

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042822\  
 Data File : VX028396.D  
 Acq On : 28 Apr 2022 12:58  
 Operator : JC/MD  
 Sample : VX0428MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0428MBS01

Quant Time: Apr 29 04:07:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 19 13:38:04 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 326719   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 521250   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 494824   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 258462   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 203794   | 47.839   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 95.680% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 181232   | 49.578   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 99.160% |
| 50) Toluene-d8              | 8.653  | 98    | 666448   | 47.468   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 94.940% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 247413   | 46.088   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 92.180% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 54618  | 25.897  | ug/l   | 98  |
| 3) Chloromethane             | 1.294 | 50  | 51802  | 23.064  | ug/l   | 98  |
| 4) Vinyl Chloride            | 1.374 | 62  | 62328  | 18.923  | ug/l   | 99  |
| 5) Bromomethane              | 1.599 | 94  | 87066  | 25.690  | ug/l   | 100 |
| 6) Chloroethane              | 1.685 | 64  | 44471  | 16.707  | ug/l   | 94  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 118774 | 16.353  | ug/l   | 97  |
| 8) Diethyl Ether             | 2.136 | 74  | 43277  | 17.826  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 61092  | 23.091  | ug/l   | 98  |
| 10) Methyl Iodide            | 2.453 | 142 | 69958  | 22.545  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 2.959 | 59  | 88158  | 102.186 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 55160  | 21.968  | ug/l   | 96  |
| 13) Acrolein                 | 2.233 | 56  | 54487  | 104.363 | ug/l   | 95  |
| 14) Allyl chloride           | 2.666 | 41  | 77164  | 18.315  | ug/l   | 92  |
| 15) Acrylonitrile            | 3.062 | 53  | 170578 | 98.257  | ug/l   | 98  |
| 16) Acetone                  | 2.380 | 43  | 143308 | 109.354 | ug/l   | 95  |
| 17) Carbon Disulfide         | 2.514 | 76  | 106323 | 15.724  | ug/l   | 98  |
| 18) Methyl Acetate           | 2.703 | 43  | 75087  | 19.824  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 204250 | 19.507  | ug/l   | 96  |
| 20) Methylene Chloride       | 2.788 | 84  | 66393  | 21.005  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 62549  | 18.317  | ug/l   | 92  |
| 22) Diisopropyl ether        | 3.764 | 45  | 178786 | 18.631  | ug/l # | 88  |
| 23) Vinyl Acetate            | 3.721 | 43  | 772939 | 92.195  | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 110268 | 19.461  | ug/l   | 99  |
| 25) 2-Butanone               | 4.556 | 43  | 230145 | 91.220  | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 91419  | 16.525  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 78120  | 19.186  | ug/l   | 93  |
| 28) Bromochloromethane       | 4.904 | 49  | 52310  | 21.518  | ug/l   | 90  |
| 29) Tetrahydrofuran          | 5.007 | 42  | 146409 | 88.999  | ug/l   | 100 |
| 30) Chloroform               | 5.099 | 83  | 127031 | 18.668  | ug/l   | 97  |
| 31) Cyclohexane              | 5.471 | 56  | 89386  | 17.222  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 108340 | 17.582  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 86073  | 18.051  | ug/l   | 98  |
| 37) Ethyl Acetate            | 4.715 | 43  | 87786  | 18.144  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 94227  | 17.505  | ug/l   | 98  |
| 39) Methylcyclohexane        | 7.385 | 83  | 99394  | 16.521  | ug/l   | 96  |
| 40) Benzene                  | 6.044 | 78  | 264088 | 18.921  | ug/l   | 99  |

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 Sample : VX0428MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0428MBS01

Quant Time: Apr 29 04:07:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 19 13:38:04 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 47943    | 19.206  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 95044    | 18.344  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.342  | 43   | 136378   | 17.319  | ug/l   | 98       |
| 44) Trichloroethene           | 7.129  | 130  | 77287    | 19.095  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 64385    | 18.845  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 50008    | 18.659  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.824  | 83   | 91621    | 17.787  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 66496    | 18.393  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 37532    | 388.074 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 467678   | 92.554  | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 180486   | 18.613  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 91621    | 16.736  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 102179   | 17.382  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 75961    | 19.280  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 105388   | 18.453  | ug/l # | 91       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 121036   | 19.033  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 255618   | 95.393  | ug/l   | 94       |
| 59) 2-Hexanone                | 9.433  | 43   | 361656   | 92.397  | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.525  | 129  | 73926    | 17.211  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 81576    | 18.873  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 74596    | 19.300  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 201770   | 19.125  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 73710    | 18.755  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 343104   | 19.395  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 275196   | 38.222  | ug/l   | 96       |
| 69) o-Xylene                  | 10.640 | 106  | 136019   | 18.948  | ug/l   | 97       |
| 70) Styrene                   | 10.659 | 104  | 225114   | 19.357  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 53724    | 17.330  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 353518   | 19.900  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.848 | 43   | 117558   | 19.146  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 118867   | 20.619  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 120402   | 23.670  | ug/l   | 92       |
| 77) Bromobenzene              | 11.201 | 156  | 91453    | 19.766  | ug/l   | 90       |
| 78) n-propylbenzene           | 11.305 | 91   | 390470   | 19.822  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 242806   | 19.826  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 297258   | 19.712  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 27237    | 15.912  | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 275436   | 19.524  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 299111   | 19.425  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 294687   | 19.659  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 354632   | 19.089  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 304828   | 19.020  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 172825   | 19.880  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 173389   | 18.995  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 240324   | 18.262  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.542 | 117  | 45059    | 16.872  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 174304   | 20.183  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 23693    | 18.480  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 100639   | 19.593  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 43125    | 18.815  | ug/l   | 94       |
| 95) Naphthalene               | 13.780 | 128  | 352364   | 20.593  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 100350   | 19.903  | ug/l   | 97       |

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Sample : VX0428MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 5 Sample Multiplier: 1

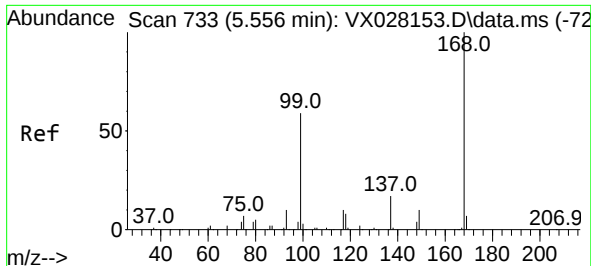
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

Quant Time: Apr 29 04:07:59 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 19 13:38:04 2022  
Response via : Initial Calibration

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

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

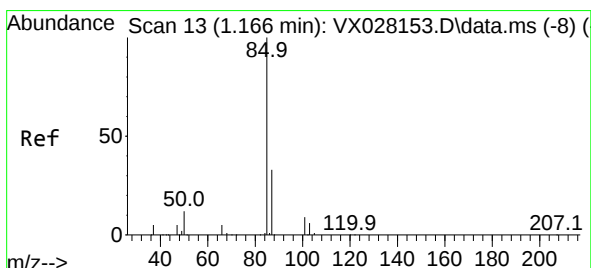
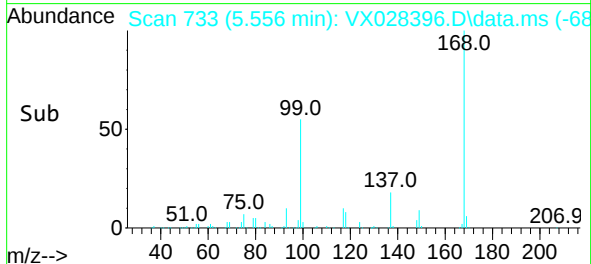
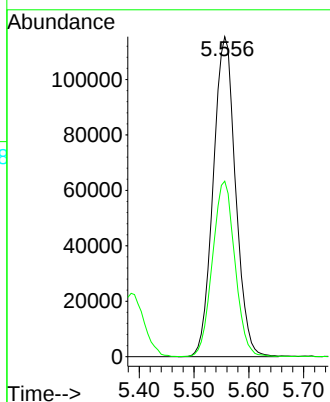
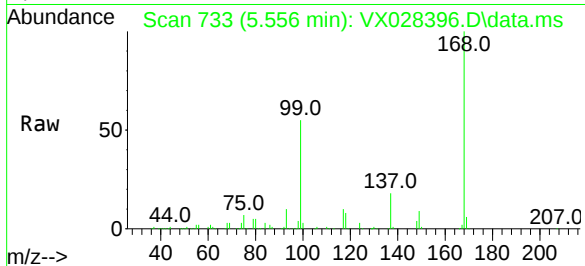




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

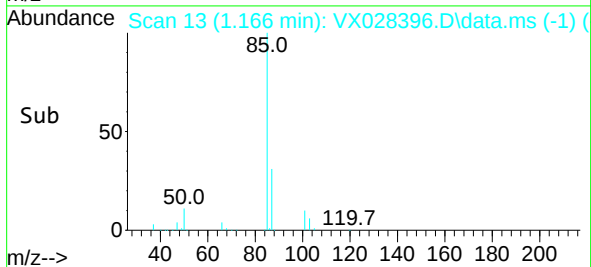
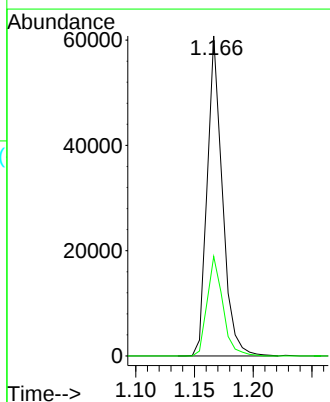
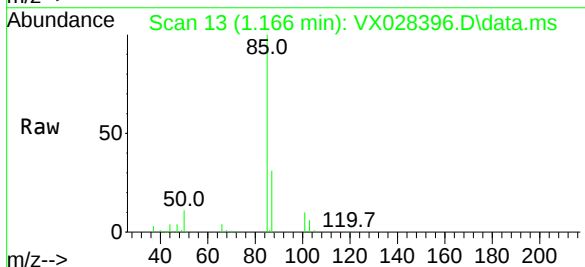
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

Tgt Ion:168 Resp: 326719  
Ion Ratio Lower Upper  
168 100  
99 54.8 41.7 62.5



#2  
Dichlorodifluoromethane  
Concen: 25.897 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 85 Resp: 54618  
Ion Ratio Lower Upper  
85 100  
87 31.1 16.2 48.6

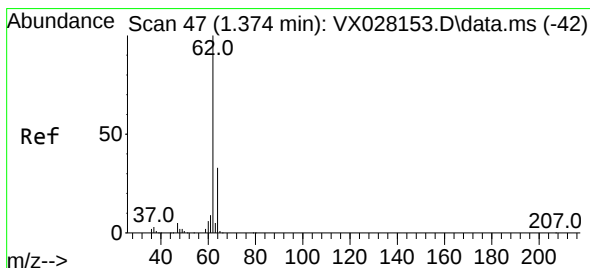
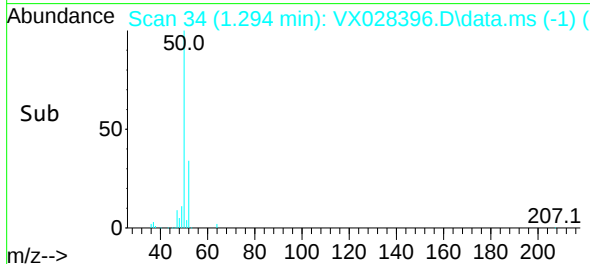
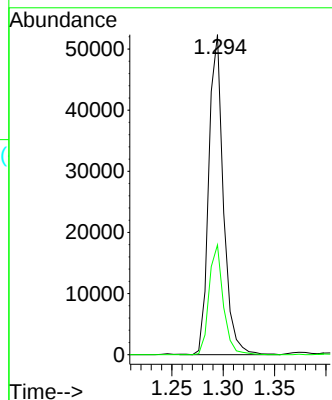
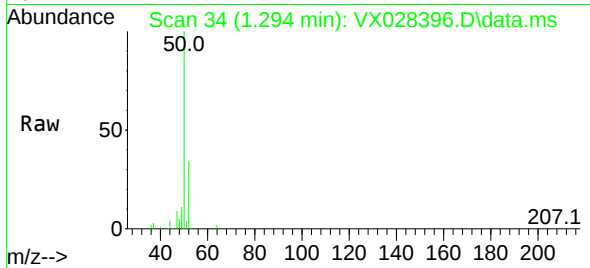




#3  
Chloromethane  
Concen: 23.064 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

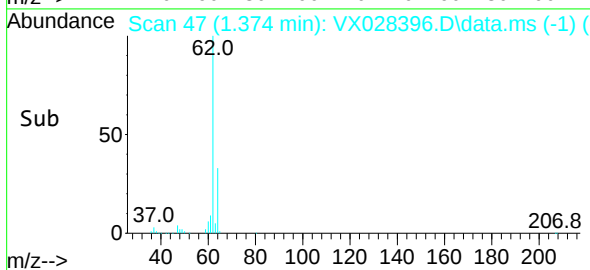
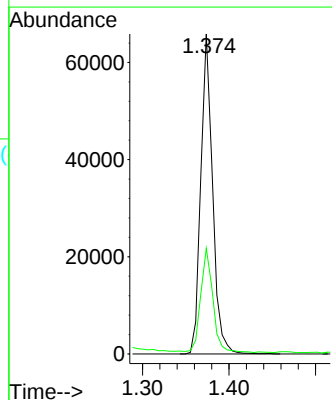
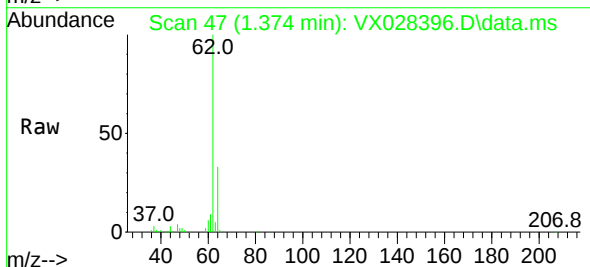
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

Tgt Ion: 50 Resp: 51802  
Ion Ratio Lower Upper  
50 100  
52 34.3 26.4 39.6



#4  
Vinyl Chloride  
Concen: 18.923 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 62 Resp: 62328  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.5 38.3

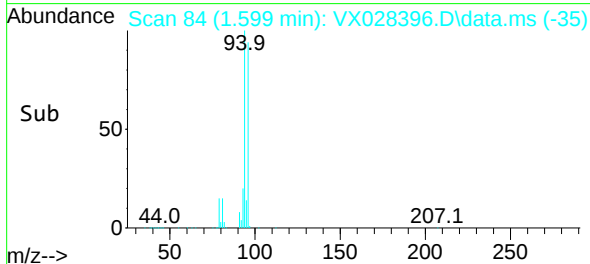
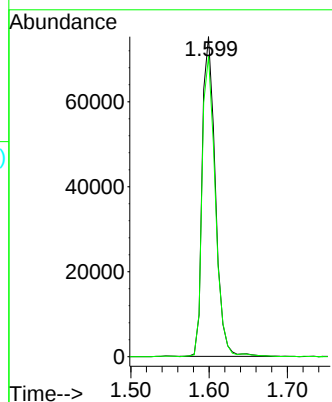
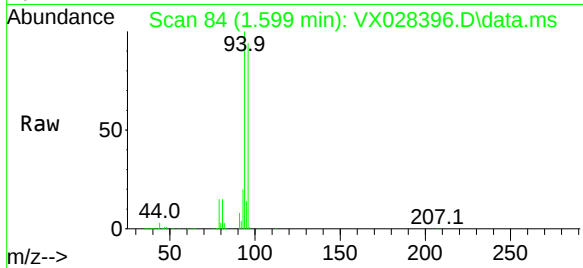




#5  
Bromomethane  
Concen: 25.690 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

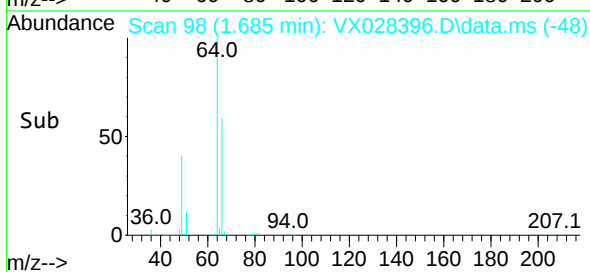
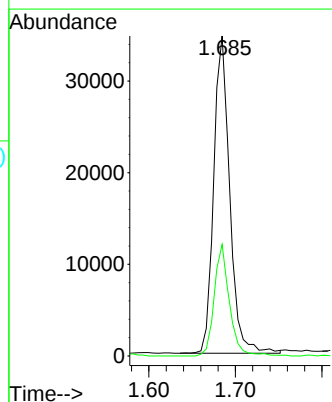
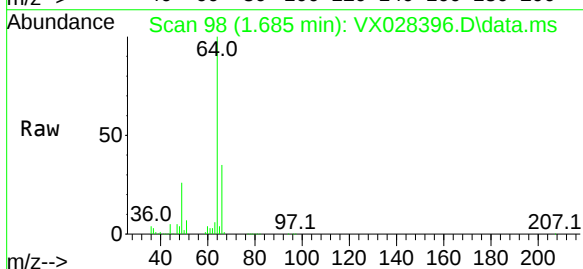
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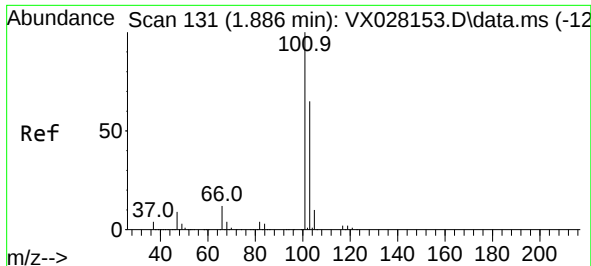
Tgt Ion: 94 Resp: 87066  
Ion Ratio Lower Upper  
94 100  
96 93.9 75.3 112.9



#6  
Chloroethane  
Concen: 16.707 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.007 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 64 Resp: 44471  
Ion Ratio Lower Upper  
64 100  
66 35.1 25.3 37.9

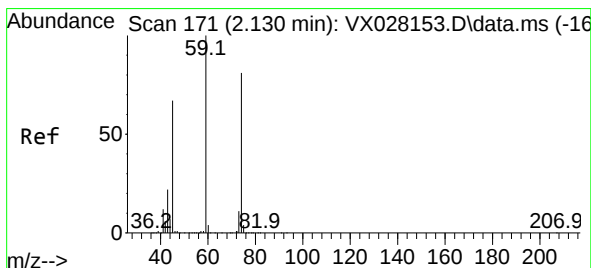
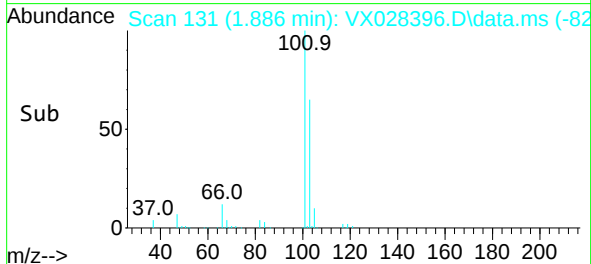
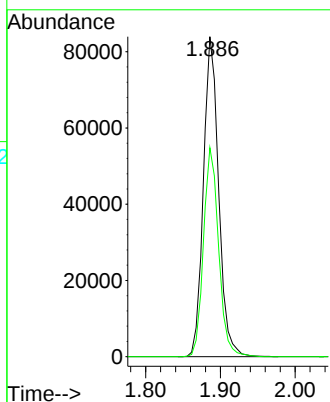
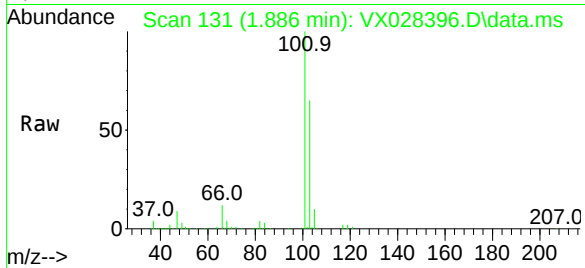




#7  
 Trichlorofluoromethane  
 Concen: 16.353 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX028396.D  
 Acq: 28 Apr 2022 12:58

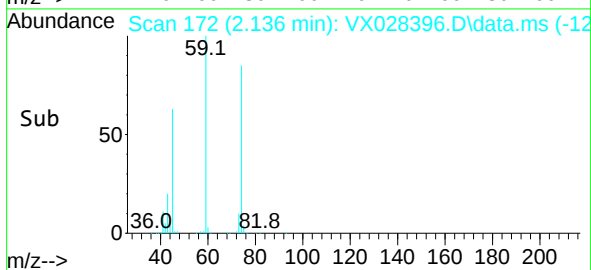
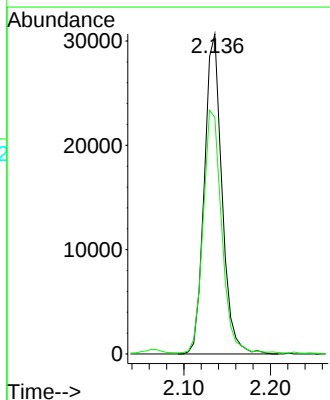
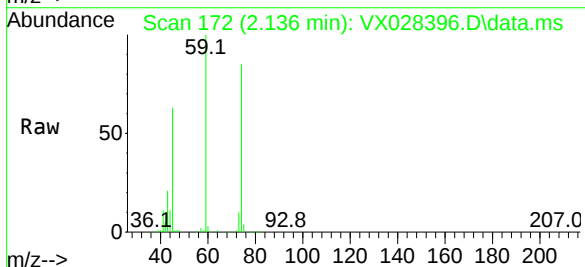
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0428MBS01

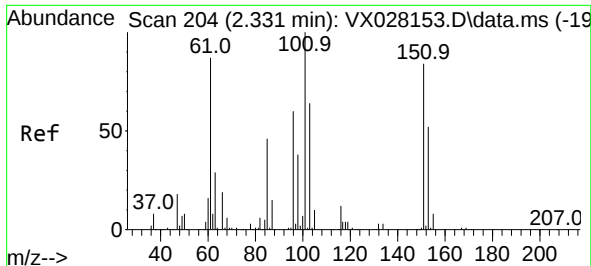
Tgt Ion:101 Resp: 118774  
 Ion Ratio Lower Upper  
 101 100  
 103 65.3 50.5 75.7



#8  
 Diethyl Ether  
 Concen: 17.826 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX028396.D  
 Acq: 28 Apr 2022 12:58

Tgt Ion: 74 Resp: 43277  
 Ion Ratio Lower Upper  
 74 100  
 45 79.8 42.0 126.0

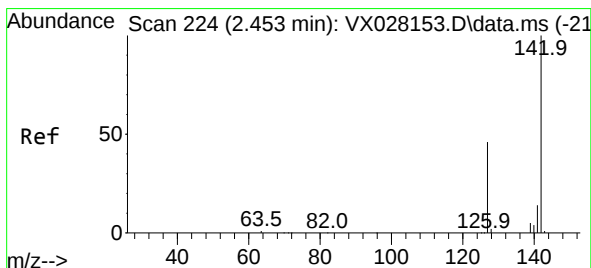
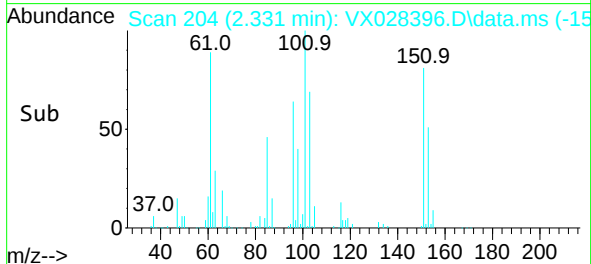
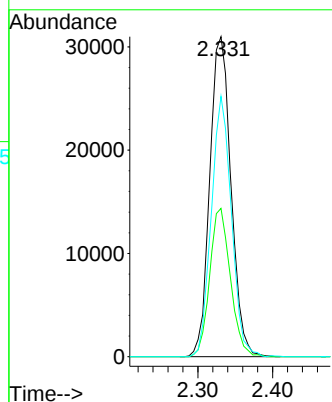
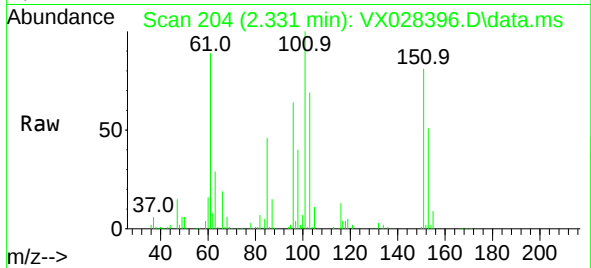




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 23.091 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

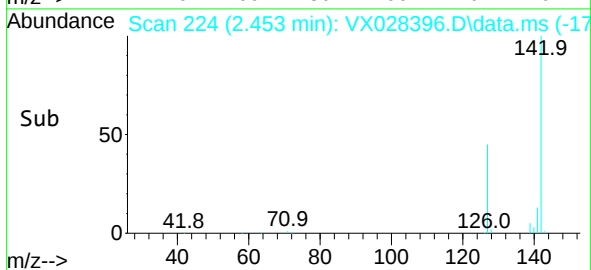
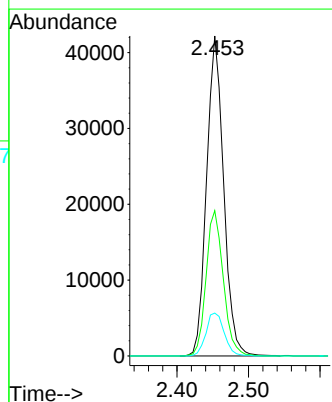
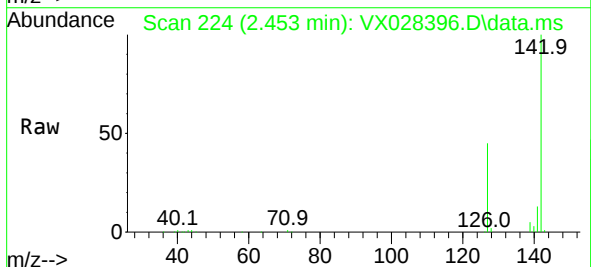
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

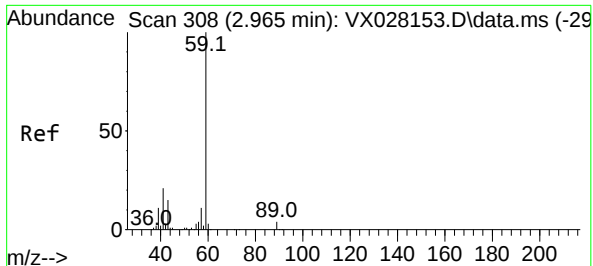
Tgt Ion:101 Resp: 61092  
Ion Ratio Lower Upper  
101 100  
85 45.1 33.5 50.3  
151 77.1 61.8 92.6



