

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082521\  
 Data File : VY005847.D  
 Acq On : 25 Aug 2021 17:57  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Aug 26 03:38:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|-------|----------|
| -----                        |           |       |          |          |       |          |
| Internal Standards           |           |       |          |          |       |          |
| 1) Pentafluorobenzene        | 7.801     | 168   | 168609   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697     | 114   | 258662   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.496    | 117   | 243874   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428    | 152   | 129821   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.149     | 65    | 96334    | 56.443   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 50 - 163 | Recovery | =     | 112.880% |
| 35) Dibromofluoromethane     | 7.728     | 113   | 79403    | 54.829   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 54 - 147 | Recovery | =     | 109.660% |
| 50) Toluene-d8               | 10.185    | 98    | 311569   | 51.299   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 49 - 140 | Recovery | =     | 102.600% |
| 62) 4-Bromofluorobenzene     | 12.483    | 95    | 108596   | 53.994   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 25 - 144 | Recovery | =     | 107.980% |
| Target Compounds             |           |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.912     | 85    | 62778    | 45.332   | ug/l  | 99       |
| 3) Chloromethane             | 2.119     | 50    | 81826    | 49.465   | ug/l  | 99       |
| 4) Vinyl Chloride            | 2.260     | 62    | 106281   | 53.639   | ug/l  | 98       |
| 5) Bromomethane              | 2.650     | 94    | 82932    | 63.588   | ug/l  | 99       |
| 6) Chloroethane              | 2.802     | 64    | 74537    | 62.321   | ug/l  | 95       |
| 7) Trichlorofluoromethane    | 3.131     | 101   | 148842   | 56.106   | ug/l  | 100      |
| 8) Diethyl Ether             | 3.534     | 74    | 58796    | 63.456   | ug/l  | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 3.912     | 101   | 85009    | 59.076   | ug/l  | 99       |
| 10) Methyl Iodide            | 4.101     | 142   | 82891    | 46.237   | ug/l  | 99       |
| 11) Tert butyl alcohol       | 4.966     | 59    | 57345    | 339.876  | ug/l  | 100      |
| 12) 1,1-Dichloroethene       | 3.881     | 96    | 84033    | 57.831   | ug/l  | 97       |
| 13) Acrolein                 | 3.735     | 56    | 26648    | 261.774  | ug/l  | 99       |
| 14) Allyl chloride           | 4.491     | 41    | 156147   | 61.354   | ug/l  | 99       |
| 15) Acrylonitrile            | 5.174     | 53    | 168098   | 353.999  | ug/l  | 99       |
| 16) Acetone                  | 3.954     | 43    | 134444   | 312.434  | ug/l  | 100      |
| 17) Carbon Disulfide         | 4.204     | 76    | 226076   | 50.472   | ug/l  | 100      |
| 18) Methyl Acetate           | 4.491     | 43    | 78905    | 70.111   | ug/l  | 100      |
| 19) Methyl tert-butyl Ether  | 5.222     | 73    | 276291   | 61.378   | ug/l  | 99       |
| 20) Methylene Chloride       | 4.729     | 84    | 117155   | 71.268   | ug/l  | 96       |
| 21) trans-1,2-Dichloroethene | 5.229     | 96    | 89085    | 54.836   | ug/l  | 98       |
| 22) Diisopropyl ether        | 6.131     | 45    | 302729   | 57.658   | ug/l  | 98       |
| 23) Vinyl Acetate            | 6.070     | 43    | 1026316  | 293.724  | ug/l  | 100      |
| 24) 1,1-Dichloroethane       | 6.033     | 63    | 164404   | 56.502   | ug/l  | 99       |
| 25) 2-Butanone               | 6.997     | 43    | 189459   | 297.851  | ug/l  | 99       |
| 26) 2,2-Dichloropropane      | 6.990     | 77    | 136980   | 51.526   | ug/l  | 100      |
| 27) cis-1,2-Dichloroethene   | 6.997     | 96    | 101805   | 55.099   | ug/l  | 99       |
| 28) Bromochloromethane       | 7.344     | 49    | 62092    | 53.466   | ug/l  | 98       |
| 29) Tetrahydrofuran          | 7.356     | 42    | 128513   | 305.461  | ug/l  | 99       |
| 30) Chloroform               | 7.515     | 83    | 170331   | 57.353   | ug/l  | 96       |
| 31) Cyclohexane              | 7.789     | 56    | 132904   | 45.398   | ug/l  | 99       |
| 32) 1,1,1-Trichloroethane    | 7.710     | 97    | 151861   | 55.626   | ug/l  | 99       |
| 36) 1,1-Dichloropropene      | 7.923     | 75    | 121092   | 49.913   | ug/l  | 98       |
| 37) Ethyl Acetate            | 7.082     | 43    | 85040    | 57.860   | ug/l  | 99       |
| 38) Carbon Tetrachloride     | 7.905     | 117   | 136867   | 51.907   | ug/l  | 97       |
| 39) Methylcyclohexane        | 9.185     | 83    | 142226   | 46.079   | ug/l  | 98       |
| 40) Benzene                  | 8.167     | 78    | 362085   | 52.118   | ug/l  | 99       |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Aug 26 03:38:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.356  | 41   | 121739   | 152.659  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 126232   | 56.016   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 159612   | 57.361   | ug/l   | 98       |
| 44) Trichloroethene           | 8.947  | 130  | 98317    | 51.851   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 96029    | 55.250   | ug/l   | 99       |
| 46) Dibromomethane            | 9.313  | 93   | 53980    | 56.169   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.502  | 83   | 136111   | 56.590   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.295  | 41   | 74149    | 58.963   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 15657    | 1172.257 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 452676   | 308.910  | ug/l   | 99       |
| 52) Toluene                   | 10.246 | 92   | 234076   | 52.840   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 146518   | 54.509   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 157094   | 53.852   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 79857    | 57.430   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 119640   | 57.461   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 139144   | 56.746   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 330441   | 332.142  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 319797   | 308.764  | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.990 | 129  | 97794    | 56.829   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 73812    | 56.038   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 98351    | 52.982   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 258234   | 52.620   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 101370   | 54.881   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 458693   | 51.545   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 354829   | 102.659  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 174759   | 52.606   | ug/l   | 98       |
| 70) Styrene                   | 12.044 | 104  | 299755   | 53.606   | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 69410    | 57.947   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 455550   | 50.271   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 148618   | 54.482   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 97104    | 55.712   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 134915   | 100.285  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 114694   | 51.516   | ug/l   | 97       |
| 78) n-propylbenzene           | 12.672 | 91   | 544251   | 50.568   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 309412   | 51.197   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 381685   | 50.753   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 36083    | 54.068   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 318411   | 50.920   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 356014   | 52.757   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 383978   | 51.745   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 498580   | 51.224   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 425226   | 50.885   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 223212   | 51.382   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 221031   | 51.289   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 371985   | 49.135   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.965 | 117  | 80312    | 53.455   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 202621   | 52.804   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 18920    | 57.262   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 134140   | 50.890   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 87443    | 51.235   | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 283621   | 54.584   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 122845   | 52.605   | ug/l   | 99       |

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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Tue Aug 03 04:52:05 2021  
Response via : Initial Calibration

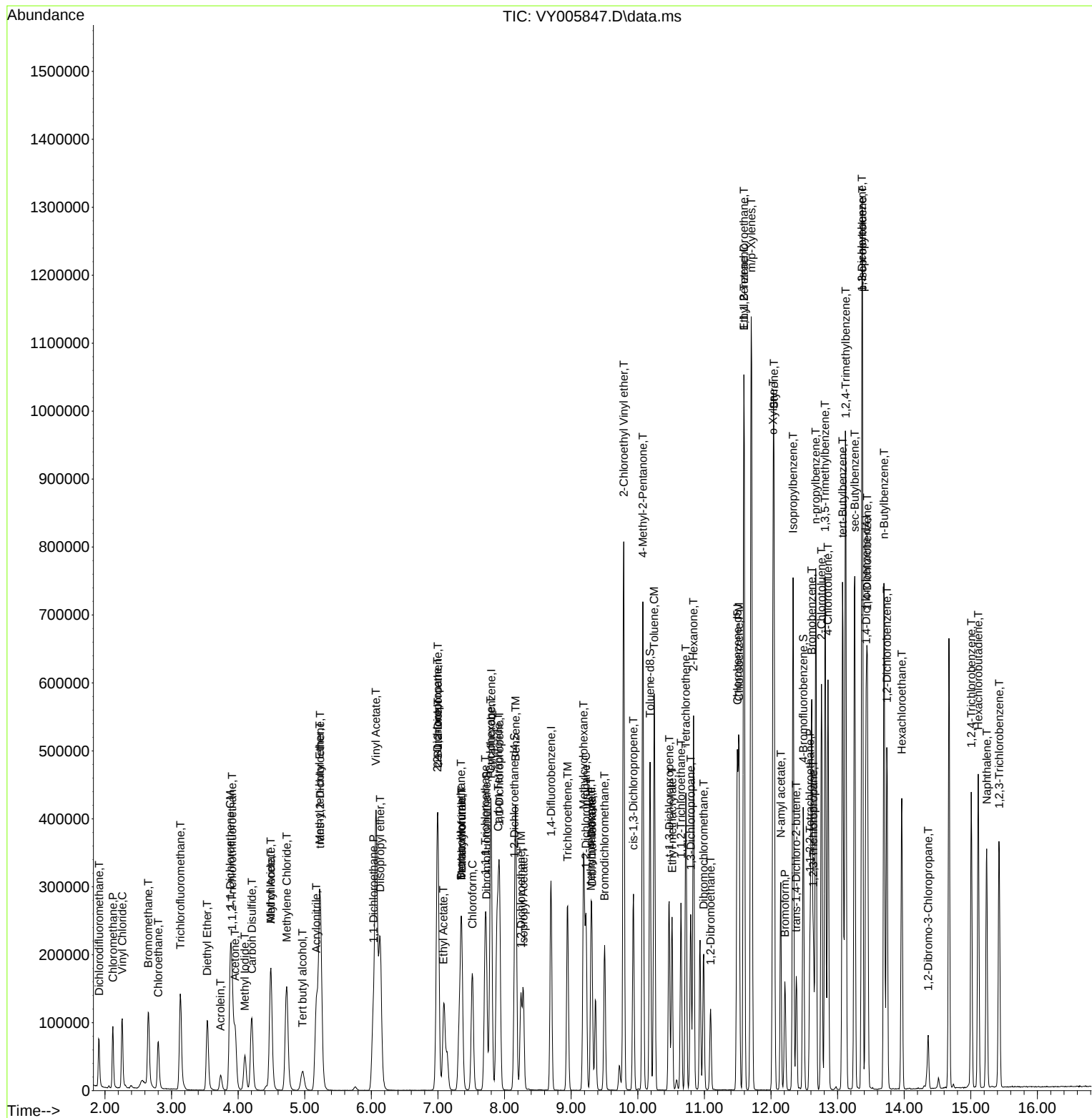
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

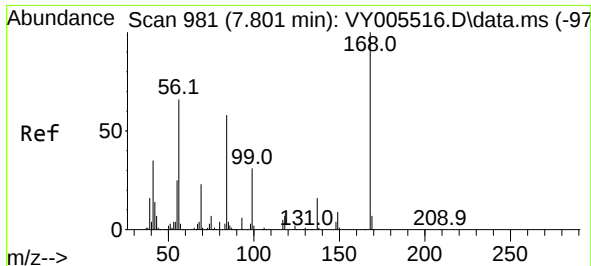
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 ALS Vial : 20 Sample Multiplier: 1

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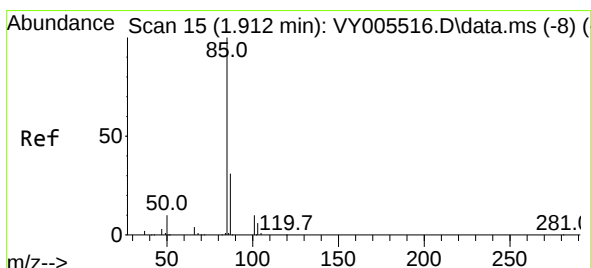
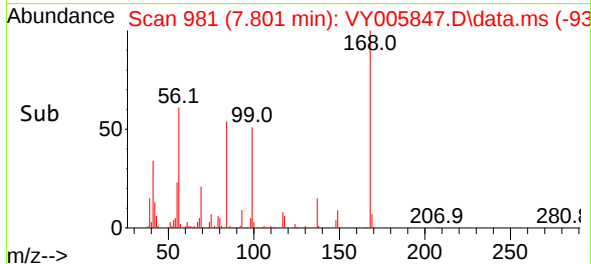
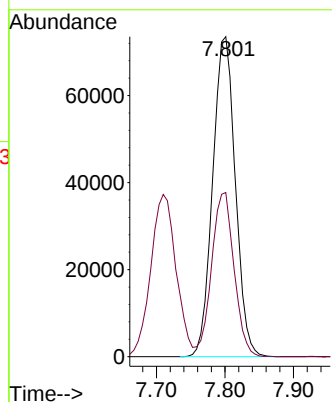
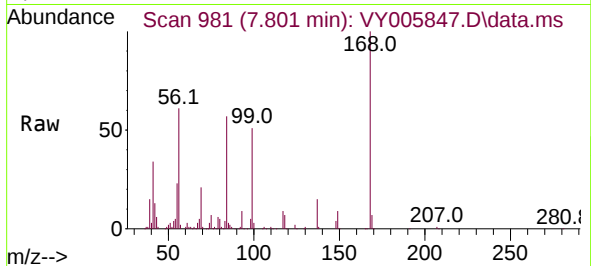




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

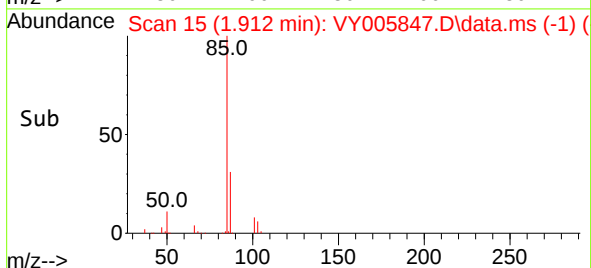
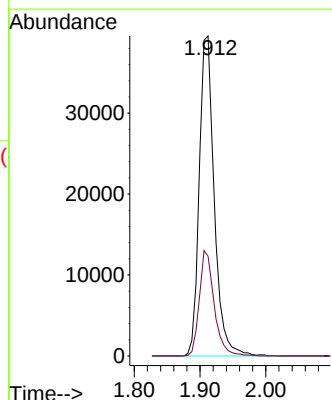
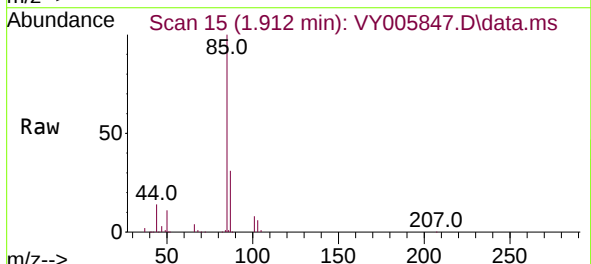
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

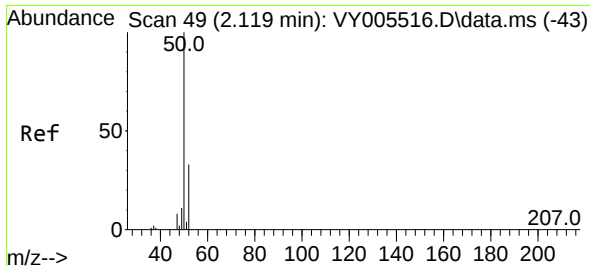
Tgt Ion:168 Resp: 168609  
Ion Ratio Lower Upper  
168 100  
99 51.3 38.9 58.3



#2  
Dichlorodifluoromethane  
Concen: 45.332 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 85 Resp: 62778  
Ion Ratio Lower Upper  
85 100  
87 31.2 15.4 46.2

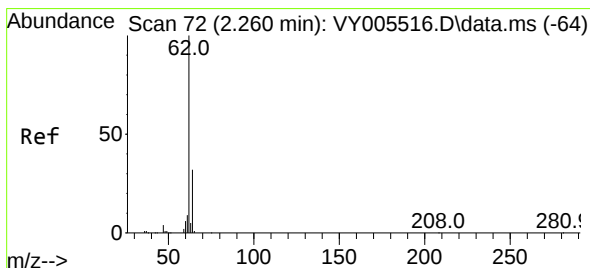
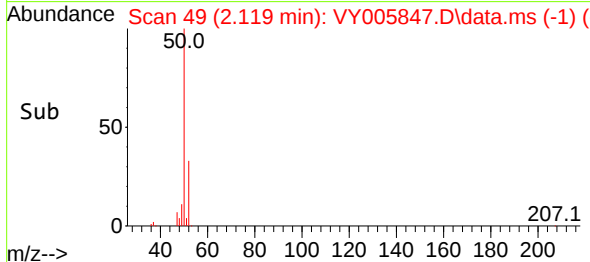
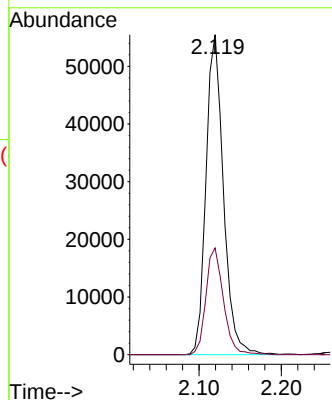
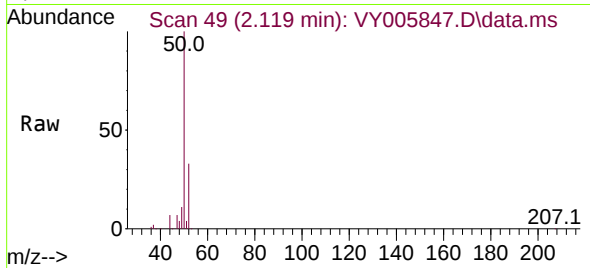




#3  
Chloromethane  
Concen: 49.465 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

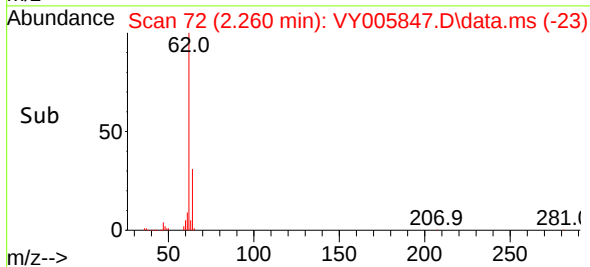
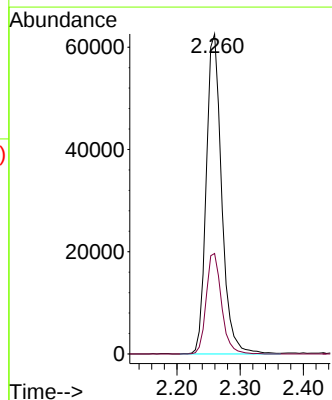
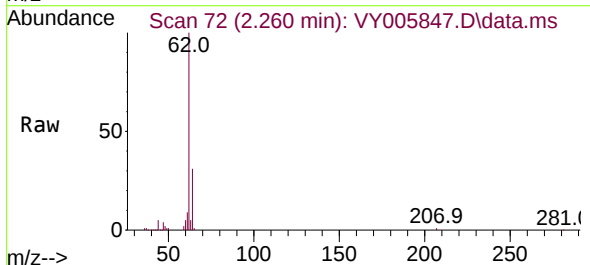
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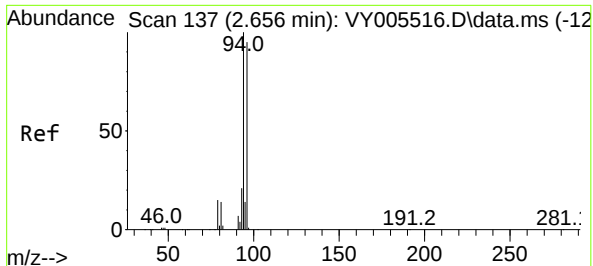
Tgt Ion: 50 Resp: 81826  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.4 39.6



#4  
Vinyl Chloride  
Concen: 53.639 ug/l  
RT: 2.260 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 62 Resp: 106281  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.9 38.9

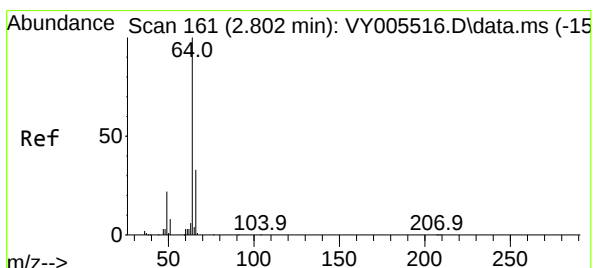
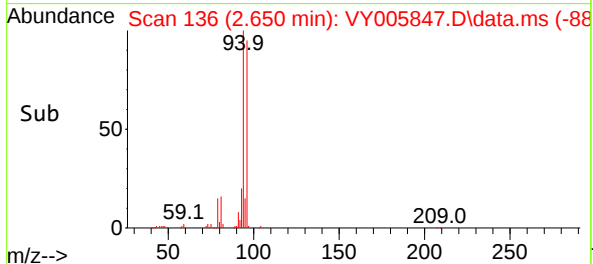
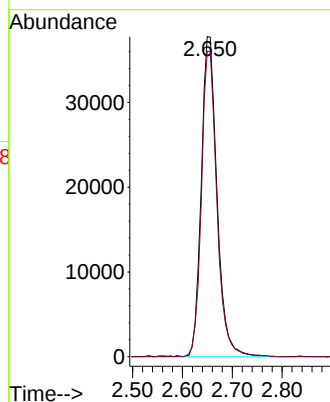
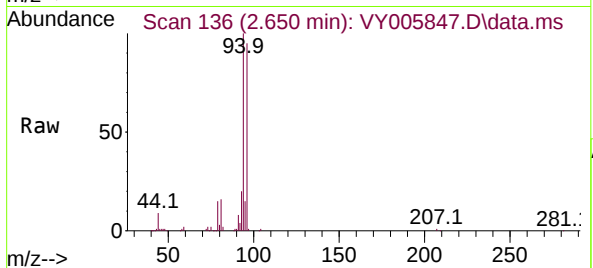




#5  
Bromomethane  
Concen: 63.588 ug/l  
RT: 2.650 min Scan# 136  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

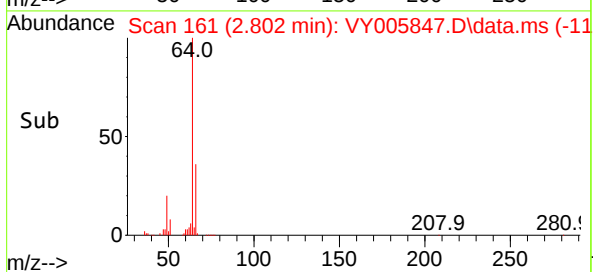
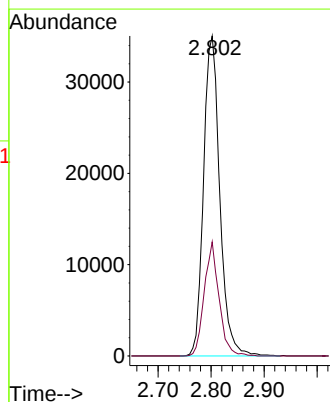
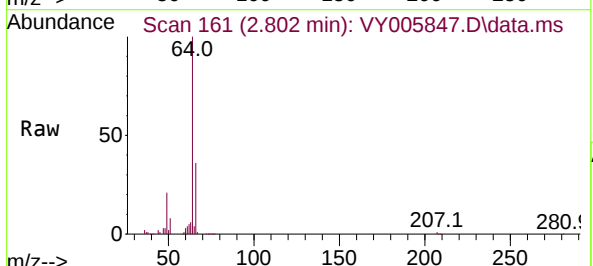
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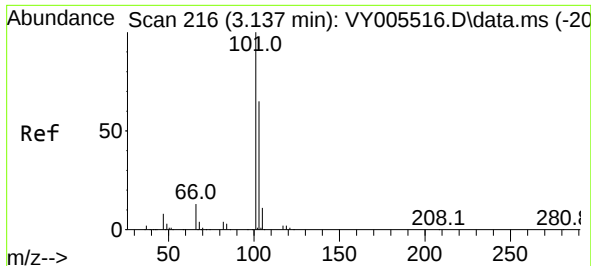
Tgt Ion: 94 Resp: 82932  
Ion Ratio Lower Upper  
94 100  
96 95.3 75.7 113.5



#6  
Chloroethane  
Concen: 62.321 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 64 Resp: 74537  
Ion Ratio Lower Upper  
64 100  
66 35.6 26.1 39.1

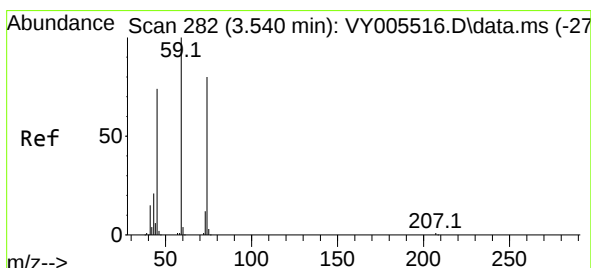
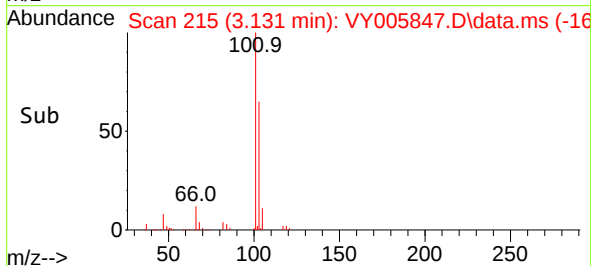
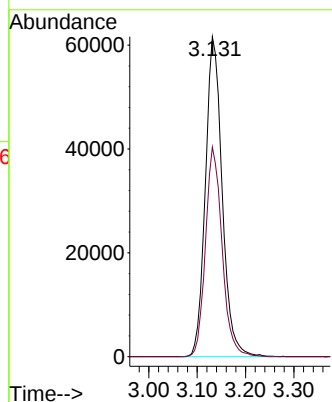
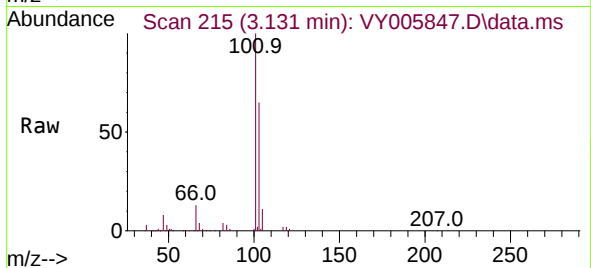




