

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070921\  
 Data File : VY005404.D  
 Acq On : 09 Jul 2021 17:34  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 10 08:07:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070921S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 10 07:49:54 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 322574   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 475405   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 436455   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 231878   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 147528   | 48.817   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 97.640% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 137279   | 49.203   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 98.400% |
| 50) Toluene-d8              | 10.185 | 98    | 561777   | 47.304   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 94.600% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 192402   | 48.059   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 96.120% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 136165  | 47.379  | ug/l   | 99  |
| 3) Chloromethane             | 2.113 | 50  | 142844  | 48.851  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.253 | 62  | 175233  | 48.450  | ug/l   | 99  |
| 5) Bromomethane              | 2.650 | 94  | 127049  | 47.210  | ug/l   | 99  |
| 6) Chloroethane              | 2.796 | 64  | 109894  | 48.442  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 256366  | 48.139  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.534 | 74  | 93732   | 50.749  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 3.906 | 101 | 144338  | 48.200  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.095 | 142 | 194433  | 53.351  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.972 | 59  | 80307   | 200.132 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 151329  | 49.209  | ug/l   | 98  |
| 13) Acrolein                 | 3.735 | 56  | 62105   | 274.385 | ug/l   | 99  |
| 14) Allyl chloride           | 4.485 | 41  | 220844  | 51.623  | ug/l   | 100 |
| 15) Acrylonitrile            | 5.174 | 53  | 213301  | 253.762 | ug/l   | 99  |
| 16) Acetone                  | 3.954 | 43  | 158079  | 244.303 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.198 | 76  | 475491  | 49.533  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.485 | 43  | 91128   | 50.817  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.229 | 73  | 434757  | 52.236  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.723 | 84  | 202340  | 57.177  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 170173  | 49.656  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.131 | 45  | 444445  | 52.149  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.070 | 43  | 1482795 | 262.948 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.027 | 63  | 278860  | 51.839  | ug/l   | 99  |
| 25) 2-Butanone               | 6.996 | 43  | 256232  | 251.309 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 6.990 | 77  | 240779  | 48.232  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 192270  | 50.657  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.338 | 49  | 107822  | 53.400  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.356 | 42  | 173076  | 255.902 | ug/l   | 98  |
| 30) Chloroform               | 7.515 | 83  | 292578  | 50.742  | ug/l   | 99  |
| 31) Cyclohexane              | 7.789 | 56  | 257550  | 48.087  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 7.710 | 97  | 267405  | 50.092  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 225212  | 48.525  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.082 | 43  | 115570  | 49.524  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 249215  | 48.030  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.185 | 83  | 295592  | 48.399  | ug/l   | 98  |
| 40) Benzene                  | 8.167 | 78  | 677811  | 49.827  | ug/l   | 100 |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 10 08:07:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070921S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 10 07:49:54 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.356  | 41   | 160961   | 120.931 | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 195779   | 49.833  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 218574   | 51.062  | ug/l   | 100      |
| 44) Trichloroethene           | 8.941  | 130  | 193172   | 48.252  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 157180   | 49.458  | ug/l   | 97       |
| 46) Dibromomethane            | 9.307  | 93   | 92730    | 49.798  | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.502  | 83   | 225445   | 49.995  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.295  | 41   | 102408   | 51.750  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 29693    | 995.213 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 595705   | 251.835 | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 440202   | 49.164  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 248067   | 49.263  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 275665   | 49.664  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 136384   | 49.357  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 197597   | 51.449  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 234275   | 50.221  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 370574   | 225.684 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 417804   | 252.895 | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.990 | 129  | 172047   | 49.833  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 132259   | 49.745  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 179701   | 45.529  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 478592   | 49.273  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 178810   | 49.502  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.593 | 91   | 841273   | 49.423  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 671704   | 98.634  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 324696   | 50.124  | ug/l   | 100      |
| 70) Styrene                   | 12.044 | 104  | 555401   | 50.589  | ug/l   | 100      |
| 71) Bromoform                 | 12.209 | 173  | 119897   | 50.209  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 830393   | 49.210  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 205093   | 51.292  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 157808   | 50.392  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 212620   | 94.810  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 213196   | 50.078  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 983795   | 49.533  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 554059   | 49.643  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 699276   | 49.676  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 57999    | 48.080  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 569155   | 49.062  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 621434   | 49.656  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 700323   | 49.791  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.258 | 105  | 901364   | 49.291  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 788652   | 49.670  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 412681   | 48.895  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 408480   | 48.963  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.696 | 91   | 692294   | 49.194  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 138529   | 48.735  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 366686   | 49.148  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 28377    | 47.908  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 248878   | 48.627  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 156829   | 49.058  | ug/l   | 100      |
| 95) Naphthalene               | 15.239 | 128  | 500832   | 49.610  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 219811   | 48.615  | ug/l   | 100      |

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Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jul 10 08:07:04 2021  
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Quant Title : SW846 8260  
QLast Update : Sat Jul 10 07:49:54 2021  
Response via : Initial Calibration

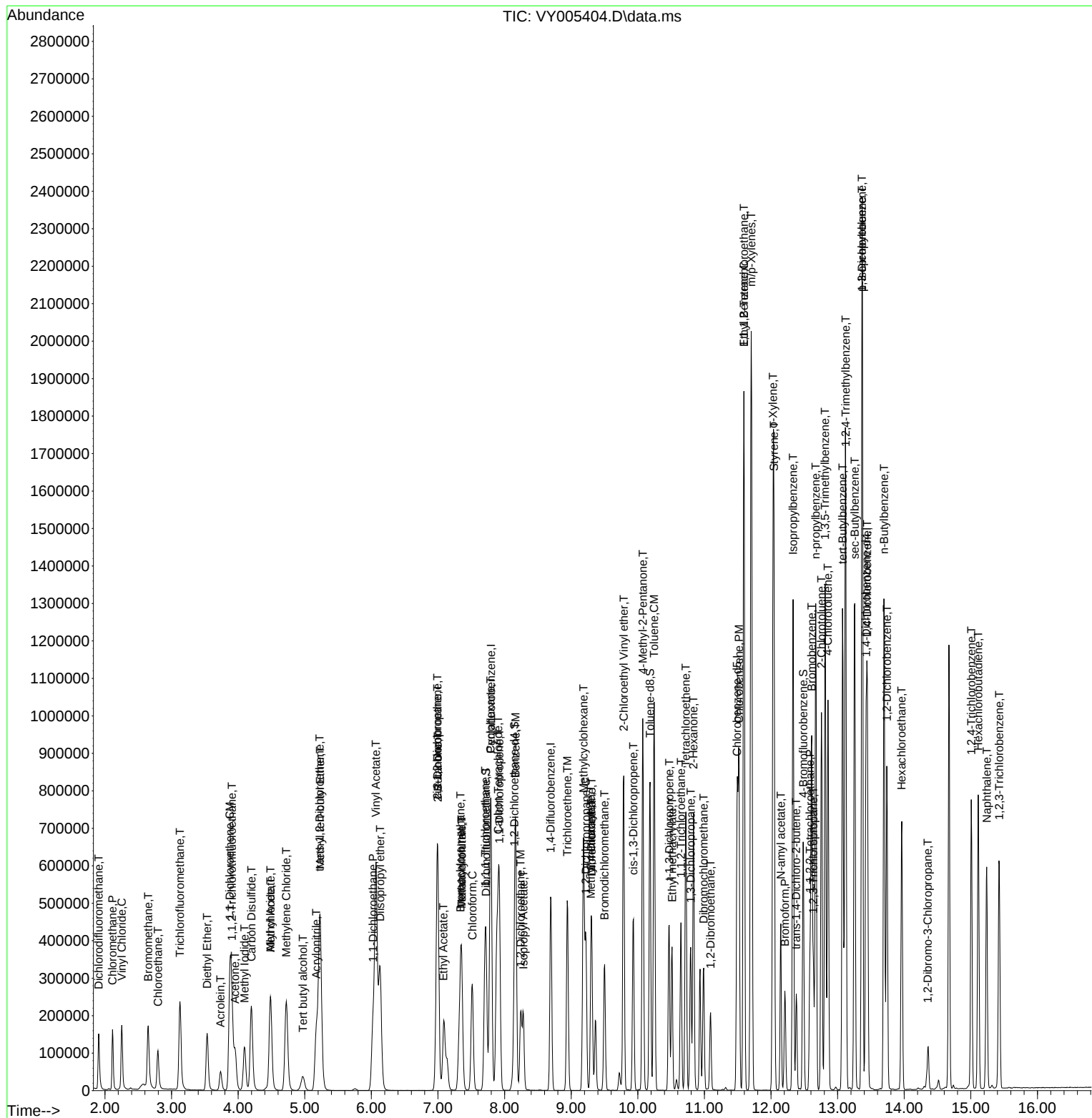
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

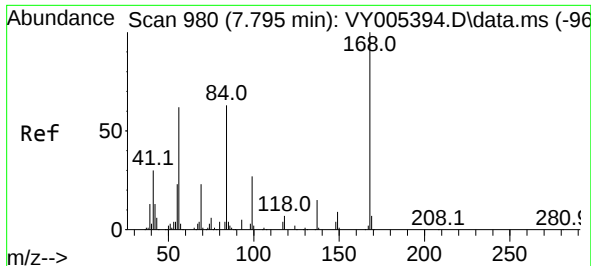
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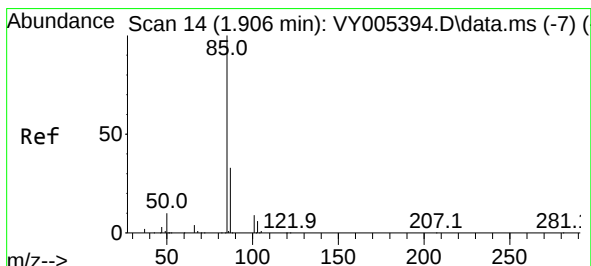
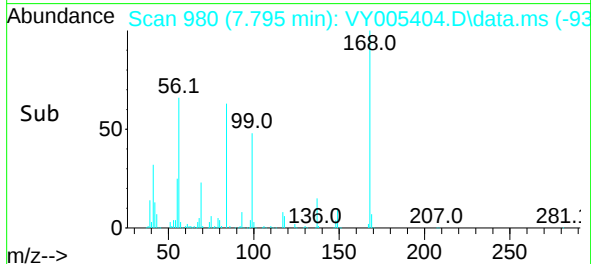
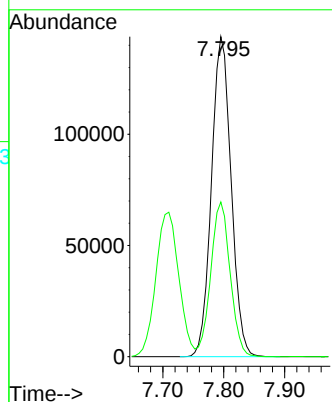
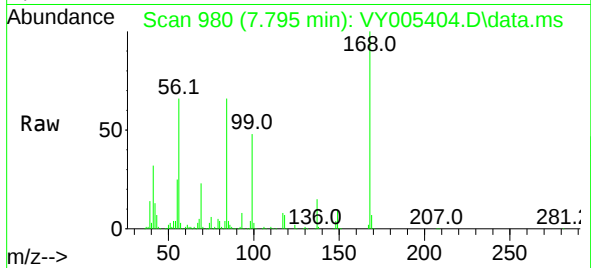




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

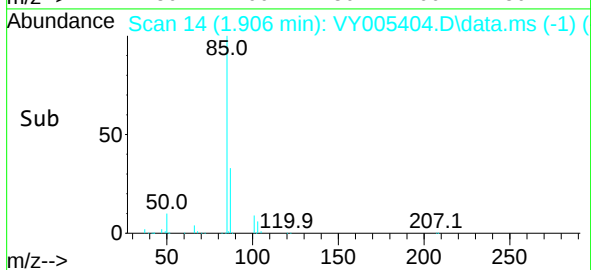
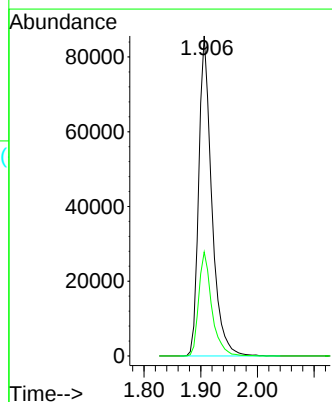
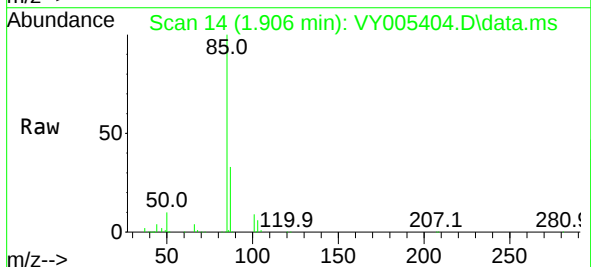
Instrument :  
MSVOA\_Y  
ClientSampleId :

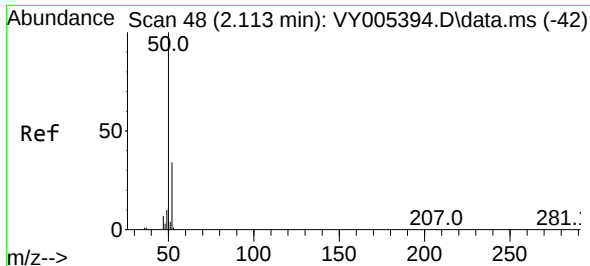
Tgt Ion:168 Resp: 322574  
Ion Ratio Lower Upper  
168 100  
99 48.4 37.4 56.2



#2  
Dichlorodifluoromethane  
Concen: 47.379 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 85 Resp: 136165  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.5 49.5

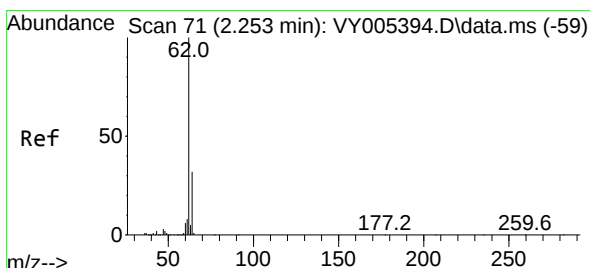
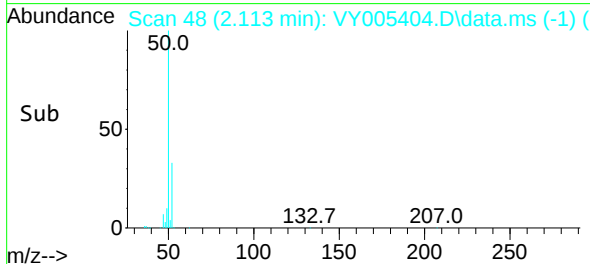
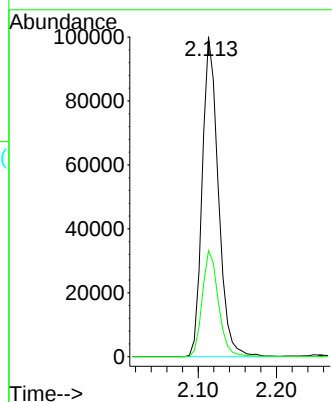
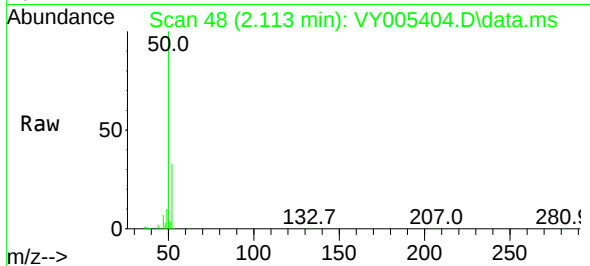




#3  
Chloromethane  
Concen: 48.851 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

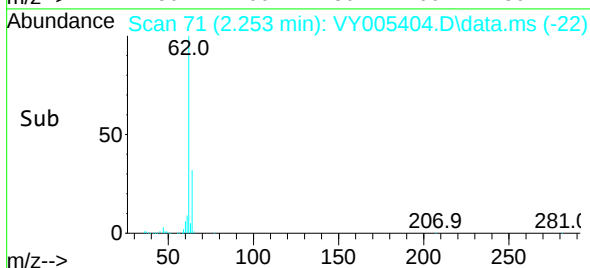
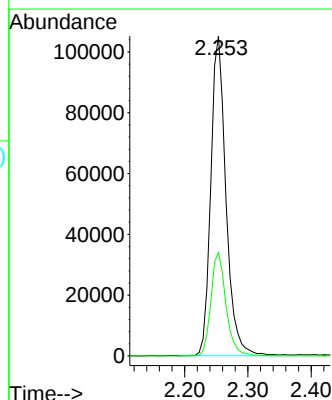
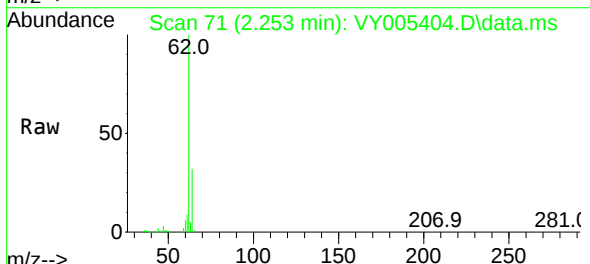
Instrument :  
MSVOA\_Y  
ClientSampled :

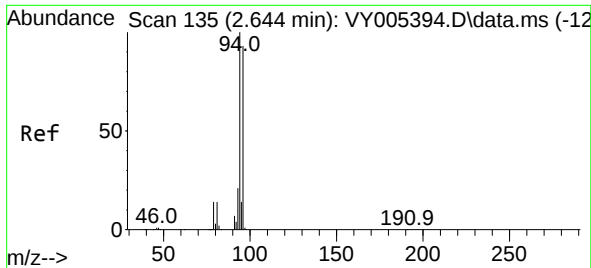
Tgt Ion: 50 Resp: 142844  
Ion Ratio Lower Upper  
50 100  
52 33.2 26.8 40.2



#4  
Vinyl Chloride  
Concen: 48.450 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 62 Resp: 175233  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.4 38.2

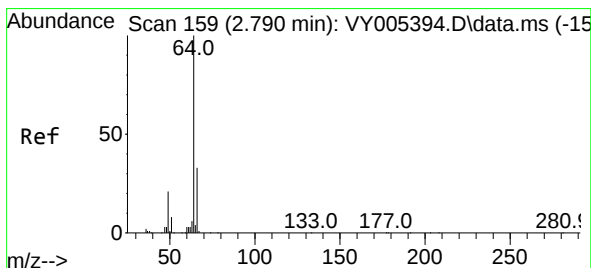
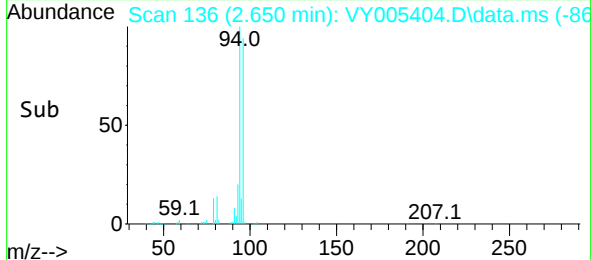
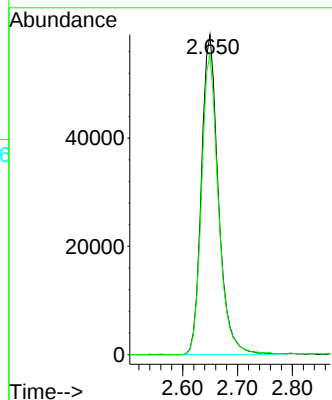
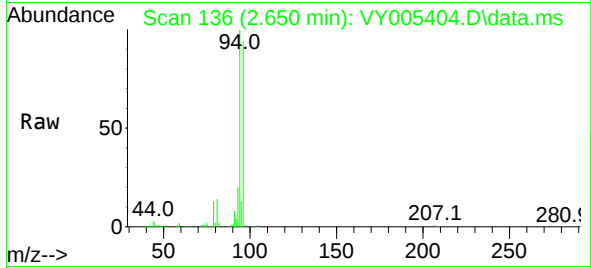




#5  
Bromomethane  
Concen: 47.210 ug/l  
RT: 2.650 min Scan# 136  
Delta R.T. 0.006 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

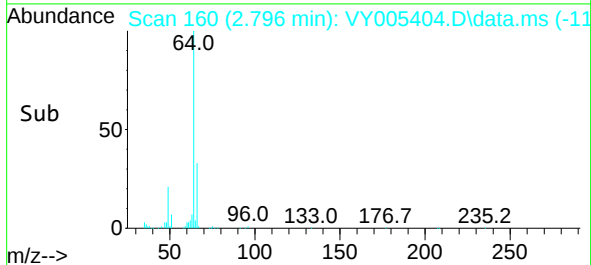
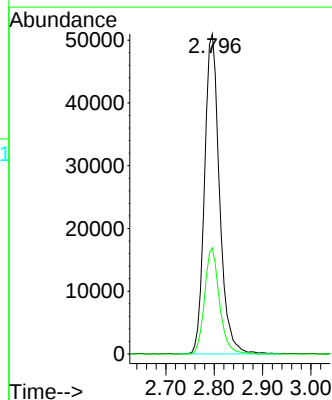
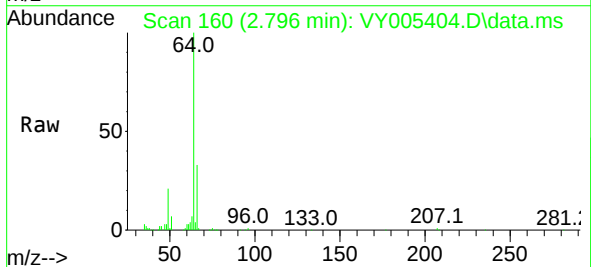
Instrument :  
MSVOA\_Y  
ClientSampled :

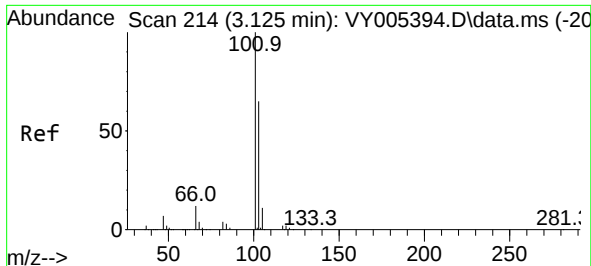
Tgt Ion: 94 Resp: 127049  
Ion Ratio Lower Upper  
94 100  
96 93.6 74.5 111.7



#6  
Chloroethane  
Concen: 48.442 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. 0.006 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 64 Resp: 109894  
Ion Ratio Lower Upper  
64 100  
66 33.2 26.5 39.7

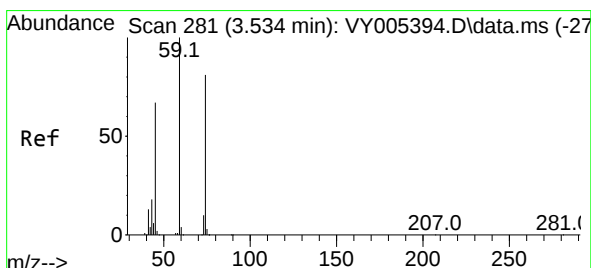
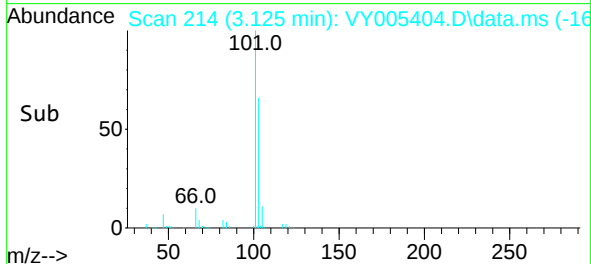
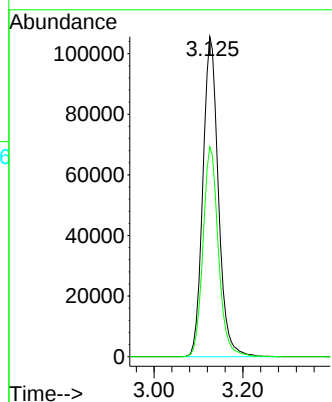
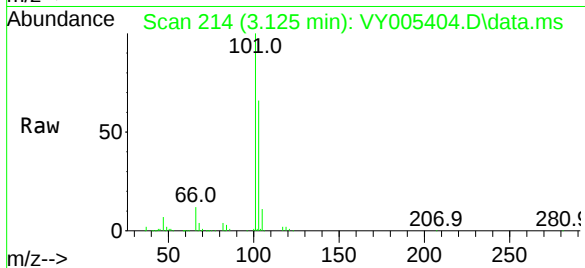




#7  
Trichlorofluoromethane  
Concen: 48.139 ug/l  
RT: 3.125 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

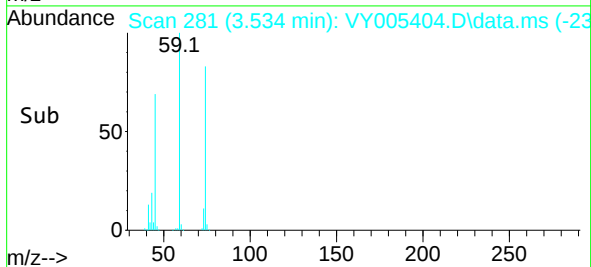
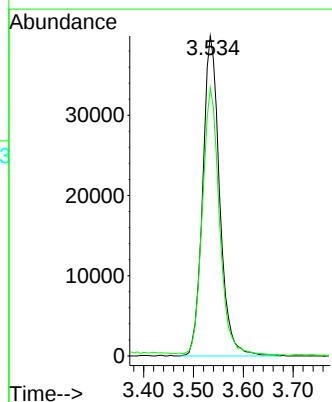
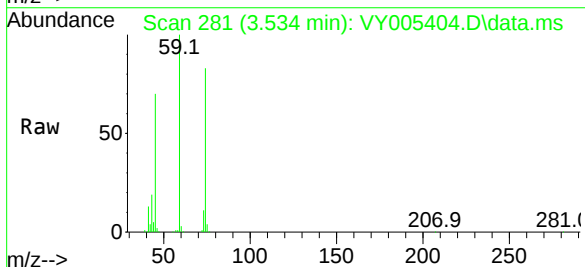
Instrument :  
MSVOA\_Y  
ClientSampled :

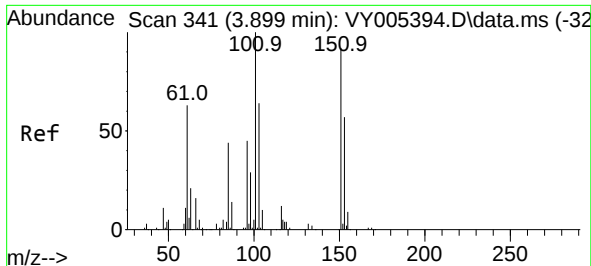
Tgt Ion:101 Resp: 256366  
Ion Ratio Lower Upper  
101 100  
103 65.6 52.1 78.1



#8  
Diethyl Ether  
Concen: 50.749 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 74 Resp: 93732  
Ion Ratio Lower Upper  
74 100  
45 85.0 41.1 123.4

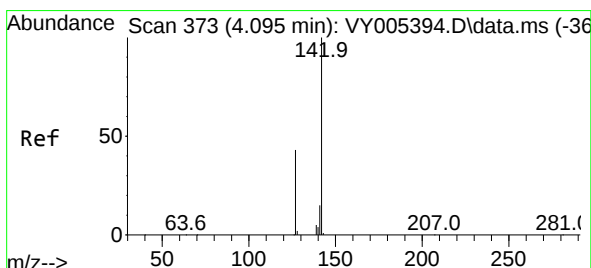
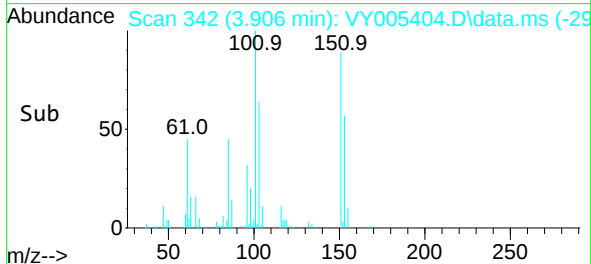
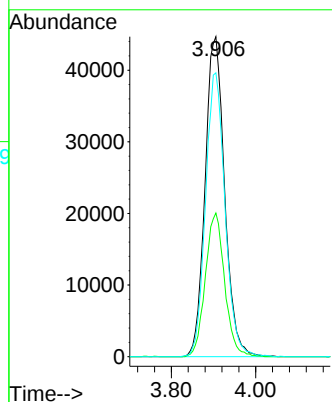
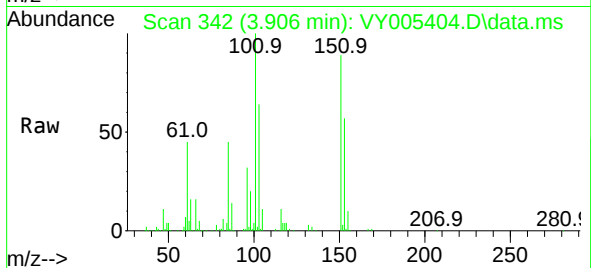