#10  
Methyl Iodide  
Concen: 22.545 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion:142 Resp: 69958  
Ion Ratio Lower Upper  
142 100  
127 45.9 33.9 50.9  
141 14.4 11.4 17.2

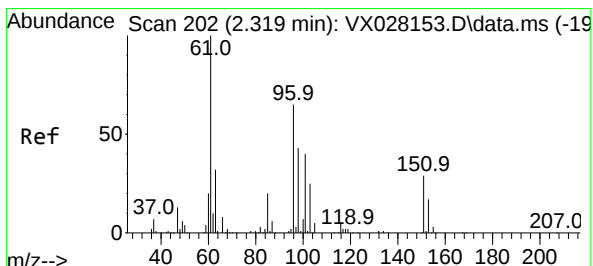
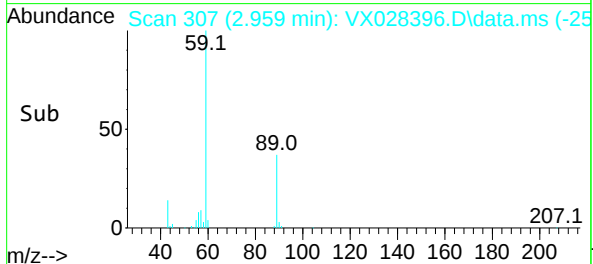
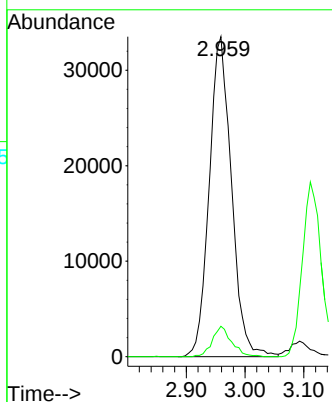
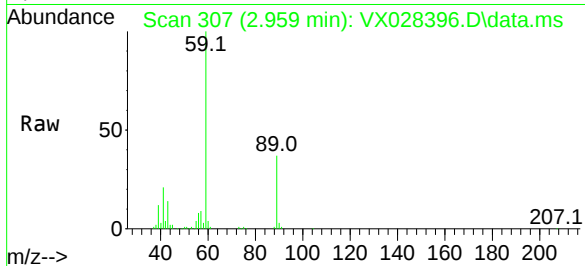




#11  
Tert butyl alcohol  
Concen: 102.186 ug/l  
RT: 2.959 min Scan# 308  
Delta R.T. -0.006 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

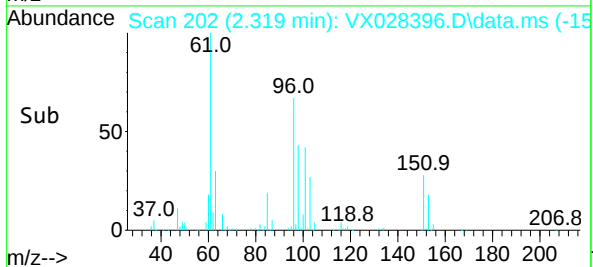
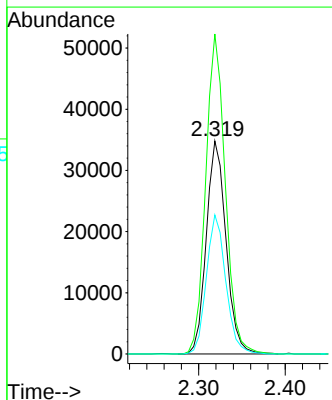
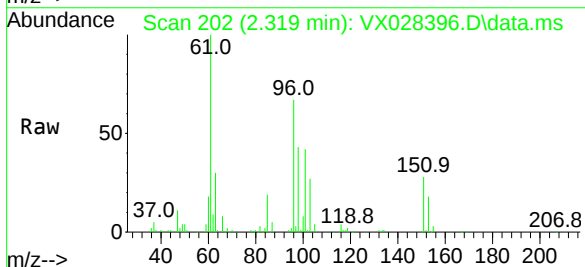
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

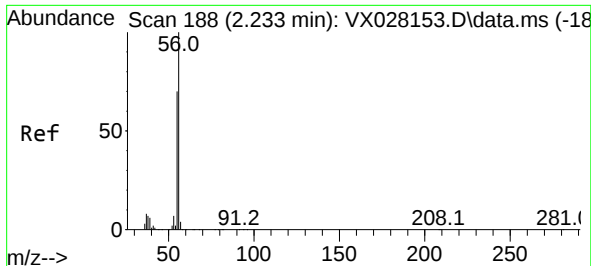
Tgt Ion: 59 Resp: 88158  
Ion Ratio Lower Upper  
59 100  
57 8.2 8.3 12.5#



#12  
1,1-Dichloroethene  
Concen: 21.968 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 96 Resp: 55160  
Ion Ratio Lower Upper  
96 100  
61 150.3 124.6 187.0  
98 65.3 51.0 76.4

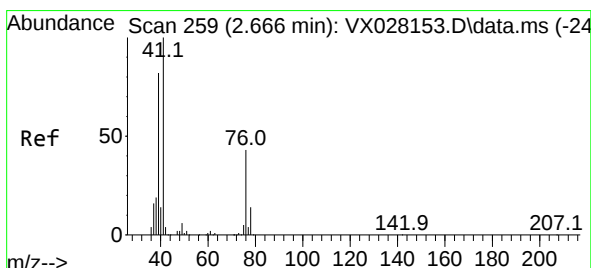
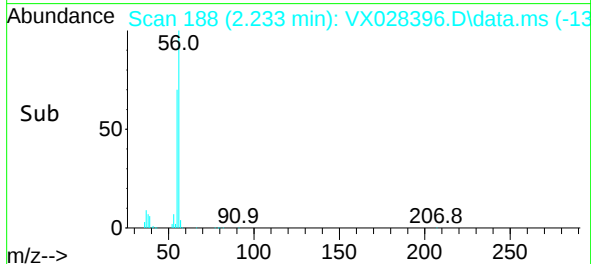
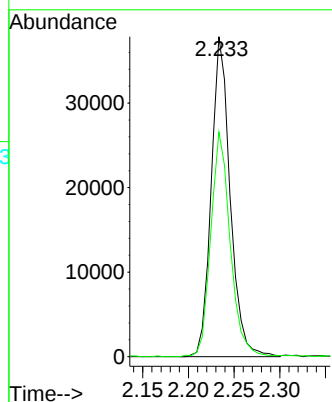
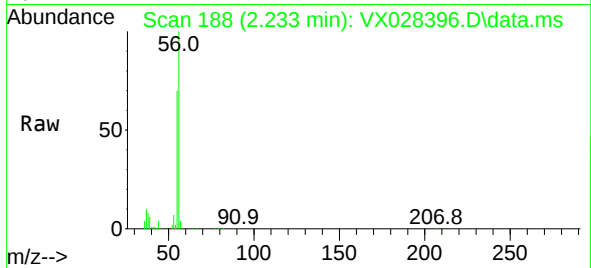




#13  
Acrolein  
Concen: 104.363 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

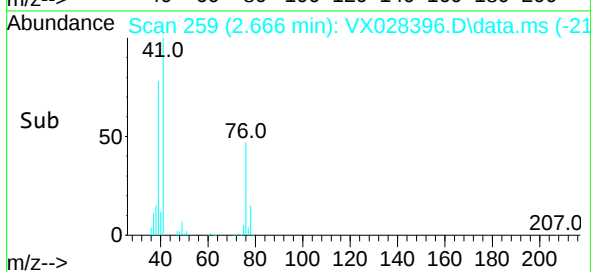
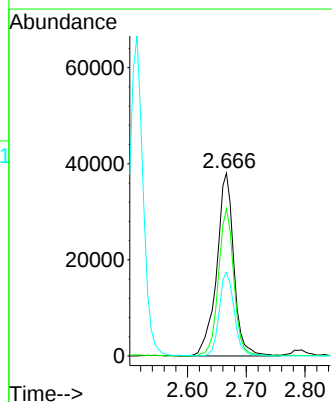
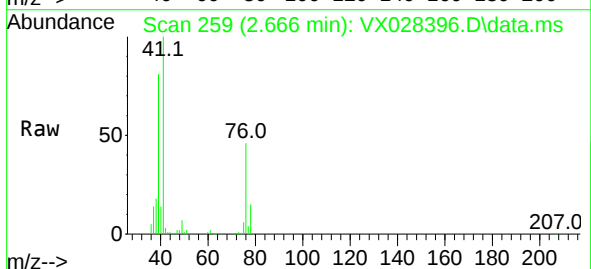
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

Tgt Ion: 56 Resp: 54487  
Ion Ratio Lower Upper  
56 100  
55 72.5 55.0 82.6



#14  
Allyl chloride  
Concen: 18.315 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 41 Resp: 77164  
Ion Ratio Lower Upper  
41 100  
39 72.2 50.4 75.6  
76 39.8 32.7 49.1

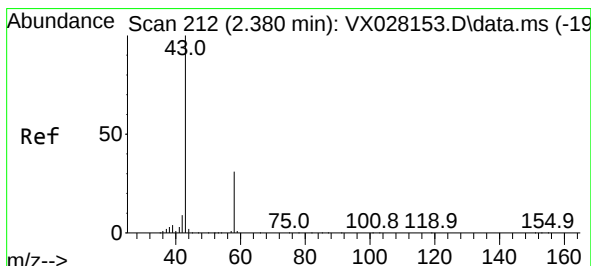
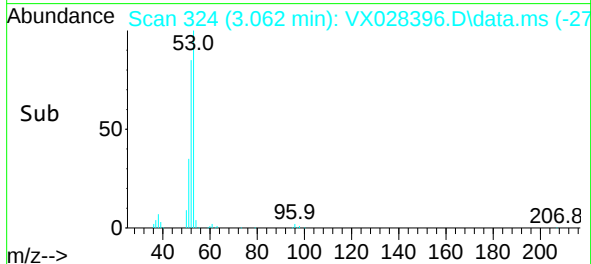
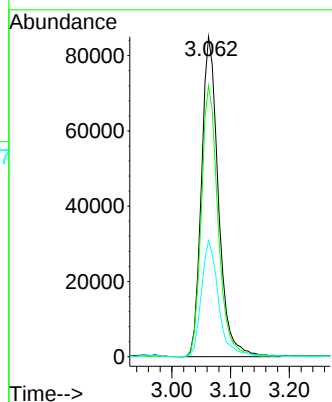
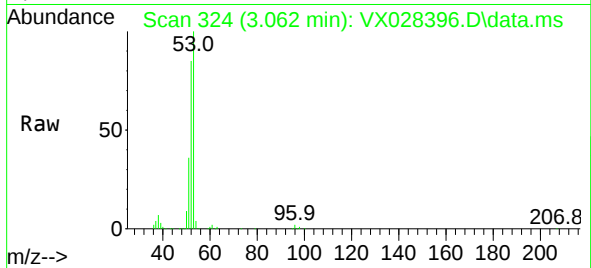




#15  
Acrylonitrile  
Concen: 98.257 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

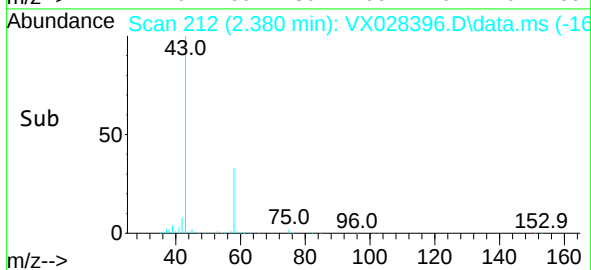
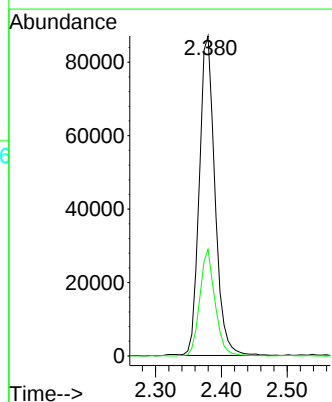
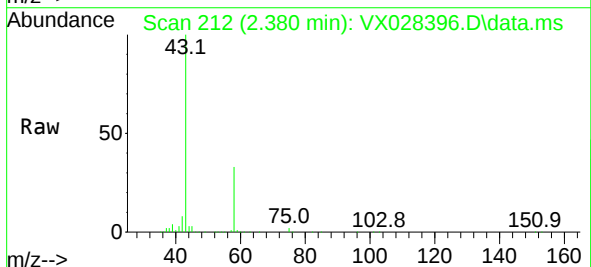
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

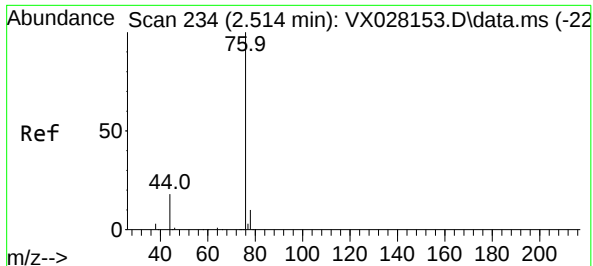
Tgt Ion: 53 Resp: 170578  
Ion Ratio Lower Upper  
53 100  
52 83.6 65.7 98.5  
51 36.9 28.4 42.6



#16  
Acetone  
Concen: 109.354 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 43 Resp: 143308  
Ion Ratio Lower Upper  
43 100  
58 33.3 28.8 43.2

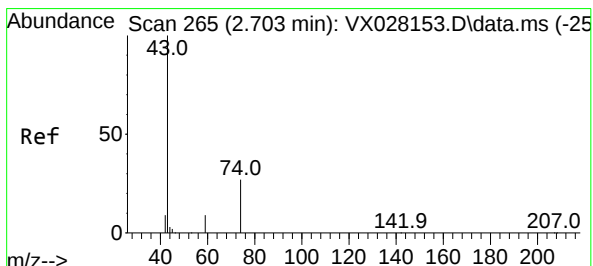
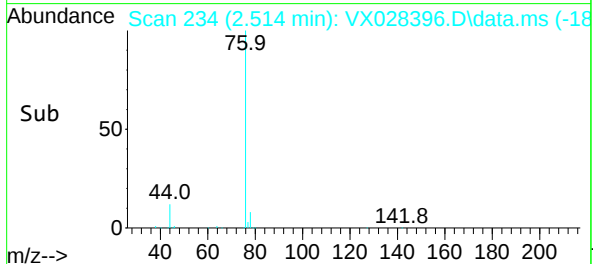
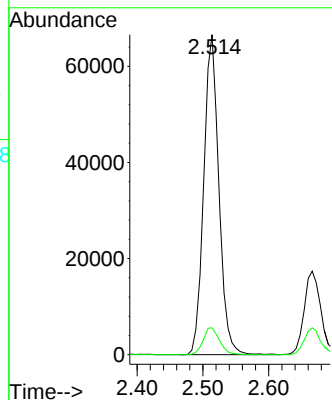
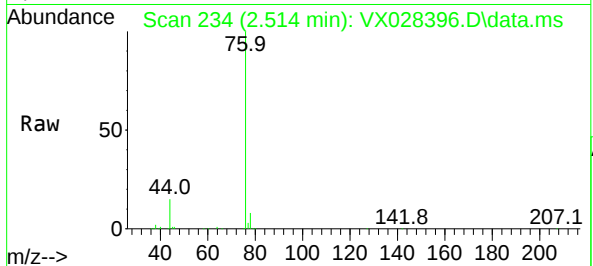




#17  
Carbon Disulfide  
Concen: 15.724 ug/l  
RT: 2.514 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

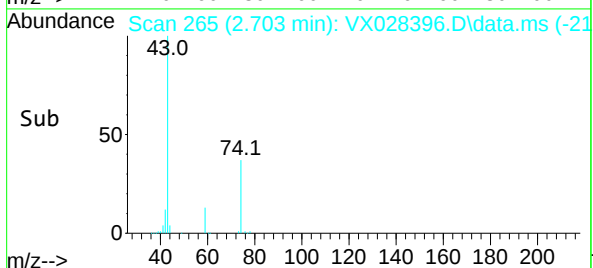
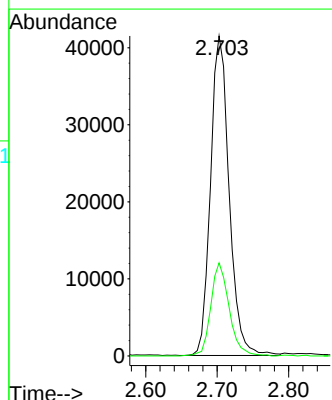
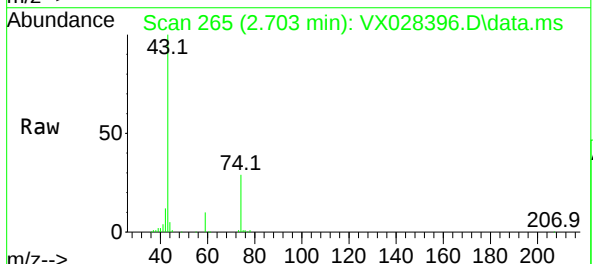
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

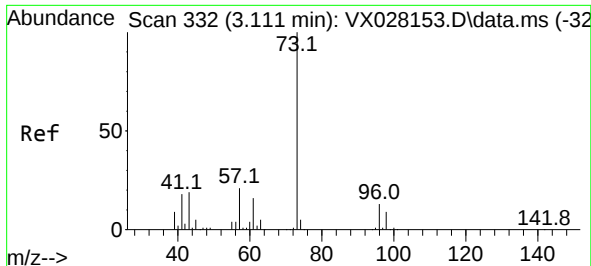
Tgt Ion: 76 Resp: 106323  
Ion Ratio Lower Upper  
76 100  
78 8.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 19.824 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 43 Resp: 75087  
Ion Ratio Lower Upper  
43 100  
74 28.7 22.8 34.2

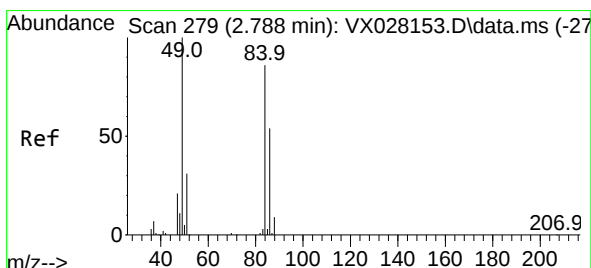
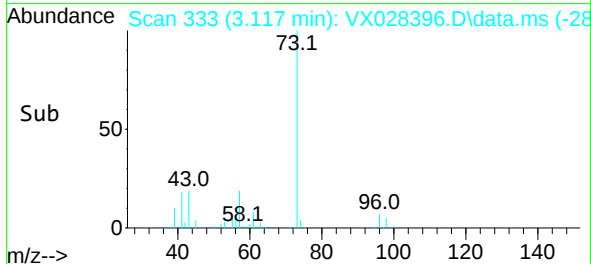
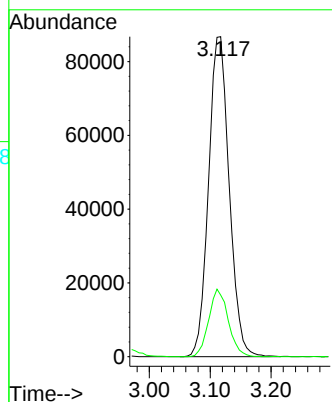
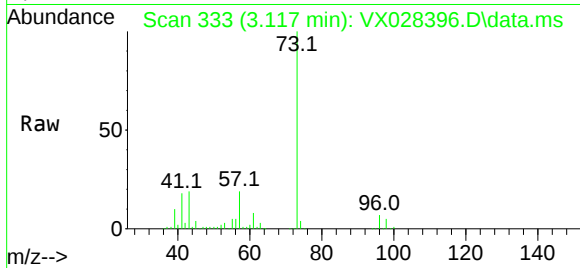




#19  
Methyl tert-butyl Ether  
Concen: 19.507 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

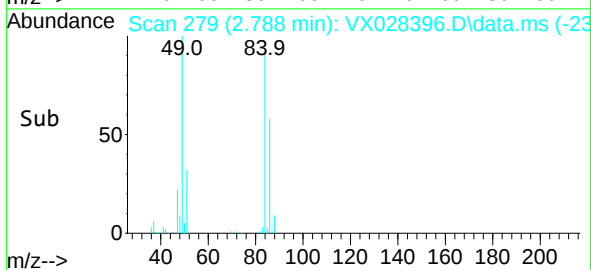
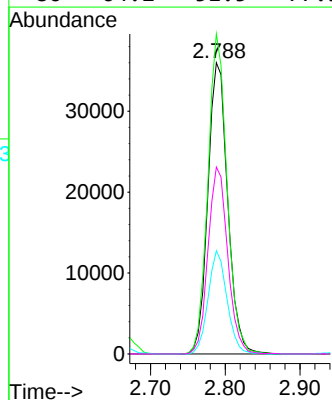
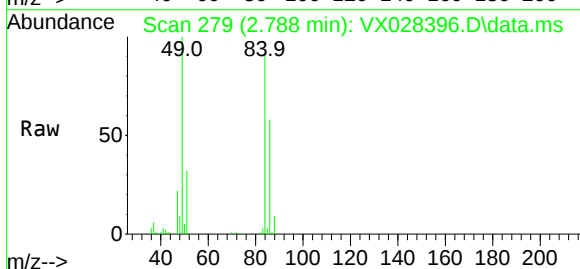
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ClientSampleId :  
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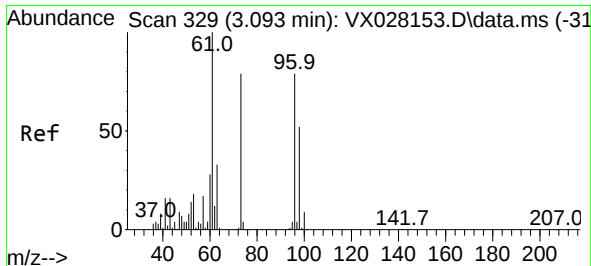
Tgt Ion: 73 Resp: 204250  
Ion Ratio Lower Upper  
73 100  
57 19.3 16.8 25.2



#20  
Methylene Chloride  
Concen: 21.005 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 84 Resp: 66393  
Ion Ratio Lower Upper  
84 100  
49 109.9 85.5 128.3  
51 35.4 26.6 39.8  
86 64.2 51.5 77.3

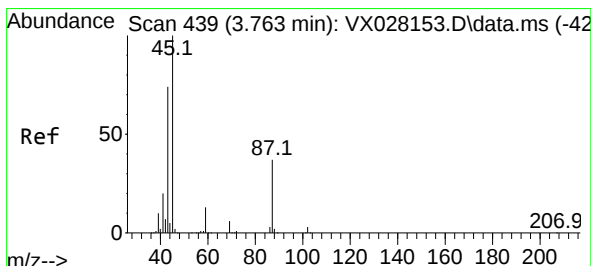
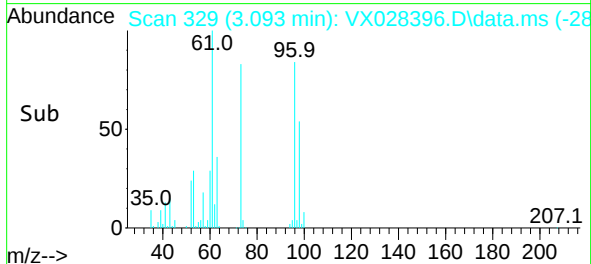
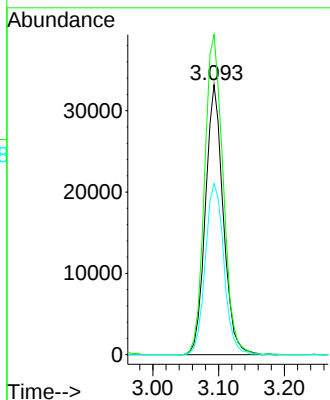
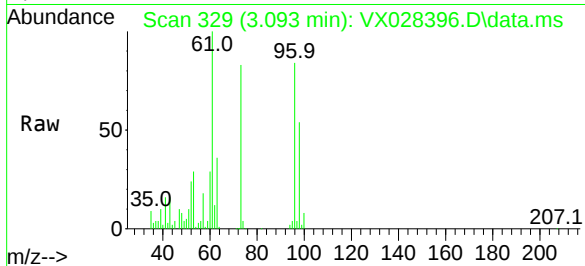




#21  
trans-1,2-Dichloroethene  
Concen: 18.317 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

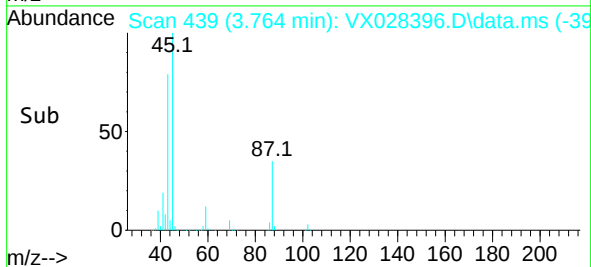
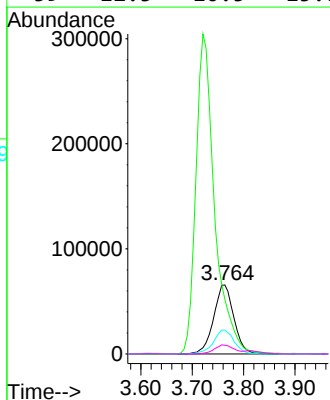
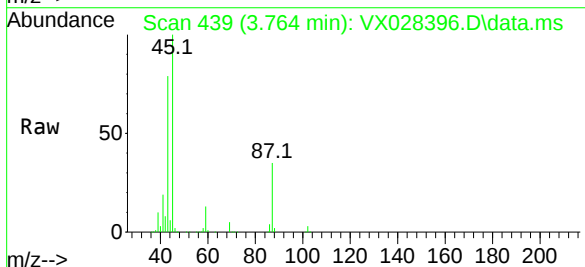
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

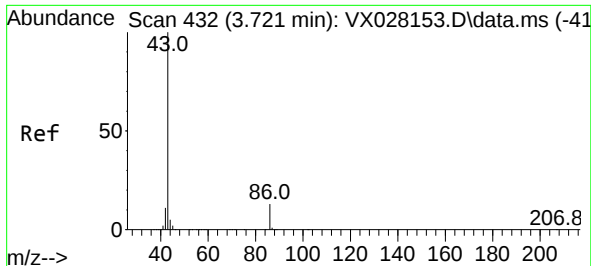
Tgt Ion: 96 Resp: 62549  
Ion Ratio Lower Upper  
96 100  
61 118.5 105.4 158.2  
98 63.4 50.0 75.0



