

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070921\  
 Data File : VY005393.D  
 Acq On : 09 Jul 2021 11:35  
 Operator : SY/MD  
 Sample : VSTDIC020  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 10 07:32:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070921S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 10 07:30:20 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 321664   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 461028   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 426553   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 229367   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.148  | 65    | 63902    | 21.205   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 42.400%# |
| 35) Dibromofluoromethane    | 7.722  | 113   | 58510    | 21.625   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 43.260%# |
| 50) Toluene-d8              | 10.179 | 98    | 248928   | 21.614   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 43.220%# |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 82863    | 21.343   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 42.680%  |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 61139  | 21.334  | ug/l   | 98  |
| 3) Chloromethane             | 2.113 | 50  | 59690  | 20.471  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.253 | 62  | 73707  | 20.437  | ug/l   | 98  |
| 5) Bromomethane              | 2.637 | 94  | 53881  | 20.078  | ug/l   | 98  |
| 6) Chloroethane              | 2.790 | 64  | 46784  | 20.681  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.119 | 101 | 110936 | 20.890  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.533 | 74  | 38277  | 20.783  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 62788  | 21.027  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.094 | 142 | 77273  | 21.263  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.972 | 59  | 47040  | 109.262 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 63630  | 20.750  | ug/l   | 98  |
| 13) Acrolein                 | 3.735 | 56  | 21487  | 95.200  | ug/l   | 97  |
| 14) Allyl chloride           | 4.484 | 41  | 87997  | 20.628  | ug/l   | 100 |
| 15) Acrylonitrile            | 5.173 | 53  | 87490  | 104.380 | ug/l   | 100 |
| 16) Acetone                  | 3.960 | 43  | 64608  | 100.131 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.198 | 76  | 199633 | 20.855  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.491 | 43  | 36514  | 20.419  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.228 | 73  | 170586 | 20.554  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.722 | 84  | 86331  | 19.317  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 71762  | 20.999  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.124 | 45  | 178469 | 21.000  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.070 | 43  | 588665 | 104.685 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.021 | 63  | 110598 | 20.618  | ug/l   | 100 |
| 25) 2-Butanone               | 6.996 | 43  | 103592 | 101.889 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 101129 | 20.315  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 76727  | 20.272  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.338 | 49  | 38934  | 19.337  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.356 | 42  | 70848  | 105.049 | ug/l   | 100 |
| 30) Chloroform               | 7.508 | 83  | 119850 | 20.845  | ug/l   | 98  |
| 31) Cyclohexane              | 7.789 | 56  | 109364 | 20.477  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 7.703 | 97  | 110896 | 20.832  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 92616  | 20.578  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.082 | 43  | 46940  | 20.742  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 104695 | 20.807  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.185 | 83  | 123919 | 20.923  | ug/l   | 99  |
| 40) Benzene                  | 8.167 | 78  | 273916 | 20.764  | ug/l   | 99  |

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 Sample : VSTDIC020  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 10 07:32:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070921S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 10 07:30:20 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.350  | 41   | 65631    | 49.506  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 79126    | 20.769  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 83788    | 20.184  | ug/l   | 98       |
| 44) Trichloroethene           | 8.941  | 130  | 81412    | 20.970  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.221  | 63   | 63691    | 20.666  | ug/l   | 98       |
| 46) Dibromomethane            | 9.307  | 93   | 37208    | 20.605  | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.496  | 83   | 89664    | 20.504  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.295  | 41   | 39845    | 20.763  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 12237    | 433.963 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 239425   | 104.374 | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 182337   | 20.999  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 99750    | 20.427  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 110611   | 20.549  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 55392    | 20.671  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 76418    | 20.518  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 93170    | 20.596  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.788  | 63   | 173797   | 109.145 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.837 | 43   | 165987   | 103.605 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.989 | 129  | 69896    | 20.877  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 54026    | 20.954  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 80341    | 20.828  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.520 | 112  | 194983   | 20.540  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 73038    | 20.689  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 340932   | 20.494  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 276220   | 41.502  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 130569   | 20.624  | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 221838   | 20.675  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 48181    | 20.645  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 344107   | 20.615  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 78684    | 19.894  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 63637    | 20.543  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.635 | 75   | 87244    | 40.795  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 85744    | 20.361  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 404730   | 20.601  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 226198   | 20.489  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 289077   | 20.760  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 24171    | 20.257  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 233456   | 20.345  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 262567   | 21.210  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 285932   | 20.552  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 375268   | 20.746  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 325962   | 20.754  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 170454   | 20.417  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 170348   | 20.642  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.696 | 91   | 286937   | 20.613  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.964 | 117  | 57058    | 20.293  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 152289   | 20.635  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 11806    | 20.150  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 104264   | 20.595  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 66061    | 20.891  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 202507   | 20.279  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 91450    | 20.447  | ug/l   | 98       |

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Operator : SY/MD  
Sample : VSTDIC020  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

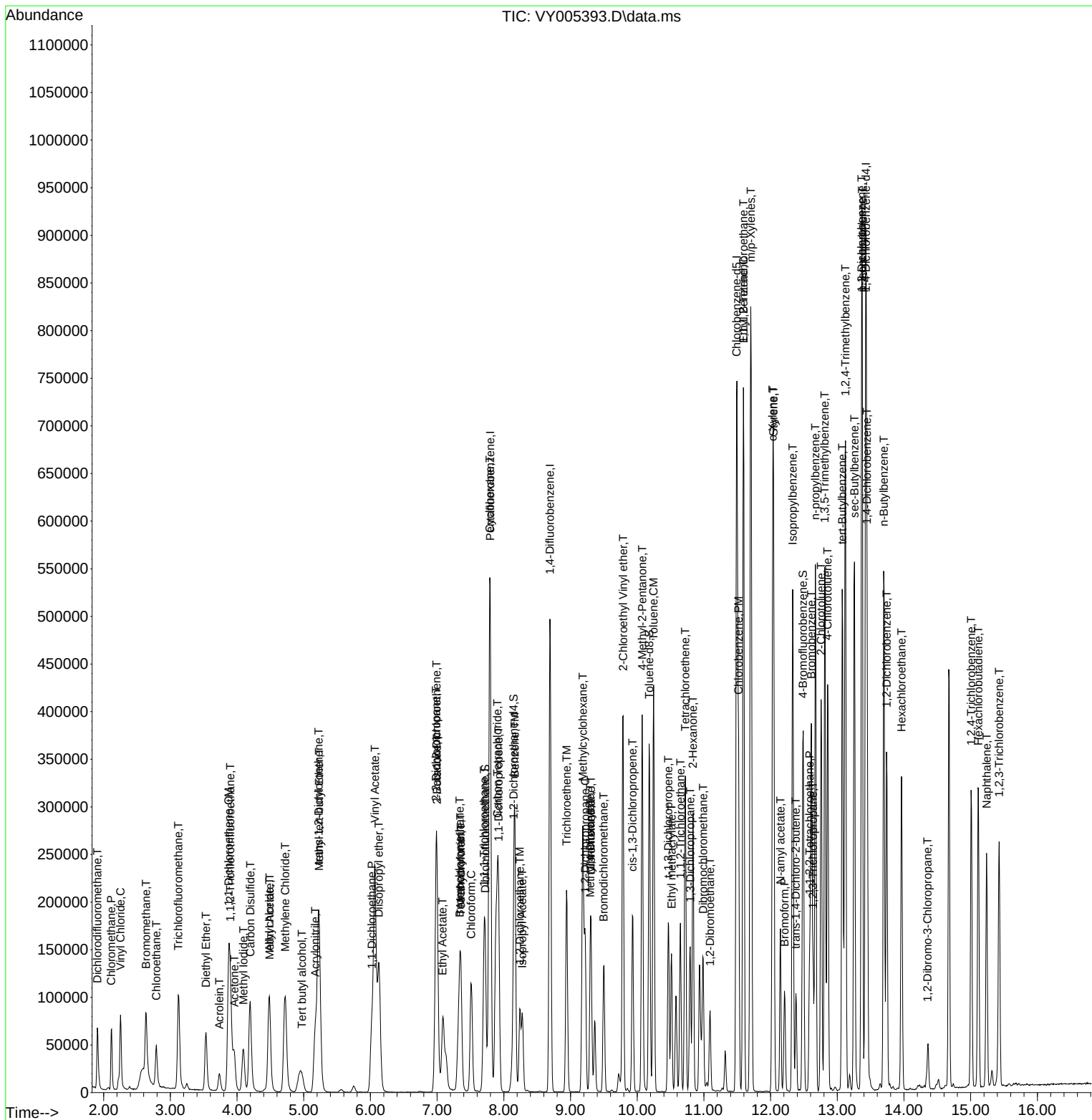
Instrument :  
MSVOA\_Y  
ClientSampleId :

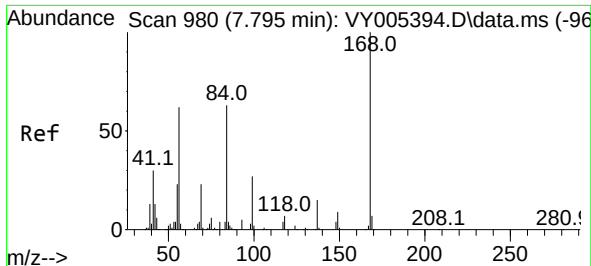
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070921S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jul 10 07:30:20 2021  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070921S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jul 10 07:30:20 2021  
Response via : Initial Calibration

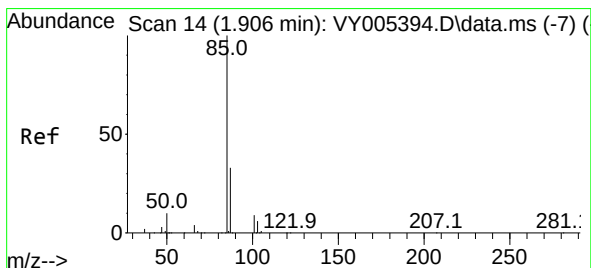
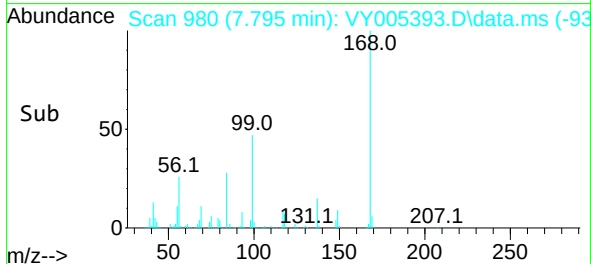
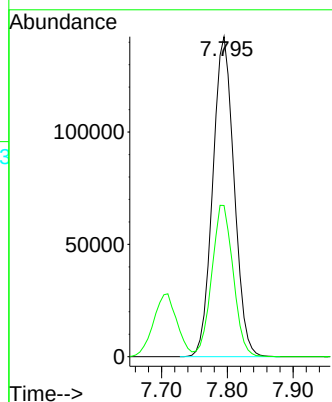
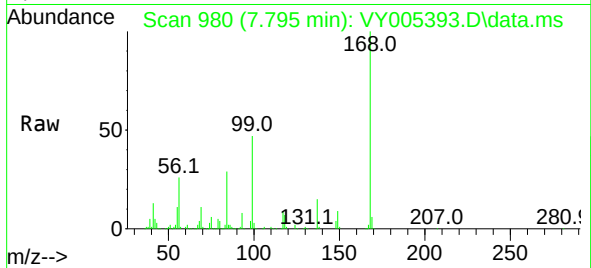




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

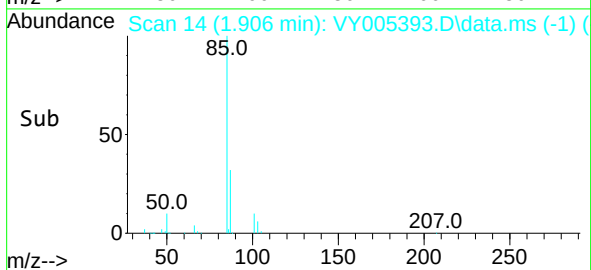
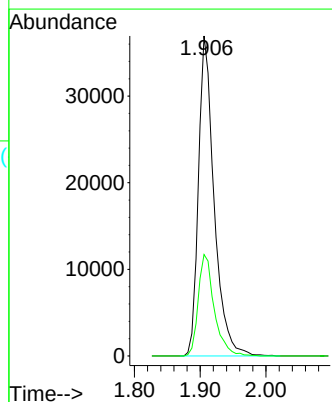
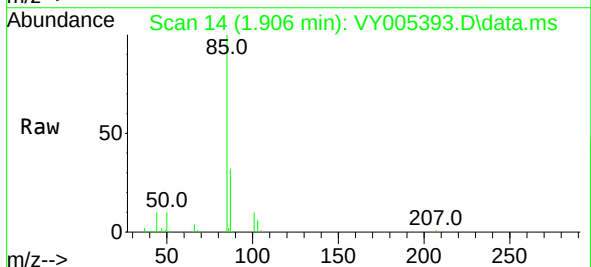
Instrument :  
MSVOA\_Y  
ClientSampleId :

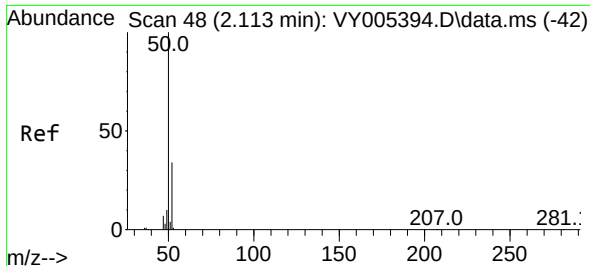
Tgt Ion:168 Resp: 321664  
Ion Ratio Lower Upper  
168 100  
99 47.3 37.4 56.2



#2  
Dichlorodifluoromethane  
Concen: 21.334 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 85 Resp: 61139  
Ion Ratio Lower Upper  
85 100  
87 31.7 16.5 49.5

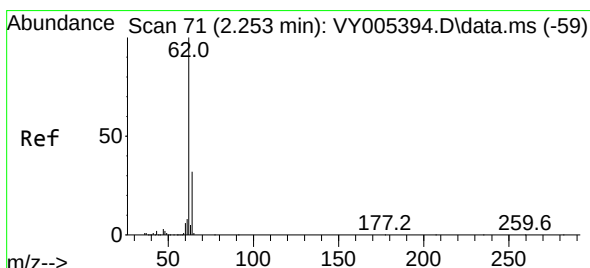
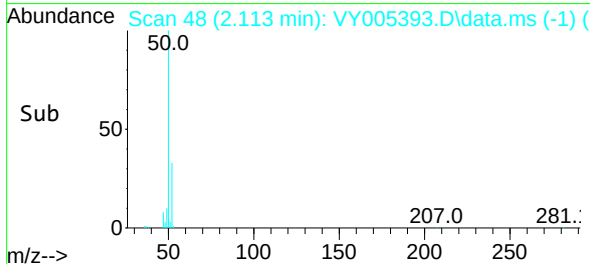
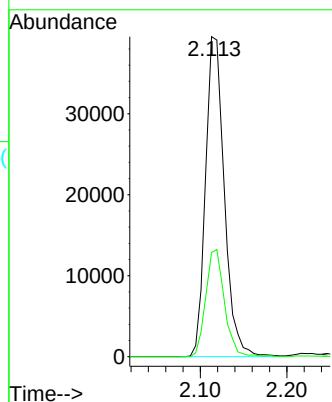
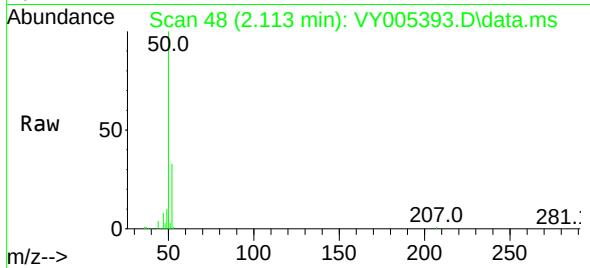




#3  
Chloromethane  
Concen: 20.471 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

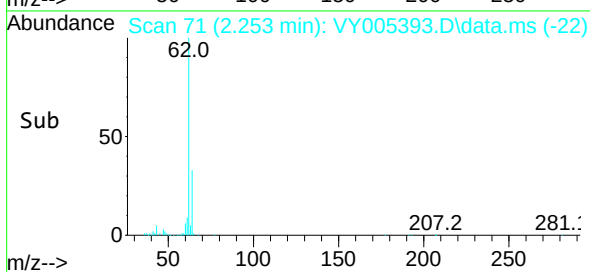
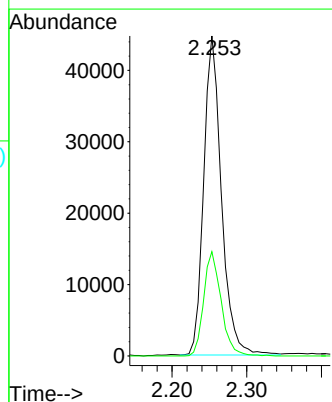
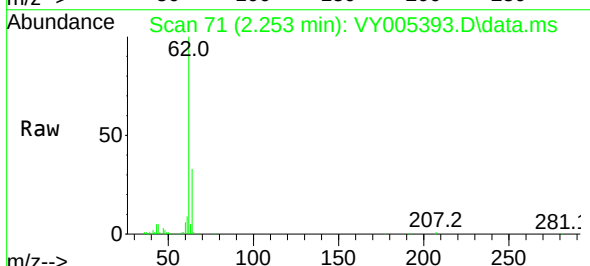
Instrument :  
MSVOA\_Y  
ClientSampled :

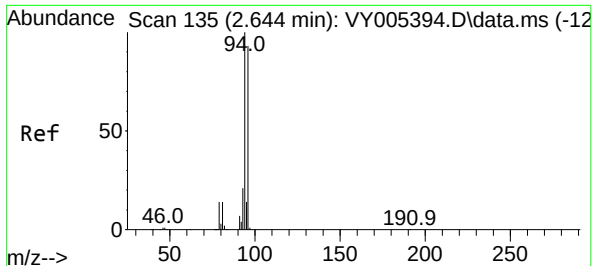
Tgt Ion: 50 Resp: 59690  
Ion Ratio Lower Upper  
50 100  
52 32.6 26.8 40.2



#4  
Vinyl Chloride  
Concen: 20.437 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 62 Resp: 73707  
Ion Ratio Lower Upper  
62 100  
64 32.7 25.4 38.2

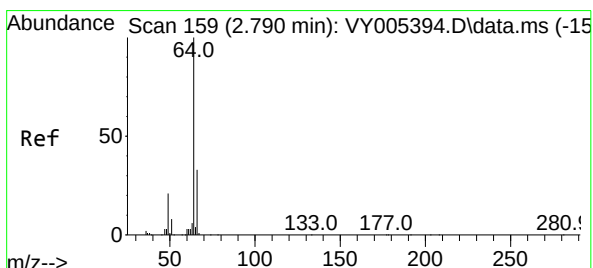
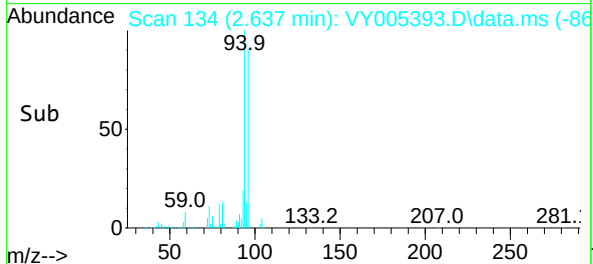
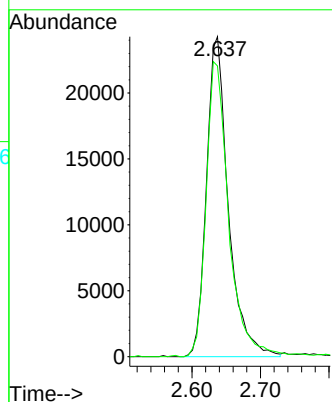
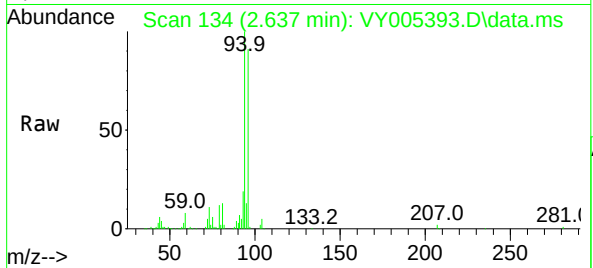




#5  
Bromomethane  
Concen: 20.078 ug/l  
RT: 2.637 min Scan# 134  
Delta R.T. -0.006 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

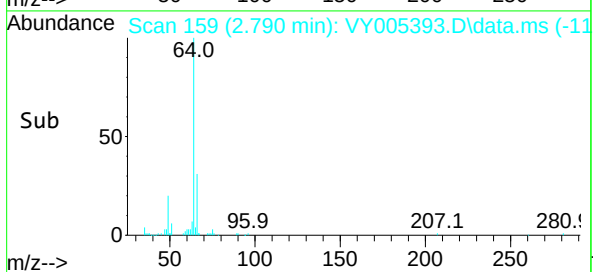
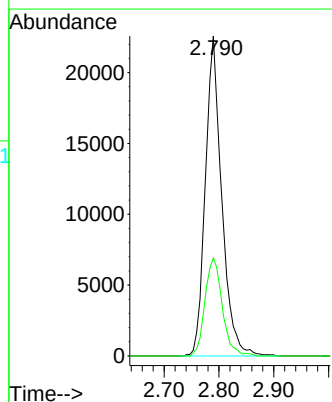
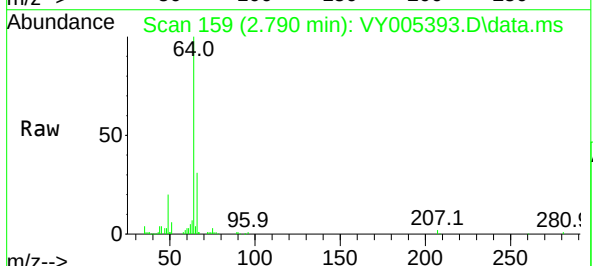
Instrument :  
MSVOA\_Y  
ClientSampled :

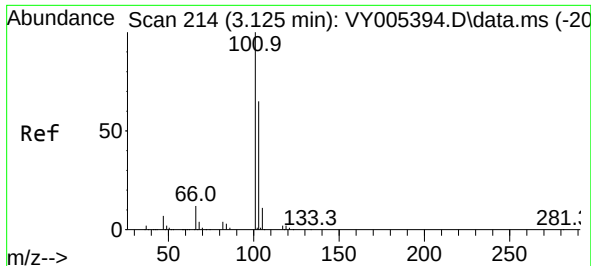
Tgt Ion: 94 Resp: 53881  
Ion Ratio Lower Upper  
94 100  
96 90.8 74.5 111.7



#6  
Chloroethane  
Concen: 20.681 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 64 Resp: 46784  
Ion Ratio Lower Upper  
64 100  
66 30.6 26.5 39.7

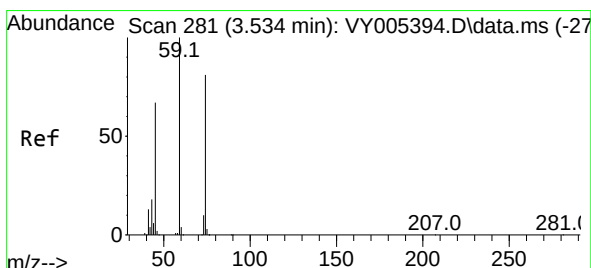
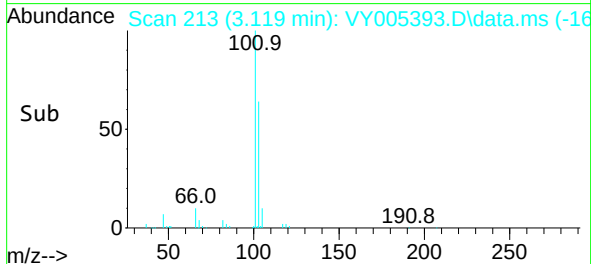
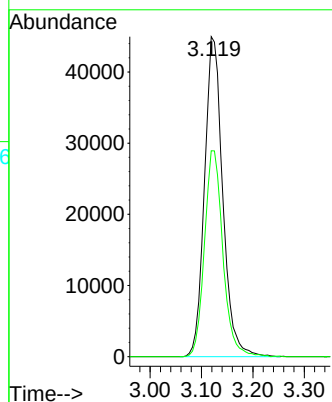
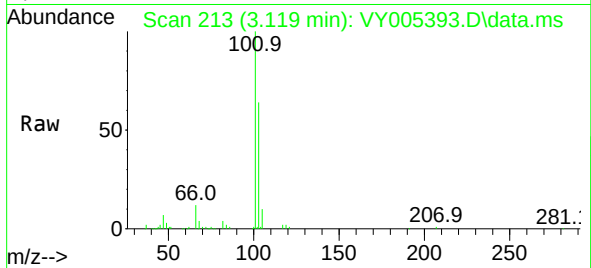




#7  
Trichlorofluoromethane  
Concen: 20.890 ug/l  
RT: 3.119 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

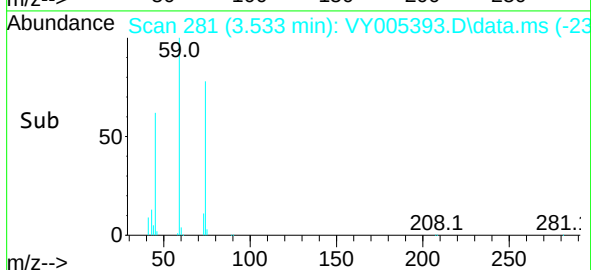
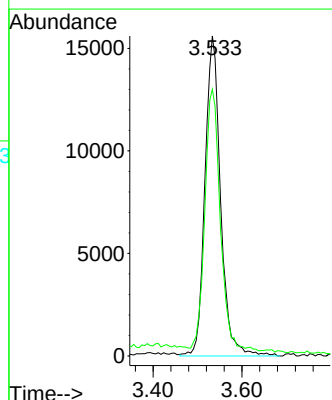
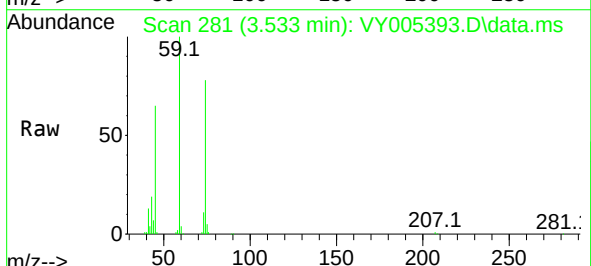
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:101 Resp: 110936  
Ion Ratio Lower Upper  
101 100  
103 64.4 52.1 78.1

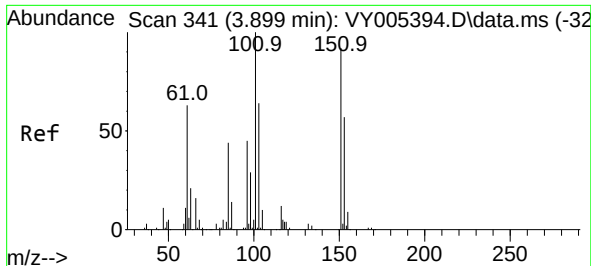


#8  
Diethyl Ether  
Concen: 20.783 ug/l  
RT: 3.533 min Scan# 281  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 74 Resp: 38277  
Ion Ratio Lower Upper  
74 100  
45 80.5 41.1 123.4



