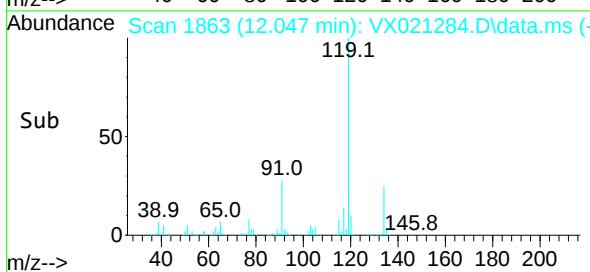
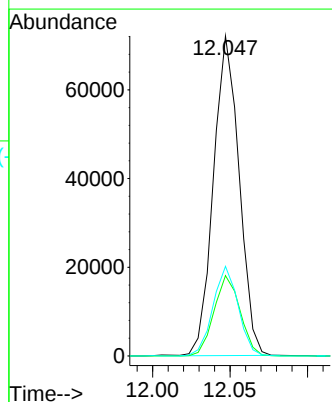
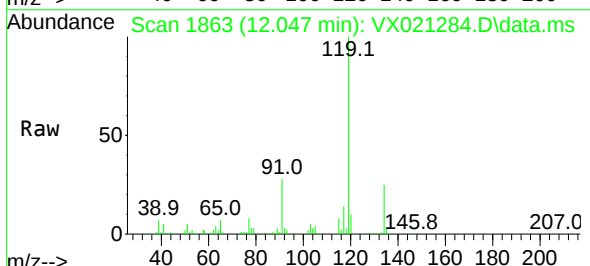
Instrument :  
MSVOA\_X  
ClientSampleId :

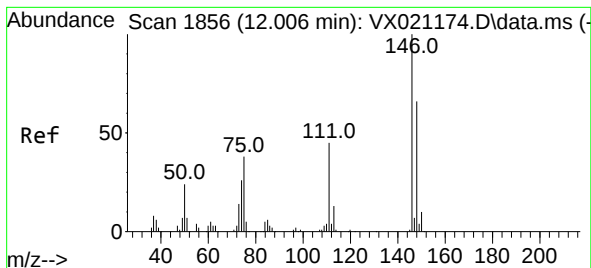
Tgt Ion:105 Resp: 89603  
Ion Ratio Lower Upper  
105 100  
134 19.4 0.0 39.6



#82  
p-Isopropyltoluene  
Concen: 20.04 ug/l  
RT: 12.047 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion:119 Resp: 83027  
Ion Ratio Lower Upper  
119 100  
134 25.5 0.0 52.8  
91 27.5 0.0 47.4

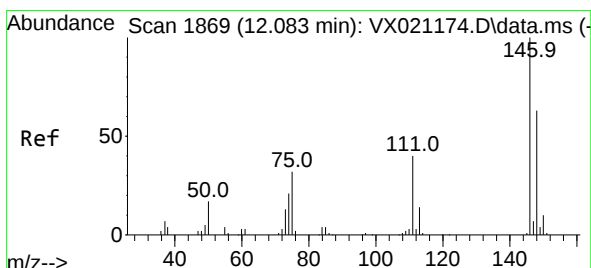
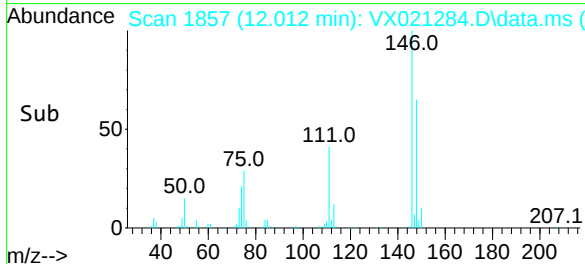
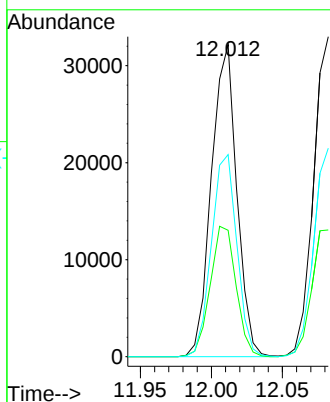
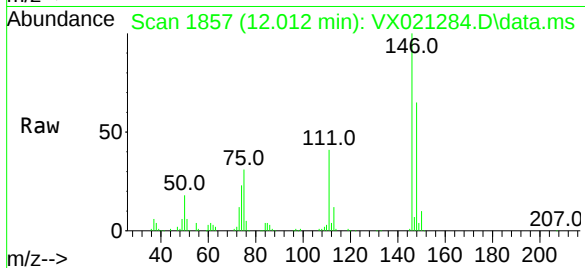