#22  
Diisopropyl ether  
Concen: 18.631 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.001 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 45 Resp: 178786  
Ion Ratio Lower Upper  
45 100  
43 78.4 50.8 76.2#  
87 34.6 26.6 39.8  
59 12.5 10.5 15.7

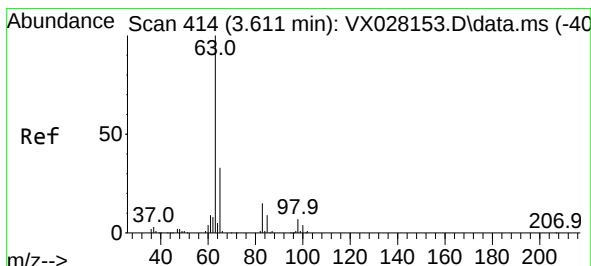
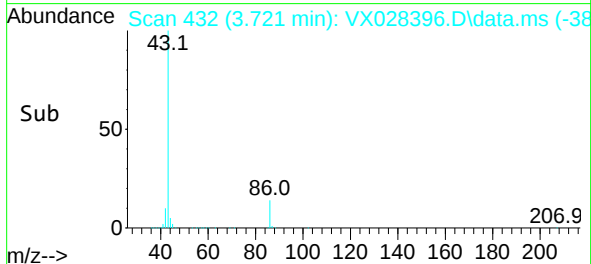
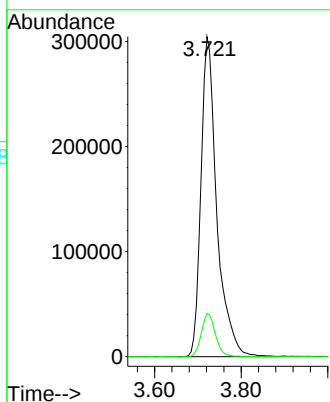
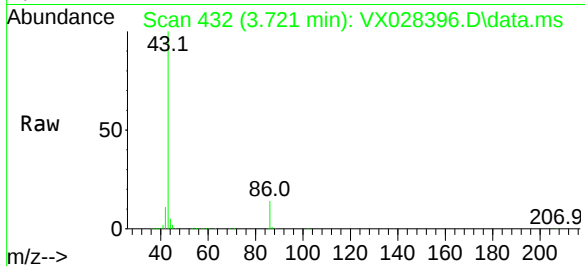




#23  
 Vinyl Acetate  
 Concen: 92.195 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX028396.D  
 Acq: 28 Apr 2022 12:58

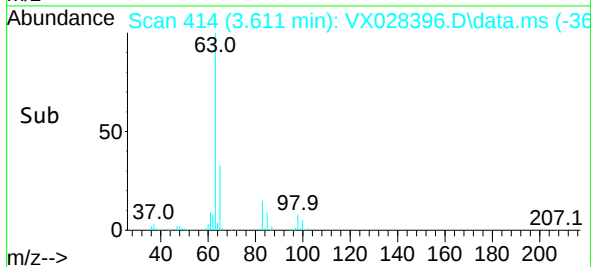
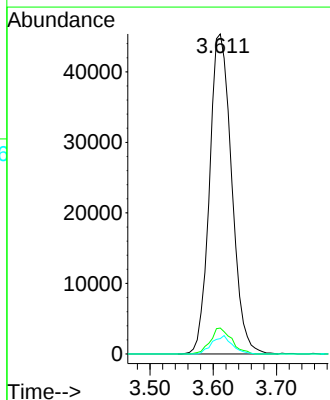
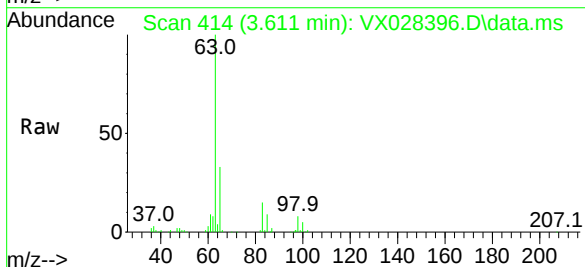
Instrument :  
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 ClientSampleId :  
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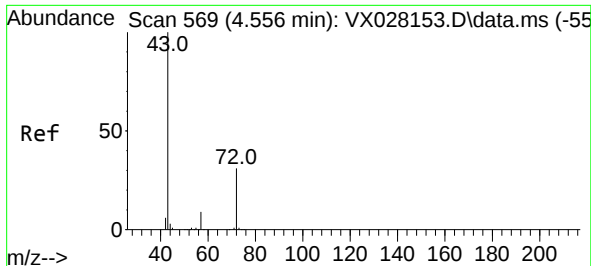
Tgt Ion: 43 Resp: 772939  
 Ion Ratio Lower Upper  
 43 100  
 86 13.5 10.8 16.2



#24  
 1,1-Dichloroethane  
 Concen: 19.461 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX028396.D  
 Acq: 28 Apr 2022 12:58

Tgt Ion: 63 Resp: 110268  
 Ion Ratio Lower Upper  
 63 100  
 98 8.1 3.9 11.7  
 100 4.8 2.4 7.2

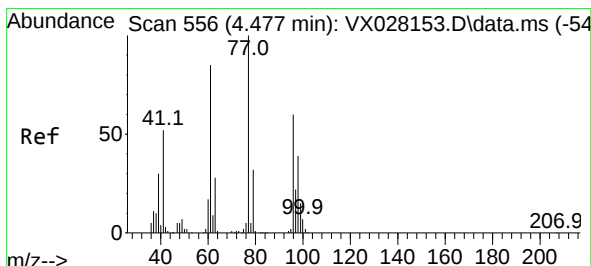
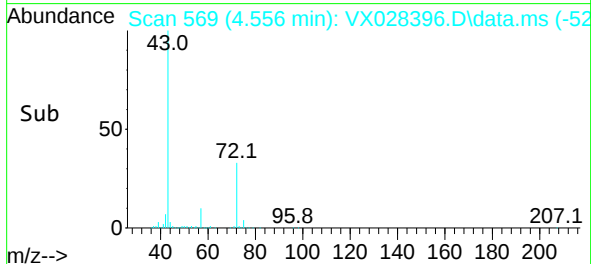
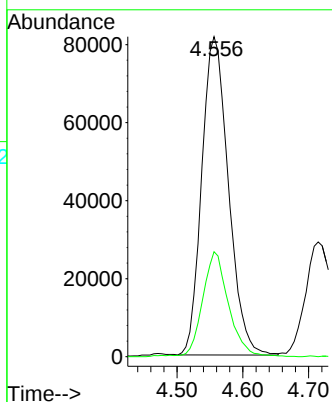
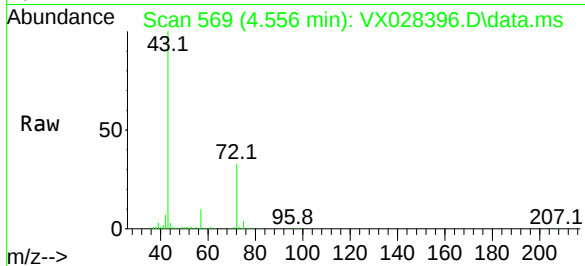




#25  
2-Butanone  
Concen: 91.220 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

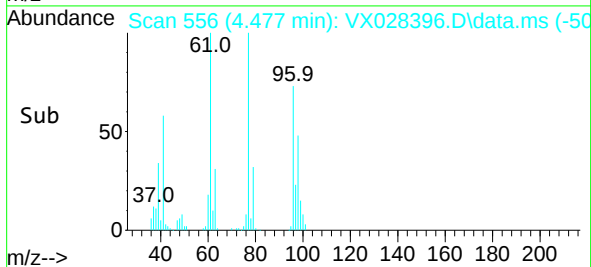
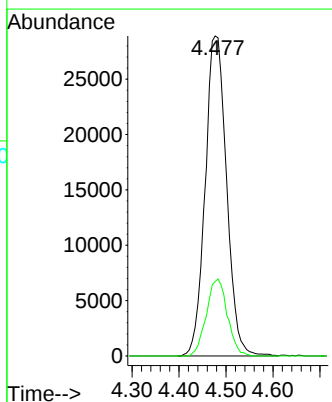
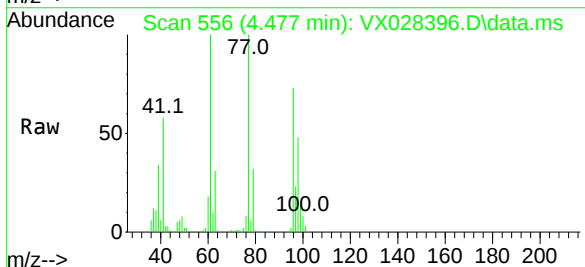
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

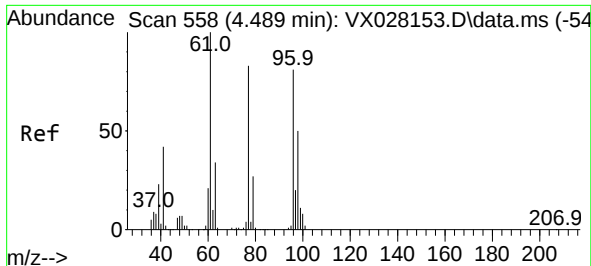
Tgt Ion: 43 Resp: 230145  
Ion Ratio Lower Upper  
43 100  
72 32.7 24.4 36.6



#26  
2,2-Dichloropropane  
Concen: 16.525 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 77 Resp: 91419  
Ion Ratio Lower Upper  
77 100  
97 23.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 19.186 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VX0428MBS01

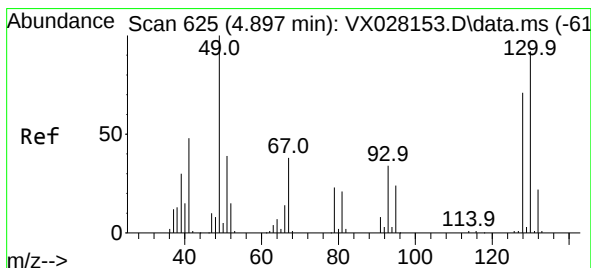
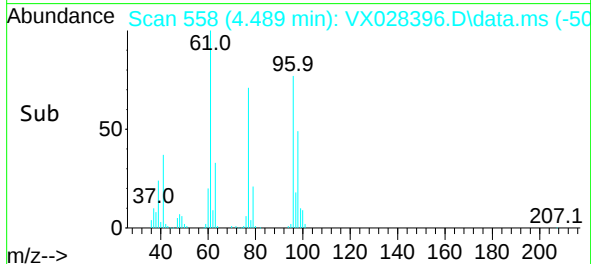
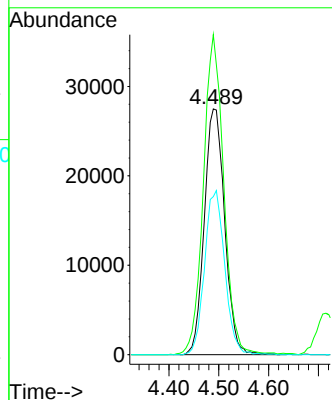
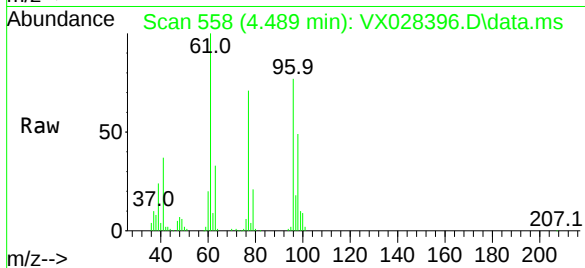
Tgt Ion: 96 Resp: 78120

Ion Ratio Lower Upper

96 100

61 129.4 0.0 283.8

98 66.1 0.0 129.8



#28

Bromochloromethane

Concen: 21.518 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.007 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

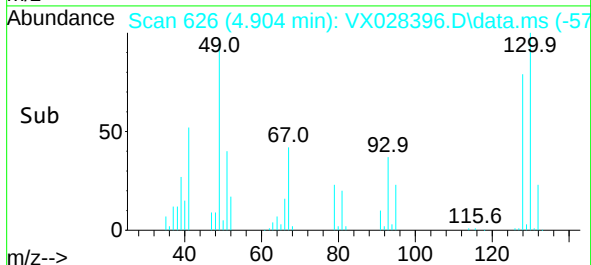
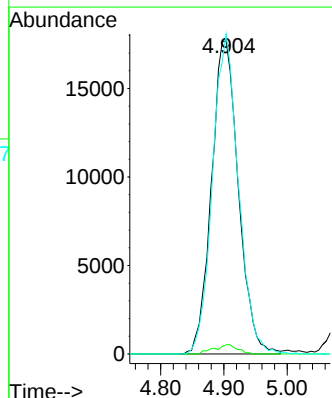
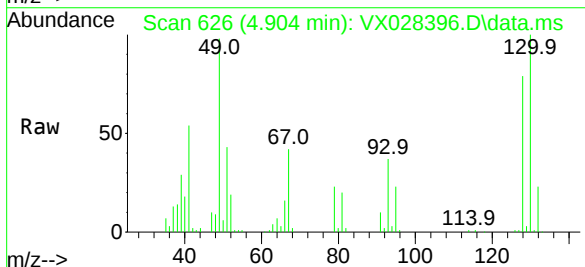
Tgt Ion: 49 Resp: 52310

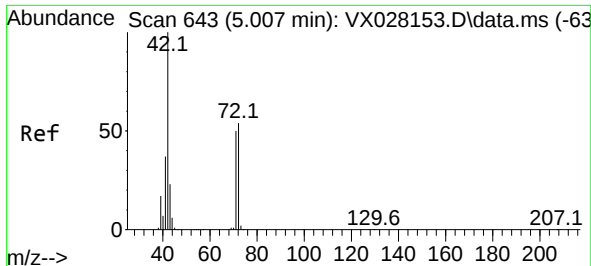
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.4

130 98.4 70.7 106.1





#29

Tetrahydrofuran

Concen: 88.999 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VX0428MBS01

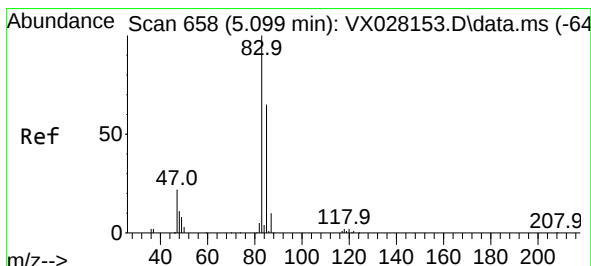
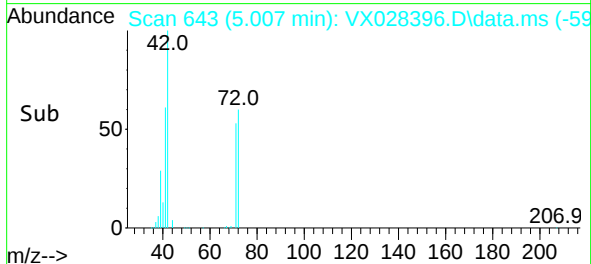
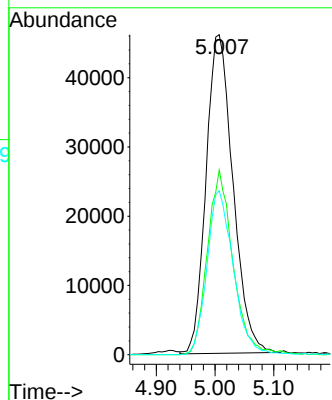
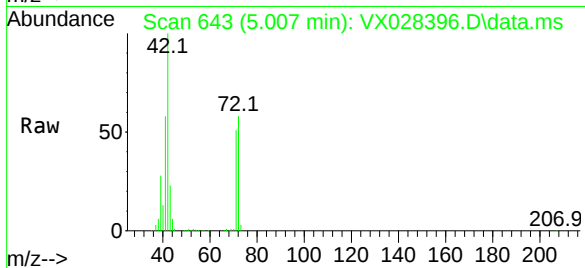
Tgt Ion: 42 Resp: 146409

Ion Ratio Lower Upper

42 100

72 55.2 44.1 66.1

71 50.5 40.5 60.7



#30

Chloroform

Concen: 18.668 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX028396.D

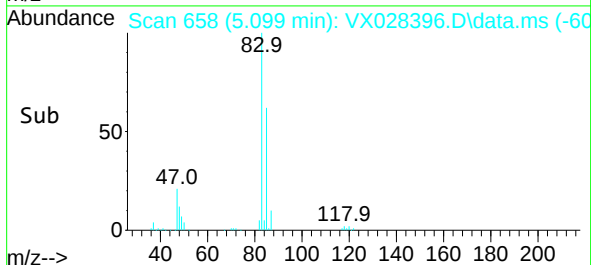
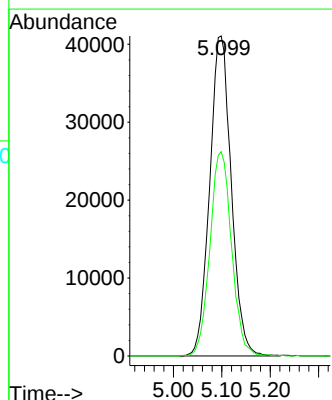
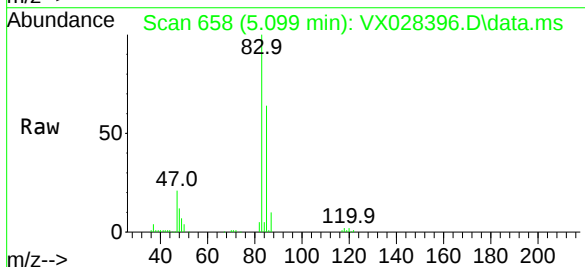
Acq: 28 Apr 2022 12:58

Tgt Ion: 83 Resp: 127031

Ion Ratio Lower Upper

83 100

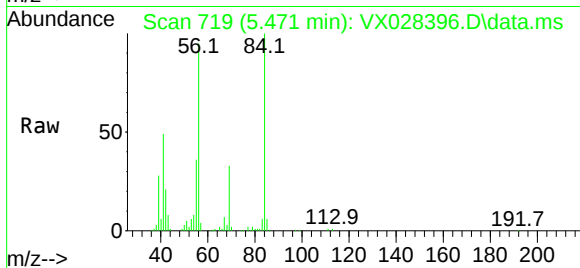
85 63.8 52.7 79.1



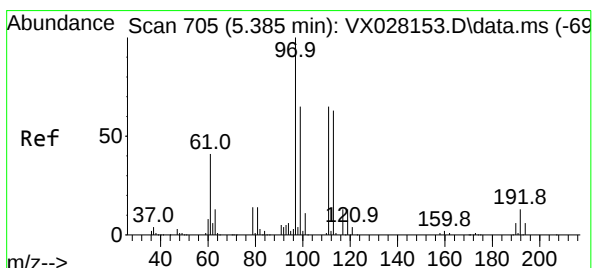
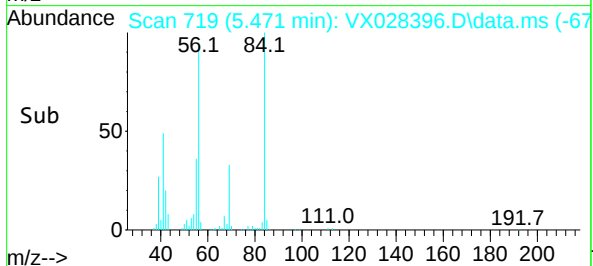
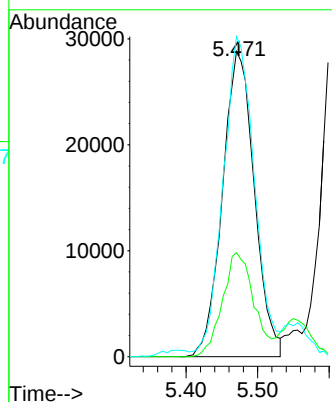


#31  
Cyclohexane  
Concen: 17.222 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.001 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

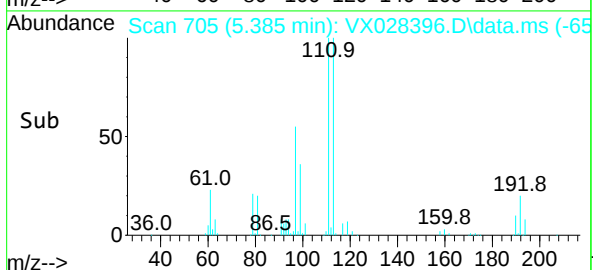
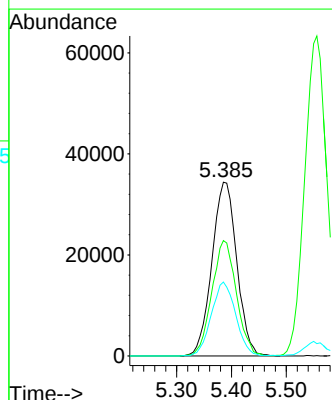
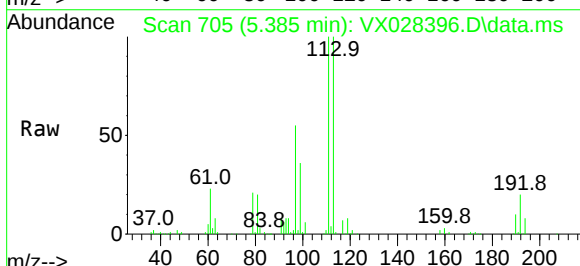


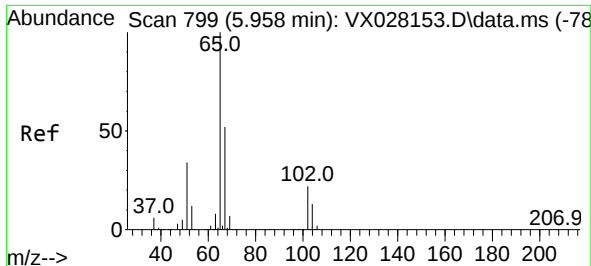
Tgt Ion: 56 Resp: 89386  
Ion Ratio Lower Upper  
56 100  
69 34.1 26.7 40.1  
84 102.8 77.2 115.8



#32  
1,1,1-Trichloroethane  
Concen: 17.582 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 97 Resp: 108340  
Ion Ratio Lower Upper  
97 100  
99 65.5 51.8 77.6  
61 41.8 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 47.839 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

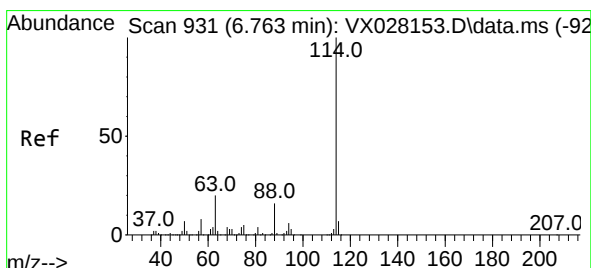
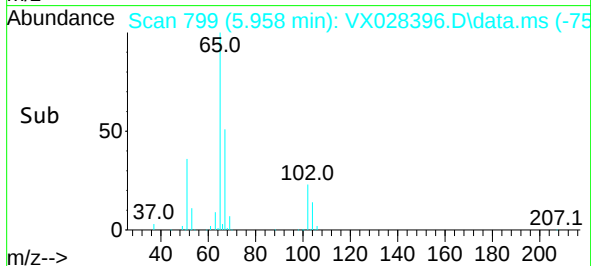
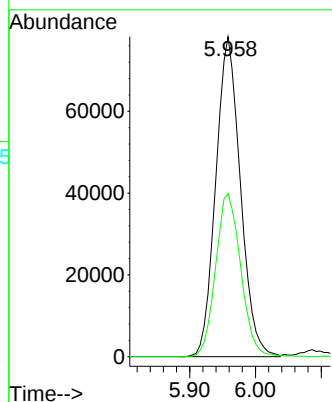
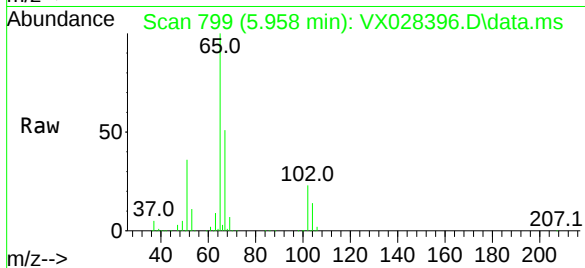
VX0428MBS01

Tgt Ion: 65 Resp: 203794

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

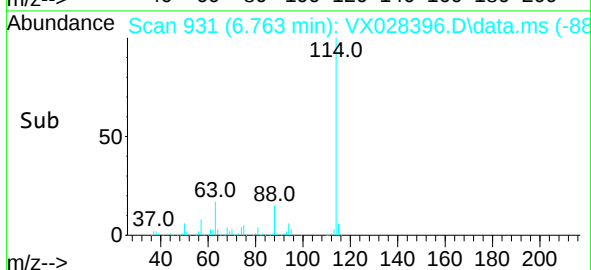
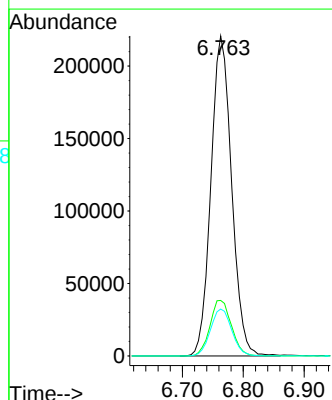
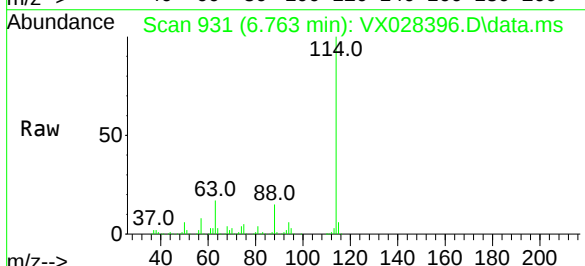
Tgt Ion: 114 Resp: 521250

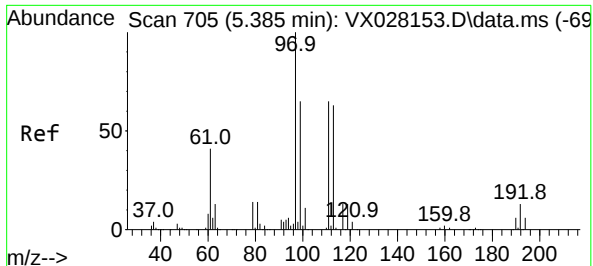
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.8

88 14.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.578 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VX0428MBS01