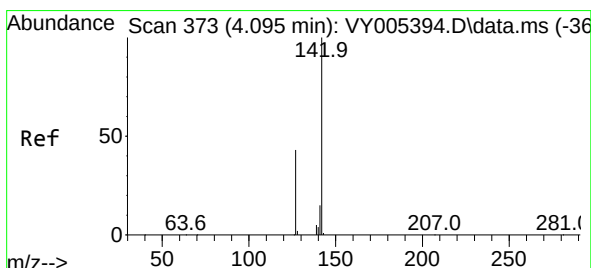
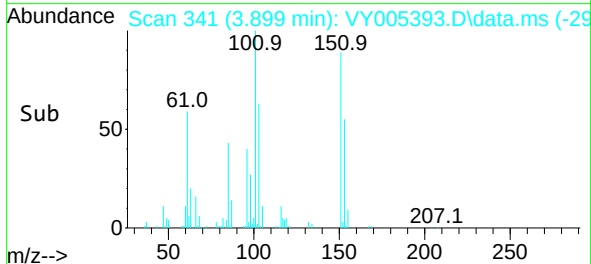
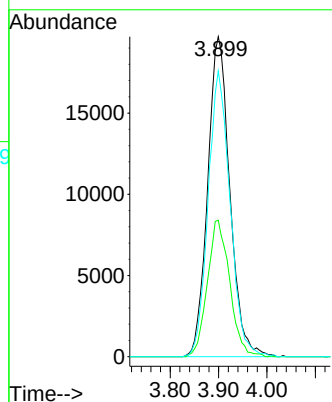
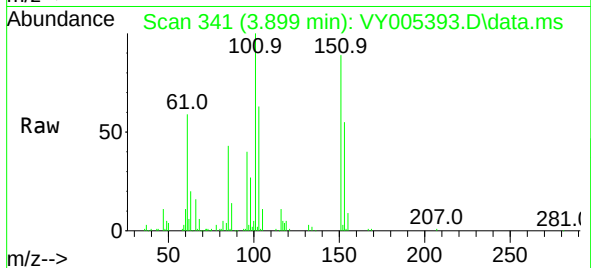




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.027 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

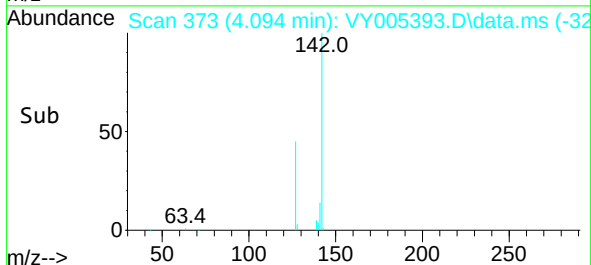
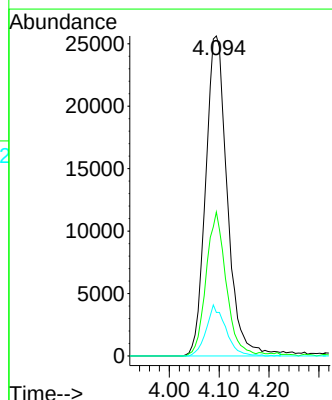
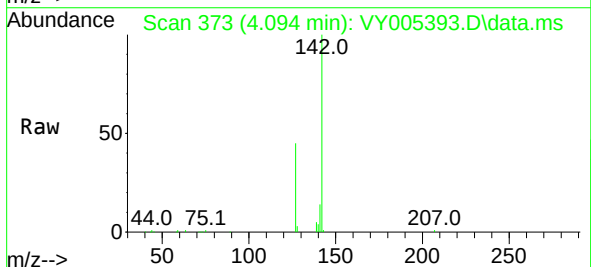
Instrument :  
MSVOA\_Y  
ClientSampleId :

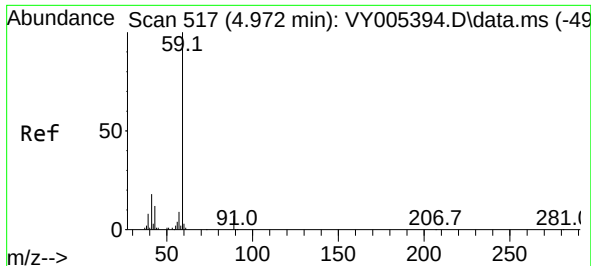
Tgt Ion:101 Resp: 62788  
Ion Ratio Lower Upper  
101 100  
85 42.9 34.4 51.6  
151 88.5 71.6 107.4



#10  
Methyl Iodide  
Concen: 21.263 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion:142 Resp: 77273  
Ion Ratio Lower Upper  
142 100  
127 41.6 34.3 51.5  
141 14.4 11.5 17.3

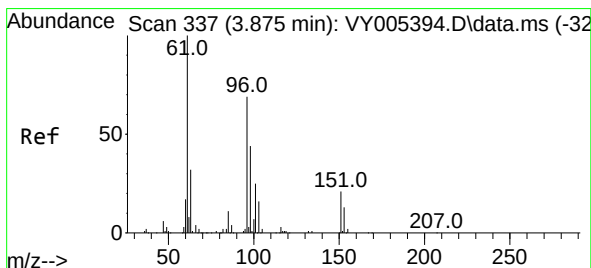
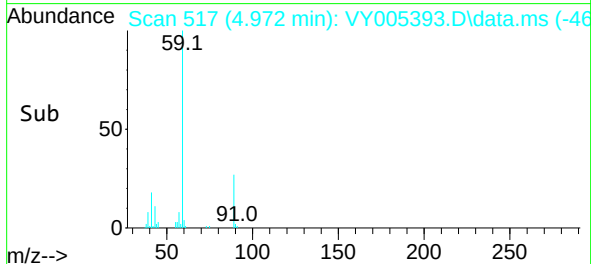
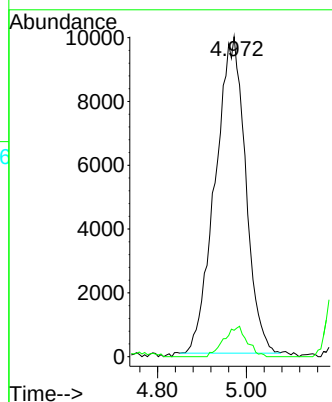
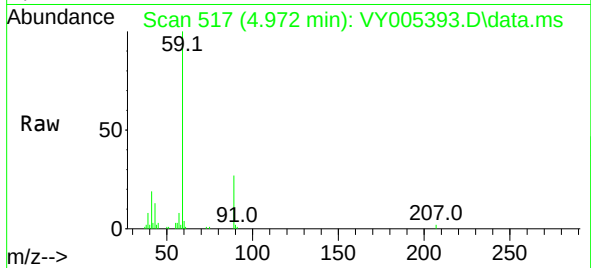




#11  
Tert butyl alcohol  
Concen: 109.262 ug/l  
RT: 4.972 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

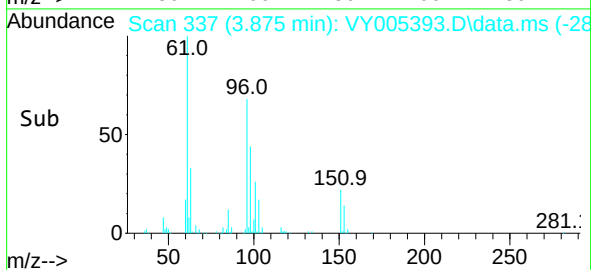
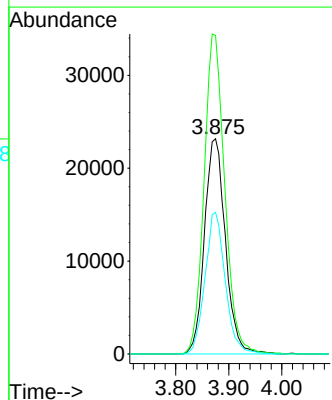
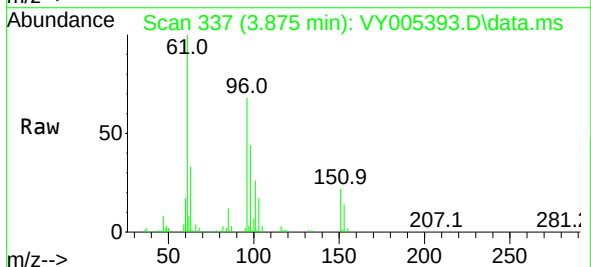
Instrument :  
MSVOA\_Y  
ClientSampled :

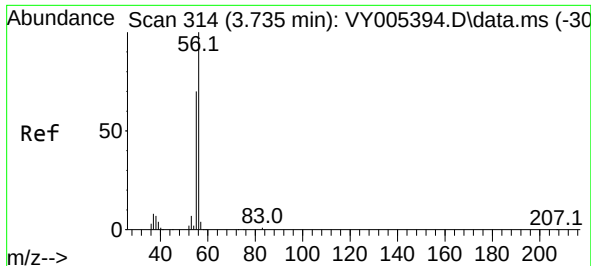
Tgt Ion: 59 Resp: 47040  
Ion Ratio Lower Upper  
59 100  
57 7.2 7.5 11.3#



#12  
1,1-Dichloroethene  
Concen: 20.750 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 96 Resp: 63630  
Ion Ratio Lower Upper  
96 100  
61 147.7 116.6 174.8  
98 65.8 50.8 76.2

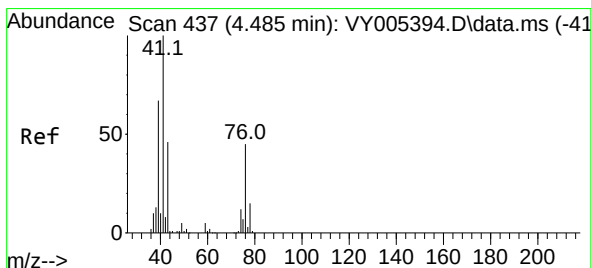
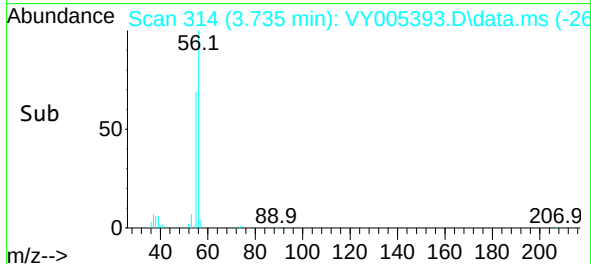
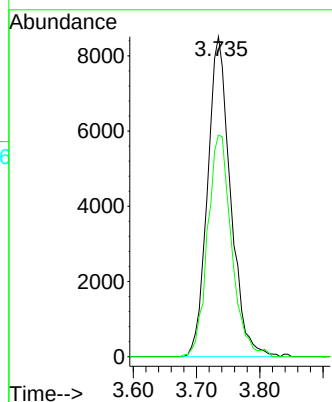
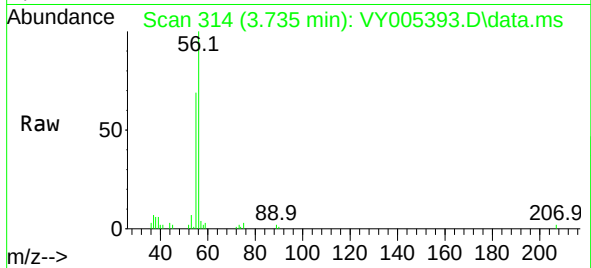




#13  
Acrolein  
Concen: 95.200 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

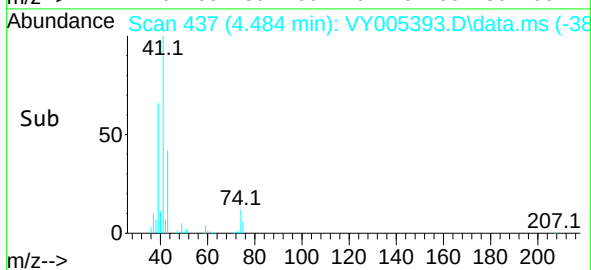
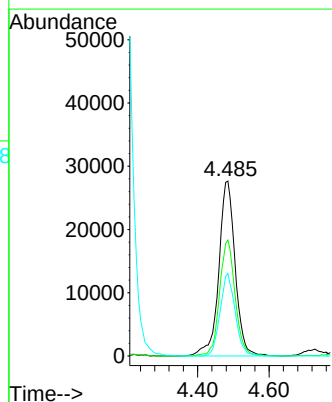
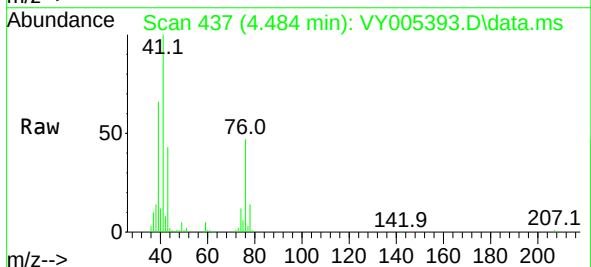
Instrument :  
MSVOA\_Y  
ClientSampled :

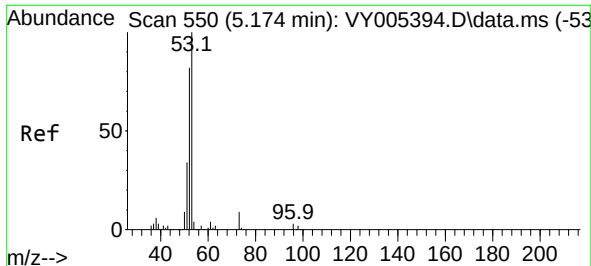
Tgt Ion: 56 Resp: 21487  
Ion Ratio Lower Upper  
56 100  
55 72.2 55.9 83.9



#14  
Allyl chloride  
Concen: 20.628 ug/l  
RT: 4.484 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 41 Resp: 87997  
Ion Ratio Lower Upper  
41 100  
39 63.1 50.8 76.2  
76 43.3 34.5 51.7

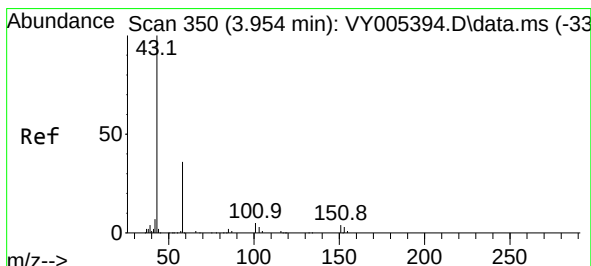
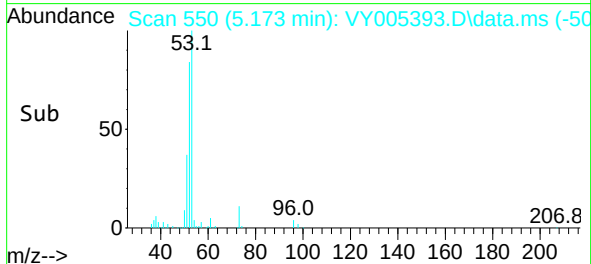
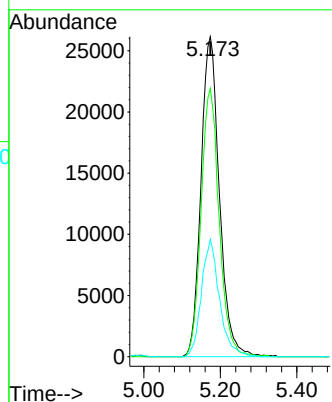
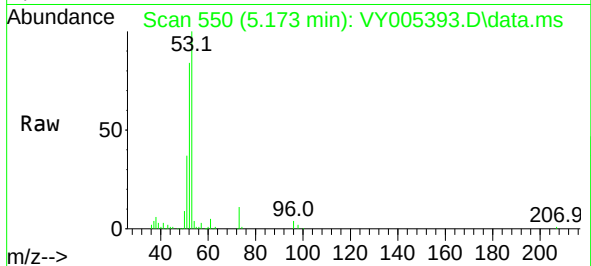




#15  
Acrylonitrile  
Concen: 104.380 ug/l  
RT: 5.173 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

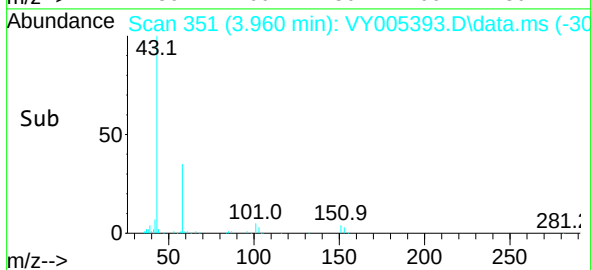
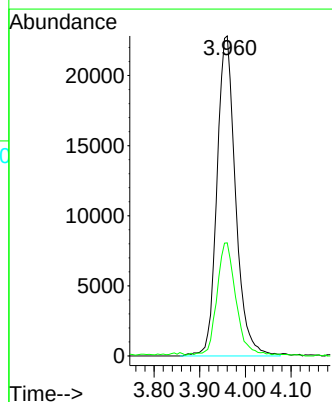
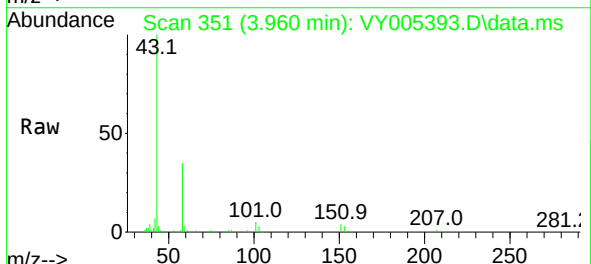
Instrument :  
MSVOA\_Y  
ClientSampled :

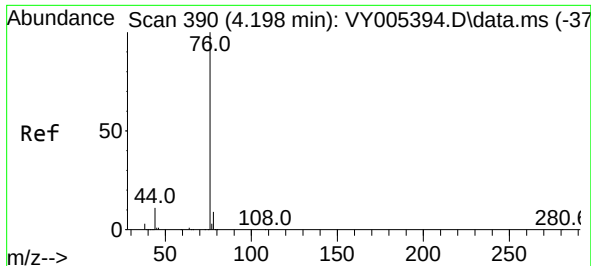
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 87490 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 81.9     | 65.8 98.6   |
| 51 35.8     | 28.8 43.2   |



#16  
Acetone  
Concen: 100.131 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.006 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 64608 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 34.8     | 28.9 43.3   |

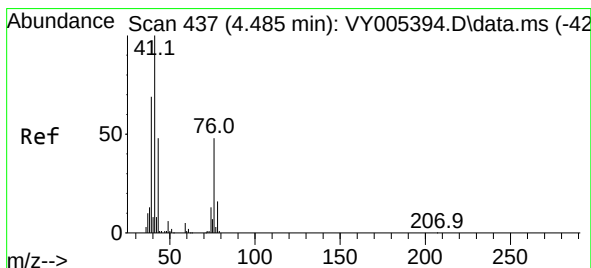
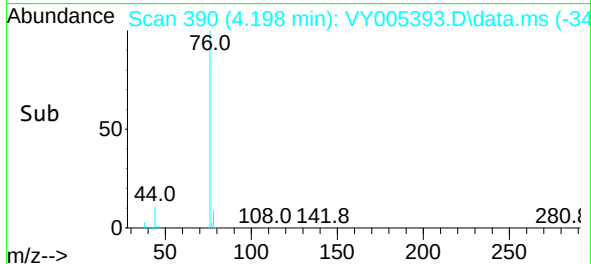
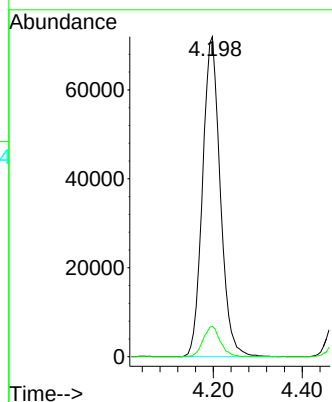
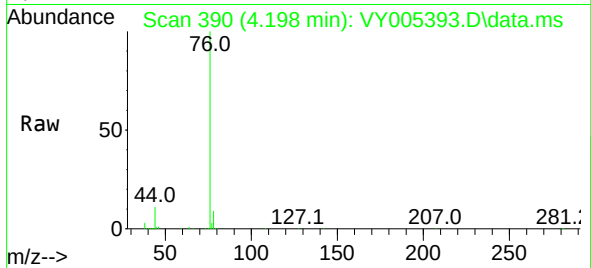




#17  
Carbon Disulfide  
Concen: 20.855 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

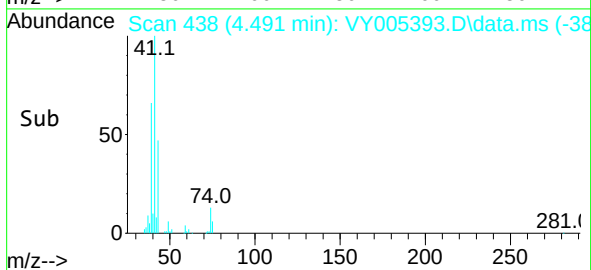
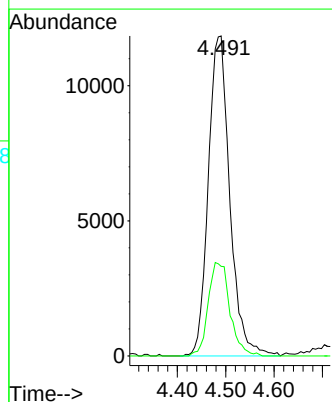
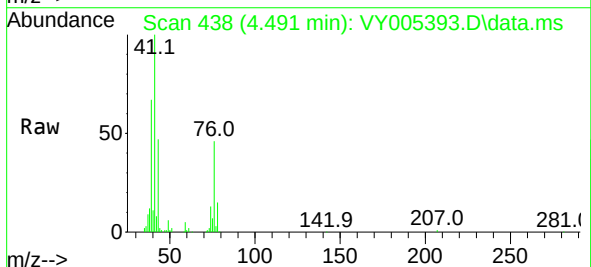
Instrument :  
MSVOA\_Y  
ClientSampled :

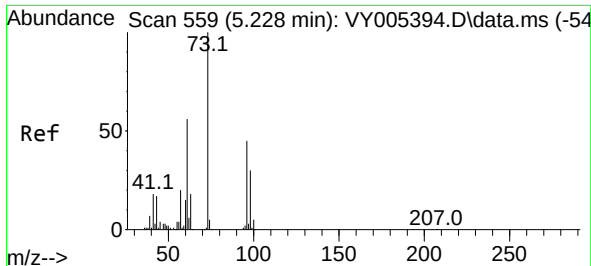
Tgt Ion: 76 Resp: 199633  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.3 10.9



#18  
Methyl Acetate  
Concen: 20.419 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 43 Resp: 36514  
Ion Ratio Lower Upper  
43 100  
74 29.4 23.0 34.4



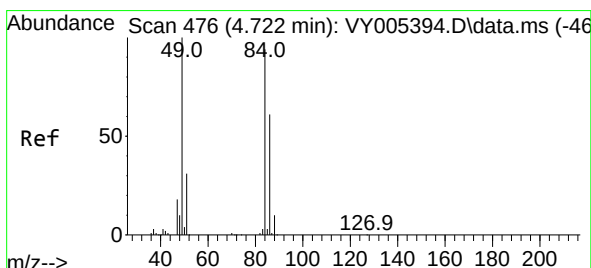
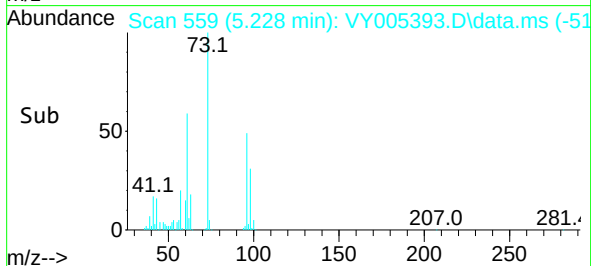
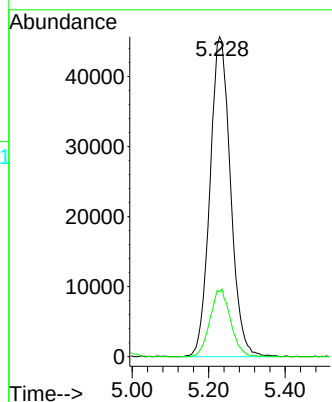
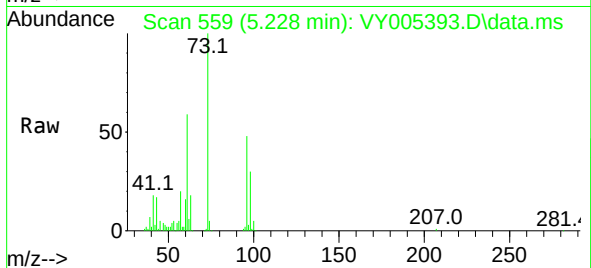


#19

Methyl tert-butyl Ether  
Concen: 20.554 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Instrument :  
MSVOA\_Y  
ClientSampled :

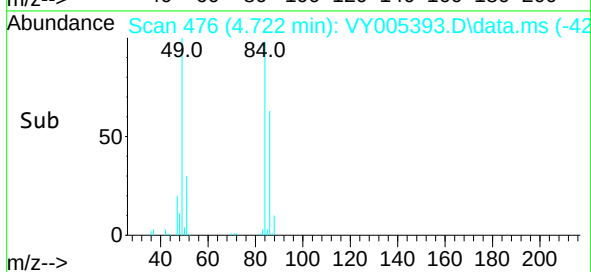
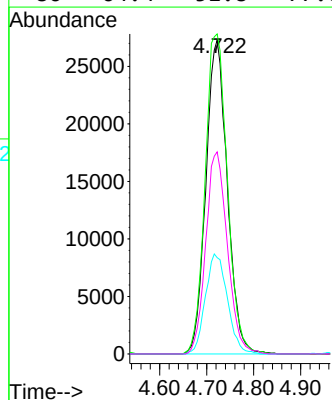
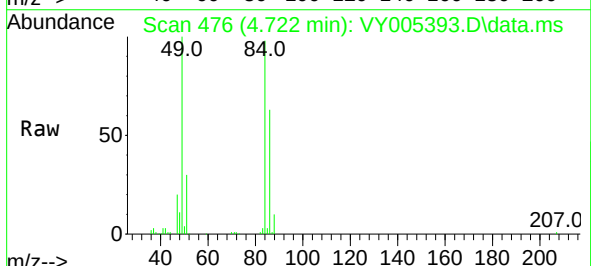
Tgt Ion: 73 Resp: 170586  
Ion Ratio Lower Upper  
73 100  
57 20.3 16.2 24.2

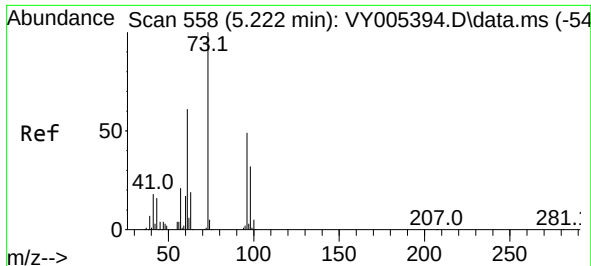


#20

Methylene Chloride  
Concen: 19.317 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 84 Resp: 86331  
Ion Ratio Lower Upper  
84 100  
49 102.0 84.8 127.2  
51 30.7 25.9 38.9  
86 64.4 51.8 77.6

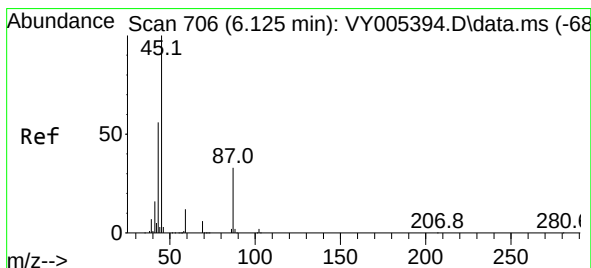
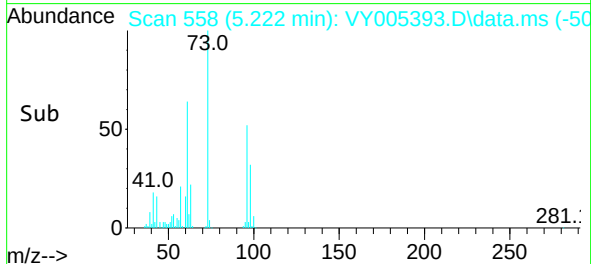
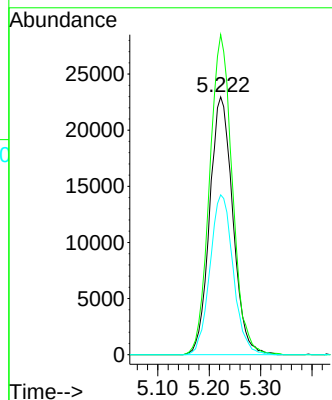
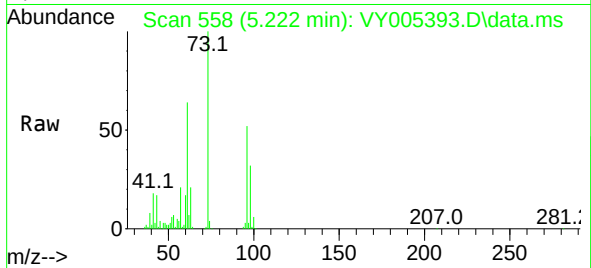