#83  
1,3-Dichlorobenzene  
Concen: 19.63 ug/l  
RT: 12.012 min Scan# 1857  
Delta R.T. 0.006 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

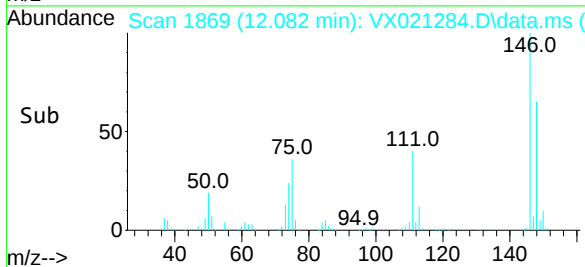
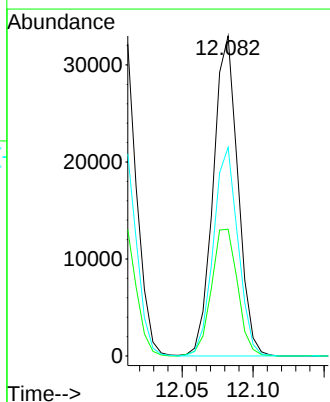
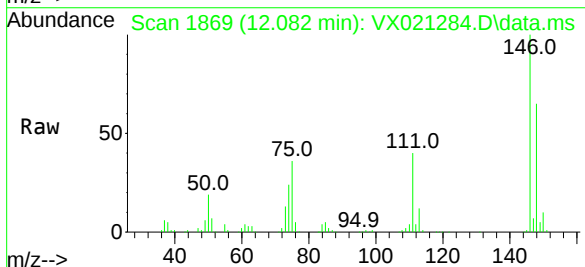
Instrument :  
MSVOA\_X  
ClientSampled :

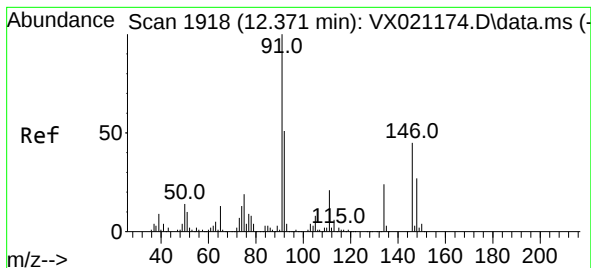
Tgt Ion:146 Resp: 39999  
Ion Ratio Lower Upper  
146 100  
111 42.6 20.3 60.9  
148 64.9 31.9 95.9



#84  
1,4-Dichlorobenzene  
Concen: 19.54 ug/l  
RT: 12.082 min Scan# 1869  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion:146 Resp: 39939  
Ion Ratio Lower Upper  
146 100  
111 41.8 19.1 57.3  
148 65.0 31.9 95.5