#7  
Trichlorofluoromethane  
Concen: 56.106 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

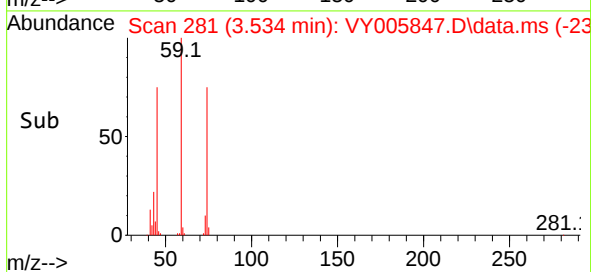
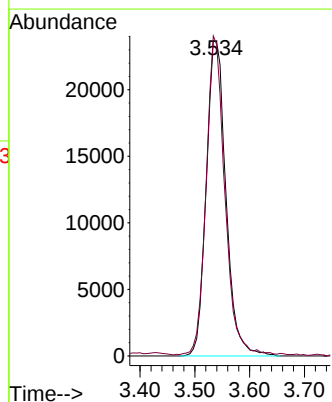
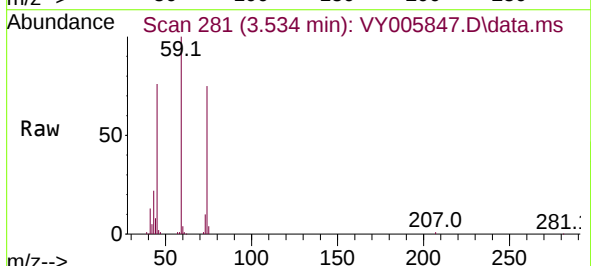
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

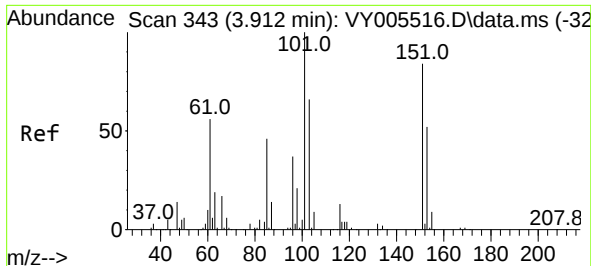
Tgt Ion:101 Resp: 148842  
Ion Ratio Lower Upper  
101 100  
103 65.5 52.2 78.4



#8  
Diethyl Ether  
Concen: 63.456 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 74 Resp: 58796  
Ion Ratio Lower Upper  
74 100  
45 96.3 47.2 141.6

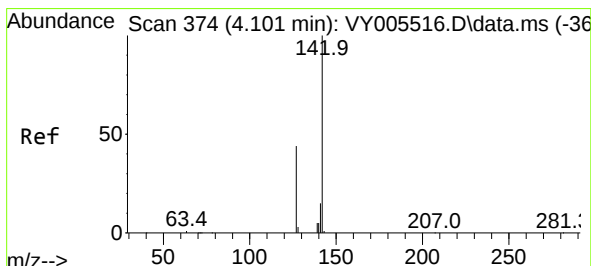
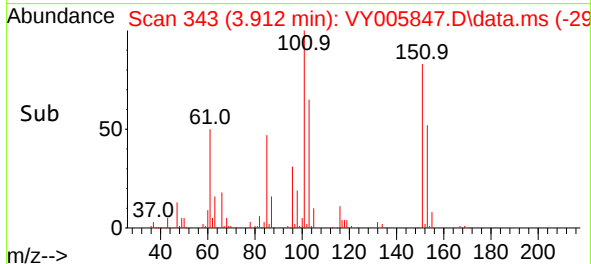
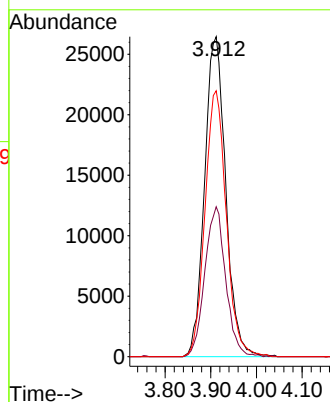
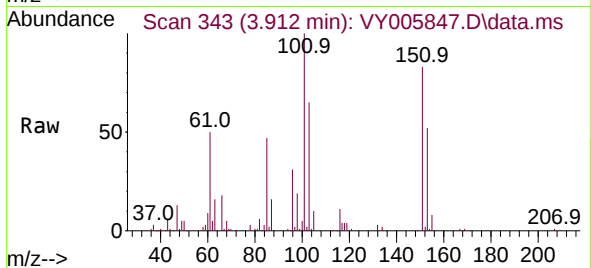




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 59.076 ug/l  
RT: 3.912 min Scan# 343  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

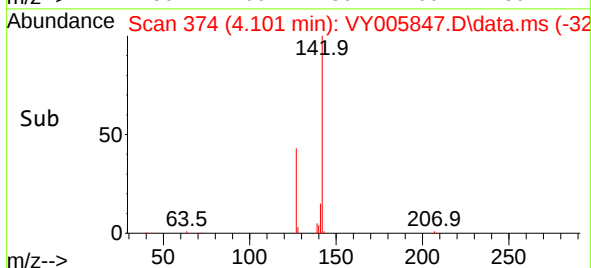
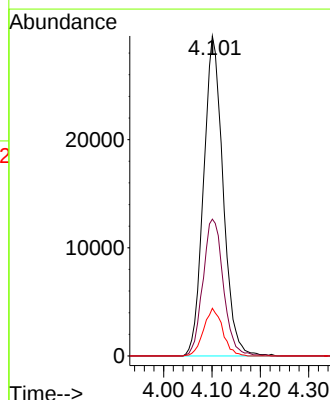
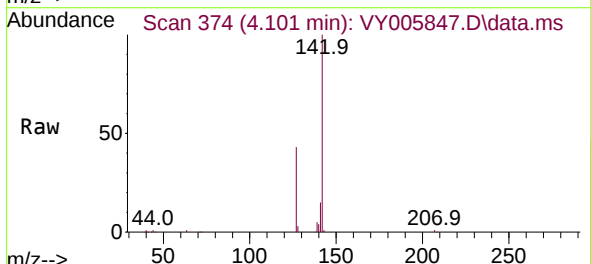
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

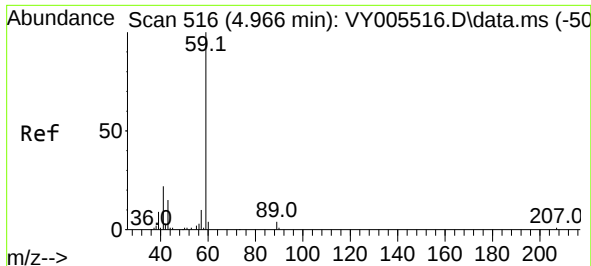
Tgt Ion:101 Resp: 85009  
Ion Ratio Lower Upper  
101 100  
85 46.3 36.3 54.5  
151 83.7 67.6 101.4



#10  
Methyl Iodide  
Concen: 46.237 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

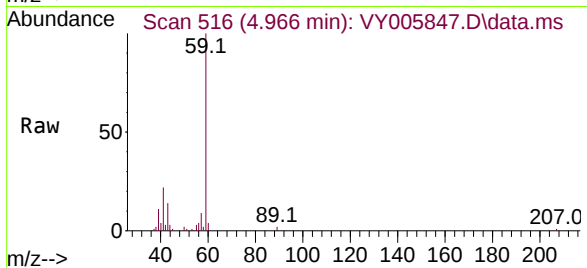
Tgt Ion:142 Resp: 82891  
Ion Ratio Lower Upper  
142 100  
127 45.0 36.6 54.8  
141 14.5 12.2 18.4



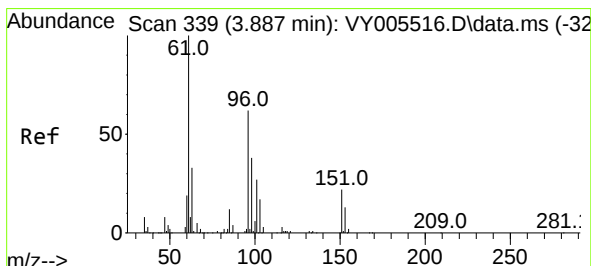
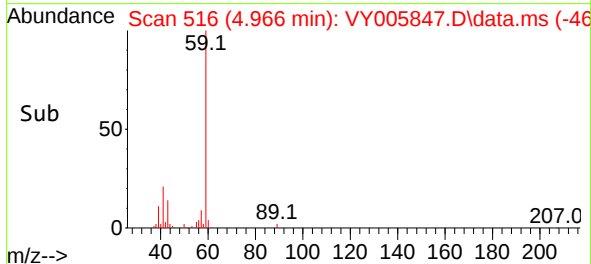
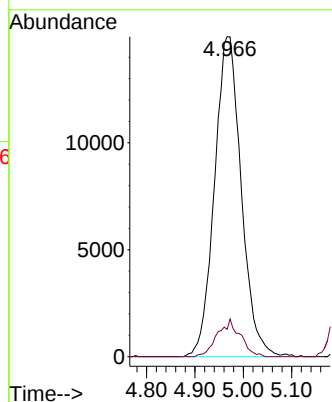


#11  
Tert butyl alcohol  
Concen: 339.876 ug/l  
RT: 4.966 min Scan# 516  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

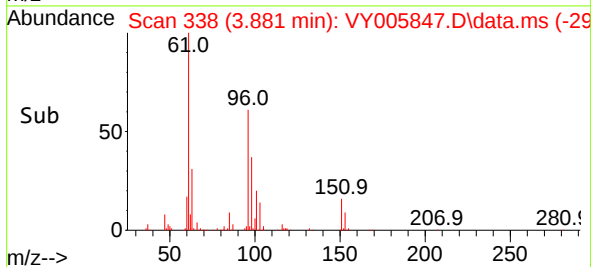
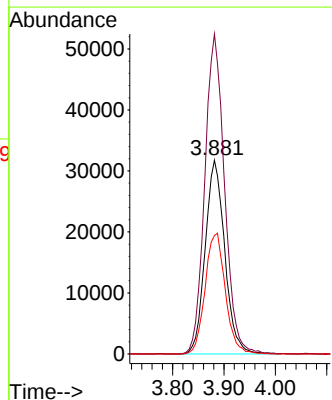
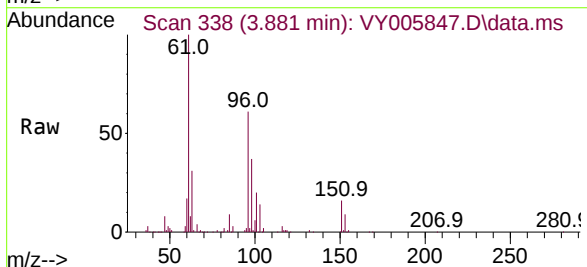


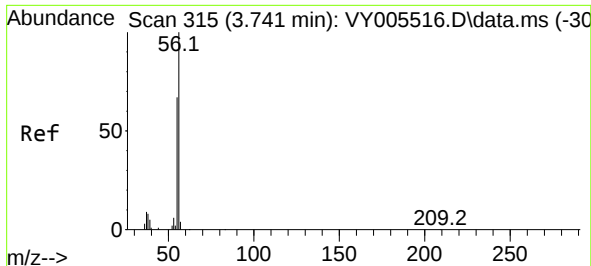
Tgt Ion: 59 Resp: 57345  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 57.831 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 96 Resp: 84033  
Ion Ratio Lower Upper  
96 100  
61 165.1 128.6 192.8  
98 61.1 49.2 73.8

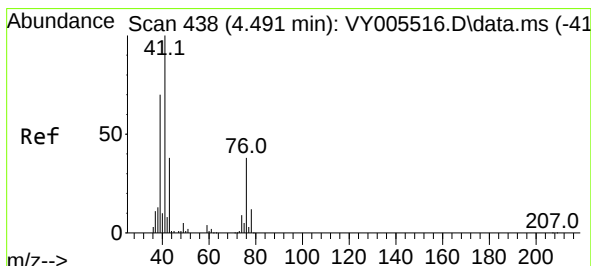
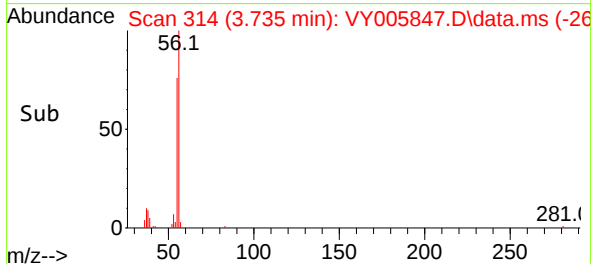
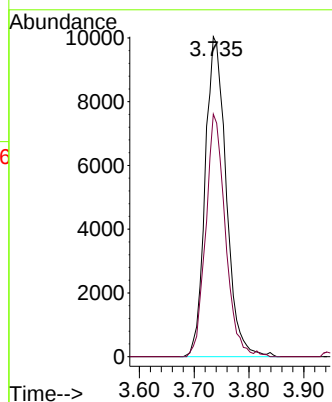
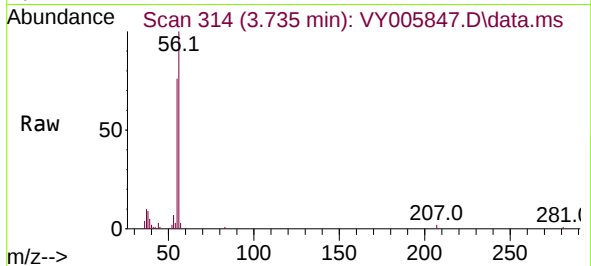




#13  
Acrolein  
Concen: 261.774 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

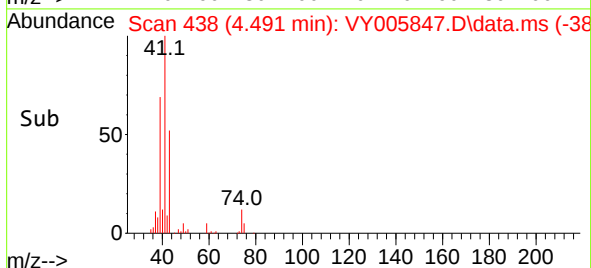
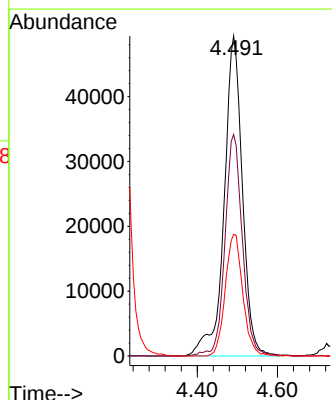
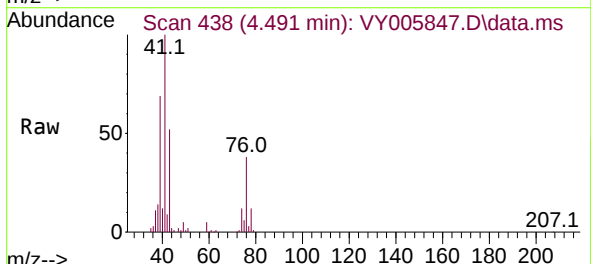
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

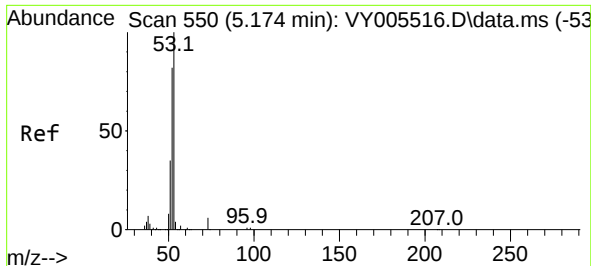
Tgt Ion: 56 Resp: 26648  
Ion Ratio Lower Upper  
56 100  
55 71.1 56.5 84.7



#14  
Allyl chloride  
Concen: 61.354 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 41 Resp: 156147  
Ion Ratio Lower Upper  
41 100  
39 66.0 53.7 80.5  
76 36.4 28.7 43.1

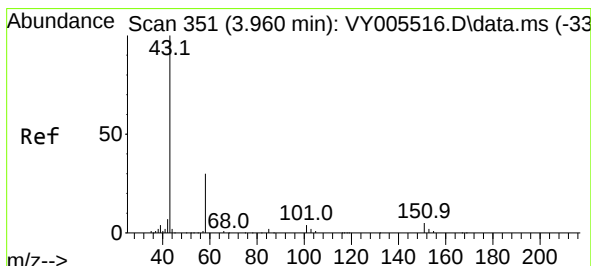
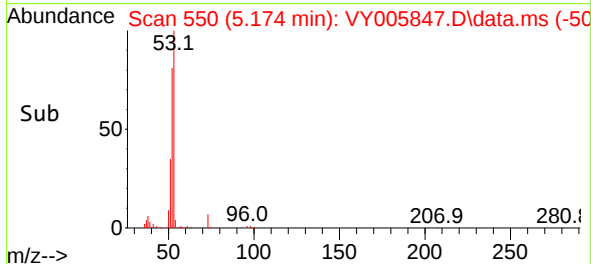
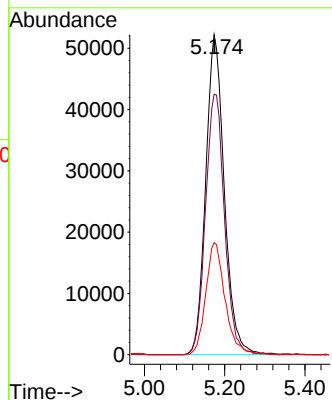
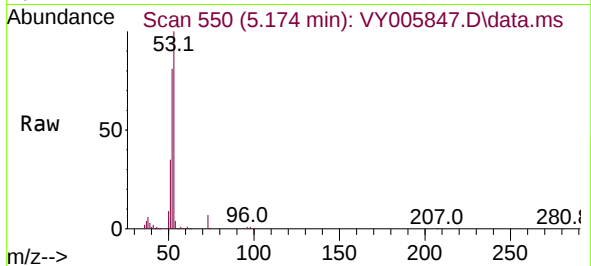




#15  
Acrylonitrile  
Concen: 353.999 ug/l  
RT: 5.174 min Scan# 550  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

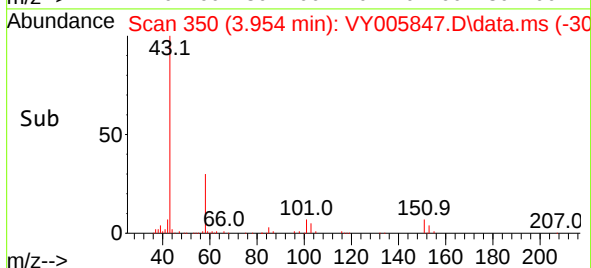
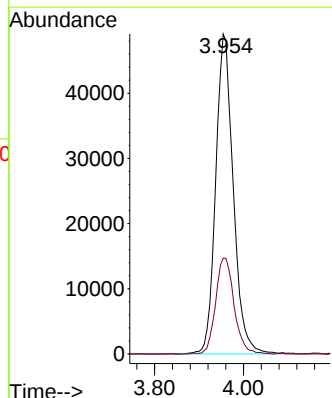
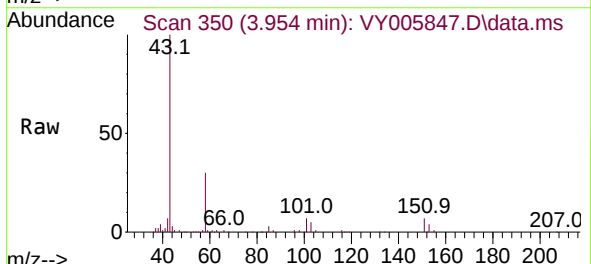
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

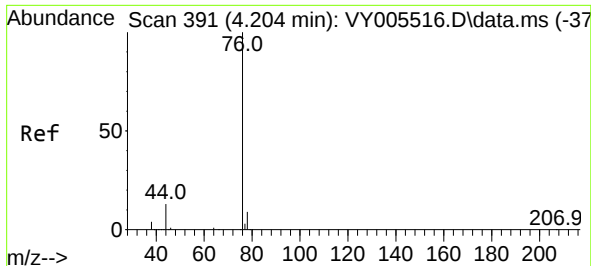
Tgt Ion: 53 Resp: 168098  
Ion Ratio Lower Upper  
53 100  
52 83.2 66.6 99.8  
51 36.3 29.9 44.9



#16  
Acetone  
Concen: 312.434 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 43 Resp: 134444  
Ion Ratio Lower Upper  
43 100  
58 30.0 23.8 35.6

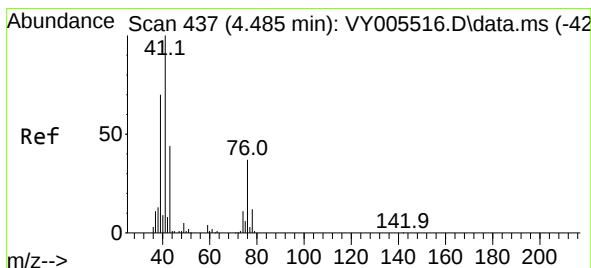
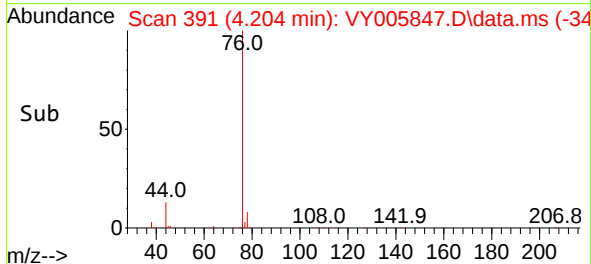
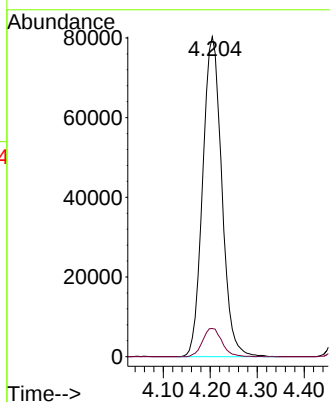
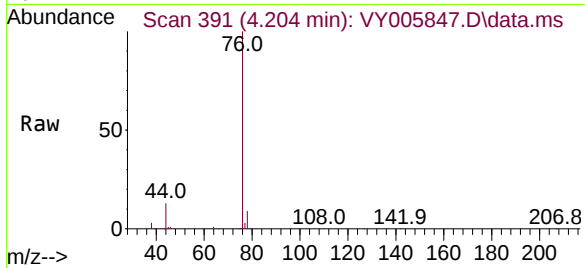




#17  
Carbon Disulfide  
Concen: 50.472 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

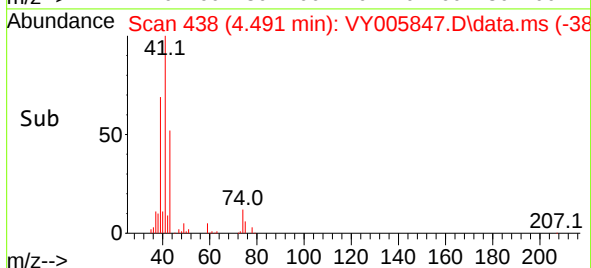
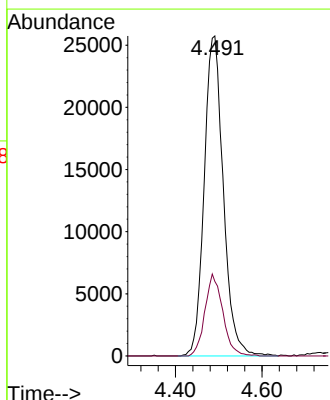
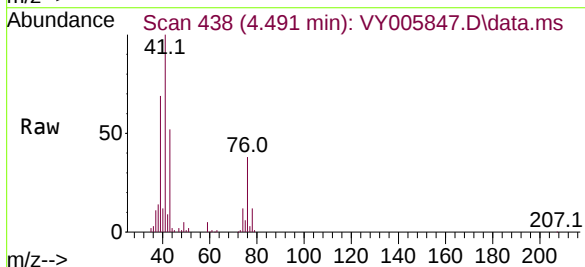
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

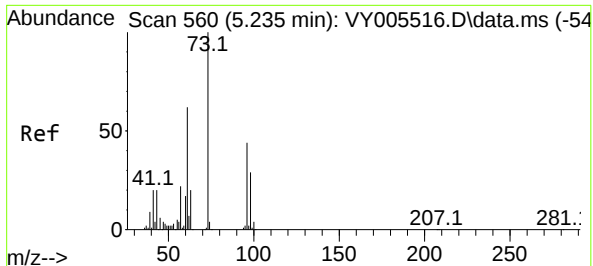
Tgt Ion: 76 Resp: 226076  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.0 10.6



#18  
Methyl Acetate  
Concen: 70.111 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 43 Resp: 78905  
Ion Ratio Lower Upper  
43 100  
74 24.0 19.0 28.6