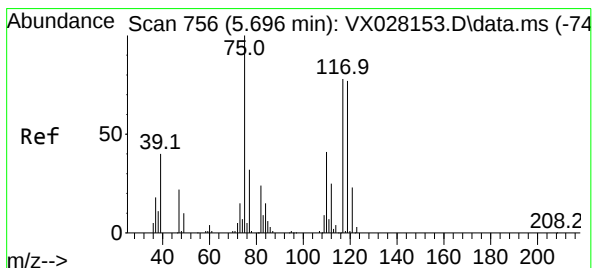
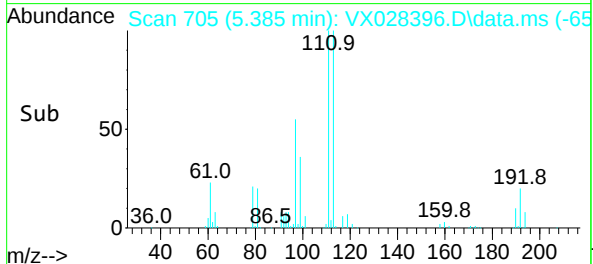
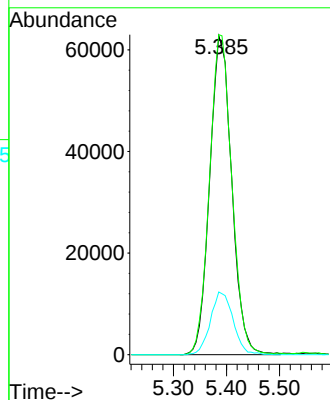
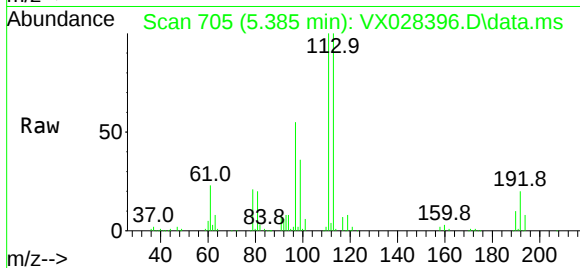
Tgt Ion:113 Resp: 181232

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 20.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 18.051 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

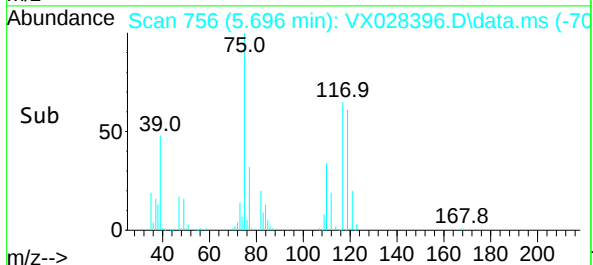
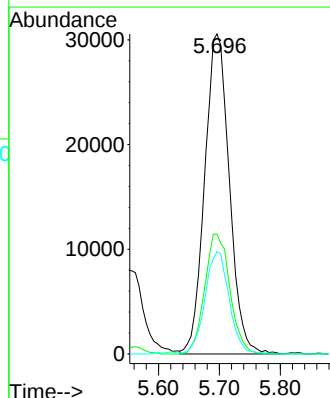
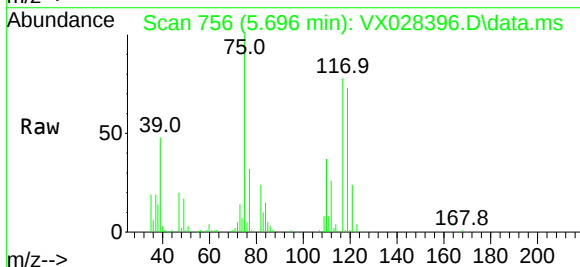
Tgt Ion: 75 Resp: 86073

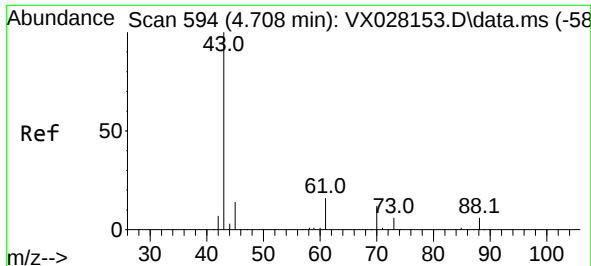
Ion Ratio Lower Upper

75 100

110 38.3 18.3 54.8

77 31.3 24.8 37.2





#37

Ethyl Acetate

Concen: 18.144 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.007 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VX0428MBS01

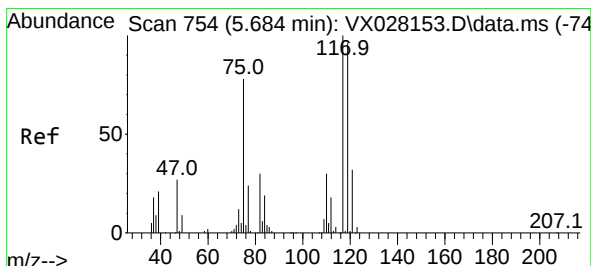
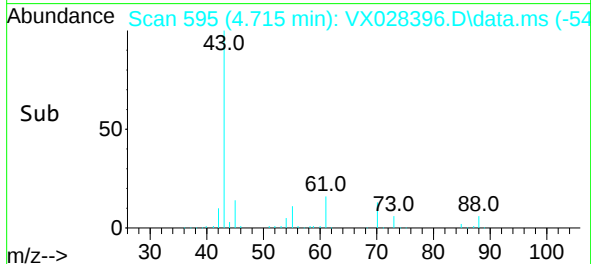
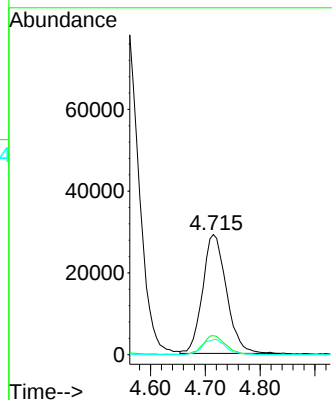
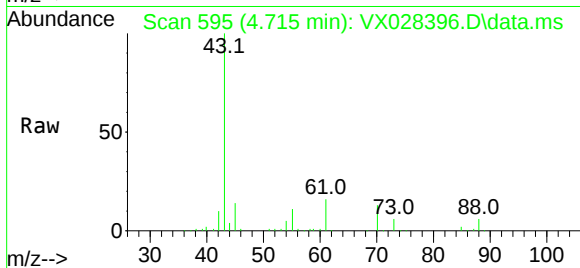
Tgt Ion: 43 Resp: 87786

Ion Ratio Lower Upper

43 100

61 15.6 12.6 19.0

70 12.6 10.2 15.2



#38

Carbon Tetrachloride

Concen: 17.505 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

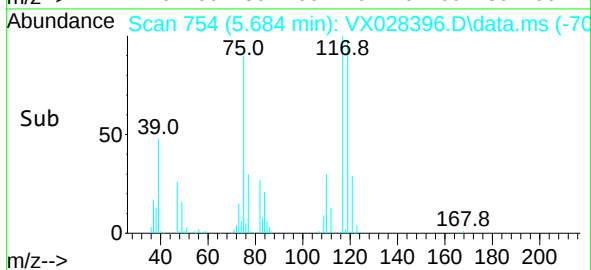
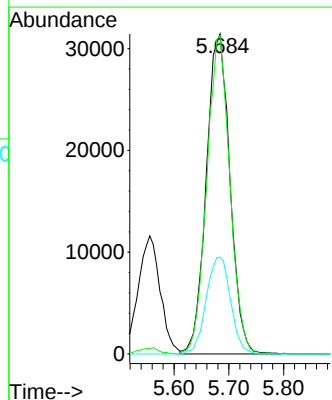
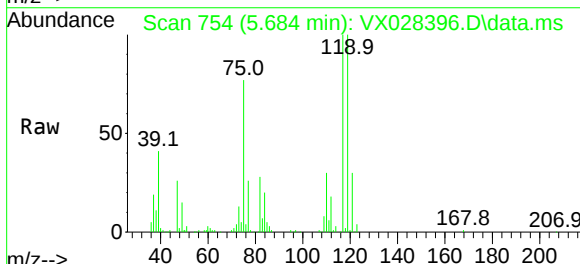
Tgt Ion: 117 Resp: 94227

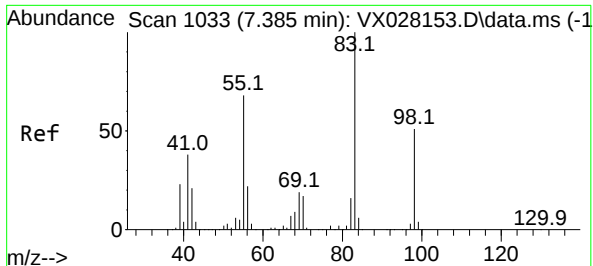
Ion Ratio Lower Upper

117 100

119 99.5 77.3 115.9

121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 16.521 ug/l

RT: 7.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VX0428MBS01

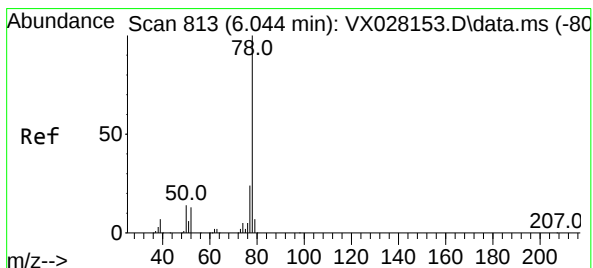
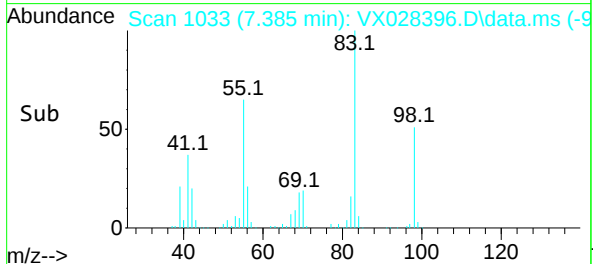
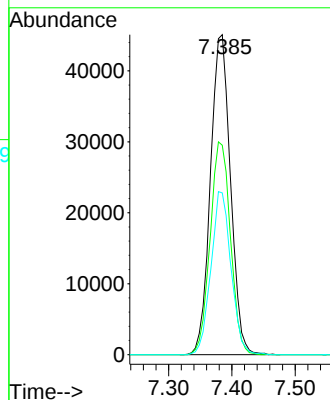
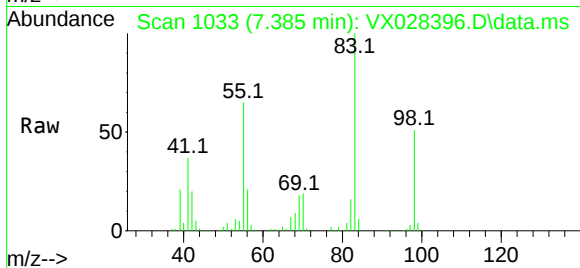
Tgt Ion: 83 Resp: 99394

Ion Ratio Lower Upper

83 100

55 65.4 54.6 81.8

98 50.5 37.4 56.2



#40

Benzene

Concen: 18.921 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX028396.D

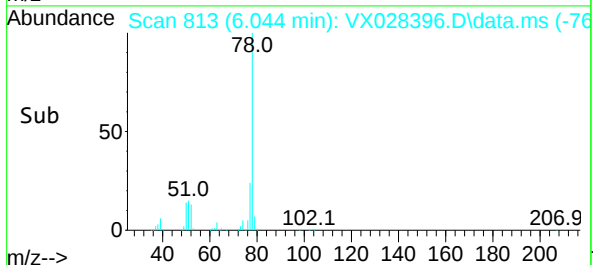
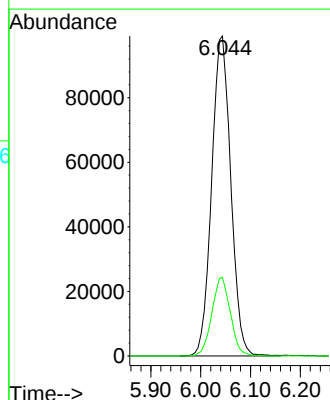
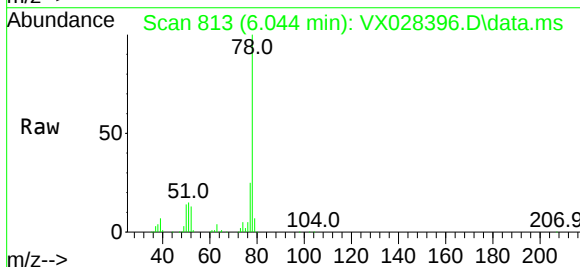
Acq: 28 Apr 2022 12:58

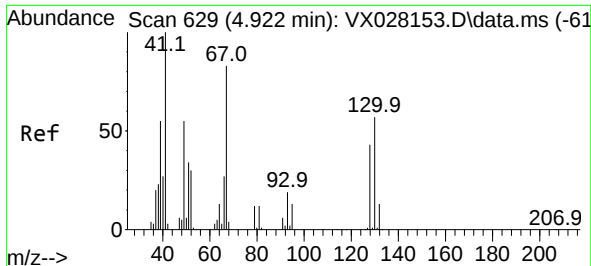
Tgt Ion: 78 Resp: 264088

Ion Ratio Lower Upper

78 100

77 24.6 19.3 28.9

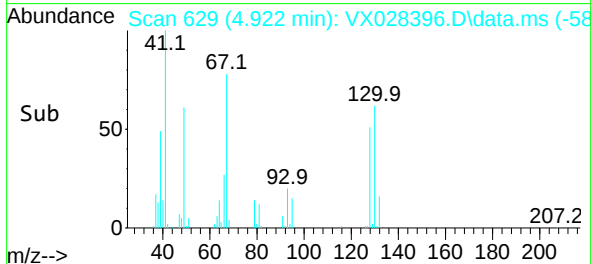
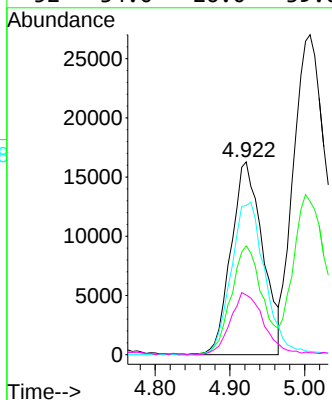
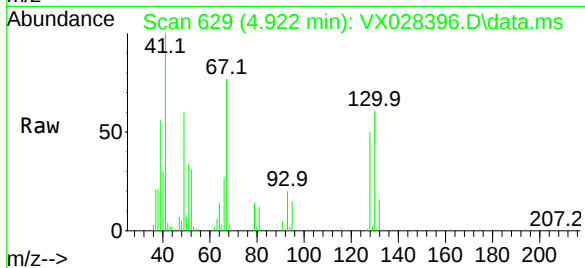




#41  
Methacrylonitrile  
Concen: 19.206 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

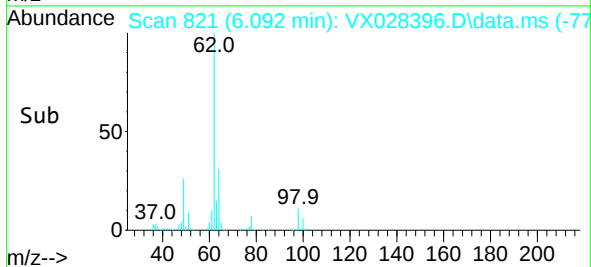
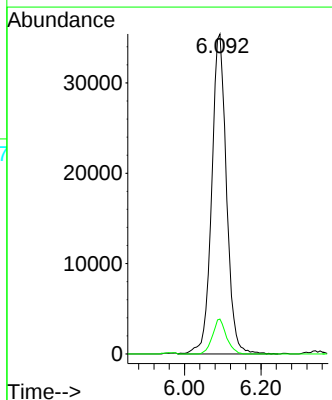
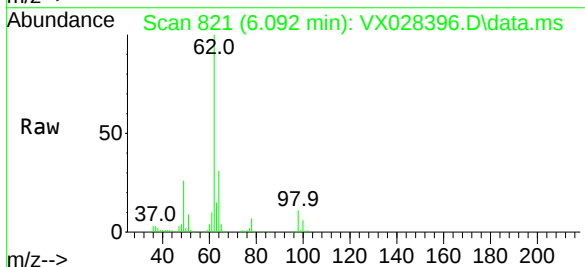
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

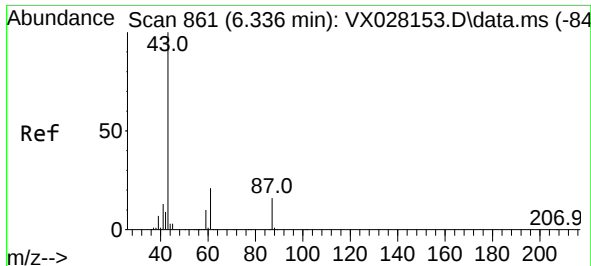
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 47943 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 56.0     | 43.0 64.4   |
| 67 84.9     | 70.2 105.4  |
| 52 34.0     | 26.0 39.0   |



#42  
1,2-Dichloroethane  
Concen: 18.344 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 95044 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 10.2     | 0.0 20.4    |

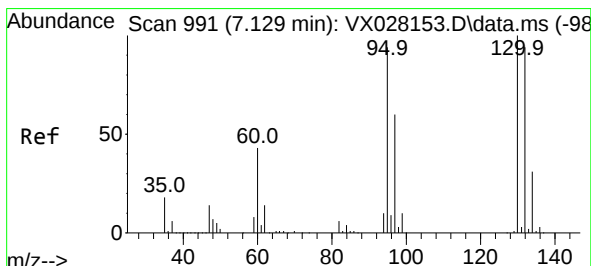
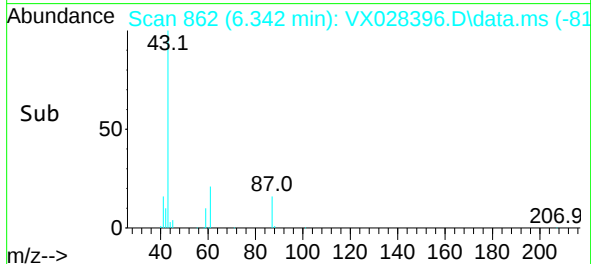
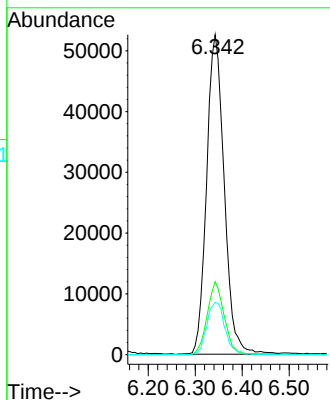
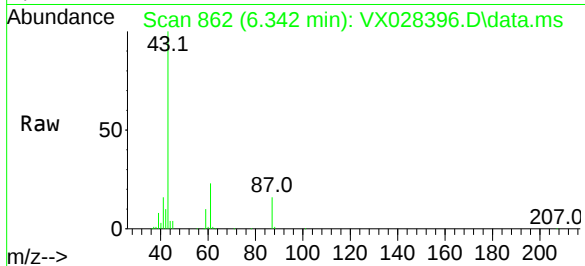




#43  
Isopropyl Acetate  
Concen: 17.319 ug/l  
RT: 6.342 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

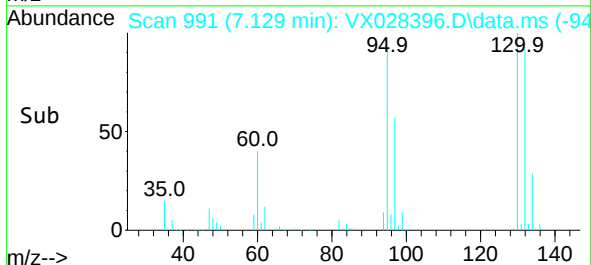
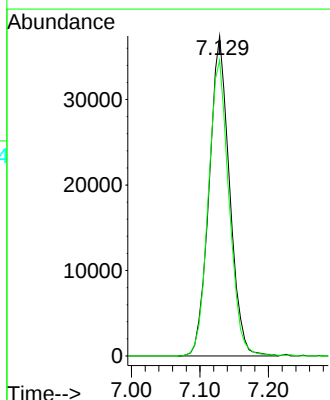
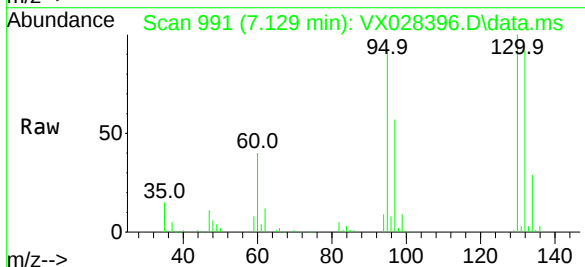
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

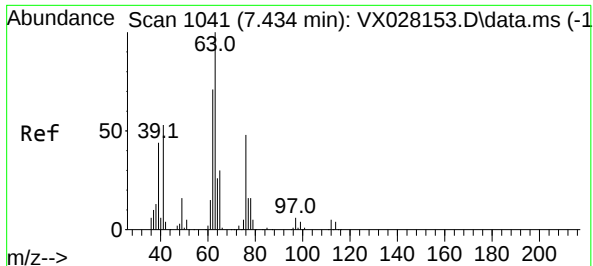
Tgt Ion: 43 Resp: 136378  
Ion Ratio Lower Upper  
43 100  
61 22.0 18.5 27.7  
87 17.0 13.0 19.6



#44  
Trichloroethene  
Concen: 19.095 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion:130 Resp: 77287  
Ion Ratio Lower Upper  
130 100  
95 92.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 18.845 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

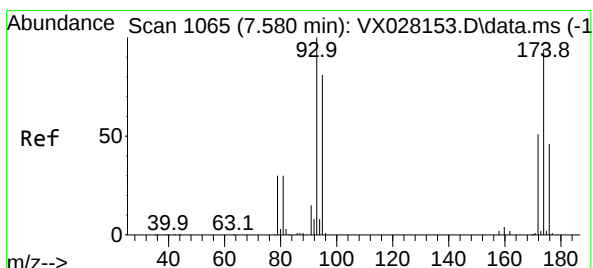
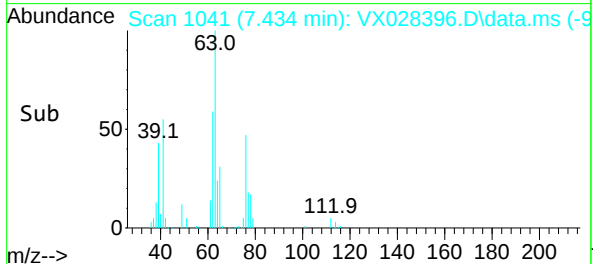
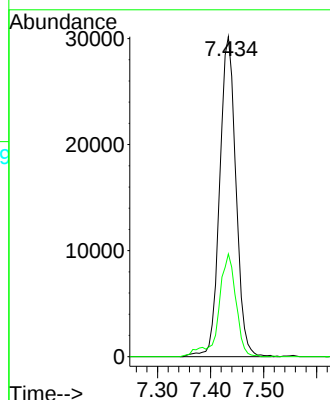
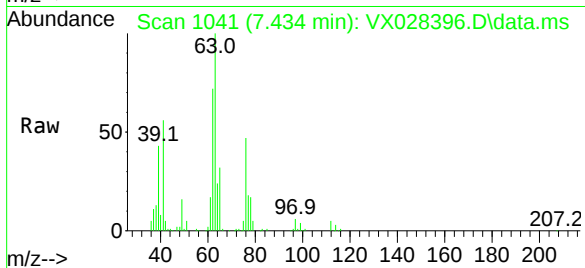
VX0428MBS01

Tgt Ion: 63 Resp: 64385

Ion Ratio Lower Upper

63 100

65 32.1 25.8 38.6



#46

Dibromomethane

Concen: 18.659 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

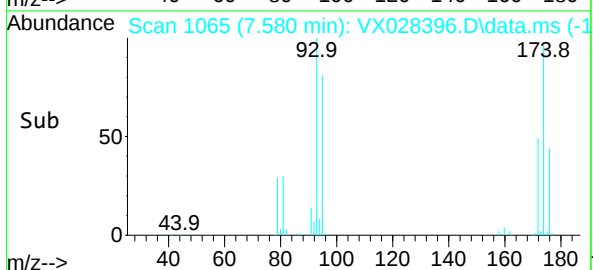
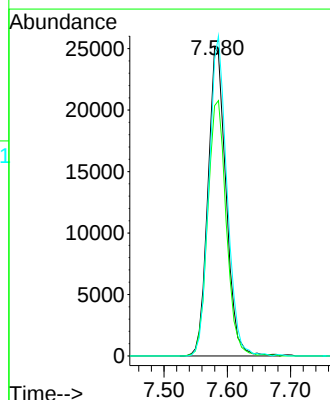
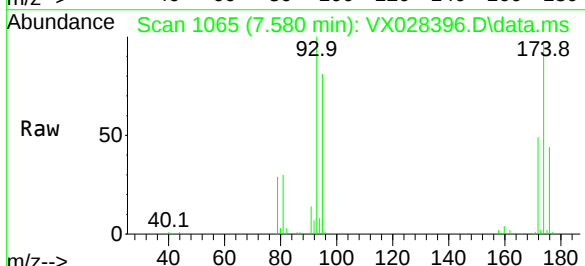
Tgt Ion: 93 Resp: 50008

Ion Ratio Lower Upper

93 100

95 84.2 65.8 98.6

174 102.6 85.4 128.2

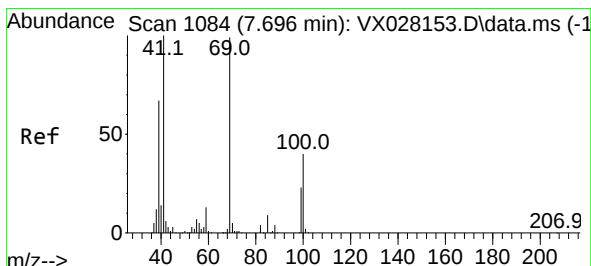
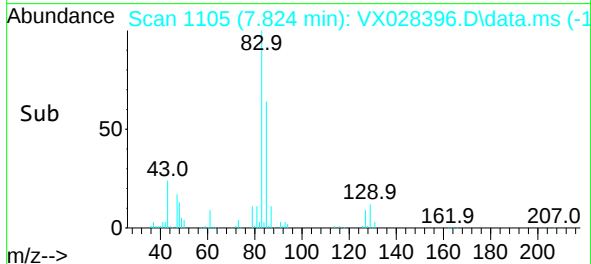
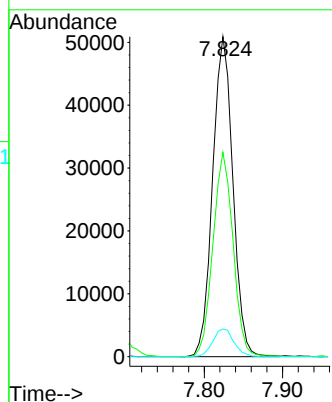
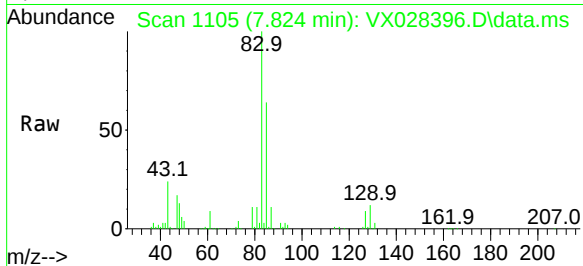