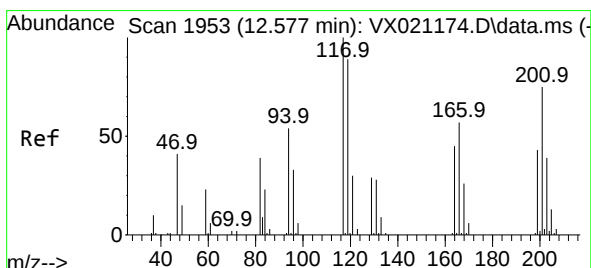
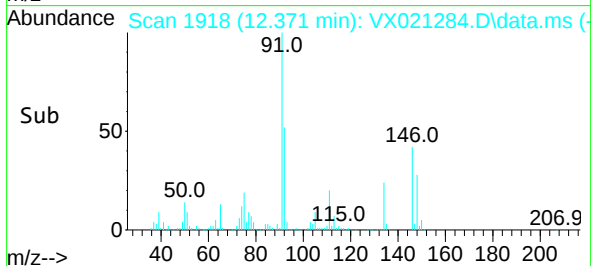
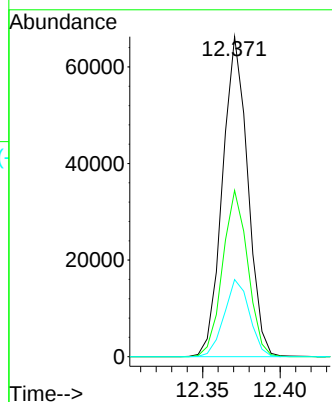
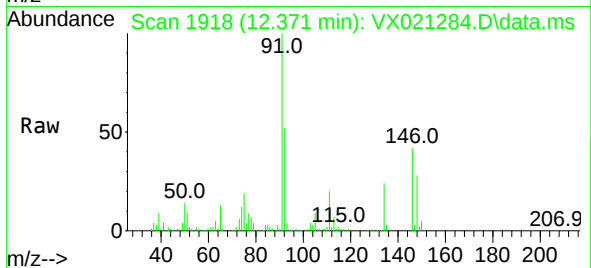




#85  
n-Butylbenzene  
Concen: 19.53 ug/l  
RT: 12.371 min Scan# 1918  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

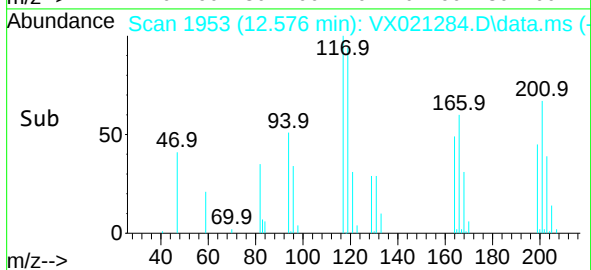
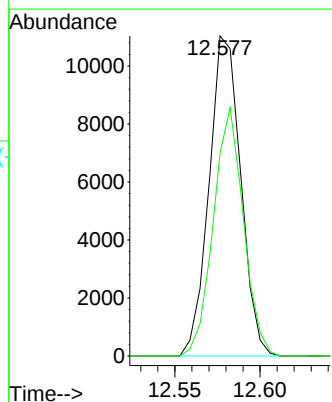
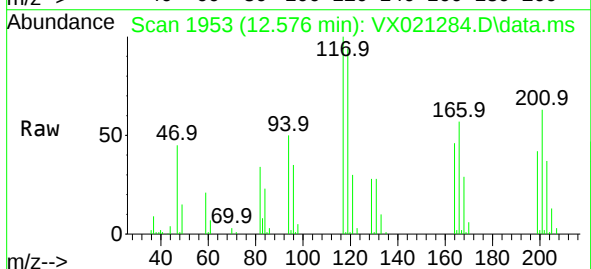
Instrument :  
MSVOA\_X  
ClientSampled :

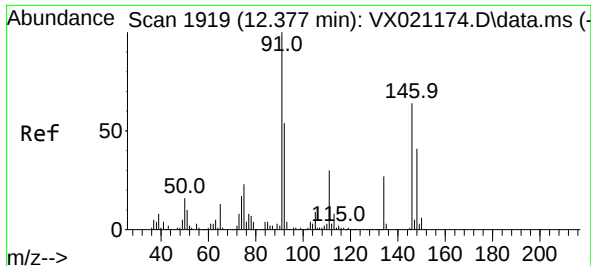
Tgt Ion: 91 Resp: 74993  
Ion Ratio Lower Upper  
91 100  
92 51.8 0.0 109.0  
134 24.2 0.0 51.8



#86  
Hexachloroethane  
Concen: 18.62 ug/l  
RT: 12.576 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 117 Resp: 14239  
Ion Ratio Lower Upper  
117 100  
201 73.8 40.5 121.4