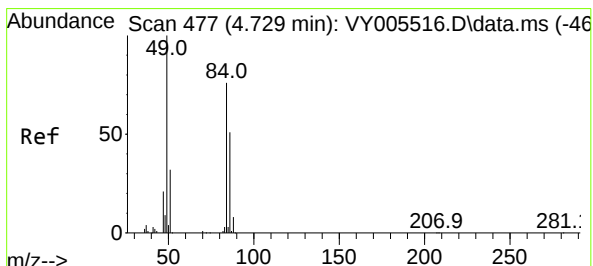
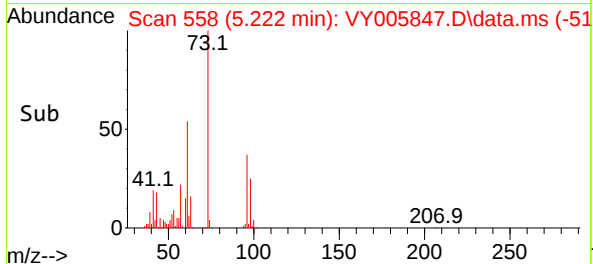
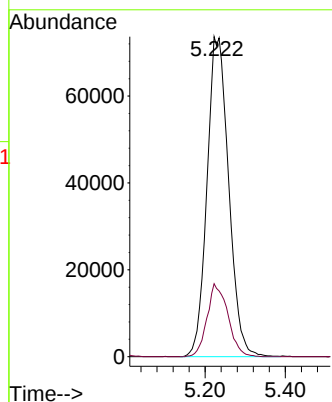
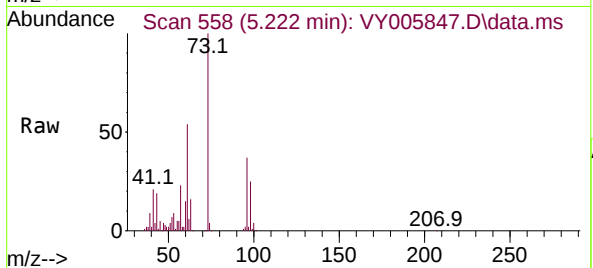


#19

Methyl tert-butyl Ether  
Concen: 61.378 ug/l  
RT: 5.222 min Scan# 558  
Delta R.T. -0.012 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

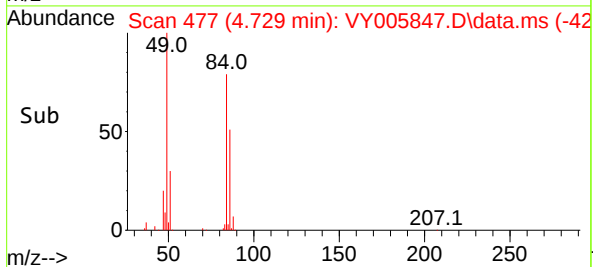
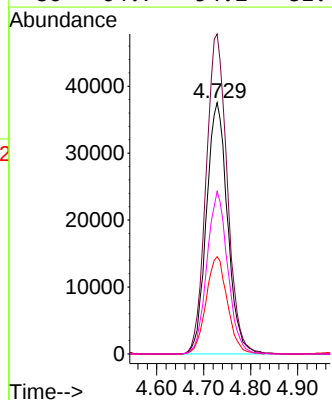
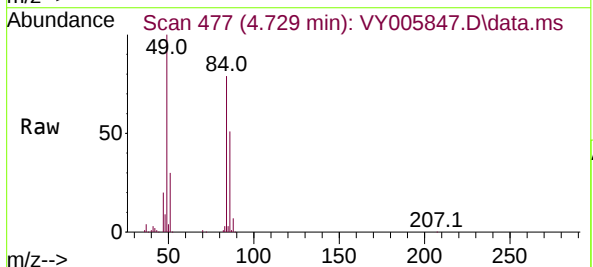
Tgt Ion: 73 Resp: 276291  
Ion Ratio Lower Upper  
73 100  
57 22.8 17.7 26.5

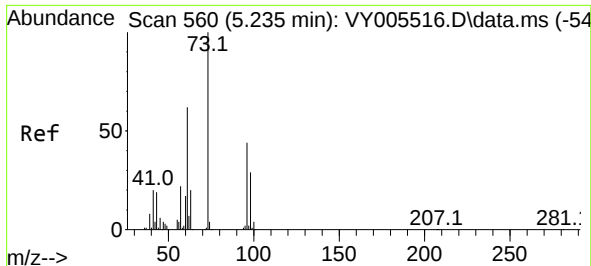


#20

Methylene Chloride  
Concen: 71.268 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. -0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 84 Resp: 117155  
Ion Ratio Lower Upper  
84 100  
49 127.3 105.8 158.6  
51 38.7 33.4 50.2  
86 64.7 54.2 81.4

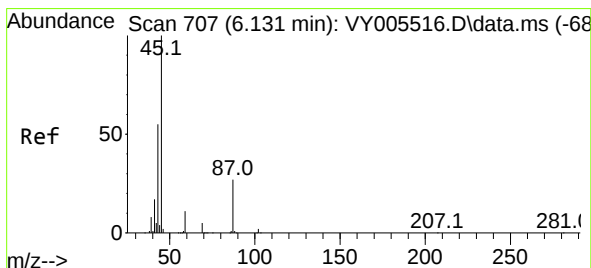
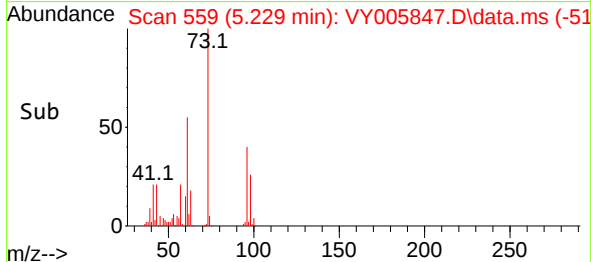
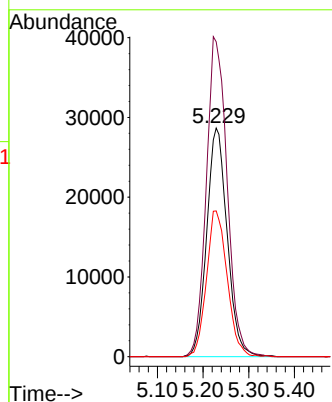
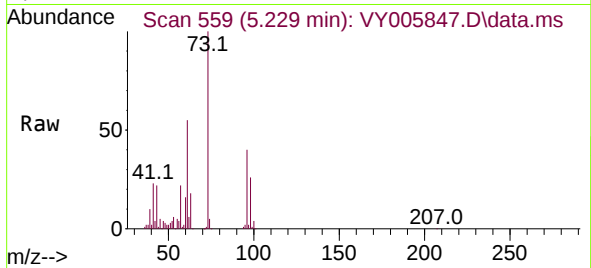




#21  
trans-1,2-Dichloroethene  
Concen: 54.836 ug/l  
RT: 5.229 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

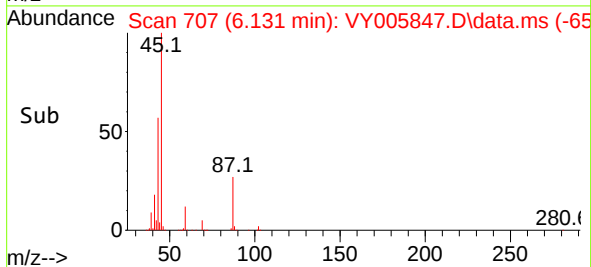
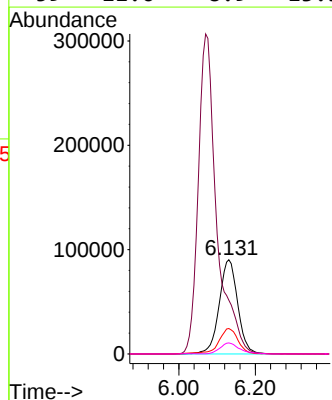
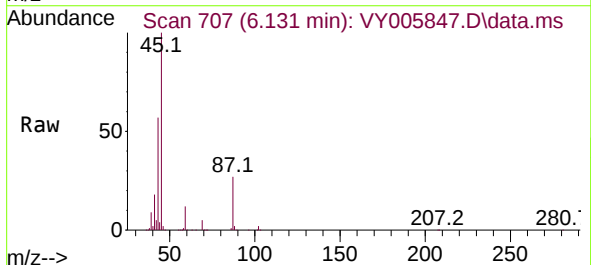
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

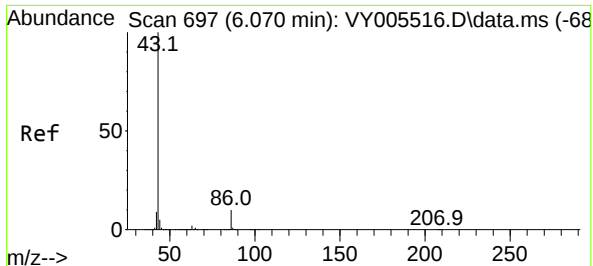
Tgt Ion: 96 Resp: 89085  
Ion Ratio Lower Upper  
96 100  
61 137.7 112.6 168.8  
98 63.8 52.2 78.4



#22  
Diisopropyl ether  
Concen: 57.658 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 45 Resp: 302729  
Ion Ratio Lower Upper  
45 100  
43 56.9 44.2 66.2  
87 26.9 21.6 32.4  
59 11.6 8.9 13.3





#23

Vinyl Acetate

Concen: 293.724 ug/l

RT: 6.070 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

Instrument :

MSVOA\_Y

ClientSampleId :

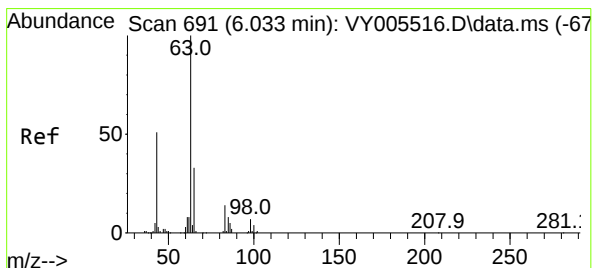
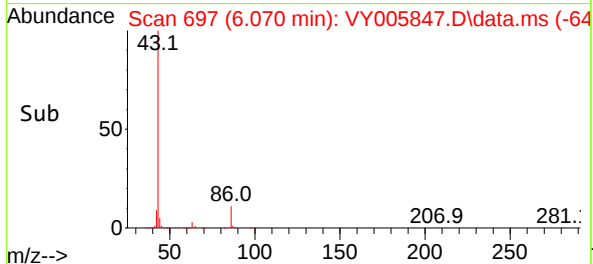
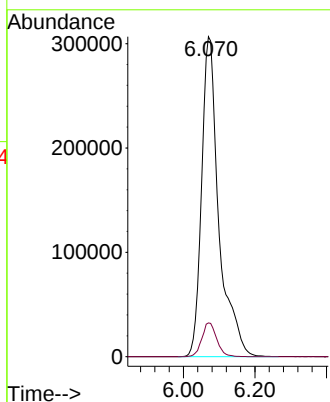
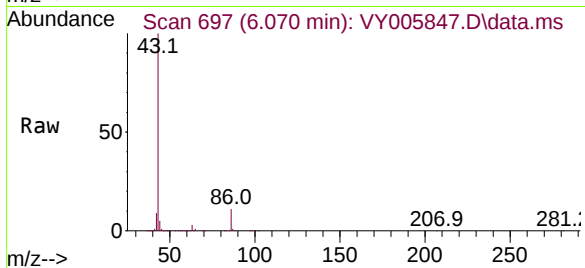
VSTDCCC050EC

Tgt Ion: 43 Resp: 1026316

Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



#24

1,1-Dichloroethane

Concen: 56.502 ug/l

RT: 6.033 min Scan# 691

Delta R.T. 0.000 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

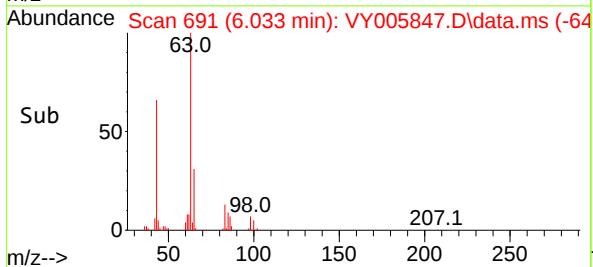
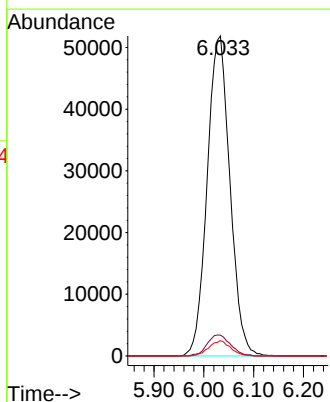
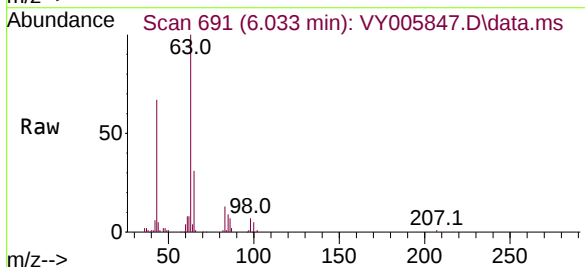
Tgt Ion: 63 Resp: 164404

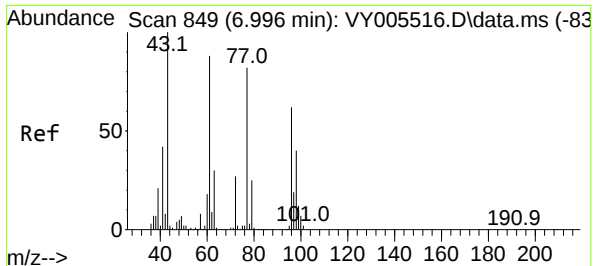
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 297.851 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY005847.D

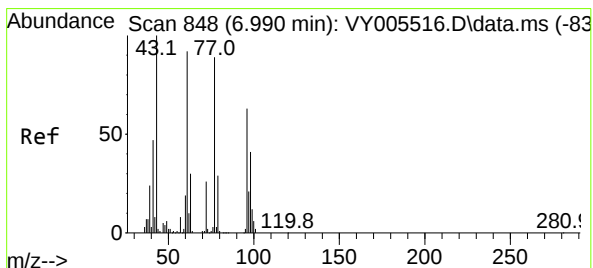
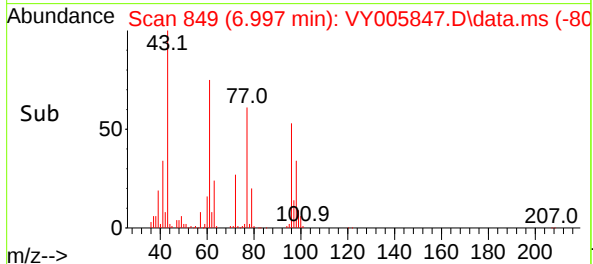
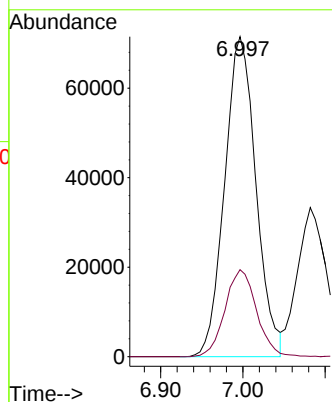
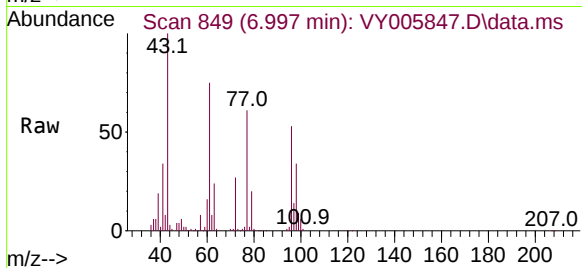
Acq: 25 Aug 2021 17:57

Tgt Ion: 43 Resp: 189459

Ion Ratio Lower Upper

43 100

72 27.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 51.526 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY005847.D

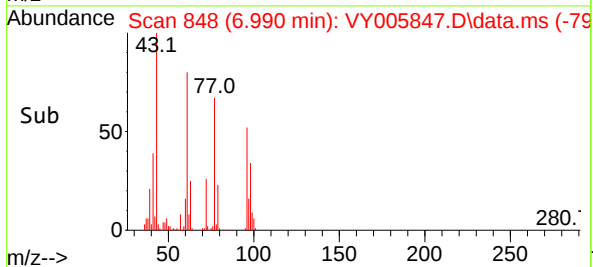
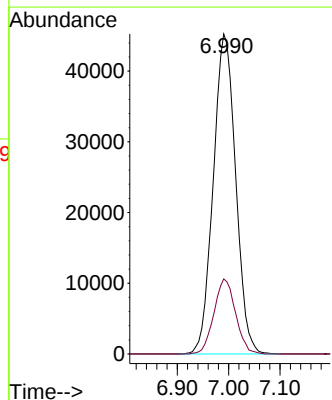
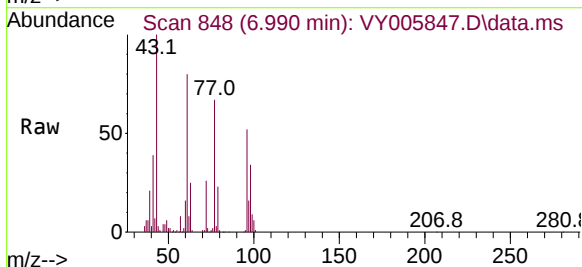
Acq: 25 Aug 2021 17:57

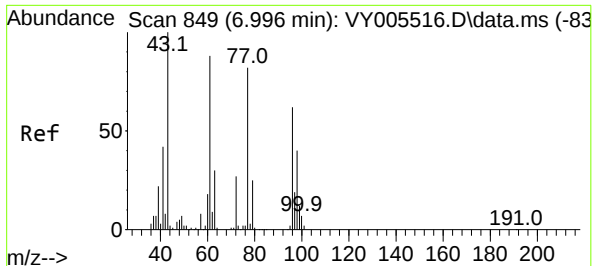
Tgt Ion: 77 Resp: 136980

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 55.099 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

Tgt Ion: 96 Resp: 101805

Ion Ratio Lower Upper

96 100

61 147.3 0.0 290.0

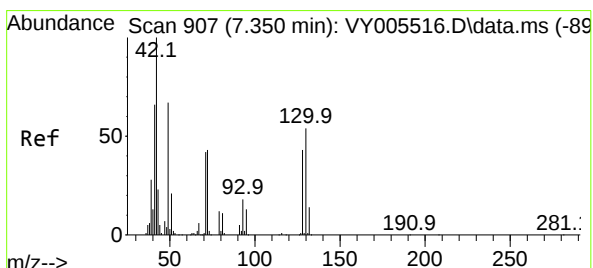
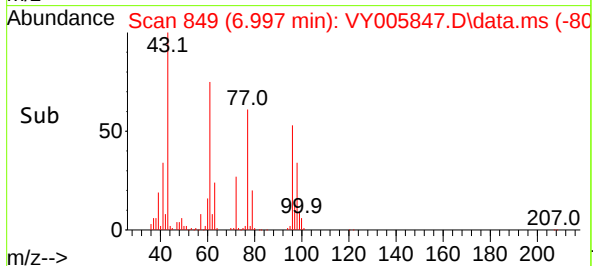
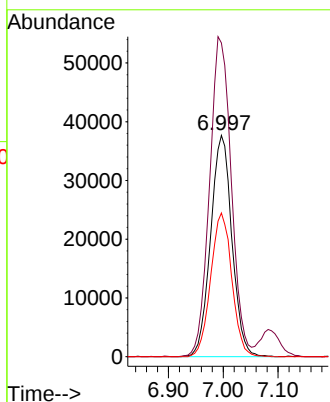
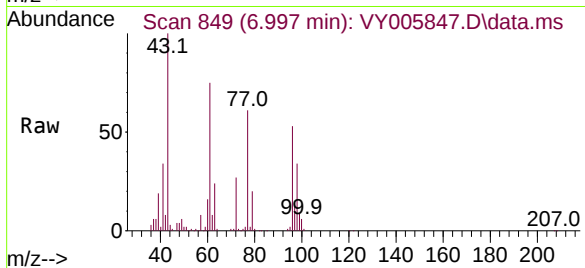
98 64.3 0.0 128.0

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC



#28

Bromochloromethane

Concen: 53.466 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

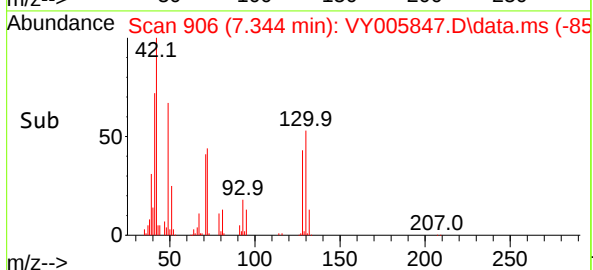
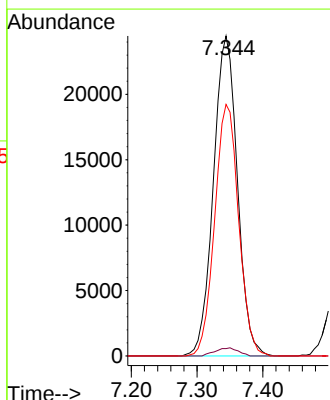
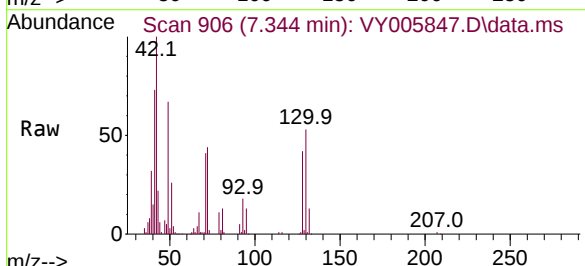
Tgt Ion: 49 Resp: 62092

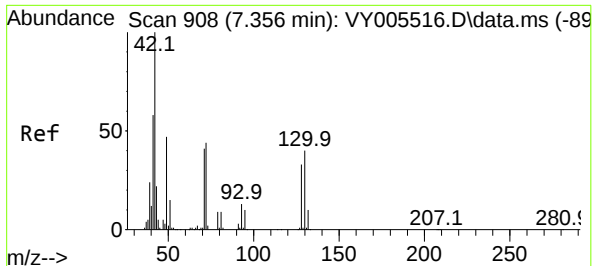
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.0

130 78.5 64.0 96.0





#29

Tetrahydrofuran

Concen: 305.461 ug/l

RT: 7.356 min Scan# 908

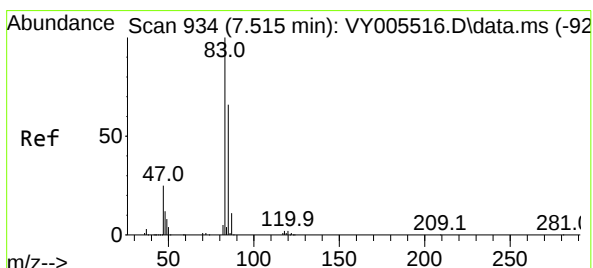
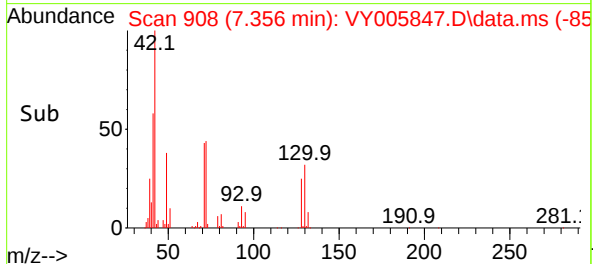
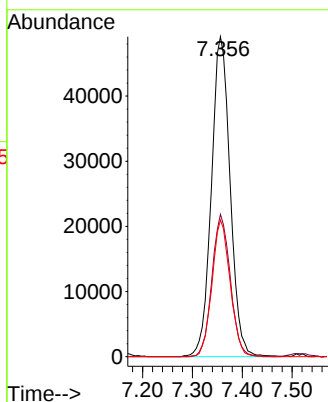
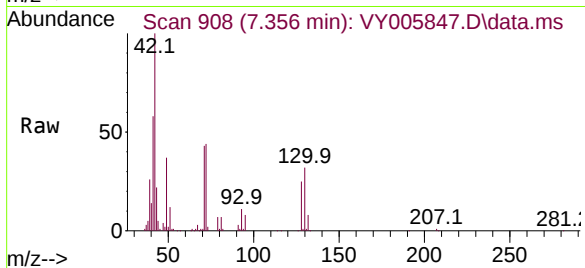
Delta R.T. 0.000 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 128513 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 43.4  | 35.0  | 52.4   |
| 71       | 41.2  | 33.3  | 49.9   |



#30

Chloroform

Concen: 57.353 ug/l

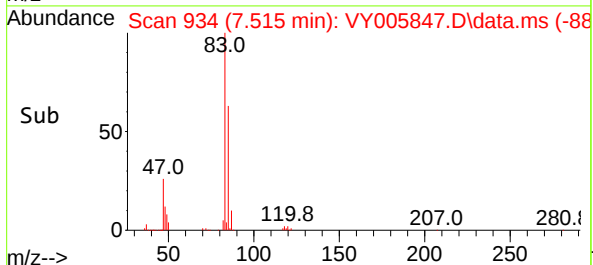
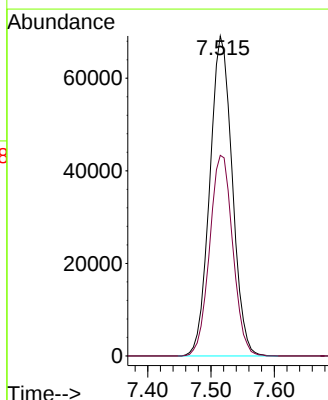
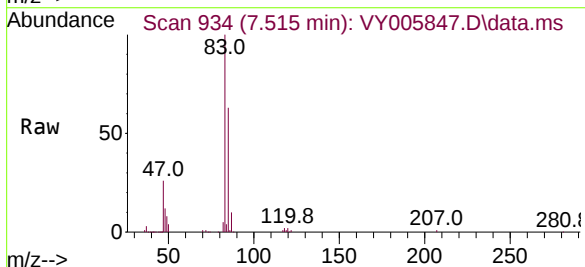
RT: 7.515 min Scan# 934