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.200 ug/l  
RT: 3.906 min Scan# 342  
Delta R.T. 0.006 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

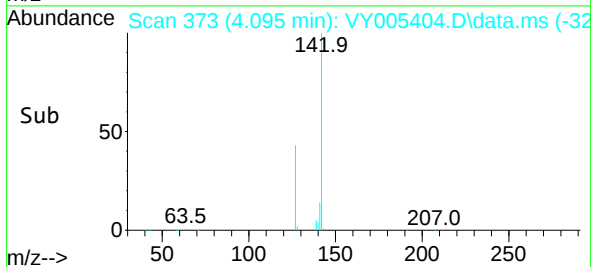
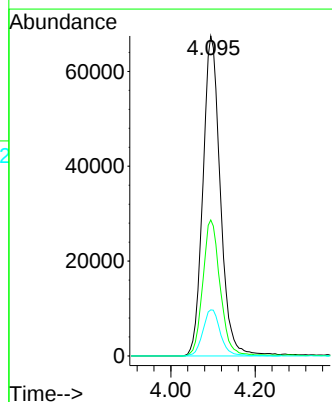
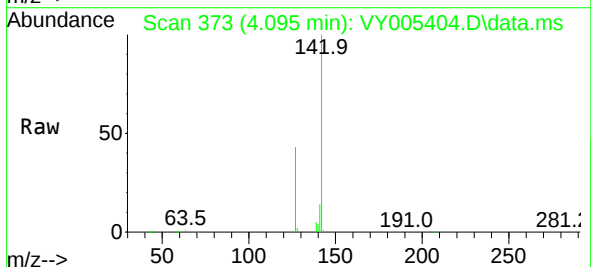
Instrument :  
MSVOA\_Y  
ClientSampled :

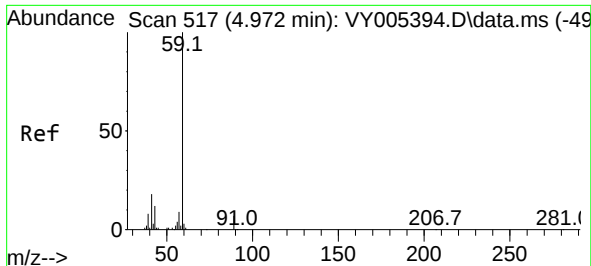
Tgt Ion:101 Resp: 144338  
Ion Ratio Lower Upper  
101 100  
85 44.3 34.4 51.6  
151 88.6 71.6 107.4



#10  
Methyl Iodide  
Concen: 53.351 ug/l  
RT: 4.095 min Scan# 373  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion:142 Resp: 194433  
Ion Ratio Lower Upper  
142 100  
127 42.2 34.3 51.5  
141 14.4 11.5 17.3

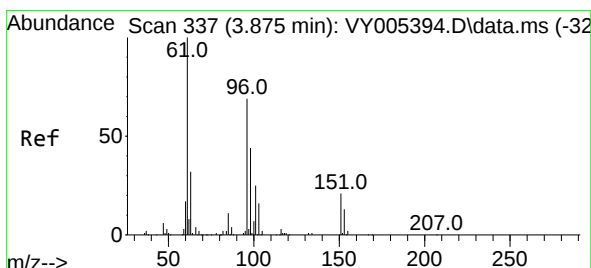
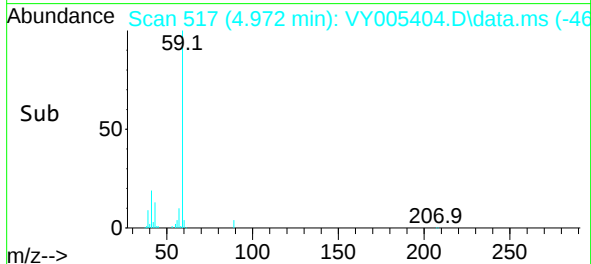
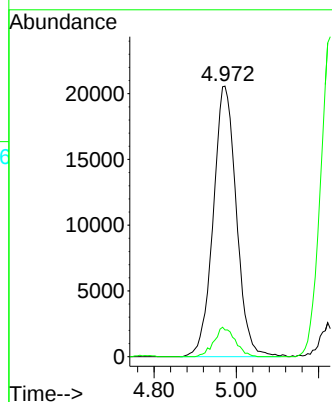
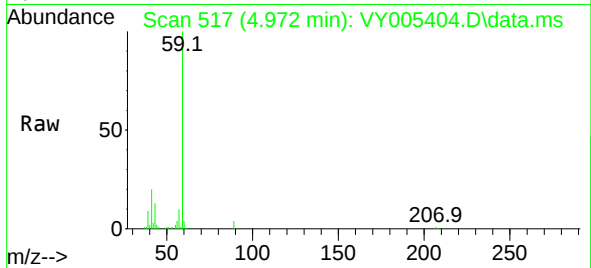




#11  
Tert butyl alcohol  
Concen: 200.132 ug/l  
RT: 4.972 min Scan# 517  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

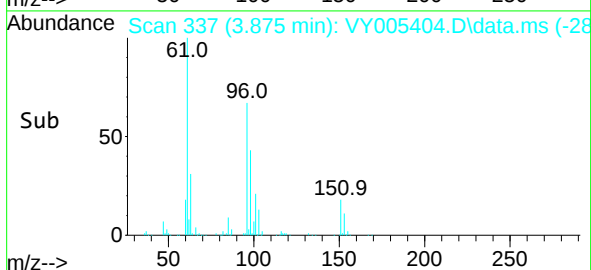
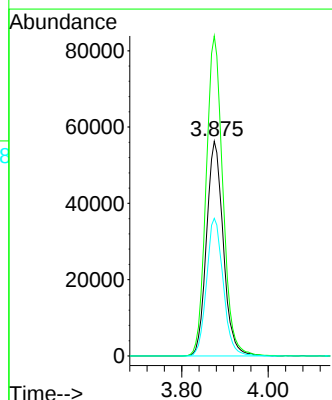
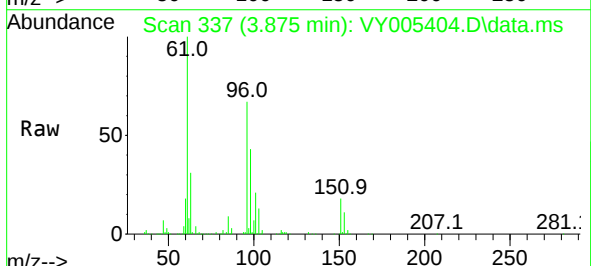
Instrument :  
MSVOA\_Y  
ClientSampled :

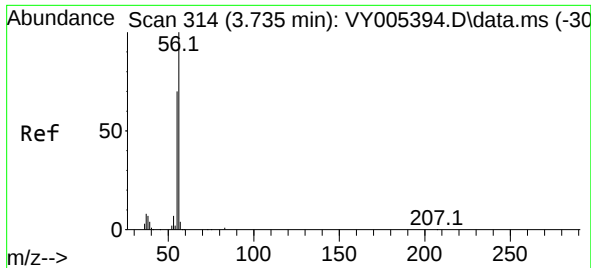
Tgt Ion: 59 Resp: 80307  
Ion Ratio Lower Upper  
59 100  
57 9.9 7.5 11.3



#12  
1,1-Dichloroethene  
Concen: 49.209 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 96 Resp: 151329  
Ion Ratio Lower Upper  
96 100  
61 149.0 116.6 174.8  
98 64.0 50.8 76.2

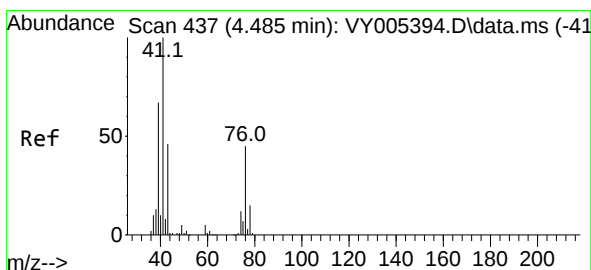
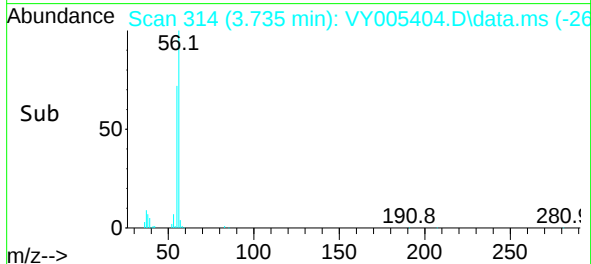
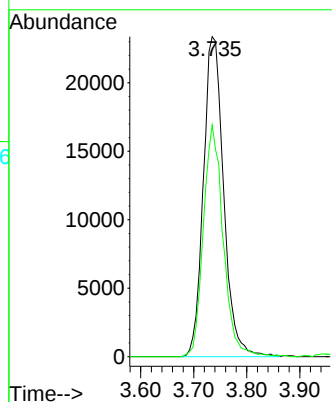
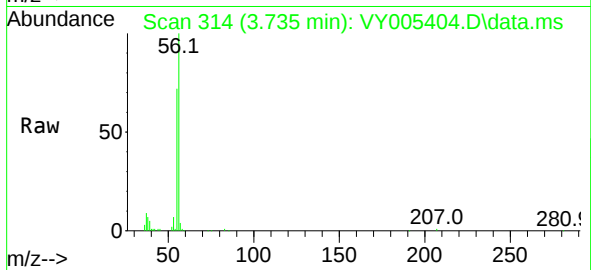




#13  
Acrolein  
Concen: 274.385 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

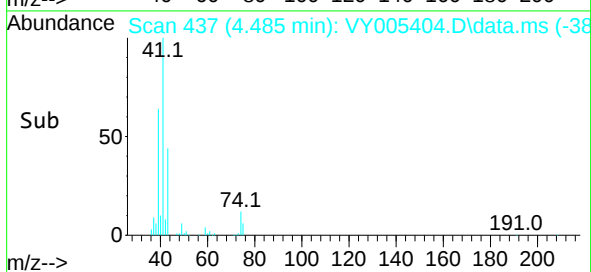
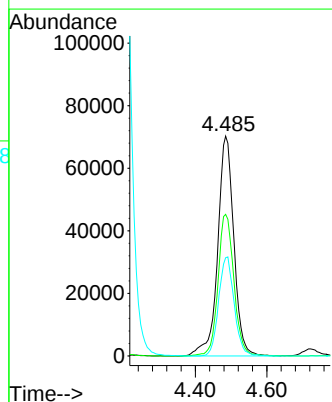
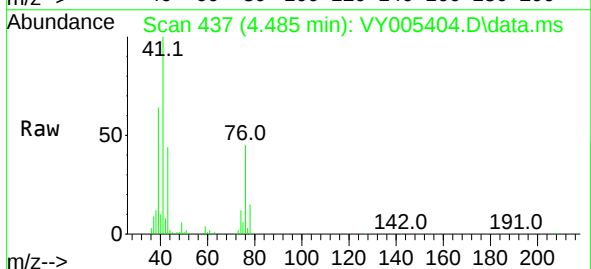
Instrument :  
MSVOA\_Y  
ClientSampled :

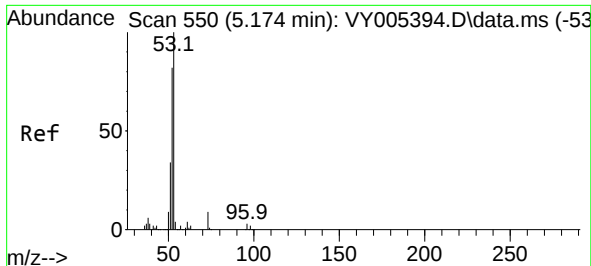
Tgt Ion: 56 Resp: 62105  
Ion Ratio Lower Upper  
56 100  
55 70.5 55.9 83.9



#14  
Allyl chloride  
Concen: 51.623 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 41 Resp: 220844  
Ion Ratio Lower Upper  
41 100  
39 63.4 50.8 76.2  
76 43.2 34.5 51.7

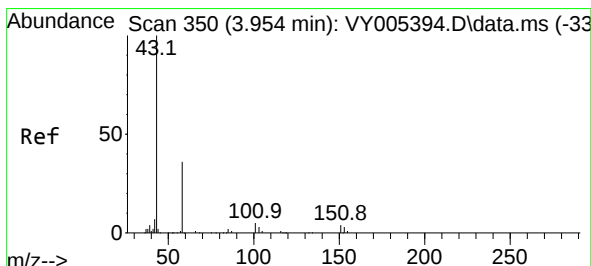
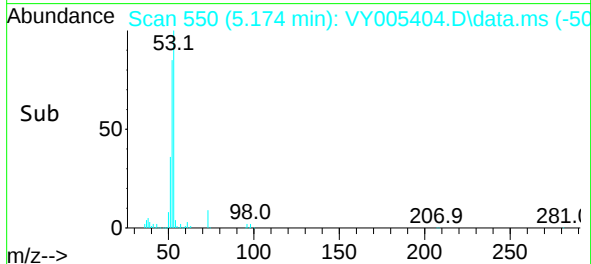
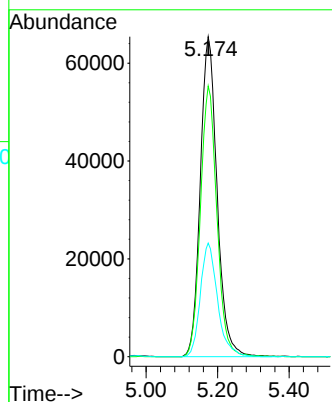
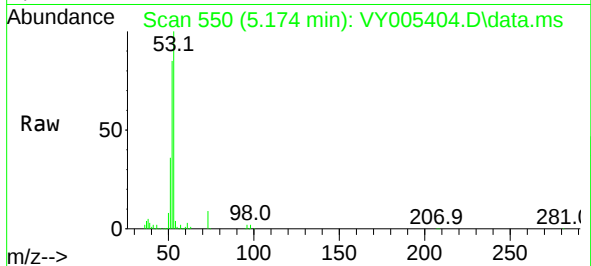




#15  
Acrylonitrile  
Concen: 253.762 ug/l  
RT: 5.174 min Scan# 550  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

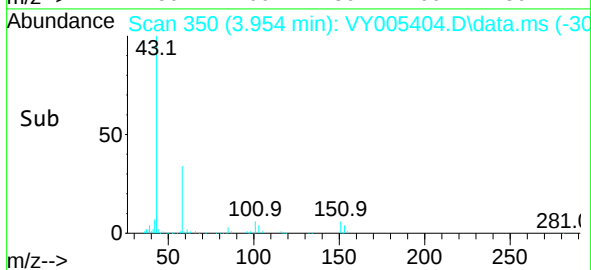
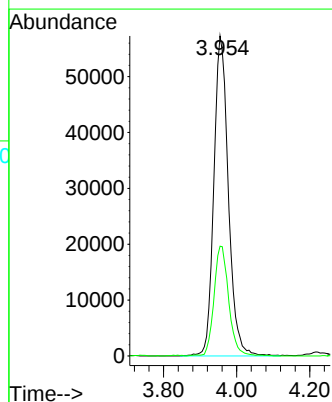
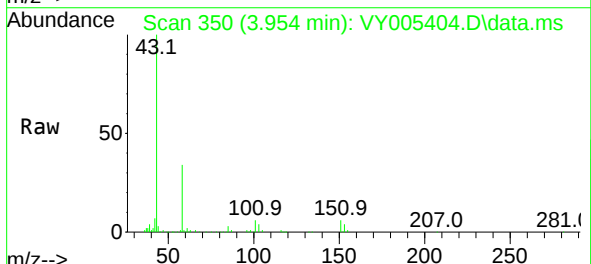
Instrument :  
MSVOA\_Y  
ClientSampleId :

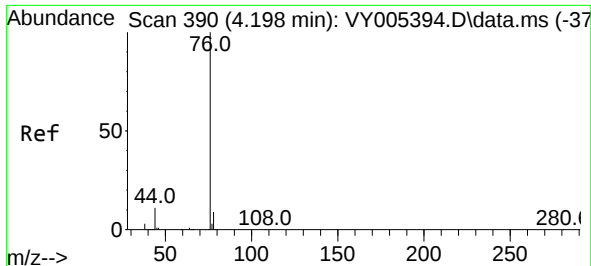
Tgt Ion: 53 Resp: 213301  
Ion Ratio Lower Upper  
53 100  
52 82.9 65.8 98.6  
51 36.4 28.8 43.2



#16  
Acetone  
Concen: 244.303 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 43 Resp: 158079  
Ion Ratio Lower Upper  
43 100  
58 34.3 28.9 43.3

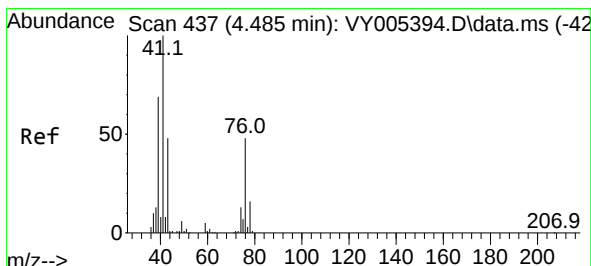
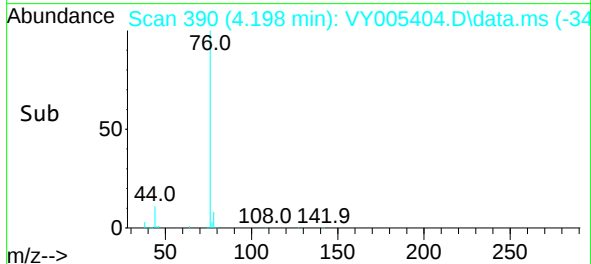
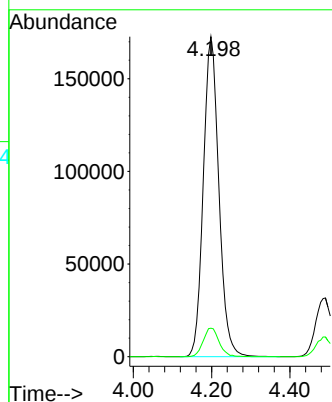
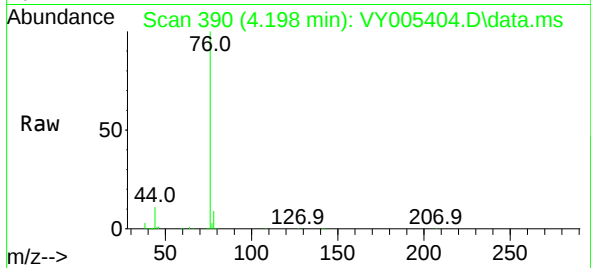




#17  
Carbon Disulfide  
Concen: 49.533 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

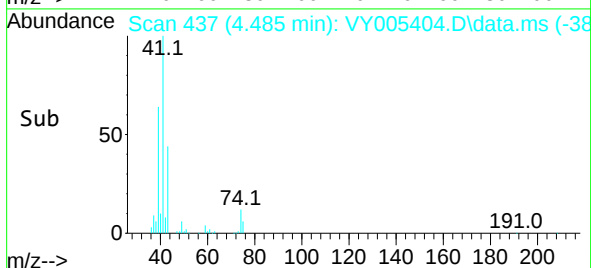
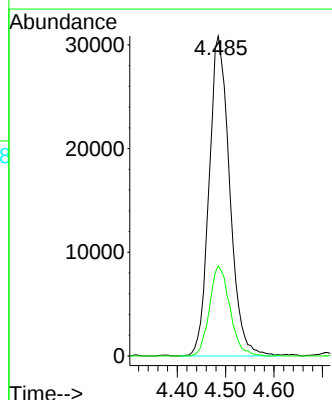
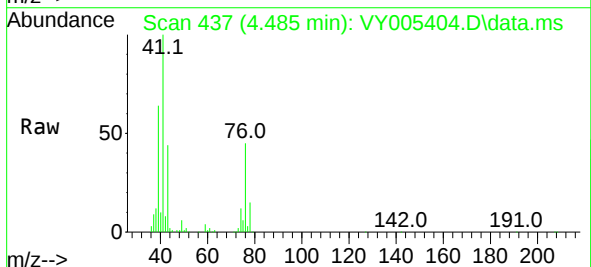
Instrument :  
MSVOA\_Y  
ClientSampled :

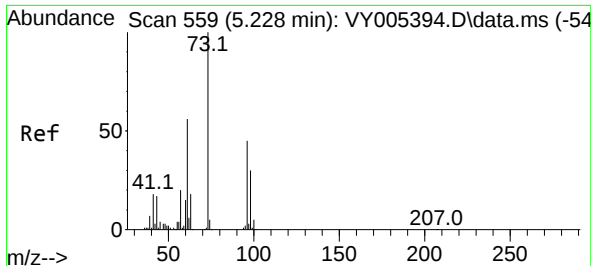
Tgt Ion: 76 Resp: 475491  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.3 10.9



#18  
Methyl Acetate  
Concen: 50.817 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 43 Resp: 91128  
Ion Ratio Lower Upper  
43 100  
74 27.9 23.0 34.4





#19

Methyl tert-butyl Ether

Concen: 52.236 ug/l

RT: 5.229 min Scan# 559

Delta R.T. 0.000 min

Lab File: VY005404.D

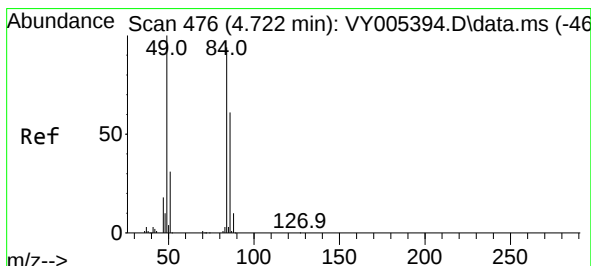
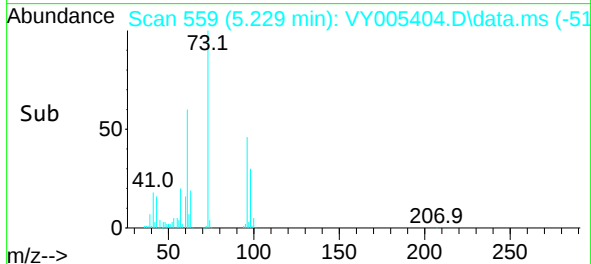
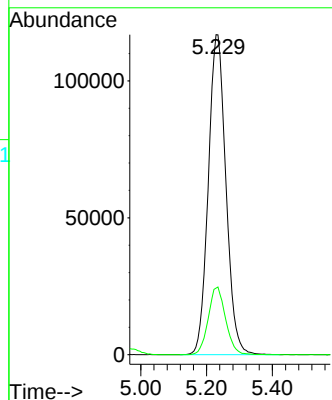
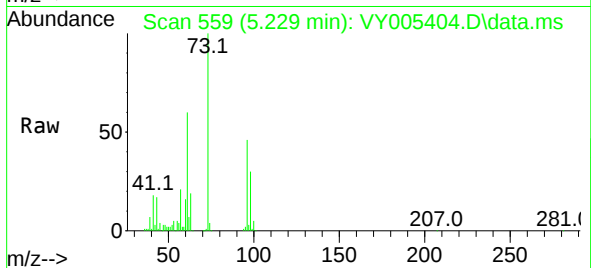
Acq: 09 Jul 2021 17:34

Tgt Ion: 73 Resp: 434757

Ion Ratio Lower Upper

73 100

57 20.8 16.2 24.2



#20

Methylene Chloride

Concen: 57.177 ug/l

RT: 4.723 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

Tgt Ion: 84 Resp: 202340

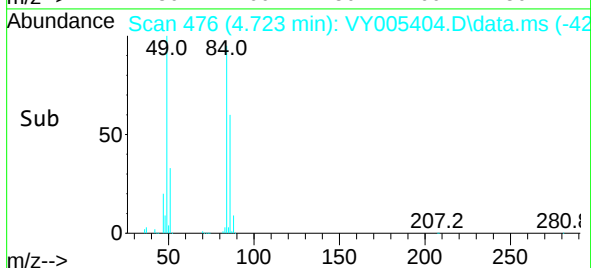
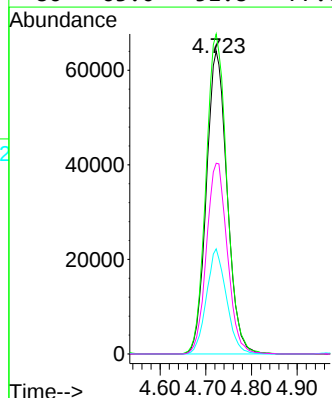
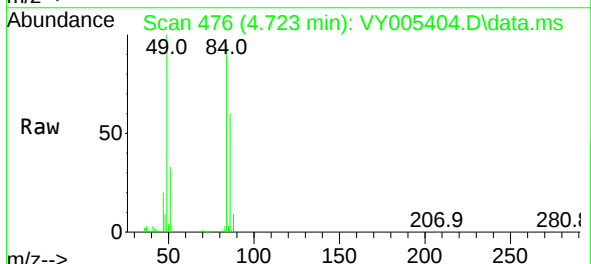
Ion Ratio Lower Upper

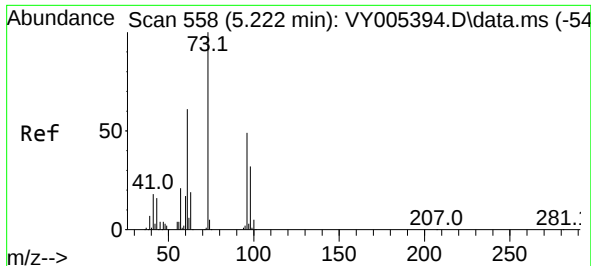
84 100

49 105.7 84.8 127.2

51 34.7 25.9 38.9

86 63.0 51.8 77.6

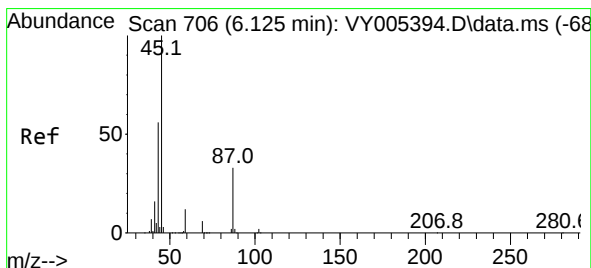
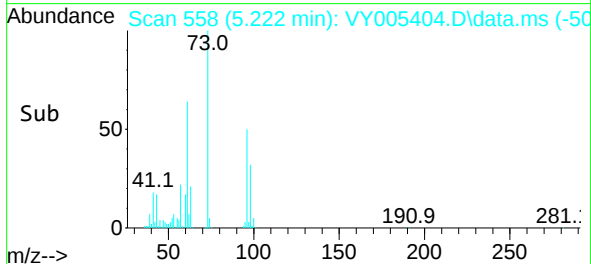
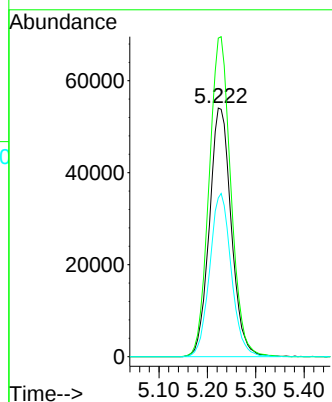
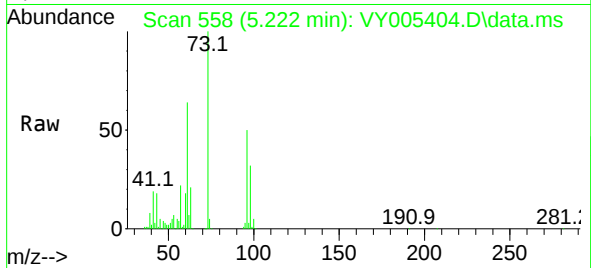