#21  
trans-1,2-Dichloroethene  
Concen: 20.999 ug/l  
RT: 5.222 min Scan# 558  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

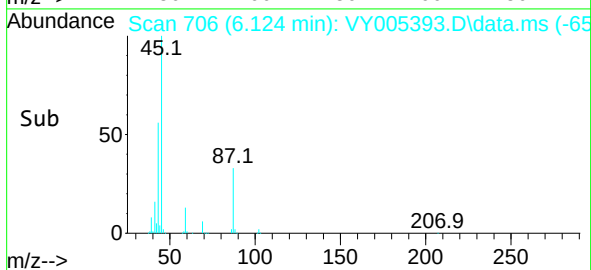
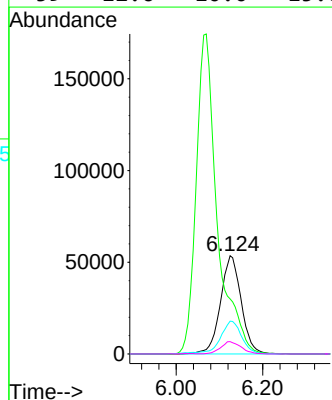
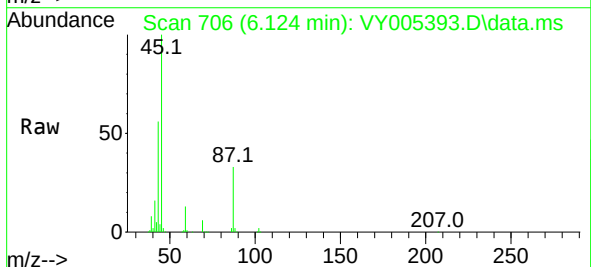
Instrument :  
MSVOA\_Y  
ClientSampled :

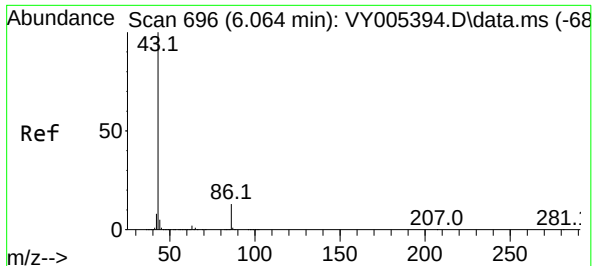
Tgt Ion: 96 Resp: 71762  
Ion Ratio Lower Upper  
96 100  
61 124.2 100.3 150.5  
98 62.0 52.2 78.2



#22  
Diisopropyl ether  
Concen: 21.000 ug/l  
RT: 6.124 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 45 Resp: 178469  
Ion Ratio Lower Upper  
45 100  
43 55.9 45.4 68.2  
87 33.4 26.9 40.3  
59 12.6 10.0 15.0

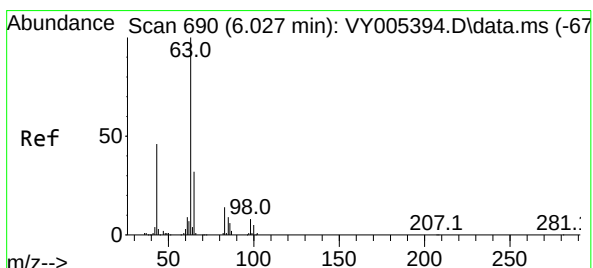
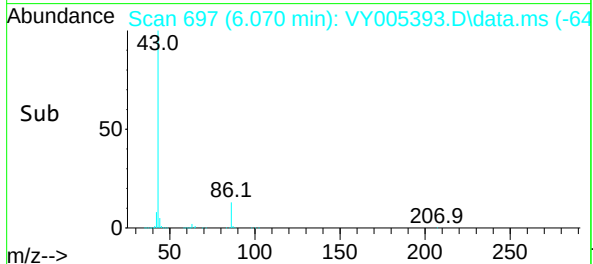
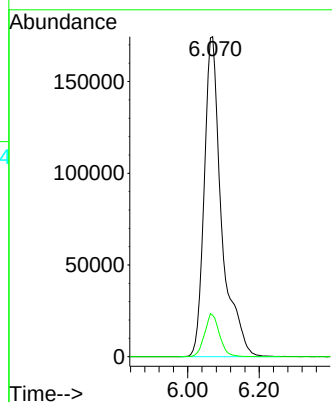
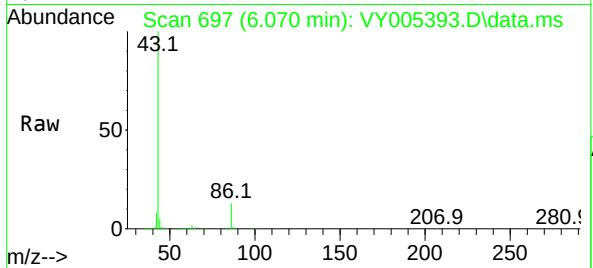




#23  
 Vinyl Acetate  
 Concen: 104.685 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. 0.006 min  
 Lab File: VY005393.D  
 Acq: 09 Jul 2021 11:35

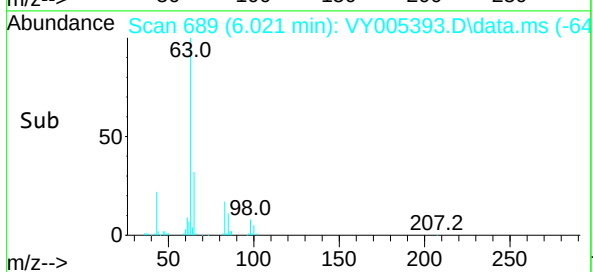
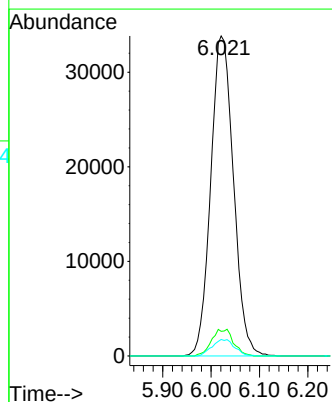
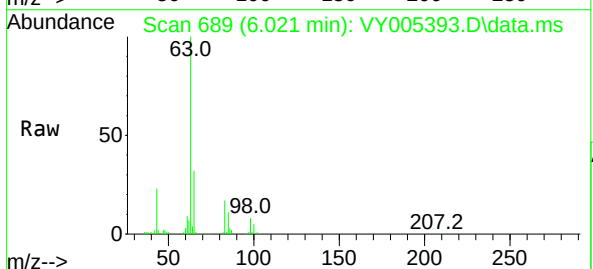
Instrument :  
 MSVOA\_Y  
 ClientSampled :

Tgt Ion: 43 Resp: 588665  
 Ion Ratio Lower Upper  
 43 100  
 86 12.9 10.5 15.7

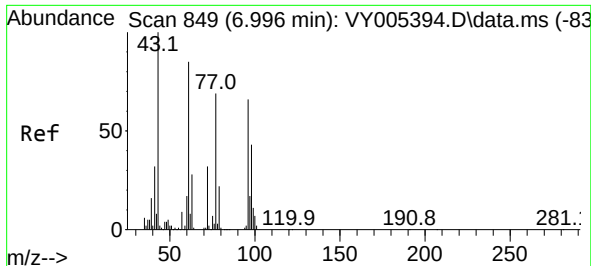


#24  
 1,1-Dichloroethane  
 Concen: 20.618 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. -0.006 min  
 Lab File: VY005393.D  
 Acq: 09 Jul 2021 11:35

Tgt Ion: 63 Resp: 110598  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.8 11.4  
 100 5.2 2.5 7.4







#25

2-Butanone

Concen: 101.889 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY005393.D

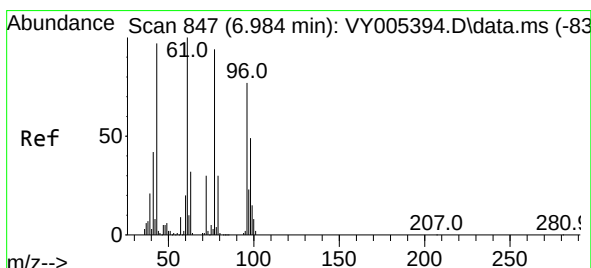
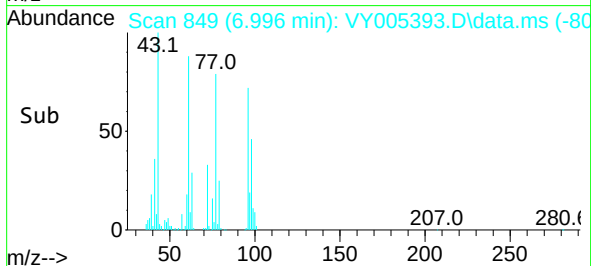
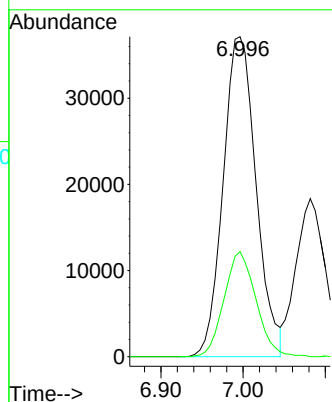
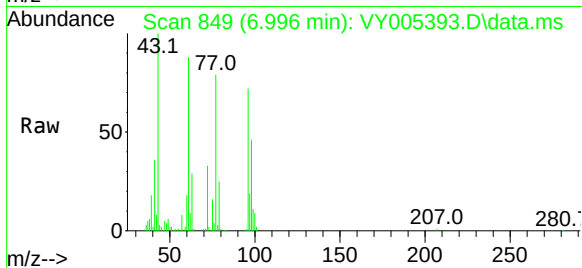
Acq: 09 Jul 2021 11:35

Tgt Ion: 43 Resp: 103592

Ion Ratio Lower Upper

43 100

72 32.9 25.3 37.9



#26

2,2-Dichloropropane

Concen: 20.315 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY005393.D

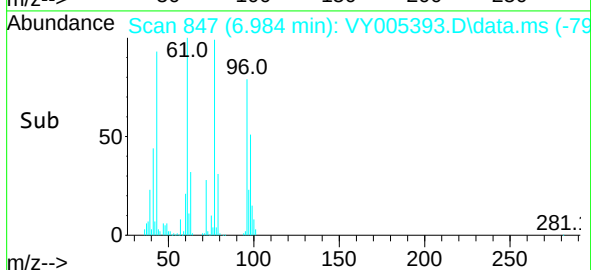
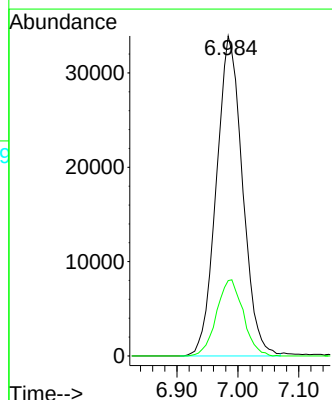
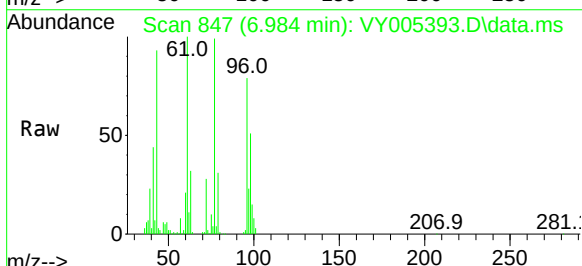
Acq: 09 Jul 2021 11:35

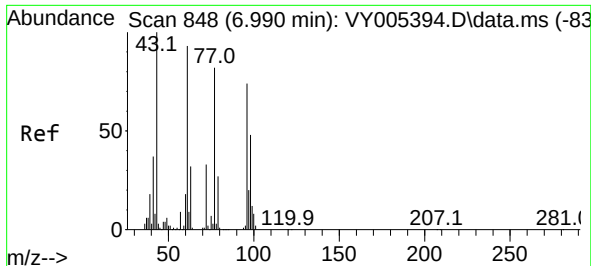
Tgt Ion: 77 Resp: 101129

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1



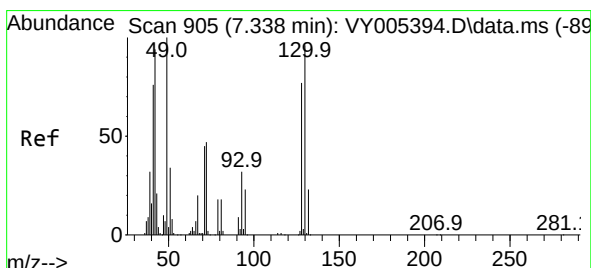
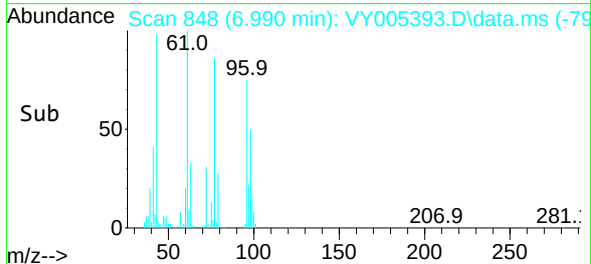
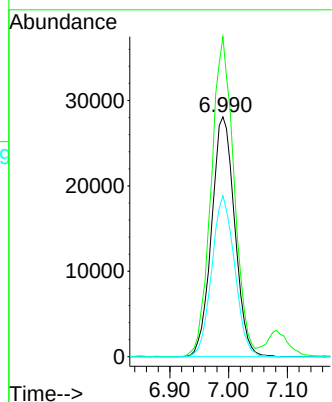
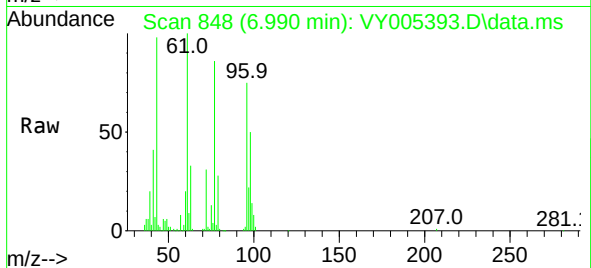


#27

cis-1,2-Dichloroethene  
Concen: 20.272 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Instrument :  
MSVOA\_Y  
ClientSampled :

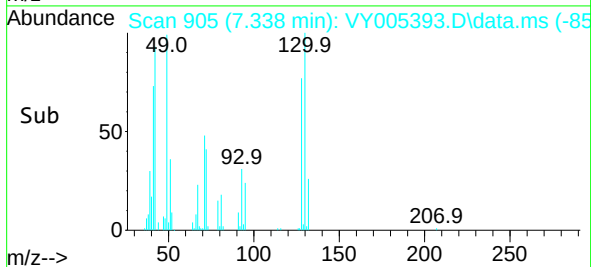
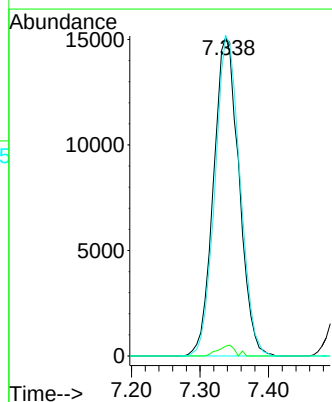
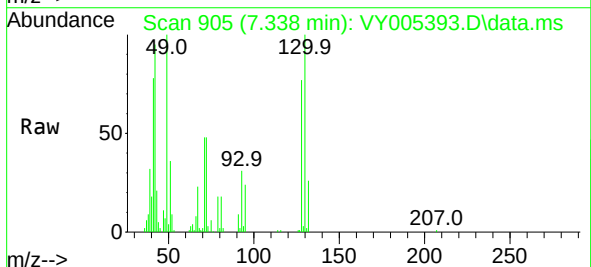
Tgt Ion: 96 Resp: 76727  
Ion Ratio Lower Upper  
96 100  
61 131.8 0.0 261.4  
98 66.4 0.0 129.2

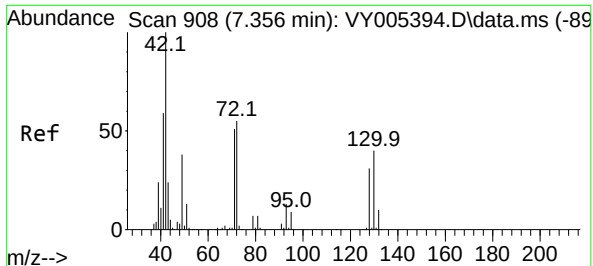


#28

Bromochloromethane  
Concen: 19.337 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 49 Resp: 38934  
Ion Ratio Lower Upper  
49 100  
129 2.3 0.0 5.2  
130 98.8 80.6 120.8





#29

Tetrahydrofuran

Concen: 105.049 ug/l

RT: 7.356 min Scan# 908

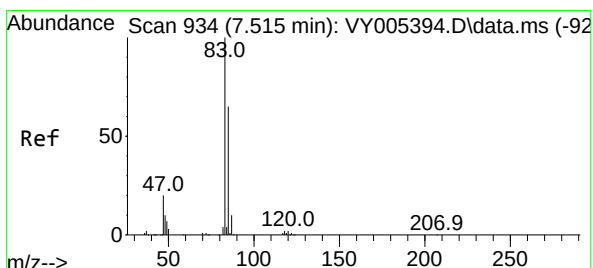
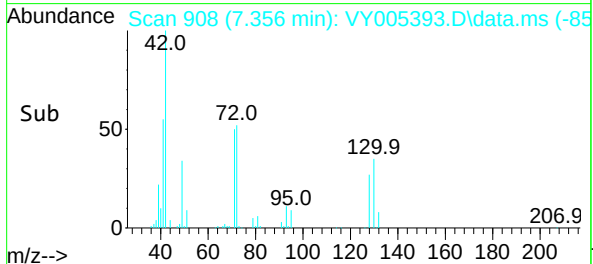
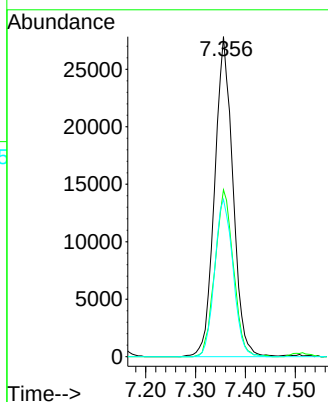
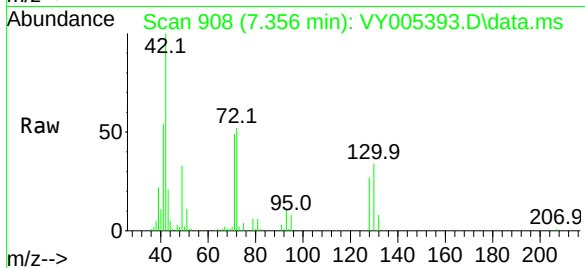
Delta R.T. -0.000 min

Lab File: VY005393.D

Acq: 09 Jul 2021 11:35

Instrument :  
MSVOA\_Y  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 70848 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 52.5  | 41.8  | 62.6  |
| 71       | 49.5  | 39.8  | 59.6  |



#30

Chloroform

Concen: 20.845 ug/l

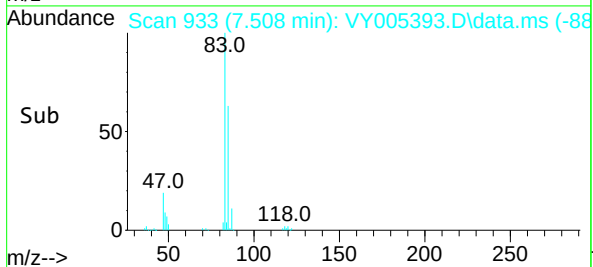
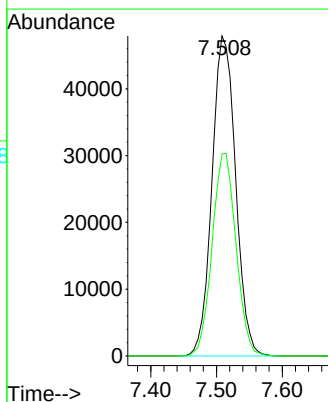
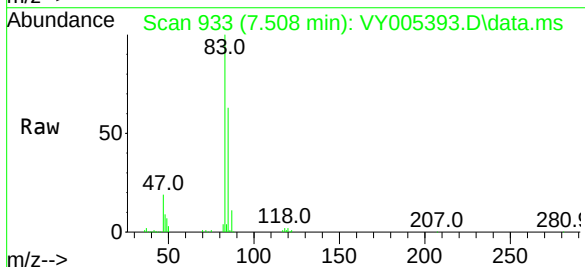
RT: 7.508 min Scan# 933

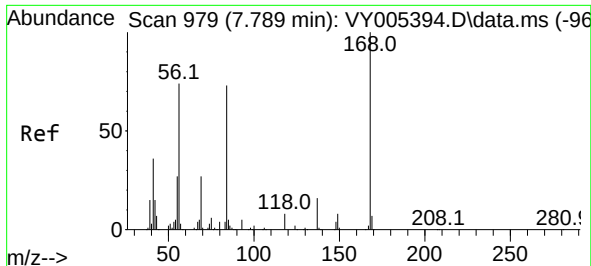
Delta R.T. -0.006 min

Lab File: VY005393.D

Acq: 09 Jul 2021 11:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 119850 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.2  | 51.7  | 77.5   |

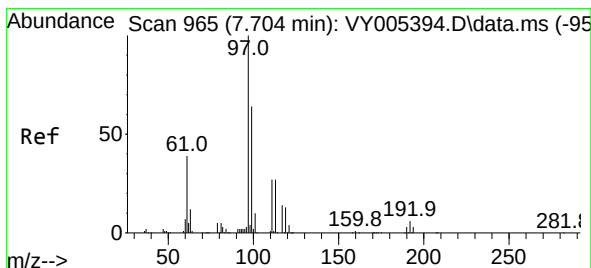
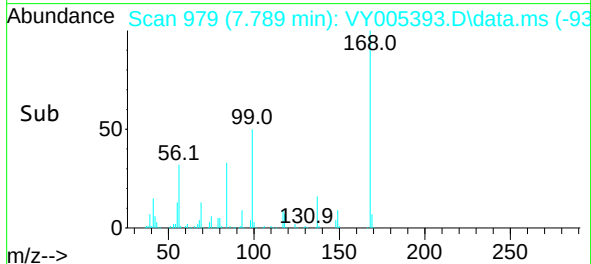
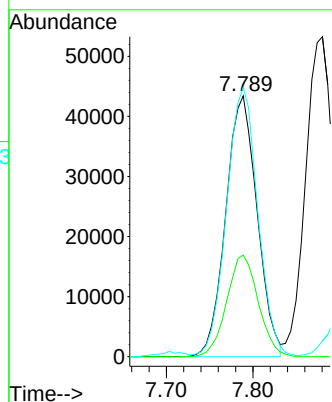
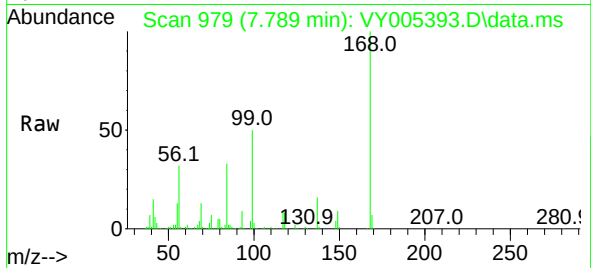




#31  
Cyclohexane  
Concen: 20.477 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

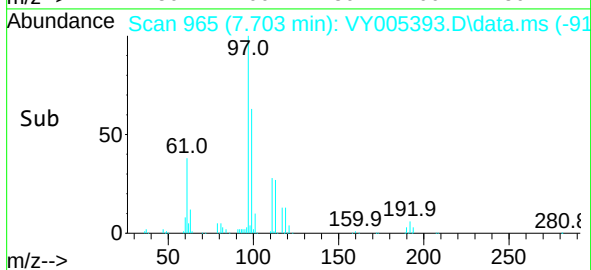
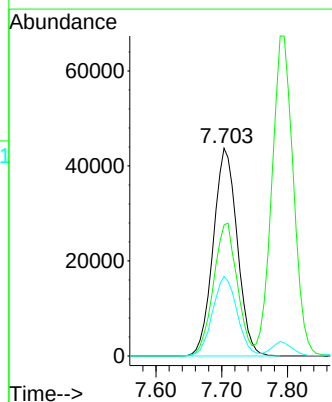
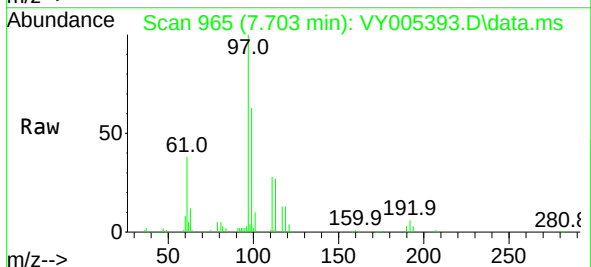
Instrument :  
MSVOA\_Y  
ClientSampled :

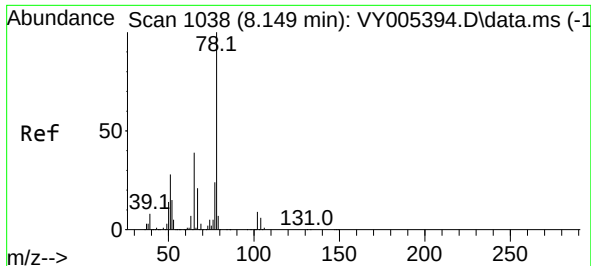
Tgt Ion: 56 Resp: 109364  
Ion Ratio Lower Upper  
56 100  
69 39.0 28.8 43.2  
84 101.7 78.6 118.0



#32  
1,1,1-Trichloroethane  
Concen: 20.832 ug/l  
RT: 7.703 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 97 Resp: 110896  
Ion Ratio Lower Upper  
97 100  
99 63.3 51.0 76.4  
61 39.1 30.6 46.0

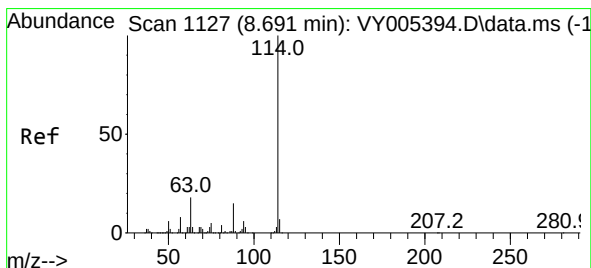
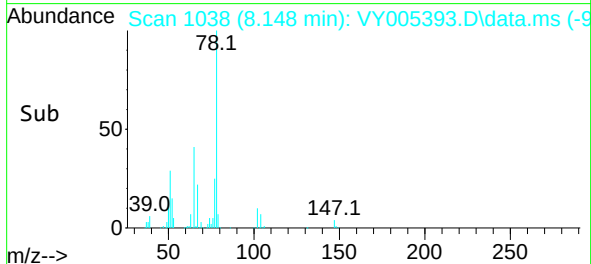
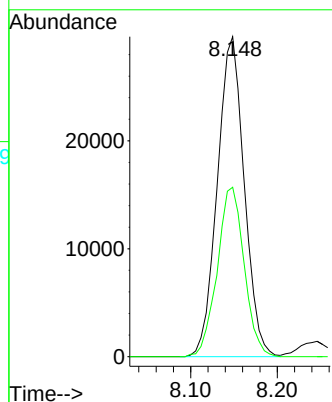
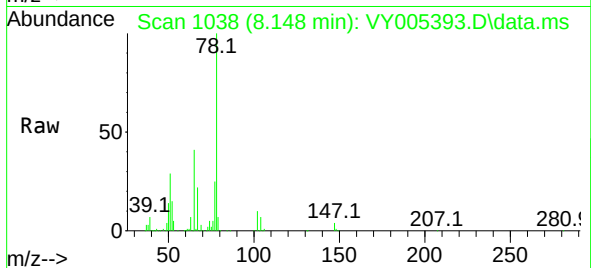




#33  
1,2-Dichloroethane-d4  
Concen: 21.205 ug/l  
RT: 8.148 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