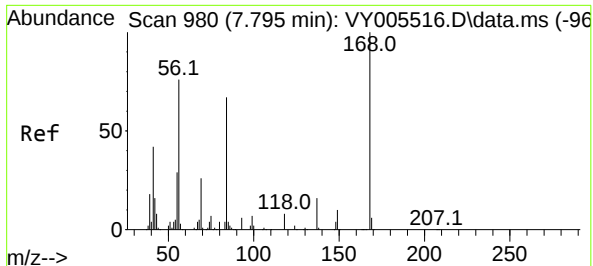
Delta R.T. 0.000 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 170331 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.7  | 52.7  | 79.1   |

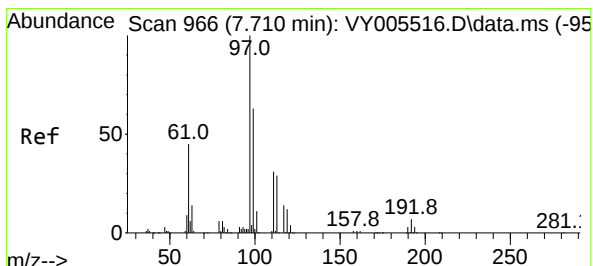
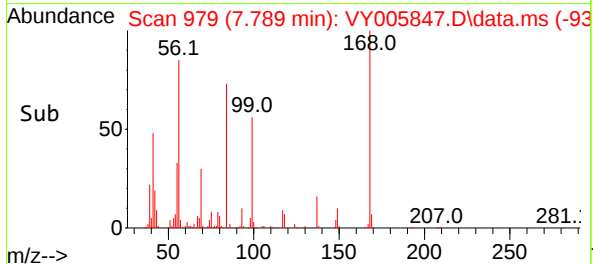
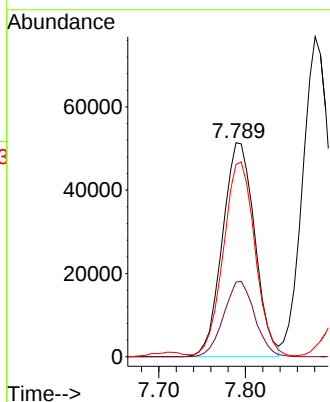
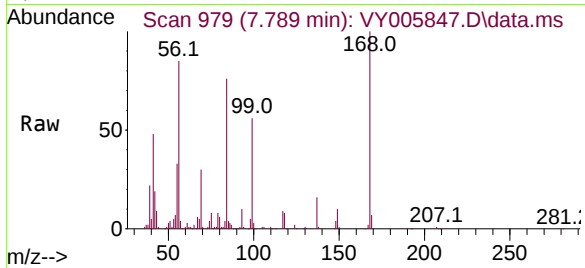




#31  
Cyclohexane  
Concen: 45.398 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

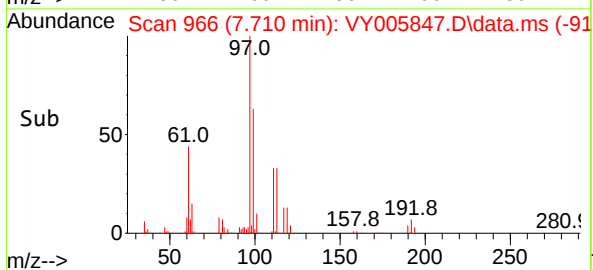
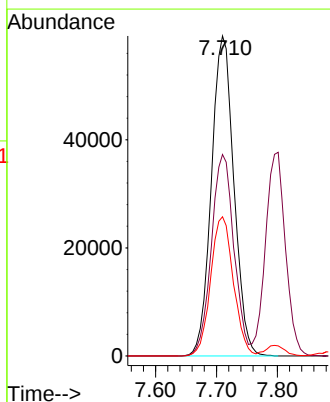
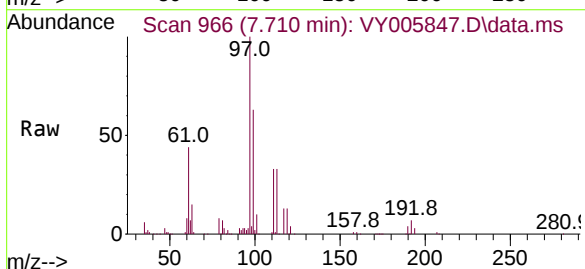
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

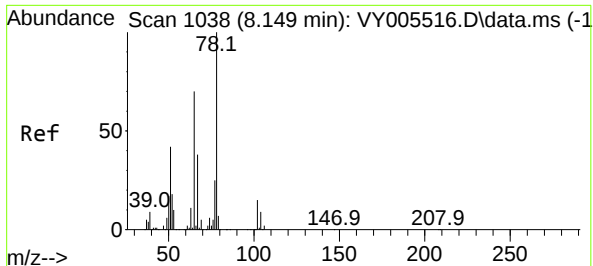
Tgt Ion: 56 Resp: 132904  
Ion Ratio Lower Upper  
56 100  
69 34.8 27.7 41.5  
84 88.1 70.9 106.3



#32  
1,1,1-Trichloroethane  
Concen: 55.626 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 97 Resp: 151861  
Ion Ratio Lower Upper  
97 100  
99 63.1 51.1 76.7  
61 44.0 35.0 52.6

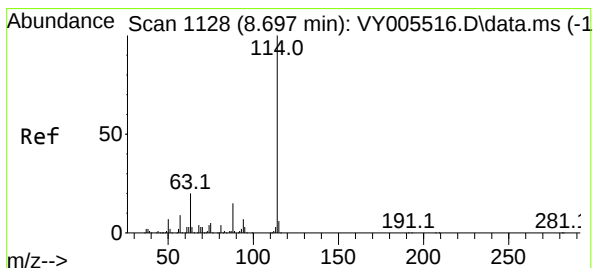
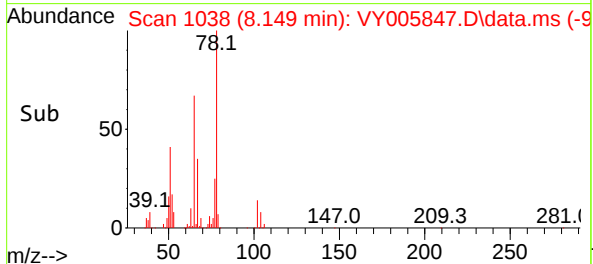
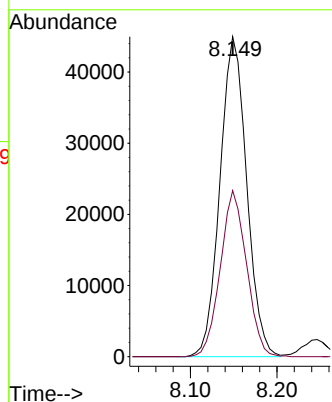
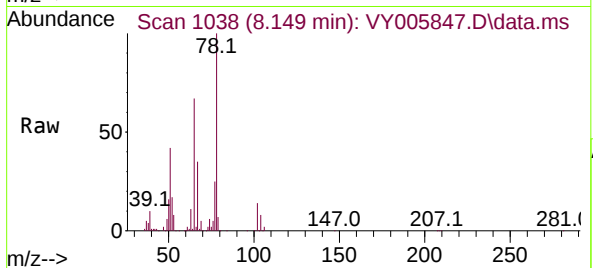




#33  
1,2-Dichloroethane-d4  
Concen: 56.443 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

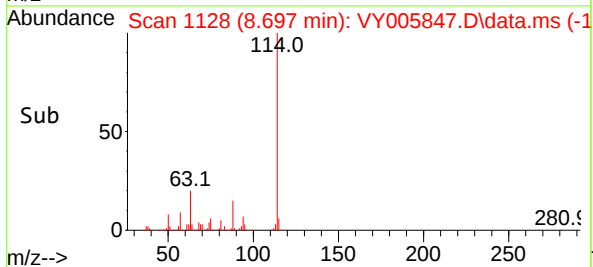
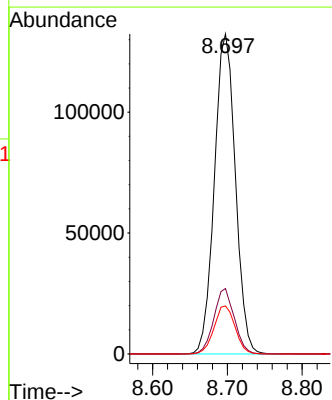
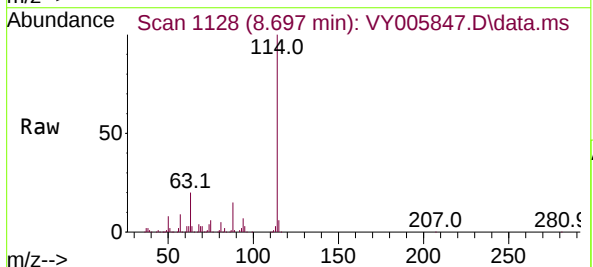
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

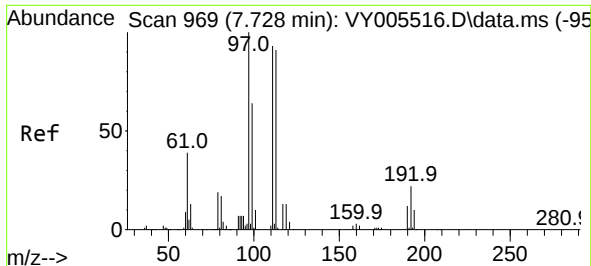
Tgt Ion: 65 Resp: 96334  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 103.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 114 Resp: 258662  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 39.2  
88 15.0 0.0 30.8

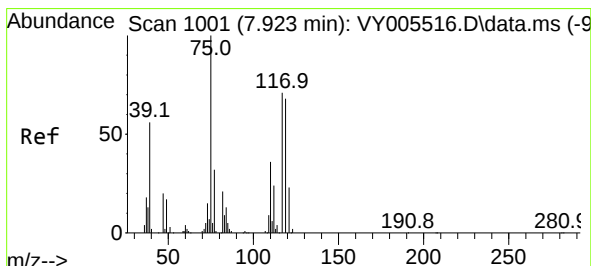
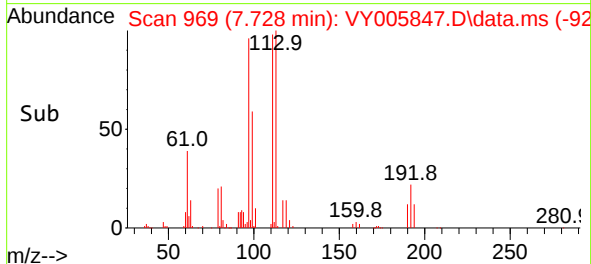
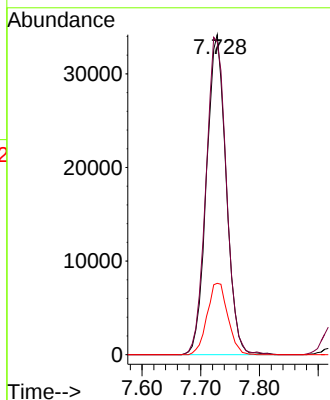
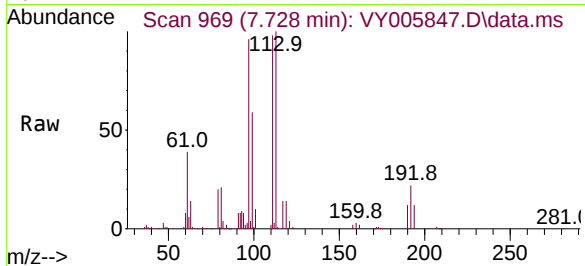




#35  
Dibromofluoromethane  
Concen: 54.829 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

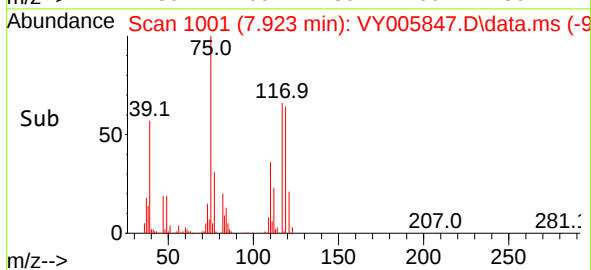
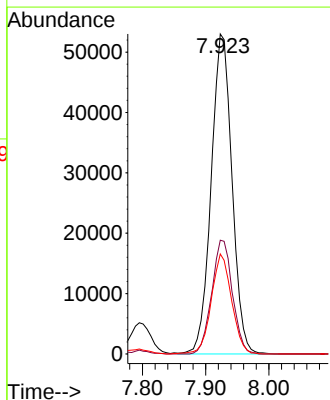
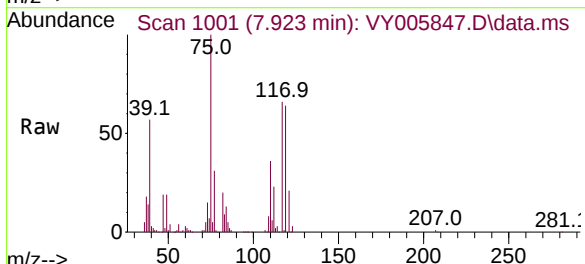
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

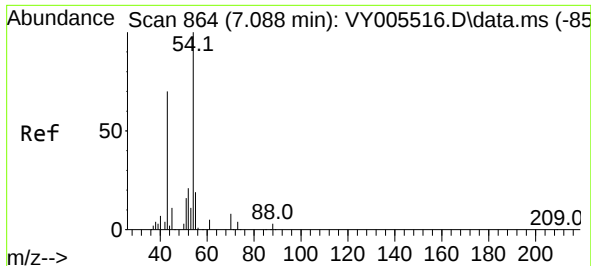
Tgt Ion:113 Resp: 79403  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.9 122.9  
192 23.5 19.2 28.8



#36  
1,1-Dichloropropene  
Concen: 49.913 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 75 Resp: 121092  
Ion Ratio Lower Upper  
75 100  
110 35.2 18.1 54.1  
77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 57.860 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.006 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

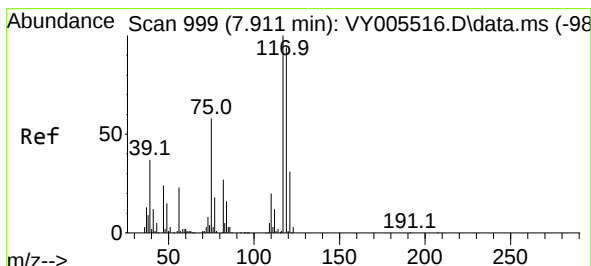
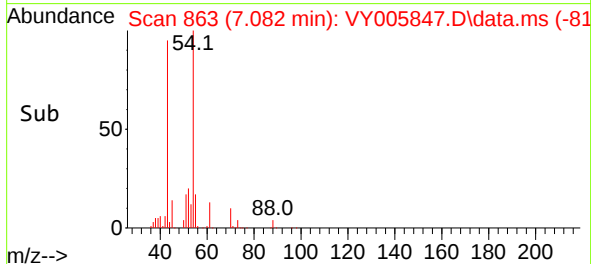
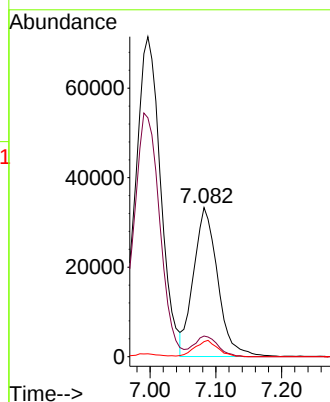
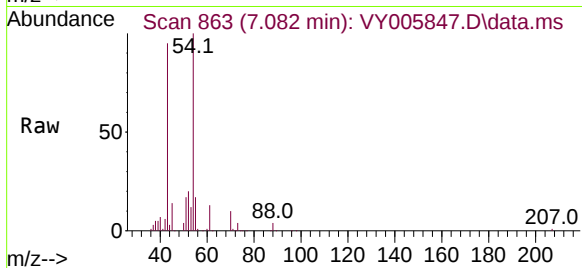
Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 85040 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.8  | 10.6  | 15.8  |
| 70       | 10.3  | 8.6   | 13.0  |



#38

Carbon Tetrachloride

Concen: 51.907 ug/l

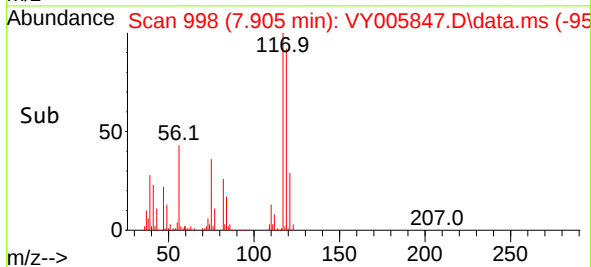
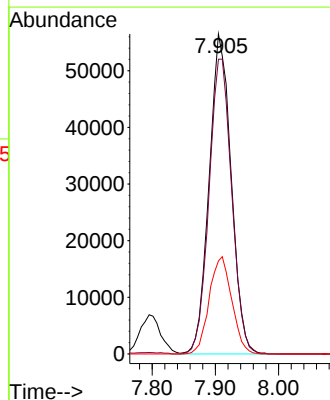
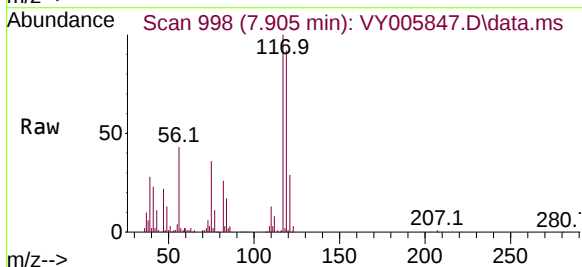
RT: 7.905 min Scan# 998

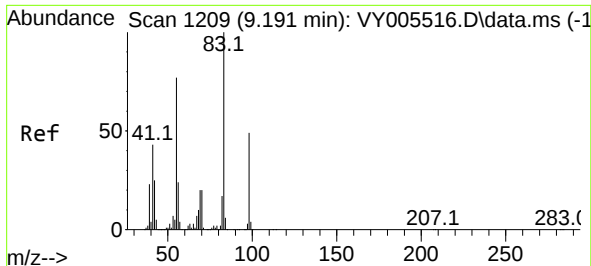
Delta R.T. -0.006 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 136867 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 92.1  | 75.4  | 113.0  |
| 121      | 29.1  | 25.1  | 37.7   |





#39

Methylcyclohexane

Concen: 46.079 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.006 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

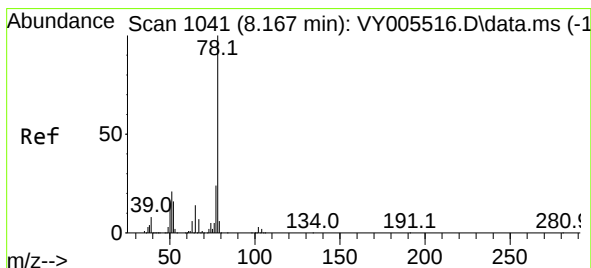
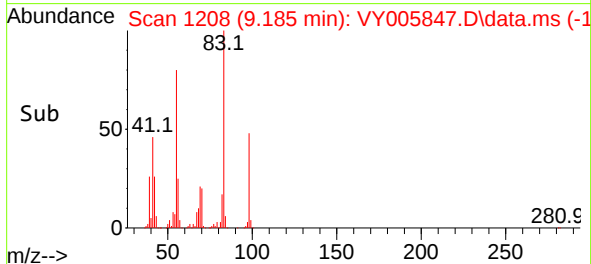
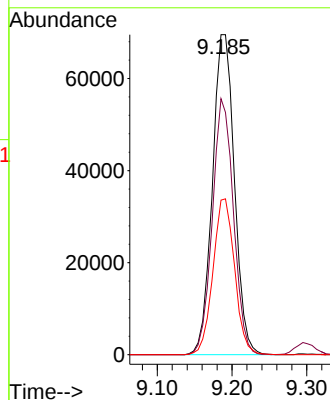
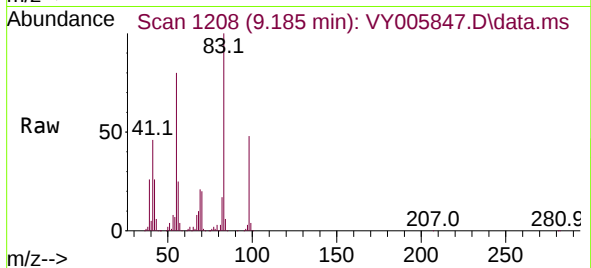
Tgt Ion: 83 Resp: 142226

Ion Ratio Lower Upper

83 100

55 80.0 61.7 92.5

98 48.3 38.9 58.3



#40

Benzene

Concen: 52.118 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY005847.D

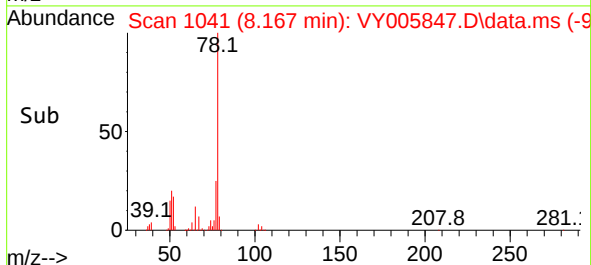
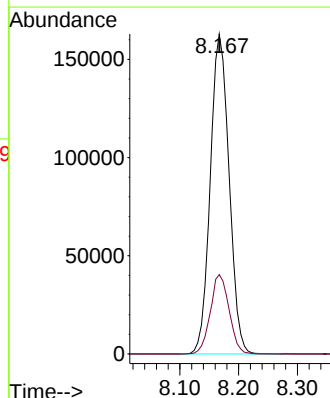
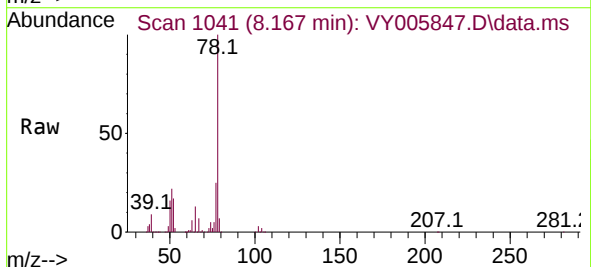
Acq: 25 Aug 2021 17:57

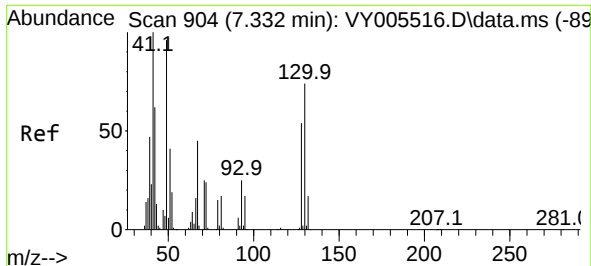
Tgt Ion: 78 Resp: 362085

Ion Ratio Lower Upper

78 100

77 24.8 19.6 29.4

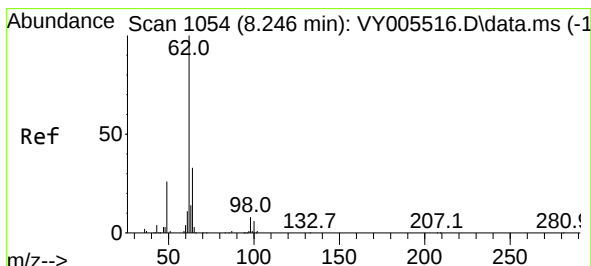
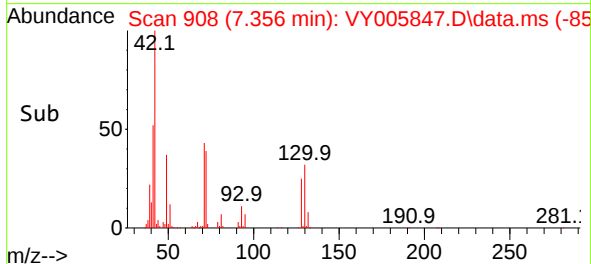
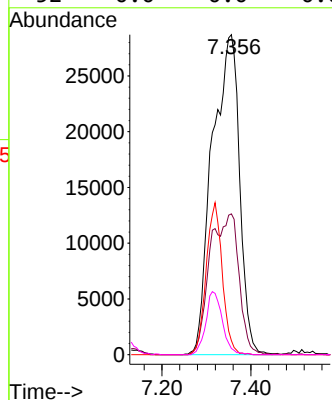
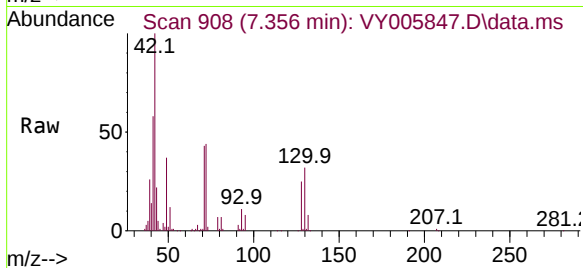




#41  
Methacrylonitrile  
Concen: 152.659 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.024 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

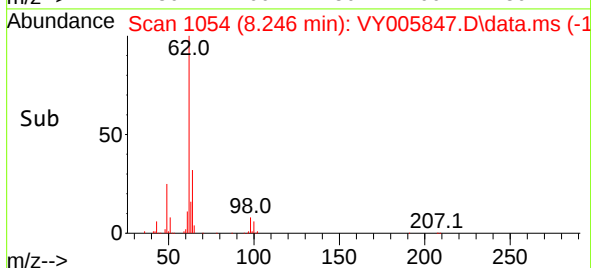
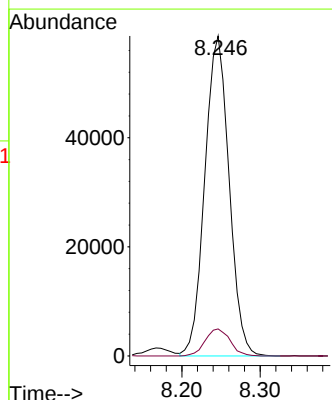
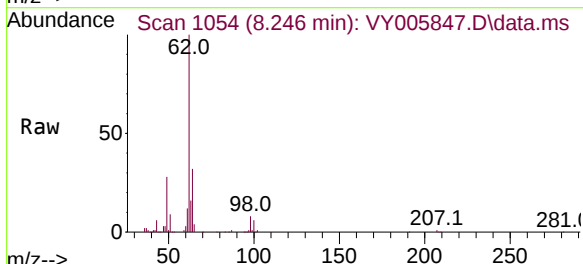
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