#47  
Bromodichloromethane  
Concen: 17.787 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

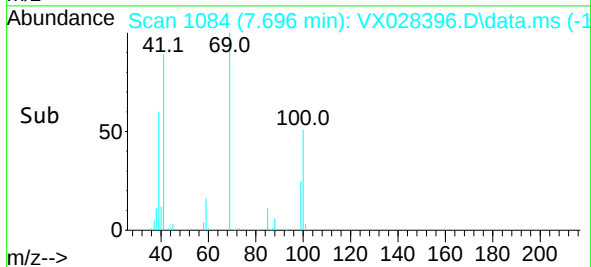
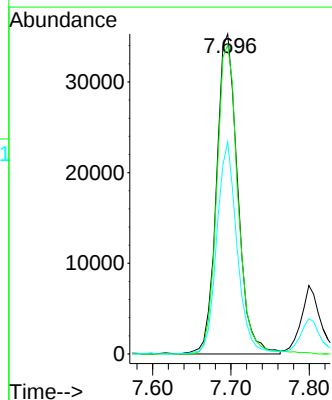
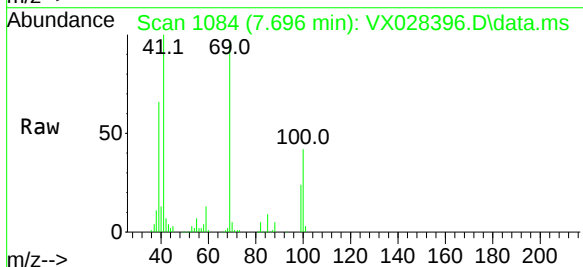
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

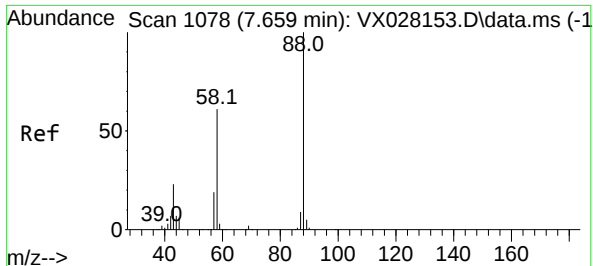
Tgt Ion: 83 Resp: 91621  
Ion Ratio Lower Upper  
83 100  
85 63.9 52.2 78.2  
127 8.6 6.8 10.2



#48  
Methyl methacrylate  
Concen: 18.393 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 41 Resp: 66496  
Ion Ratio Lower Upper  
41 100  
69 96.4 82.5 123.7  
39 63.6 43.8 65.8





#49

1,4-Dioxane

Concen: 388.074 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VX0428MBS01

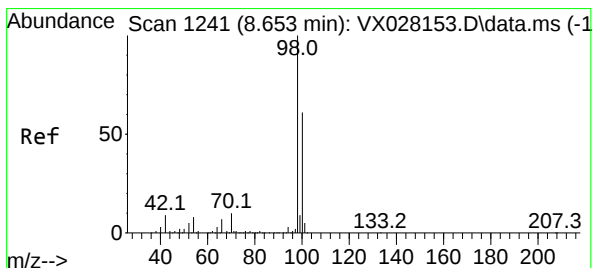
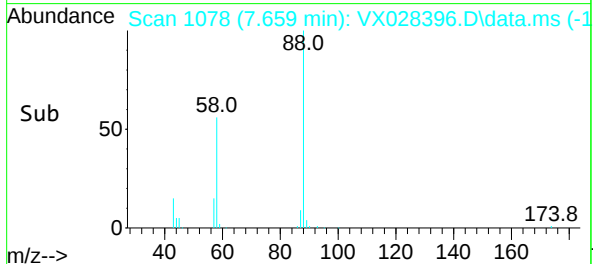
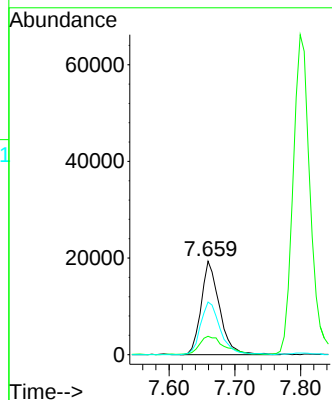
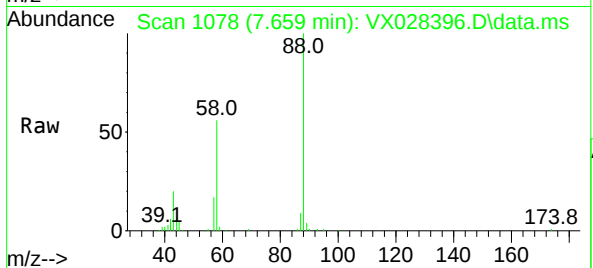
Tgt Ion: 88 Resp: 37532

Ion Ratio Lower Upper

88 100

43 26.1 21.9 32.9

58 60.6 53.7 80.5



#50

Toluene-d8

Concen: 47.468 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028396.D

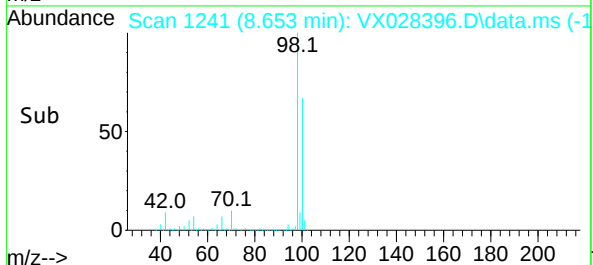
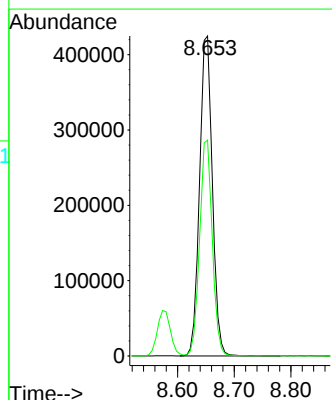
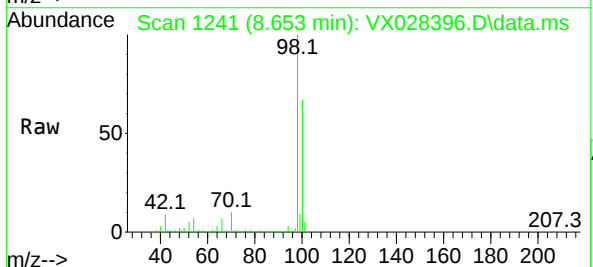
Acq: 28 Apr 2022 12:58

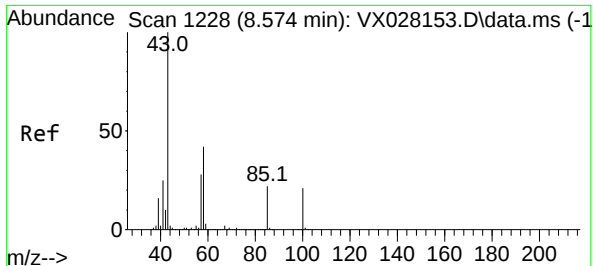
Tgt Ion: 98 Resp: 666448

Ion Ratio Lower Upper

98 100

100 66.8 52.6 78.8

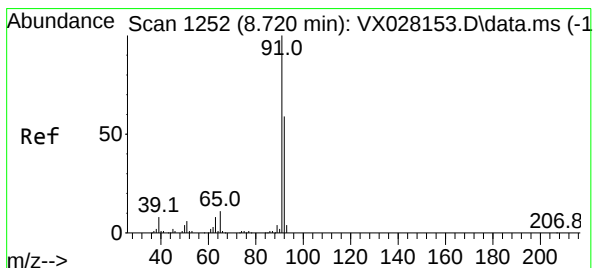
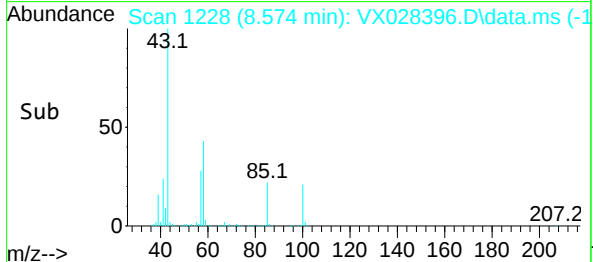
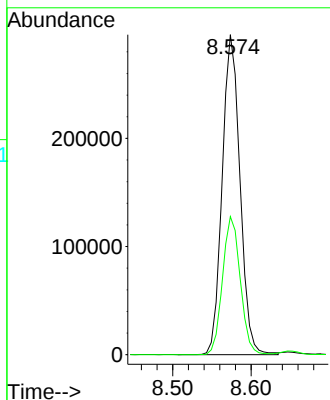
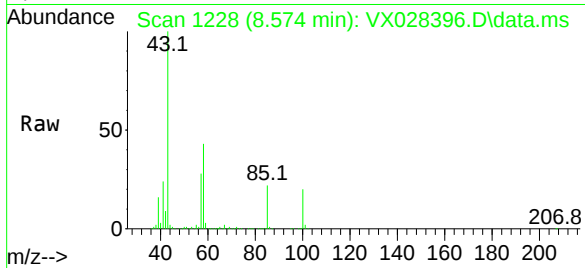




#51  
4-Methyl-2-Pentanone  
Concen: 92.554 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

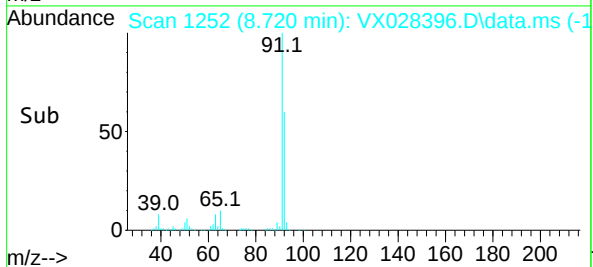
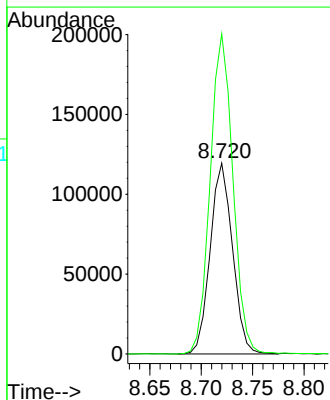
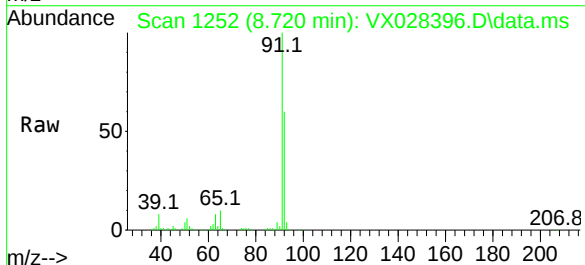
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

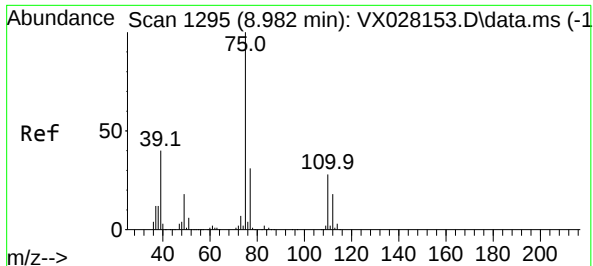
Tgt Ion: 43 Resp: 467678  
Ion Ratio Lower Upper  
43 100  
58 43.0 36.1 54.1



#52  
Toluene  
Concen: 18.613 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 92 Resp: 180486  
Ion Ratio Lower Upper  
92 100  
91 171.0 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 16.736 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

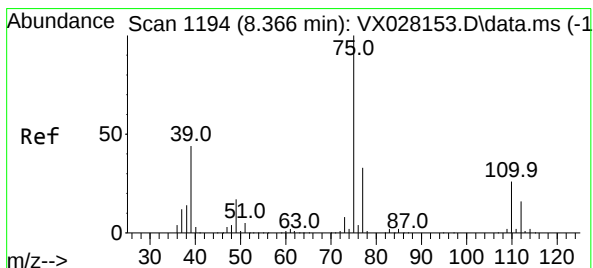
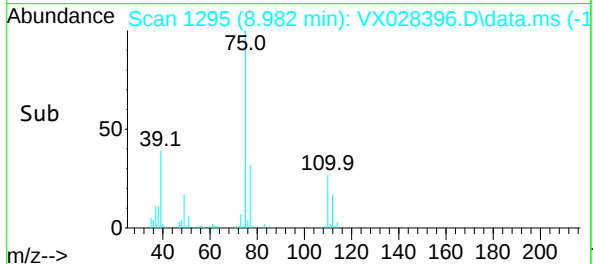
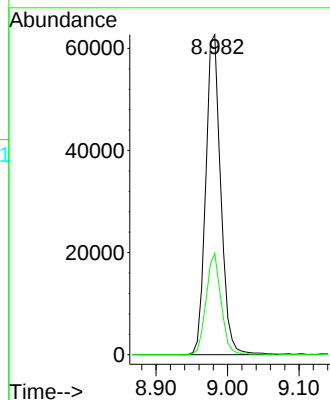
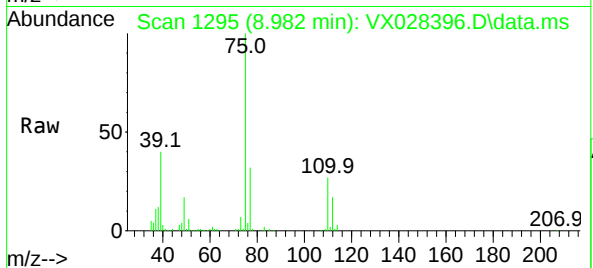
VX0428MBS01

Tgt Ion: 75 Resp: 91621

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 17.382 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

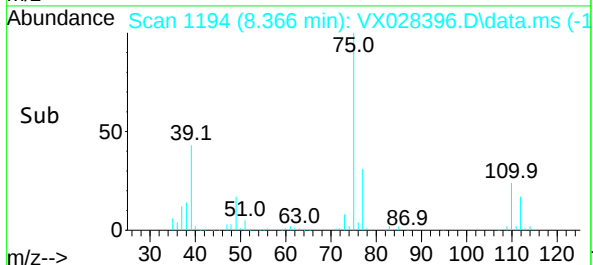
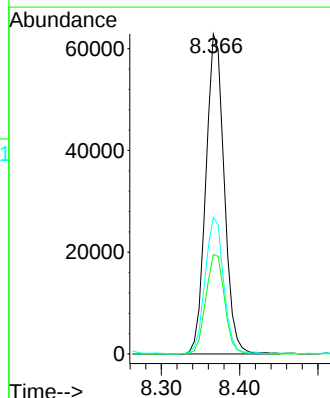
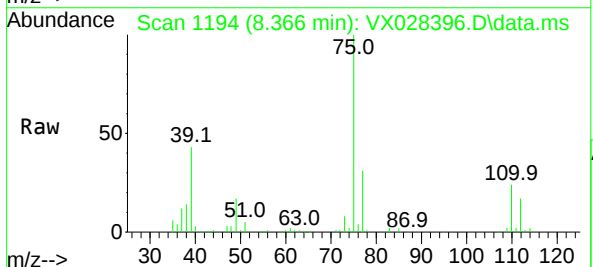
Tgt Ion: 75 Resp: 102179

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 42.6 29.6 44.4

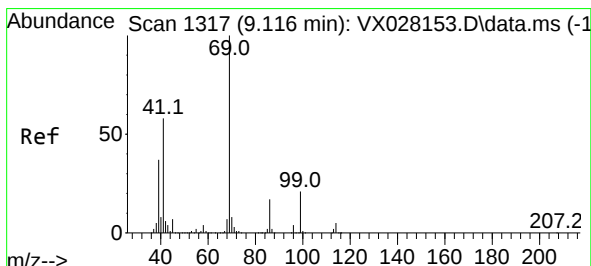
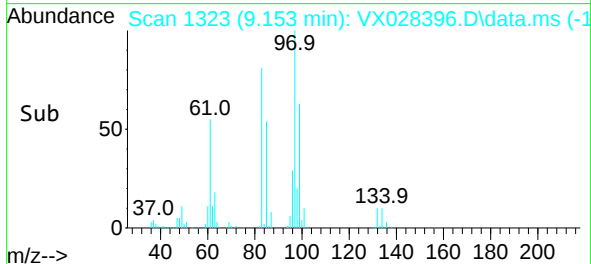
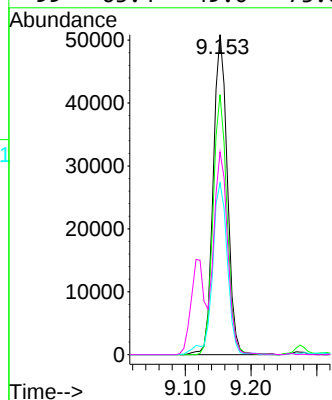
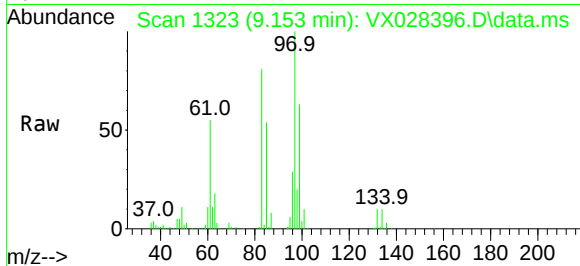




#55  
 1,1,2-Trichloroethane  
 Concen: 19.280 ug/l  
 RT: 9.153 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX028396.D  
 Acq: 28 Apr 2022 12:58

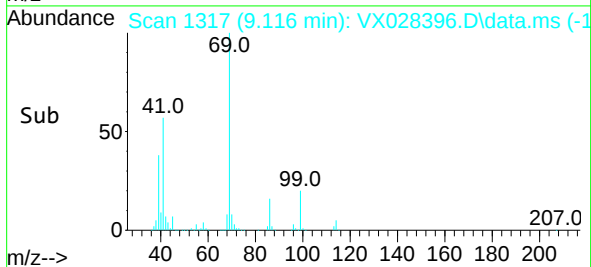
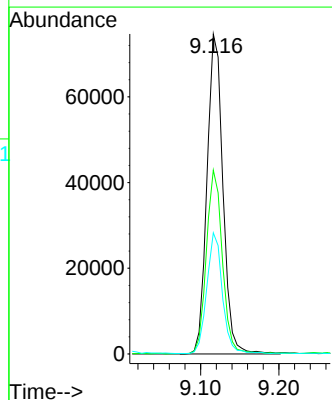
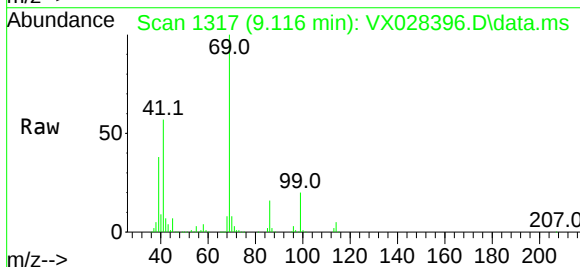
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0428MBS01

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 75961 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 81.2     | 66.2 99.4   |
| 85 53.7     | 42.9 64.3   |
| 99 63.4     | 49.0 73.6   |



#56  
 Ethyl methacrylate  
 Concen: 18.453 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. 0.000 min  
 Lab File: VX028396.D  
 Acq: 28 Apr 2022 12:58

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion: 69 | Resp: 105388 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 69 100      |              |       |  |
| 41 58.2     | 43.8         | 65.6  |  |
| 39 37.0     | 22.2         | 33.2# |  |





#57

1,3-Dichloropropane

Concen: 19.033 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

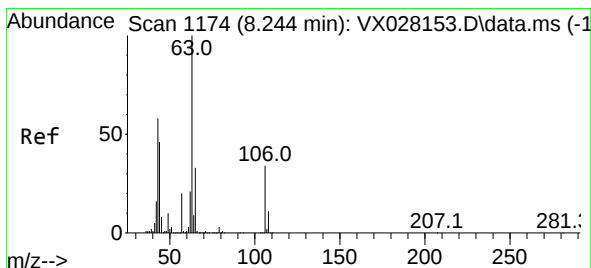
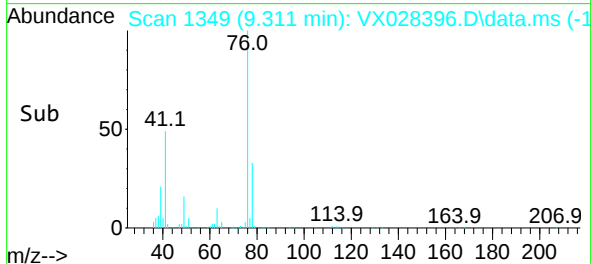
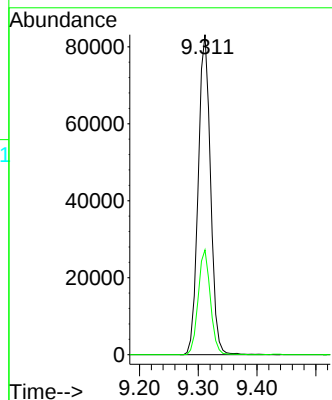
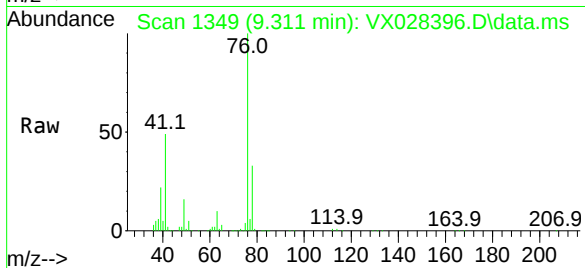
VX0428MBS01

Tgt Ion: 76 Resp: 121036

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.393 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028396.D

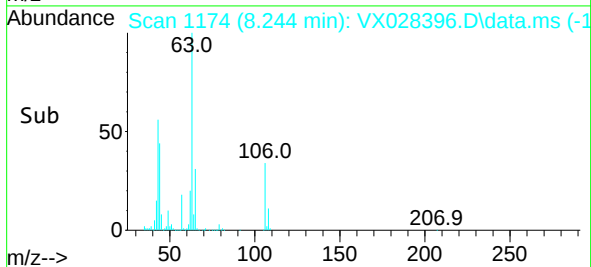
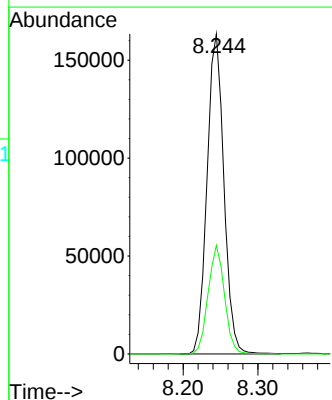
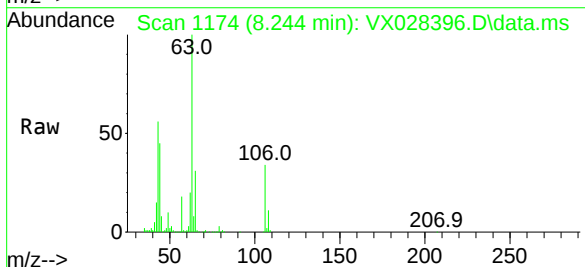
Acq: 28 Apr 2022 12:58

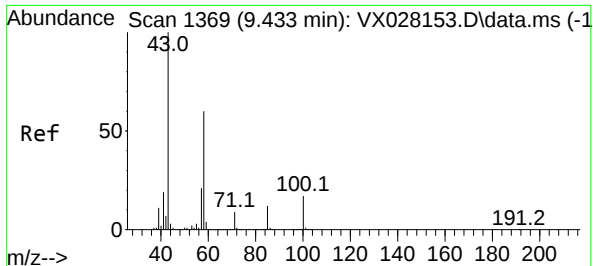
Tgt Ion: 63 Resp: 255618

Ion Ratio Lower Upper

63 100

106 33.1 23.9 35.9

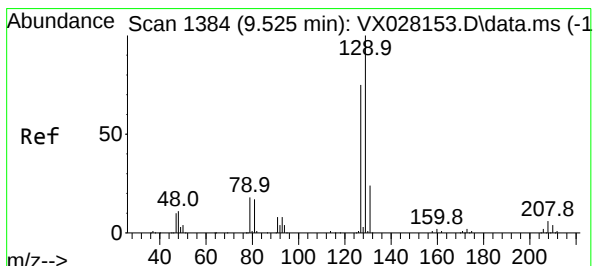
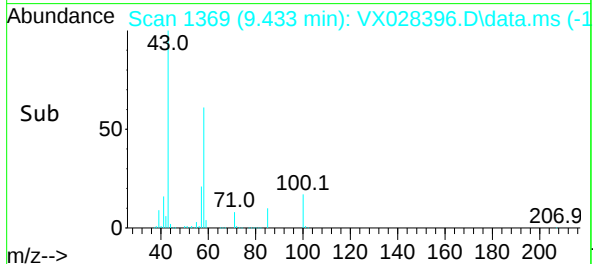
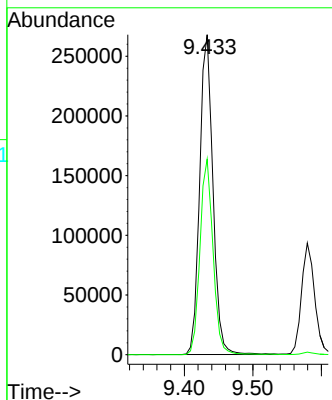
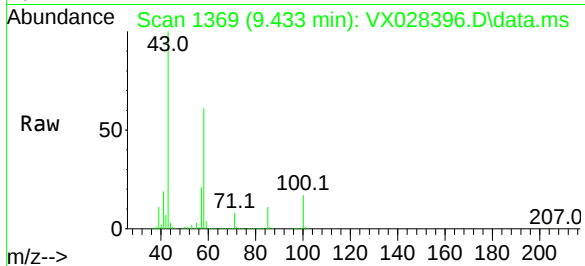




#59  
2-Hexanone  
Concen: 92.397 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