#21  
trans-1,2-Dichloroethene  
Concen: 49.656 ug/l  
RT: 5.222 min Scan# 558  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

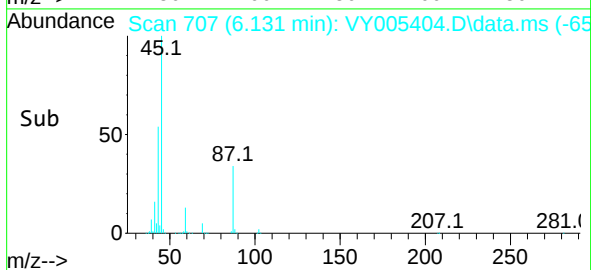
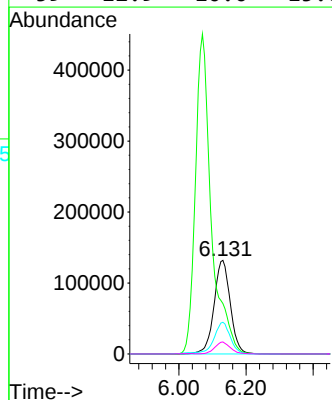
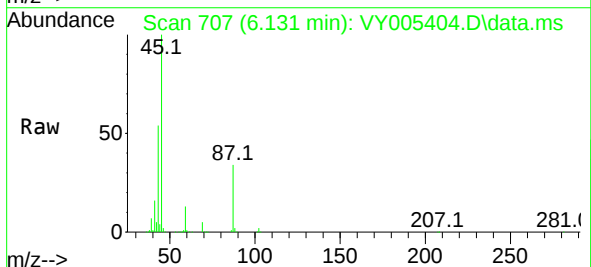
Instrument :  
MSVOA\_Y  
ClientSampled :

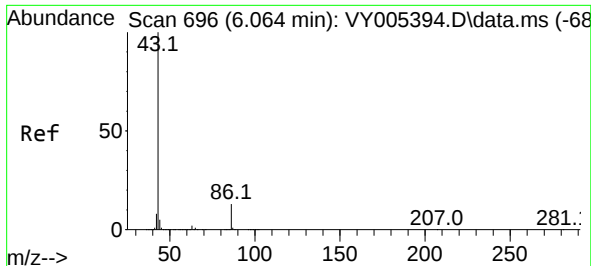
Tgt Ion: 96 Resp: 170173  
Ion Ratio Lower Upper  
96 100  
61 128.1 100.3 150.5  
98 63.8 52.2 78.2



#22  
Diisopropyl ether  
Concen: 52.149 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 45 Resp: 444445  
Ion Ratio Lower Upper  
45 100  
43 53.8 45.4 68.2  
87 33.8 26.9 40.3  
59 12.9 10.0 15.0

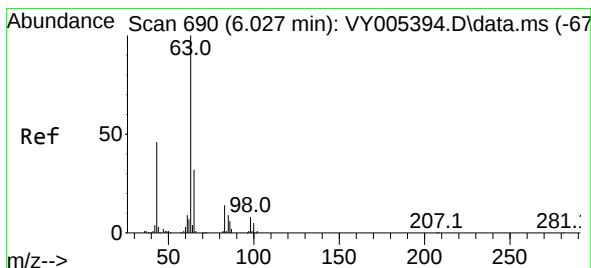
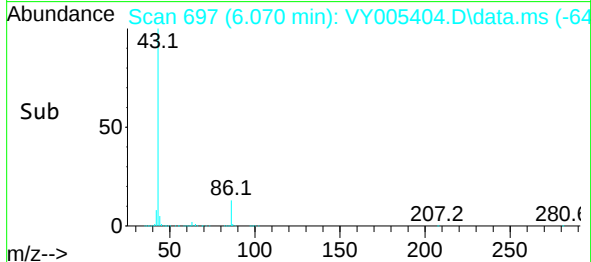
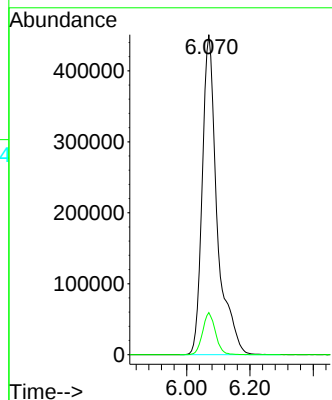
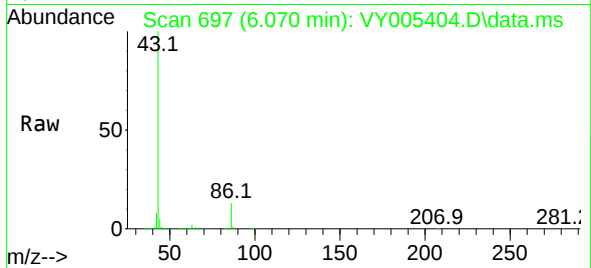




#23  
 Vinyl Acetate  
 Concen: 262.948 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. 0.006 min  
 Lab File: VY005404.D  
 Acq: 09 Jul 2021 17:34

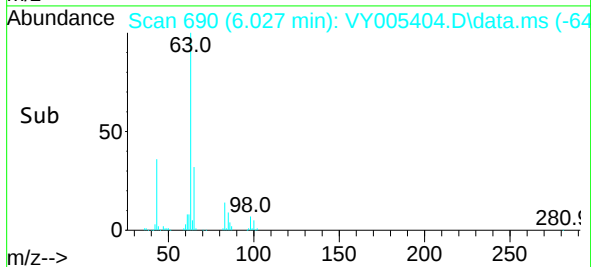
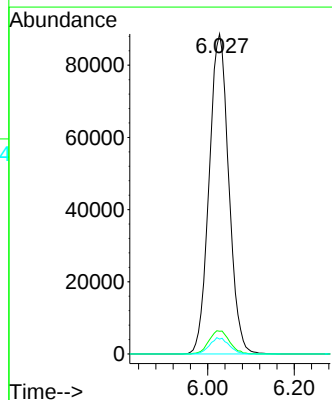
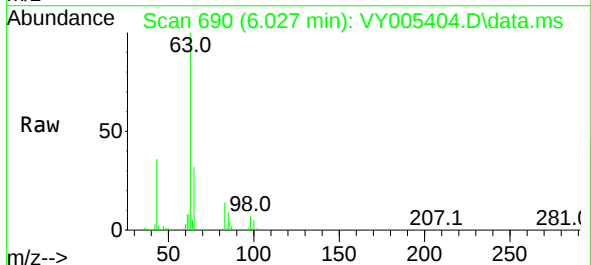
Instrument :  
 MSVOA\_Y  
 ClientSampled :

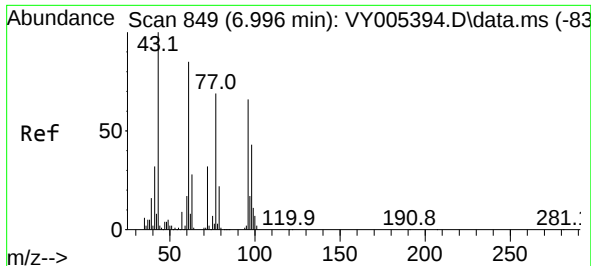
Tgt Ion: 43 Resp: 1482795  
 Ion Ratio Lower Upper  
 43 100  
 86 13.1 10.5 15.7



#24  
 1,1-Dichloroethane  
 Concen: 51.839 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. 0.000 min  
 Lab File: VY005404.D  
 Acq: 09 Jul 2021 17:34

Tgt Ion: 63 Resp: 278860  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.8 11.4  
 100 4.7 2.5 7.4

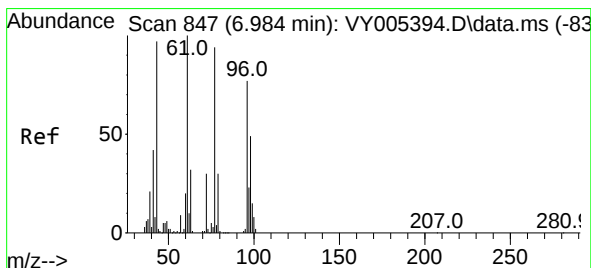
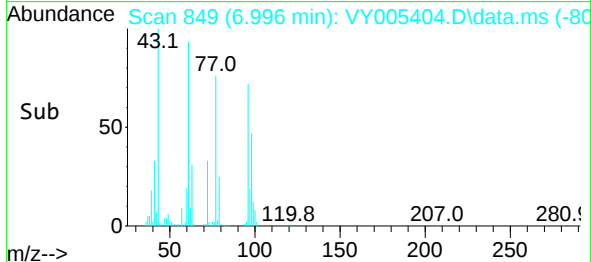
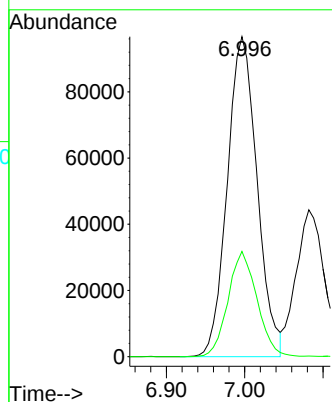
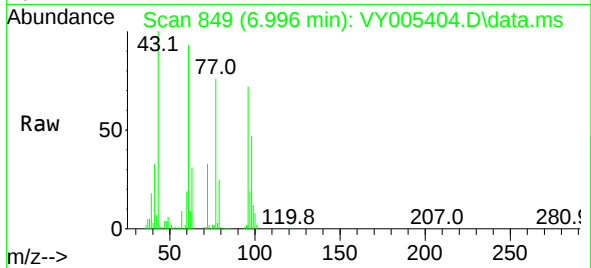




#25  
2-Butanone  
Concen: 251.309 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

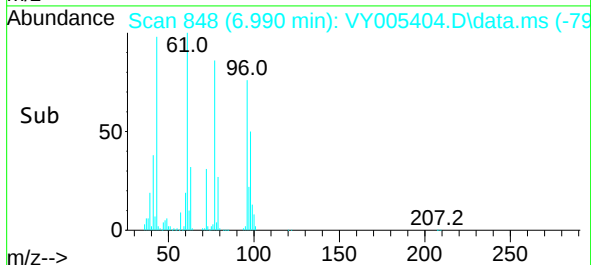
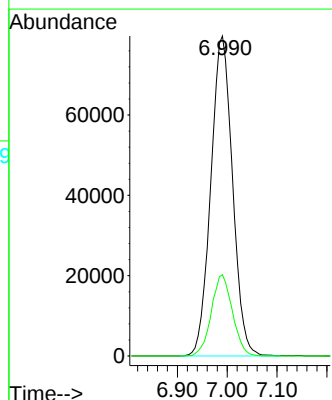
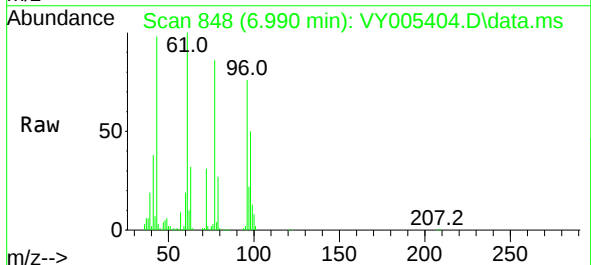
Instrument :  
MSVOA\_Y  
ClientSampled :

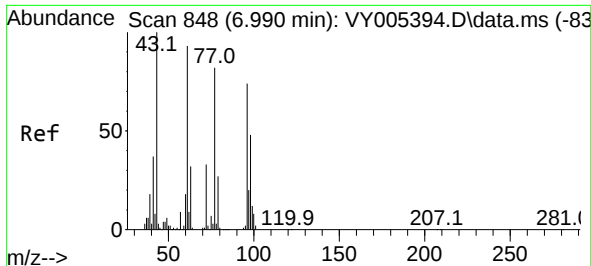
Tgt Ion: 43 Resp: 256232  
Ion Ratio Lower Upper  
43 100  
72 32.9 25.3 37.9



#26  
2,2-Dichloropropane  
Concen: 48.232 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.006 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 77 Resp: 240779  
Ion Ratio Lower Upper  
77 100  
97 24.6 12.0 36.1

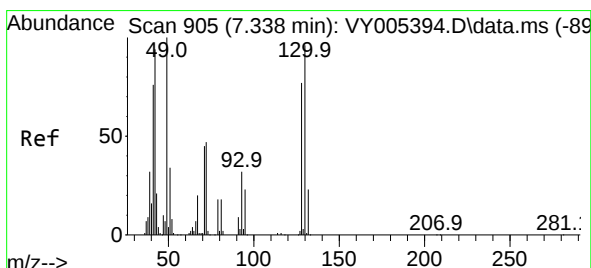
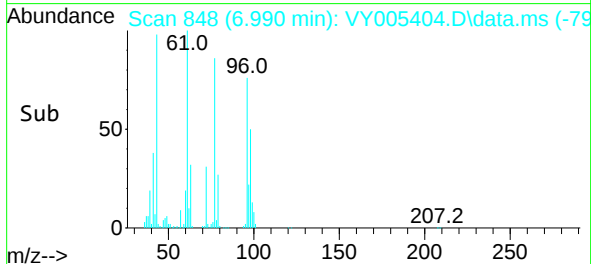
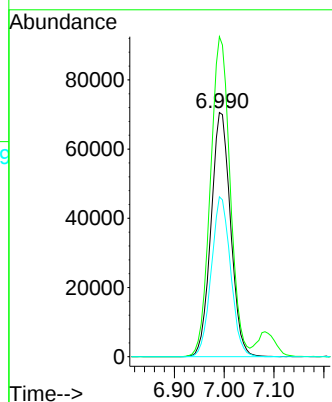
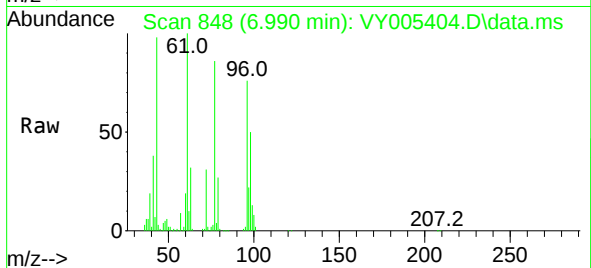




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.657 ug/l  
 RT: 6.990 min Scan# 848  
 Delta R.T. 0.000 min  
 Lab File: VY005404.D  
 Acq: 09 Jul 2021 17:34

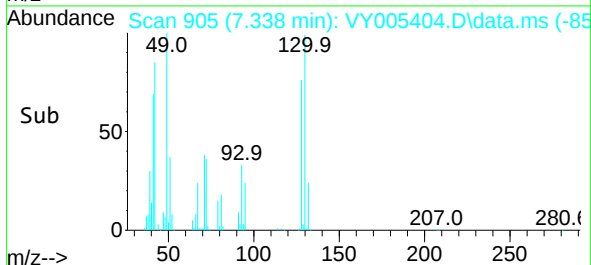
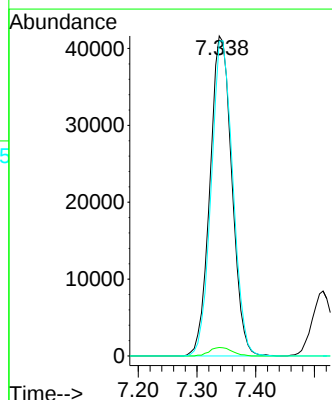
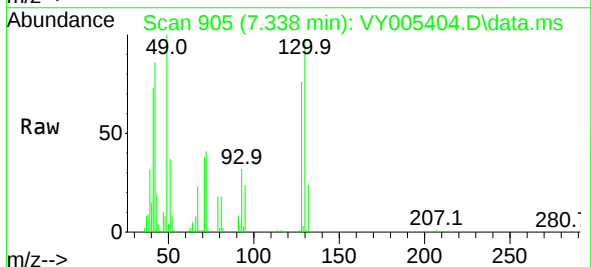
Instrument :  
 MSVOA\_Y  
 ClientSampled :

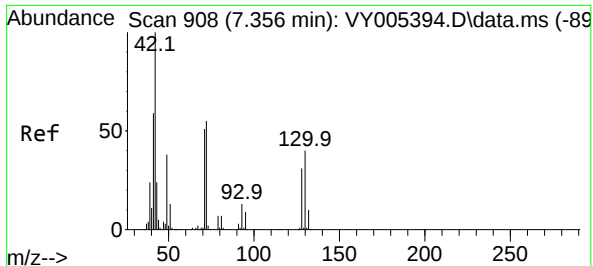
Tgt Ion: 96 Resp: 192270  
 Ion Ratio Lower Upper  
 96 100  
 61 132.1 0.0 261.4  
 98 64.5 0.0 129.2



#28  
 Bromochloromethane  
 Concen: 53.400 ug/l  
 RT: 7.338 min Scan# 905  
 Delta R.T. 0.000 min  
 Lab File: VY005404.D  
 Acq: 09 Jul 2021 17:34

Tgt Ion: 49 Resp: 107822  
 Ion Ratio Lower Upper  
 49 100  
 129 2.7 0.0 5.2  
 130 97.1 80.6 120.8





#29

Tetrahydrofuran

Concen: 255.902 ug/l

RT: 7.356 min Scan# 908

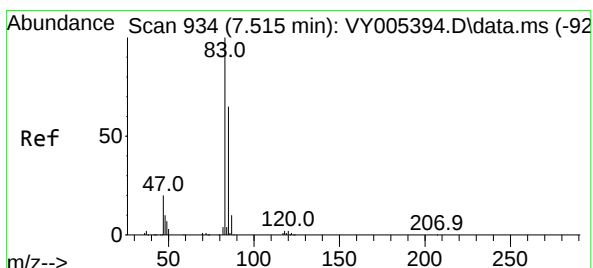
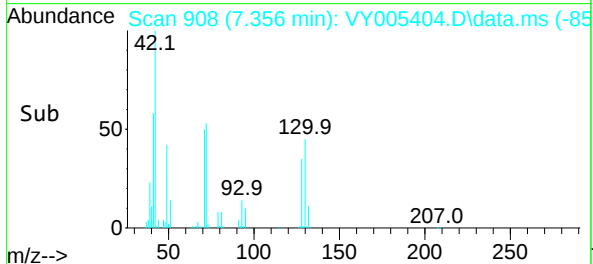
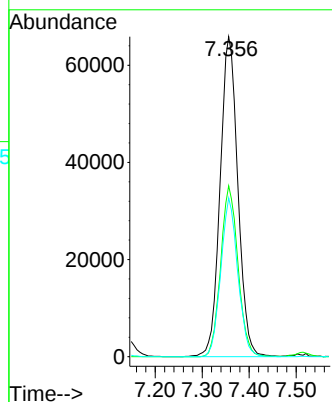
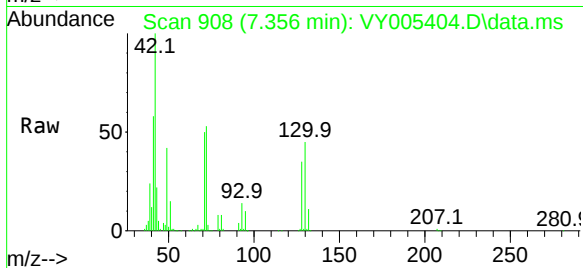
Delta R.T. 0.000 min

Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

Tgt Ion: 42 Resp: 173076

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 52.1  | 41.8  | 62.6  |
| 71  | 47.4  | 39.8  | 59.6  |



#30

Chloroform

Concen: 50.742 ug/l

RT: 7.515 min Scan# 934

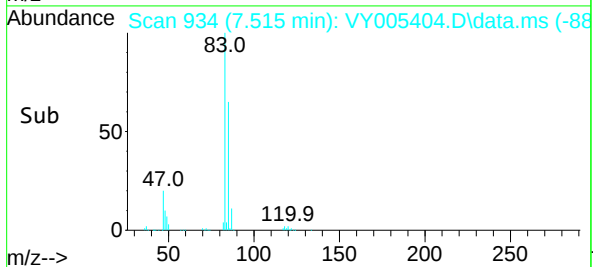
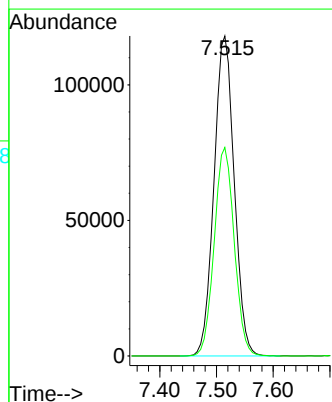
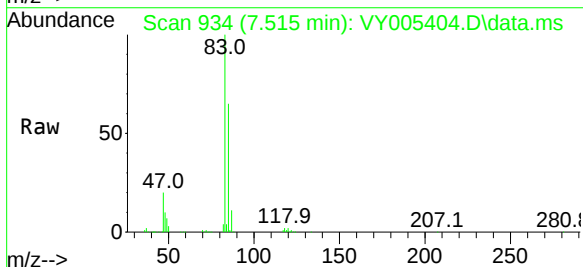
Delta R.T. 0.000 min

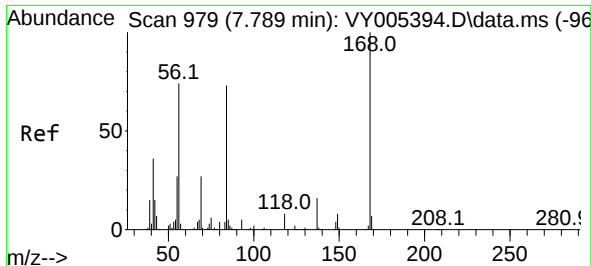
Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

Tgt Ion: 83 Resp: 292578

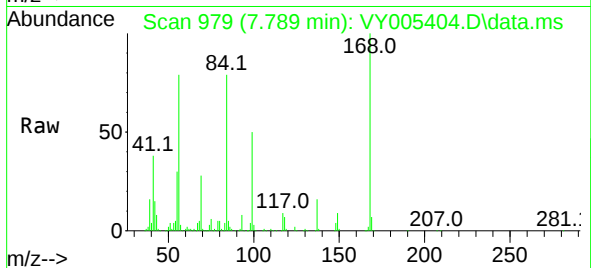
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.1  | 51.7  | 77.5  |



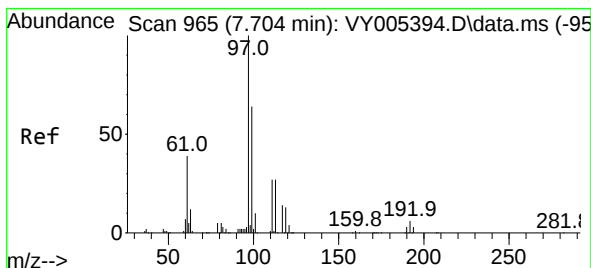
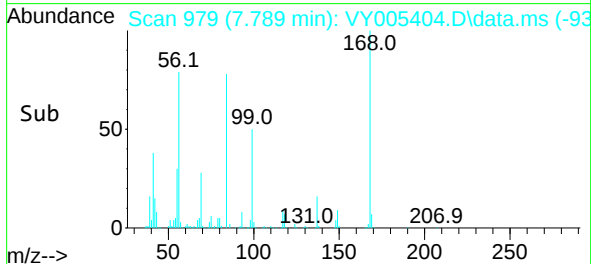
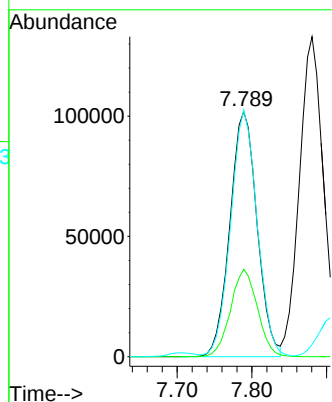


#31  
Cyclohexane  
Concen: 48.087 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

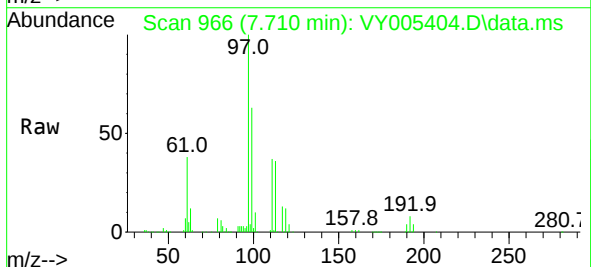
Instrument :  
MSVOA\_Y  
ClientSampled :



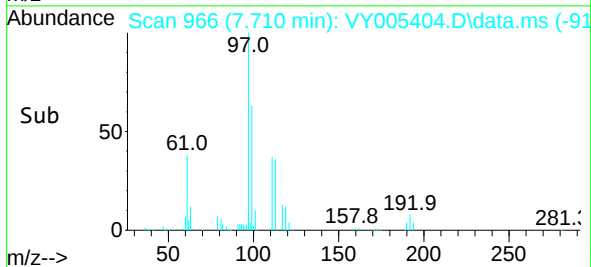
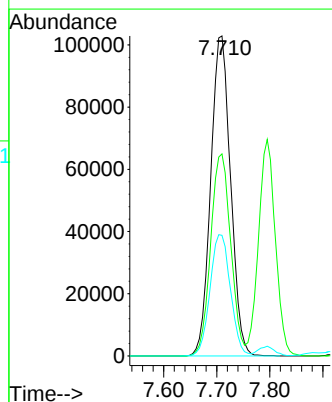
Tgt Ion: 56 Resp: 257550  
Ion Ratio Lower Upper  
56 100  
69 35.6 28.8 43.2  
84 99.0 78.6 118.0

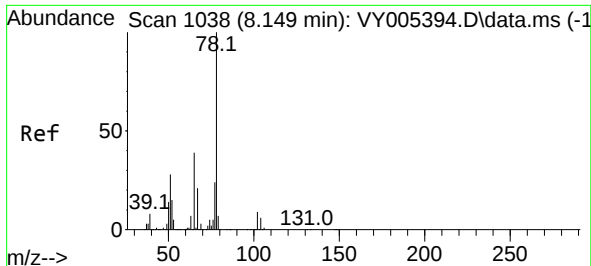


#32  
1,1,1-Trichloroethane  
Concen: 50.092 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.006 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34



Tgt Ion: 97 Resp: 267405  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.0 76.4  
61 39.0 30.6 46.0

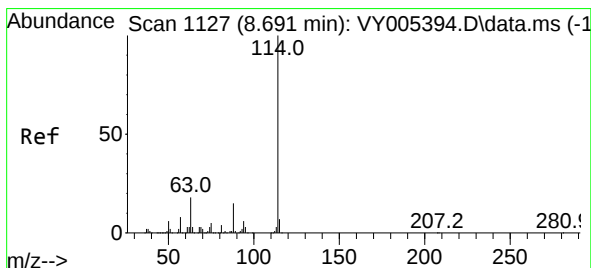
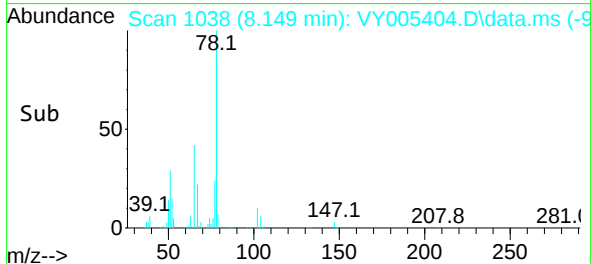
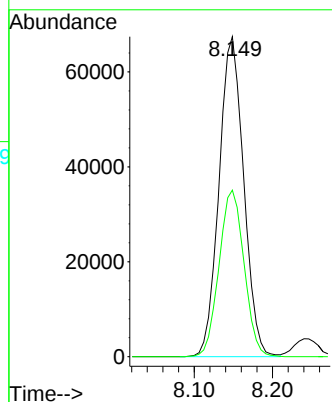
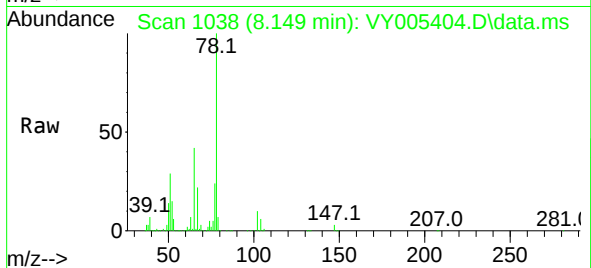