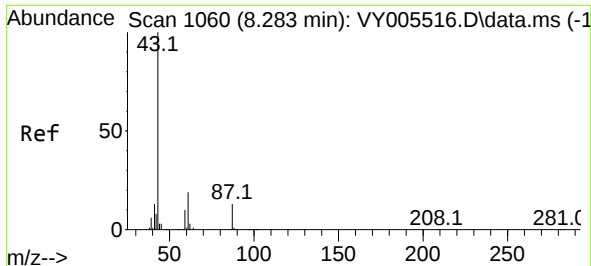
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 121739 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 0.0   | 0.0    |
| 67       | 0.0   | 0.0   | 0.0    |
| 52       | 0.0   | 0.0   | 0.0    |



#42  
1,2-Dichloroethane  
Concen: 56.016 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 126232 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.7   | 0.0   | 18.4   |

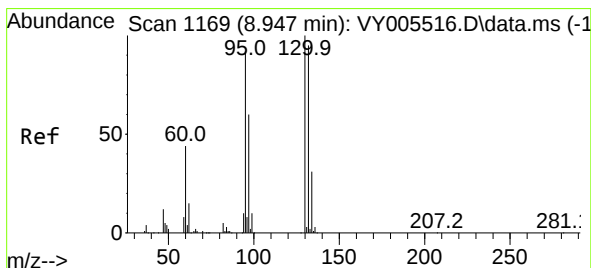
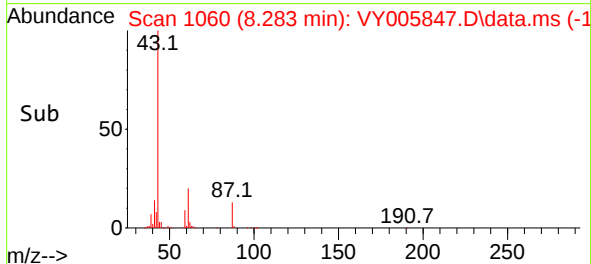
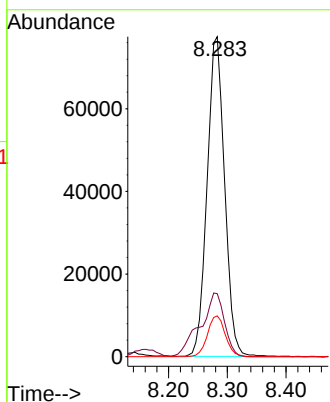
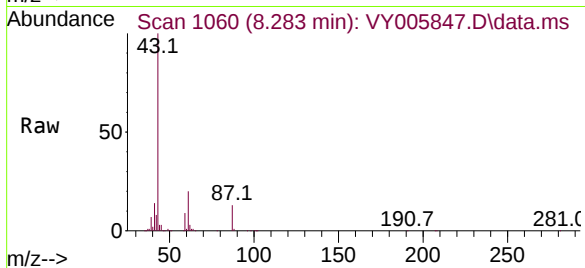




#43  
Isopropyl Acetate  
Concen: 57.361 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

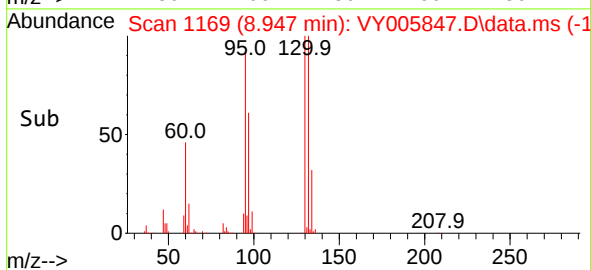
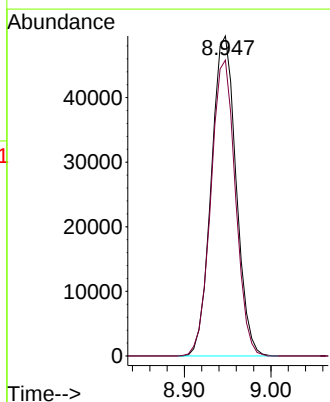
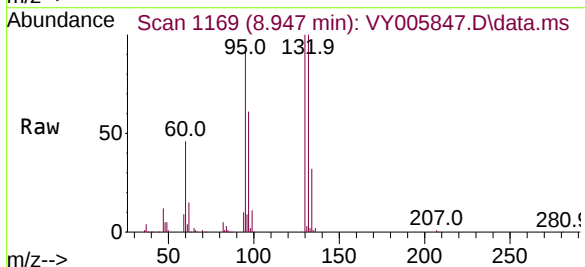
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

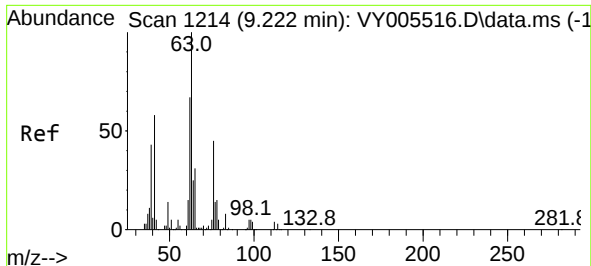
Tgt Ion: 43 Resp: 159612  
Ion Ratio Lower Upper  
43 100  
61 27.7 23.0 34.6  
87 13.1 10.6 16.0



#44  
Trichloroethene  
Concen: 51.851 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 130 Resp: 98317  
Ion Ratio Lower Upper  
130 100  
95 92.4 0.0 185.0





#45

1,2-Dichloropropane

Concen: 55.250 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY005847.D

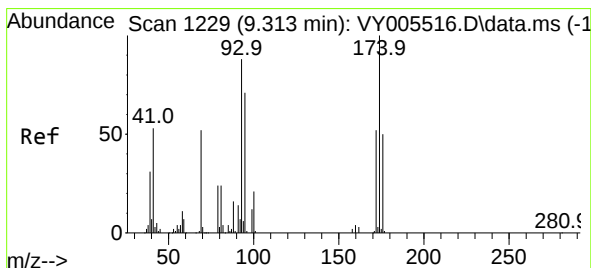
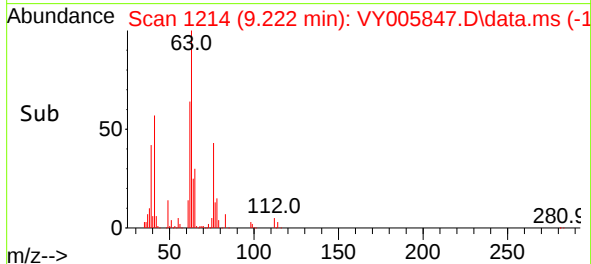
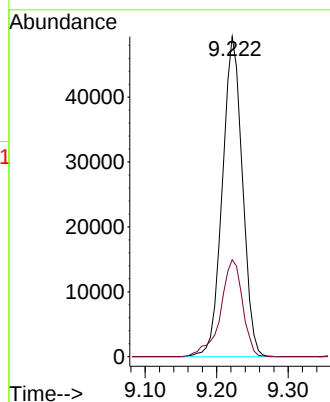
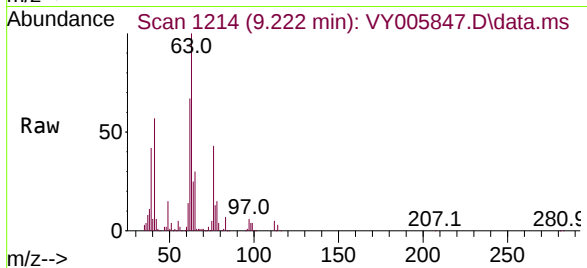
Acq: 25 Aug 2021 17:57

Tgt Ion: 63 Resp: 96029

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 56.169 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

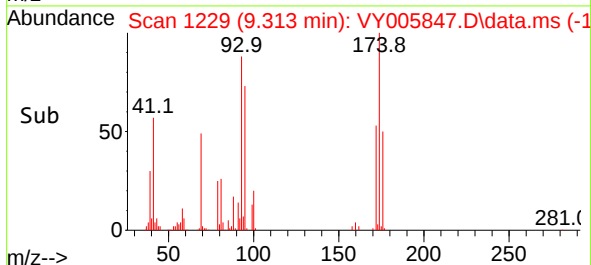
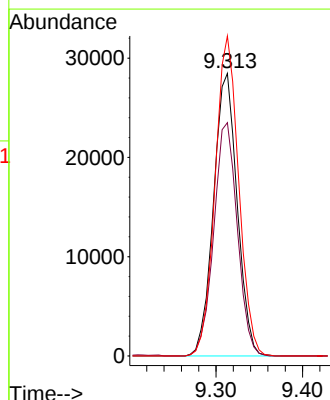
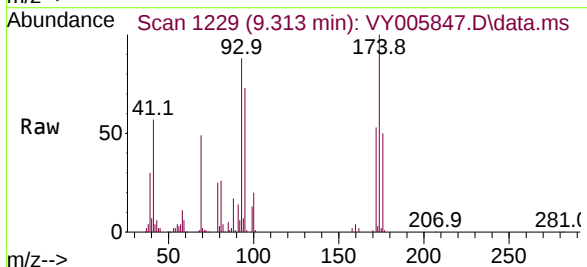
Tgt Ion: 93 Resp: 53980

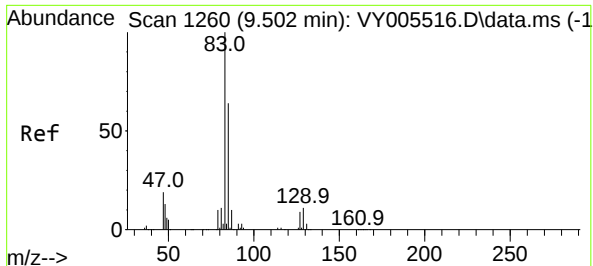
Ion Ratio Lower Upper

93 100

95 82.2 66.5 99.7

174 112.7 93.8 140.6

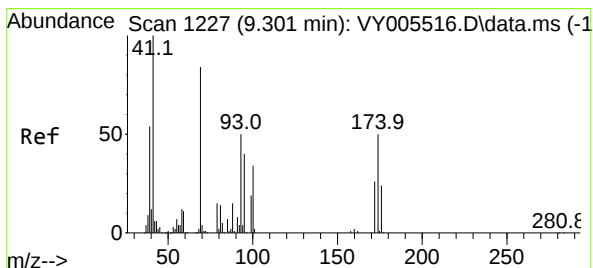
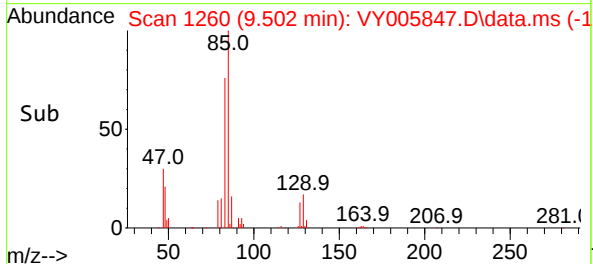
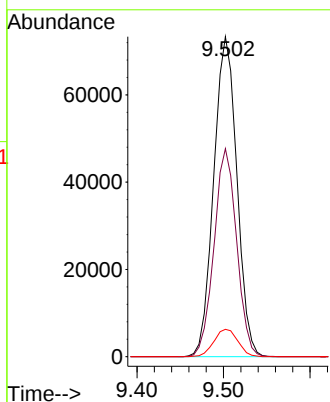
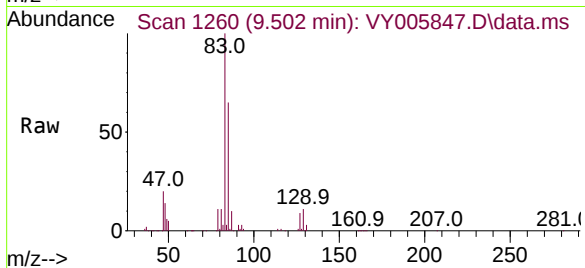




#47  
Bromodichloromethane  
Concen: 56.590 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

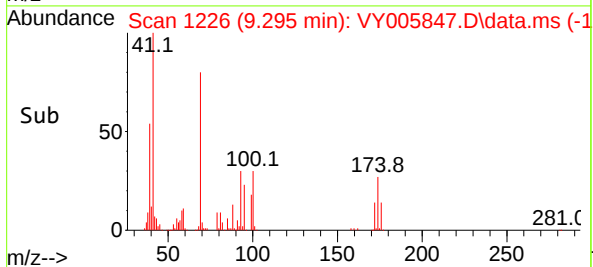
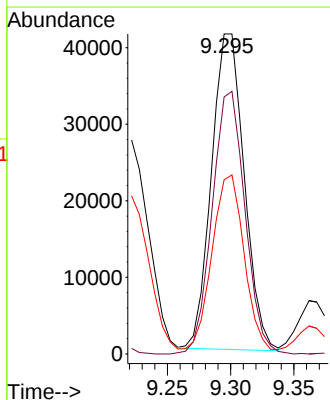
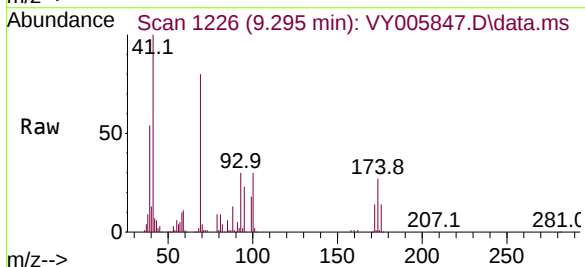
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

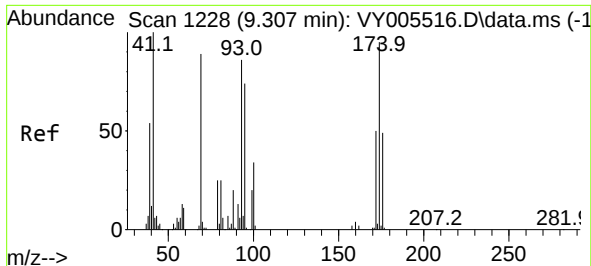
Tgt Ion: 83 Resp: 136111  
Ion Ratio Lower Upper  
83 100  
85 65.0 51.0 76.4  
127 8.5 7.0 10.4



#48  
Methyl methacrylate  
Concen: 58.963 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 41 Resp: 74149  
Ion Ratio Lower Upper  
41 100  
69 83.4 69.0 103.4  
39 56.9 46.0 69.0





#49

1,4-Dioxane

Concen: 1172.257 ug/l

RT: 9.307 min Scan# 1228

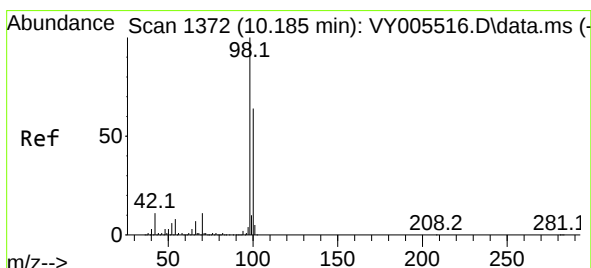
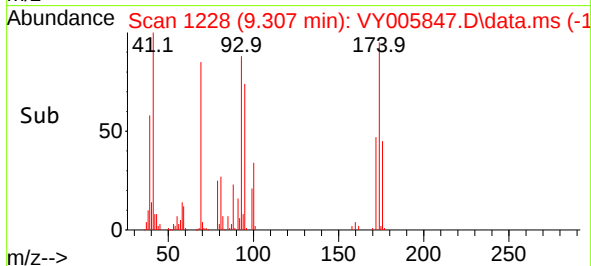
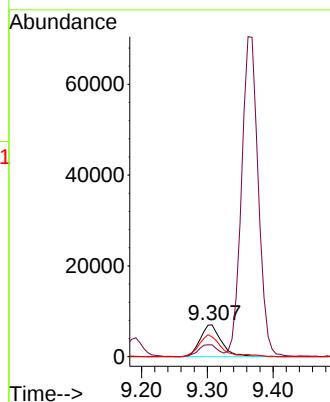
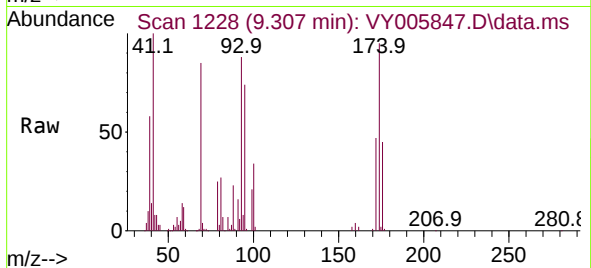
Delta R.T. 0.000 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 15657 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 35.4  | 27.0  | 40.4  |
| 58       | 67.8  | 53.8  | 80.8  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



#50

Toluene-d8

Concen: 51.299 ug/l

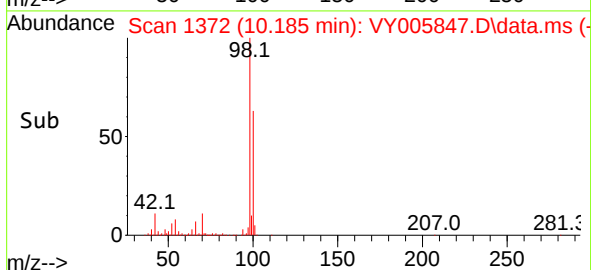
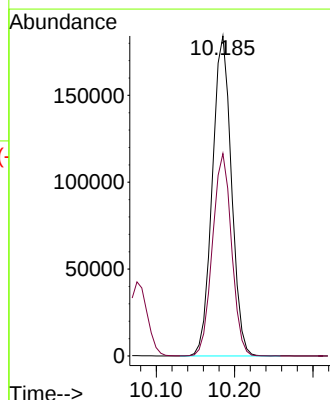
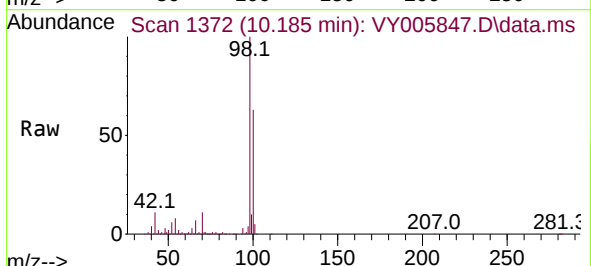
RT: 10.185 min Scan# 1372

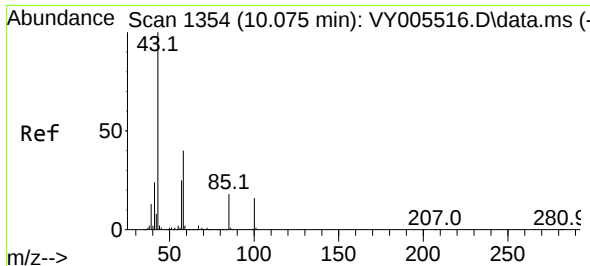
Delta R.T. 0.000 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 311569 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.2  | 51.3  | 76.9   |

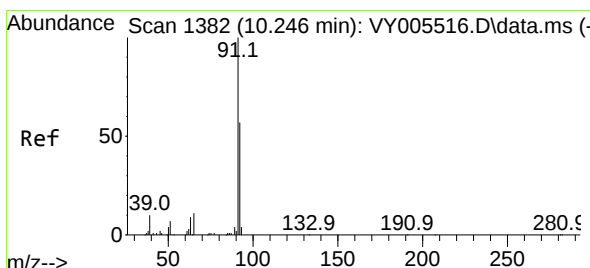
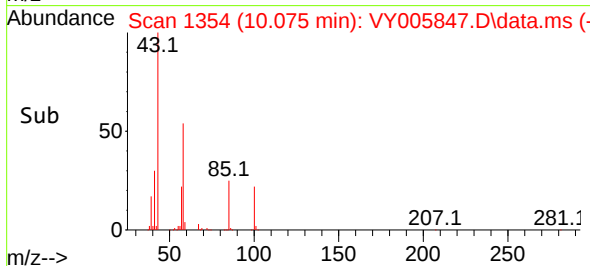
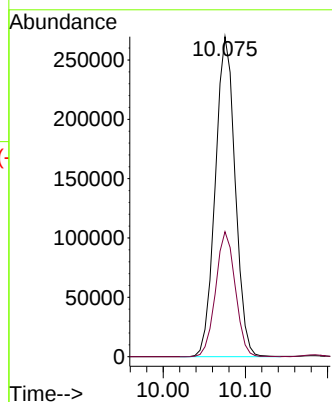
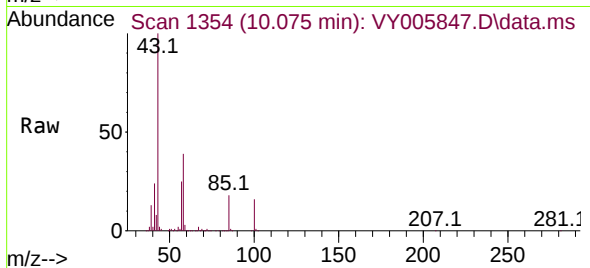




#51  
4-Methyl-2-Pentanone  
Concen: 308.910 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

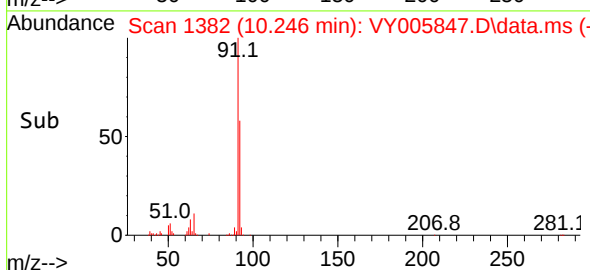
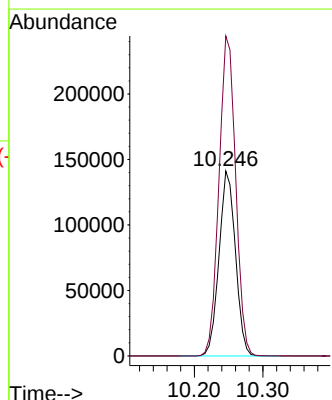
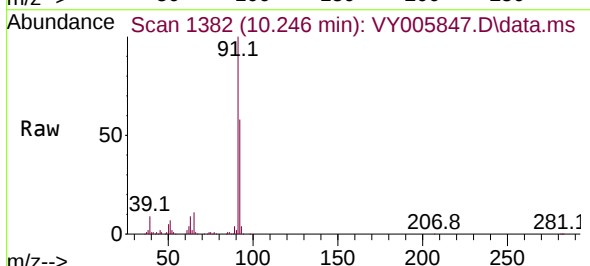
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

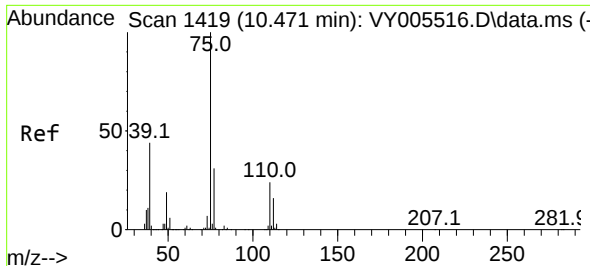
Tgt Ion: 43 Resp: 452676  
Ion Ratio Lower Upper  
43 100  
58 38.6 31.4 47.2



#52  
Toluene  
Concen: 52.840 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 92 Resp: 234076  
Ion Ratio Lower Upper  
92 100  
91 176.0 139.6 209.4

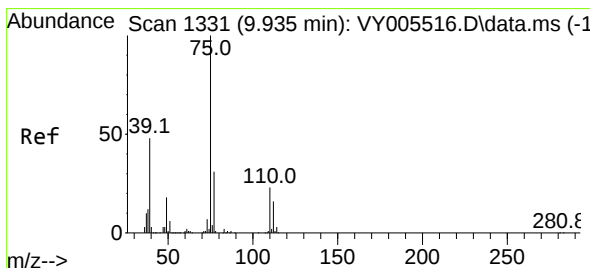
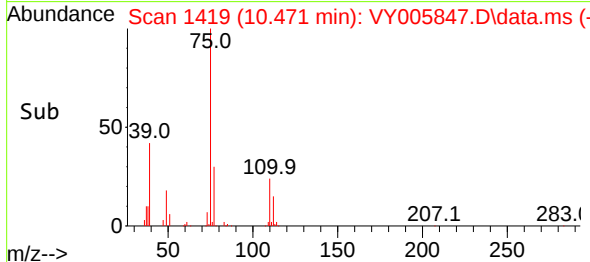
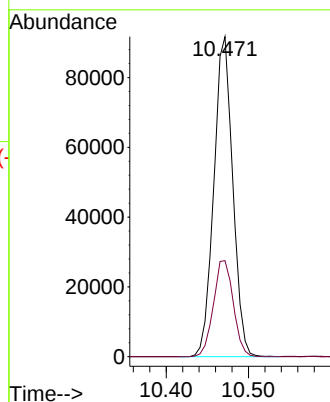
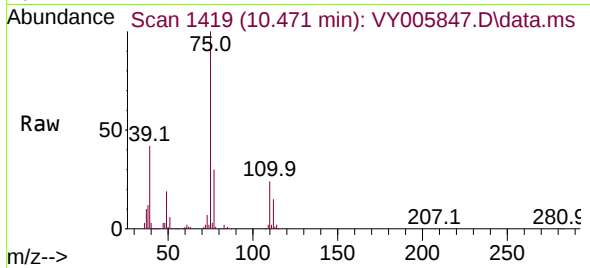




#53  
t-1,3-Dichloropropene  
Concen: 54.509 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