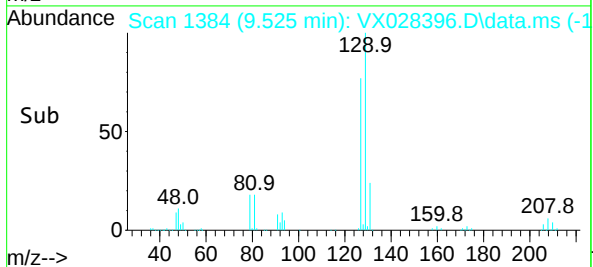
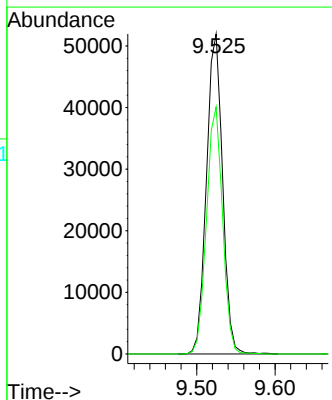
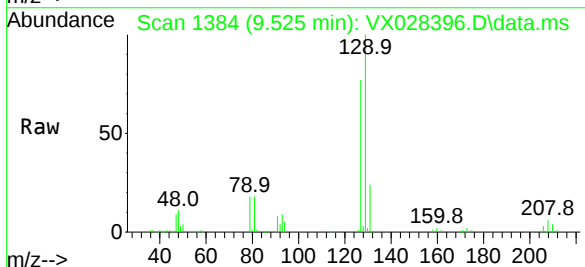
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

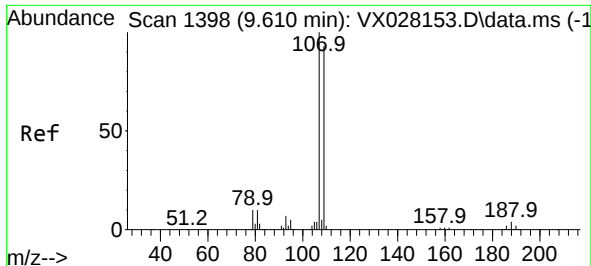
Tgt Ion: 43 Resp: 361656  
Ion Ratio Lower Upper  
43 100  
58 60.4 31.9 95.7



#60  
Dibromochloromethane  
Concen: 17.211 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 129 Resp: 73926  
Ion Ratio Lower Upper  
129 100  
127 77.0 40.3 120.8

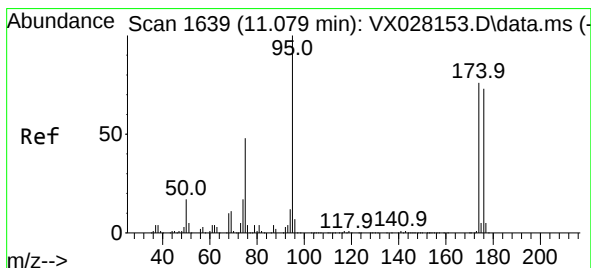
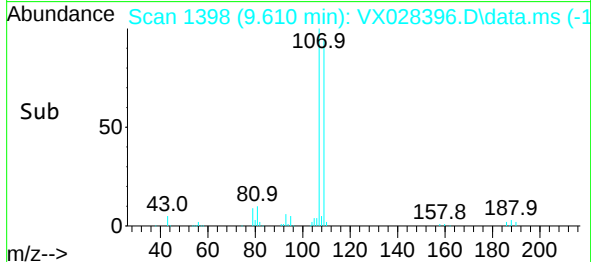
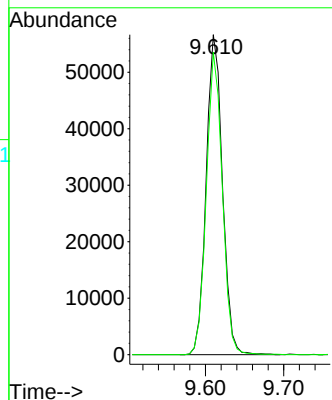
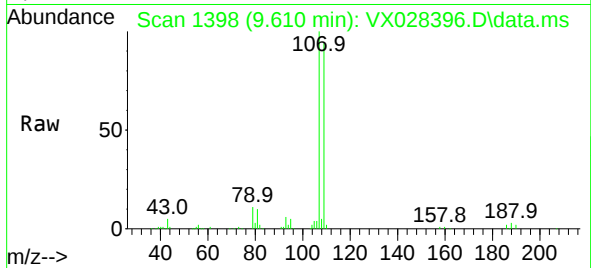




#61  
1,2-Dibromoethane  
Concen: 18.873 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

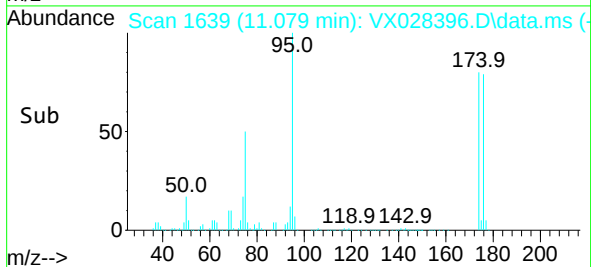
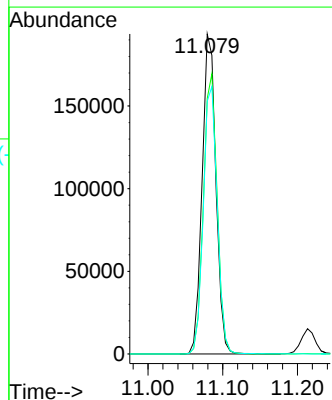
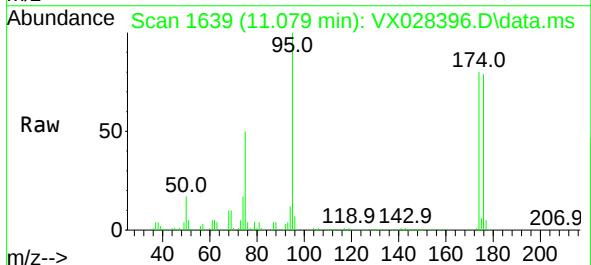
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

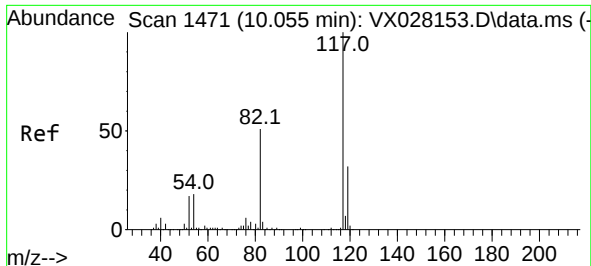
Tgt Ion:107 Resp: 81576  
Ion Ratio Lower Upper  
107 100  
109 92.9 74.4 111.6



#62  
4-Bromofluorobenzene  
Concen: 46.088 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 95 Resp: 247413  
Ion Ratio Lower Upper  
95 100  
174 87.2 0.0 163.0  
176 84.8 0.0 155.0

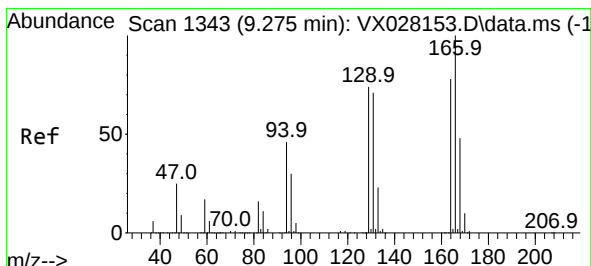
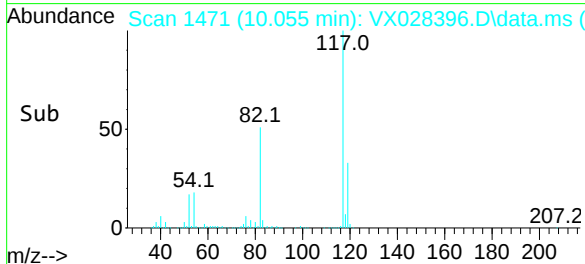
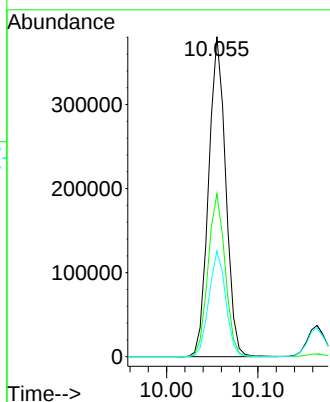
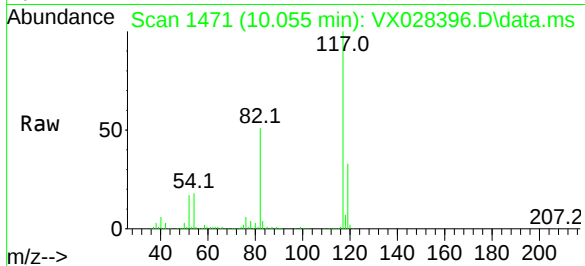




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

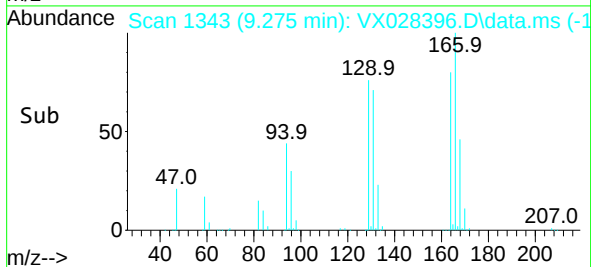
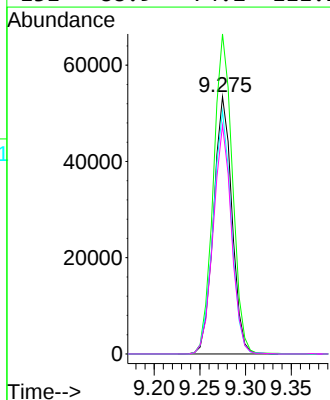
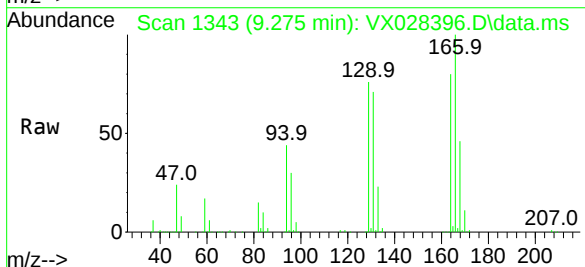
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

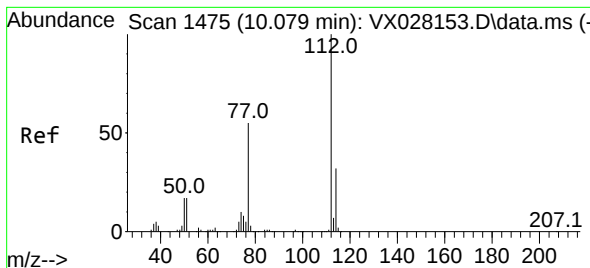
Tgt Ion:117 Resp: 494824  
Ion Ratio Lower Upper  
117 100  
82 50.9 41.8 62.8  
119 33.0 24.8 37.2



#64  
Tetrachloroethene  
Concen: 19.300 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion:164 Resp: 74596  
Ion Ratio Lower Upper  
164 100  
166 124.4 101.2 151.8  
129 94.4 73.0 109.4  
131 88.9 74.2 111.2

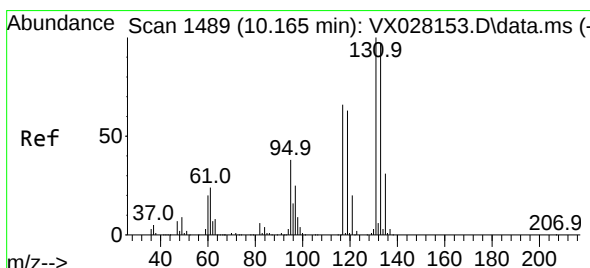
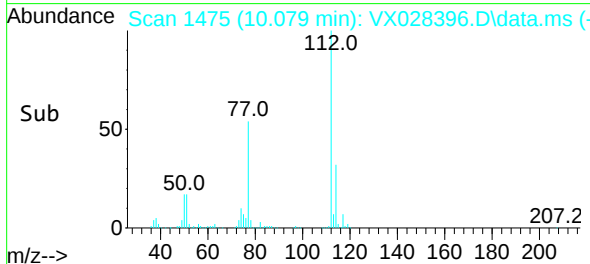
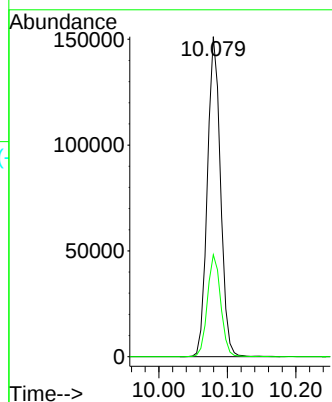
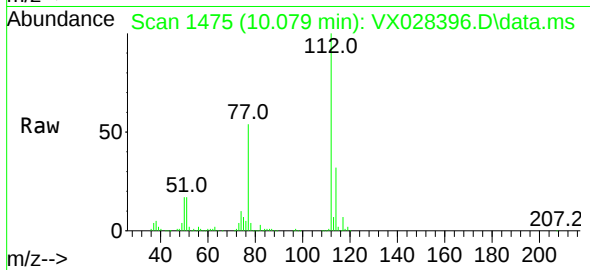




#65  
Chlorobenzene  
Concen: 19.125 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

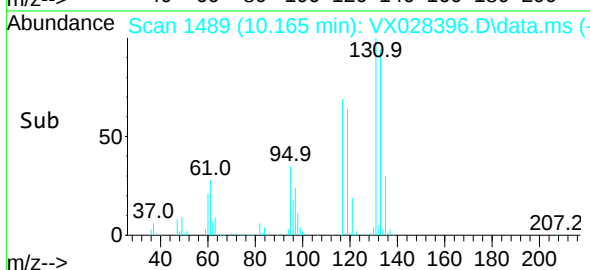
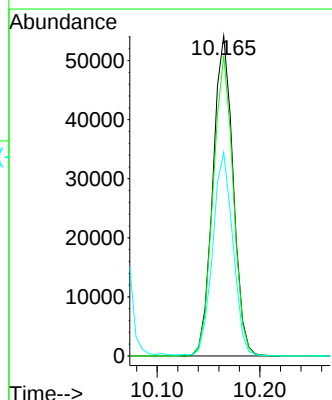
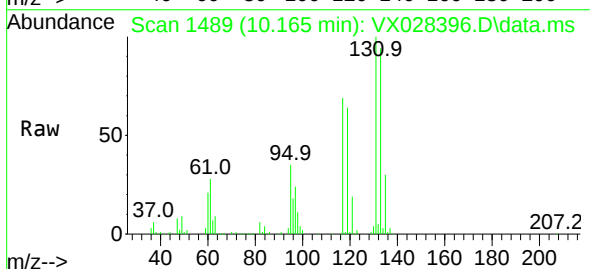
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

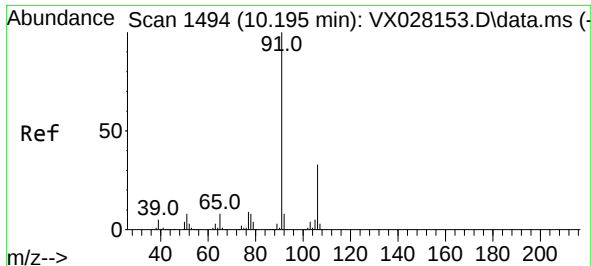
Tgt Ion:112 Resp: 201770  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.755 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion:131 Resp: 73710  
Ion Ratio Lower Upper  
131 100  
133 93.3 48.3 144.8  
119 63.7 32.6 98.0

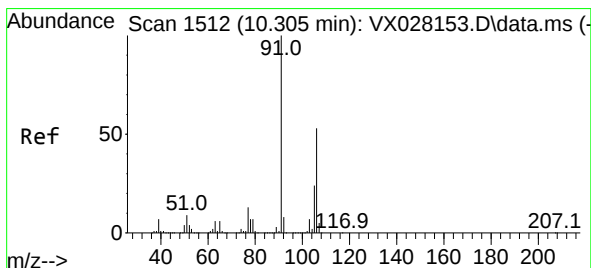
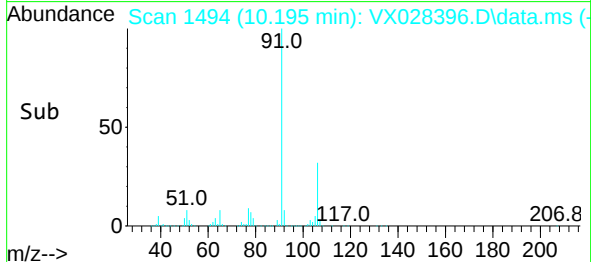
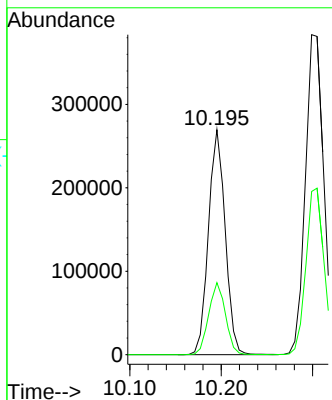
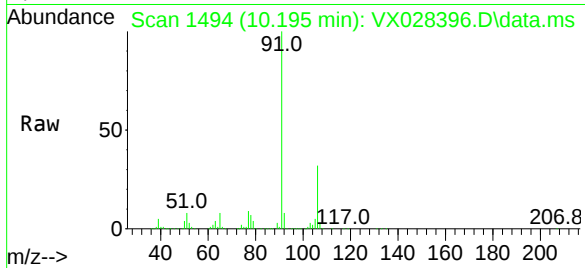




#67  
Ethyl Benzene  
Concen: 19.395 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

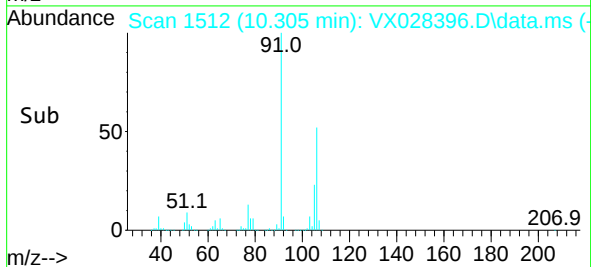
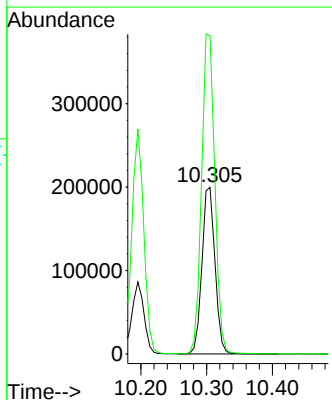
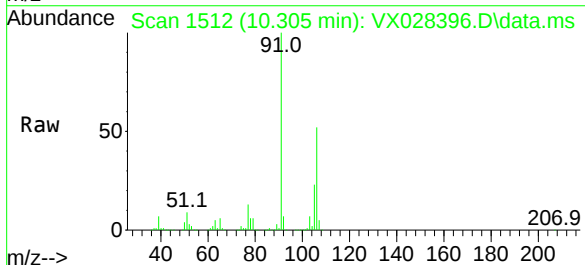
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

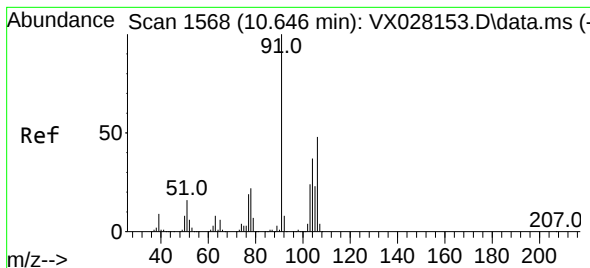
Tgt Ion: 91 Resp: 343104  
Ion Ratio Lower Upper  
91 100  
106 32.0 24.6 36.8



#68  
m/p-Xylenes  
Concen: 38.222 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 106 Resp: 275196  
Ion Ratio Lower Upper  
106 100  
91 194.5 160.4 240.6





#69

o-Xylene

Concen: 18.948 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

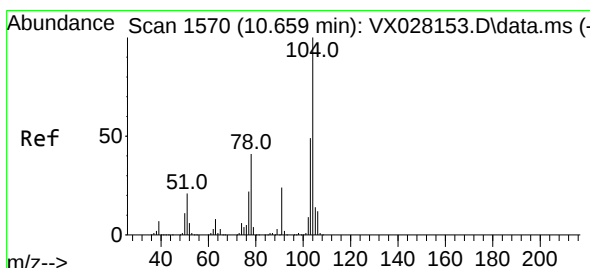
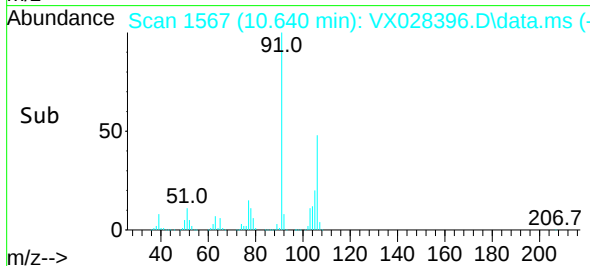
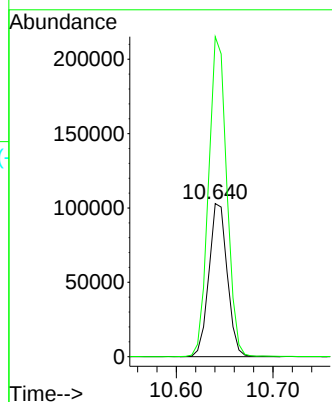
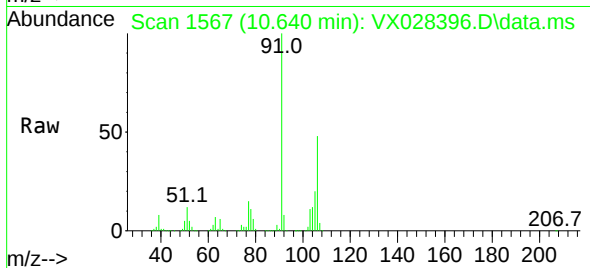
VX0428MBS01

Tgt Ion:106 Resp: 136019

Ion Ratio Lower Upper

106 100

91 207.6 106.1 318.1



#70

Styrene

Concen: 19.357 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

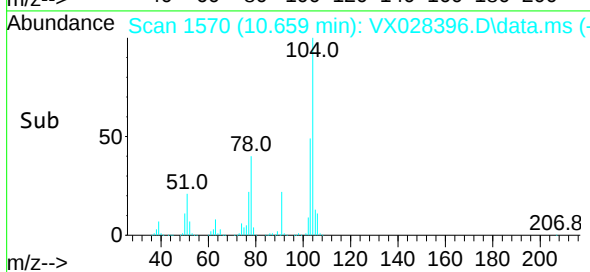
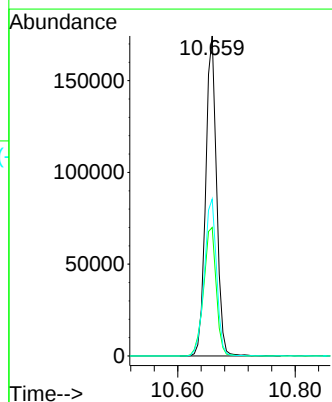
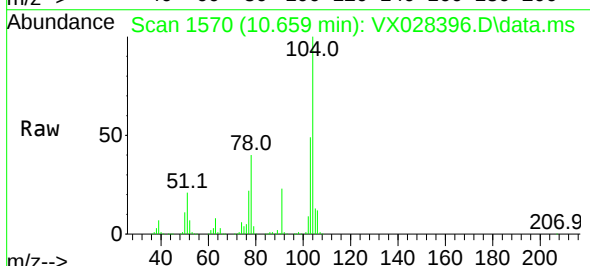
Tgt Ion:104 Resp: 225114

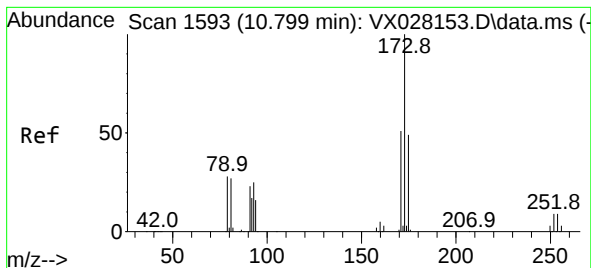
Ion Ratio Lower Upper

104 100

78 46.4 38.6 57.8

103 54.8 43.8 65.8





#71

Bromoform

Concen: 17.330 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VX0428MBS01

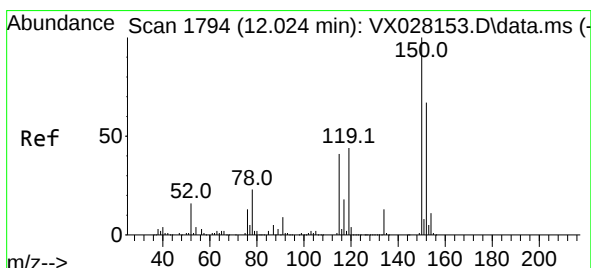
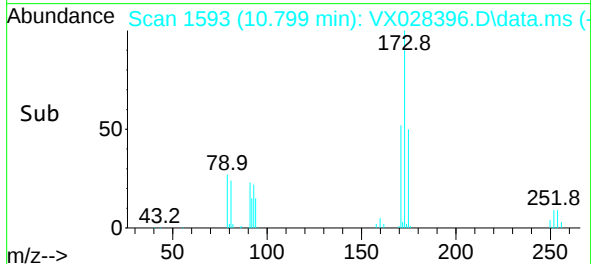
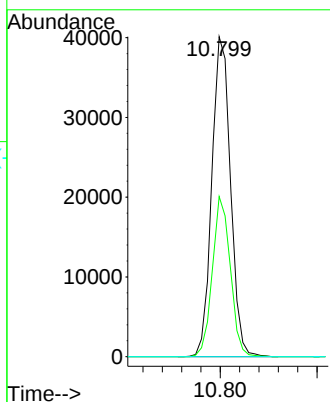
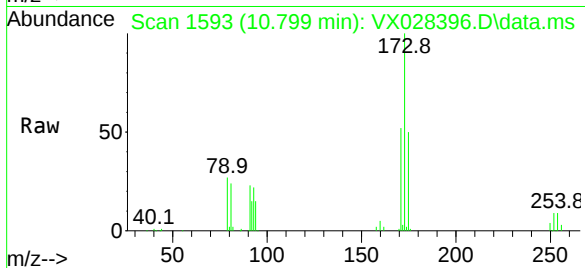
Tgt Ion:173 Resp: 53724