#33  
1,2-Dichloroethane-d4  
Concen: 48.817 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

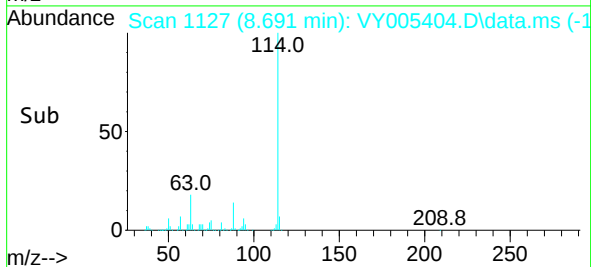
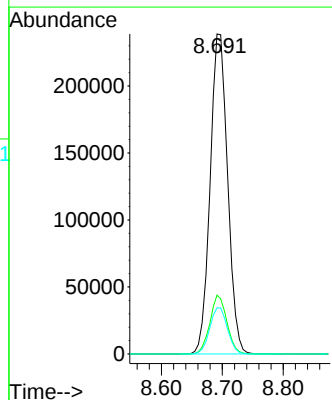
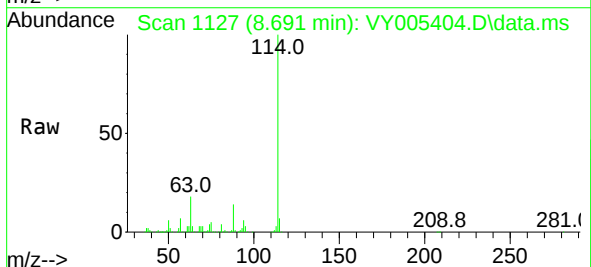
Instrument :  
MSVOA\_Y  
ClientSampled :

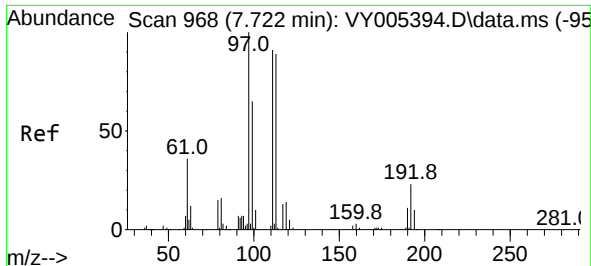
Tgt Ion: 65 Resp: 147528  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 106.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion:114 Resp: 475405  
Ion Ratio Lower Upper  
114 100  
63 18.4 0.0 35.2  
88 14.4 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.203 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

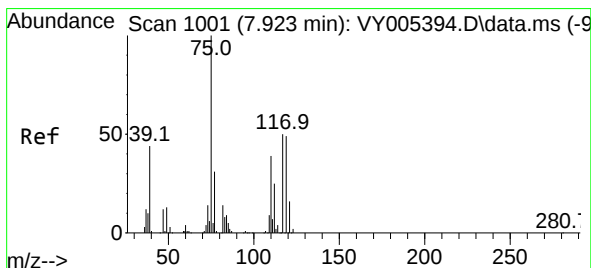
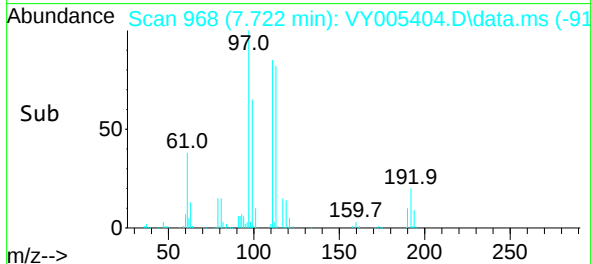
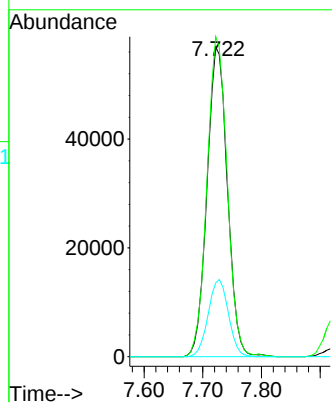
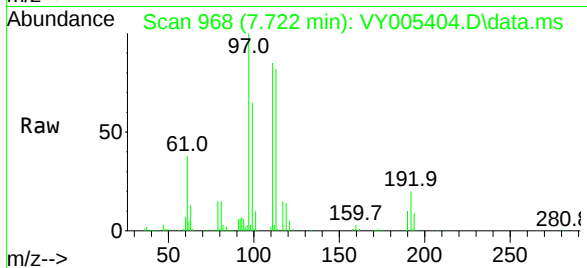
Tgt Ion: 113 Resp: 137279

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 24.7 19.9 29.9



#36

1,1-Dichloropropene

Concen: 48.525 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

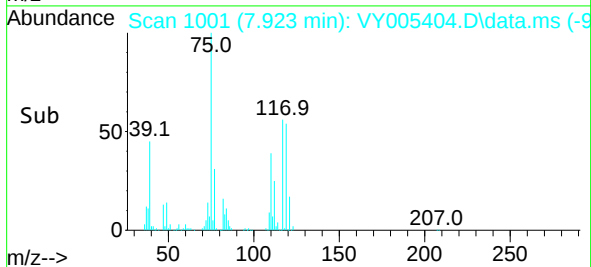
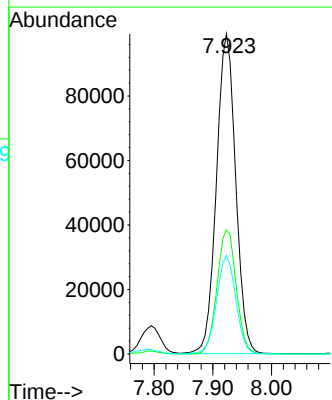
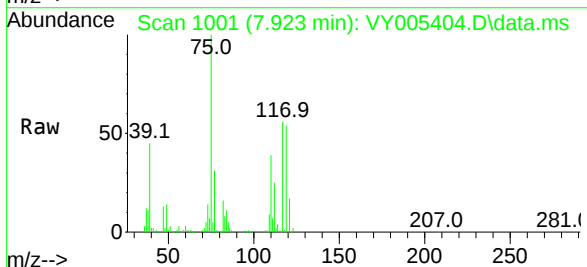
Tgt Ion: 75 Resp: 225212

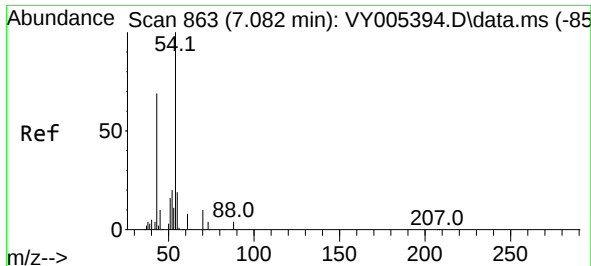
Ion Ratio Lower Upper

75 100

110 38.8 19.3 57.9

77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 49.524 ug/l

RT: 7.082 min Scan# 863

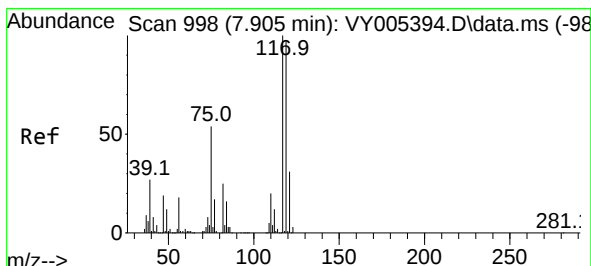
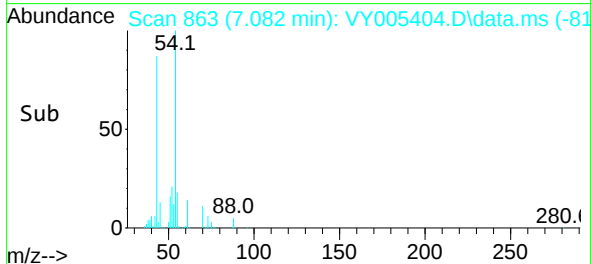
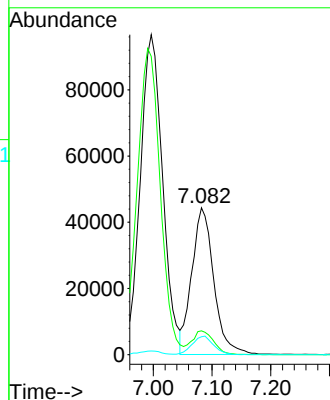
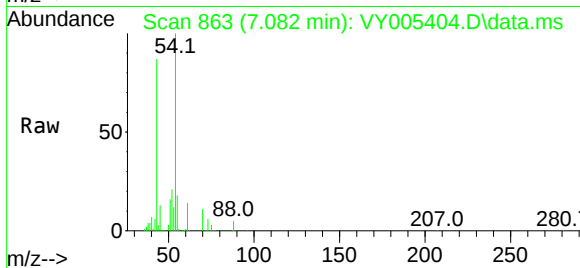
Delta R.T. 0.000 min

Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

Tgt Ion: 43 Resp: 115570

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.9  | 12.6  | 19.0  |
| 70  | 12.3  | 10.0  | 15.0  |



#38

Carbon Tetrachloride

Concen: 48.030 ug/l

RT: 7.905 min Scan# 998

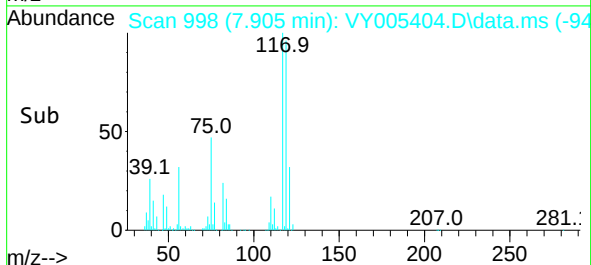
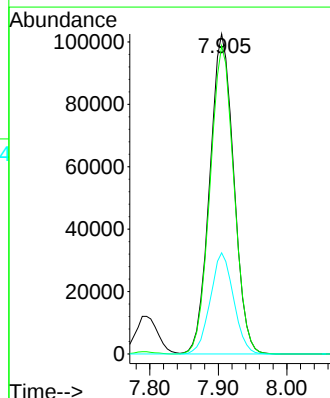
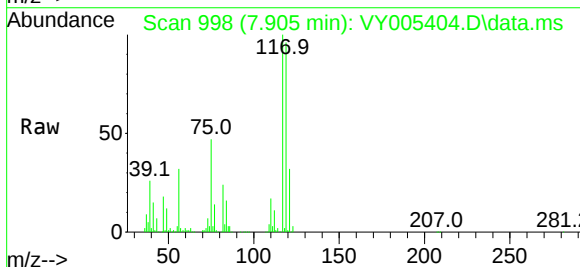
Delta R.T. 0.000 min

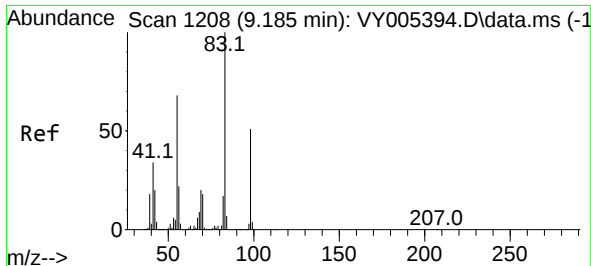
Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

Tgt Ion: 117 Resp: 249215

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.3  | 77.8  | 116.6 |
| 121 | 31.6  | 24.8  | 37.2  |





#39

Methylcyclohexane

Concen: 48.399 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

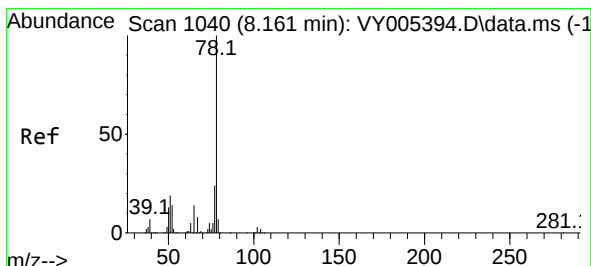
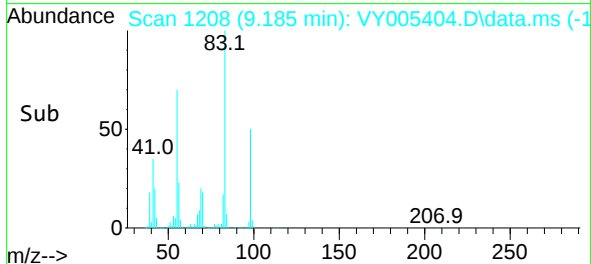
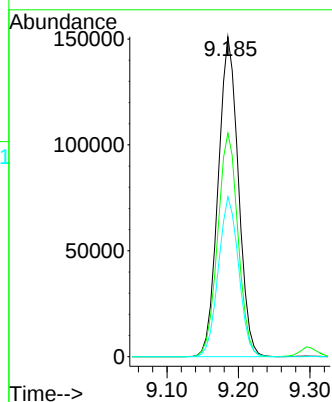
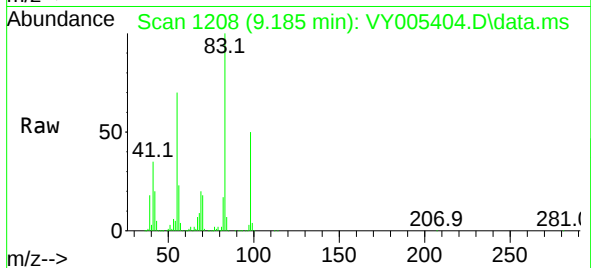
Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

Tgt Ion: 83 Resp: 295592

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 69.9  | 54.8  | 82.2  |
| 98  | 50.0  | 40.7  | 61.1  |

Instrument :  
MSVOA\_Y  
ClientSampled :



#40

Benzene

Concen: 49.827 ug/l

RT: 8.167 min Scan# 1041

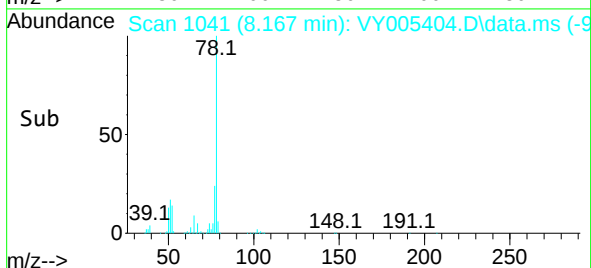
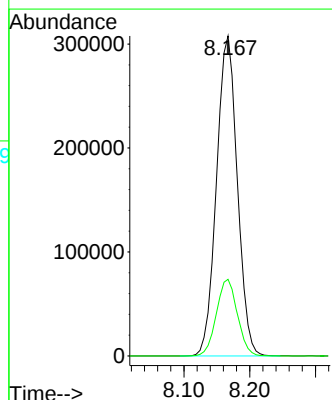
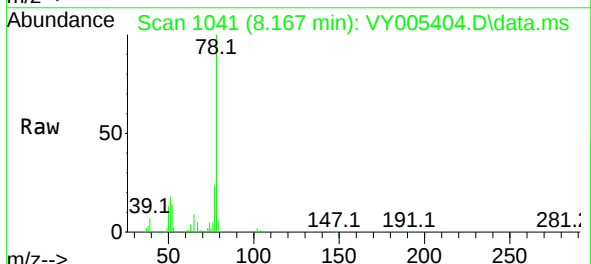
Delta R.T. 0.006 min

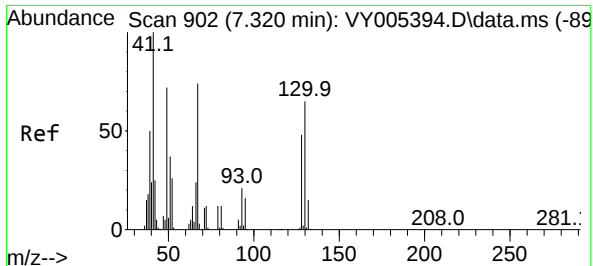
Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

Tgt Ion: 78 Resp: 677811

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.9  | 19.0  | 28.6  |

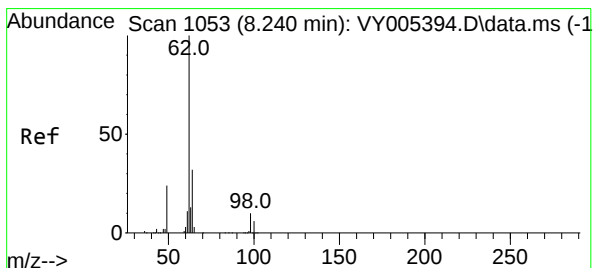
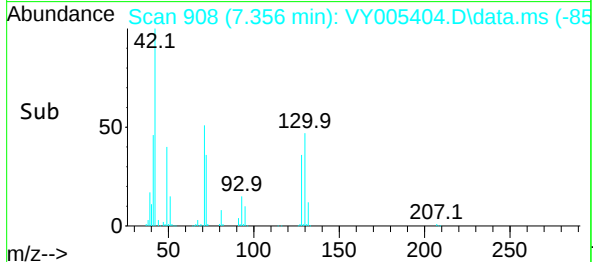
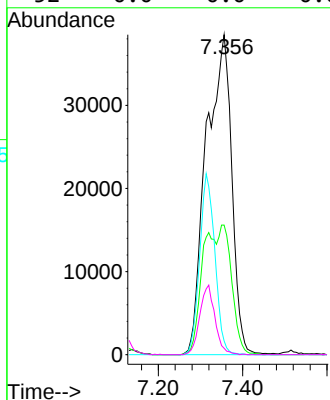
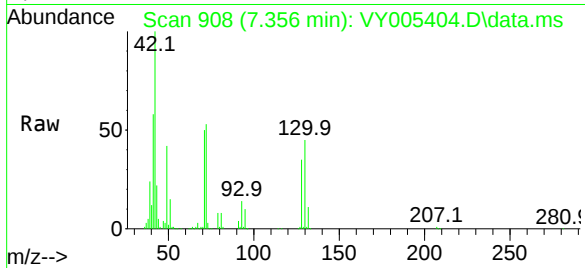




#41  
Methacrylonitrile  
Concen: 120.931 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.037 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

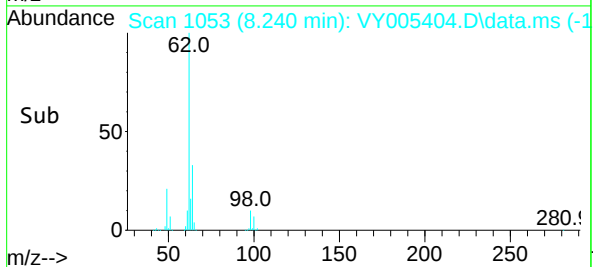
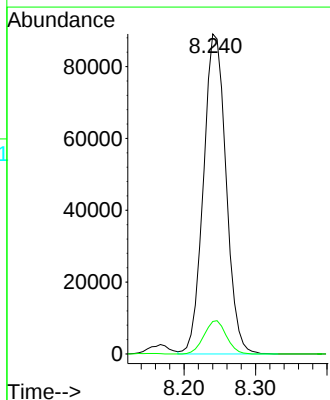
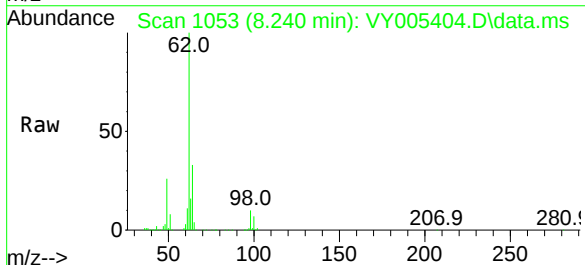
Instrument :  
MSVOA\_Y  
ClientSampleId :

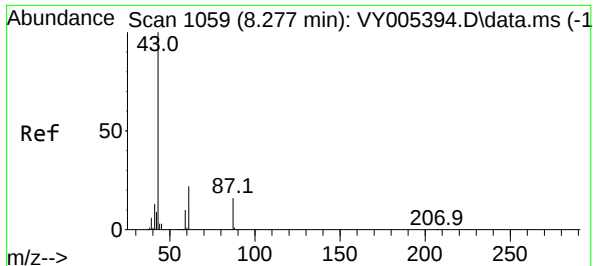
Tgt Ion: 41 Resp: 160961  
Ion Ratio Lower Upper  
41 100  
39 0.0 0.0 0.0  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 49.833 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 62 Resp: 195779  
Ion Ratio Lower Upper  
62 100  
98 10.2 0.0 21.0



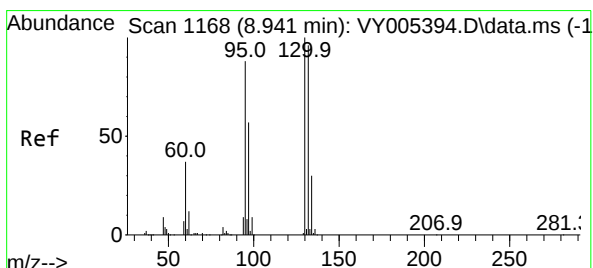
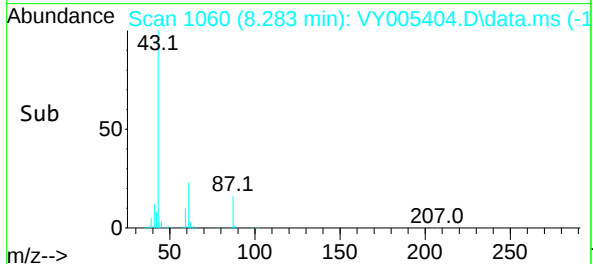
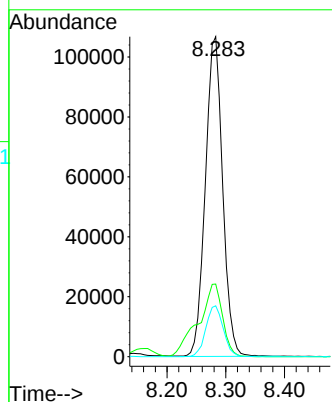
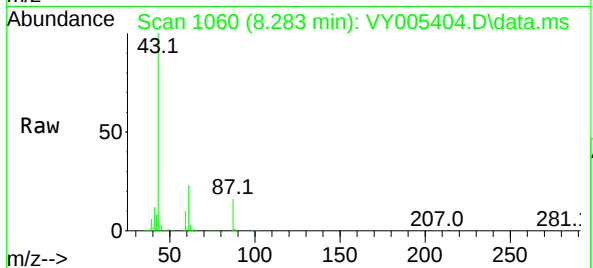


#43

Isopropyl Acetate  
Concen: 51.062 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. 0.006 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Instrument :  
MSVOA\_Y  
ClientSampled :

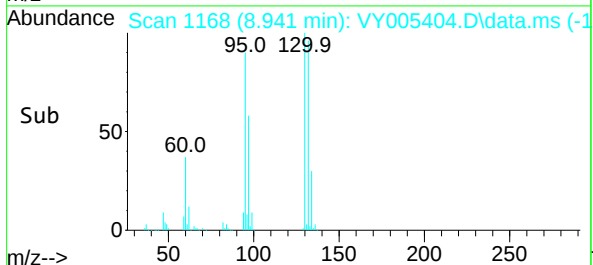
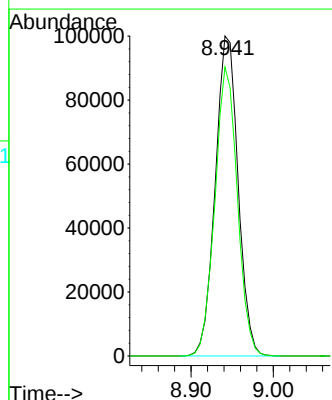
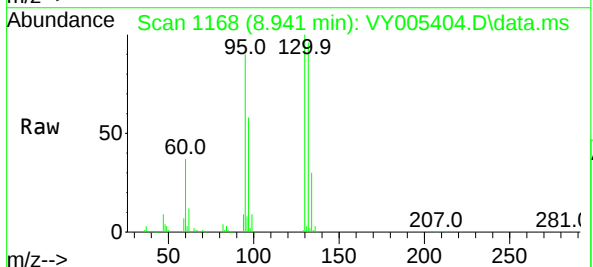
Tgt Ion: 43 Resp: 218574  
Ion Ratio Lower Upper  
43 100  
61 31.9 25.7 38.5  
87 16.1 13.0 19.6

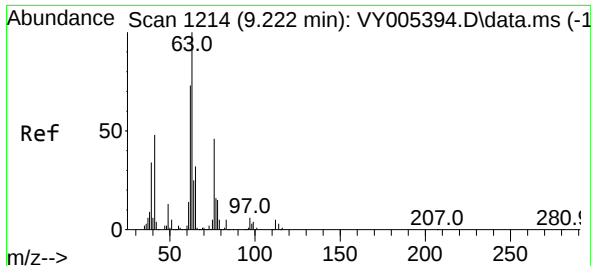


#44

Trichloroethene  
Concen: 48.252 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion:130 Resp: 193172  
Ion Ratio Lower Upper  
130 100  
95 90.2 0.0 175.6

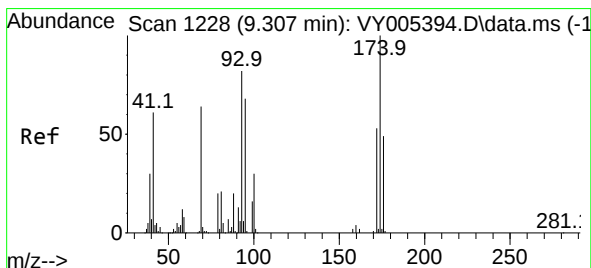
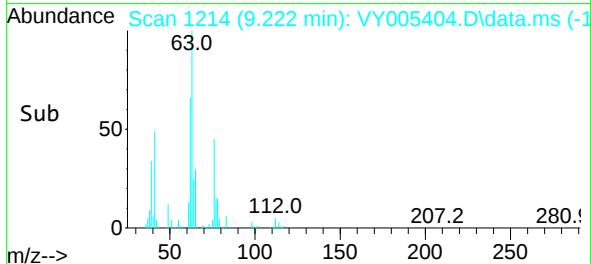
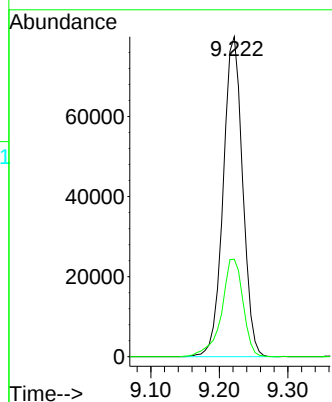
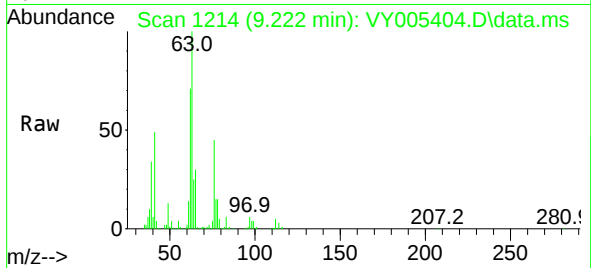




#45  
1,2-Dichloropropane  
Concen: 49.458 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