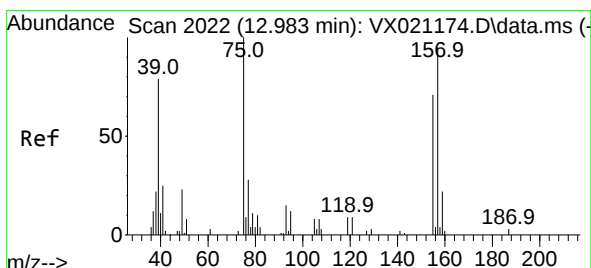
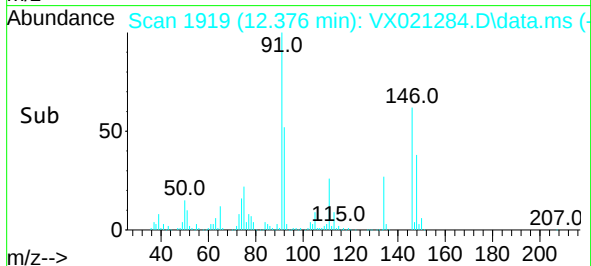
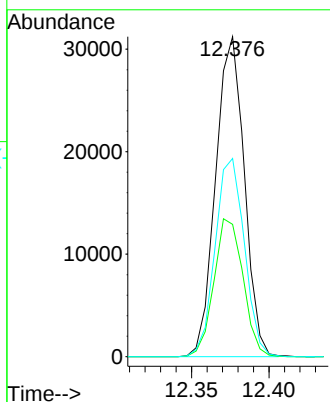
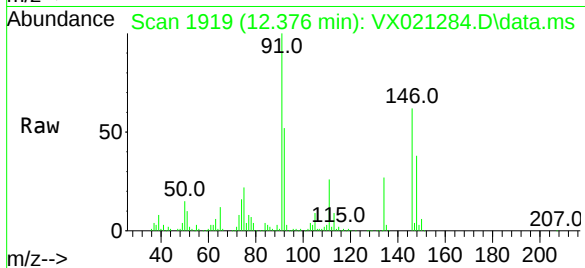




#87  
1,2-Dichlorobenzene  
Concen: 20.13 ug/l  
RT: 12.376 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

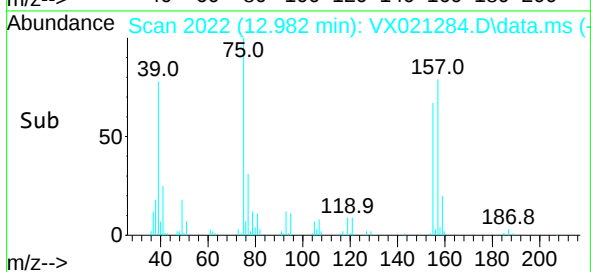
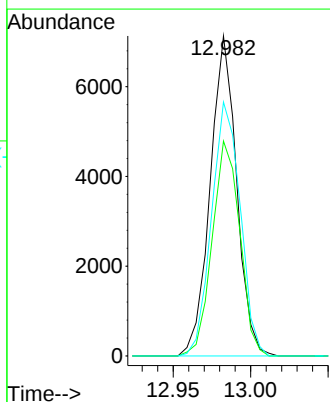
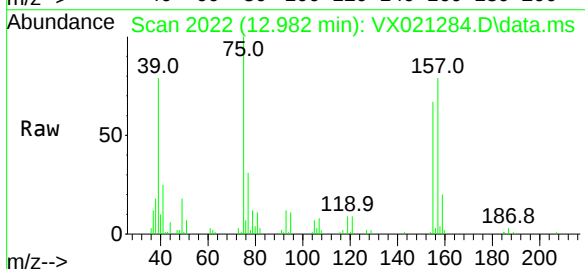
Instrument :  
MSVOA\_X  
ClientSampled :