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

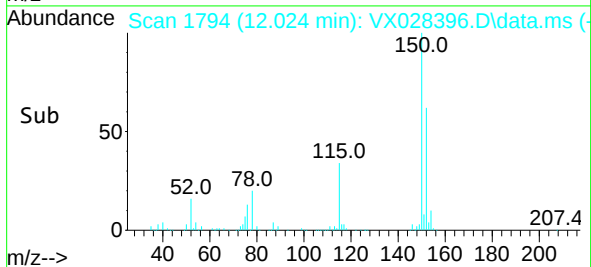
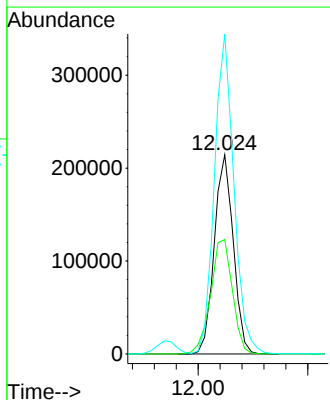
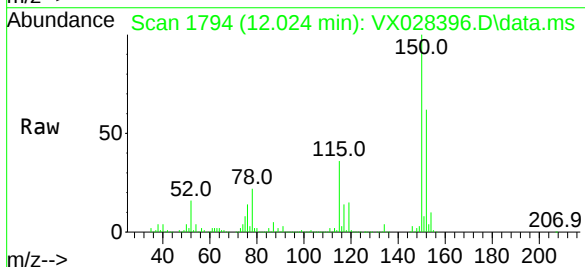
Tgt Ion:152 Resp: 258462

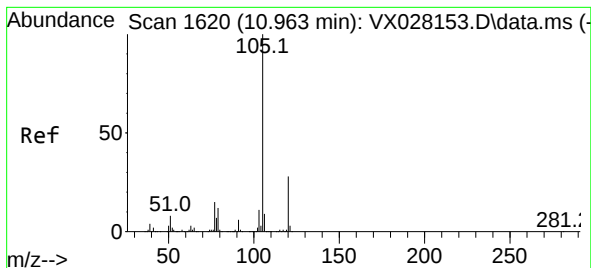
Ion Ratio Lower Upper

152 100

115 65.6 37.5 112.7

150 165.2 0.0 338.2





#73

Isopropylbenzene

Concen: 19.900 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

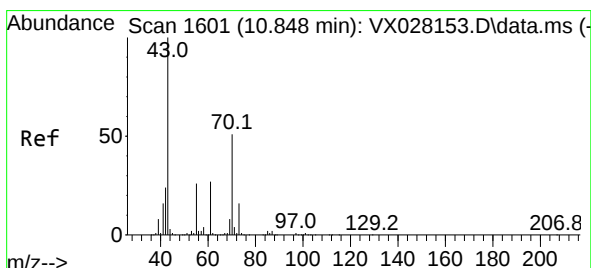
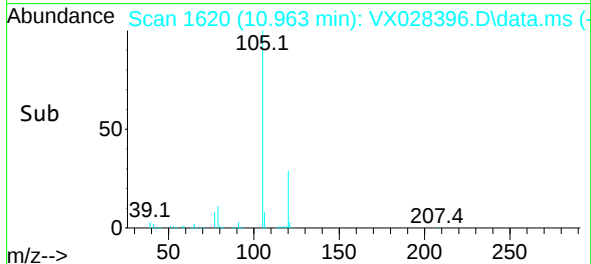
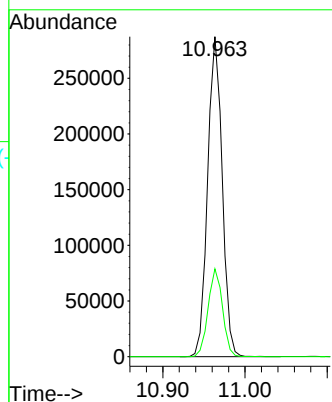
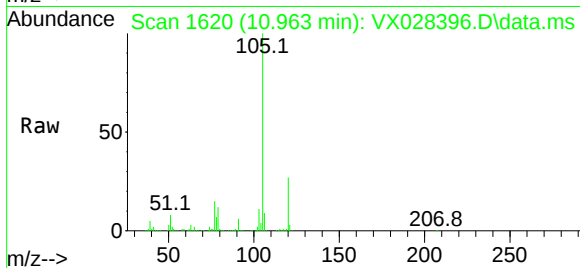
VX0428MBS01

Tgt Ion:105 Resp: 353518

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-ethyl acetate

Concen: 19.146 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. -0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Tgt Ion: 43 Resp: 117558

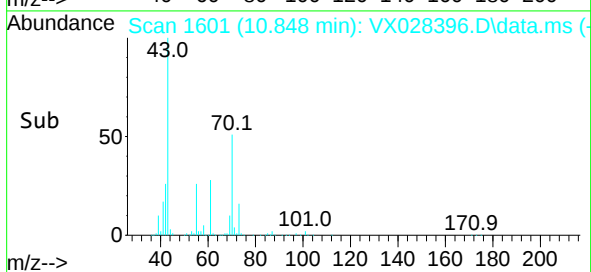
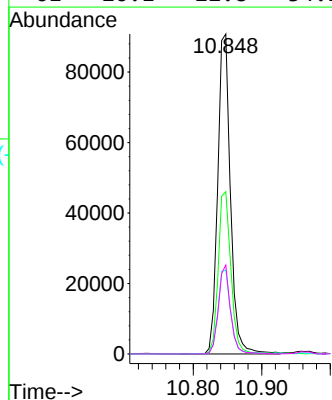
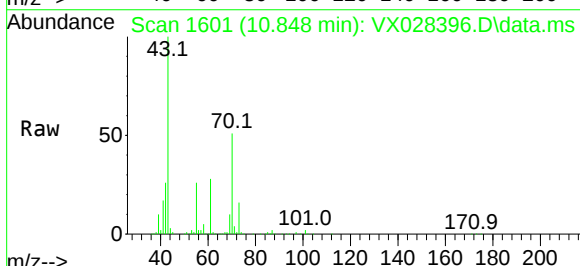
Ion Ratio Lower Upper

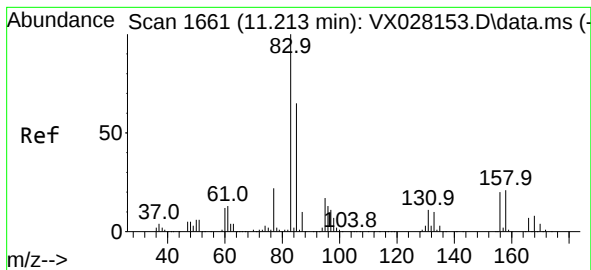
43 100

70 50.7 42.5 63.7

55 26.3 23.1 34.7

61 26.1 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.619 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VX0428MBS01

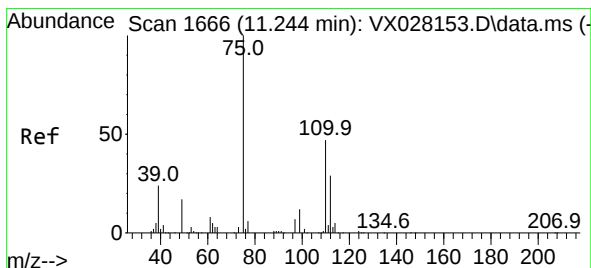
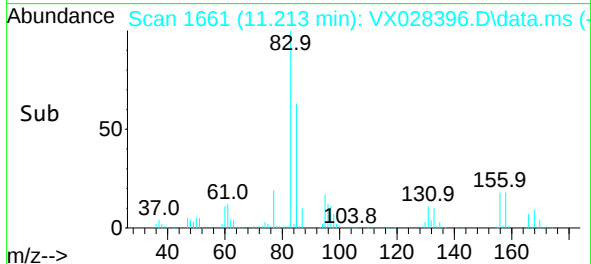
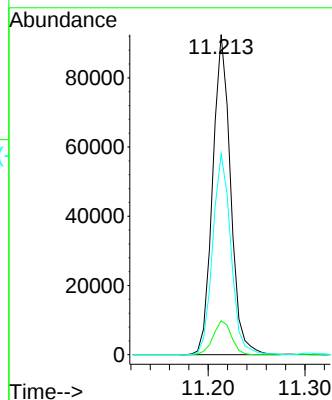
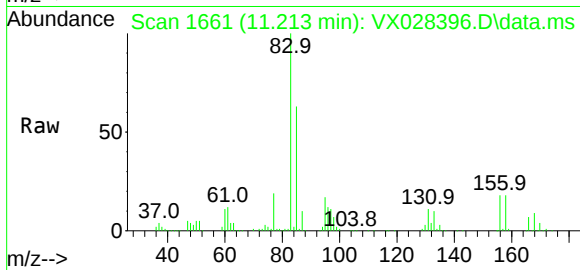
Tgt Ion: 83 Resp: 118867

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

85 63.8 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 23.670 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VX028396.D

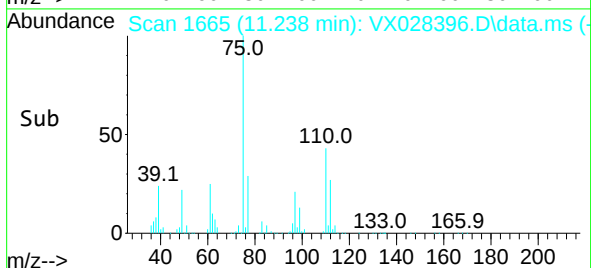
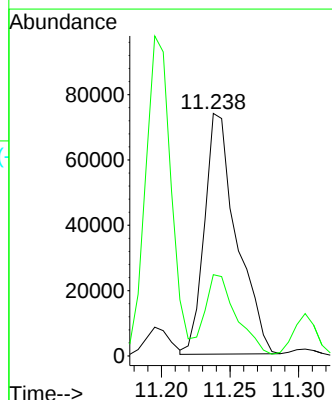
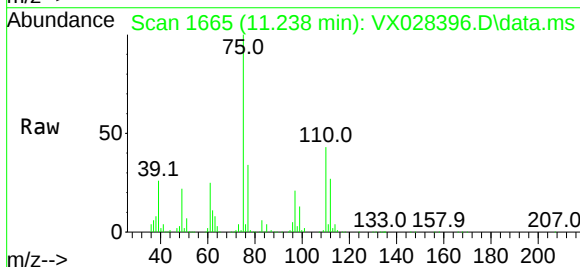
Acq: 28 Apr 2022 12:58

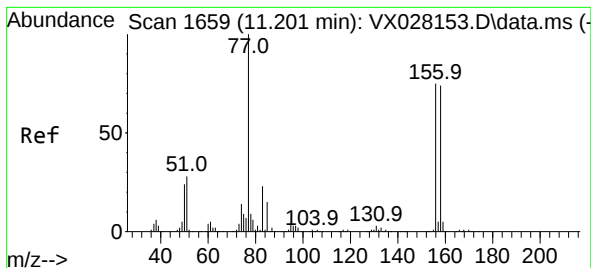
Tgt Ion: 75 Resp: 120402

Ion Ratio Lower Upper

75 100

77 33.8 19.4 58.2





#77

Bromobenzene

Concen: 19.766 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VX0428MBS01

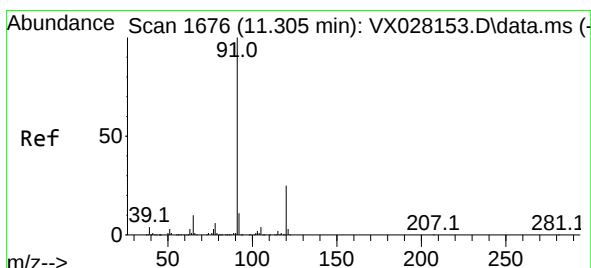
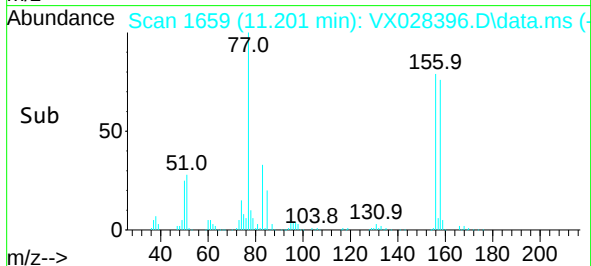
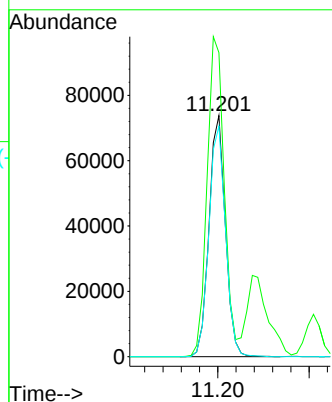
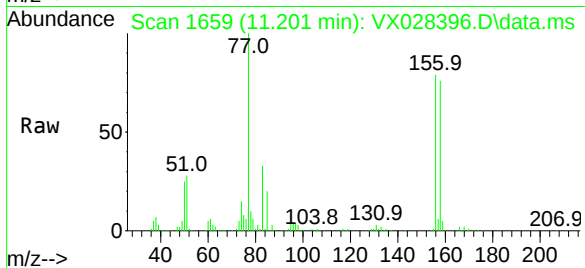
Tgt Ion:156 Resp: 91453

Ion Ratio Lower Upper

156 100

77 138.4 78.5 235.3

158 97.3 50.2 150.7



#78

n-propylbenzene

Concen: 19.822 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX028396.D

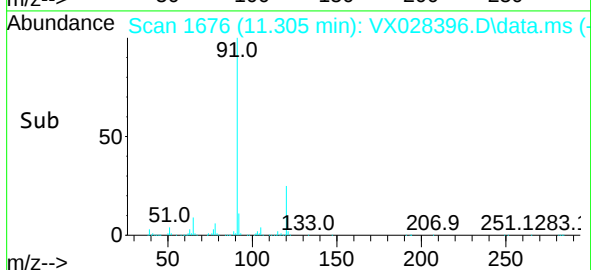
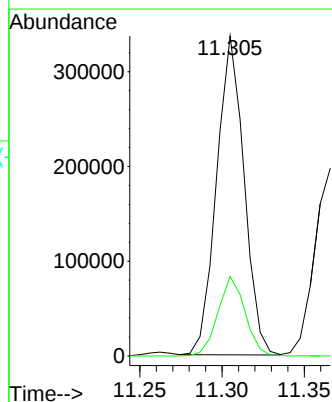
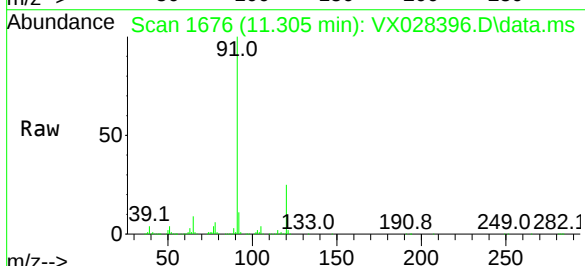
Acq: 28 Apr 2022 12:58

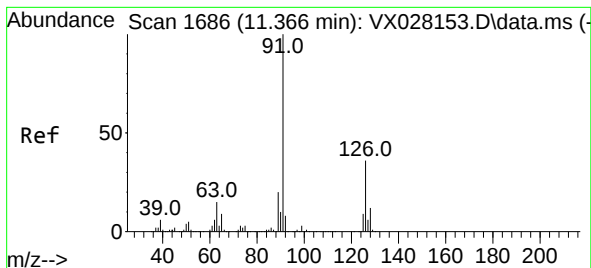
Tgt Ion: 91 Resp: 390470

Ion Ratio Lower Upper

91 100

120 24.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 19.826 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

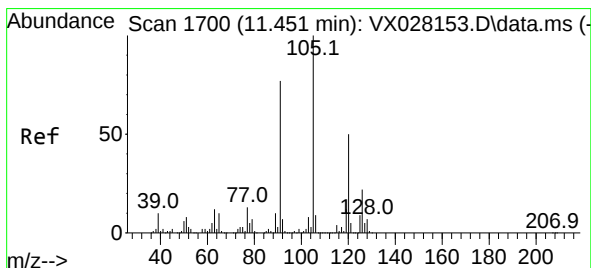
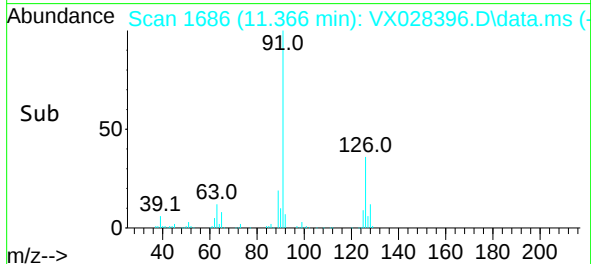
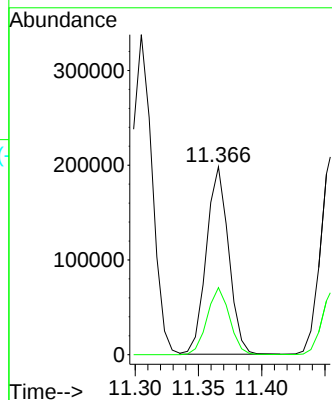
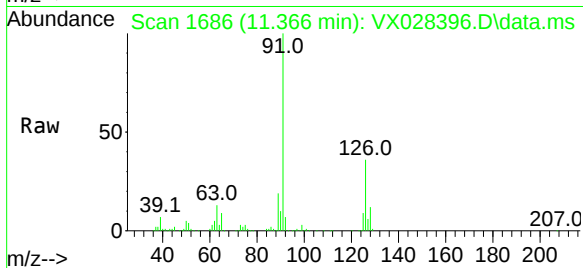
VX0428MBS01

Tgt Ion: 91 Resp: 242806

Ion Ratio Lower Upper

91 100

126 36.0 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 19.712 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX028396.D

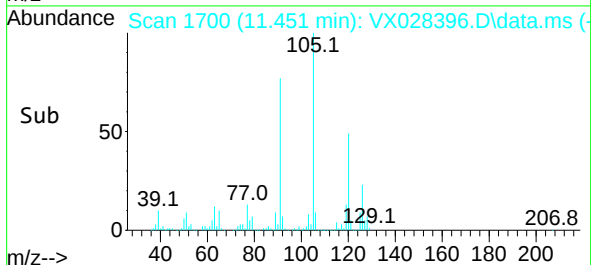
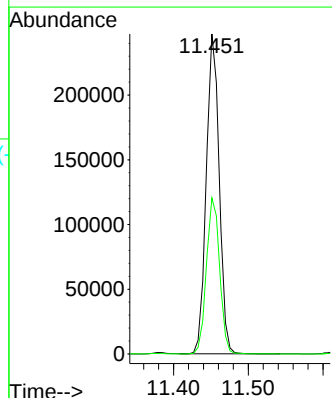
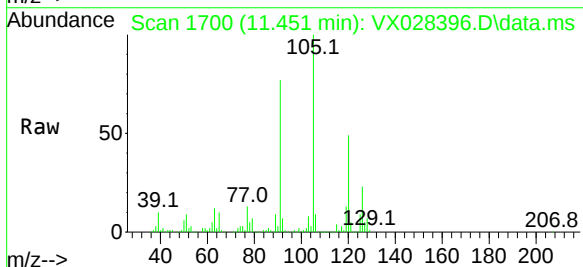
Acq: 28 Apr 2022 12:58

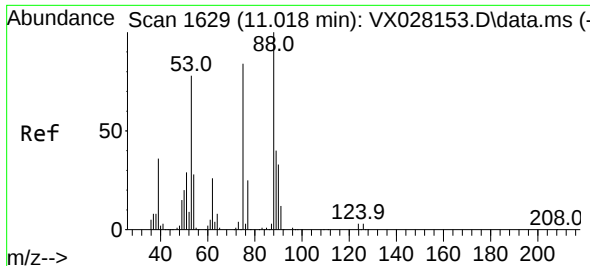
Tgt Ion: 105 Resp: 297258

Ion Ratio Lower Upper

105 100

120 50.0 24.3 72.9

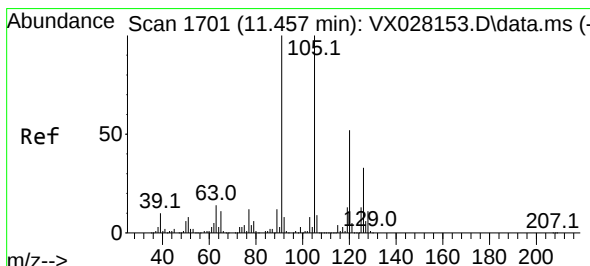
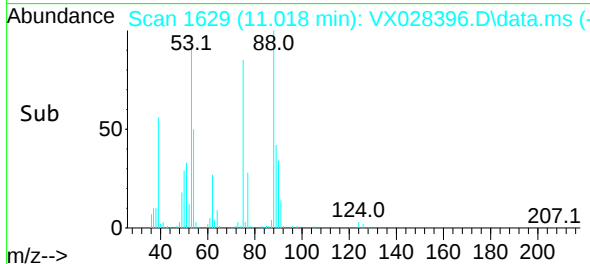
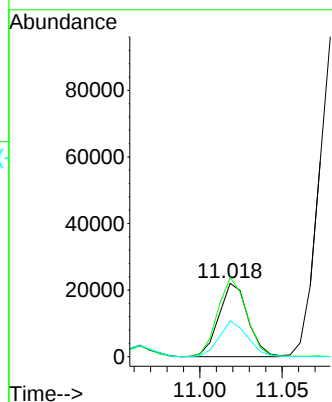
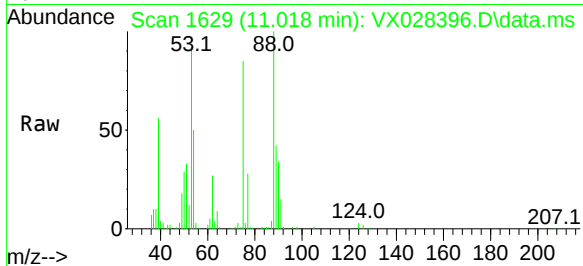




#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.912 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

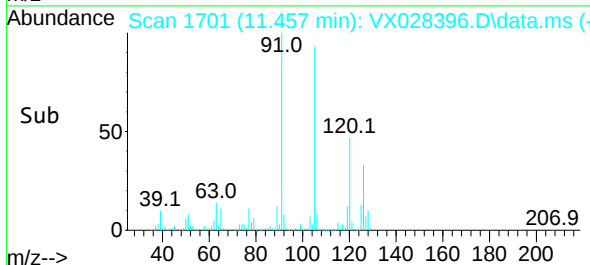
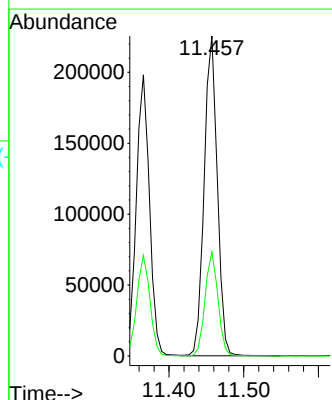
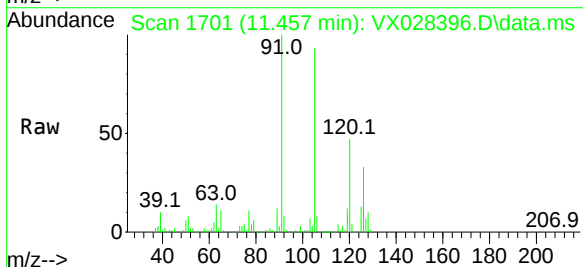
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

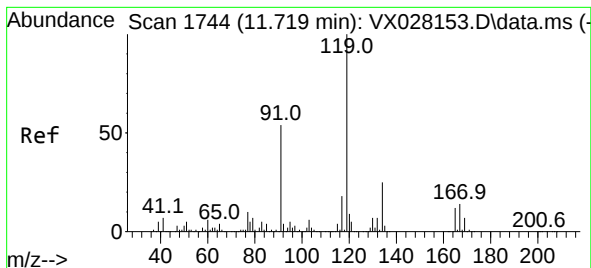
Tgt Ion: 75 Resp: 27237  
Ion Ratio Lower Upper  
75 100  
53 107.3 69.0 103.4#  
89 47.4 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 19.524 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 91 Resp: 275436  
Ion Ratio Lower Upper  
91 100  
126 31.8 14.9 44.5





#83

tert-Butylbenzene

Concen: 19.425 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VX0428MBS01

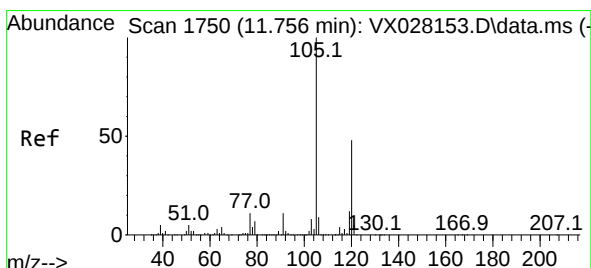
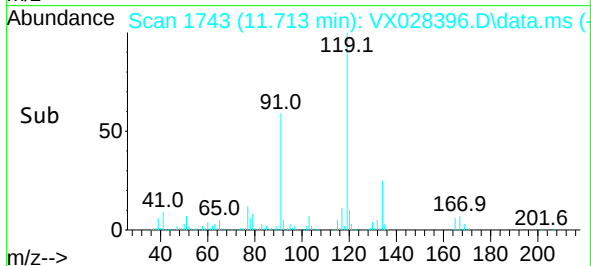
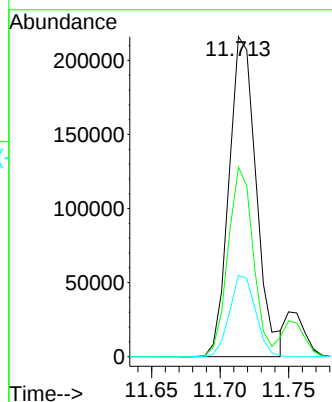
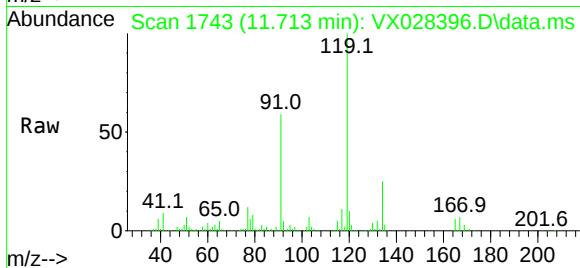
Tgt Ion:119 Resp: 299111

Ion Ratio Lower Upper

119 100

91 54.8 26.9 80.6

134 24.2 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 19.659 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX028396.D