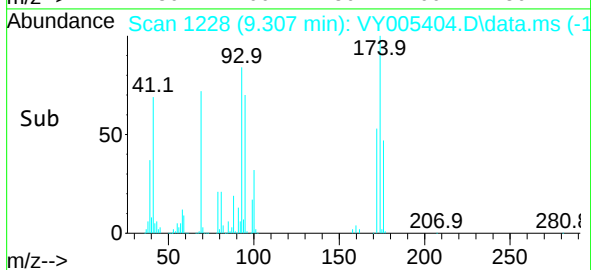
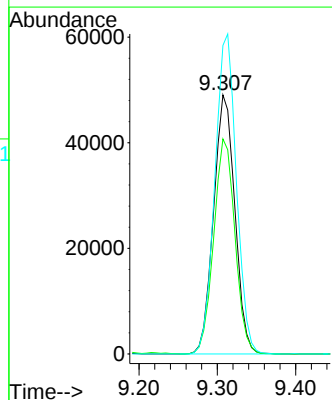
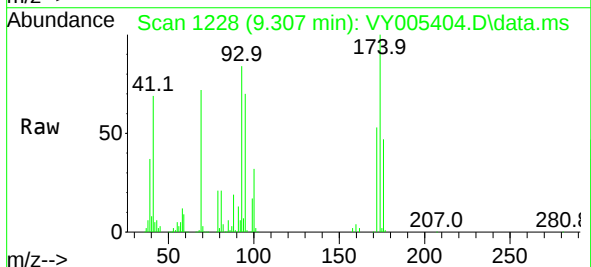
Instrument :  
MSVOA\_Y  
ClientSampleId :

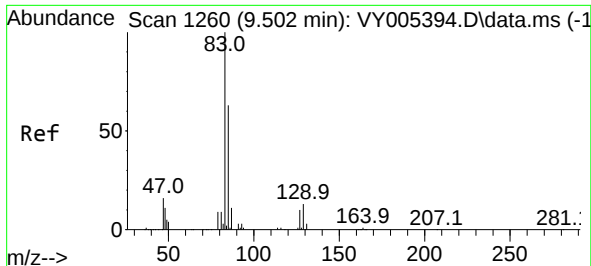
Tgt Ion: 63 Resp: 157180  
Ion Ratio Lower Upper  
63 100  
65 30.4 25.8 38.6



#46  
Dibromomethane  
Concen: 49.798 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

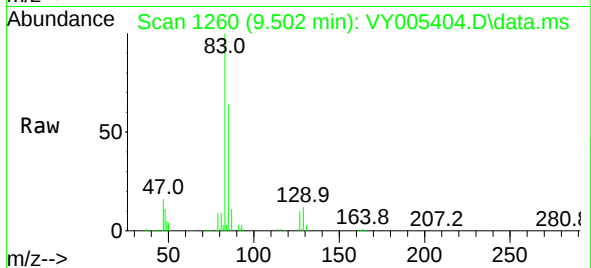
Tgt Ion: 93 Resp: 92730  
Ion Ratio Lower Upper  
93 100  
95 82.9 66.5 99.7  
174 124.3 99.4 149.2



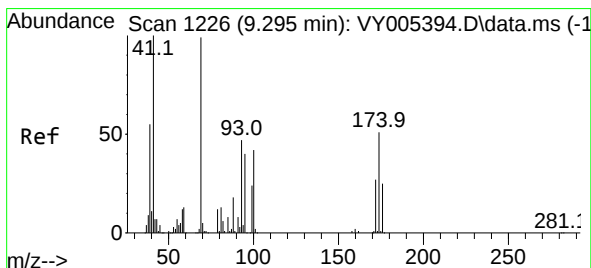
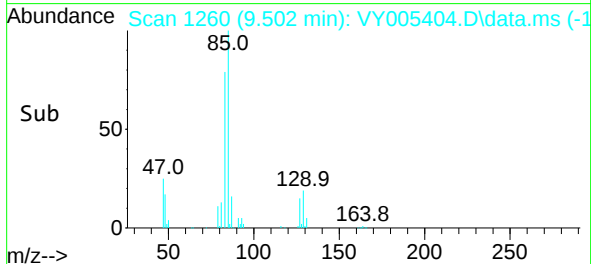
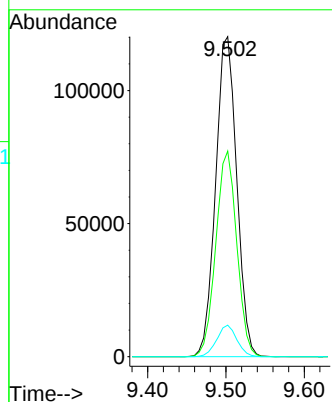


#47  
Bromodichloromethane  
Concen: 49.995 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Instrument :  
MSVOA\_Y  
ClientSampled :

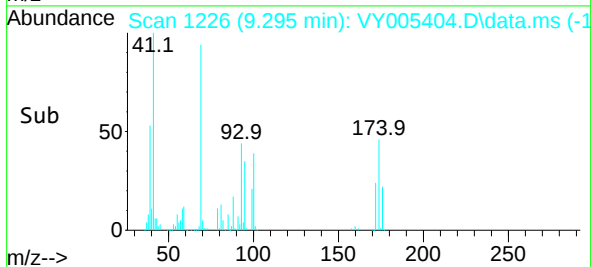
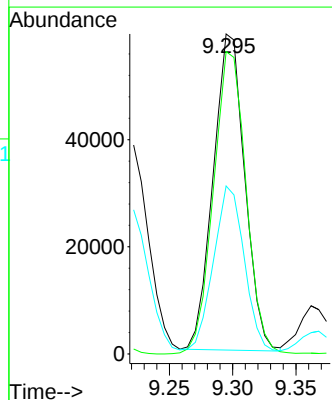
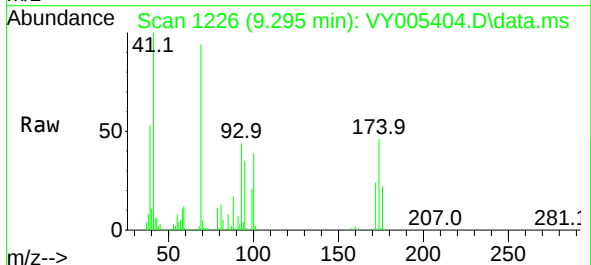


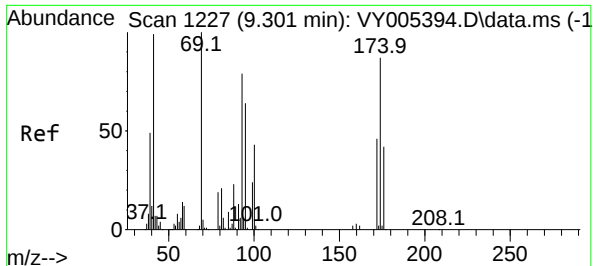
Tgt Ion: 83 Resp: 225445  
Ion Ratio Lower Upper  
83 100  
85 64.3 50.6 76.0  
127 9.9 7.6 11.4



#48  
Methyl methacrylate  
Concen: 51.750 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 41 Resp: 102408  
Ion Ratio Lower Upper  
41 100  
69 98.6 80.6 121.0  
39 53.3 43.3 64.9





#49

1,4-Dioxane

Concen: 995.213 ug/l

RT: 9.301 min Scan# 1227

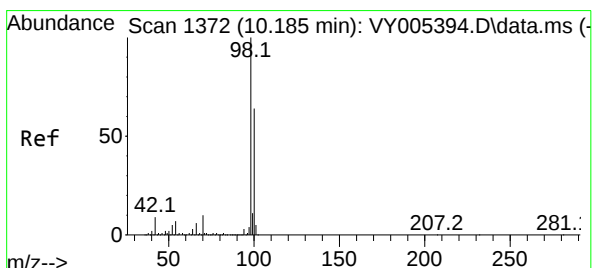
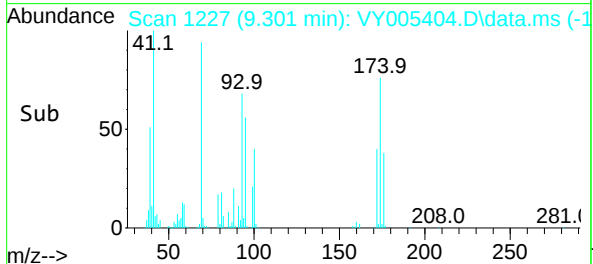
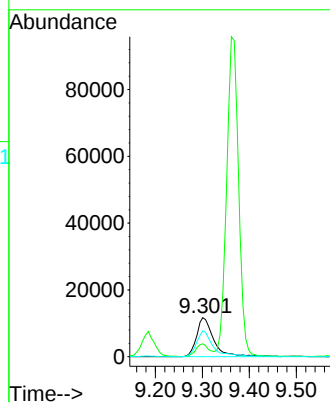
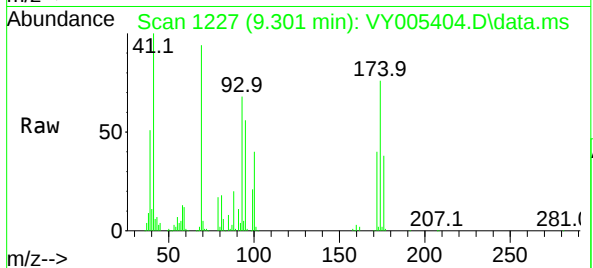
Delta R.T. 0.000 min

Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

Tgt Ion: 88 Resp: 29693

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 25.9  | 19.5  | 29.3  |
| 58  | 63.4  | 44.7  | 67.1  |



#50

Toluene-d8

Concen: 47.304 ug/l

RT: 10.185 min Scan# 1372

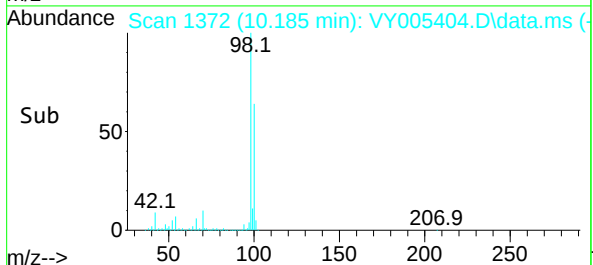
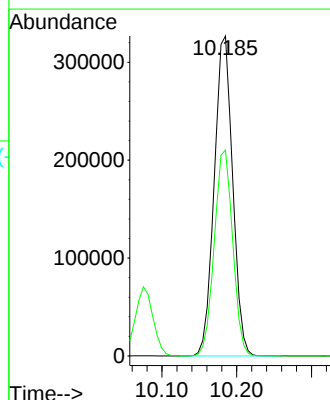
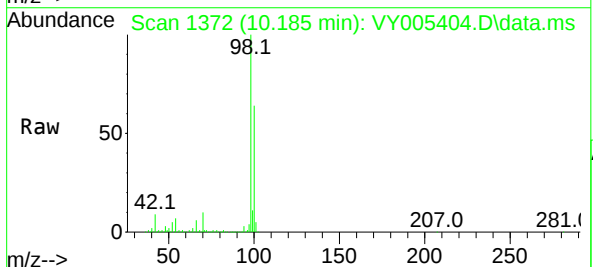
Delta R.T. 0.000 min

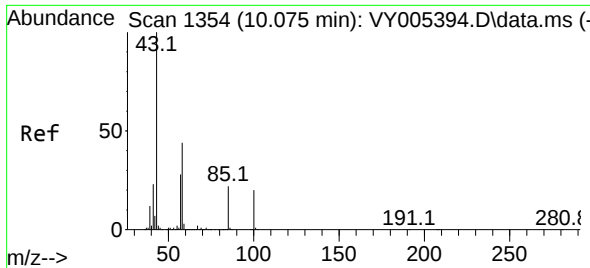
Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

Tgt Ion: 98 Resp: 561777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 64.4  | 51.8  | 77.8  |

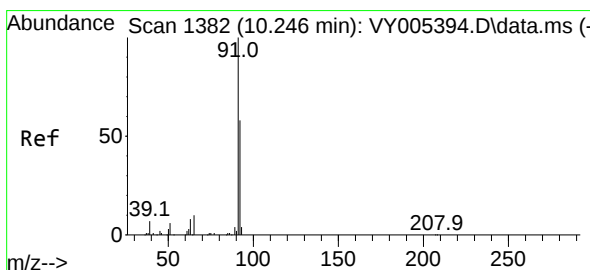
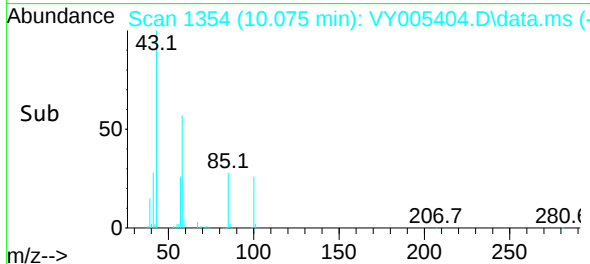
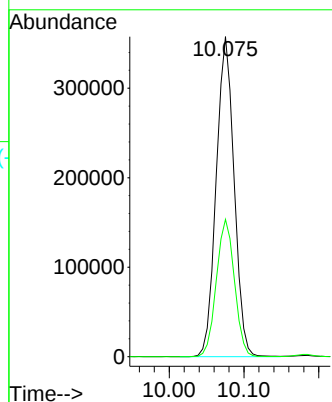
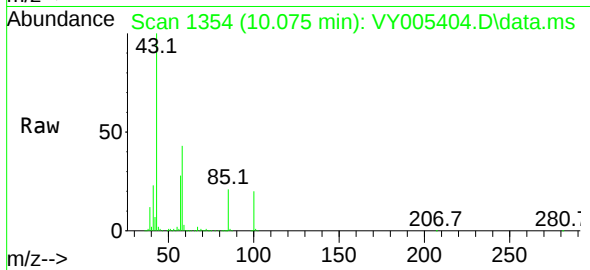




#51  
4-Methyl-2-Pentanone  
Concen: 251.835 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

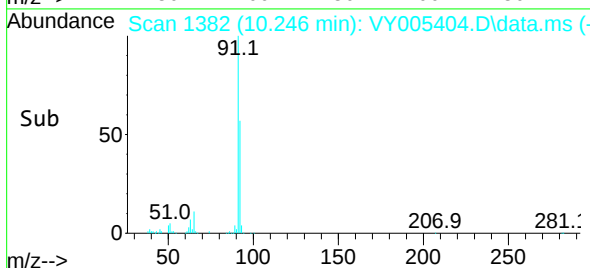
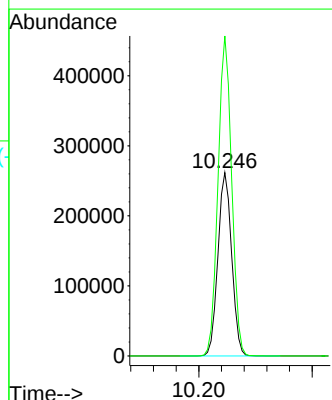
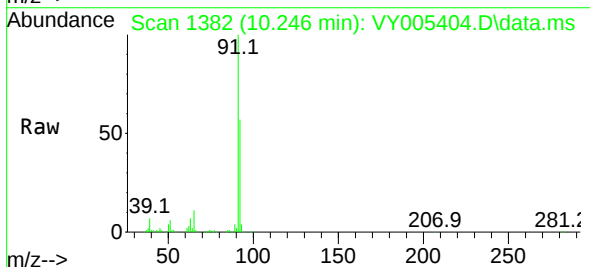
Instrument :  
MSVOA\_Y  
ClientSampled :

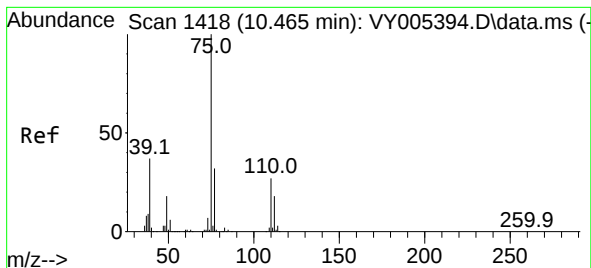
Tgt Ion: 43 Resp: 595705  
Ion Ratio Lower Upper  
43 100  
58 43.4 34.8 52.2



#52  
Toluene  
Concen: 49.164 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 92 Resp: 440202  
Ion Ratio Lower Upper  
92 100  
91 173.1 138.8 208.2

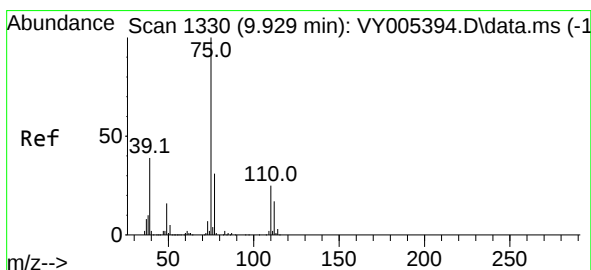
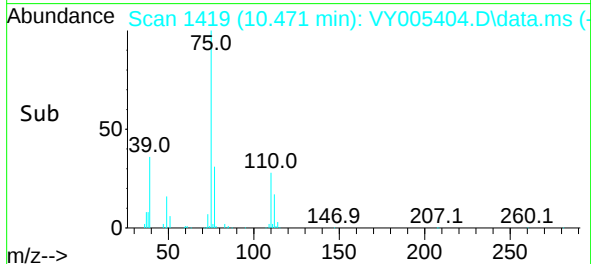
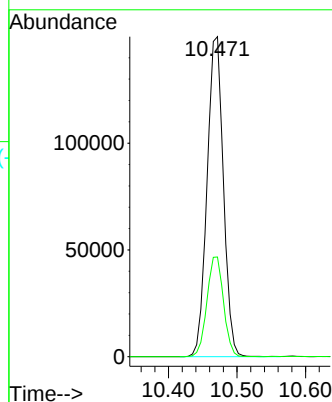
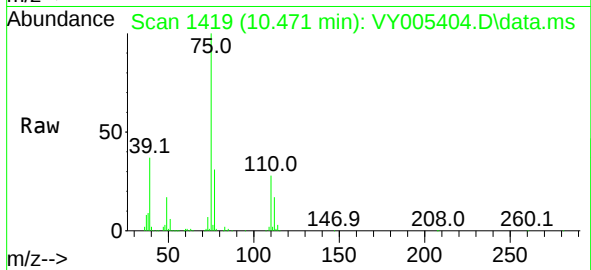




#53  
 t-1,3-Dichloropropene  
 Concen: 49.263 ug/l  
 RT: 10.471 min Scan# 1419  
 Delta R.T. 0.006 min  
 Lab File: VY005404.D  
 Acq: 09 Jul 2021 17:34

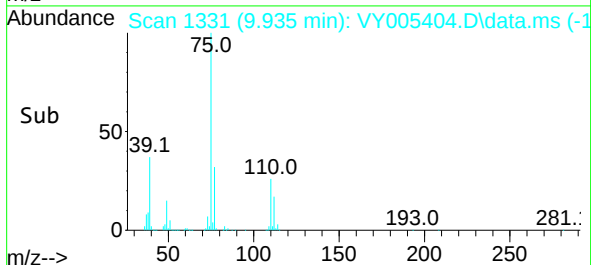
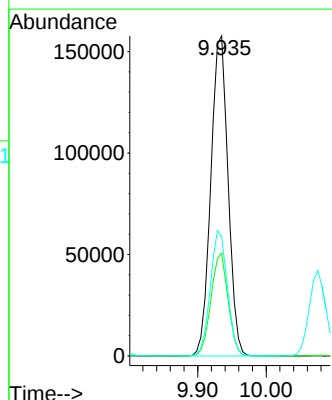
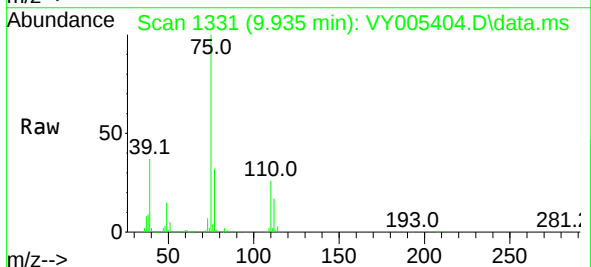
Instrument :  
 MSVOA\_Y  
 ClientSampled :

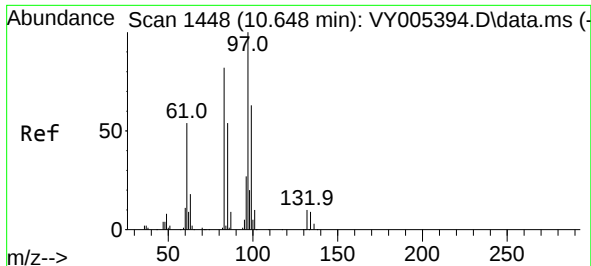
Tgt Ion: 75 Resp: 248067  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.664 ug/l  
 RT: 9.935 min Scan# 1331  
 Delta R.T. 0.006 min  
 Lab File: VY005404.D  
 Acq: 09 Jul 2021 17:34

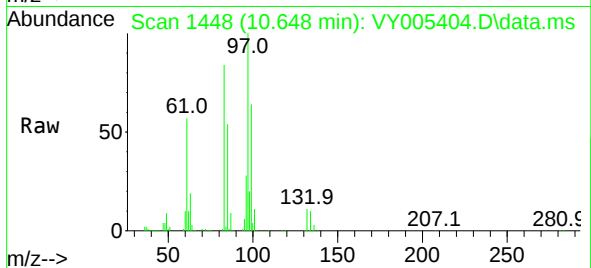
Tgt Ion: 75 Resp: 275665  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 25.1 37.7  
 39 37.4 31.5 47.3



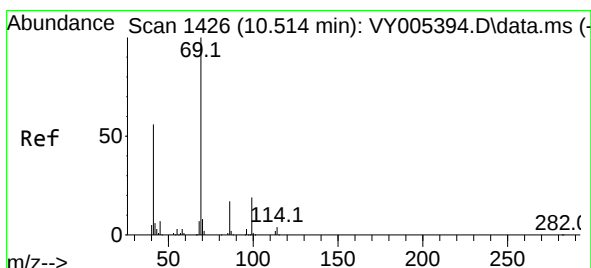
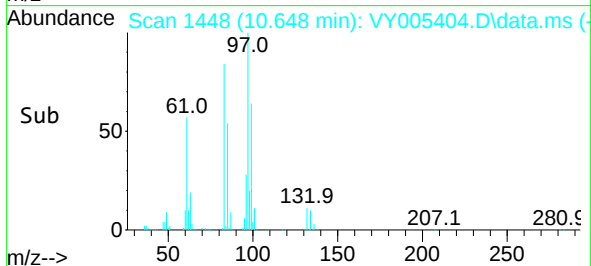
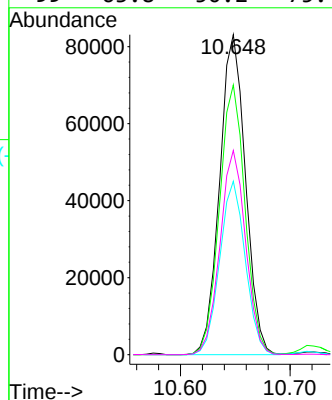


#55  
1,1,2-Trichloroethane  
Concen: 49.357 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

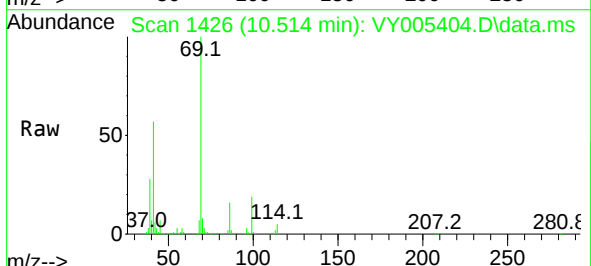
Instrument :  
MSVOA\_Y  
ClientSampled :



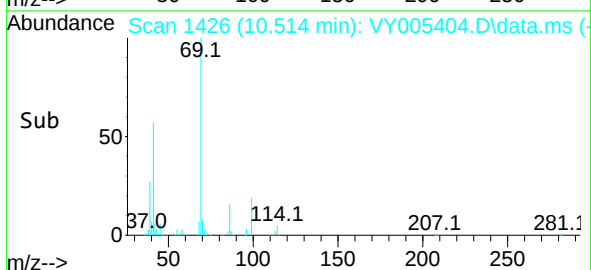
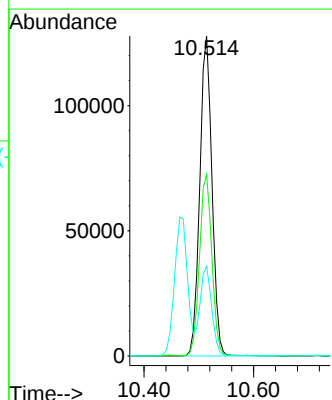
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 136384 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.3  | 65.8  | 98.8   |
| 85       | 54.2  | 43.0  | 64.6   |
| 99       | 63.8  | 50.2  | 75.4   |

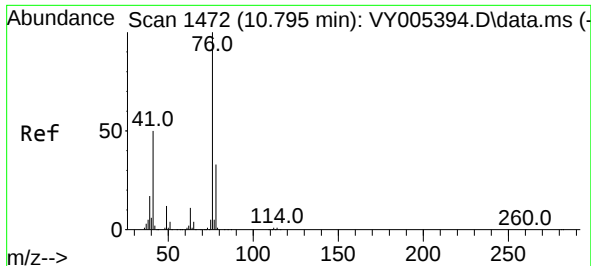


#56  
Ethyl methacrylate  
Concen: 51.449 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 197597 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 57.3  | 45.9  | 68.9   |
| 39       | 27.2  | 22.4  | 33.6   |

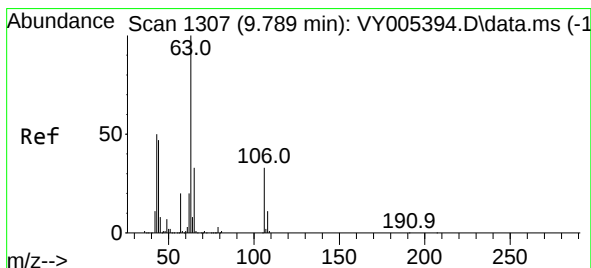
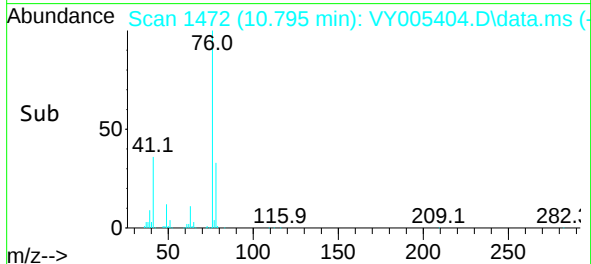
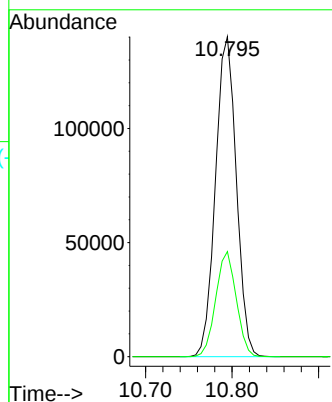
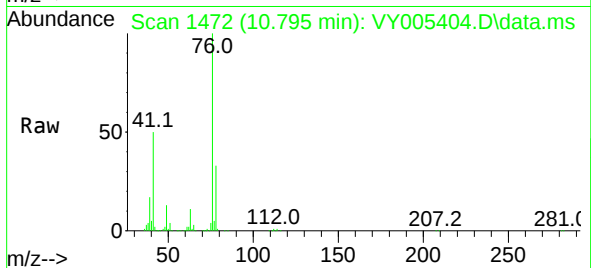




#57  
1,3-Dichloropropane  
Concen: 50.221 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

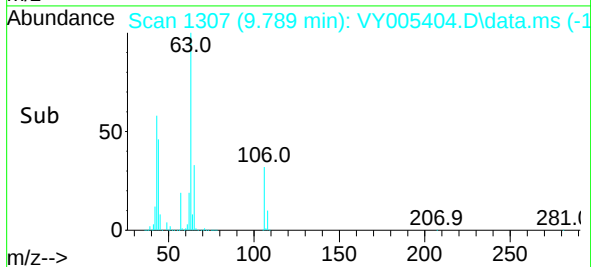
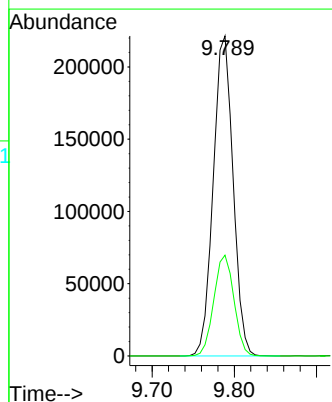
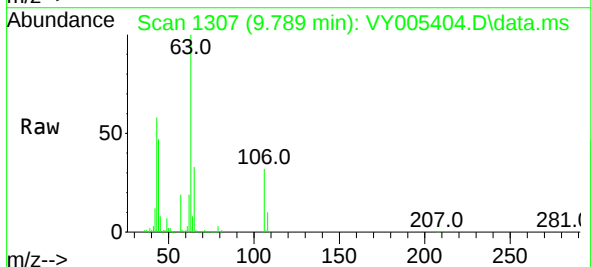
Instrument :  
MSVOA\_Y  
ClientSampled :