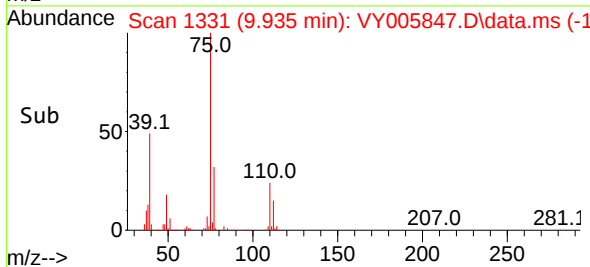
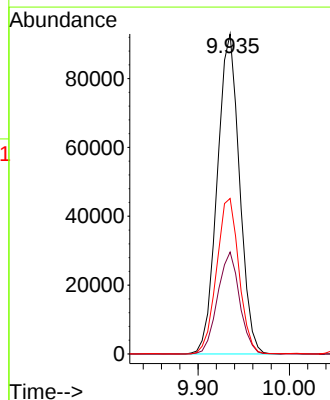
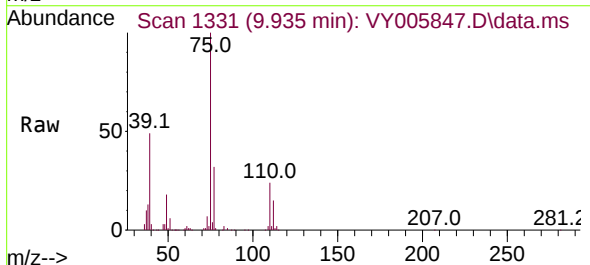
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

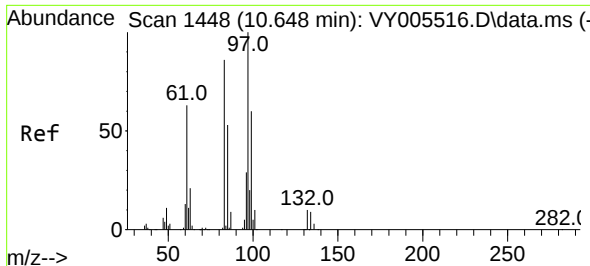
Tgt Ion: 75 Resp: 146518  
Ion Ratio Lower Upper  
75 100  
77 30.0 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 53.852 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

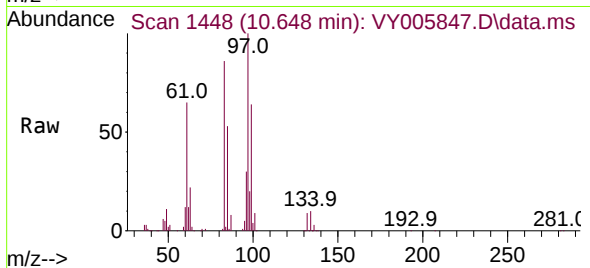
Tgt Ion: 75 Resp: 157094  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.6 36.8  
39 48.6 38.1 57.1



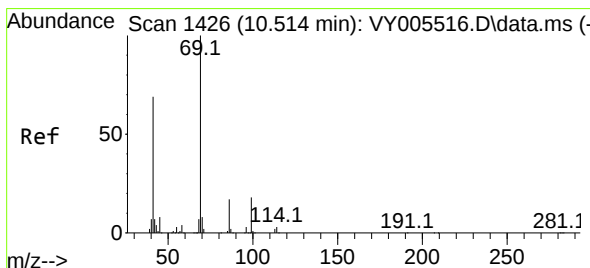
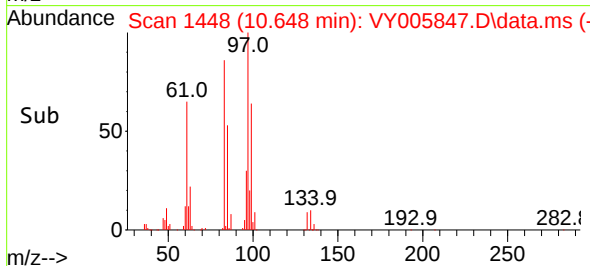
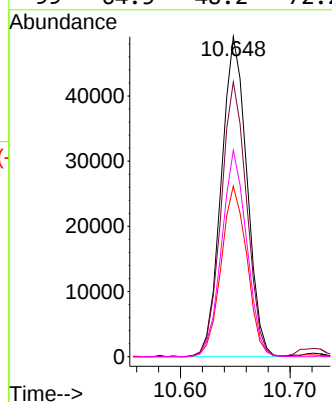


#55  
1,1,2-Trichloroethane  
Concen: 57.430 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

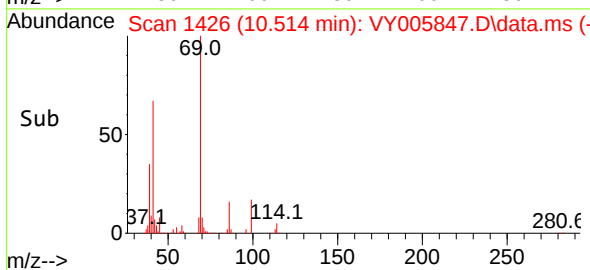
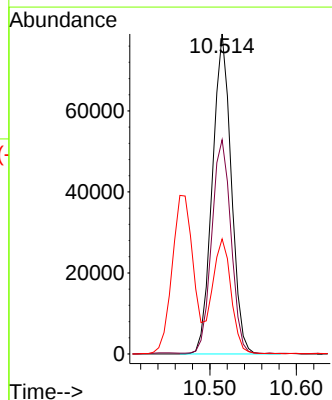
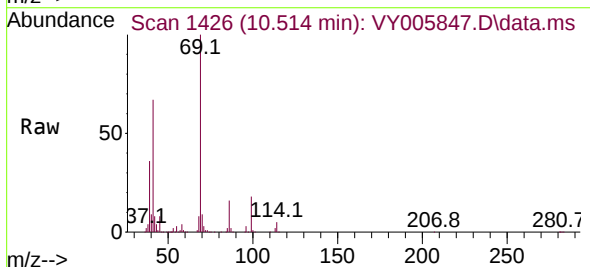


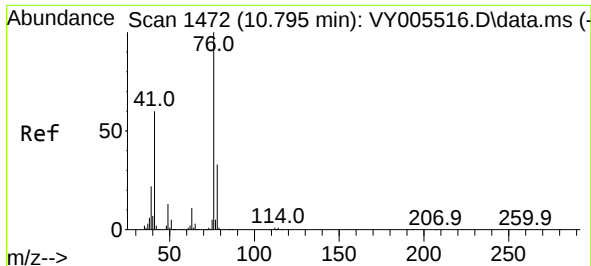
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 79857 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.9  | 68.7  | 103.1 |
| 85       | 53.3  | 42.4  | 63.6  |
| 99       | 64.5  | 48.2  | 72.2  |



#56  
Ethyl methacrylate  
Concen: 57.461 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 119640 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.9  | 53.9  | 80.9   |
| 39       | 36.3  | 27.0  | 40.4   |

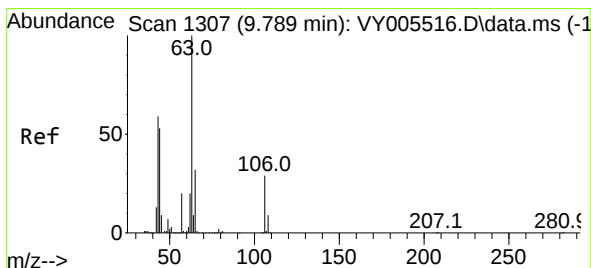
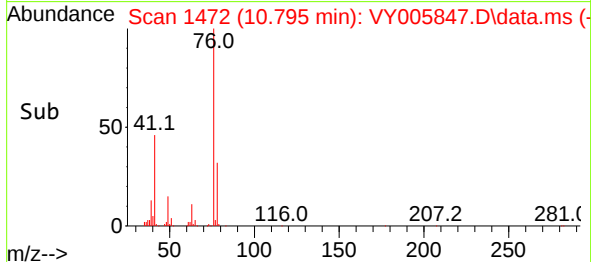
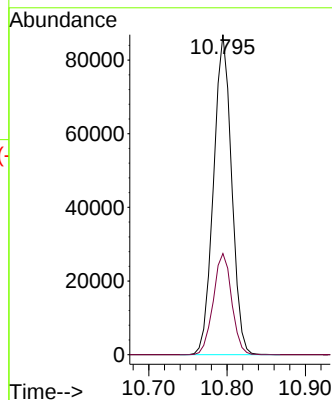
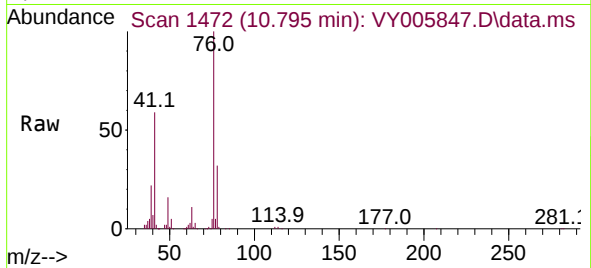




#57  
1,3-Dichloropropane  
Concen: 56.746 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

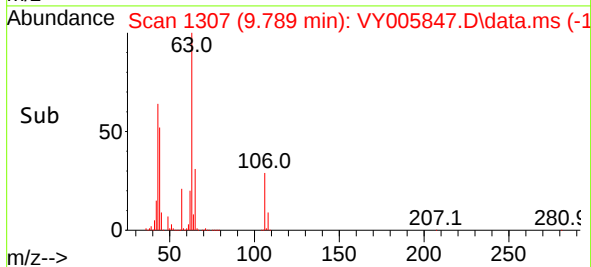
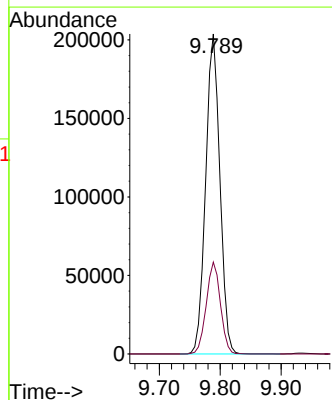
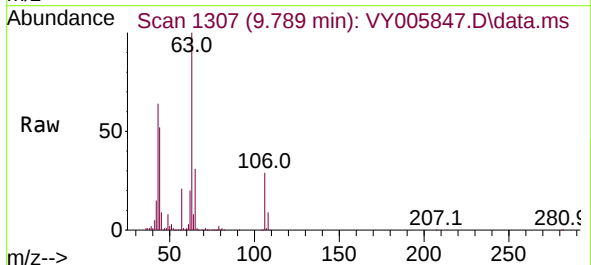
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

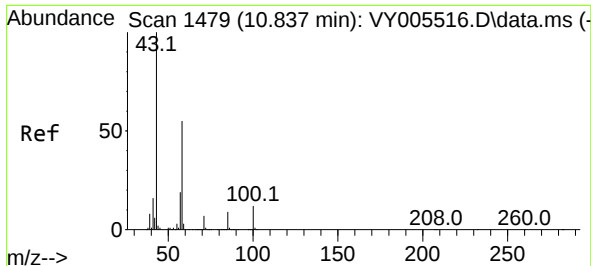
Tgt Ion: 76 Resp: 139144  
Ion Ratio Lower Upper  
76 100  
78 32.2 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 332.142 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 63 Resp: 330441  
Ion Ratio Lower Upper  
63 100  
106 28.6 23.1 34.7

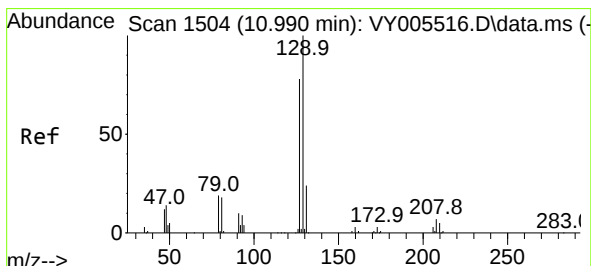
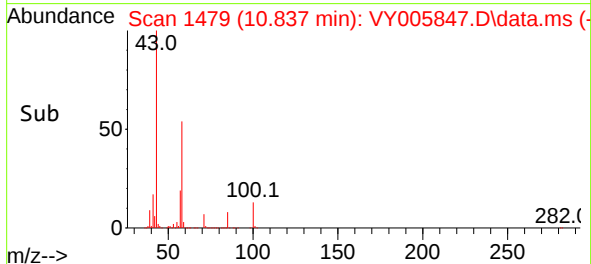
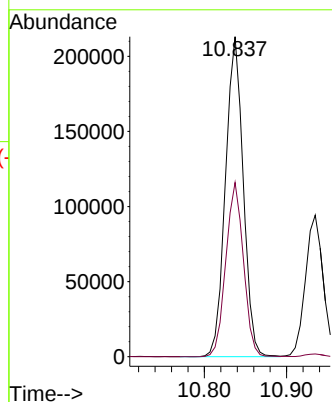
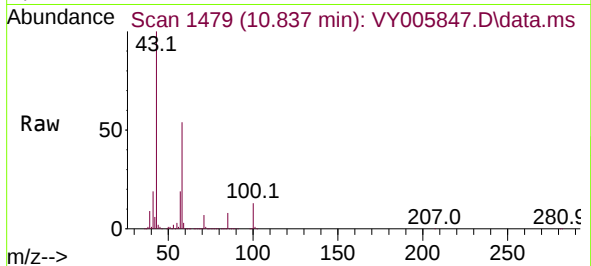




#59  
2-Hexanone  
Concen: 308.764 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

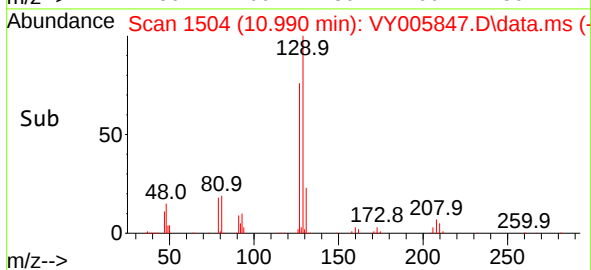
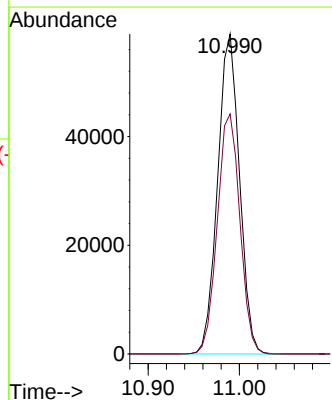
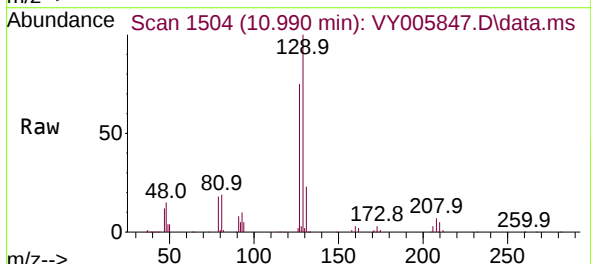
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

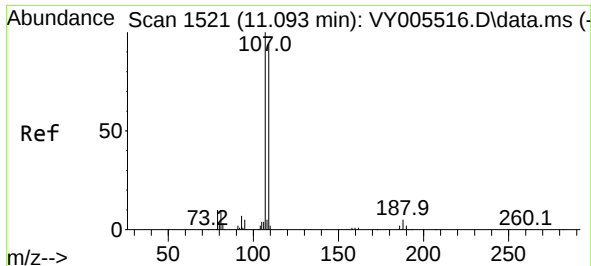
Tgt Ion: 43 Resp: 319797  
Ion Ratio Lower Upper  
43 100  
58 54.0 27.1 81.2



#60  
Dibromochloromethane  
Concen: 56.829 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 129 Resp: 97794  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.6 115.7

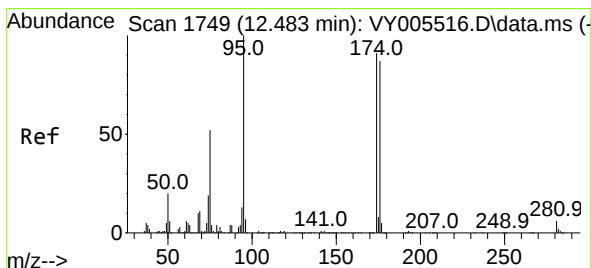
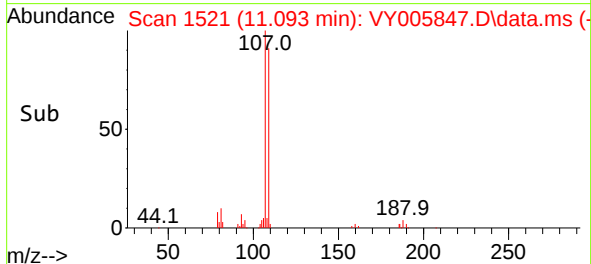
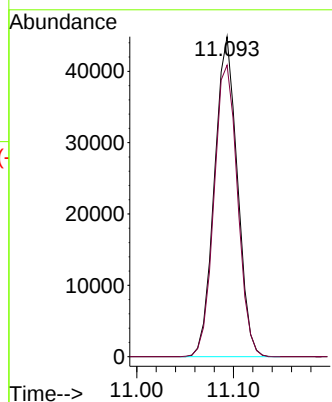
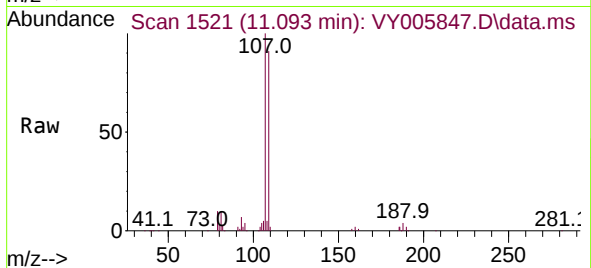




#61  
1,2-Dibromoethane  
Concen: 56.038 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

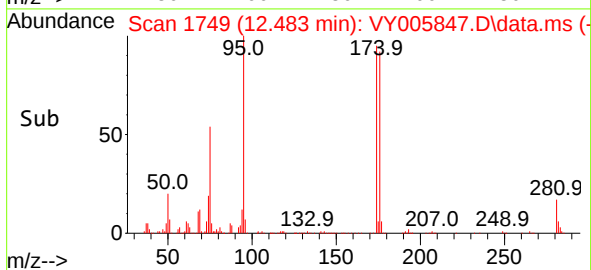
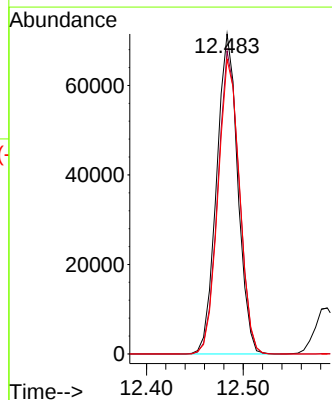
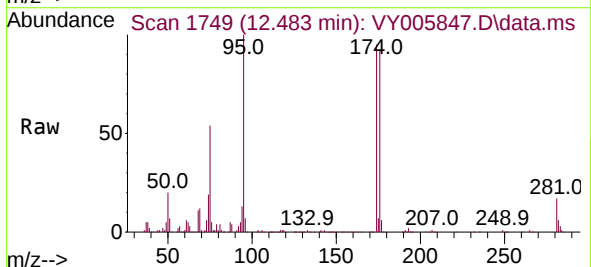
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

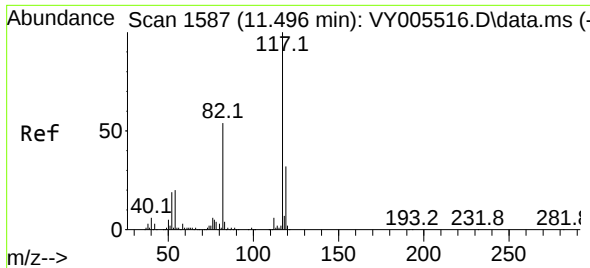
Tgt Ion:107 Resp: 73812  
Ion Ratio Lower Upper  
107 100  
109 93.4 74.7 112.1



#62  
4-Bromofluorobenzene  
Concen: 53.994 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 95 Resp: 108596  
Ion Ratio Lower Upper  
95 100  
174 95.2 0.0 191.4  
176 93.5 0.0 183.6

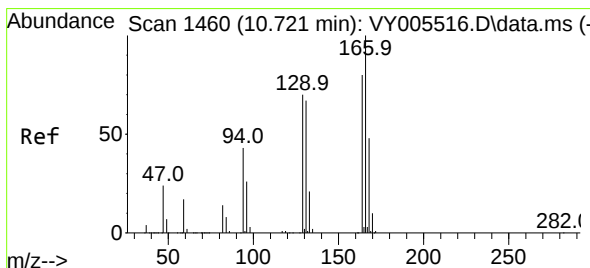
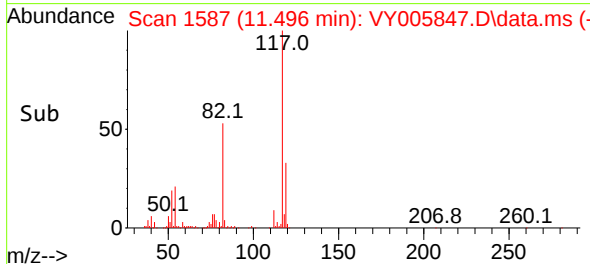
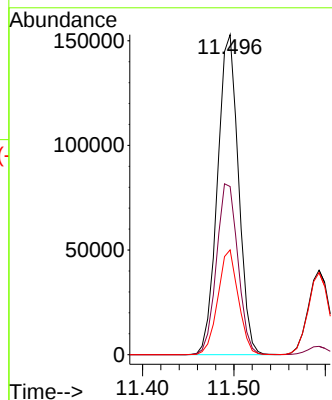
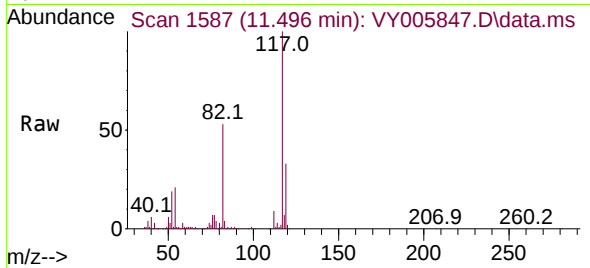




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

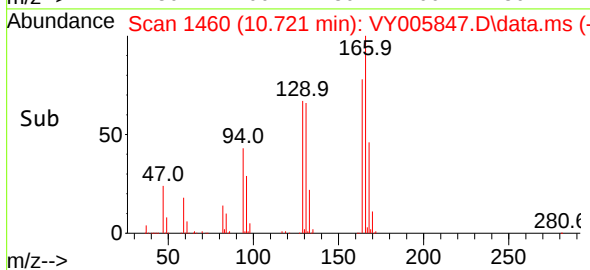
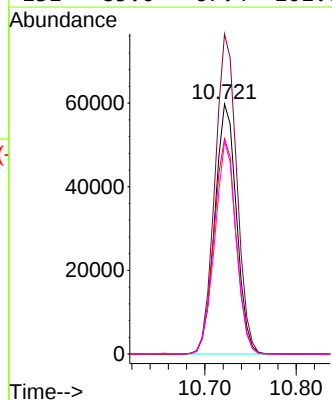
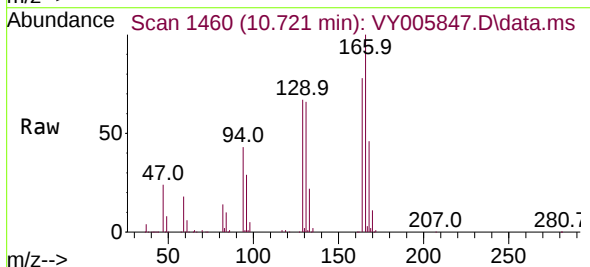
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

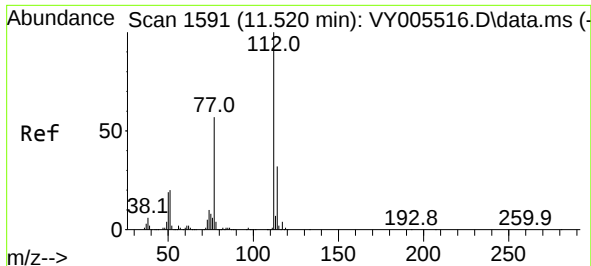
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 243874 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 52.6  | 43.5  | 65.3   |
| 119      | 32.8  | 25.5  | 38.3   |



#64  
Tetrachloroethene  
Concen: 52.982 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 98351 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 128.0 | 99.8  | 149.8 |
| 129      | 86.1  | 70.1  | 105.1 |
| 131      | 85.0  | 67.4  | 101.0 |

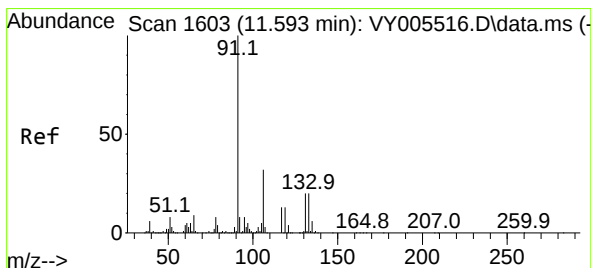
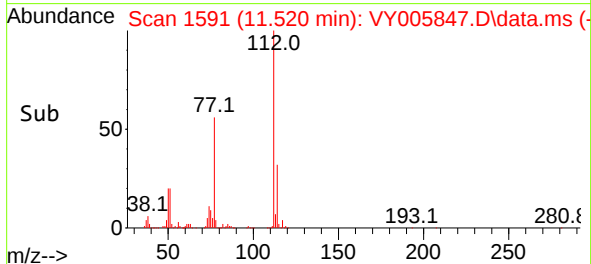
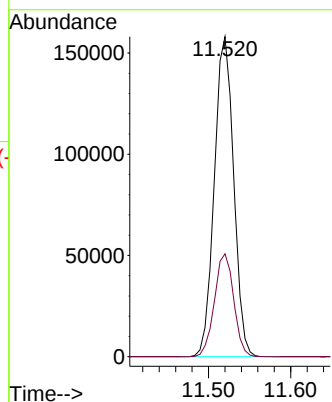
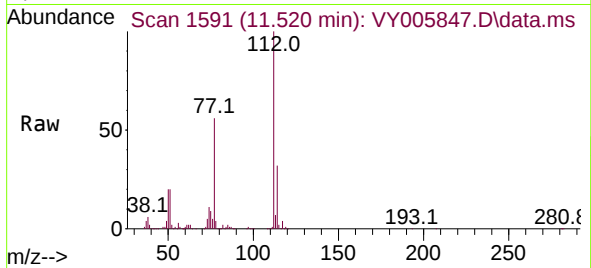