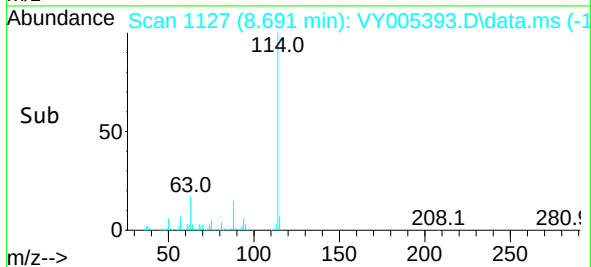
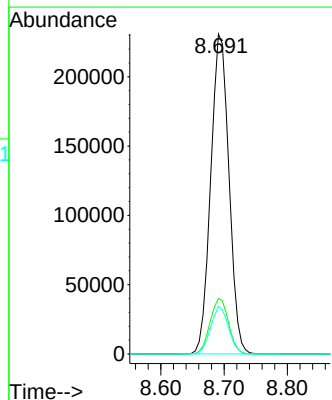
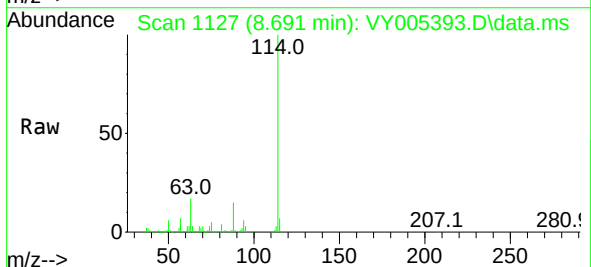
Instrument :  
MSVOA\_Y  
ClientSampled :

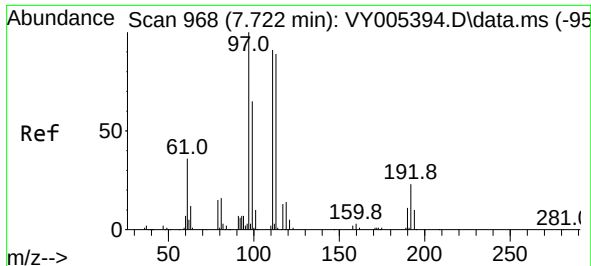
Tgt Ion: 65 Resp: 63902  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 106.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 114 Resp: 461028  
Ion Ratio Lower Upper  
114 100  
63 17.3 0.0 35.2  
88 14.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 21.625 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY005393.D

Acq: 09 Jul 2021 11:35

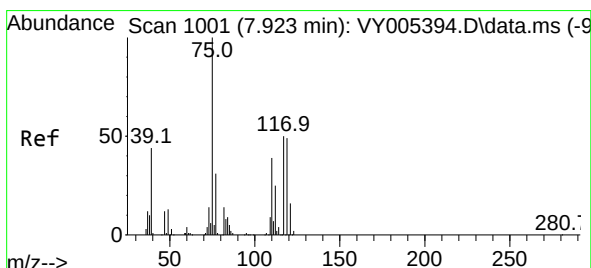
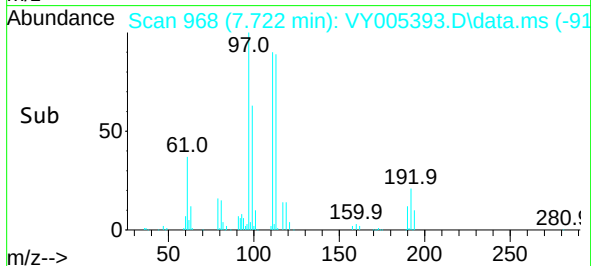
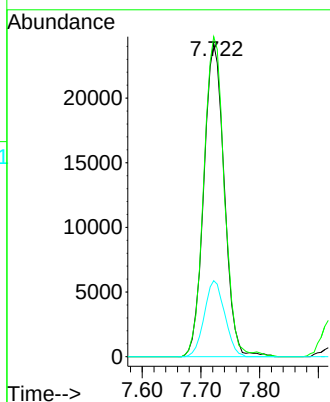
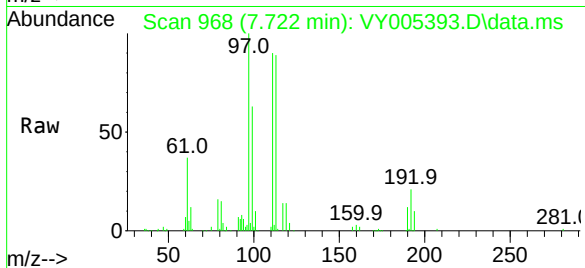
Tgt Ion:113 Resp: 58510

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

192 24.3 19.9 29.9



#36

1,1-Dichloropropene

Concen: 20.578 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY005393.D

Acq: 09 Jul 2021 11:35

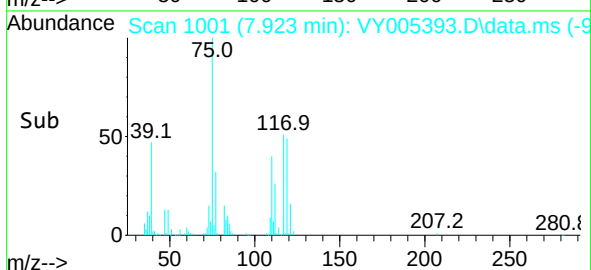
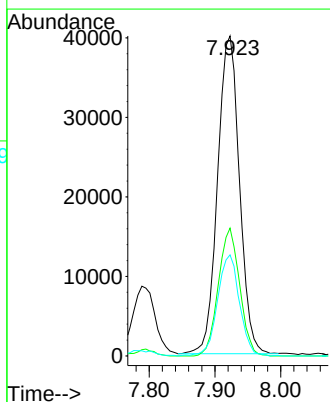
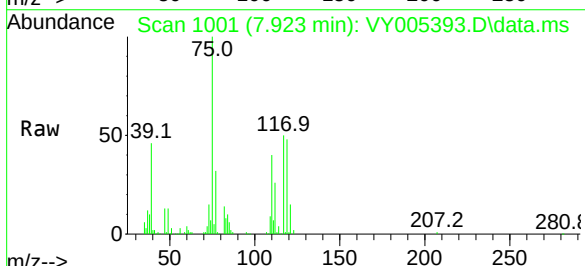
Tgt Ion: 75 Resp: 92616

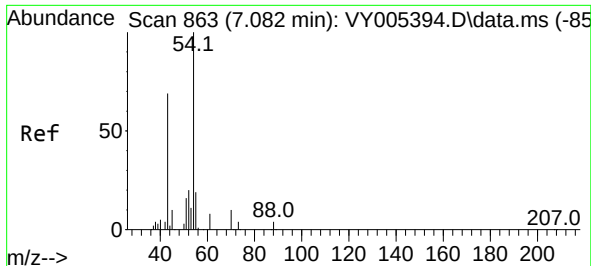
Ion Ratio Lower Upper

75 100

110 39.1 19.3 57.9

77 31.9 24.7 37.1





#37

Ethyl Acetate

Concen: 20.742 ug/l

RT: 7.082 min Scan# 863

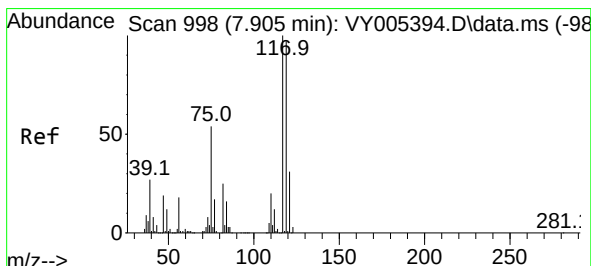
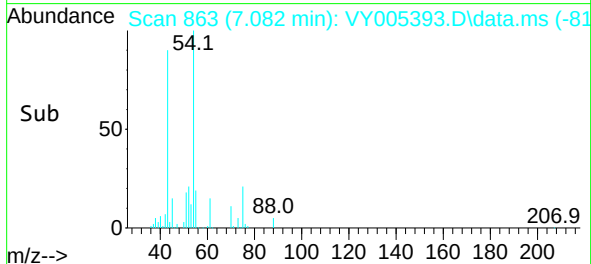
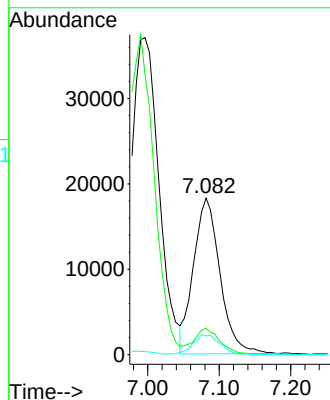
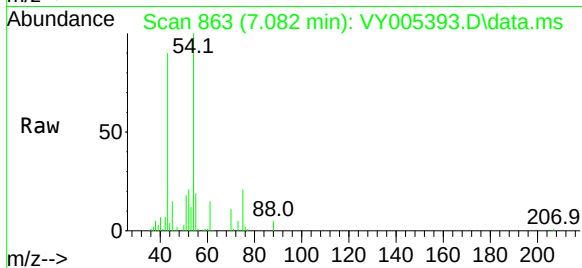
Delta R.T. -0.000 min

Lab File: VY005393.D

Acq: 09 Jul 2021 11:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 46940 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 16.1  | 12.6  | 19.0  |
| 70       | 13.3  | 10.0  | 15.0  |

Instrument :  
MSVOA\_Y  
ClientSampled :



#38

Carbon Tetrachloride

Concen: 20.807 ug/l

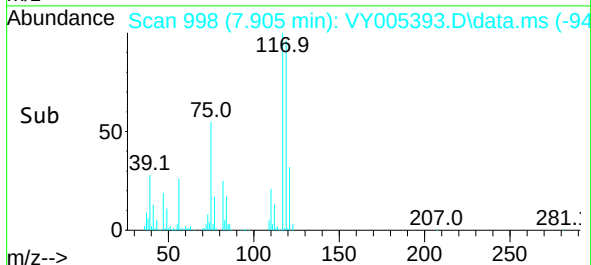
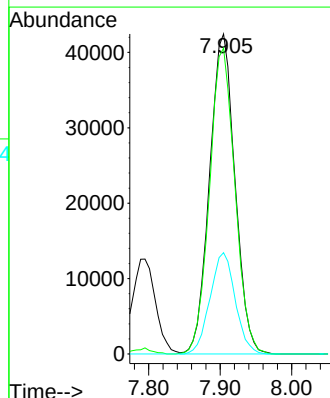
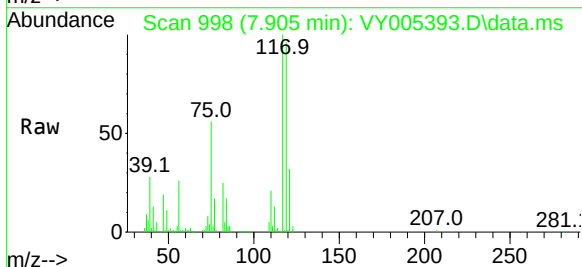
RT: 7.905 min Scan# 998

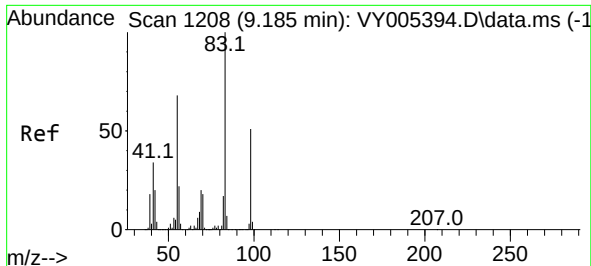
Delta R.T. -0.000 min

Lab File: VY005393.D

Acq: 09 Jul 2021 11:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 104695 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.6  | 77.8  | 116.6  |
| 121      | 31.6  | 24.8  | 37.2   |





#39

Methylcyclohexane

Concen: 20.923 ug/l

RT: 9.185 min Scan# 1208

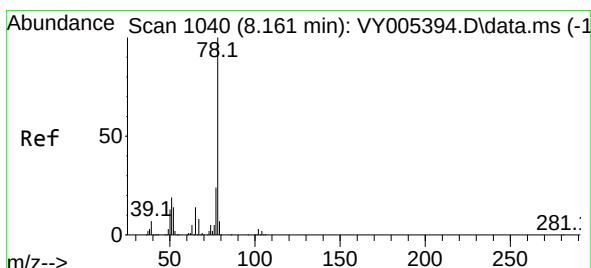
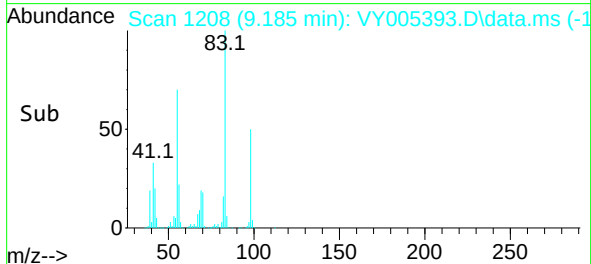
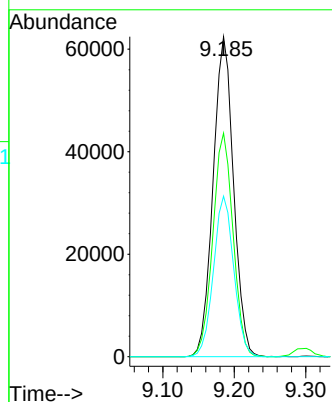
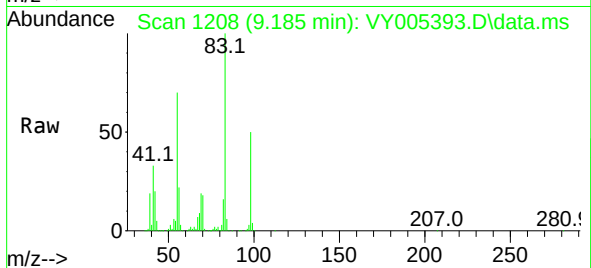
Delta R.T. -0.000 min

Lab File: VY005393.D

Acq: 09 Jul 2021 11:35

Tgt Ion: 83 Resp: 123919

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 69.8  | 54.8  | 82.2  |
| 98  | 50.1  | 40.7  | 61.1  |



#40

Benzene

Concen: 20.764 ug/l

RT: 8.167 min Scan# 1041

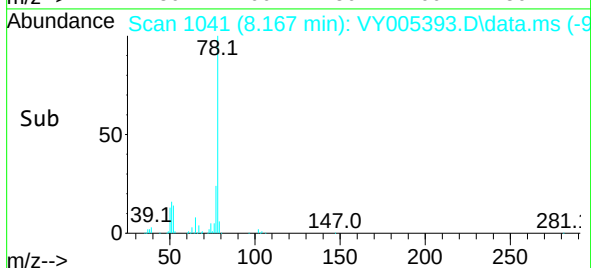
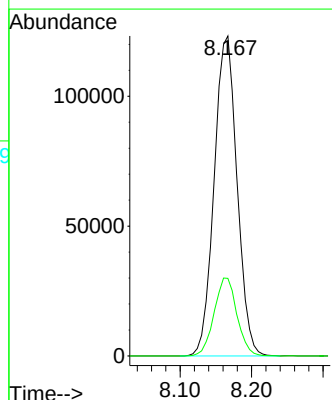
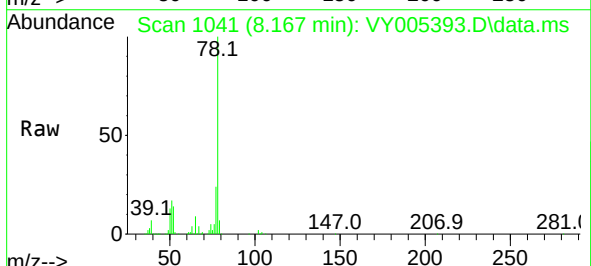
Delta R.T. 0.006 min

Lab File: VY005393.D

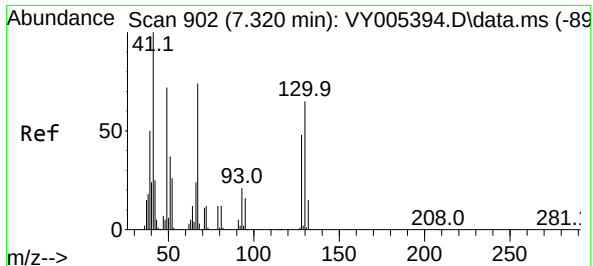
Acq: 09 Jul 2021 11:35

Tgt Ion: 78 Resp: 273916

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.3  | 19.0  | 28.6  |



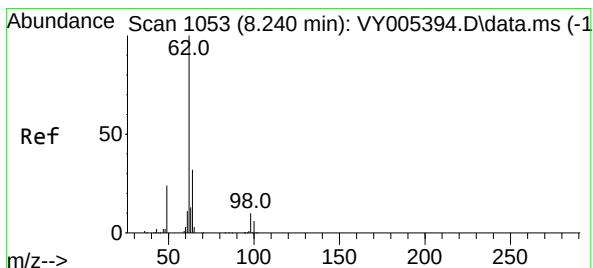
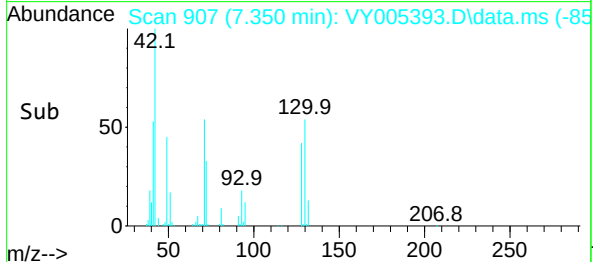
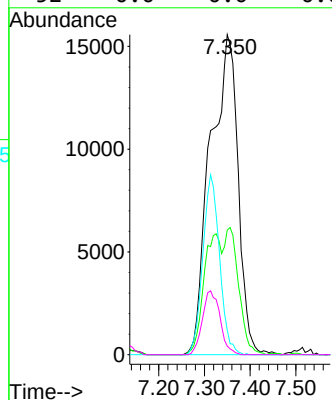
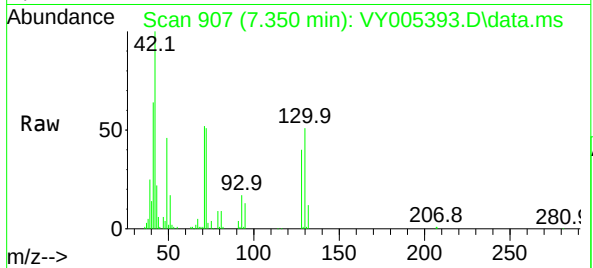




#41  
Methacrylonitrile  
Concen: 49.506 ug/l  
RT: 7.350 min Scan# 907  
Delta R.T. 0.030 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

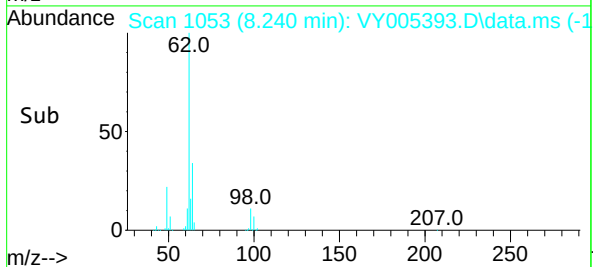
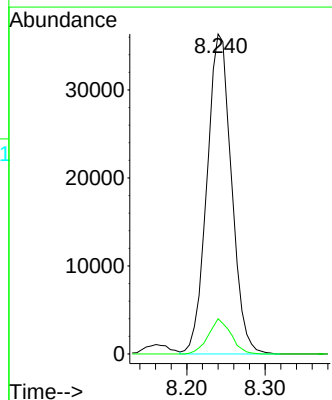
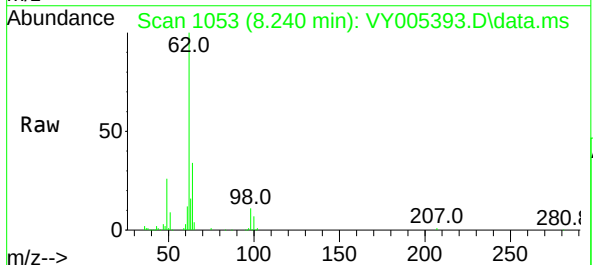
Instrument :  
MSVOA\_Y  
ClientSampleId :

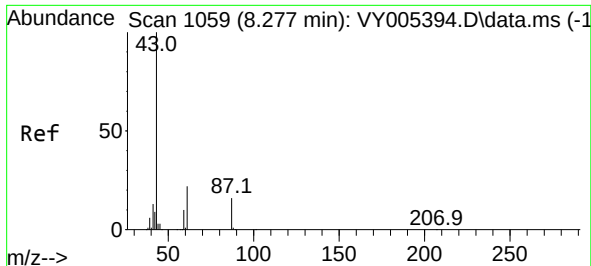
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 65631 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 0.0   | 0.0   |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |



#42  
1,2-Dichloroethane  
Concen: 20.769 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 79126 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.1  | 0.0   | 21.0  |



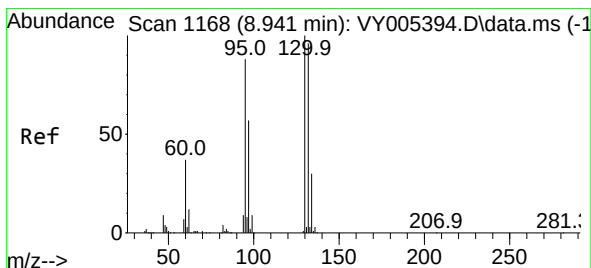
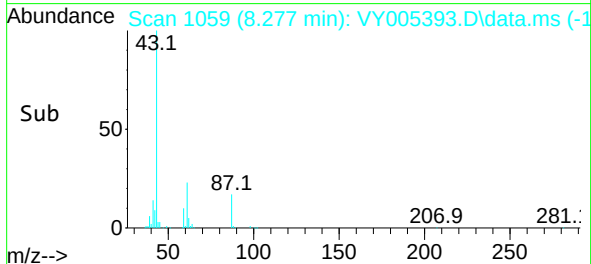
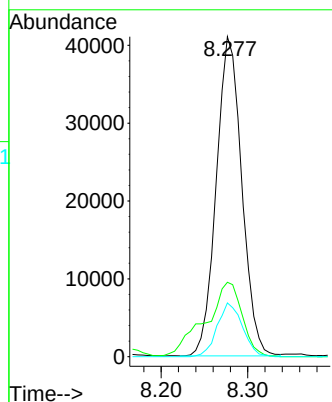
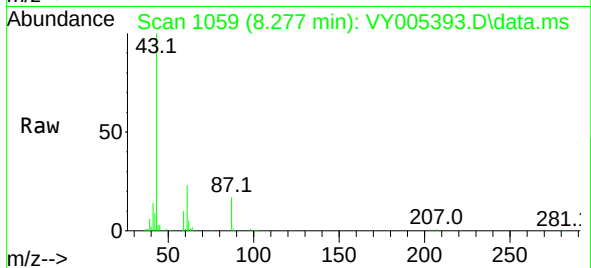


#43

Isopropyl Acetate  
Concen: 20.184 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Instrument :  
MSVOA\_Y  
ClientSampled :

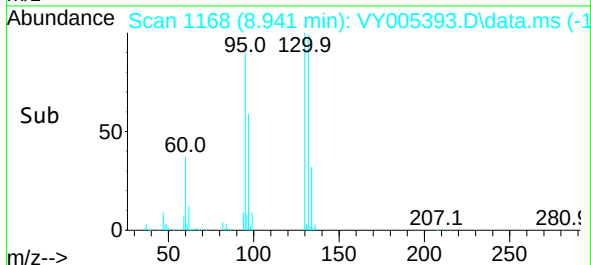
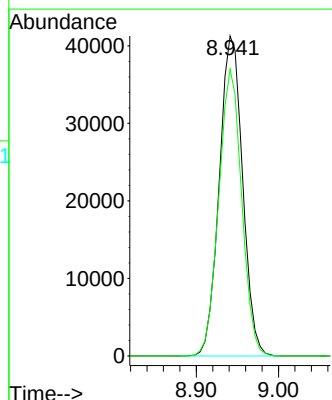
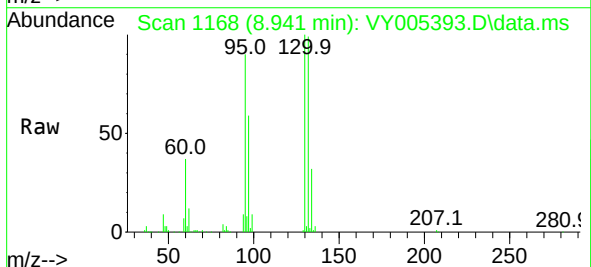
Tgt Ion: 43 Resp: 83788  
Ion Ratio Lower Upper  
43 100  
61 33.7 25.7 38.5  
87 16.7 13.0 19.6

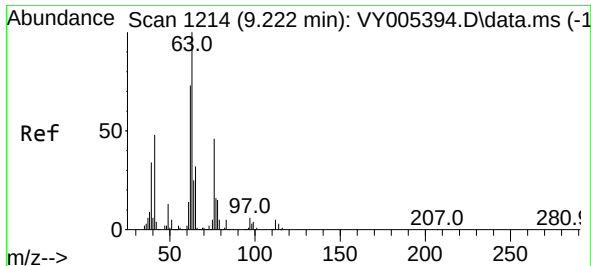


#44

Trichloroethene  
Concen: 20.970 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion:130 Resp: 81412  
Ion Ratio Lower Upper  
130 100  
95 89.6 0.0 175.6



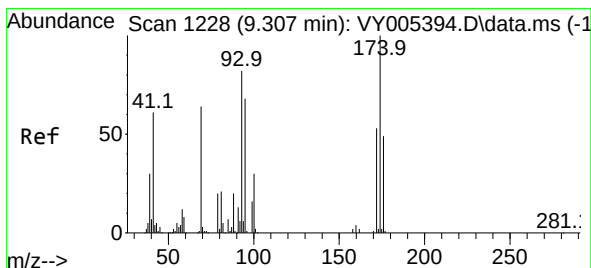
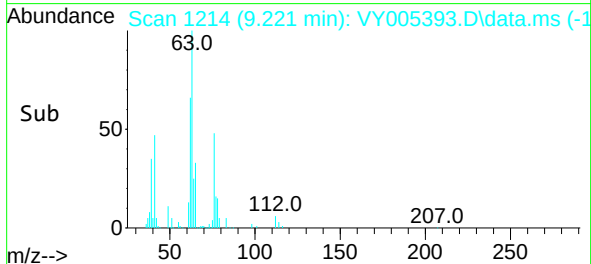
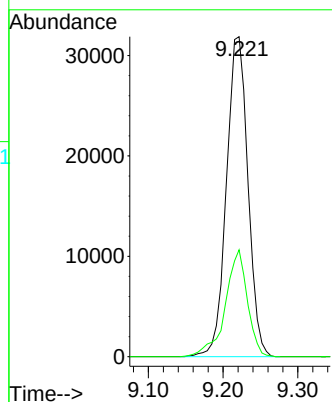
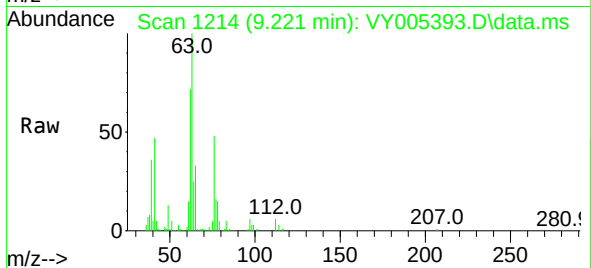


#45

1,2-Dichloropropane  
Concen: 20.666 ug/l  
RT: 9.221 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Instrument :  
MSVOA\_Y  
ClientSampled :

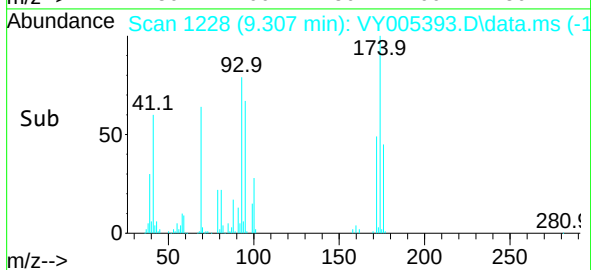
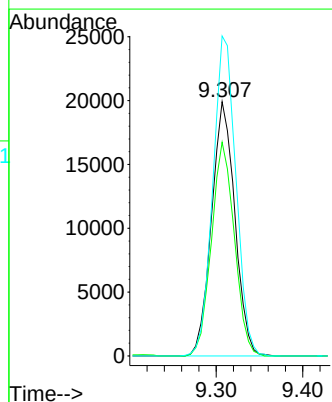
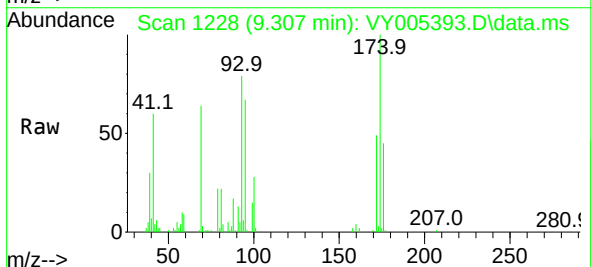
Tgt Ion: 63 Resp: 63691  
Ion Ratio Lower Upper  
63 100  
65 33.4 25.8 38.6