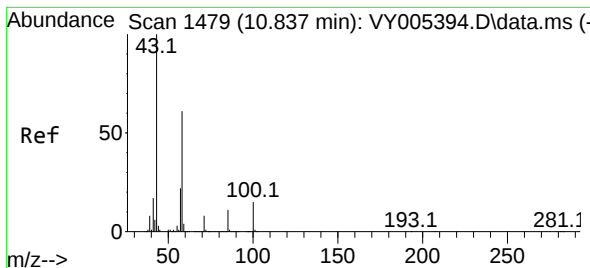
Tgt Ion: 76 Resp: 234275  
Ion Ratio Lower Upper  
76 100  
78 32.3 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 225.684 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 63 Resp: 370574  
Ion Ratio Lower Upper  
63 100  
106 31.9 25.8 38.6

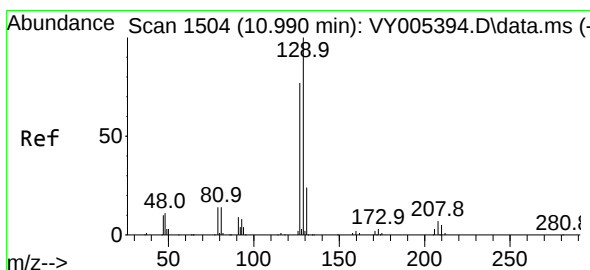
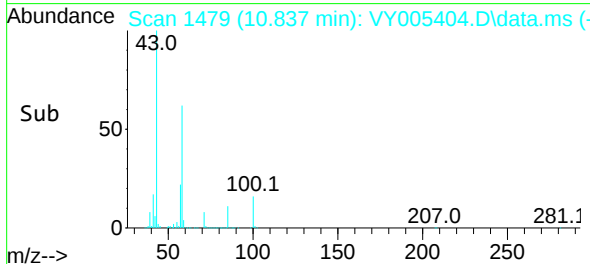
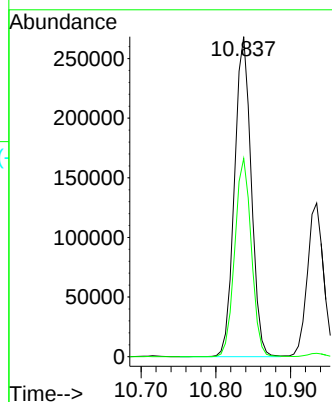
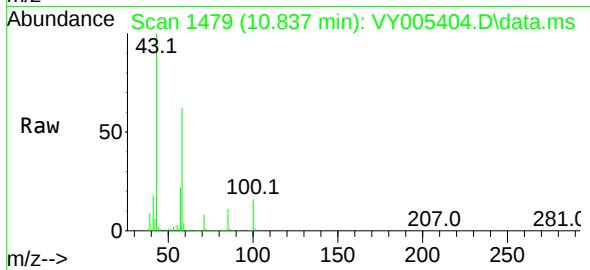




#59  
2-Hexanone  
Concen: 252.895 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

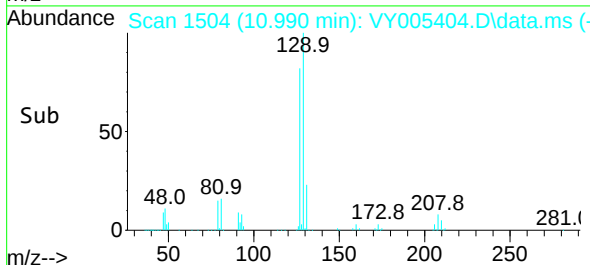
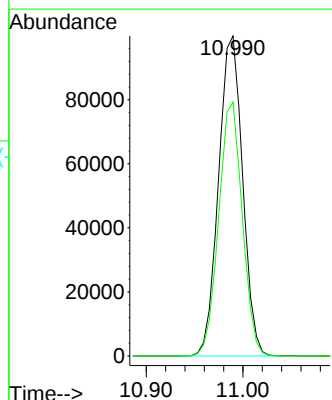
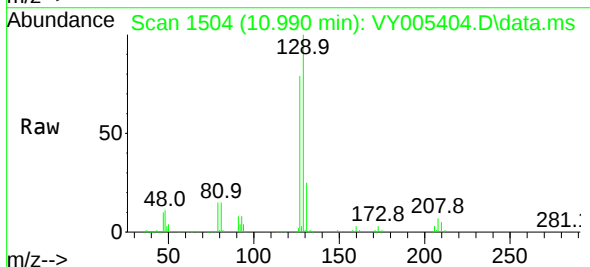
Instrument :  
MSVOA\_Y  
ClientSampled :

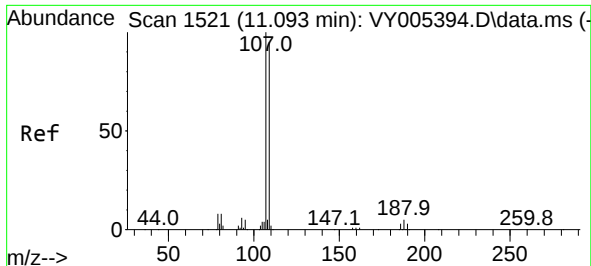
Tgt Ion: 43 Resp: 417804  
Ion Ratio Lower Upper  
43 100  
58 61.3 30.4 91.2



#60  
Dibromochloromethane  
Concen: 49.833 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 129 Resp: 172047  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.4 115.1

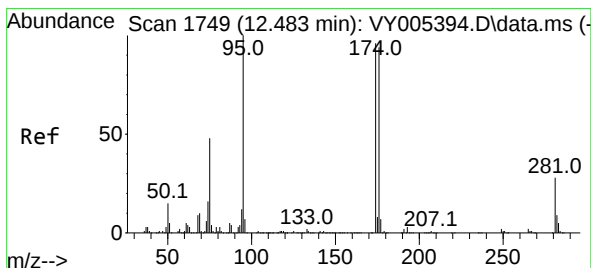
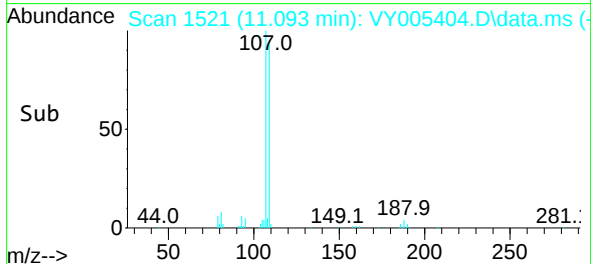
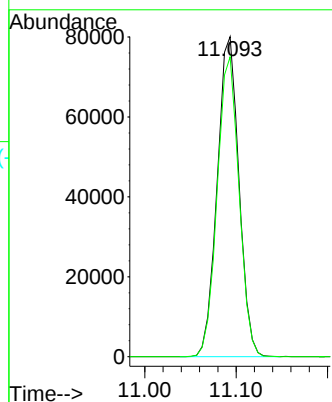
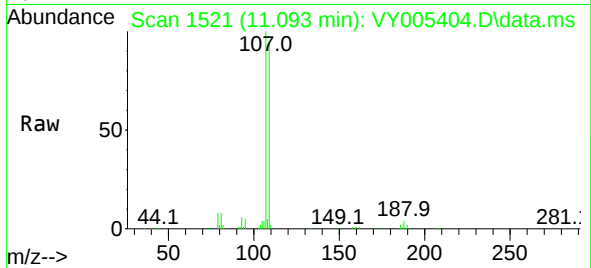




#61  
1,2-Dibromoethane  
Concen: 49.745 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

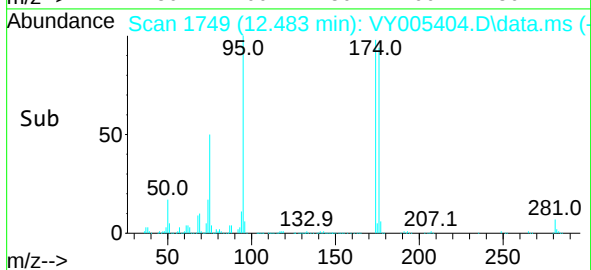
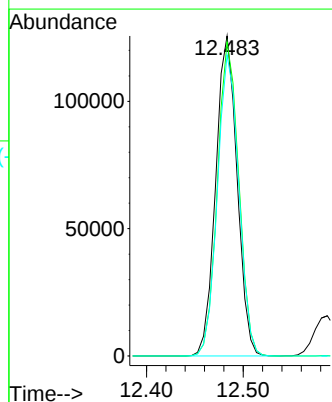
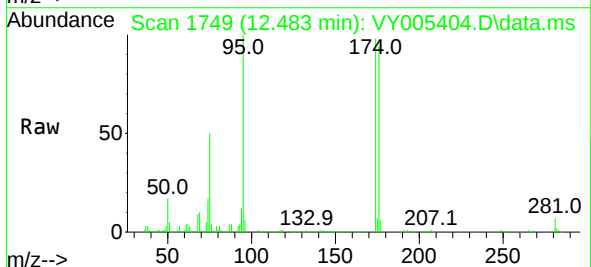
Instrument :  
MSVOA\_Y  
ClientSampled :

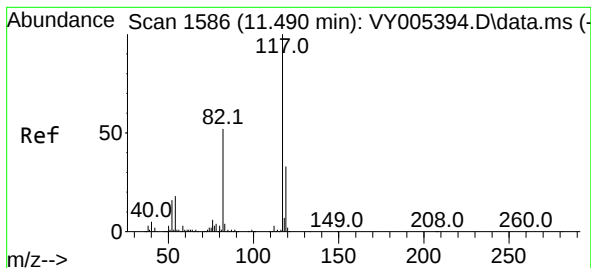
Tgt Ion:107 Resp: 132259  
Ion Ratio Lower Upper  
107 100  
109 94.0 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 48.059 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 95 Resp: 192402  
Ion Ratio Lower Upper  
95 100  
174 97.8 0.0 196.2  
176 94.2 0.0 189.6

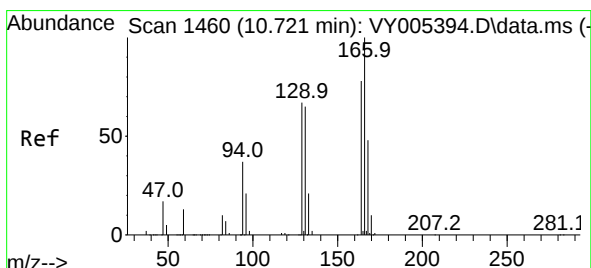
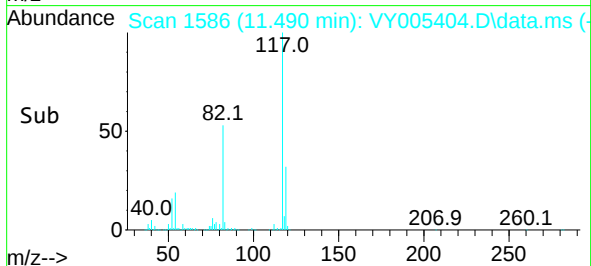
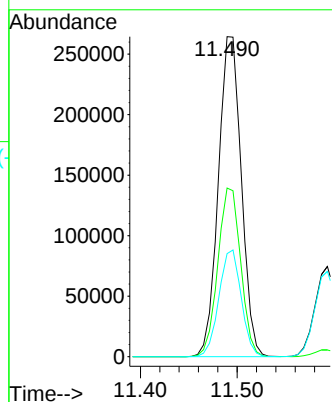
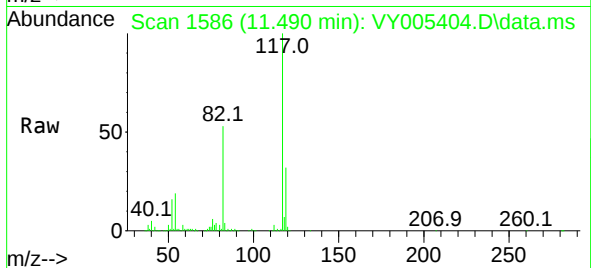




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

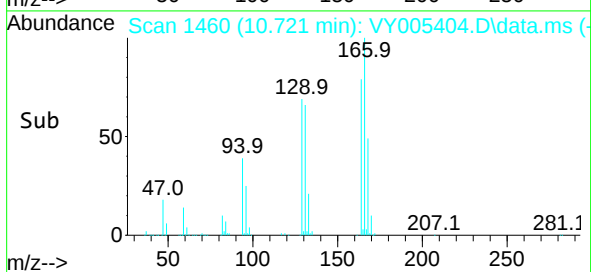
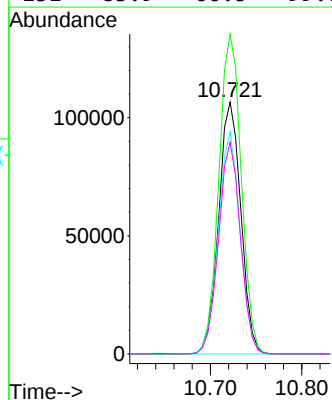
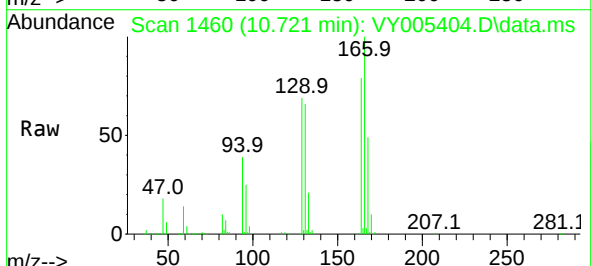
Instrument :  
MSVOA\_Y  
ClientSampleId :

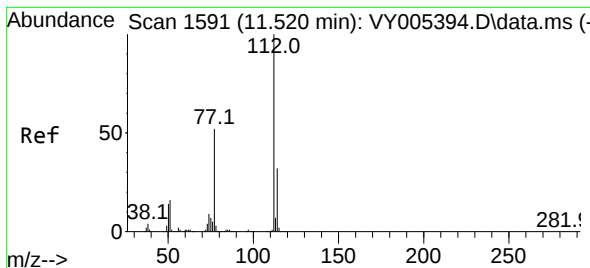
Tgt Ion:117 Resp: 436455  
Ion Ratio Lower Upper  
117 100  
82 52.7 41.6 62.4  
119 32.2 26.1 39.1



#64  
Tetrachloroethene  
Concen: 45.529 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion:164 Resp: 179701  
Ion Ratio Lower Upper  
164 100  
166 127.0 102.6 154.0  
129 88.1 68.4 102.6  
131 83.9 66.5 99.7

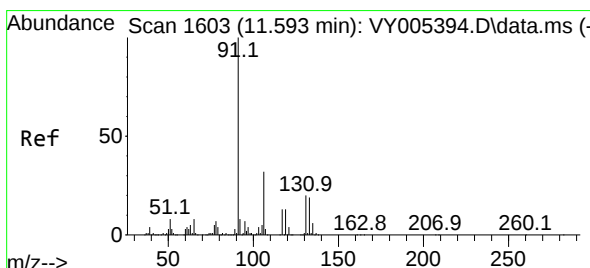
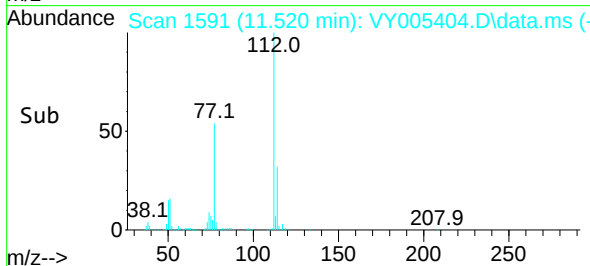
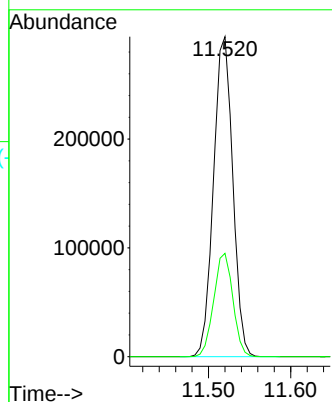
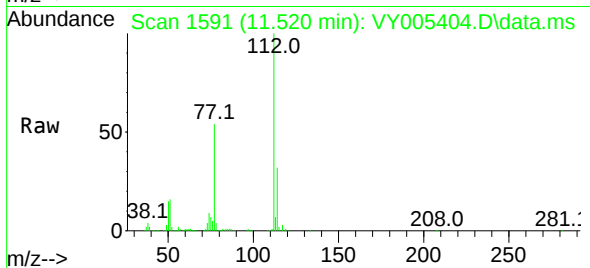




#65  
Chlorobenzene  
Concen: 49.273 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

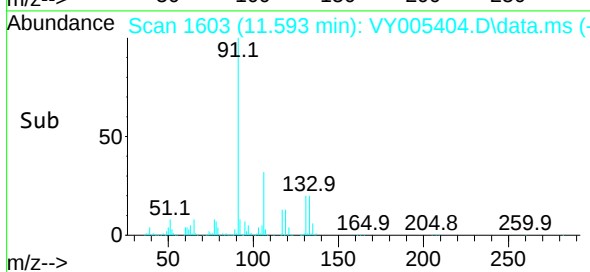
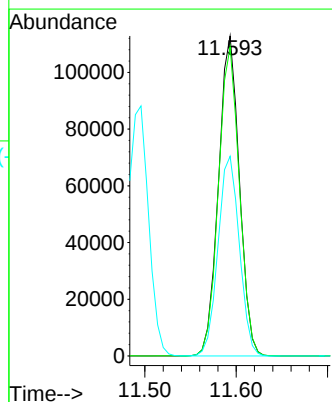
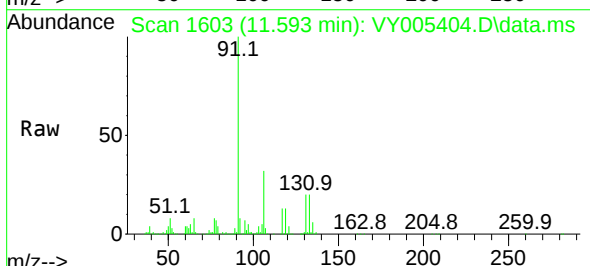
Instrument :  
MSVOA\_Y  
ClientSampled :

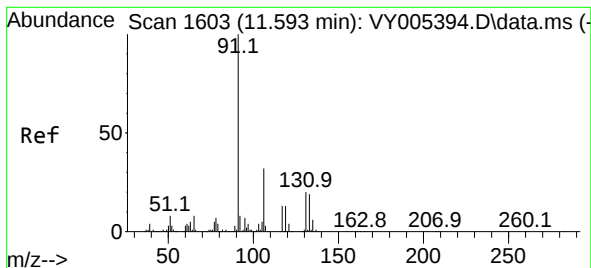
Tgt Ion:112 Resp: 478592  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.502 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion:131 Resp: 178810  
Ion Ratio Lower Upper  
131 100  
133 96.9 48.4 145.2  
119 63.9 31.8 95.4

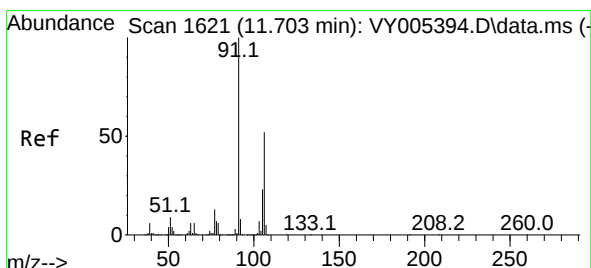
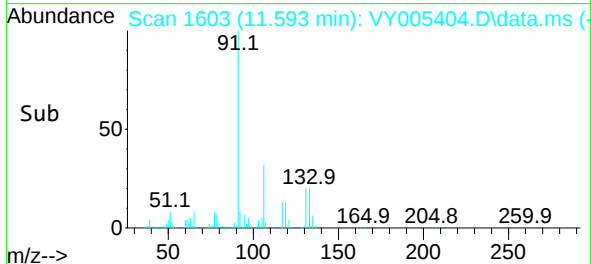
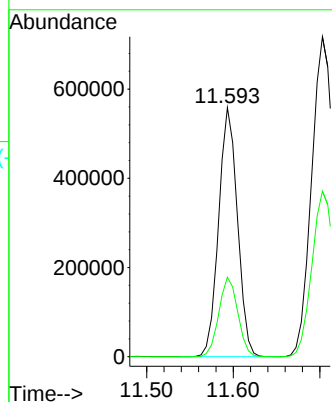
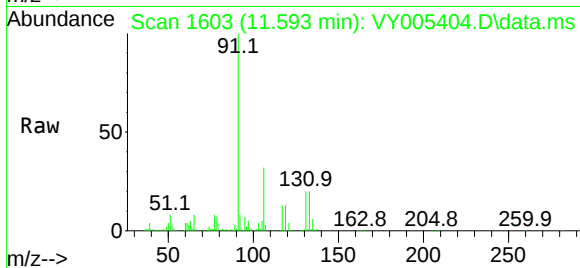




#67  
Ethyl Benzene  
Concen: 49.423 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

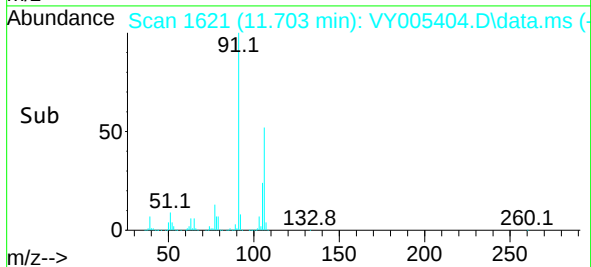
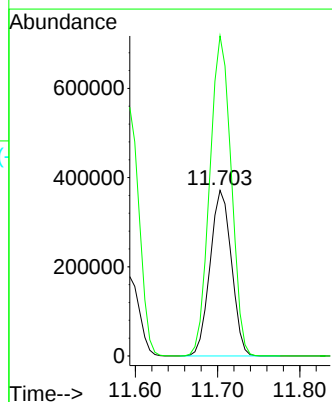
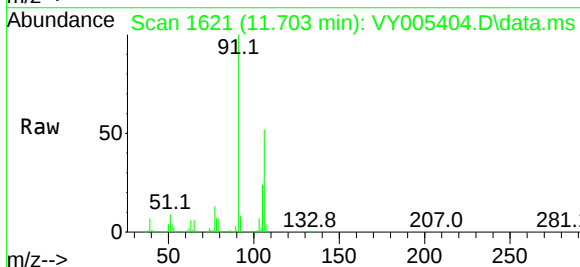
Instrument :  
MSVOA\_Y  
ClientSampleId :

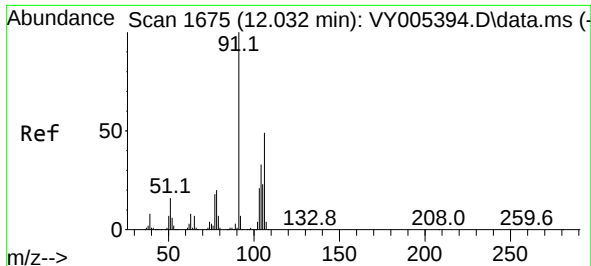
Tgt Ion: 91 Resp: 841273  
Ion Ratio Lower Upper  
91 100  
106 31.9 25.8 38.8



#68  
m/p-Xylenes  
Concen: 98.634 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 106 Resp: 671704  
Ion Ratio Lower Upper  
106 100  
91 193.9 154.8 232.2

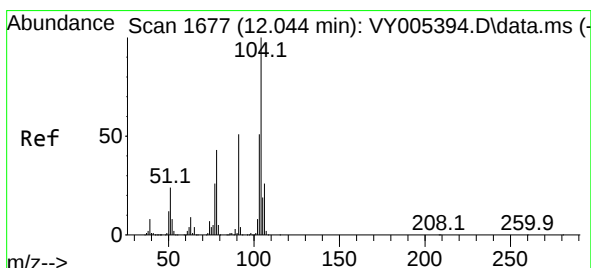
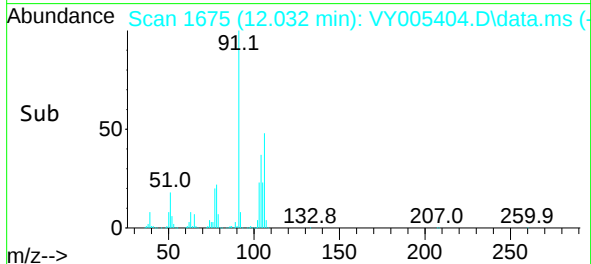
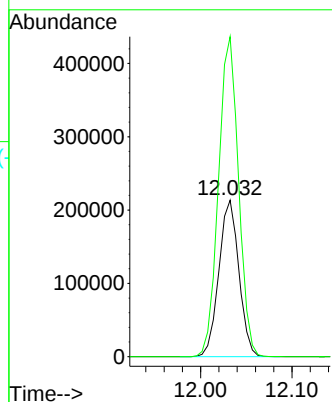
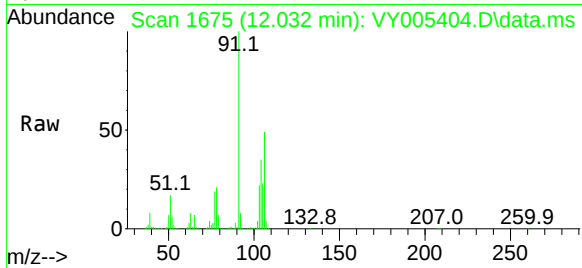




#69  
o-Xylene  
Concen: 50.124 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

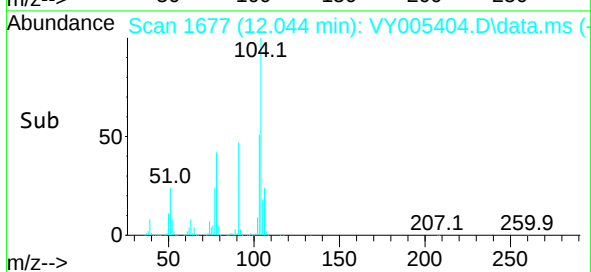
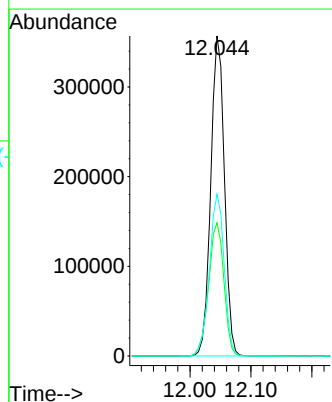
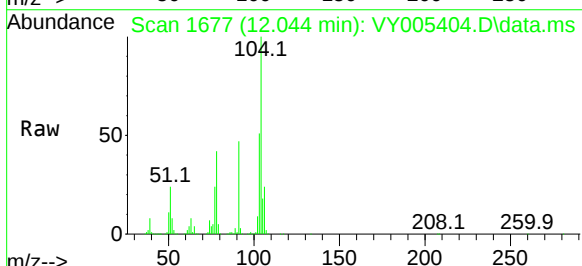
Instrument :  
MSVOA\_Y  
ClientSampleId :

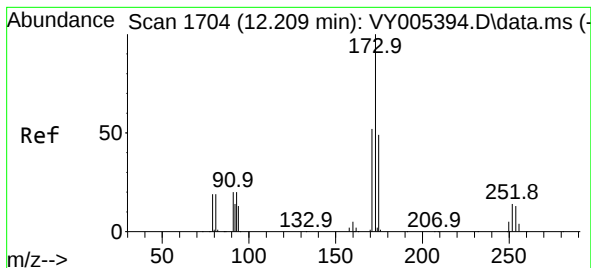
Tgt Ion:106 Resp: 324696  
Ion Ratio Lower Upper  
106 100  
91 204.8 102.4 307.2



#70  
Styrene  
Concen: 50.589 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion:104 Resp: 555401  
Ion Ratio Lower Upper  
104 100  
78 46.4 37.0 55.4  
103 54.7 43.6 65.4