#65  
Chlorobenzene  
Concen: 52.620 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

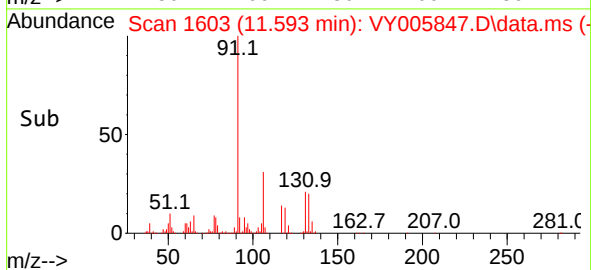
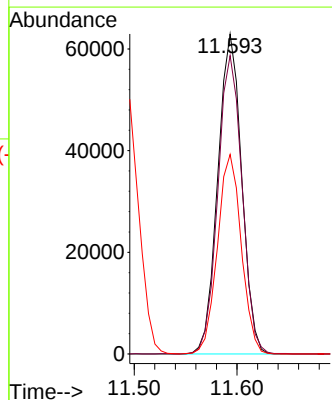
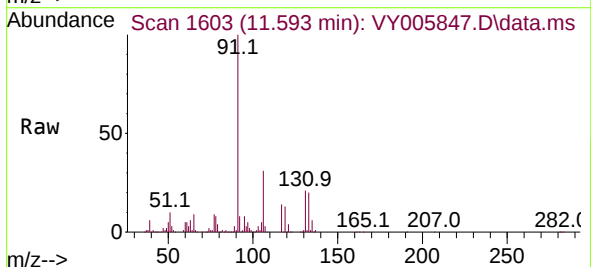
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

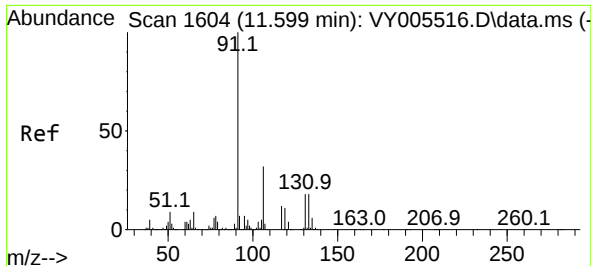
Tgt Ion:112 Resp: 258234  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.881 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion:131 Resp: 101370  
Ion Ratio Lower Upper  
131 100  
133 94.3 48.2 144.6  
119 62.3 31.4 94.0

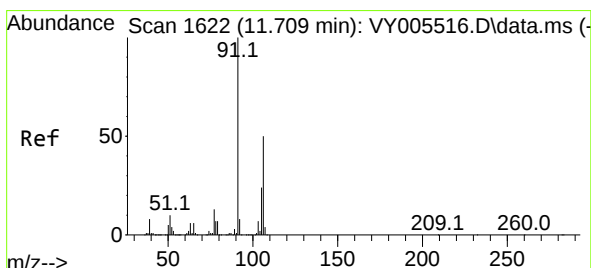
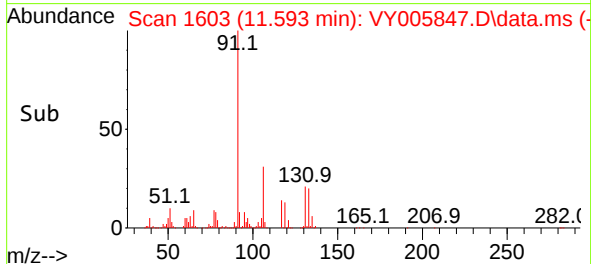
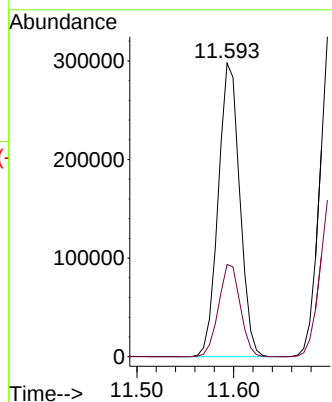
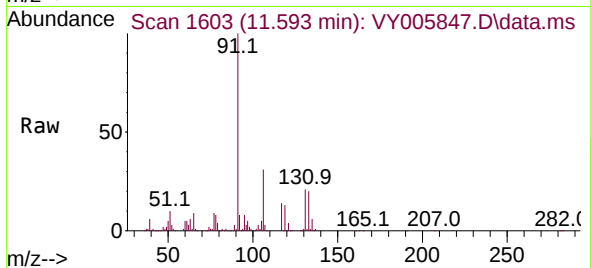




#67  
Ethyl Benzene  
Concen: 51.545 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

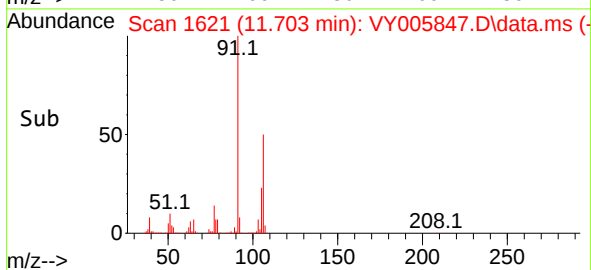
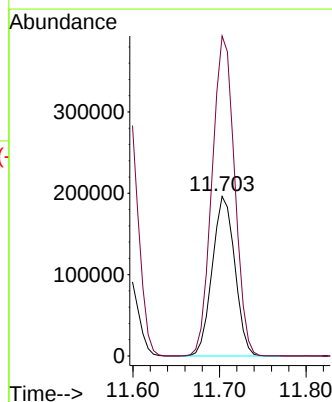
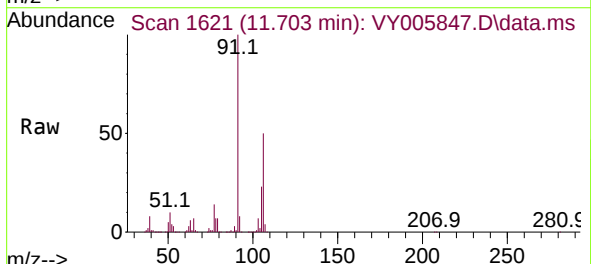
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

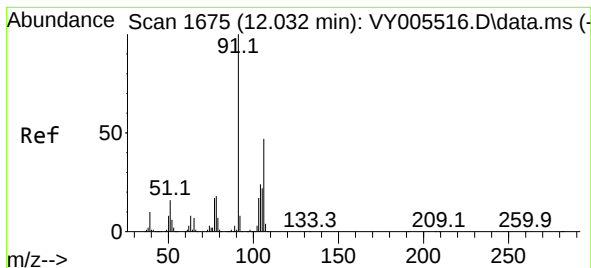
Tgt Ion: 91 Resp: 458693  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.8 38.6



#68  
m/p-Xylenes  
Concen: 102.659 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion:106 Resp: 354829  
Ion Ratio Lower Upper  
106 100  
91 200.9 159.6 239.4

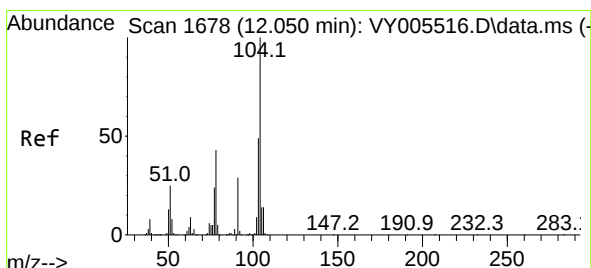
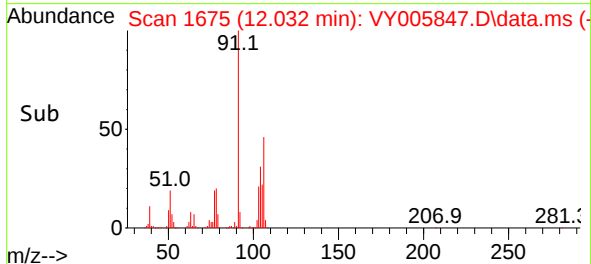
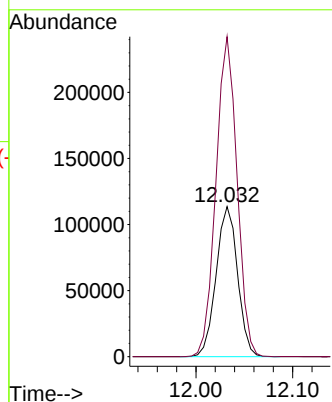
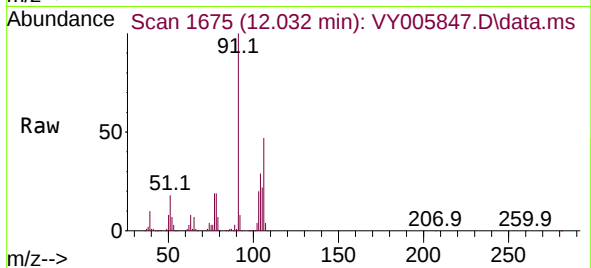




#69  
o-Xylene  
Concen: 52.606 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

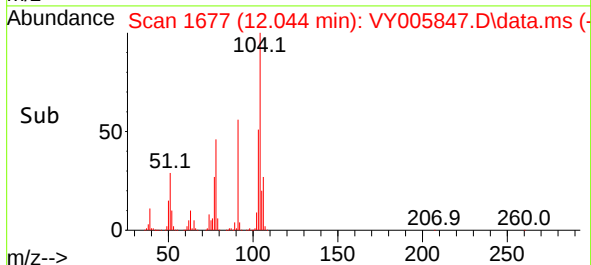
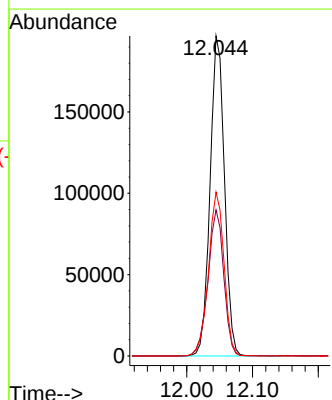
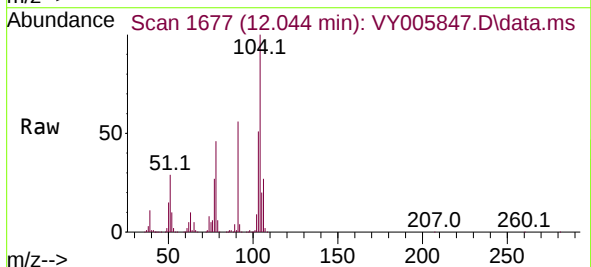
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

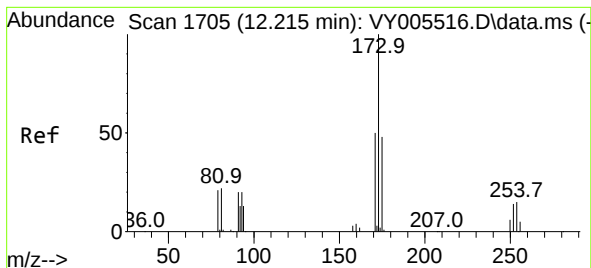
Tgt Ion:106 Resp: 174759  
Ion Ratio Lower Upper  
106 100  
91 210.0 106.2 318.6



#70  
Styrene  
Concen: 53.606 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion:104 Resp: 299755  
Ion Ratio Lower Upper  
104 100  
78 49.9 40.2 60.4  
103 55.3 43.8 65.8





#71

Bromoform

Concen: 57.947 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

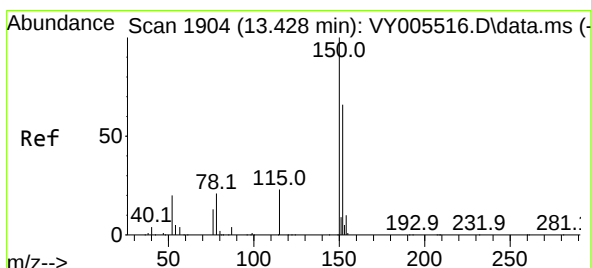
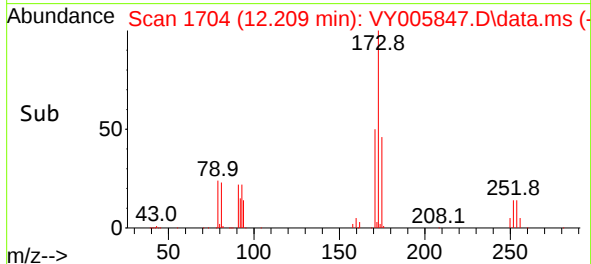
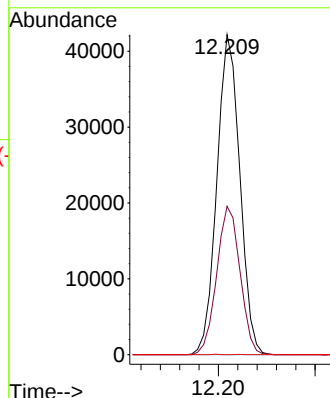
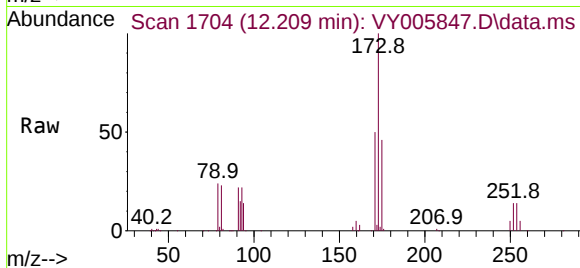
Tgt Ion:173 Resp: 69410

Ion Ratio Lower Upper

173 100

175 47.1 24.3 72.9

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

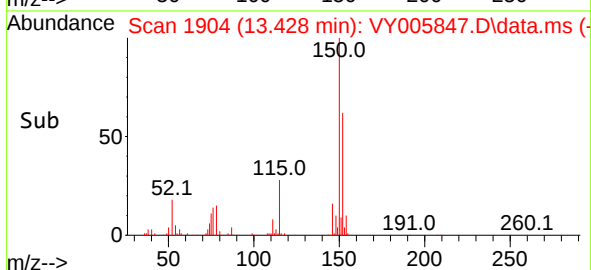
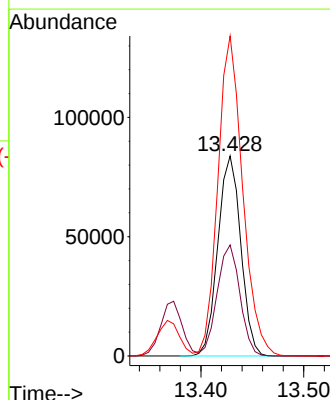
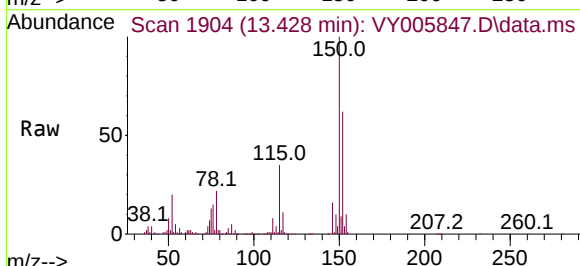
Tgt Ion:152 Resp: 129821

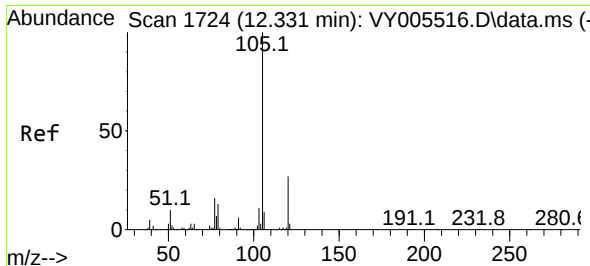
Ion Ratio Lower Upper

152 100

115 55.0 27.3 81.9

150 172.9 0.0 350.2

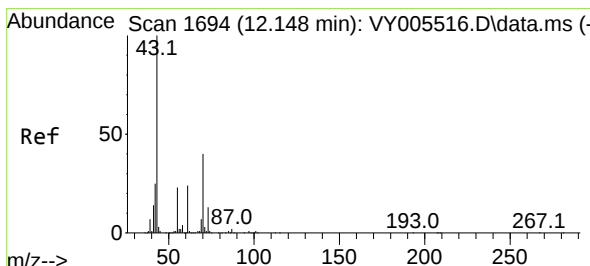
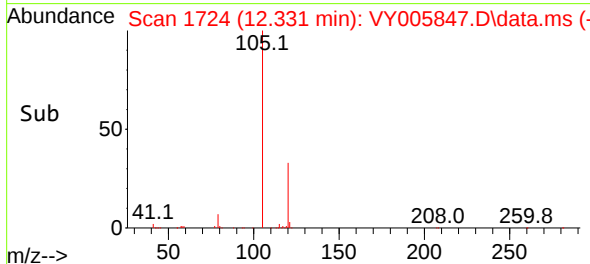
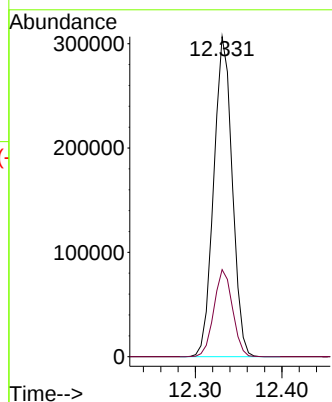
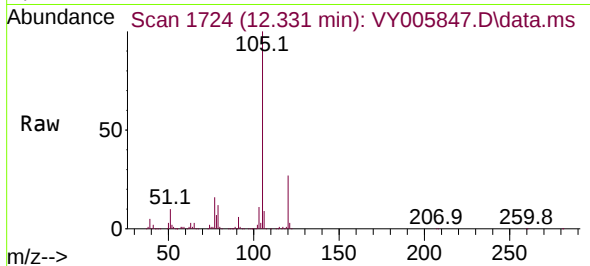




#73  
Isopropylbenzene  
Concen: 50.271 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

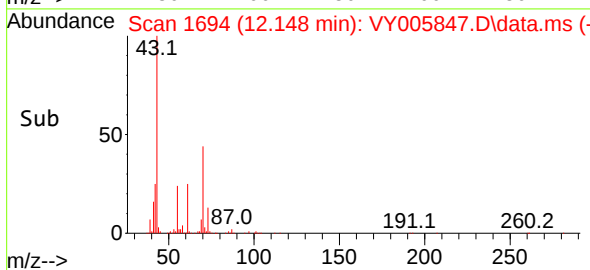
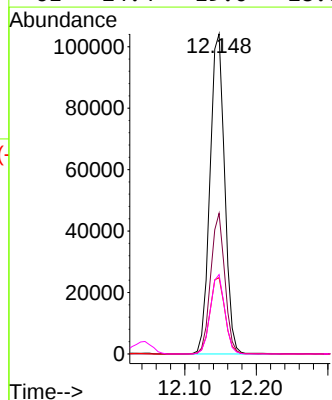
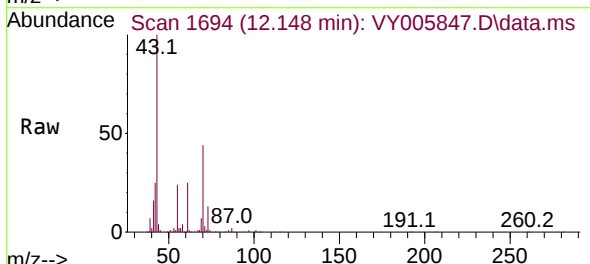
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

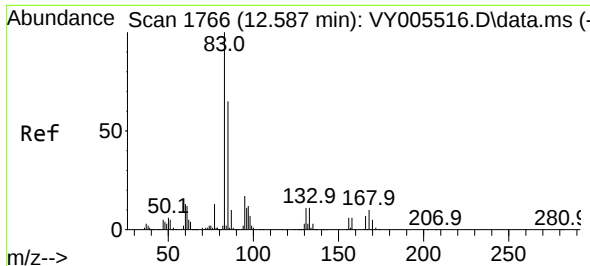
Tgt Ion:105 Resp: 455550  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.7 41.1



#74  
N-ethyl acetate  
Concen: 54.482 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 43 Resp: 148618  
Ion Ratio Lower Upper  
43 100  
70 42.2 32.9 49.3  
55 24.5 18.9 28.3  
61 24.4 19.0 28.6

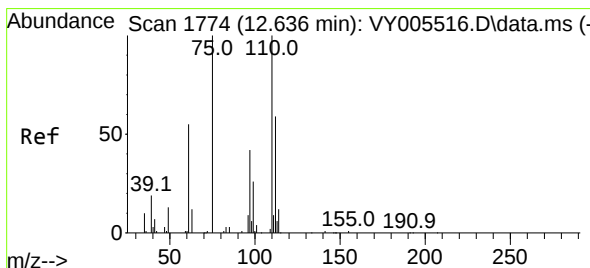
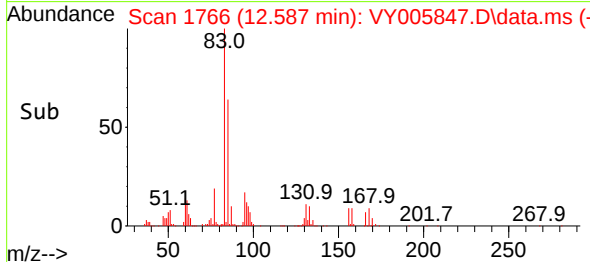
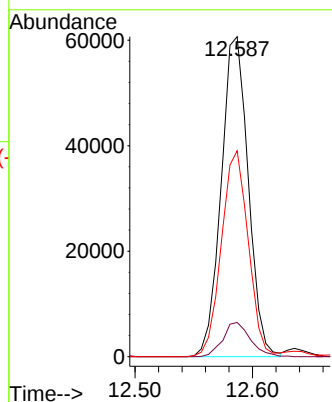
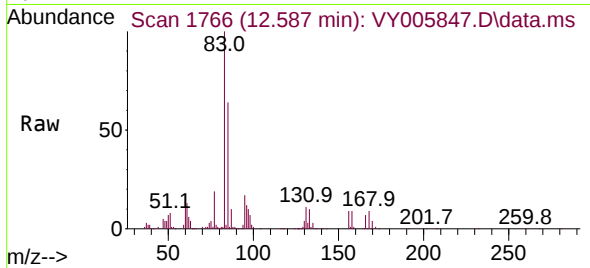




#75  
1,1,2,2-Tetrachloroethane  
Concen: 55.712 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

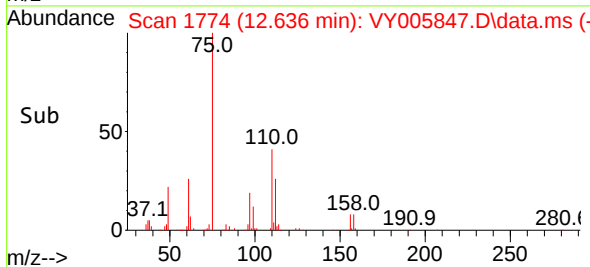
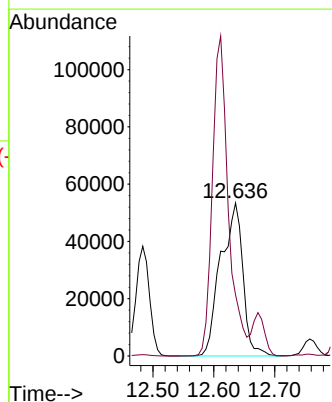
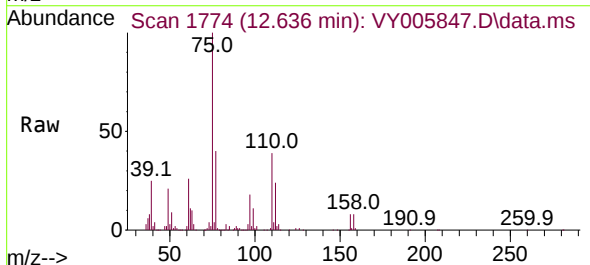
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

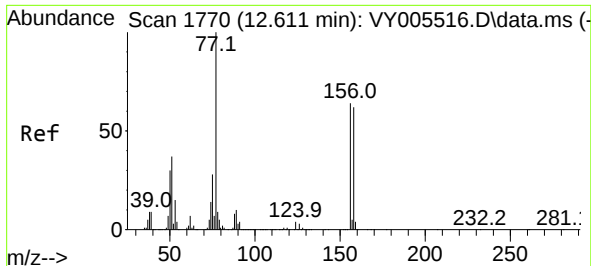
Tgt Ion: 83 Resp: 97104  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.6 16.8  
85 63.9 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 100.285 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 75 Resp: 134915  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

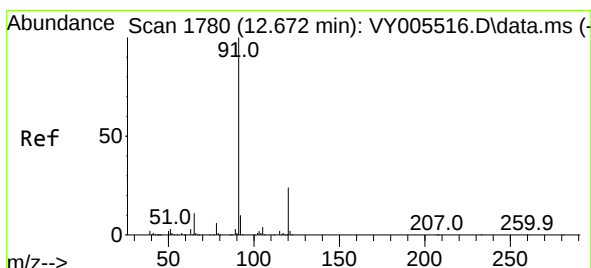
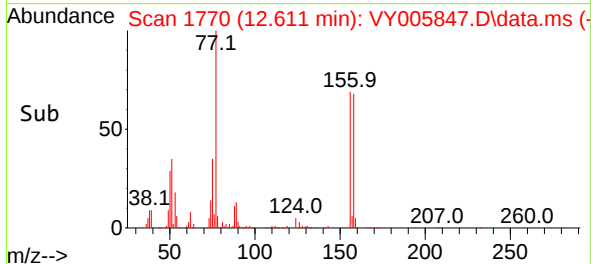
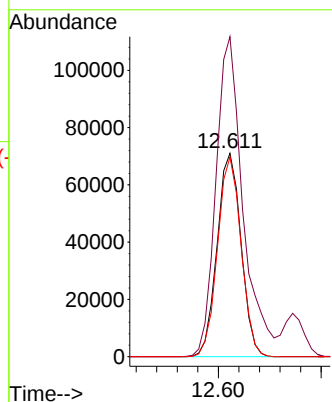
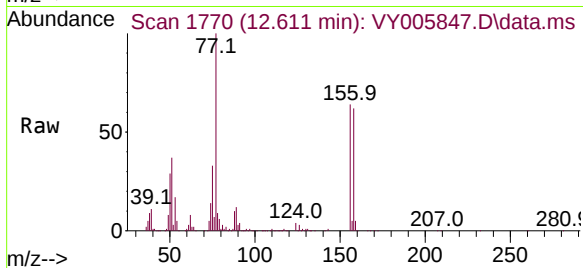