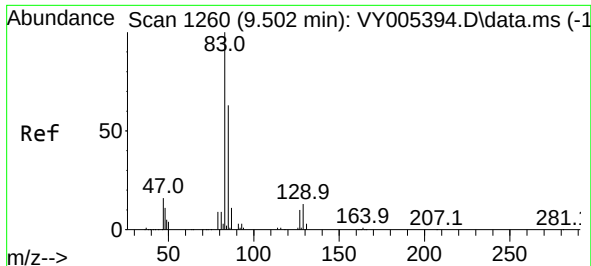


#46

Dibromomethane  
Concen: 20.605 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 93 Resp: 37208  
Ion Ratio Lower Upper  
93 100  
95 82.5 66.5 99.7  
174 124.6 99.4 149.2

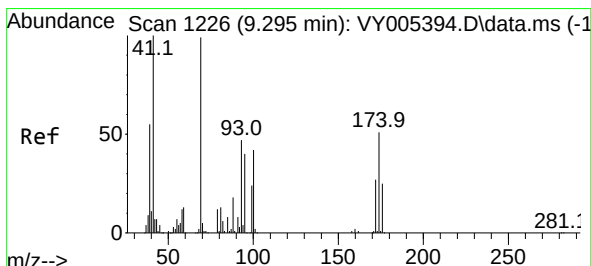
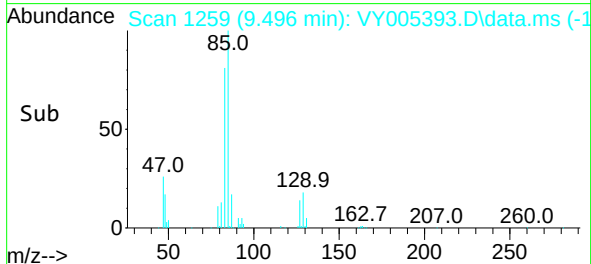
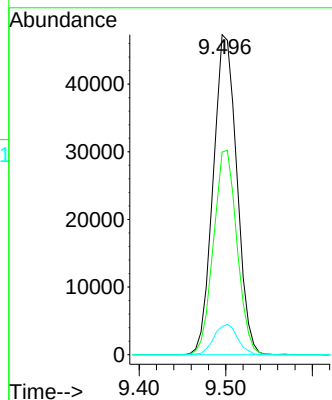
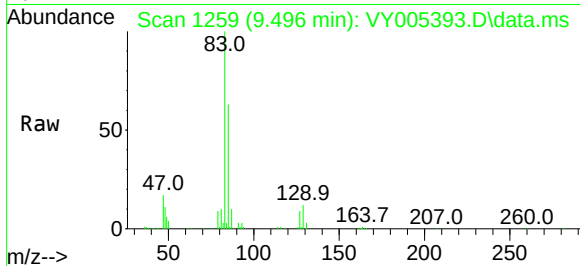




#47  
Bromodichloromethane  
Concen: 20.504 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

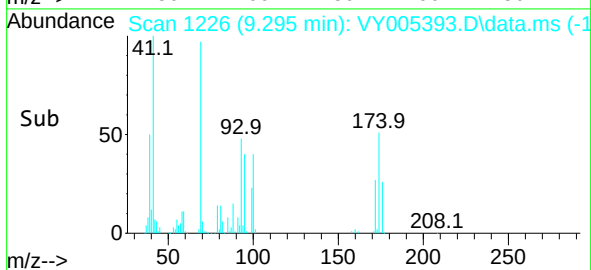
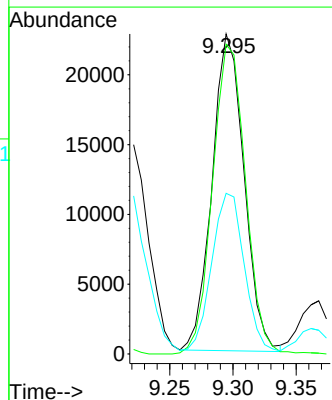
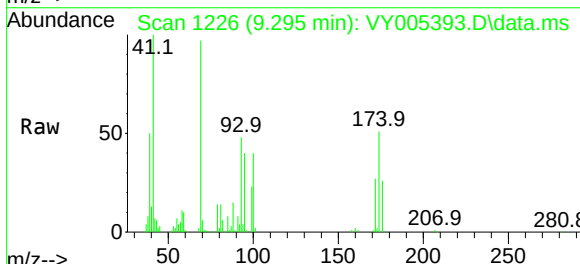
Instrument :  
MSVOA\_Y  
ClientSampleId :

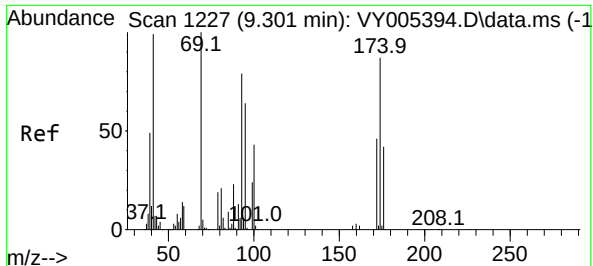
Tgt Ion: 83 Resp: 89664  
Ion Ratio Lower Upper  
83 100  
85 63.3 50.6 76.0  
127 8.8 7.6 11.4



#48  
Methyl methacrylate  
Concen: 20.763 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 41 Resp: 39845  
Ion Ratio Lower Upper  
41 100  
69 101.0 80.6 121.0  
39 52.7 43.3 64.9





#49

1,4-Dioxane

Concen: 433.963 ug/l

RT: 9.301 min Scan# 1227

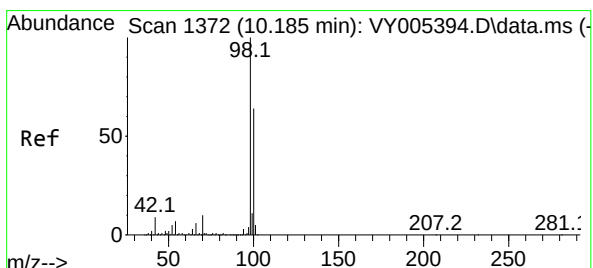
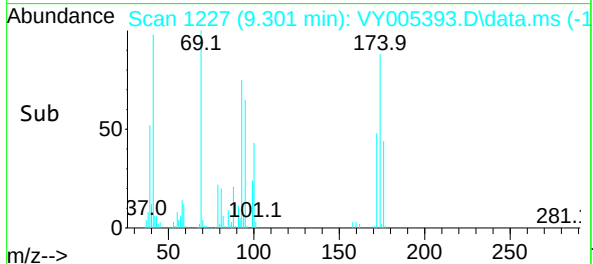
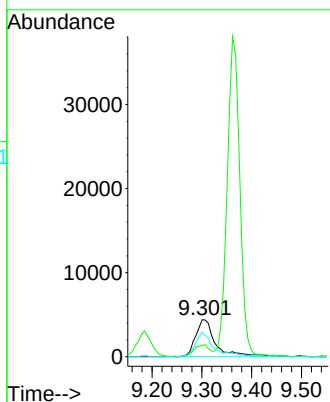
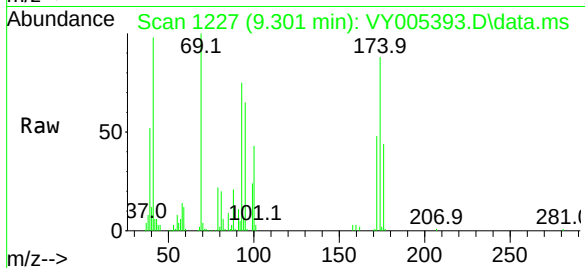
Delta R.T. -0.000 min

Lab File: VY005393.D

Acq: 09 Jul 2021 11:35

Tgt Ion: 88 Resp: 12237

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 26.3  | 19.5  | 29.3  |
| 58  | 52.5  | 44.7  | 67.1  |



#50

Toluene-d8

Concen: 21.614 ug/l

RT: 10.179 min Scan# 1371

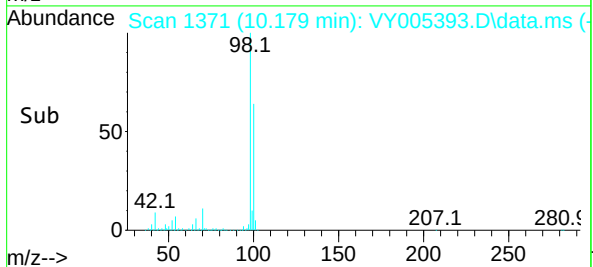
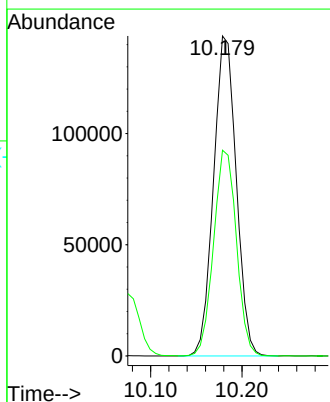
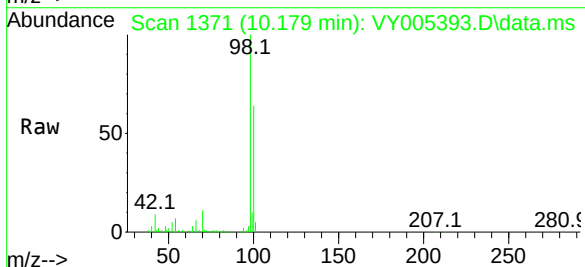
Delta R.T. -0.006 min

Lab File: VY005393.D

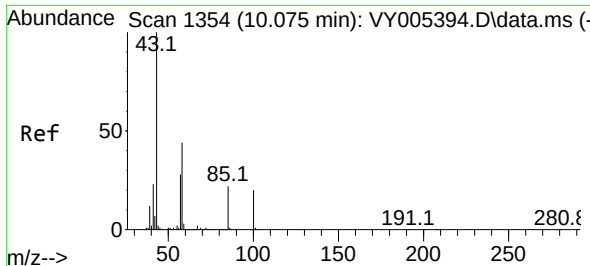
Acq: 09 Jul 2021 11:35

Tgt Ion: 98 Resp: 248928

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 64.7  | 51.8  | 77.8  |



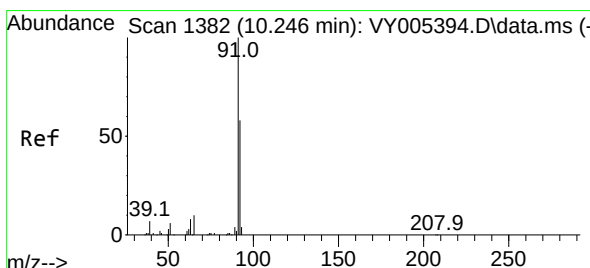
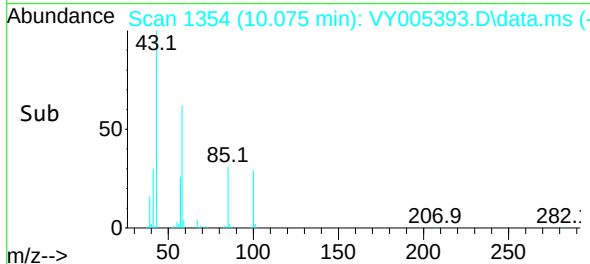
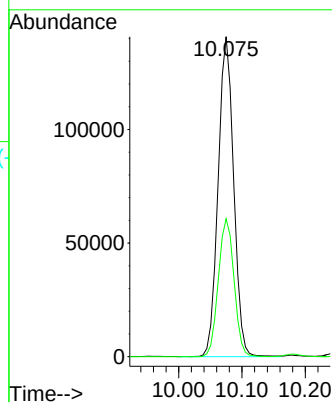
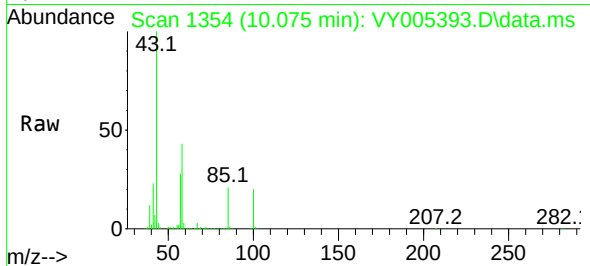
Instrument :  
MSVOA\_Y  
ClientSampleId :



#51  
4-Methyl-2-Pentanone  
Concen: 104.374 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

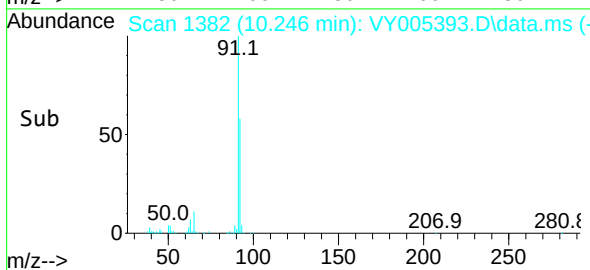
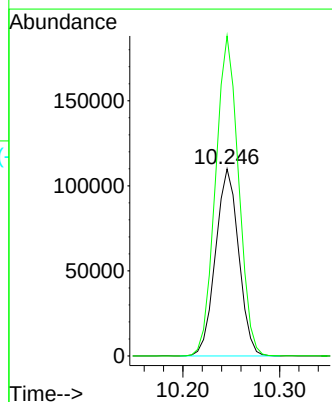
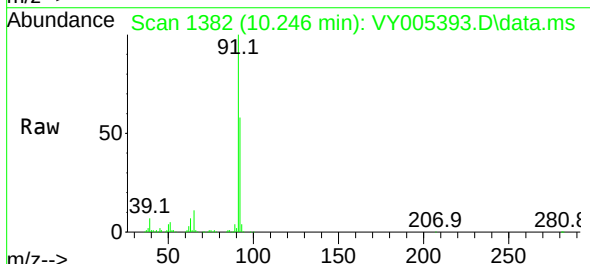
Instrument :  
MSVOA\_Y  
ClientSampled :

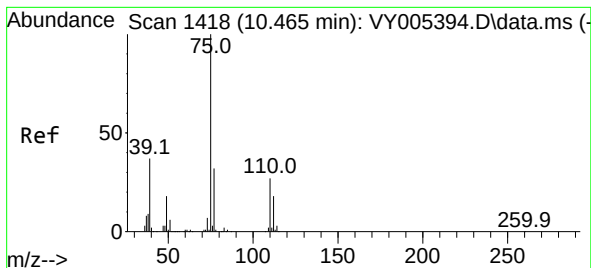
Tgt Ion: 43 Resp: 239425  
Ion Ratio Lower Upper  
43 100  
58 43.5 34.8 52.2



#52  
Toluene  
Concen: 20.999 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 92 Resp: 182337  
Ion Ratio Lower Upper  
92 100  
91 170.6 138.8 208.2

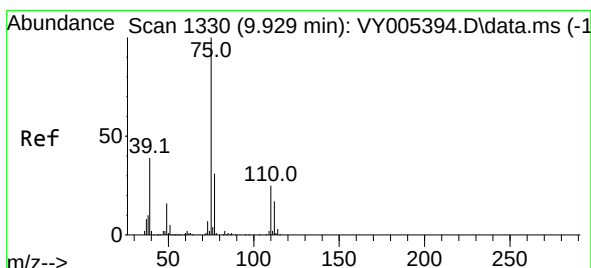
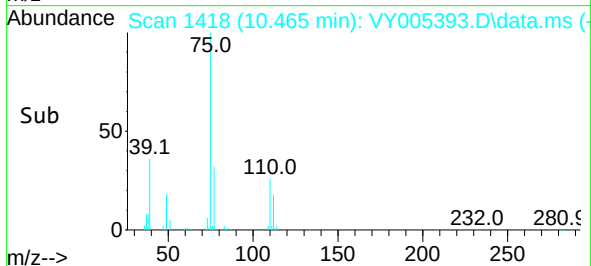
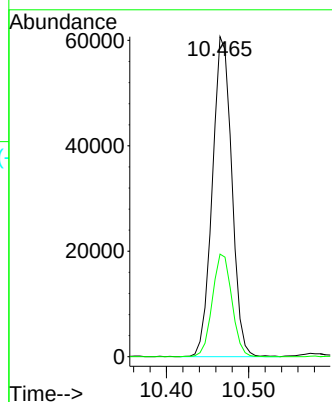
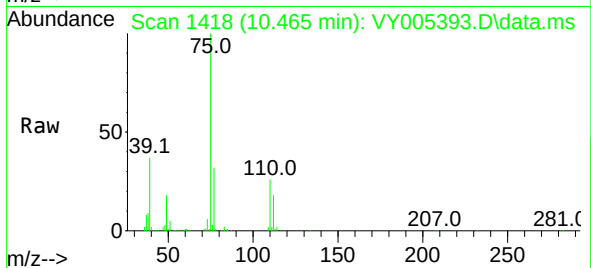




#53  
t-1,3-Dichloropropene  
Concen: 20.427 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

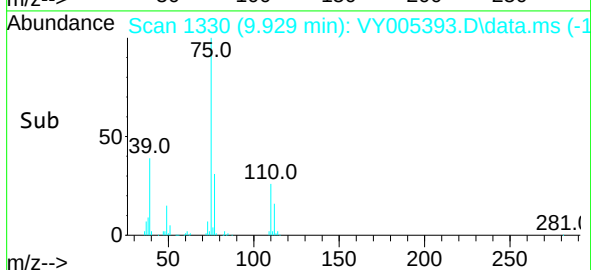
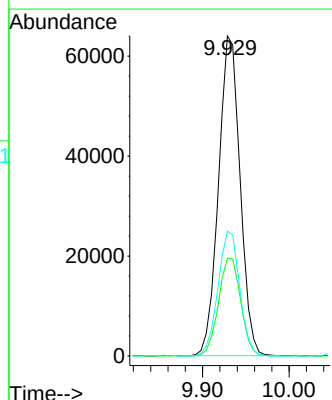
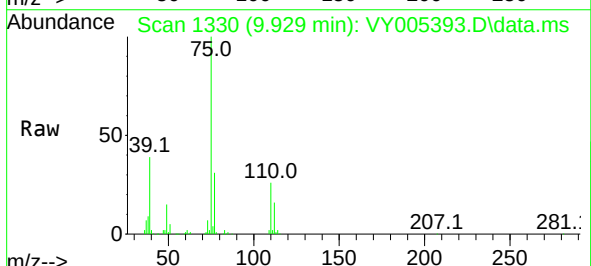
Instrument :  
MSVOA\_Y  
ClientSampled :

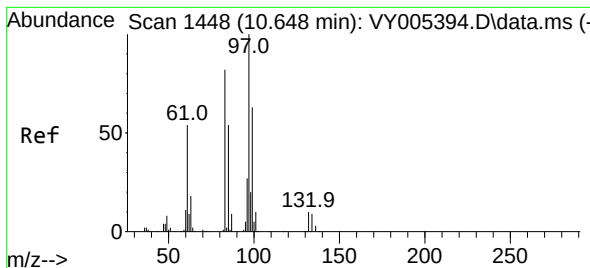
Tgt Ion: 75 Resp: 99750  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 20.549 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 75 Resp: 110611  
Ion Ratio Lower Upper  
75 100  
77 30.6 25.1 37.7  
39 39.0 31.5 47.3

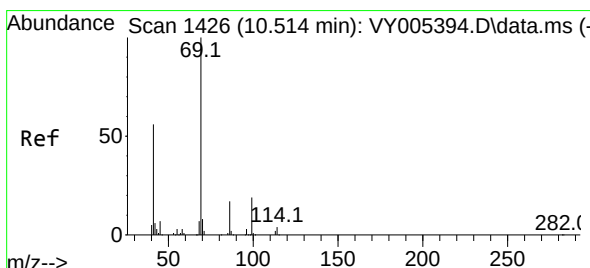
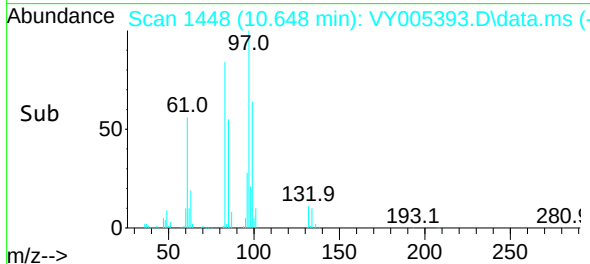
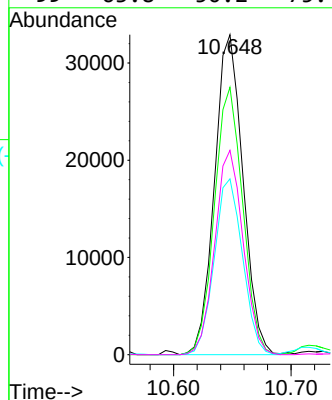
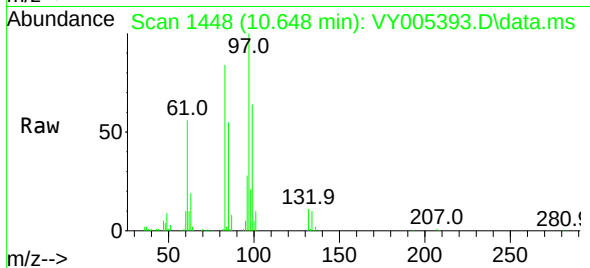




#55  
1,1,2-Trichloroethane  
Concen: 20.671 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

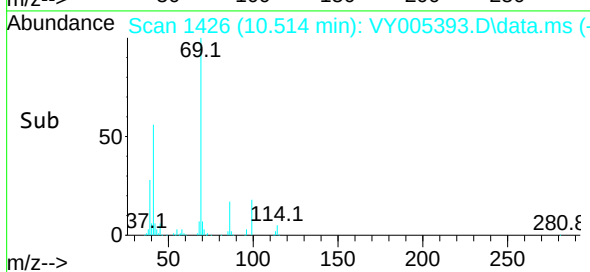
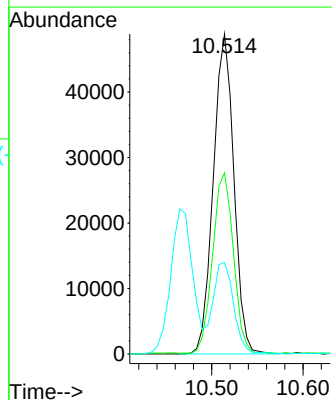
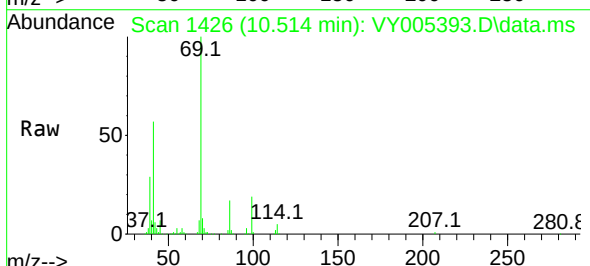
Instrument :  
MSVOA\_Y  
ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 55392 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 83.5     | 65.8 98.8   |
| 85 55.0     | 43.0 64.6   |
| 99 63.8     | 50.2 75.4   |

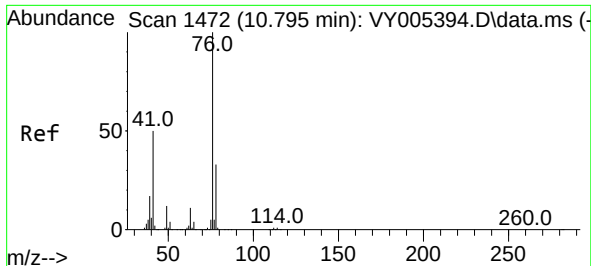


#56  
Ethyl methacrylate  
Concen: 20.518 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 76418 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 57.1     | 45.9 68.9   |
| 39 29.3     | 22.4 33.6   |



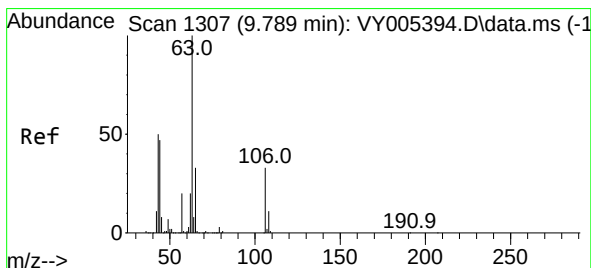
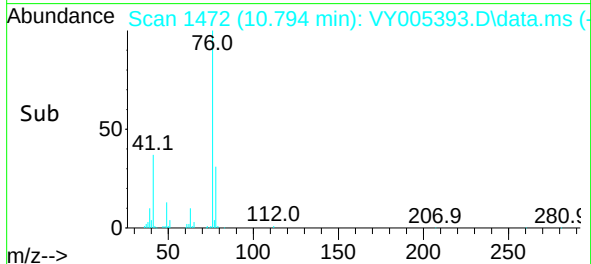
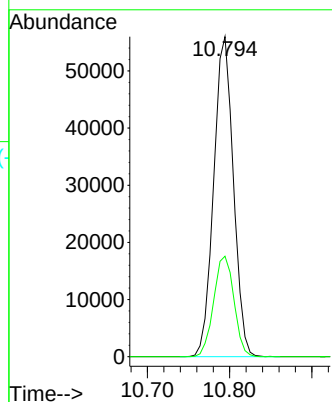
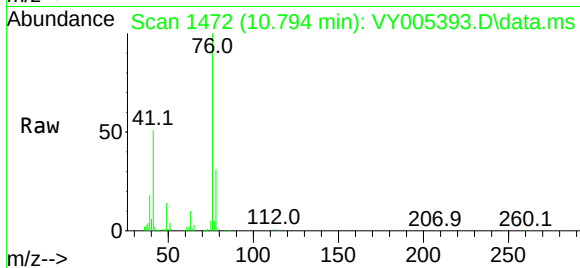




#57  
1,3-Dichloropropane  
Concen: 20.596 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

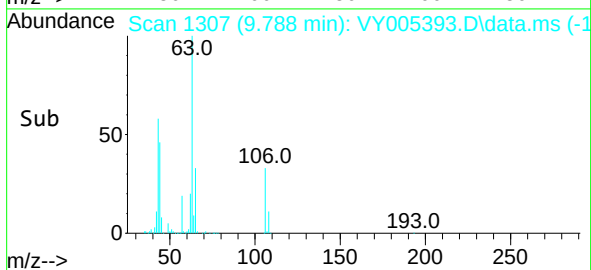
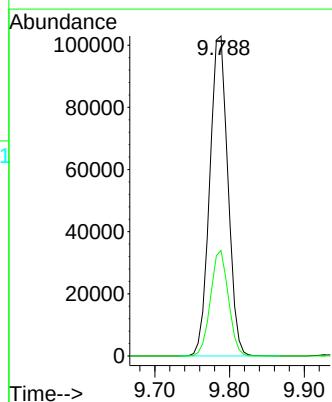
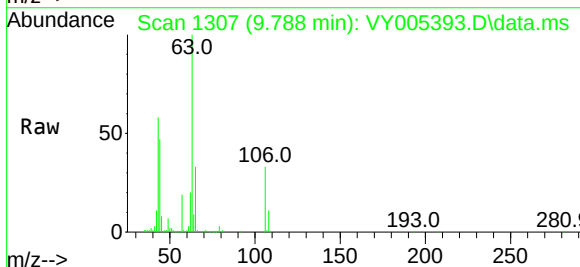
Instrument :  
MSVOA\_Y  
ClientSampled :