#71

Bromoform

Concen: 50.209 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

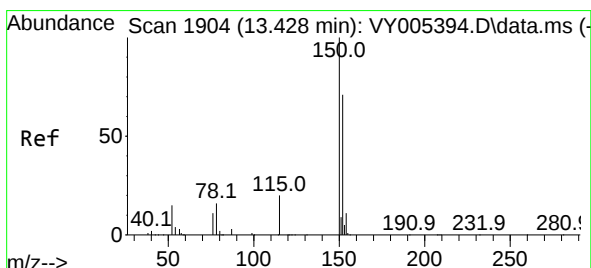
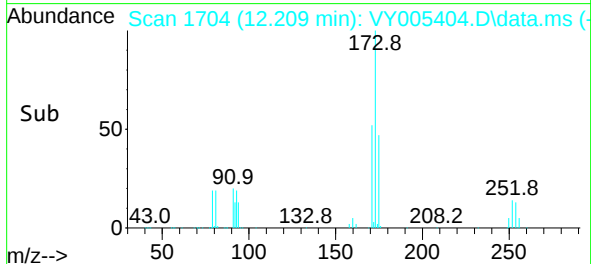
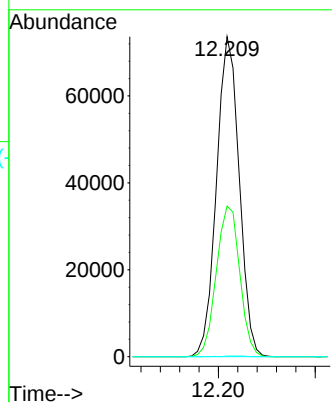
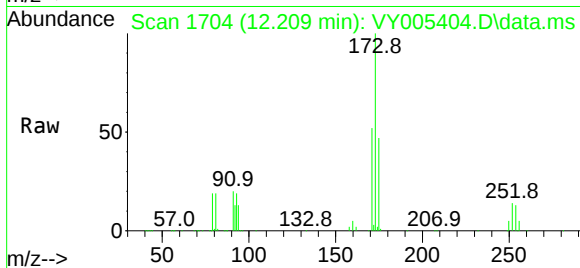
Tgt Ion:173 Resp: 119897

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

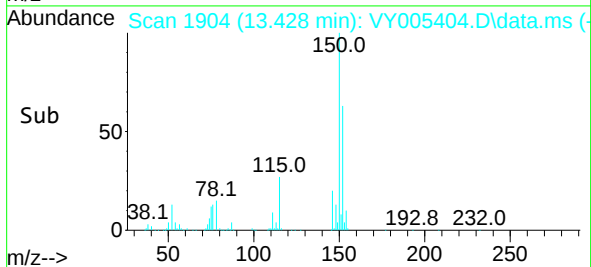
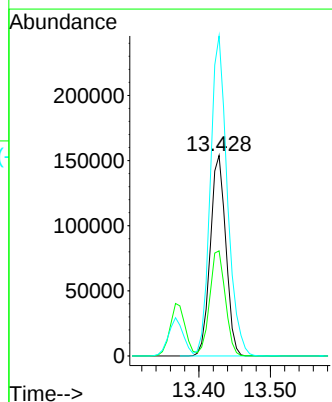
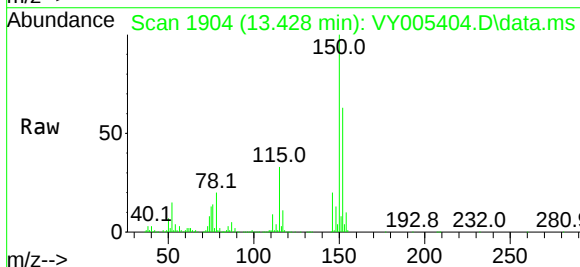
Tgt Ion:152 Resp: 231878

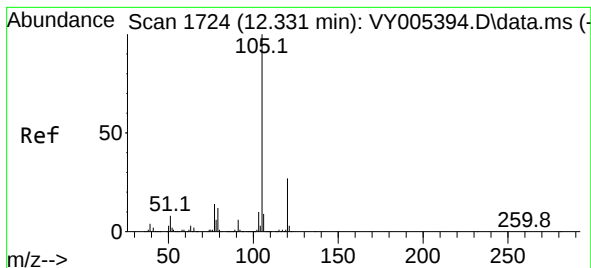
Ion Ratio Lower Upper

152 100

115 52.8 26.8 80.3

150 174.8 0.0 349.8





#73

Isopropylbenzene

Concen: 49.210 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY005404.D

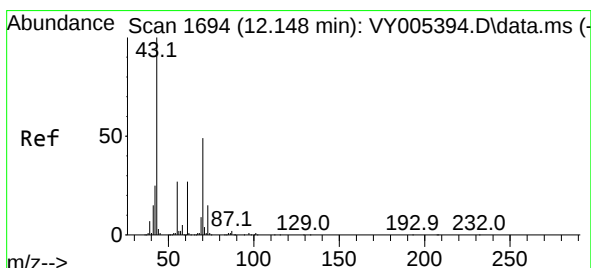
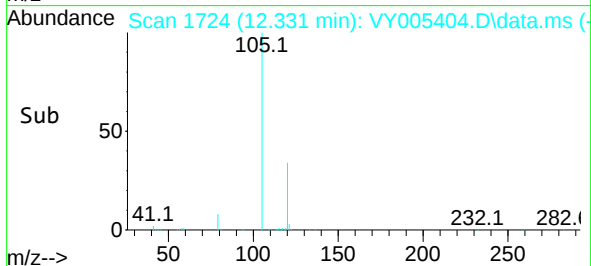
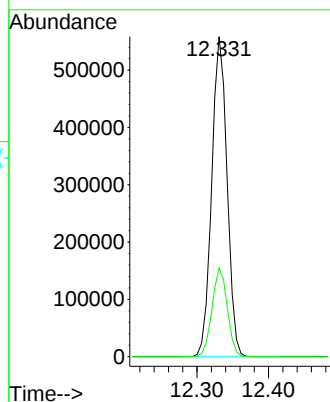
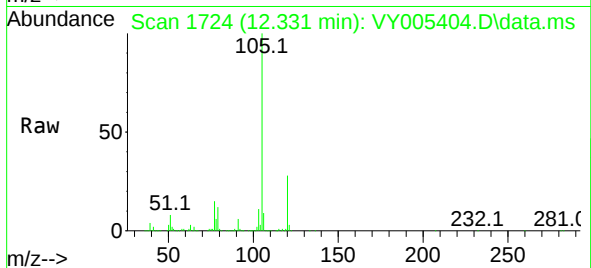
Acq: 09 Jul 2021 17:34

Tgt Ion:105 Resp: 830393

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.0



#74

N-ethyl acetate

Concen: 51.292 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY005404.D

Acq: 09 Jul 2021 17:34

Tgt Ion: 43 Resp: 205093

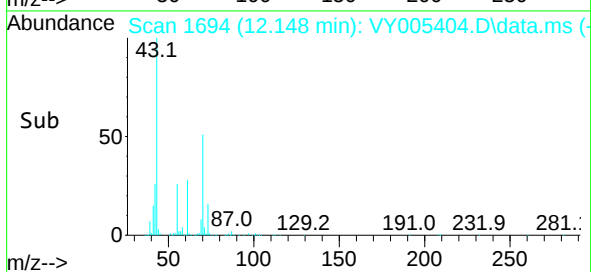
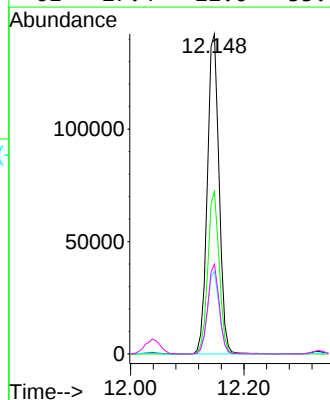
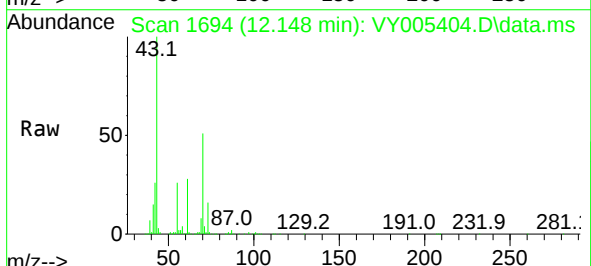
Ion Ratio Lower Upper

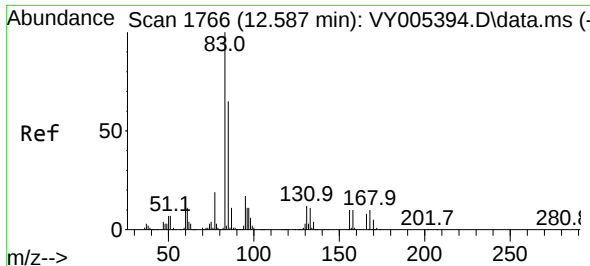
43 100

70 49.5 39.8 59.8

55 25.7 21.2 31.8

61 27.4 22.0 33.0

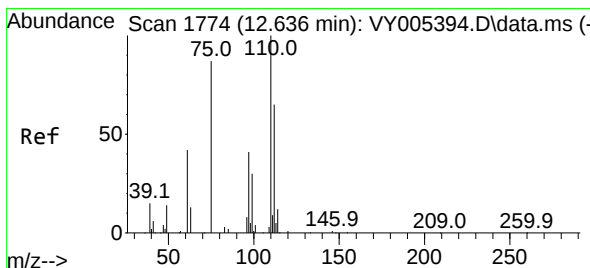
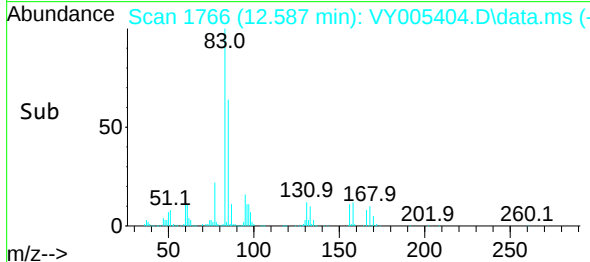
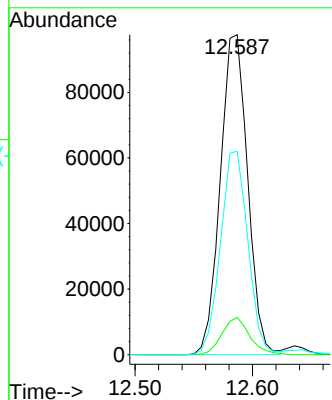
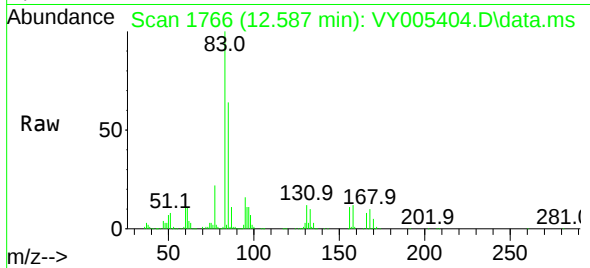




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.392 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

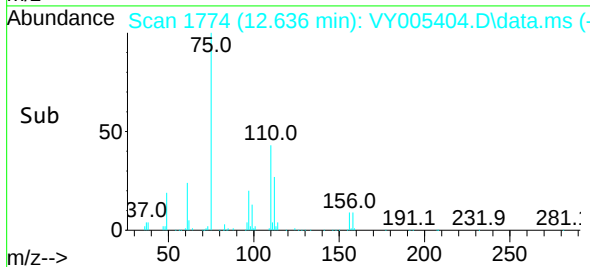
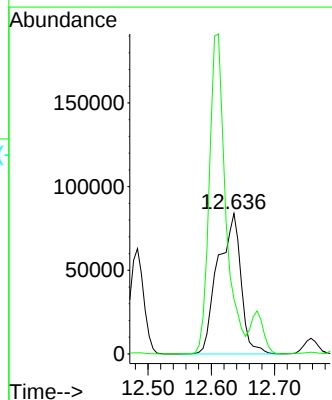
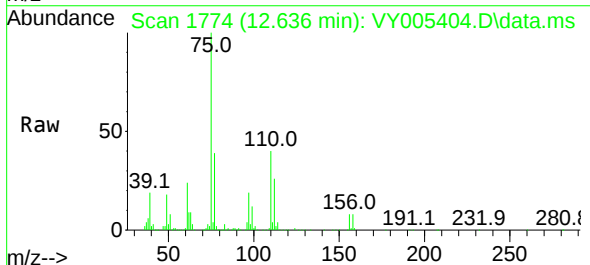
Instrument :  
MSVOA\_Y  
ClientSampleId :

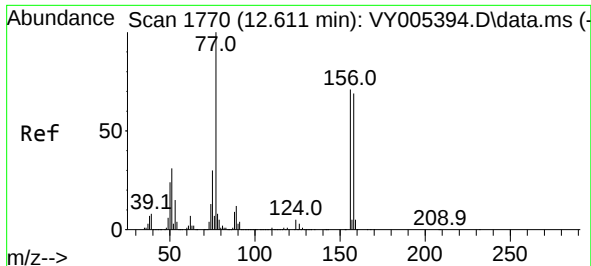
Tgt Ion: 83 Resp: 157808  
Ion Ratio Lower Upper  
83 100  
131 11.8 5.9 17.7  
85 63.9 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 94.810 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 75 Resp: 212620  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

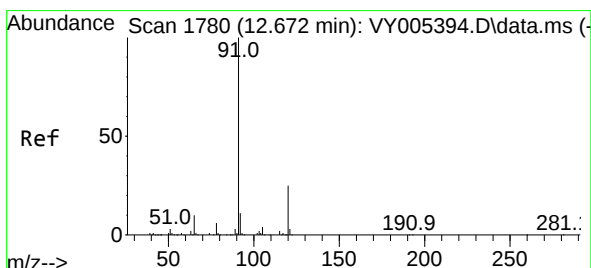
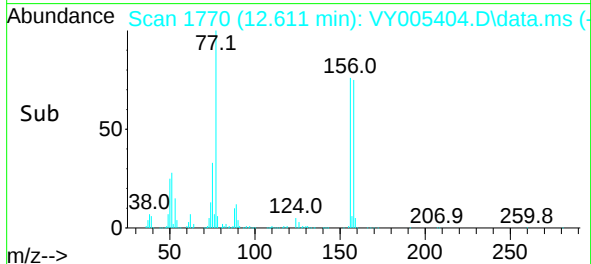
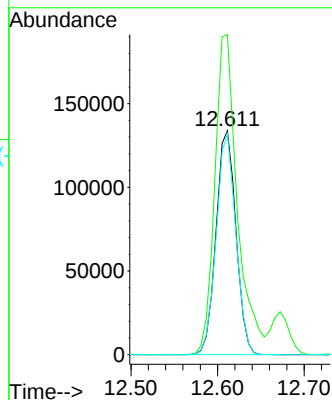
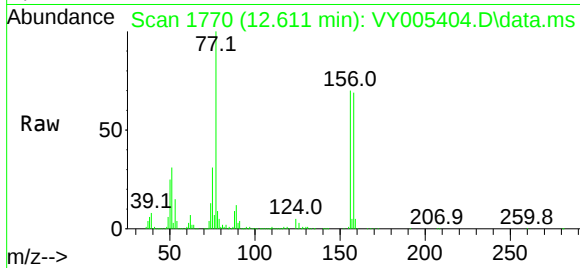




#77  
Bromobenzene  
Concen: 50.078 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

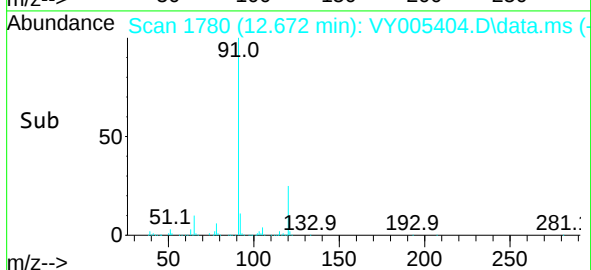
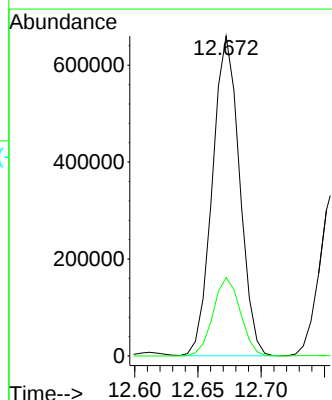
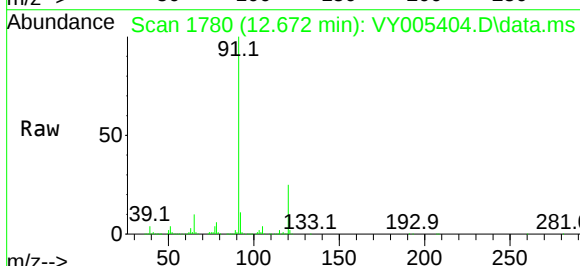
Instrument :  
MSVOA\_Y  
ClientSampleId :

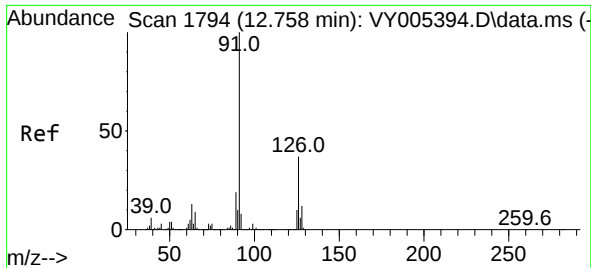
Tgt Ion:156 Resp: 213196  
Ion Ratio Lower Upper  
156 100  
77 162.6 80.7 242.1  
158 97.1 48.9 146.8



#78  
n-propylbenzene  
Concen: 49.533 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 91 Resp: 983795  
Ion Ratio Lower Upper  
91 100  
120 24.6 12.3 36.9

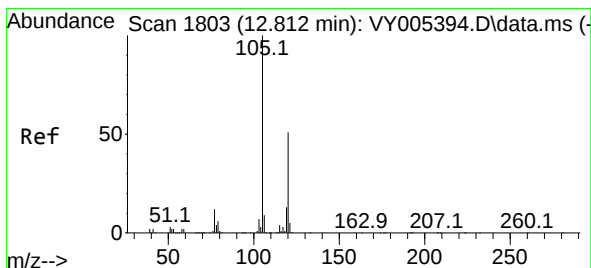
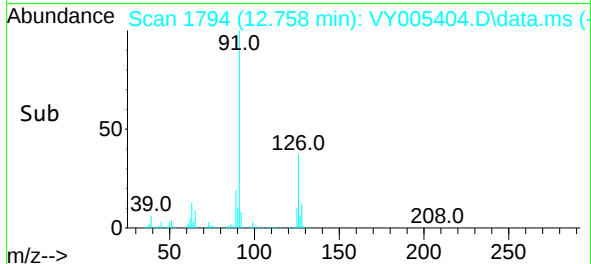
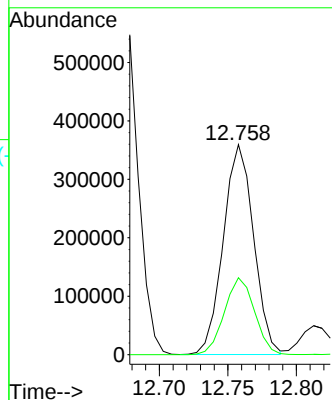
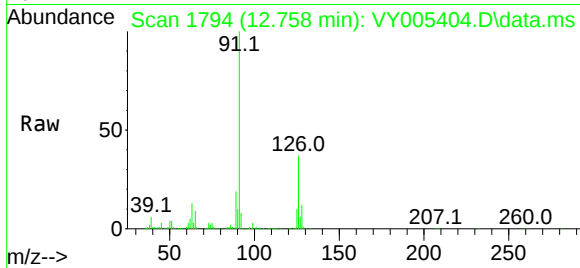




#79  
2-Chlorotoluene  
Concen: 49.643 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

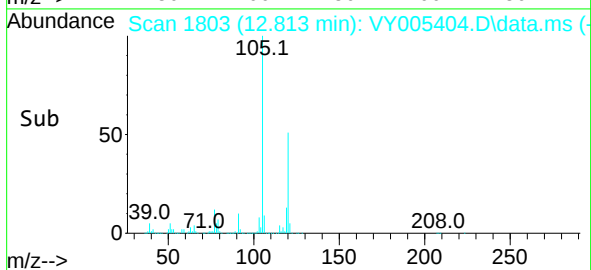
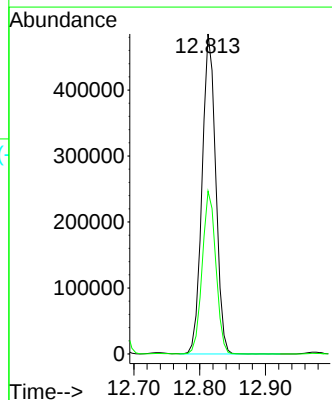
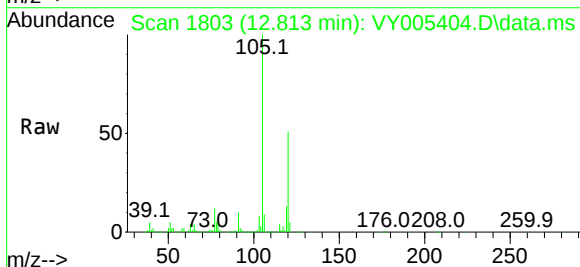
Instrument :  
MSVOA\_Y  
ClientSampled :

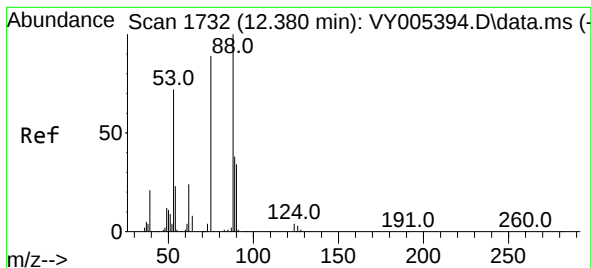
Tgt Ion: 91 Resp: 554059  
Ion Ratio Lower Upper  
91 100  
126 36.4 18.4 55.0



#80  
1,3,5-Trimethylbenzene  
Concen: 49.676 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 105 Resp: 699276  
Ion Ratio Lower Upper  
105 100  
120 50.8 25.4 76.4

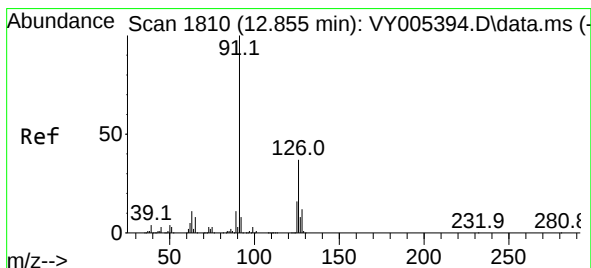
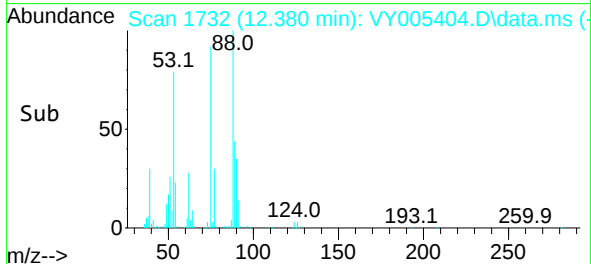
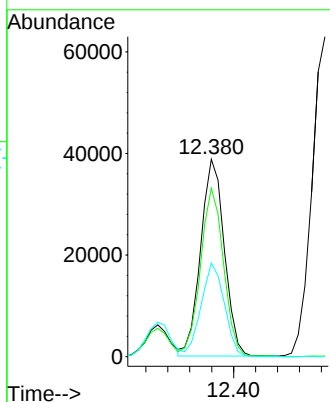
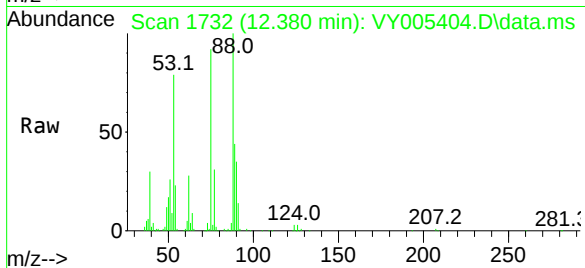




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.080 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

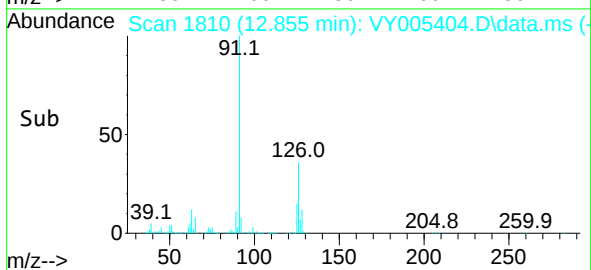
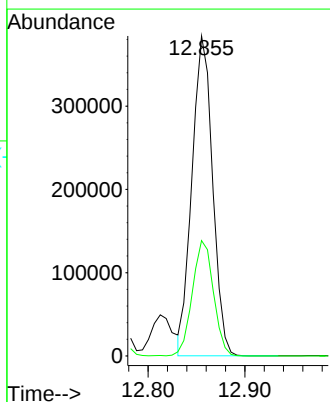
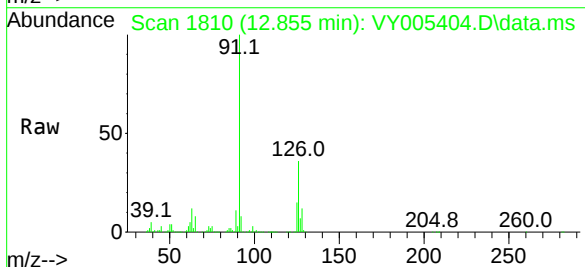
Instrument :  
MSVOA\_Y  
ClientSampleId :

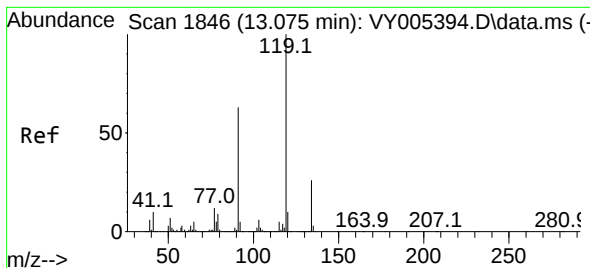
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 57999 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 84.0  | 66.2  | 99.2  |
| 89       | 46.4  | 37.2  | 55.8  |



#82  
4-Chlorotoluene  
Concen: 49.062 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 569155 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 37.0  | 18.4  | 55.0   |

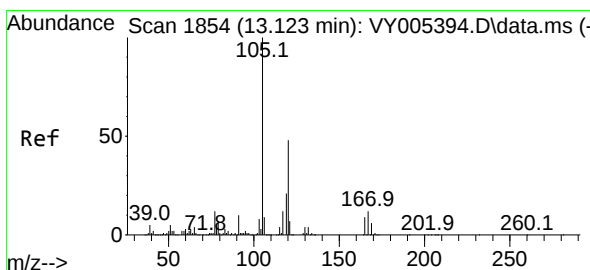
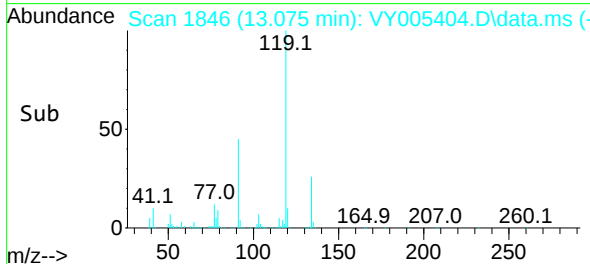
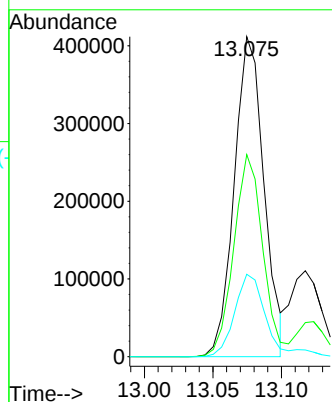
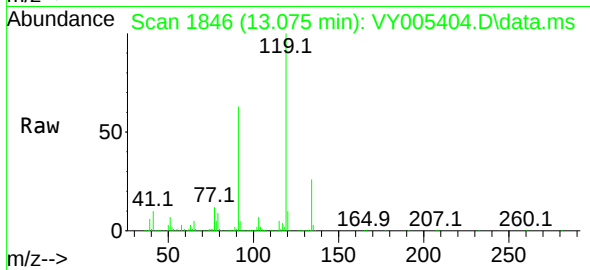