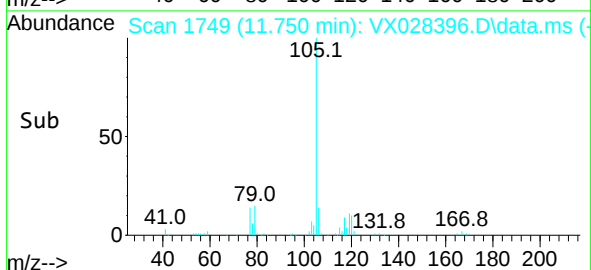
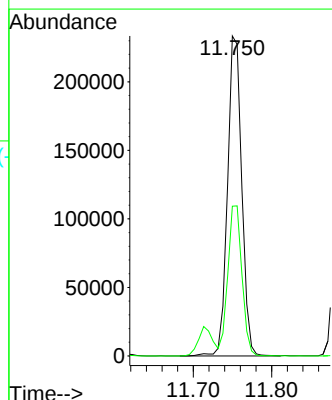
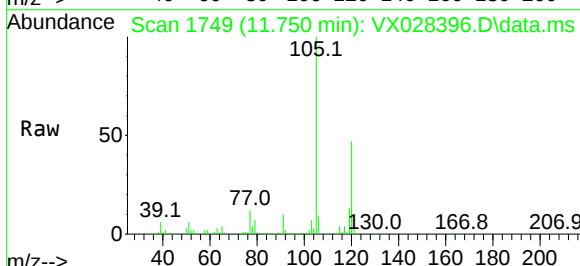
Acq: 28 Apr 2022 12:58

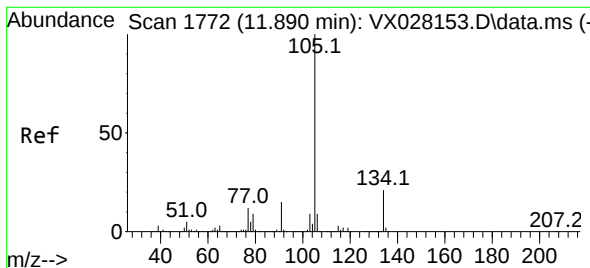
Tgt Ion:105 Resp: 294687

Ion Ratio Lower Upper

105 100

120 46.7 22.6 67.8





#85

sec-Butylbenzene

Concen: 19.089 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

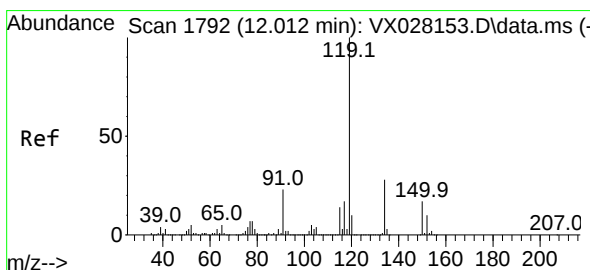
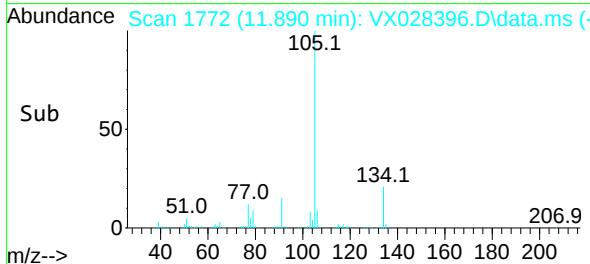
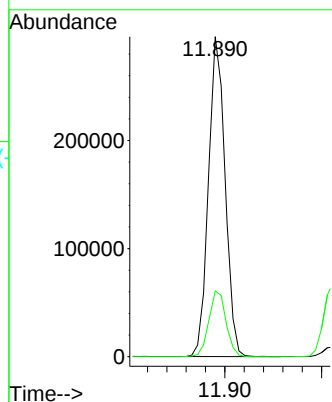
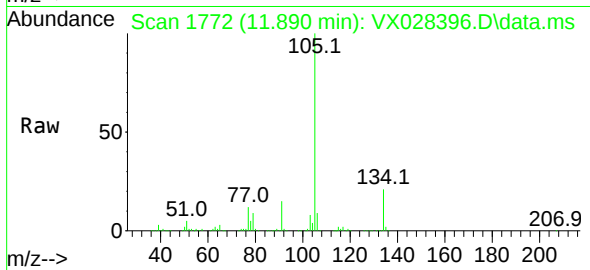
VX0428MBS01

Tgt Ion:105 Resp: 354632

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.020 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

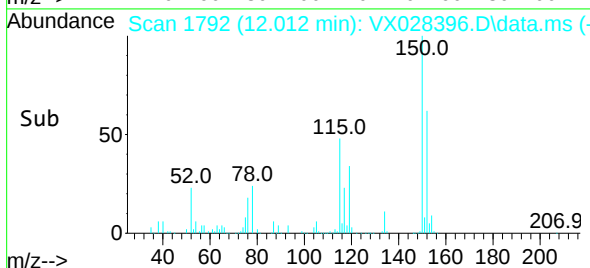
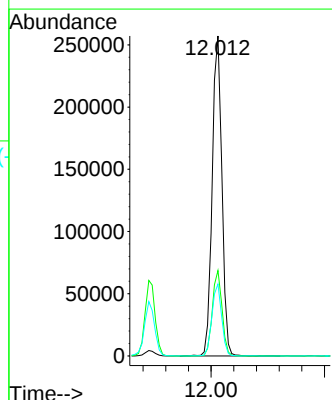
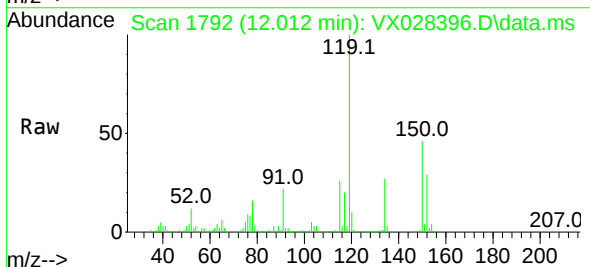
Tgt Ion:119 Resp: 304828

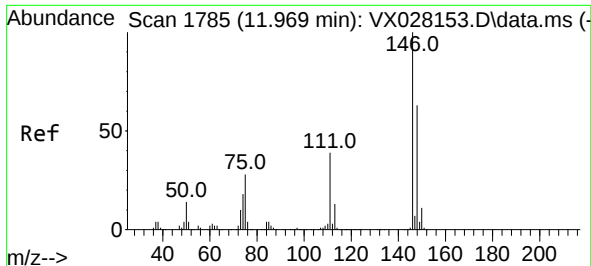
Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

91 22.5 11.3 33.9

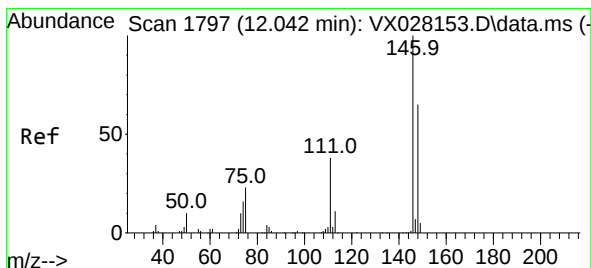
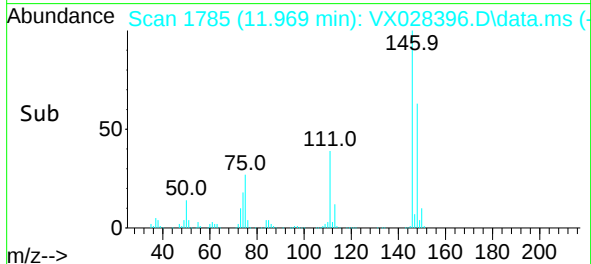
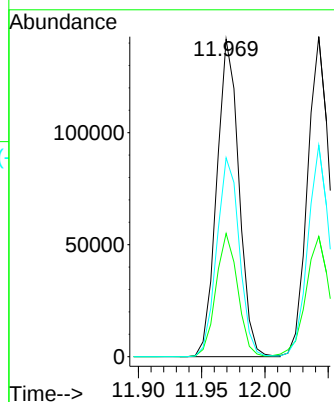
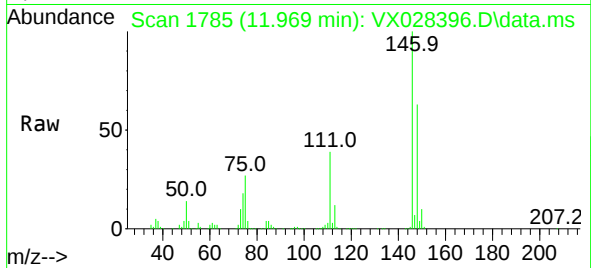




#87  
1,3-Dichlorobenzene  
Concen: 19.880 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

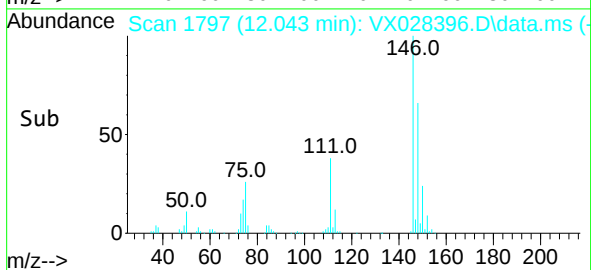
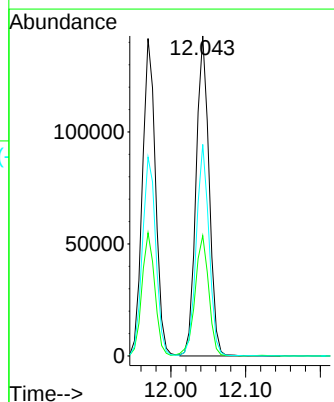
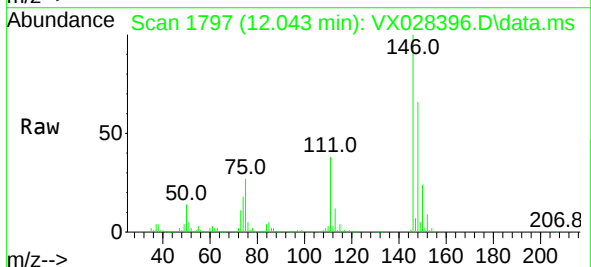
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

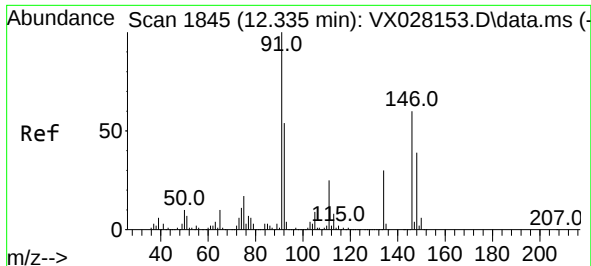
Tgt Ion:146 Resp: 172825  
Ion Ratio Lower Upper  
146 100  
111 38.1 19.7 59.1  
148 63.7 31.6 94.7



#88  
1,4-Dichlorobenzene  
Concen: 18.995 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.001 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion:146 Resp: 173389  
Ion Ratio Lower Upper  
146 100  
111 39.2 19.2 57.6  
148 64.6 32.3 96.9

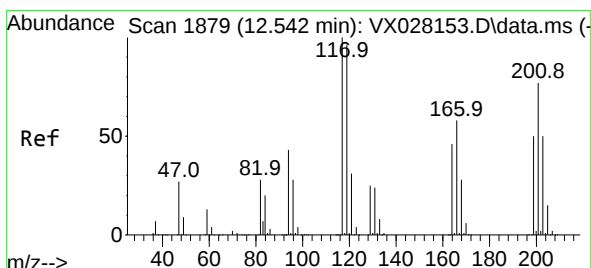
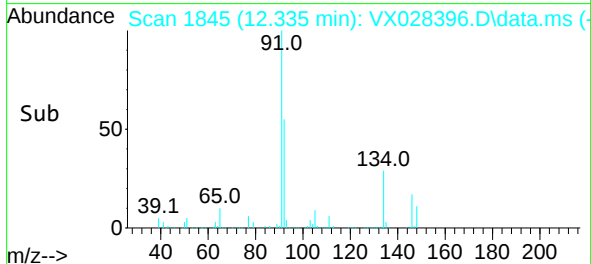
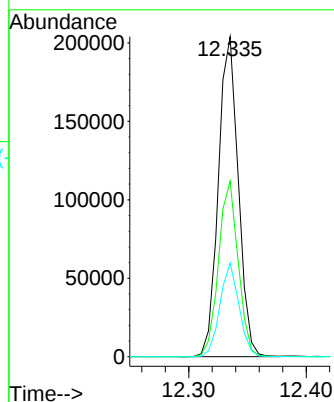
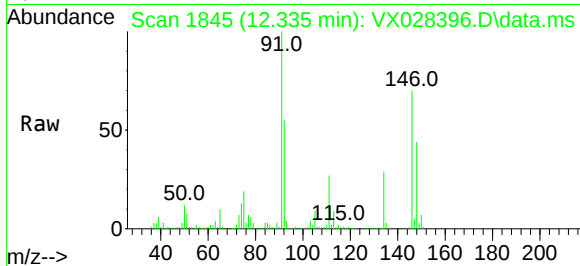




#89  
n-Butylbenzene  
Concen: 18.262 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

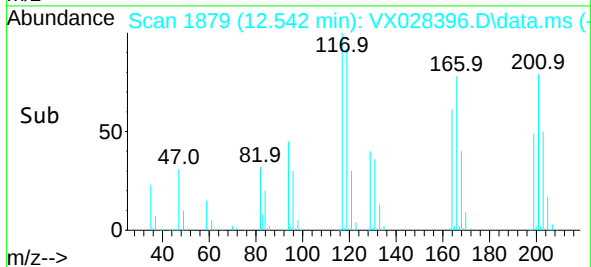
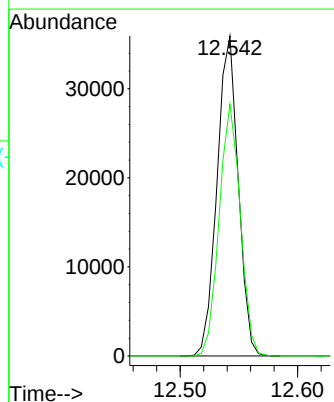
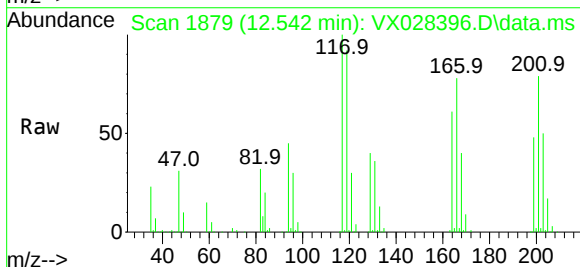
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0428MBS01

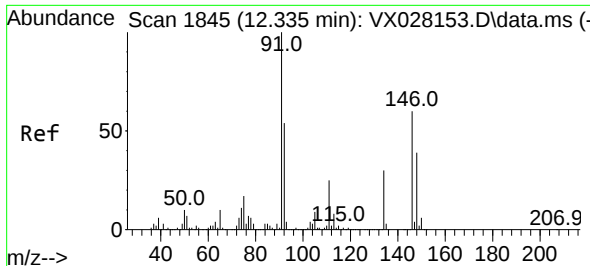
Tgt Ion: 91 Resp: 240324  
Ion Ratio Lower Upper  
91 100  
92 54.1 27.8 83.3  
134 28.1 13.3 39.8



#90  
Hexachloroethane  
Concen: 16.872 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX028396.D  
Acq: 28 Apr 2022 12:58

Tgt Ion: 117 Resp: 45059  
Ion Ratio Lower Upper  
117 100  
201 78.6 39.5 118.5





#91

1,2-Dichlorobenzene

Concen: 20.183 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VX0428MBS01

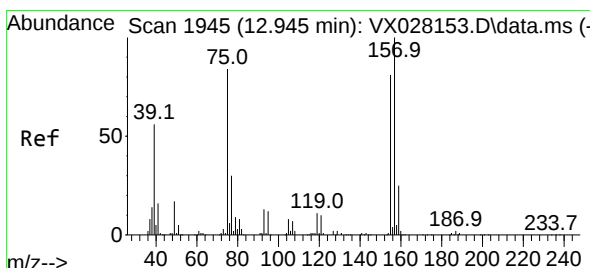
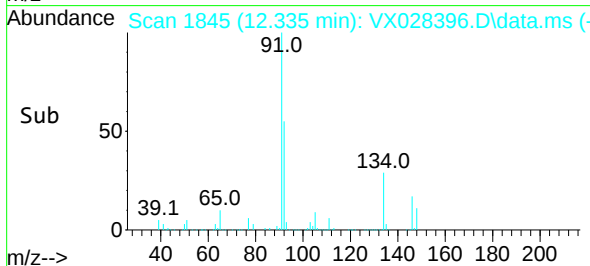
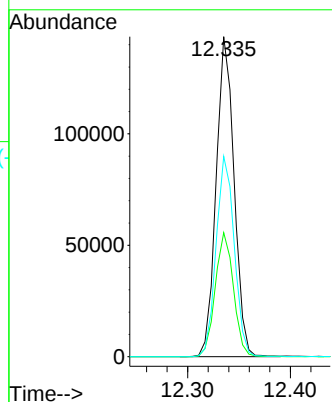
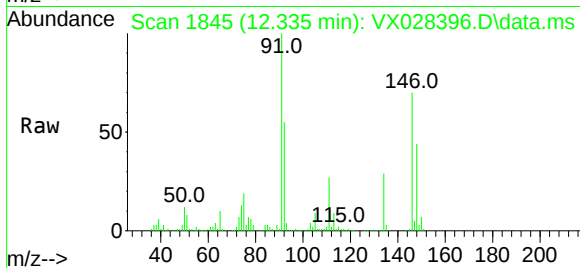
Tgt Ion:146 Resp: 174304

Ion Ratio Lower Upper

146 100

111 39.3 21.0 63.0

148 63.4 32.6 97.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.480 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

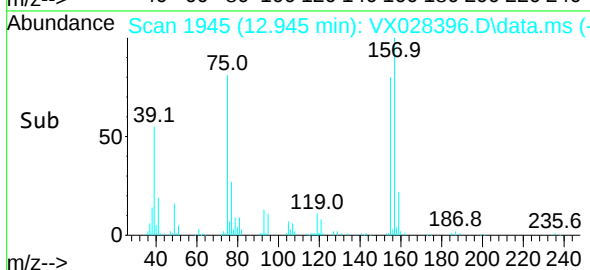
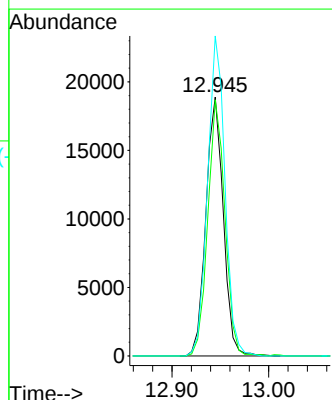
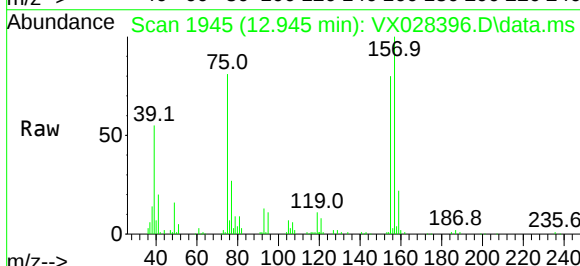
Tgt Ion: 75 Resp: 23693

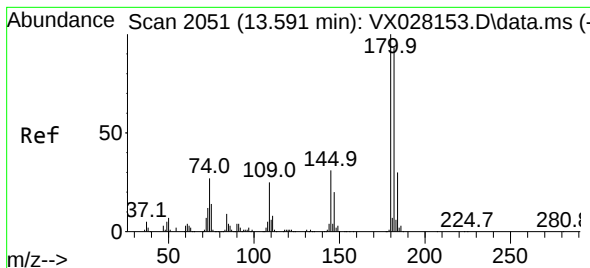
Ion Ratio Lower Upper

75 100

155 97.2 47.0 141.2

157 123.2 57.9 173.6

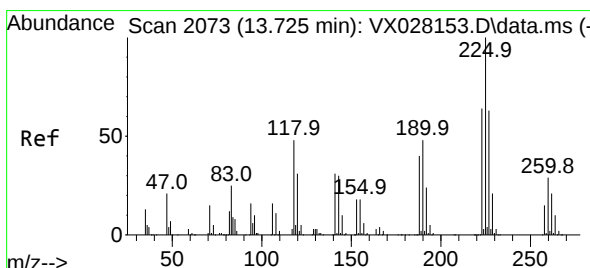
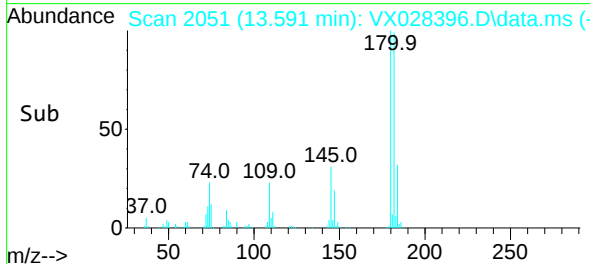
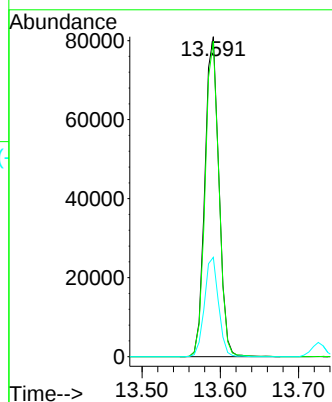
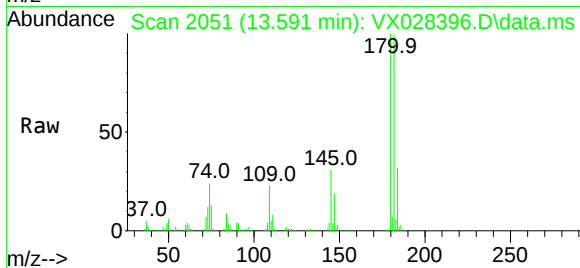




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.593 ug/l  
 RT: 13.591 min Scan# 2051  
 Delta R.T. 0.000 min  
 Lab File: VX028396.D  
 Acq: 28 Apr 2022 12:58

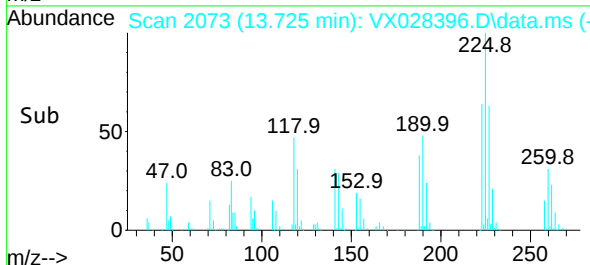
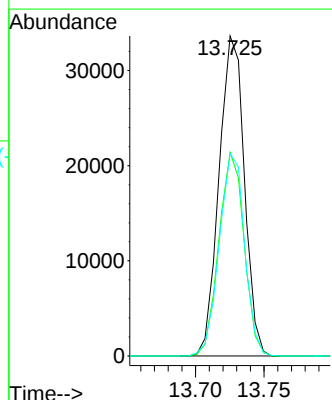
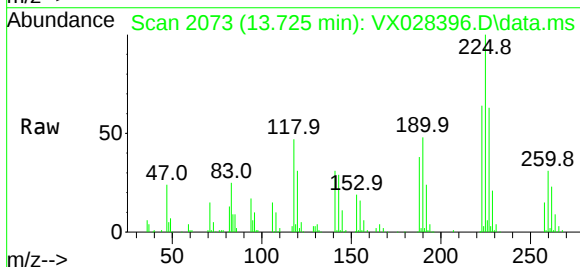
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0428MBS01

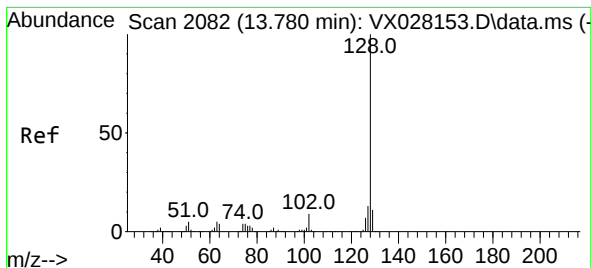
Tgt Ion:180 Resp: 100639  
 Ion Ratio Lower Upper  
 180 100  
 182 96.8 47.7 143.1  
 145 31.2 15.2 45.5



#94  
 Hexachlorobutadiene  
 Concen: 18.815 ug/l  
 RT: 13.725 min Scan# 2073  
 Delta R.T. 0.000 min  
 Lab File: VX028396.D  
 Acq: 28 Apr 2022 12:58

Tgt Ion:225 Resp: 43125  
 Ion Ratio Lower Upper  
 225 100  
 223 63.2 34.2 102.5  
 227 63.4 33.9 101.7





#95

Naphthalene

Concen: 20.593 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Instrument :

MSVOA\_X

ClientSampleId :

VX0428MBS01

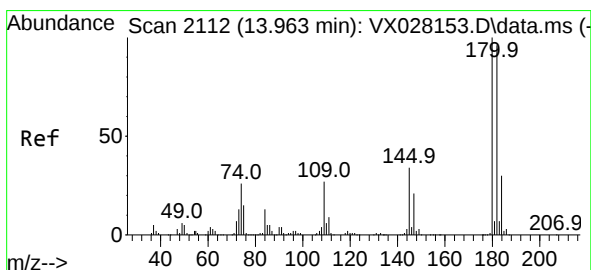
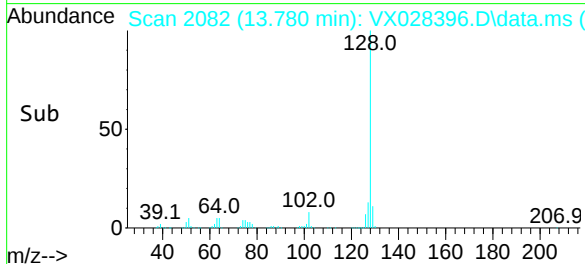
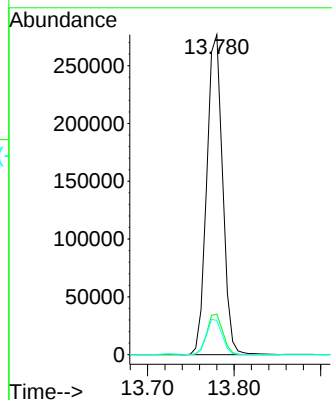
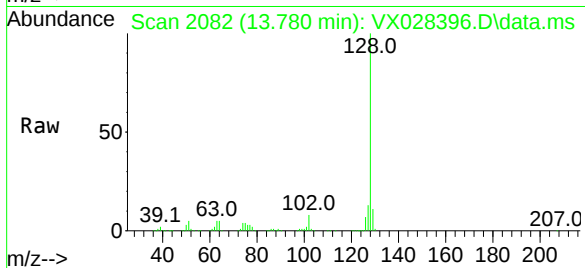
Tgt Ion:128 Resp: 352364

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.903 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX028396.D

Acq: 28 Apr 2022 12:58

Tgt Ion:180 Resp: 100350

Ion Ratio Lower Upper

180 100

182 95.9 50.0 149.8

145 32.6 16.2 48.5