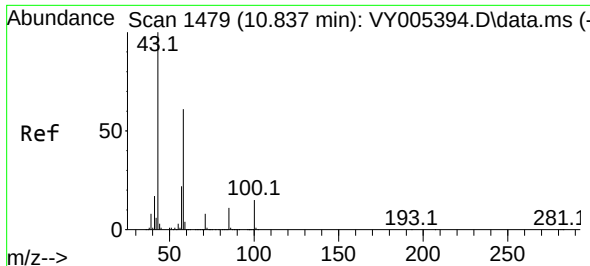
Tgt Ion: 76 Resp: 93170  
Ion Ratio Lower Upper  
76 100  
78 32.4 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 109.145 ug/l  
RT: 9.788 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 63 Resp: 173797  
Ion Ratio Lower Upper  
63 100  
106 32.4 25.8 38.6

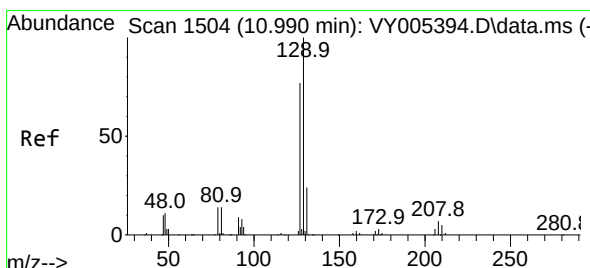
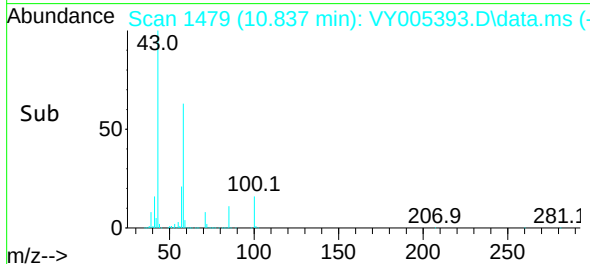
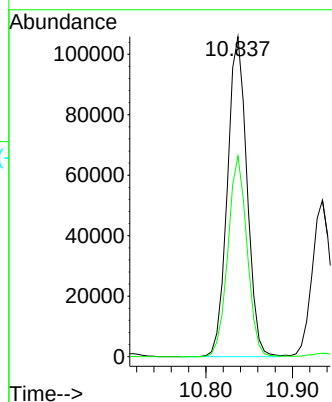
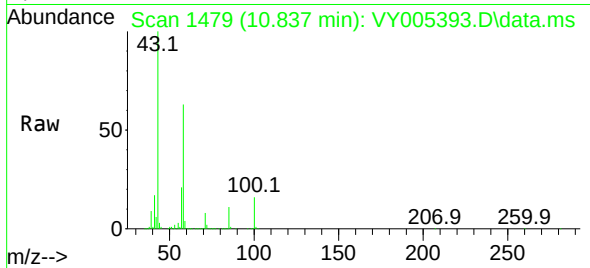




#59  
2-Hexanone  
Concen: 103.605 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

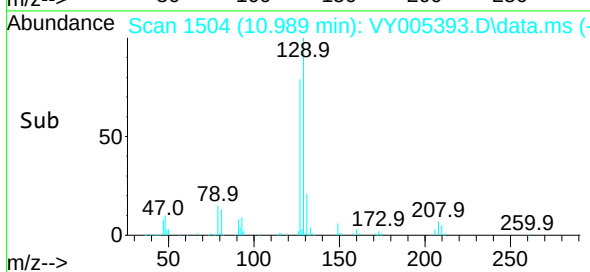
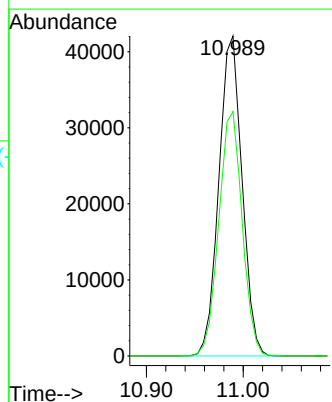
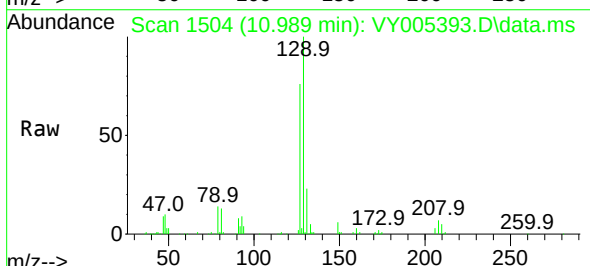
Instrument :  
MSVOA\_Y  
ClientSampled :

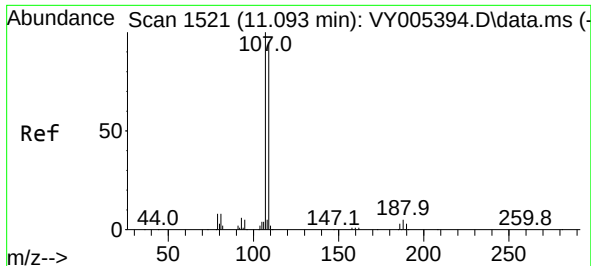
Tgt Ion: 43 Resp: 165987  
Ion Ratio Lower Upper  
43 100  
58 61.1 30.4 91.2



#60  
Dibromochloromethane  
Concen: 20.877 ug/l  
RT: 10.989 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 129 Resp: 69896  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.4 115.1

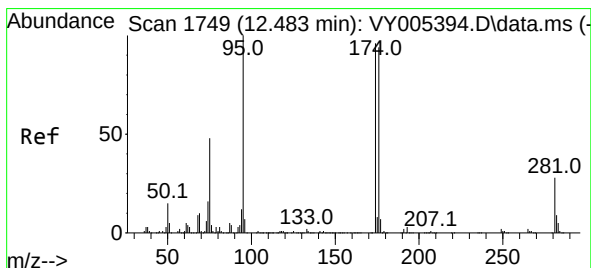
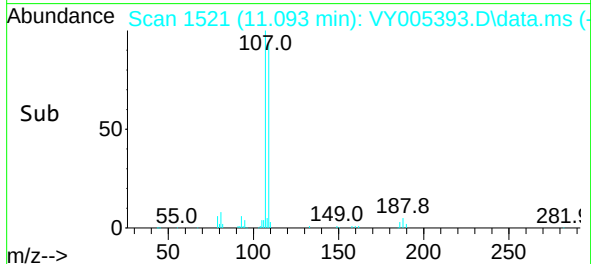
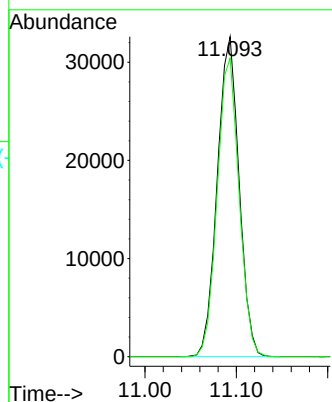
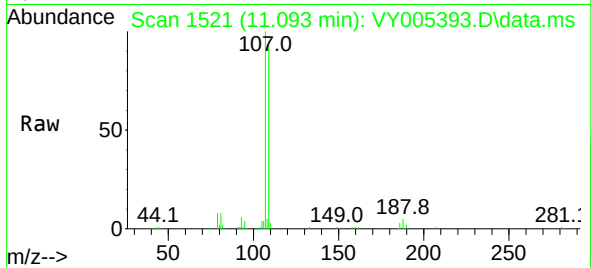




#61  
1,2-Dibromoethane  
Concen: 20.954 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

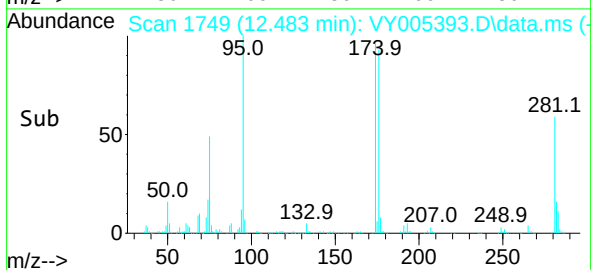
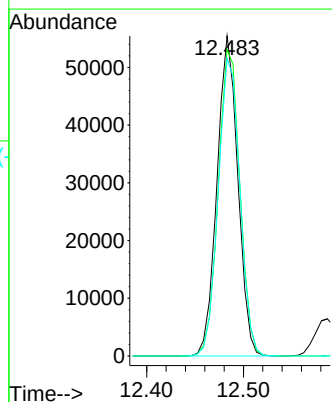
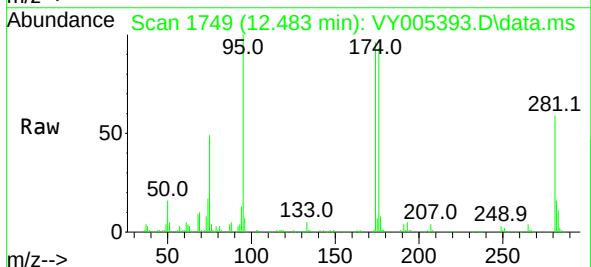
Instrument :  
MSVOA\_Y  
ClientSampled :

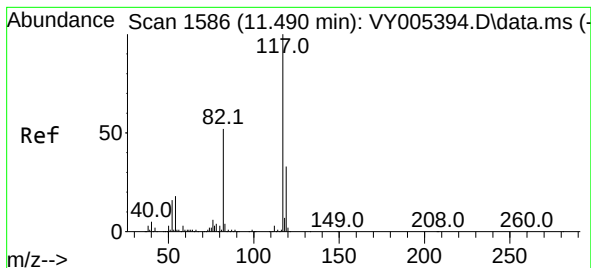
Tgt Ion:107 Resp: 54026  
Ion Ratio Lower Upper  
107 100  
109 93.4 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 21.343 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 95 Resp: 82863  
Ion Ratio Lower Upper  
95 100  
174 99.1 0.0 196.2  
176 96.6 0.0 189.6

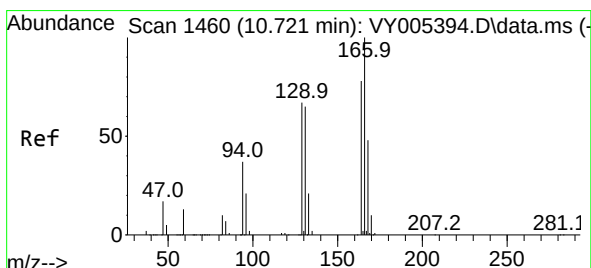
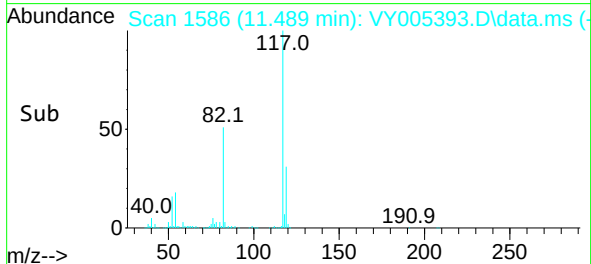
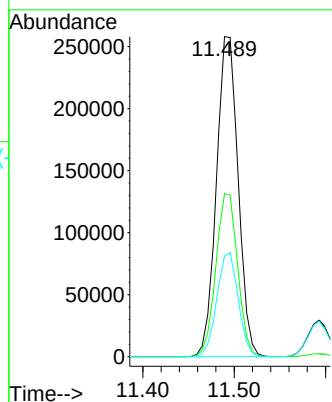
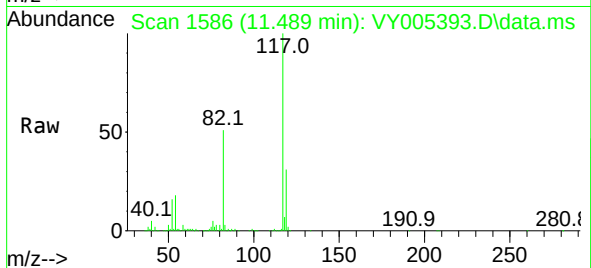




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

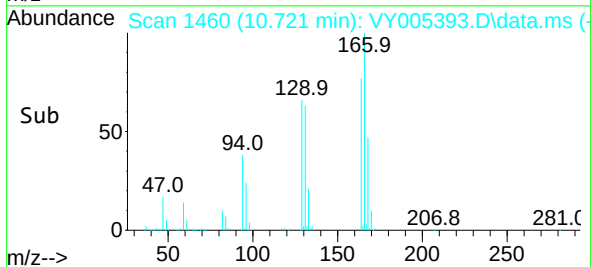
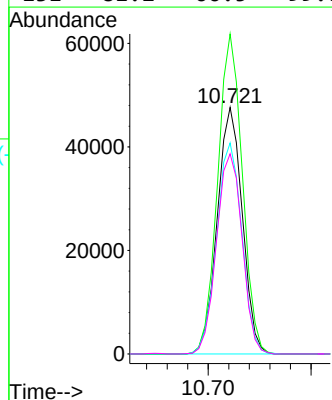
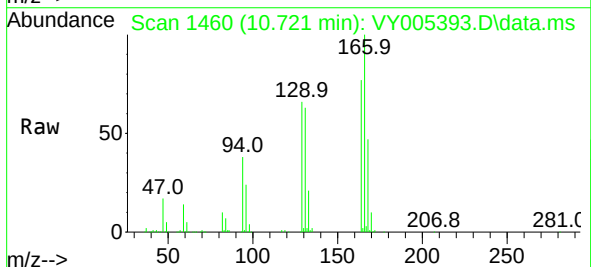
Instrument :  
MSVOA\_Y  
ClientSampleId :

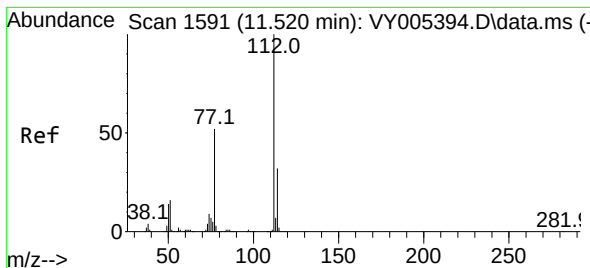
Tgt Ion:117 Resp: 426553  
Ion Ratio Lower Upper  
117 100  
82 50.9 41.6 62.4  
119 31.5 26.1 39.1



#64  
Tetrachloroethene  
Concen: 20.828 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion:164 Resp: 80341  
Ion Ratio Lower Upper  
164 100  
166 129.8 102.6 154.0  
129 85.6 68.4 102.6  
131 81.2 66.5 99.7

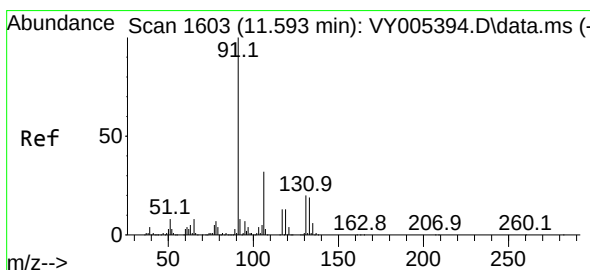
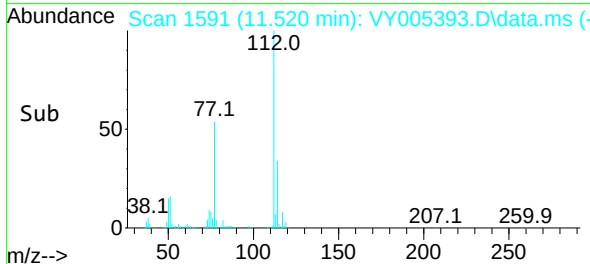
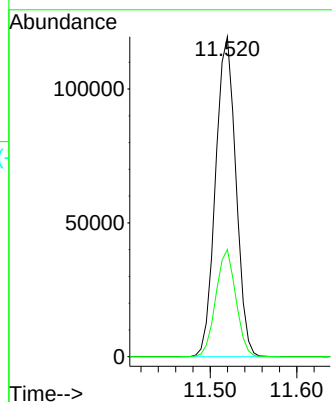
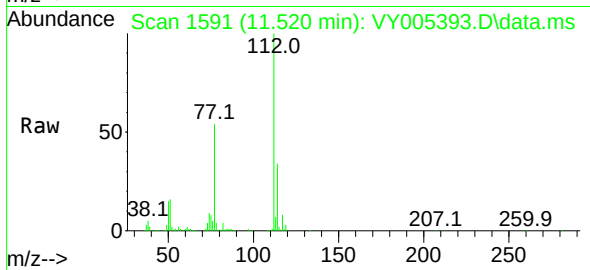




#65  
Chlorobenzene  
Concen: 20.540 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

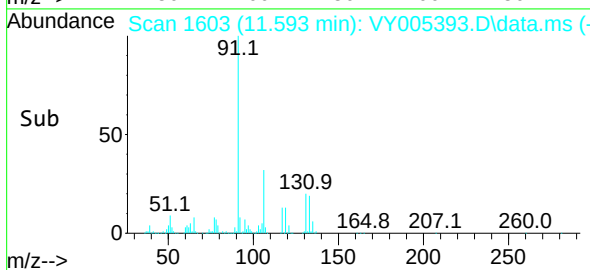
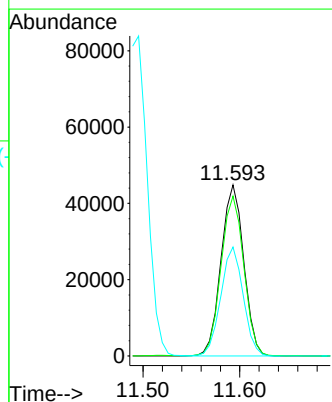
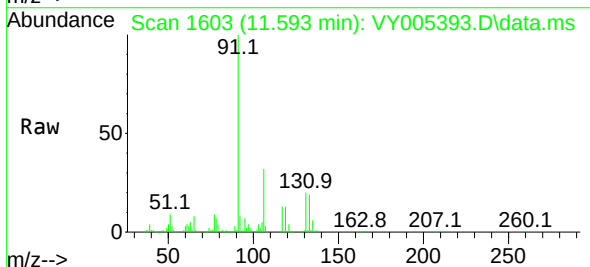
Instrument :  
MSVOA\_Y  
ClientSampled :

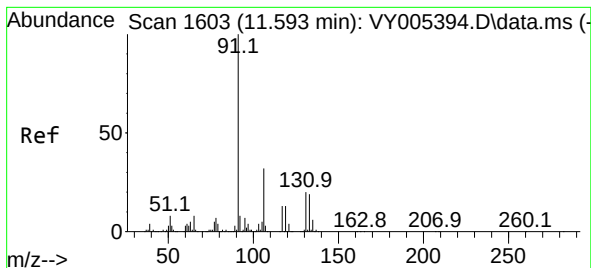
Tgt Ion:112 Resp: 194983  
Ion Ratio Lower Upper  
112 100  
114 33.5 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.689 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion:131 Resp: 73038  
Ion Ratio Lower Upper  
131 100  
133 94.1 48.4 145.2  
119 62.8 31.8 95.4

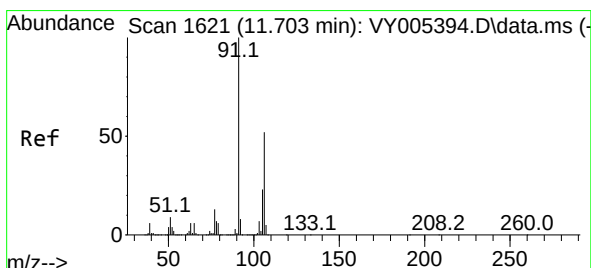
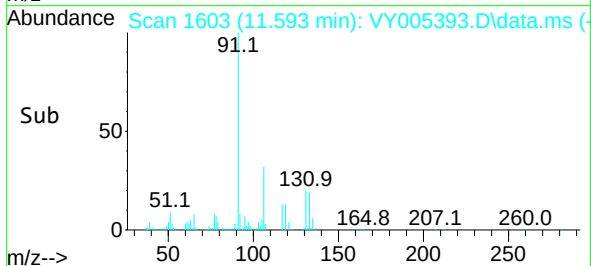
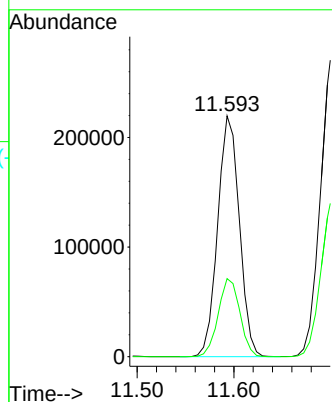
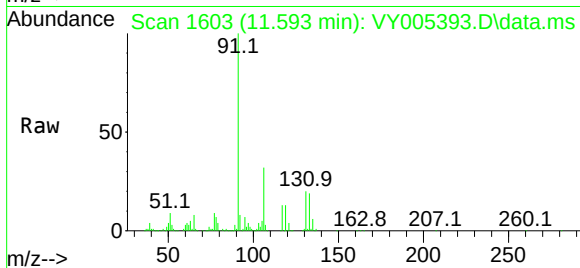




#67  
Ethyl Benzene  
Concen: 20.494 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

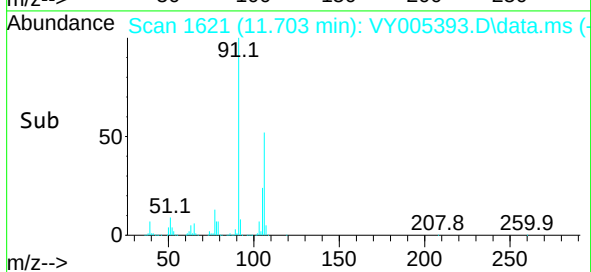
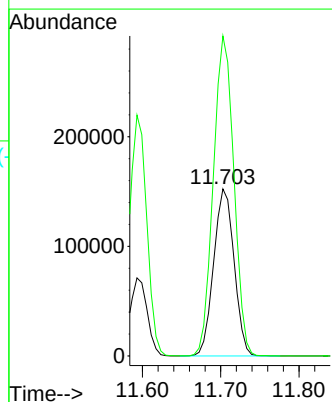
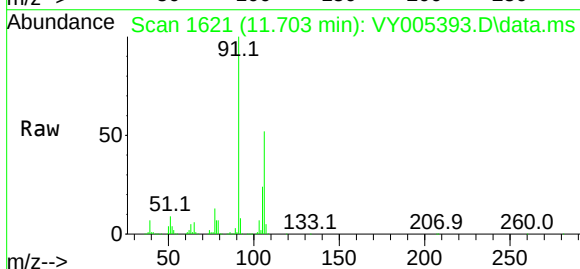
Instrument :  
MSVOA\_Y  
ClientSampled :

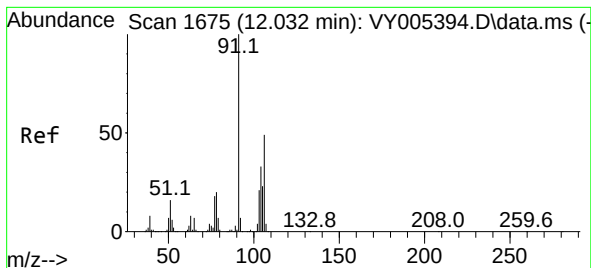
Tgt Ion: 91 Resp: 340932  
Ion Ratio Lower Upper  
91 100  
106 32.4 25.8 38.8



#68  
m/p-Xylenes  
Concen: 41.502 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion:106 Resp: 276220  
Ion Ratio Lower Upper  
106 100  
91 192.3 154.8 232.2

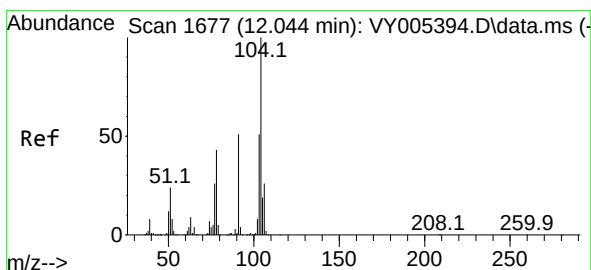
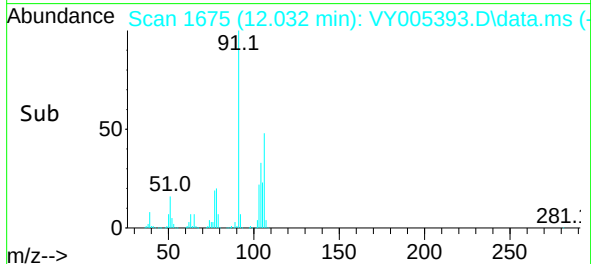
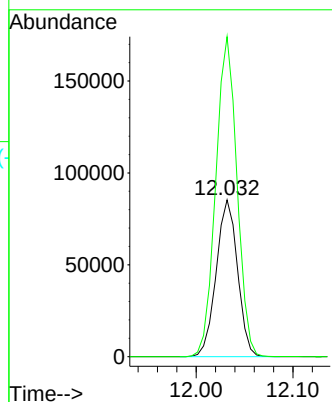
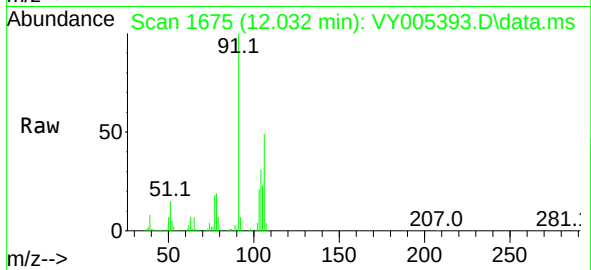




#69  
o-Xylene  
Concen: 20.624 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

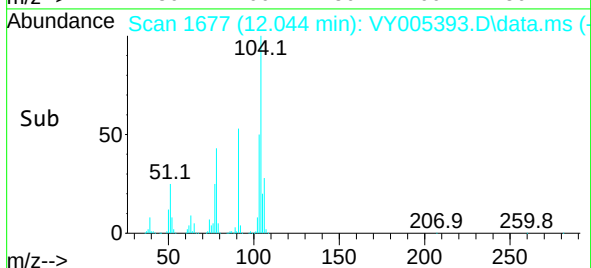
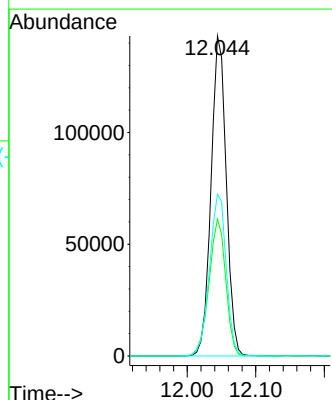
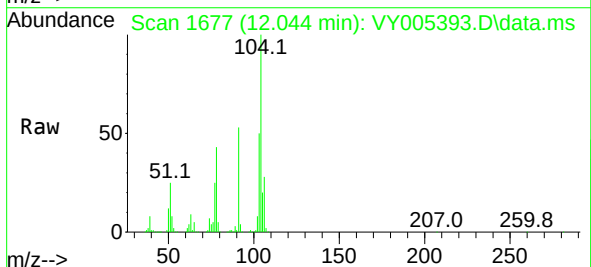
Instrument :  
MSVOA\_Y  
ClientSampleId :

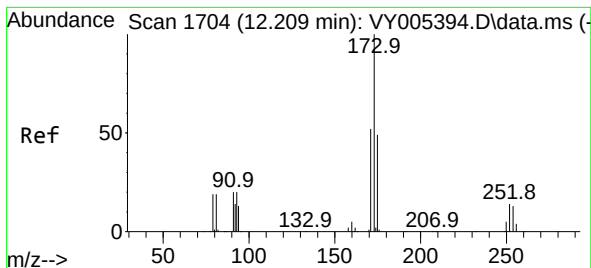
Tgt Ion:106 Resp: 130569  
Ion Ratio Lower Upper  
106 100  
91 202.9 102.4 307.2



#70  
Styrene  
Concen: 20.675 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion:104 Resp: 221838  
Ion Ratio Lower Upper  
104 100  
78 46.8 37.0 55.4  
103 55.4 43.6 65.4