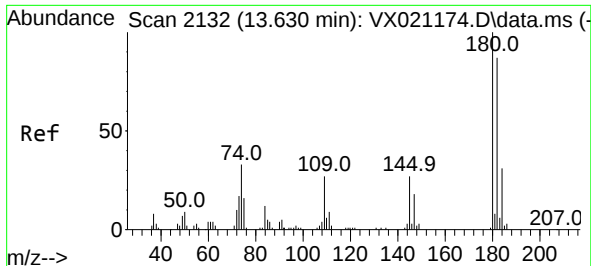
Tgt Ion:146 Resp: 40198  
Ion Ratio Lower Upper  
146 100  
111 43.7 20.8 62.5  
148 63.2 32.4 97.0



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 22.31 ug/l  
RT: 12.982 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion: 75 Resp: 8460  
Ion Ratio Lower Upper  
75 100  
155 69.9 68.9 103.3  
157 85.8 91.3 136.9#

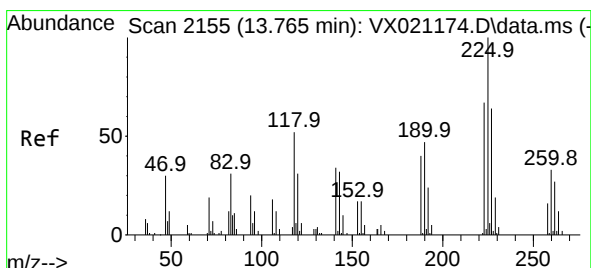
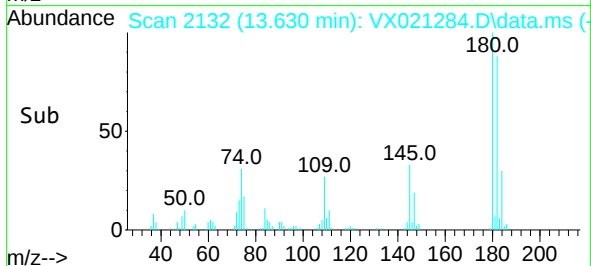
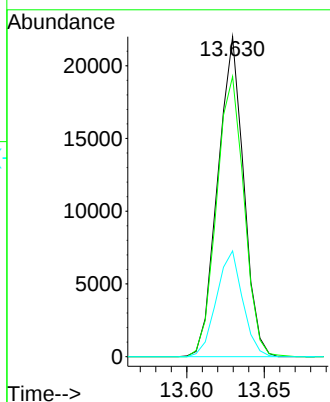
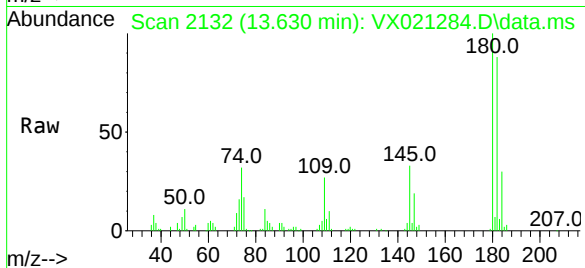




#89  
1,2,4-Trichlorobenzene  
Concen: 20.34 ug/l  
RT: 13.630 min Scan# 2132  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

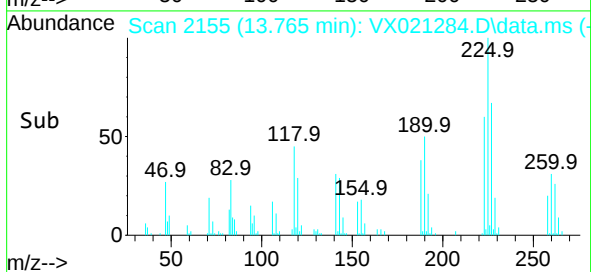
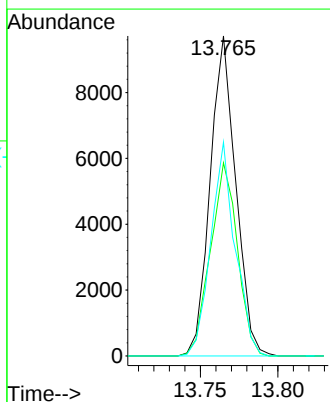
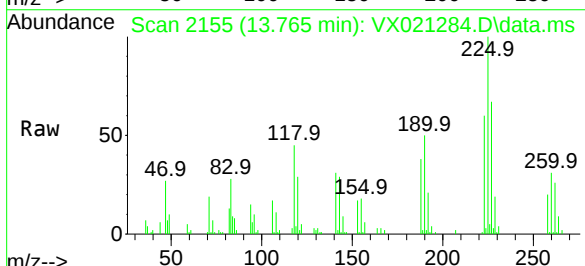
Instrument :  
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ClientSampled :