#83  
tert-Butylbenzene  
Concen: 49.656 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

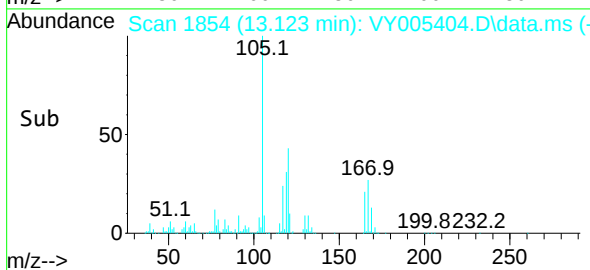
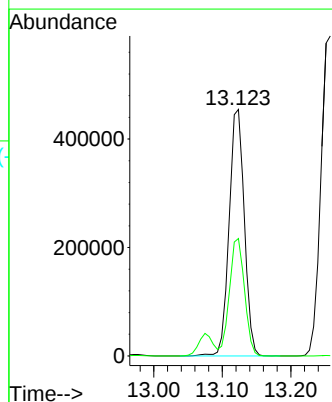
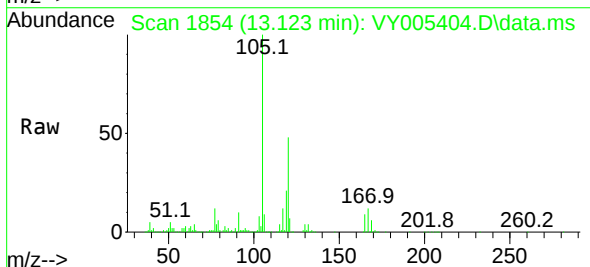
Instrument :  
MSVOA\_Y  
ClientSampled :

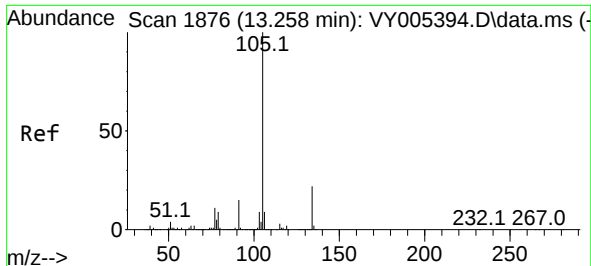
Tgt Ion:119 Resp: 621434  
Ion Ratio Lower Upper  
119 100  
91 62.0 31.1 93.2  
134 27.4 13.8 41.4



#84  
1,2,4-Trimethylbenzene  
Concen: 49.791 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion:105 Resp: 700323  
Ion Ratio Lower Upper  
105 100  
120 47.4 23.6 71.0

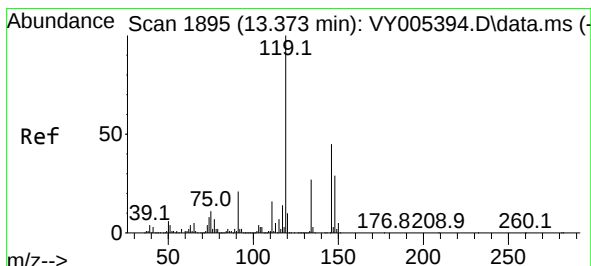
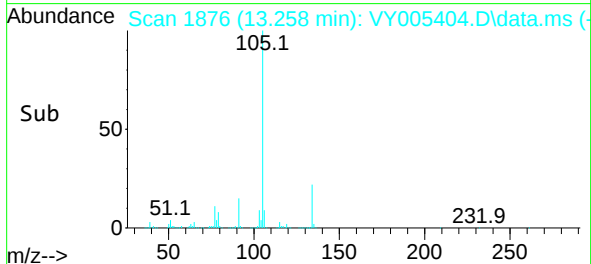
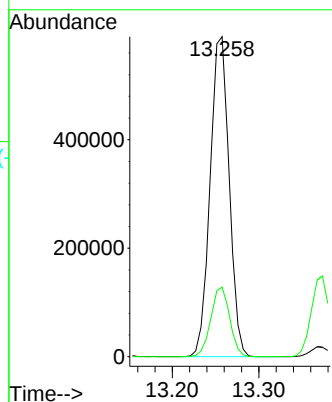
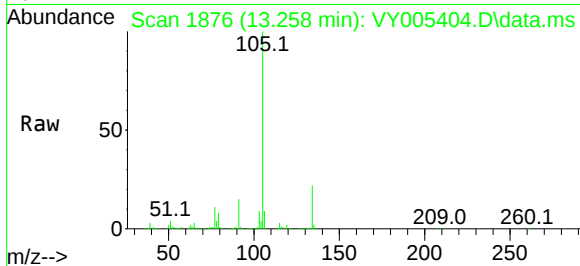




#85  
 sec-Butylbenzene  
 Concen: 49.291 ug/l  
 RT: 13.258 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY005404.D  
 Acq: 09 Jul 2021 17:34

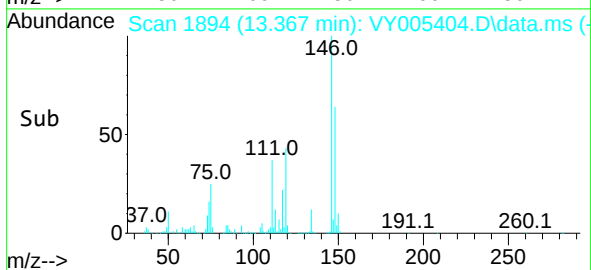
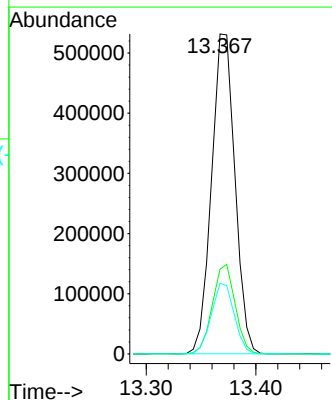
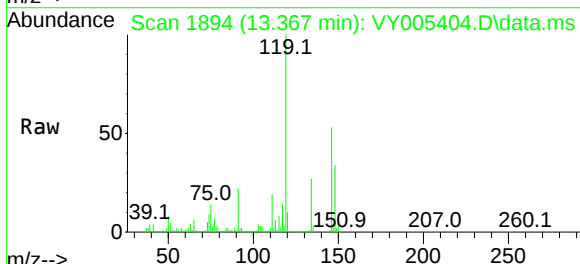
Instrument :  
 MSVOA\_Y  
 ClientSampled :

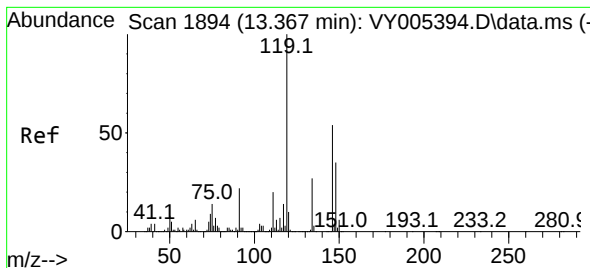
Tgt Ion:105 Resp: 901364  
 Ion Ratio Lower Upper  
 105 100  
 134 21.5 10.9 32.6



#86  
 p-Isopropyltoluene  
 Concen: 49.670 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.006 min  
 Lab File: VY005404.D  
 Acq: 09 Jul 2021 17:34

Tgt Ion:119 Resp: 788652  
 Ion Ratio Lower Upper  
 119 100  
 134 27.2 13.6 40.8  
 91 21.8 10.9 32.6



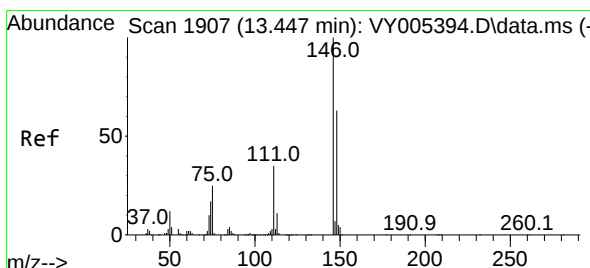
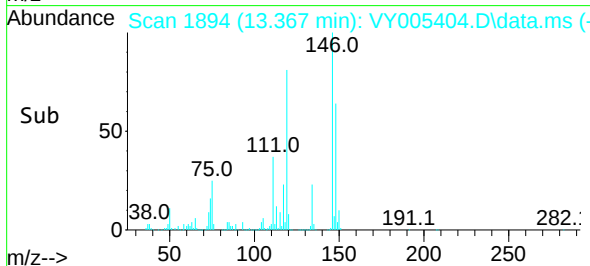
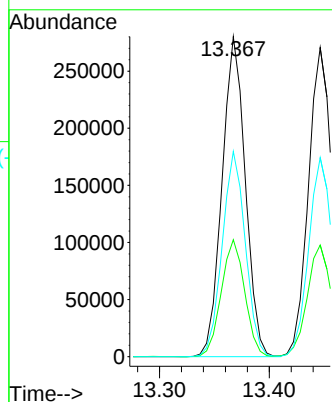
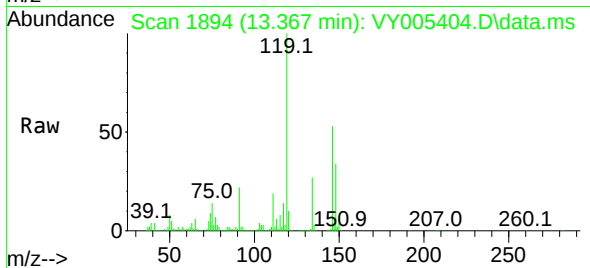


#87

1,3-Dichlorobenzene  
Concen: 48.895 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Instrument :  
MSVOA\_Y  
ClientSampleId :

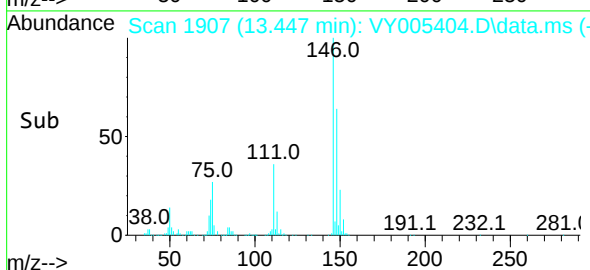
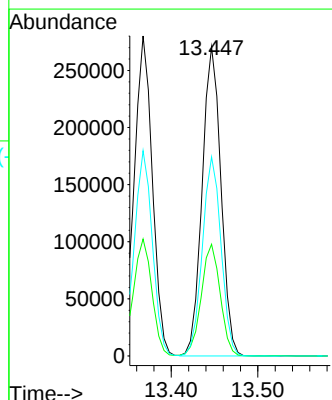
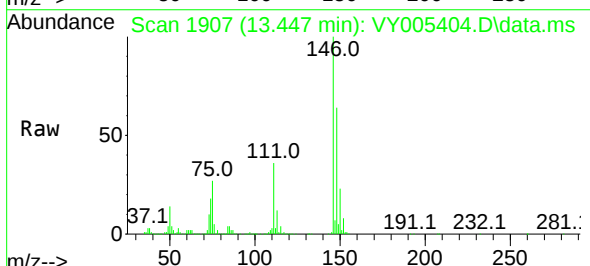
Tgt Ion:146 Resp: 412681  
Ion Ratio Lower Upper  
146 100  
111 36.9 18.4 55.0  
148 63.8 32.0 96.0

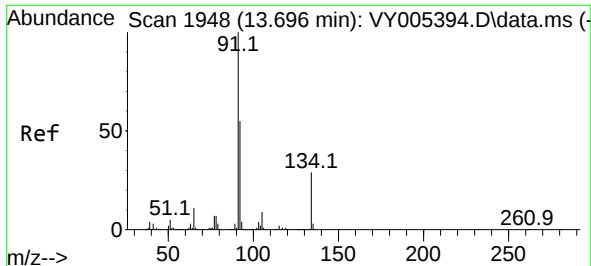


#88

1,4-Dichlorobenzene  
Concen: 48.963 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion:146 Resp: 408480  
Ion Ratio Lower Upper  
146 100  
111 36.3 17.9 53.8  
148 64.0 32.1 96.5

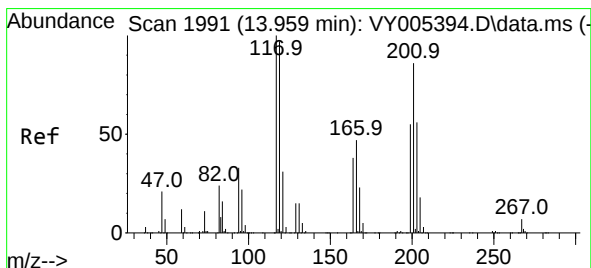
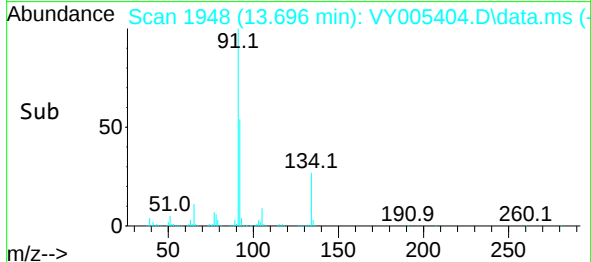
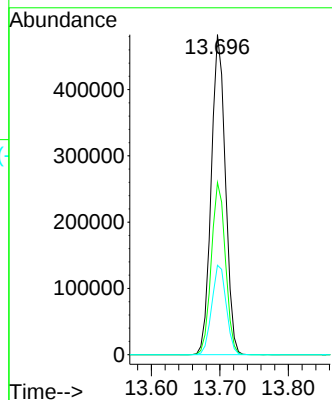
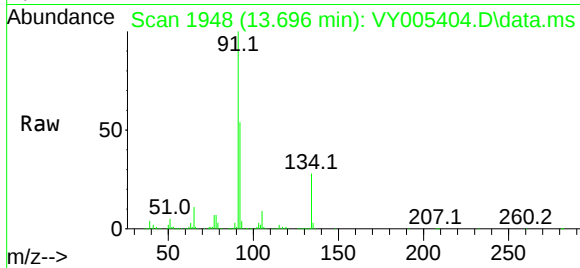




#89  
n-Butylbenzene  
Concen: 49.194 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

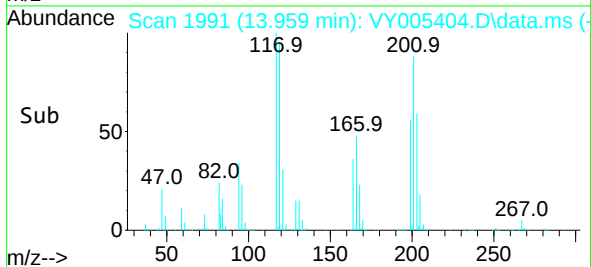
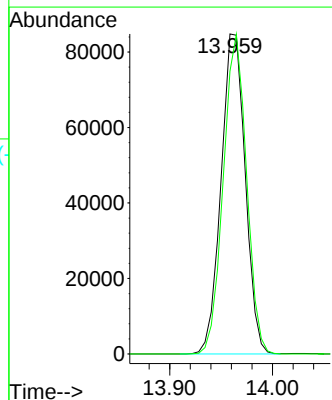
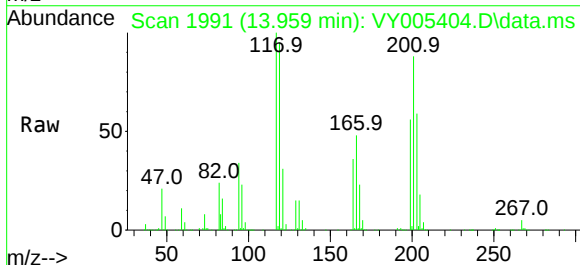
Instrument :  
MSVOA\_Y  
ClientSampled :

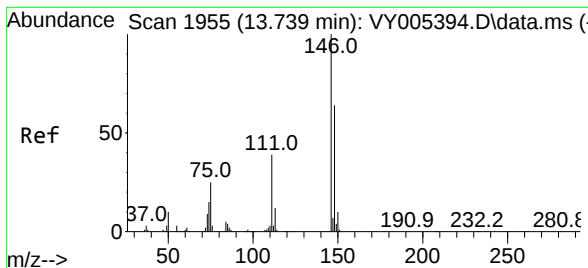
Tgt Ion: 91 Resp: 692294  
Ion Ratio Lower Upper  
91 100  
92 53.7 27.2 81.5  
134 28.6 14.5 43.5



#90  
Hexachloroethane  
Concen: 48.735 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 117 Resp: 138529  
Ion Ratio Lower Upper  
117 100  
201 95.8 47.6 142.9

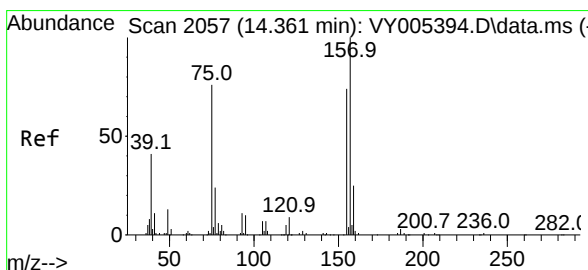
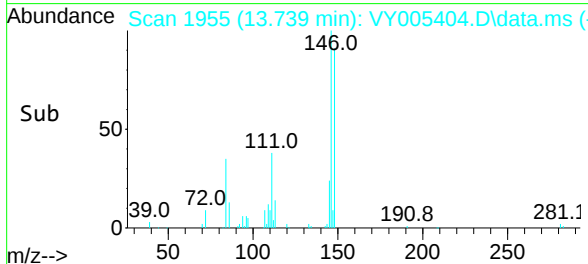
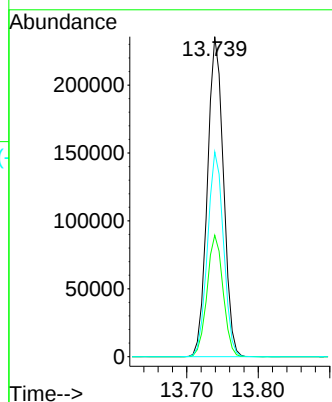
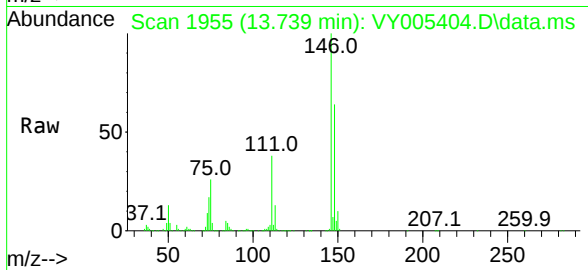




#91  
1,2-Dichlorobenzene  
Concen: 49.148 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

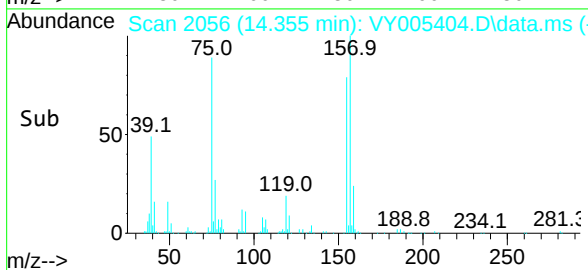
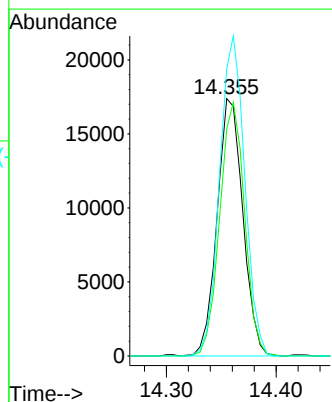
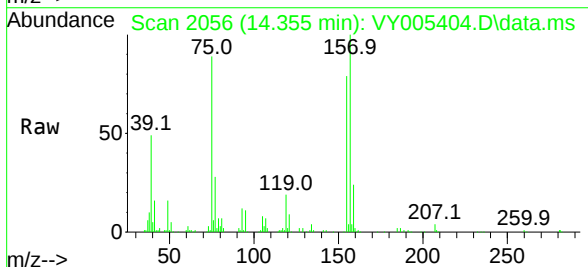
Instrument :  
MSVOA\_Y  
ClientSampleId :

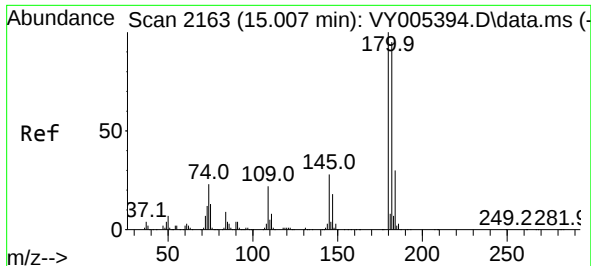
Tgt Ion:146 Resp: 366686  
Ion Ratio Lower Upper  
146 100  
111 38.0 19.0 57.0  
148 63.8 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.908 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion: 75 Resp: 28377  
Ion Ratio Lower Upper  
75 100  
155 95.1 48.1 144.3  
157 121.1 61.8 185.4

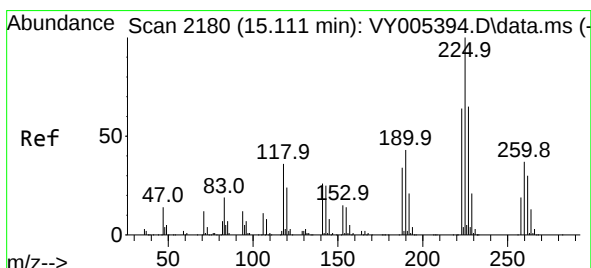
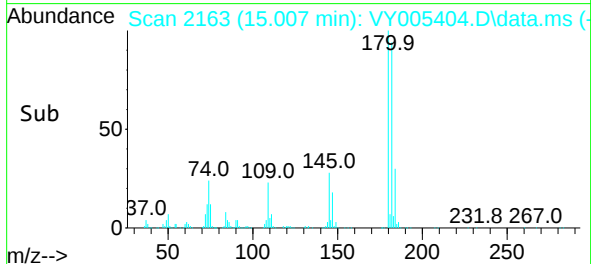
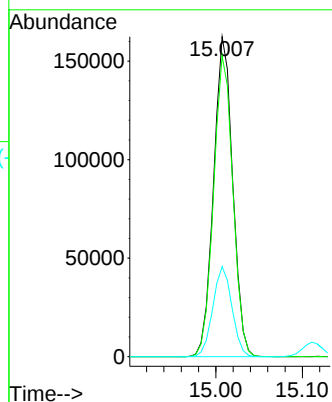
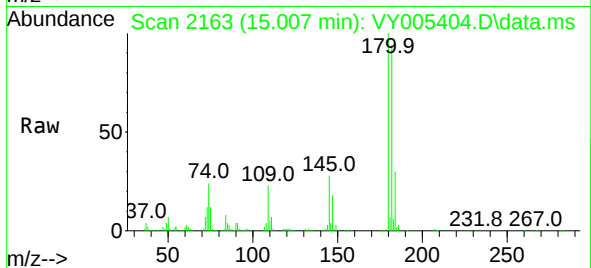




#93  
1,2,4-Trichlorobenzene  
Concen: 48.627 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

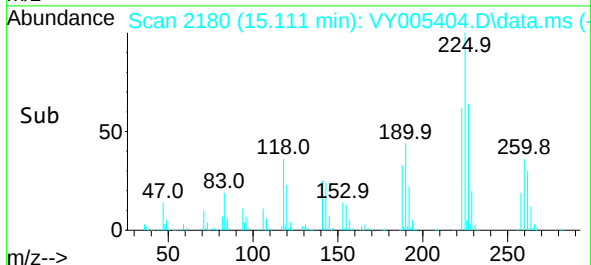
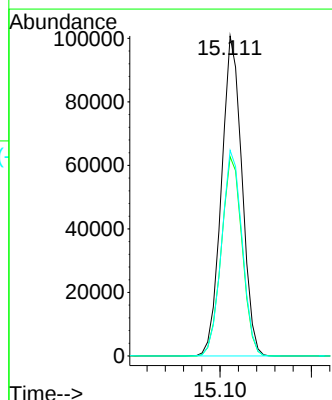
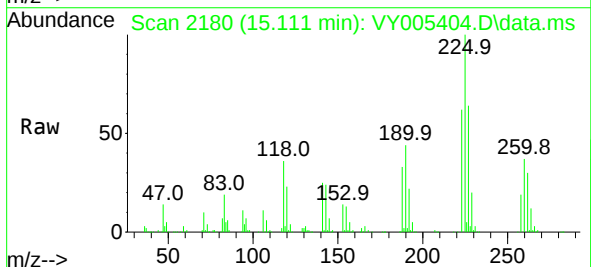
Instrument :  
MSVOA\_Y  
ClientSampleId :

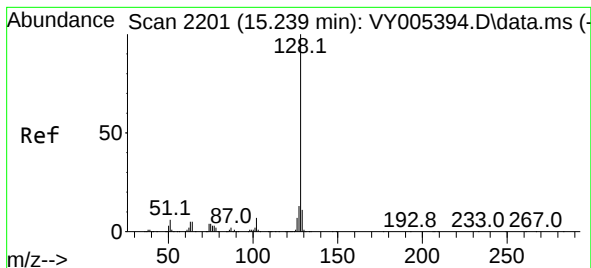
Tgt Ion:180 Resp: 248878  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.9 143.7  
145 28.1 13.9 41.7



#94  
Hexachlorobutadiene  
Concen: 49.058 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion:225 Resp: 156829  
Ion Ratio Lower Upper  
225 100  
223 63.1 31.4 94.2  
227 64.6 32.4 97.2

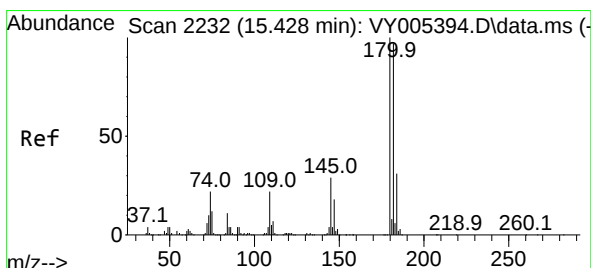
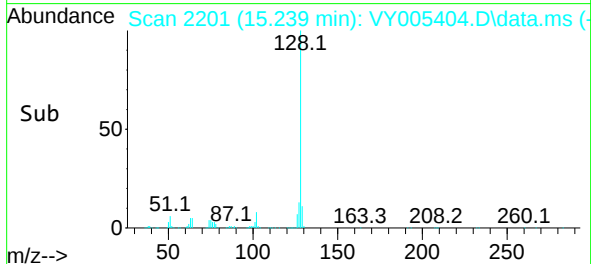
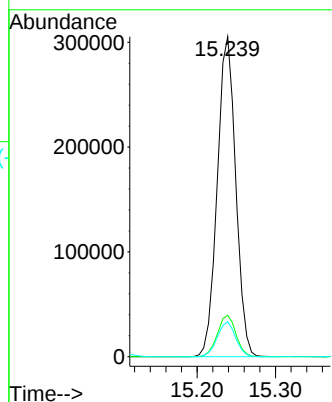
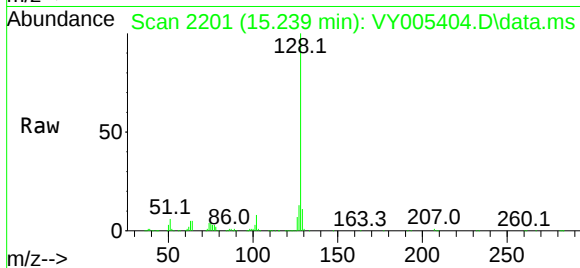




#95  
Naphthalene  
Concen: 49.610 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:128 Resp: 500832  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.4 15.6  
129 10.8 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 48.615 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY005404.D  
Acq: 09 Jul 2021 17:34

Tgt Ion:180 Resp: 219811  
Ion Ratio Lower Upper  
180 100  
182 96.3 47.9 143.7  
145 29.2 14.6 44.0