#71

Bromoform

Concen: 20.645 ug/l

RT: 12.209 min Scan# 1704

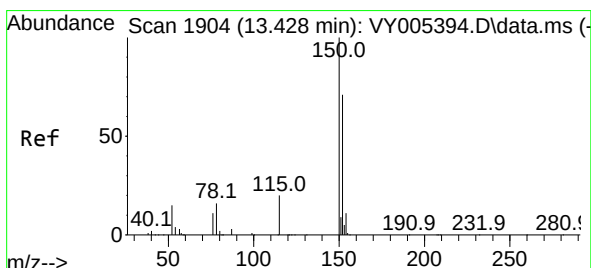
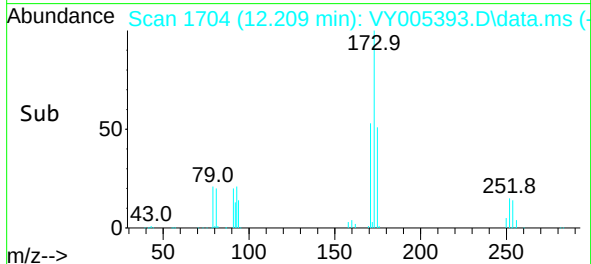
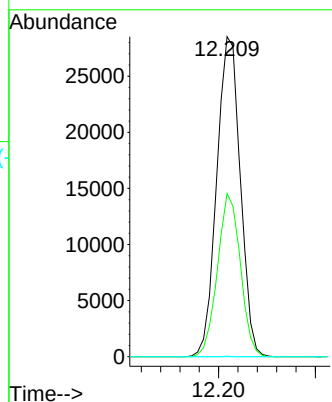
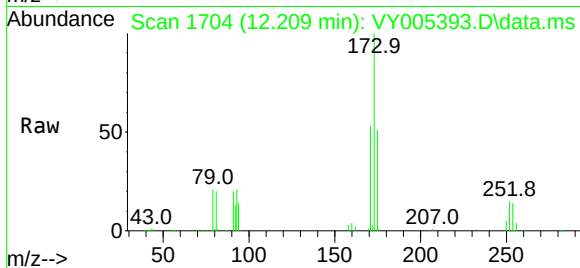
Delta R.T. -0.000 min

Lab File: VY005393.D

Acq: 09 Jul 2021 11:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 48181 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.5  | 24.1  | 72.4  |
| 254       | 0.0   | 0.1   | 0.1#  |

Instrument :  
MSVOA\_Y  
ClientSampled :



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

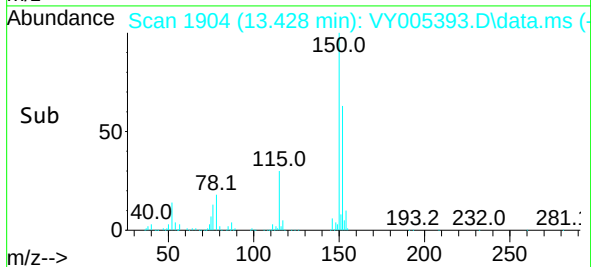
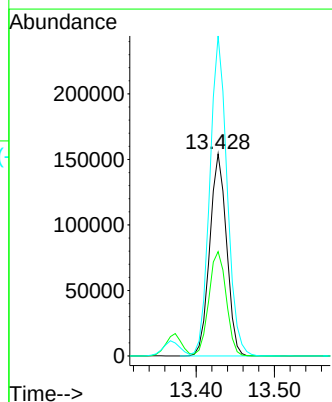
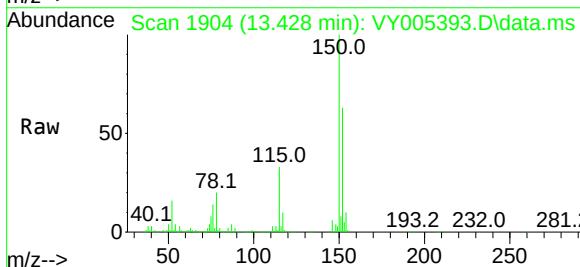
RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

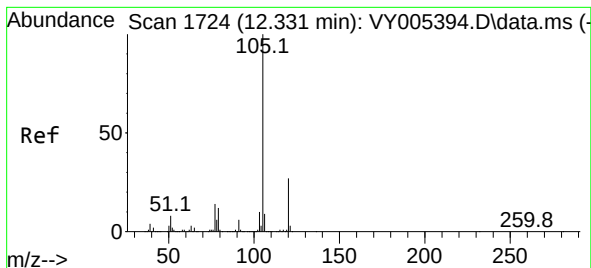
Lab File: VY005393.D

Acq: 09 Jul 2021 11:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 229367 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 53.2  | 26.8  | 80.3   |
| 150       | 163.3 | 0.0   | 349.8  |







#73

Isopropylbenzene

Concen: 20.615 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY005393.D

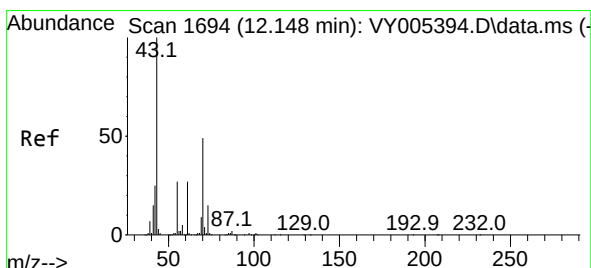
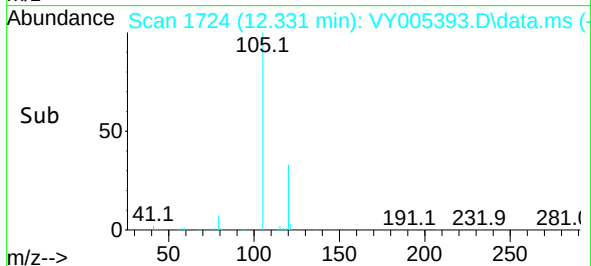
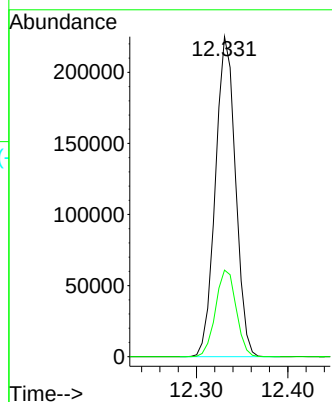
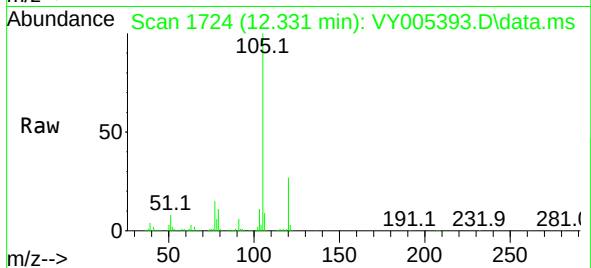
Acq: 09 Jul 2021 11:35

Tgt Ion:105 Resp: 344107

Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.0



#74

N-ethyl acetate

Concen: 19.894 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY005393.D

Acq: 09 Jul 2021 11:35

Tgt Ion: 43 Resp: 78684

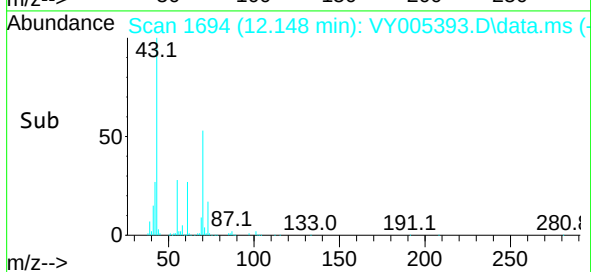
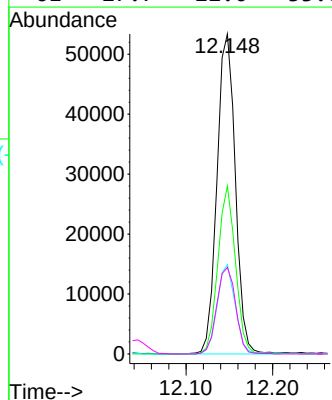
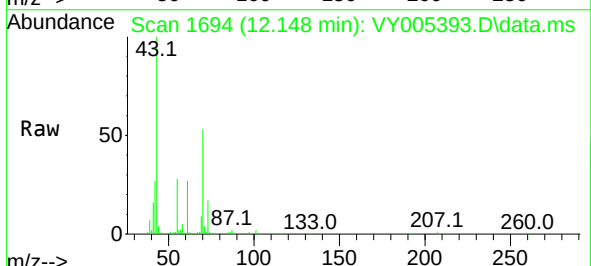
Ion Ratio Lower Upper

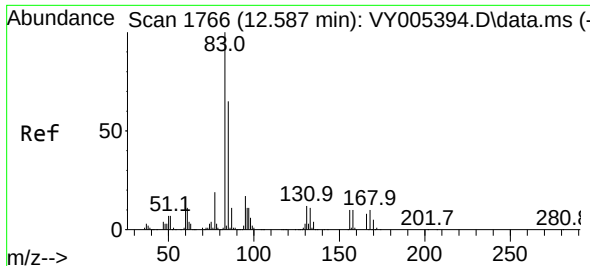
43 100

70 50.0 39.8 59.8

55 27.3 21.2 31.8

61 27.7 22.0 33.0

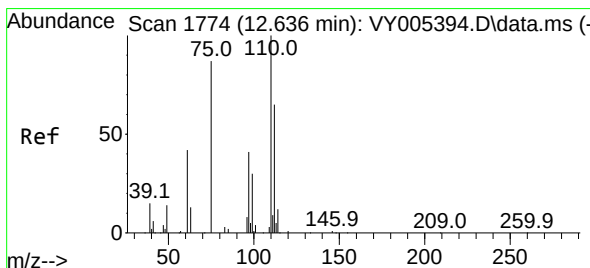
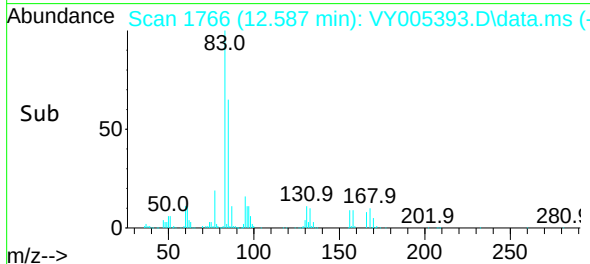
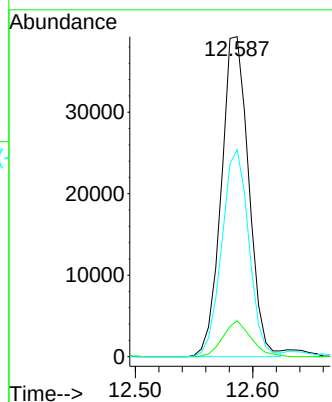
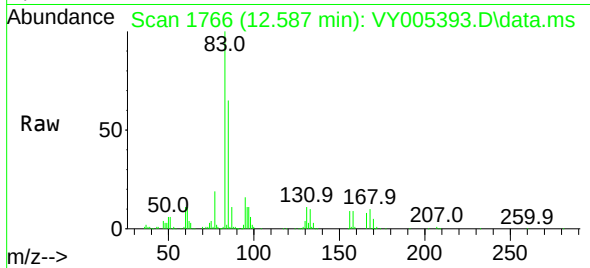




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.543 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

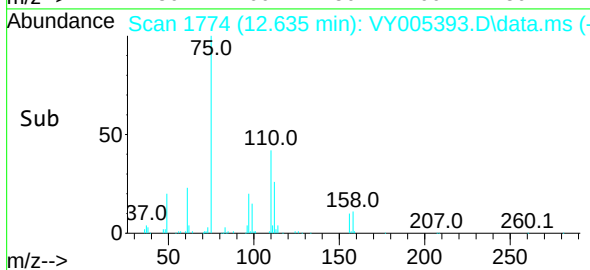
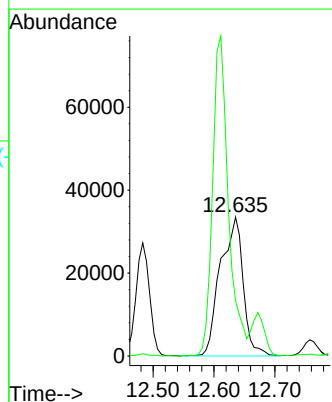
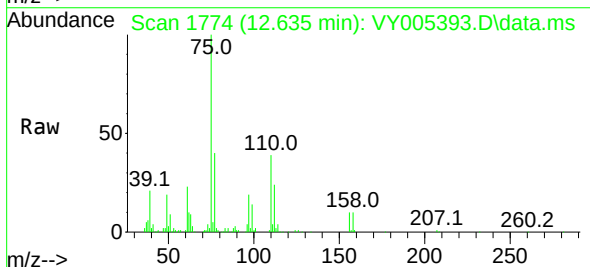
Instrument :  
MSVOA\_Y  
ClientSampleId :

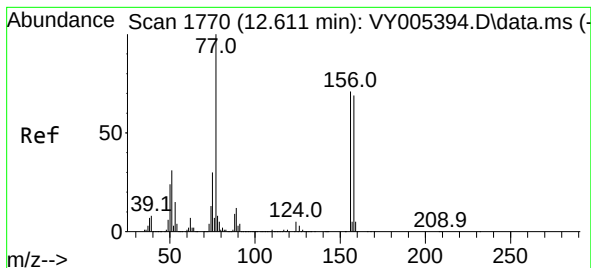
Tgt Ion: 83 Resp: 63637  
Ion Ratio Lower Upper  
83 100  
131 11.5 5.9 17.7  
85 63.9 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 40.795 ug/l  
RT: 12.635 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 75 Resp: 87244  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.361 ug/l

RT: 12.611 min Scan# 1770

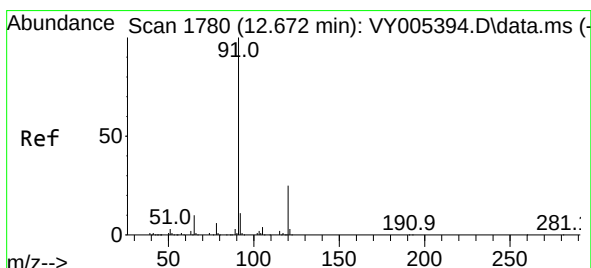
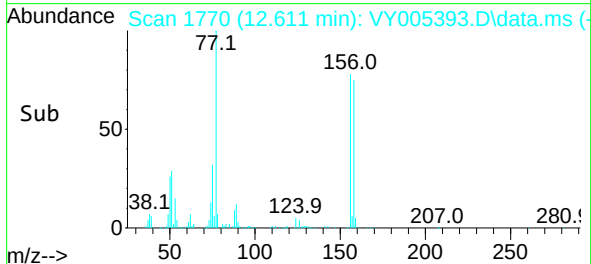
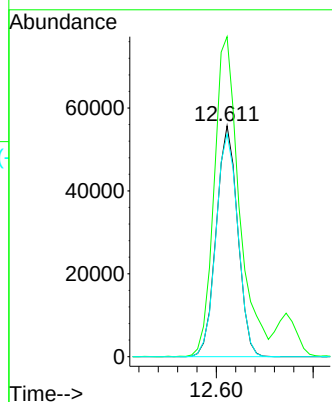
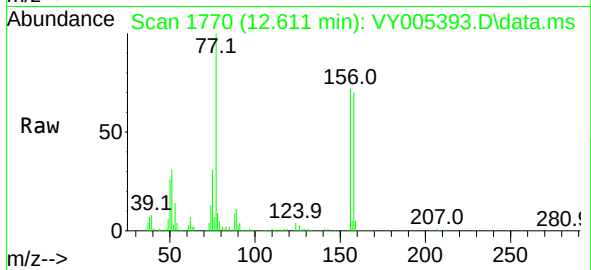
Delta R.T. -0.000 min

Lab File: VY005393.D

Acq: 09 Jul 2021 11:35

Tgt Ion:156 Resp: 85744

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 162.2 | 80.7  | 242.1 |
| 158 | 98.8  | 48.9  | 146.8 |



#78

n-propylbenzene

Concen: 20.601 ug/l

RT: 12.672 min Scan# 1780

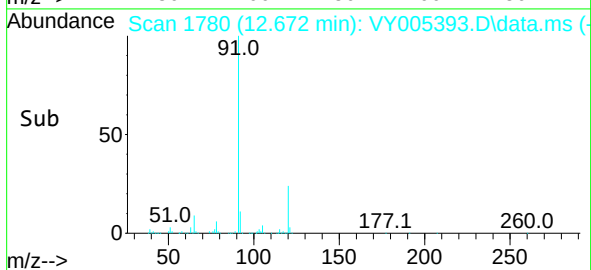
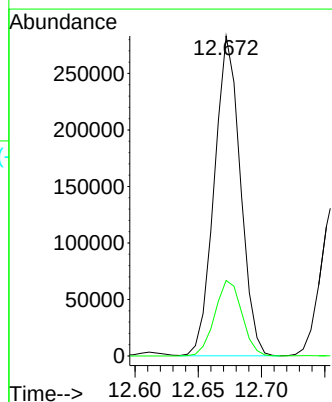
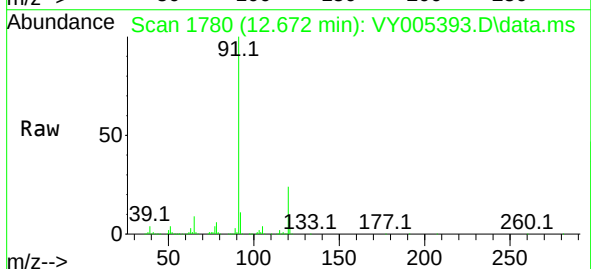
Delta R.T. -0.000 min

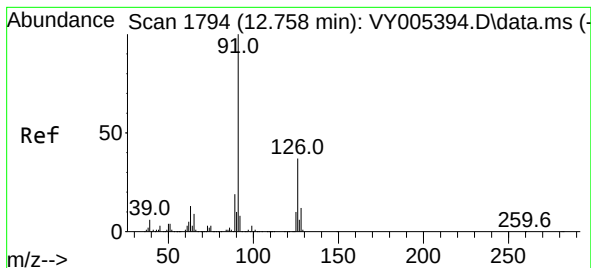
Lab File: VY005393.D

Acq: 09 Jul 2021 11:35

Tgt Ion: 91 Resp: 404730

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 24.5  | 12.3  | 36.9  |

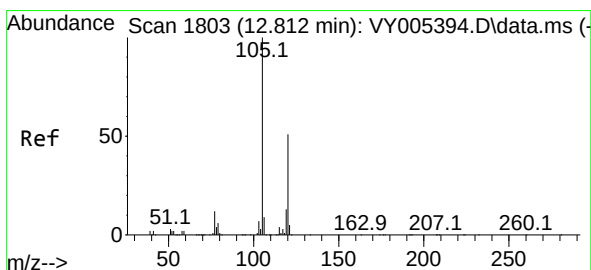
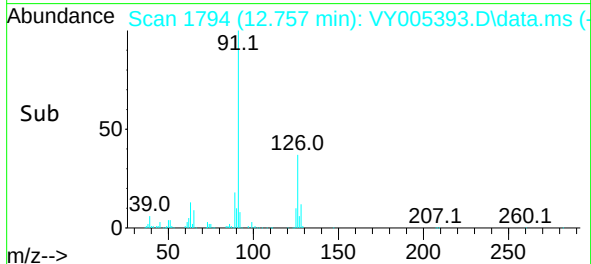
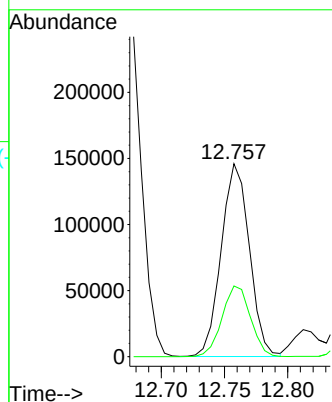
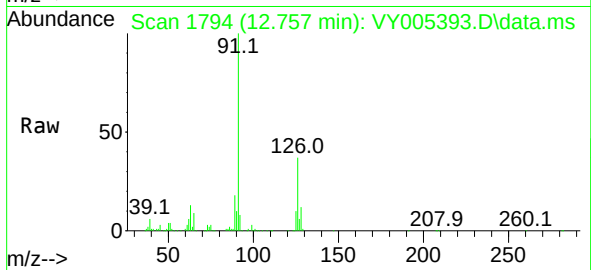




#79  
2-Chlorotoluene  
Concen: 20.489 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

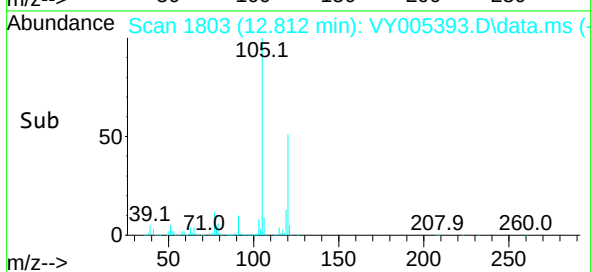
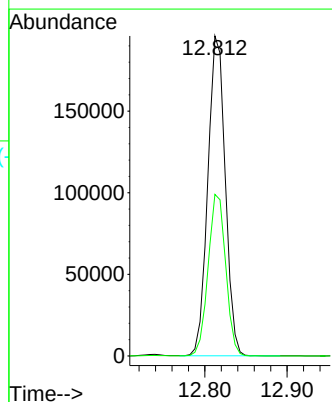
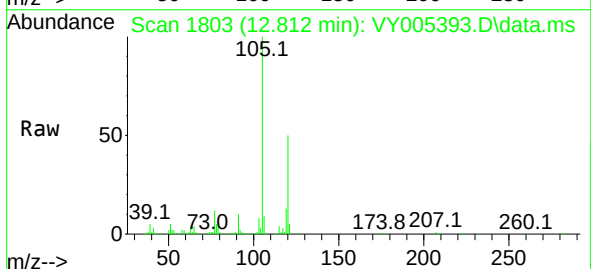
Instrument :  
MSVOA\_Y  
ClientSampled :

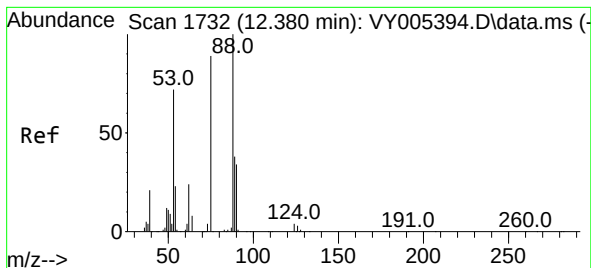
Tgt Ion: 91 Resp: 226198  
Ion Ratio Lower Upper  
91 100  
126 37.0 18.4 55.0



#80  
1,3,5-Trimethylbenzene  
Concen: 20.760 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 105 Resp: 289077  
Ion Ratio Lower Upper  
105 100  
120 51.0 25.4 76.4

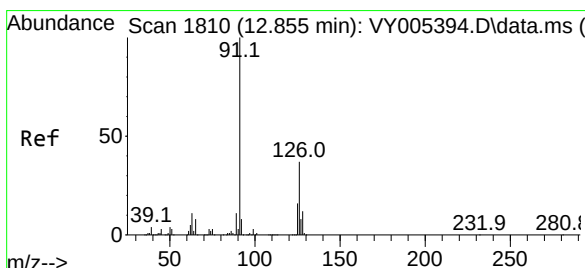
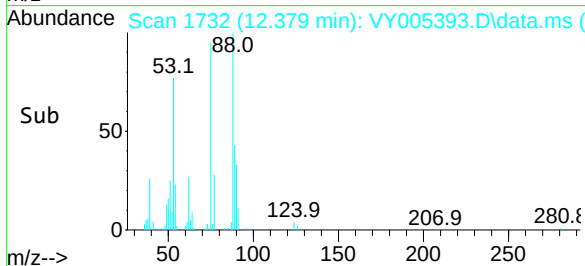
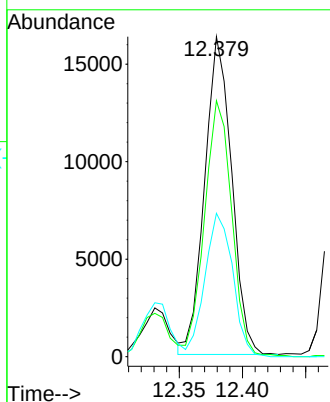
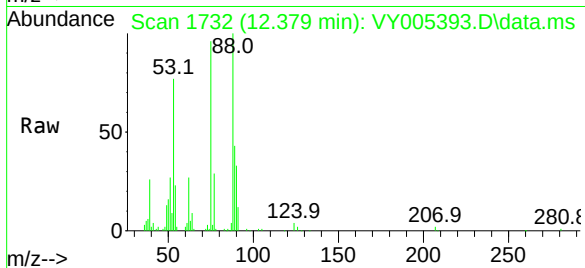




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.257 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

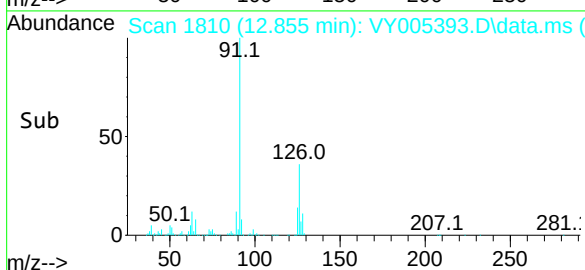
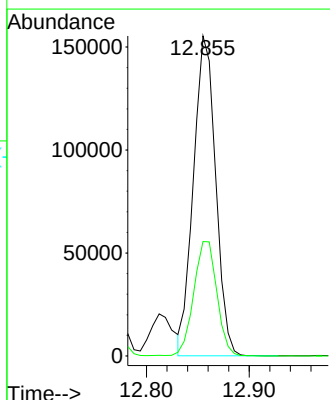
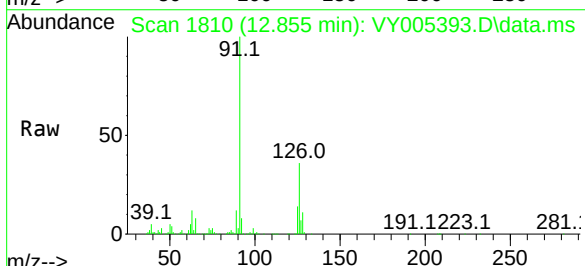
Instrument :  
MSVOA\_Y  
ClientSampleId :

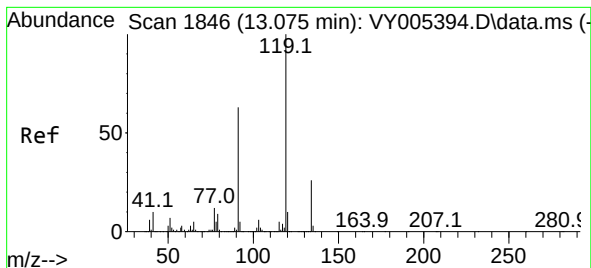
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 80.8  | 66.2  | 99.2  |
| 89      | 46.3  | 37.2  | 55.8  |



#82  
4-Chlorotoluene  
Concen: 20.345 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 37.5  | 18.4  | 55.0  |

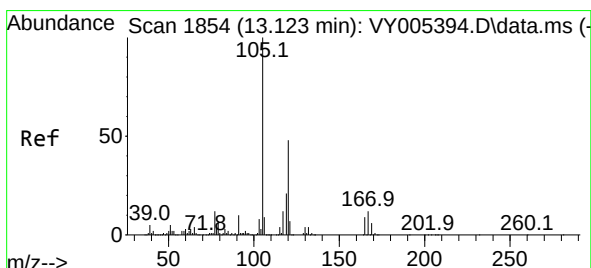
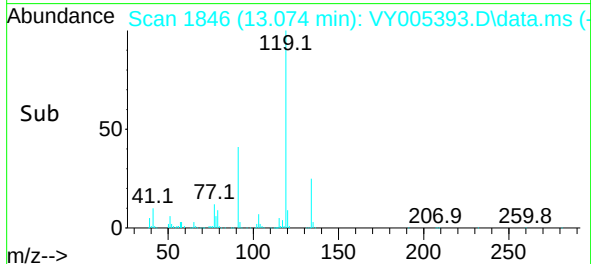
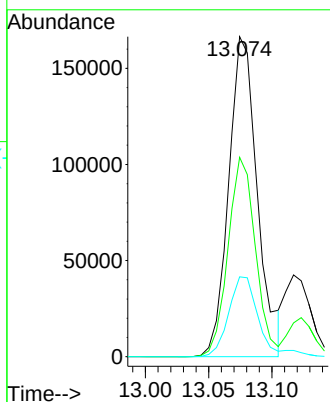
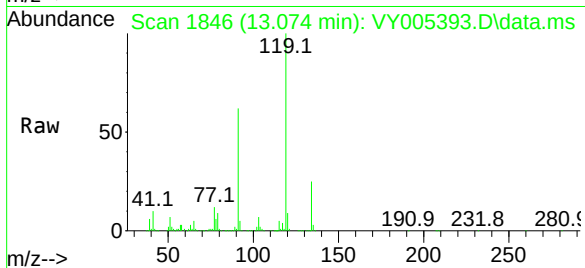