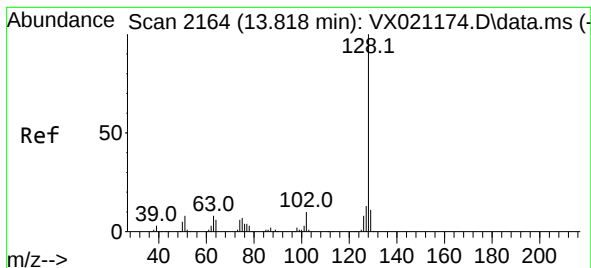
Tgt Ion:180 Resp: 25566  
Ion Ratio Lower Upper  
180 100  
182 92.6 77.9 116.9  
145 33.5 24.3 36.5



#90  
Hexachlorobutadiene  
Concen: 20.39 ug/l  
RT: 13.765 min Scan# 2155  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Tgt Ion:225 Resp: 11158  
Ion Ratio Lower Upper  
225 100  
223 63.6 0.0 129.4  
227 63.8 0.0 130.4

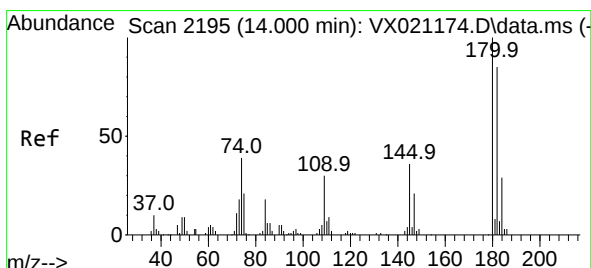
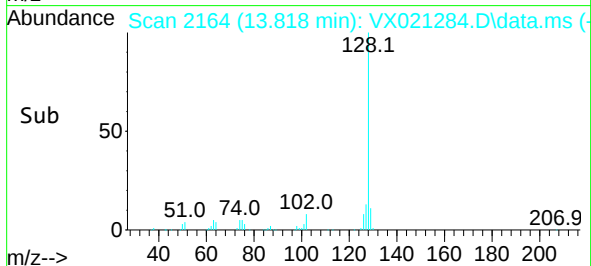
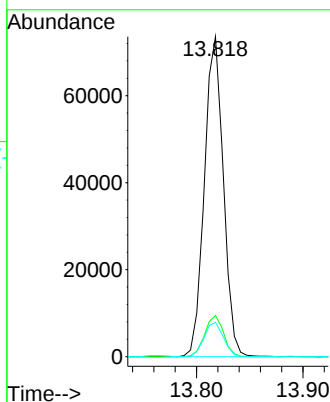
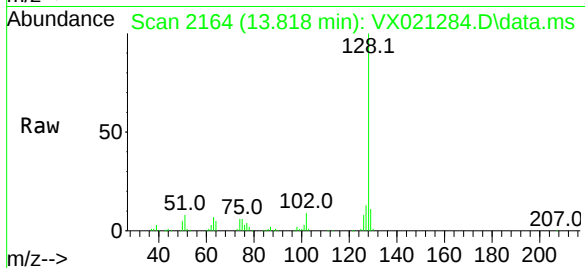




#91  
Naphthalene  
Concen: 22.41 ug/l  
RT: 13.818 min Scan# 2164  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

Instrument :  
MSVOA\_X  
ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 91035 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 12.8  | 10.2  | 15.4  |
| 129       | 11.0  | 8.8   | 13.2  |



#92  
1,2,3-Trichlorobenzene  
Concen: 22.22 ug/l  
RT: 14.000 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: VX021284.D  
Acq: 18 Mar 2021 17:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 27174 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 90.7  | 0.0   | 192.4 |
| 145       | 34.0  | 0.0   | 66.4  |