#83  
tert-Butylbenzene  
Concen: 21.210 ug/l  
RT: 13.074 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

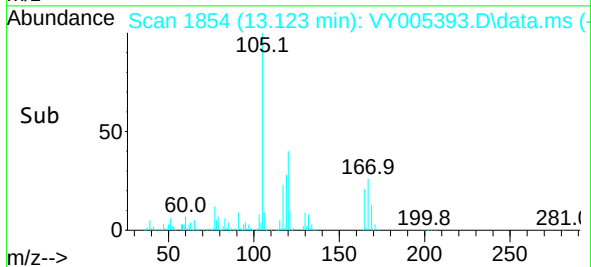
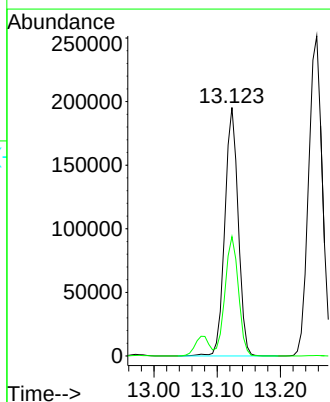
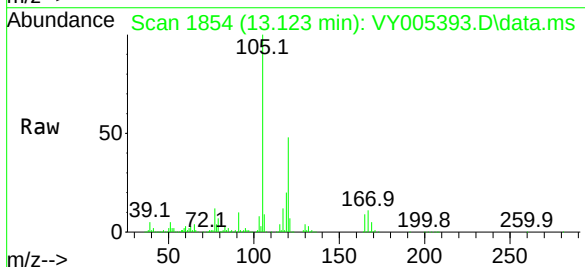
Instrument :  
MSVOA\_Y  
ClientSampleId :

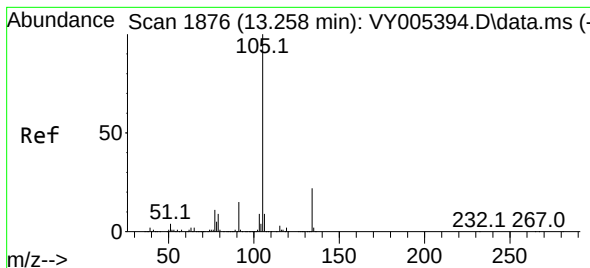
Tgt Ion:119 Resp: 262567  
Ion Ratio Lower Upper  
119 100  
91 59.6 31.1 93.2  
134 26.3 13.8 41.4



#84  
1,2,4-Trimethylbenzene  
Concen: 20.552 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion:105 Resp: 285932  
Ion Ratio Lower Upper  
105 100  
120 48.2 23.6 71.0

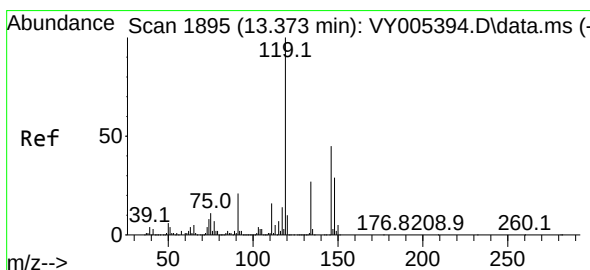
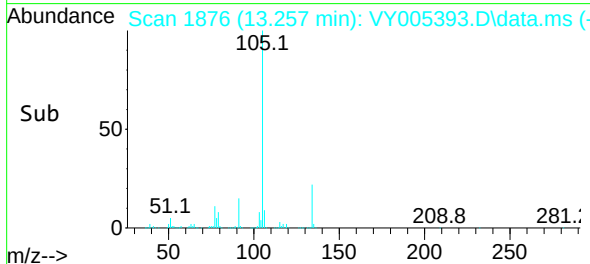
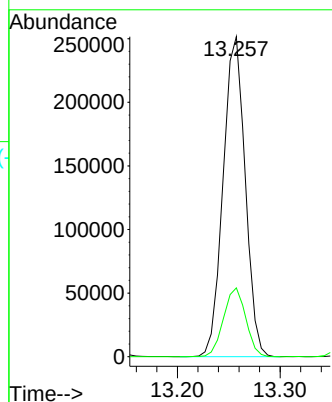
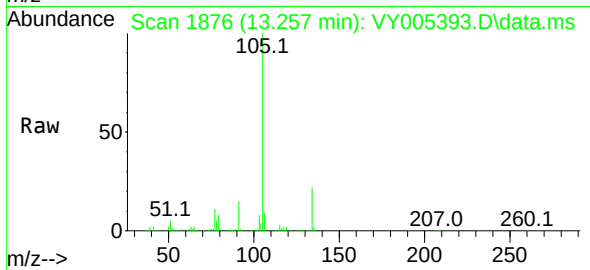




#85  
 sec-Butylbenzene  
 Concen: 20.746 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. -0.000 min  
 Lab File: VY005393.D  
 Acq: 09 Jul 2021 11:35

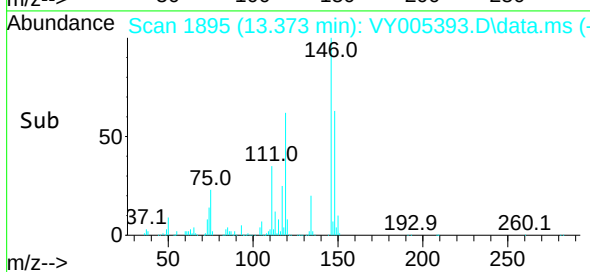
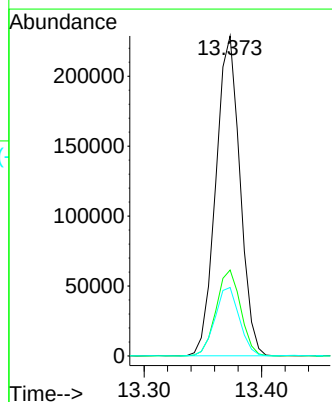
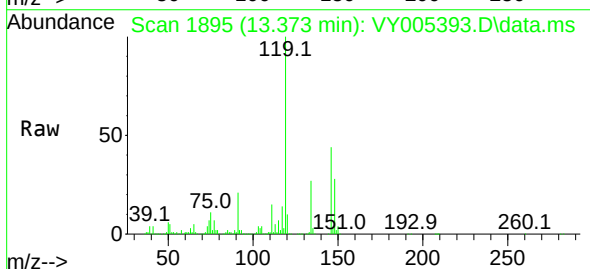
Instrument :  
 MSVOA\_Y  
 ClientSampled :

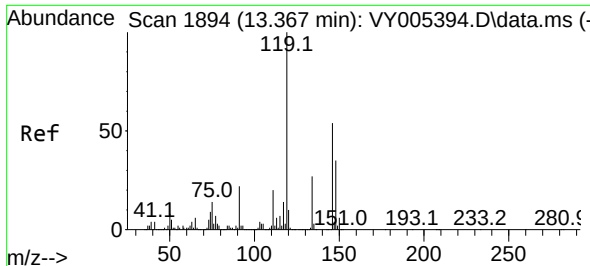
Tgt Ion:105 Resp: 375268  
 Ion Ratio Lower Upper  
 105 100  
 134 21.6 10.9 32.6



#86  
 p-Isopropyltoluene  
 Concen: 20.754 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. -0.000 min  
 Lab File: VY005393.D  
 Acq: 09 Jul 2021 11:35

Tgt Ion:119 Resp: 325962  
 Ion Ratio Lower Upper  
 119 100  
 134 27.3 13.6 40.8  
 91 21.8 10.9 32.6

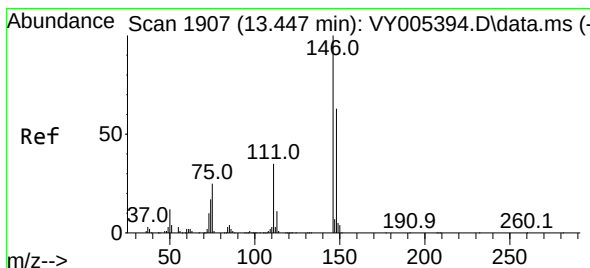
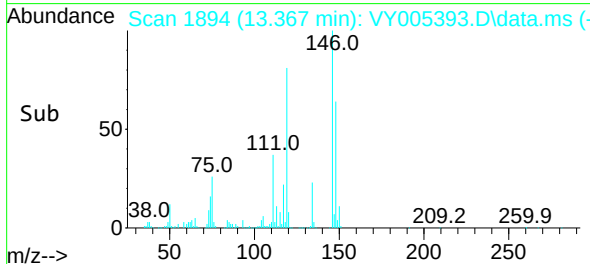
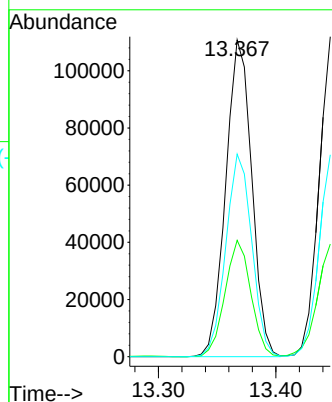
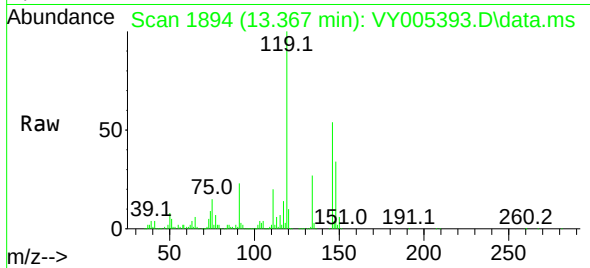




#87  
1,3-Dichlorobenzene  
Concen: 20.417 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

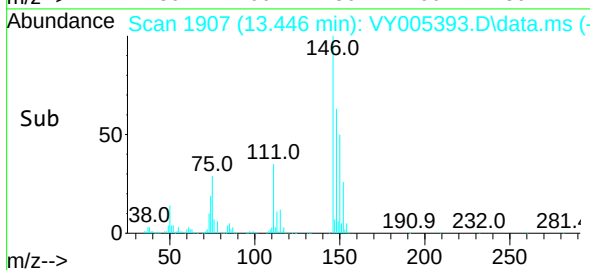
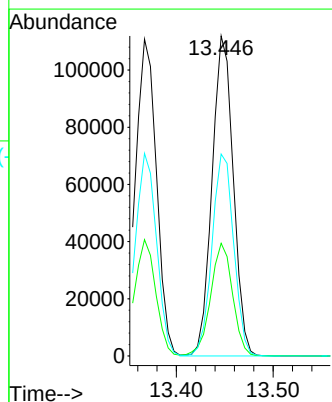
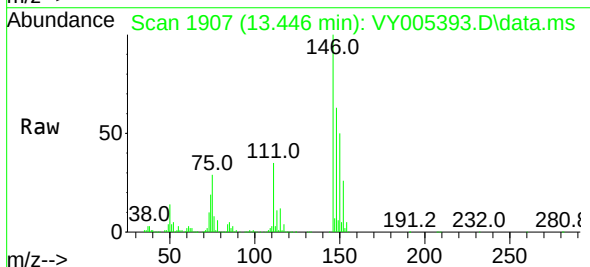
Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:146 Resp: 170454  
Ion Ratio Lower Upper  
146 100  
111 36.5 18.4 55.0  
148 64.0 32.0 96.0

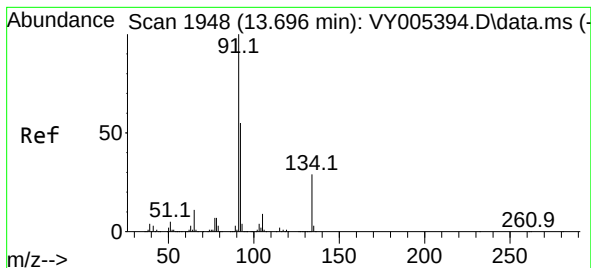


#88  
1,4-Dichlorobenzene  
Concen: 20.642 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion:146 Resp: 170348  
Ion Ratio Lower Upper  
146 100  
111 36.2 17.9 53.8  
148 64.6 32.1 96.5



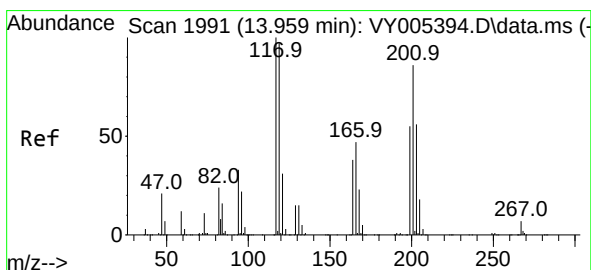
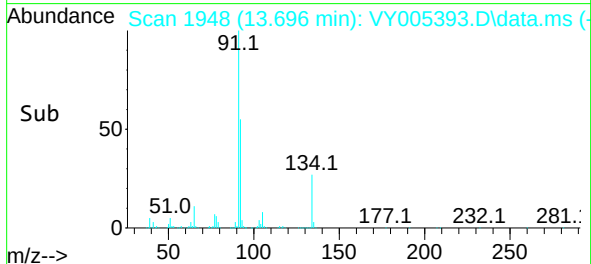
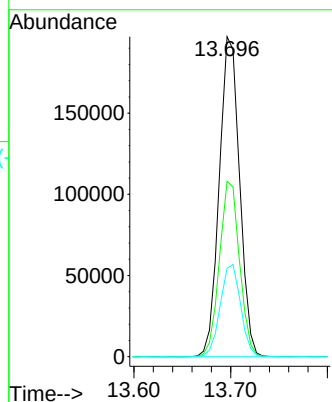
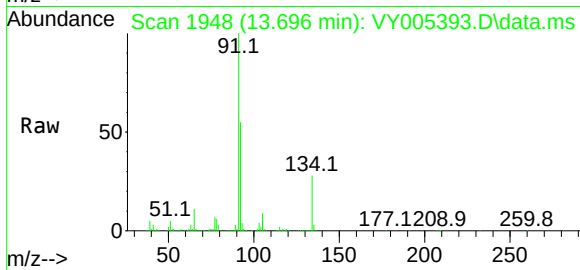




#89  
n-Butylbenzene  
Concen: 20.613 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

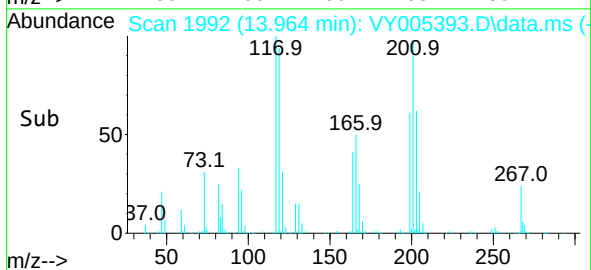
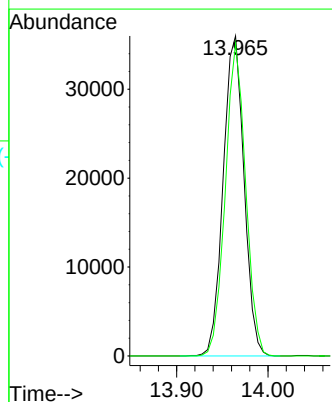
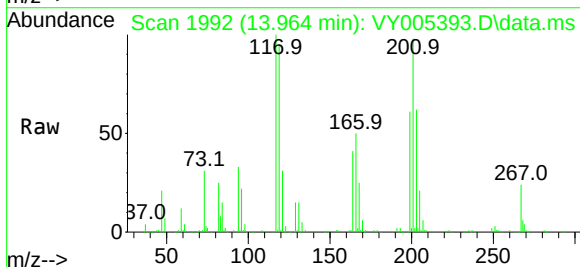
Instrument :  
MSVOA\_Y  
ClientSampleId :

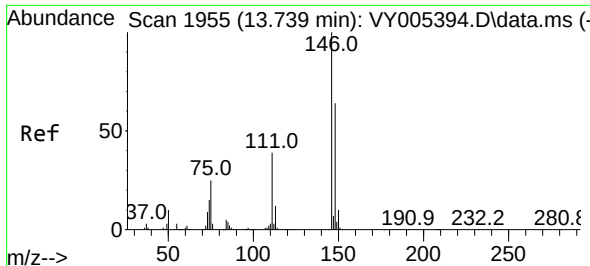
Tgt Ion: 91 Resp: 286937  
Ion Ratio Lower Upper  
91 100  
92 54.3 27.2 81.5  
134 28.9 14.5 43.5



#90  
Hexachloroethane  
Concen: 20.293 ug/l  
RT: 13.964 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 117 Resp: 57058  
Ion Ratio Lower Upper  
117 100  
201 95.1 47.6 142.9

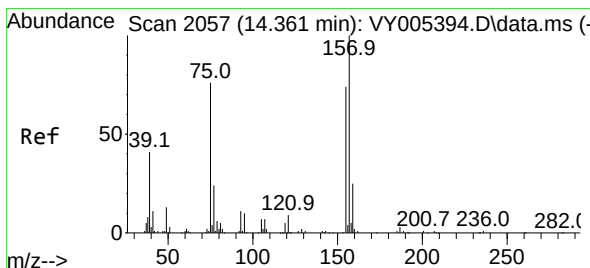
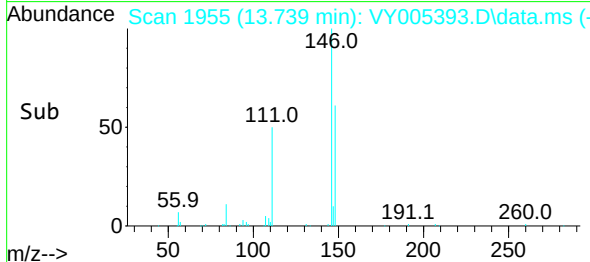
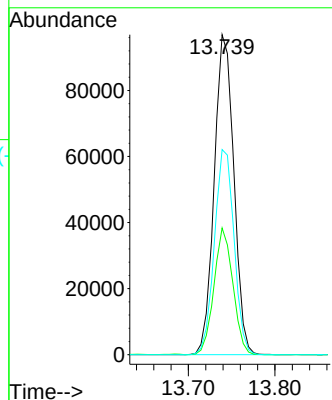
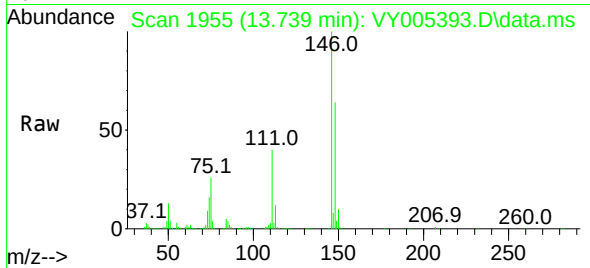




#91  
1,2-Dichlorobenzene  
Concen: 20.635 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

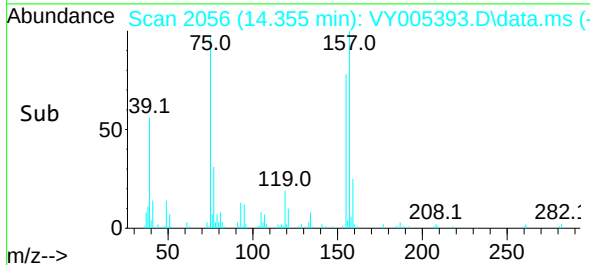
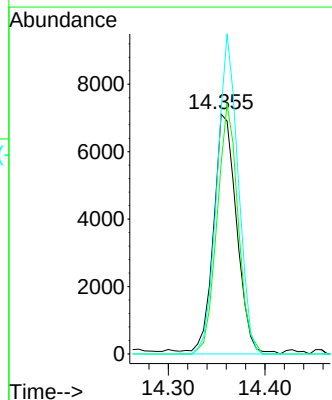
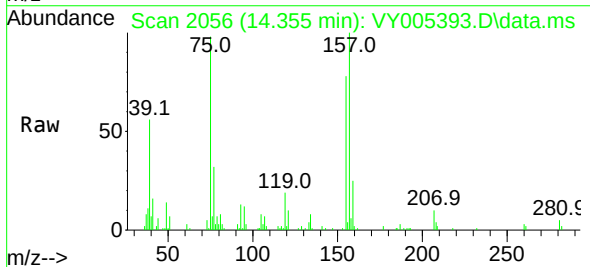
Instrument :  
MSVOA\_Y  
ClientSampled :

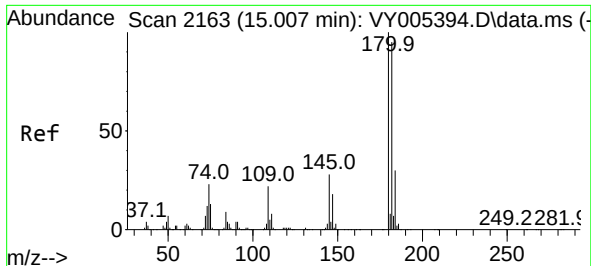
Tgt Ion:146 Resp: 152289  
Ion Ratio Lower Upper  
146 100  
111 38.2 19.0 57.0  
148 64.4 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.150 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion: 75 Resp: 11806  
Ion Ratio Lower Upper  
75 100  
155 94.4 48.1 144.3  
157 121.2 61.8 185.4

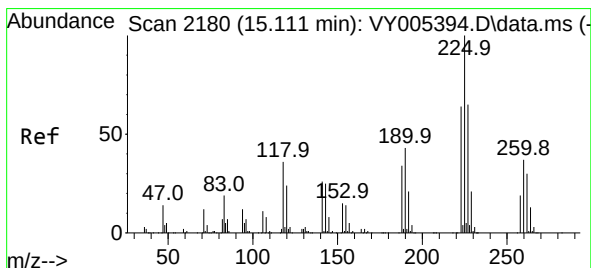
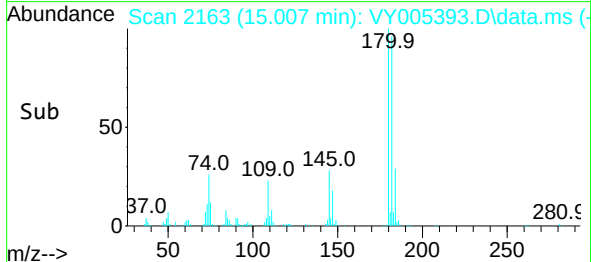
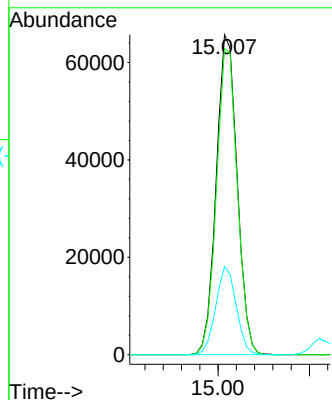
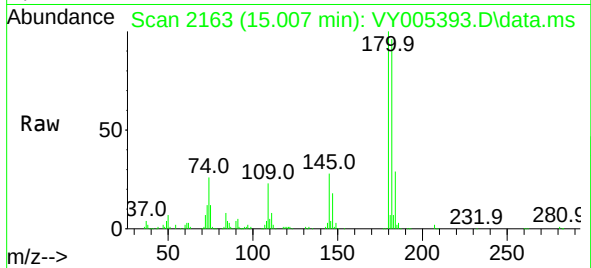




#93  
1,2,4-Trichlorobenzene  
Concen: 20.595 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

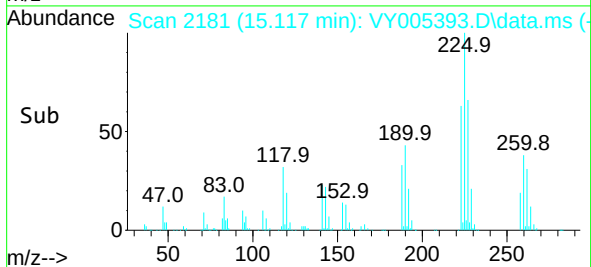
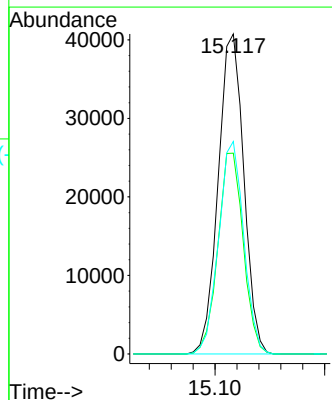
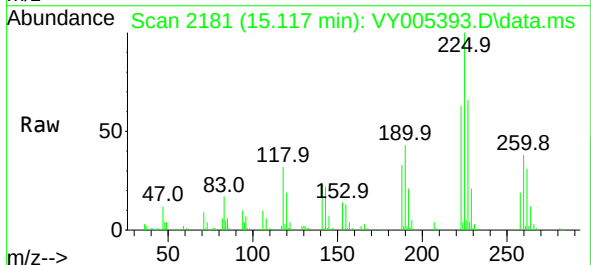
Instrument :  
MSVOA\_Y  
ClientSampleId :

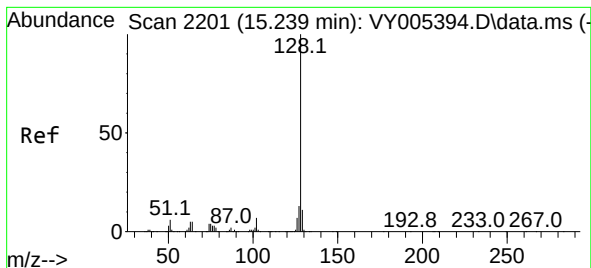
Tgt Ion:180 Resp: 104264  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.9 143.7  
145 27.0 13.9 41.7



#94  
Hexachlorobutadiene  
Concen: 20.891 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. 0.006 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion:225 Resp: 66061  
Ion Ratio Lower Upper  
225 100  
223 62.3 31.4 94.2  
227 65.2 32.4 97.2

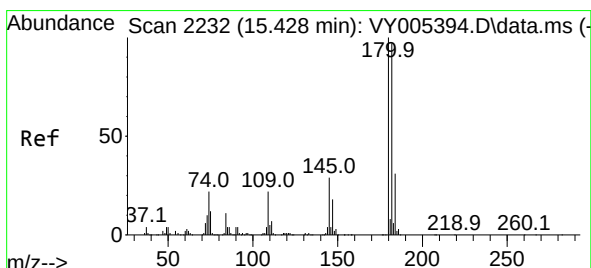
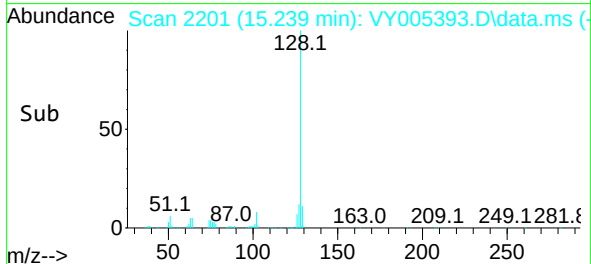
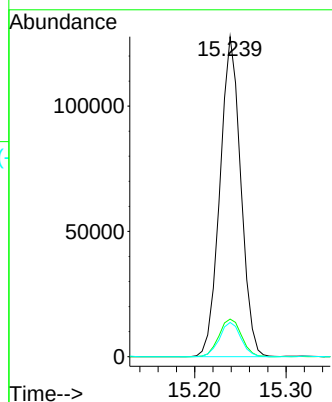
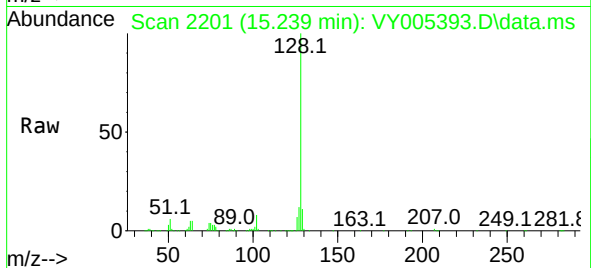




#95  
Naphthalene  
Concen: 20.279 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:128 Resp: 202507  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.4 15.6  
129 11.0 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 20.447 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY005393.D  
Acq: 09 Jul 2021 11:35

Tgt Ion:180 Resp: 91450  
Ion Ratio Lower Upper  
180 100  
182 93.7 47.9 143.7  
145 28.8 14.6 44.0