#77  
Bromobenzene  
Concen: 51.516 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

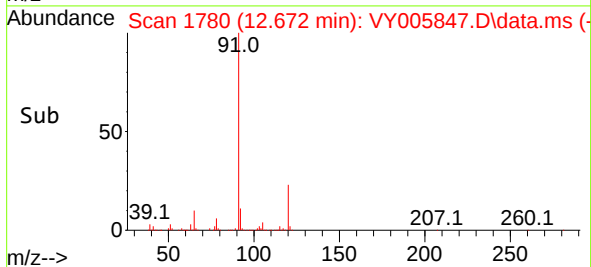
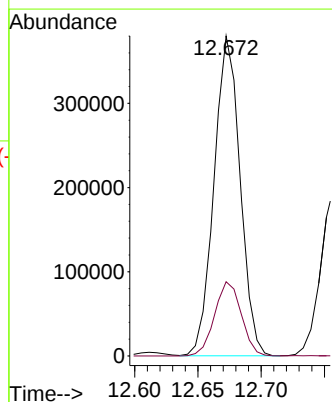
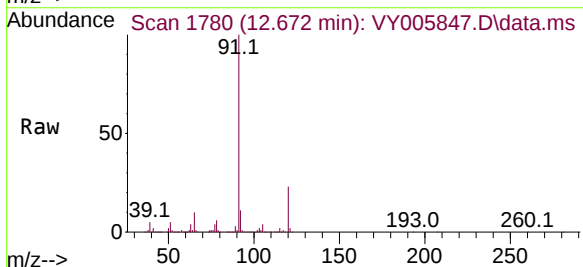
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

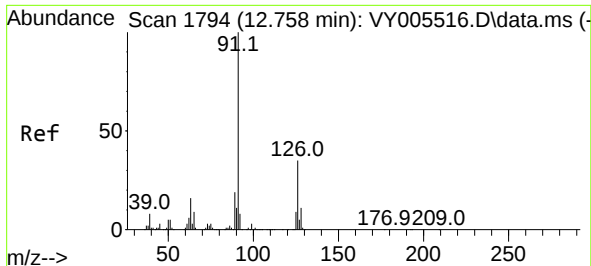
Tgt Ion:156 Resp: 114694  
Ion Ratio Lower Upper  
156 100  
77 177.1 85.5 256.5  
158 96.5 48.5 145.6



#78  
n-propylbenzene  
Concen: 50.568 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 91 Resp: 544251  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.9 35.9

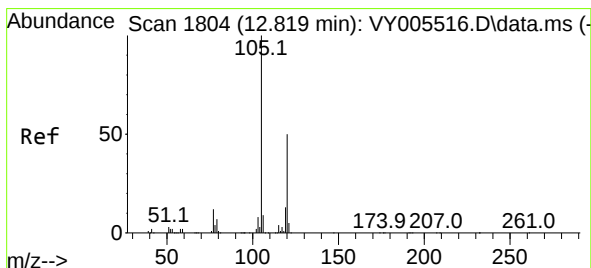
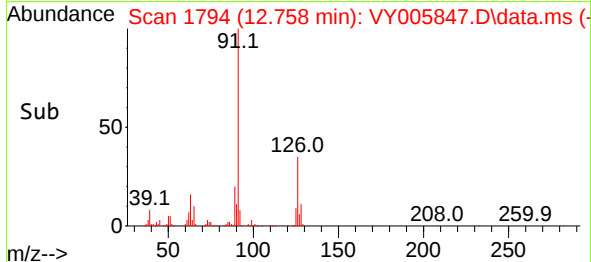
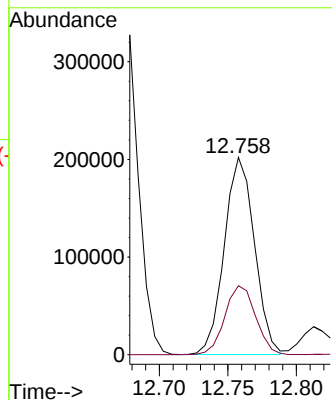
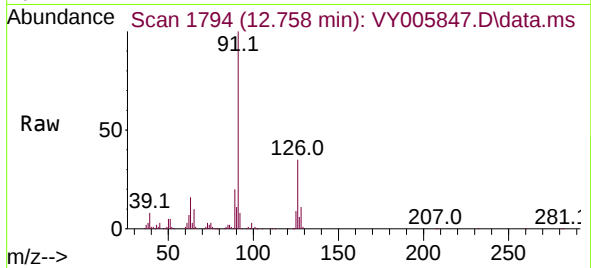




#79  
2-Chlorotoluene  
Concen: 51.197 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

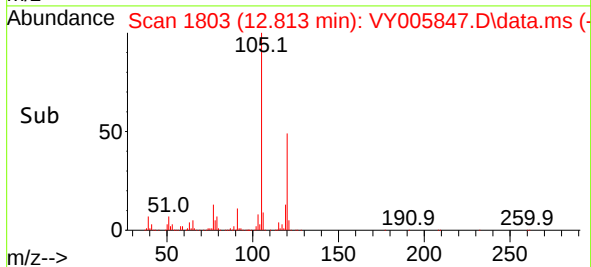
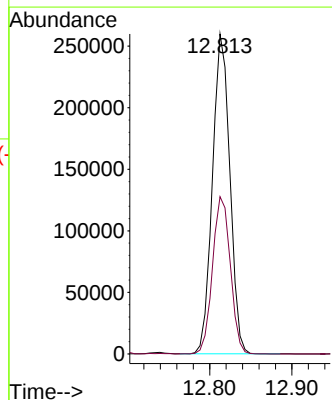
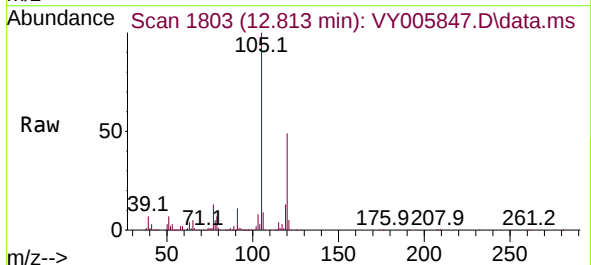
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

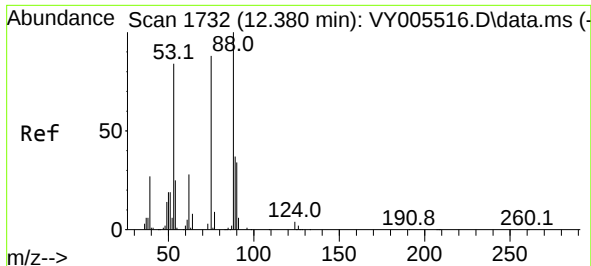
Tgt Ion: 91 Resp: 309412  
Ion Ratio Lower Upper  
91 100  
126 35.6 17.5 52.6



#80  
1,3,5-Trimethylbenzene  
Concen: 50.753 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 105 Resp: 381685  
Ion Ratio Lower Upper  
105 100  
120 50.3 25.0 75.0

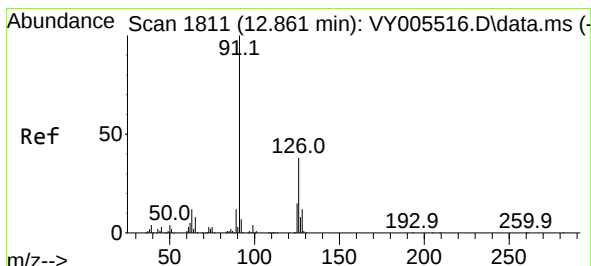
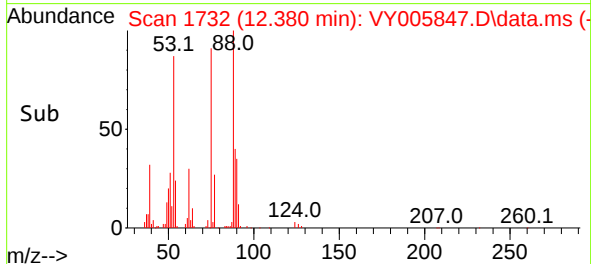
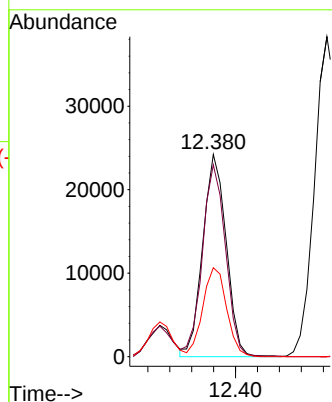
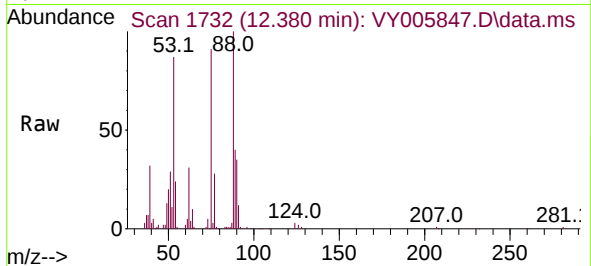




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.068 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

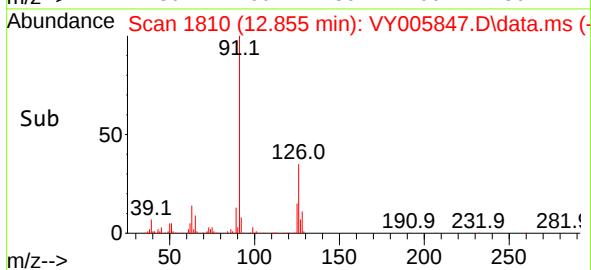
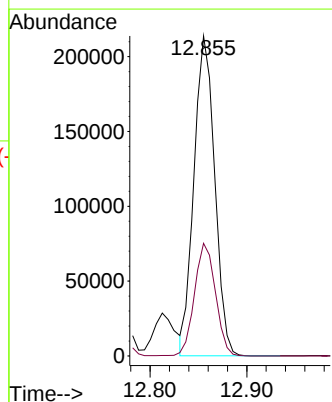
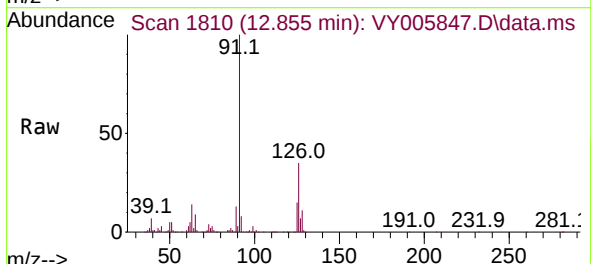
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

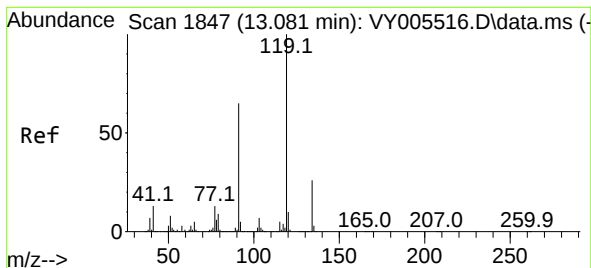
Tgt Ion: 75 Resp: 36083  
Ion Ratio Lower Upper  
75 100  
53 93.9 76.7 115.1  
89 44.5 38.4 57.6



#82  
4-Chlorotoluene  
Concen: 50.920 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 91 Resp: 318411  
Ion Ratio Lower Upper  
91 100  
126 35.8 17.5 52.5

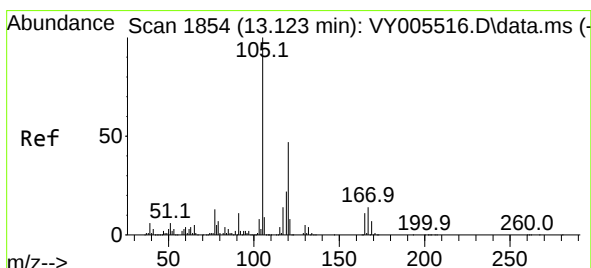
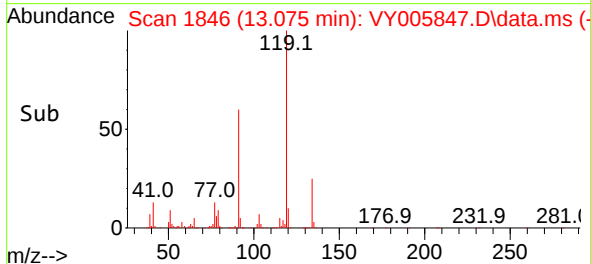
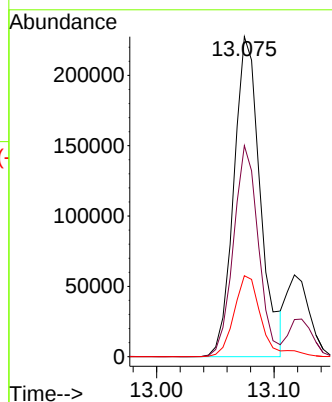
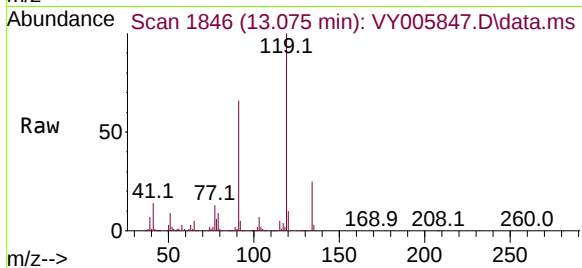




#83  
tert-Butylbenzene  
Concen: 52.757 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

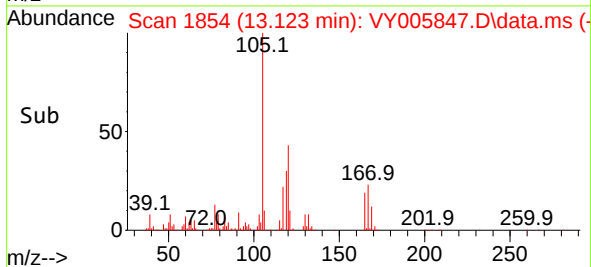
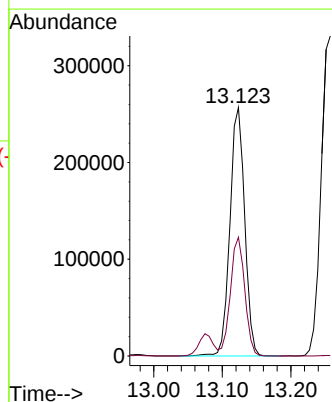
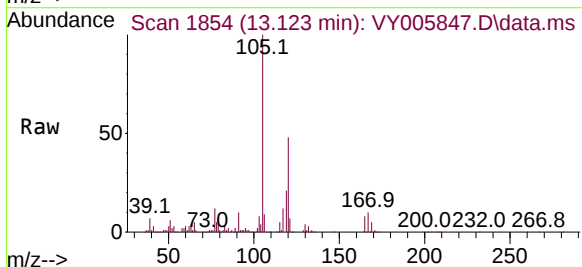
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

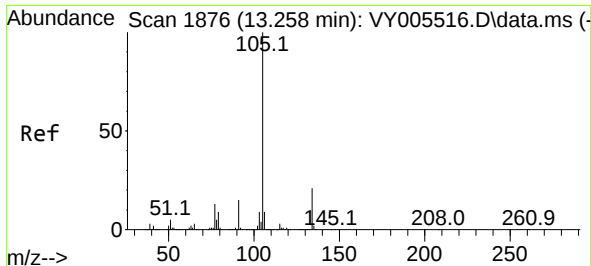
Tgt Ion:119 Resp: 356014  
Ion Ratio Lower Upper  
119 100  
91 62.3 31.9 95.9  
134 26.1 13.4 40.2



#84  
1,2,4-Trimethylbenzene  
Concen: 51.745 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion:105 Resp: 383978  
Ion Ratio Lower Upper  
105 100  
120 46.6 22.9 68.5

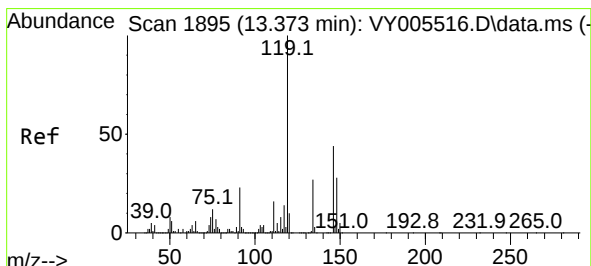
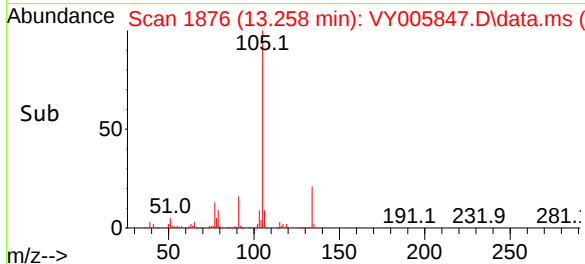
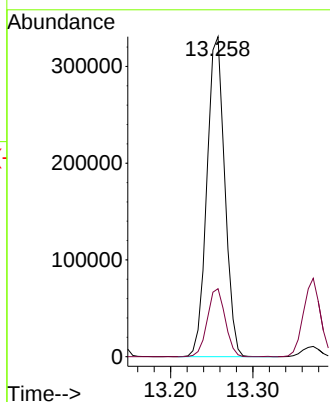
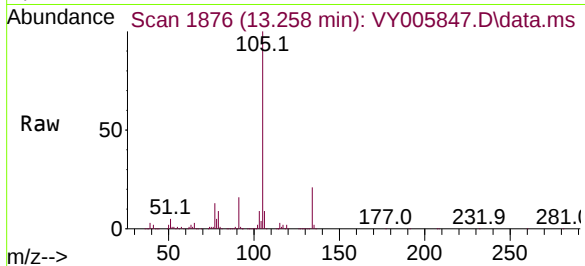




#85  
 sec-Butylbenzene  
 Concen: 51.224 ug/l  
 RT: 13.258 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY005847.D  
 Acq: 25 Aug 2021 17:57

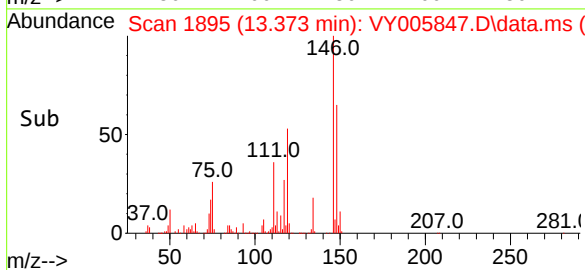
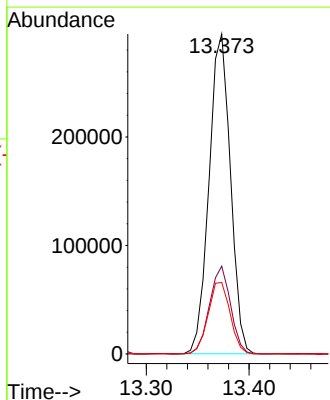
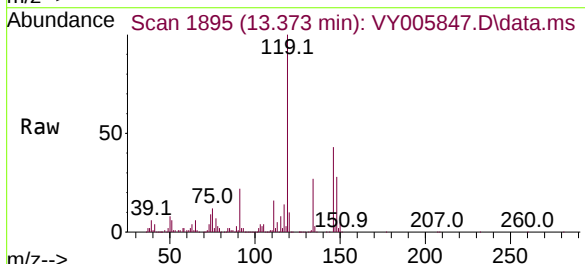
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

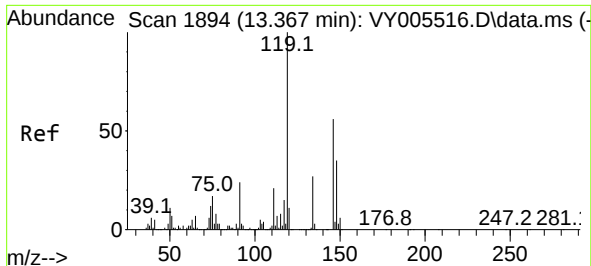
Tgt Ion:105 Resp: 498580  
 Ion Ratio Lower Upper  
 105 100  
 134 21.3 10.5 31.5



#86  
 p-Isopropyltoluene  
 Concen: 50.885 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY005847.D  
 Acq: 25 Aug 2021 17:57

Tgt Ion:119 Resp: 425226  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 13.6 40.7  
 91 23.2 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 51.382 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

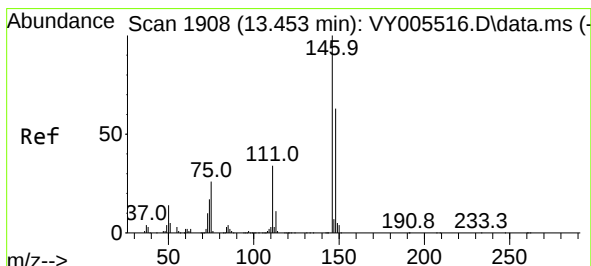
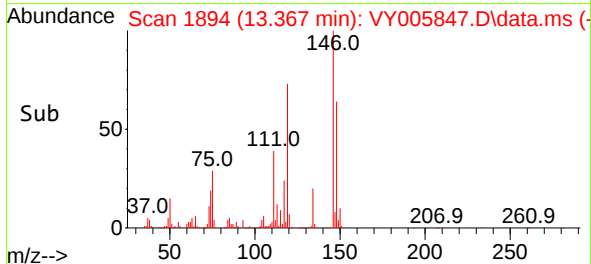
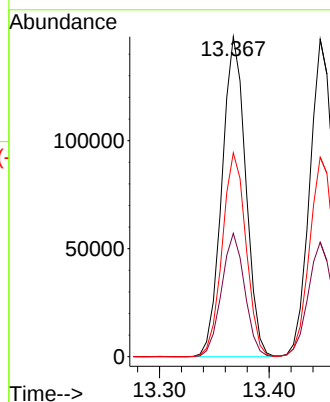
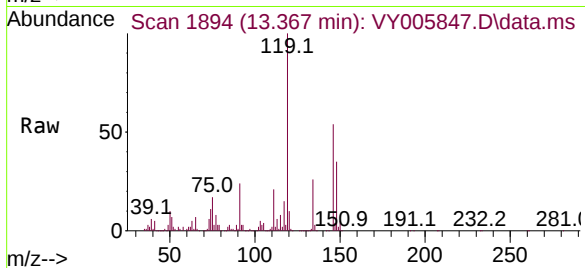
Tgt Ion:146 Resp: 223212

Ion Ratio Lower Upper

146 100

111 37.5 18.6 56.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.289 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY005847.D

Acq: 25 Aug 2021 17:57

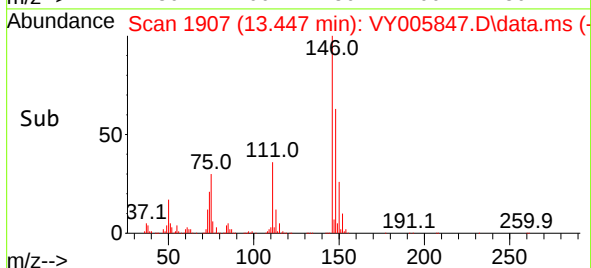
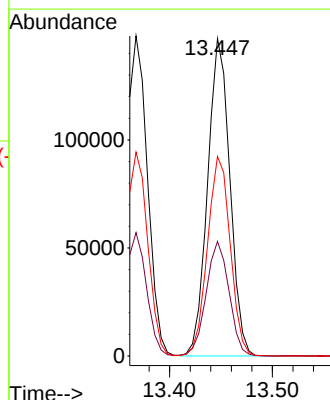
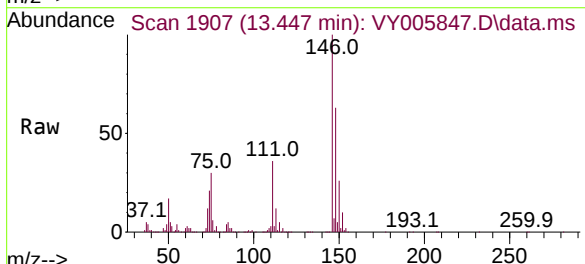
Tgt Ion:146 Resp: 221031

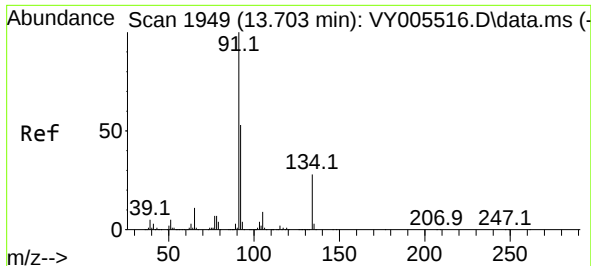
Ion Ratio Lower Upper

146 100

111 37.1 18.1 54.3

148 64.3 31.8 95.3

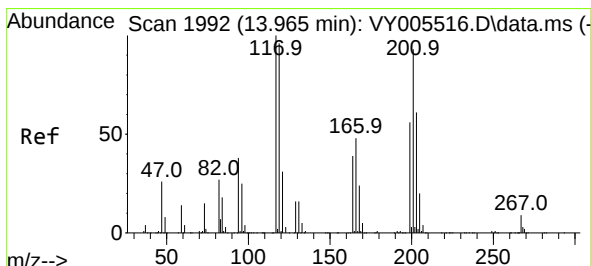
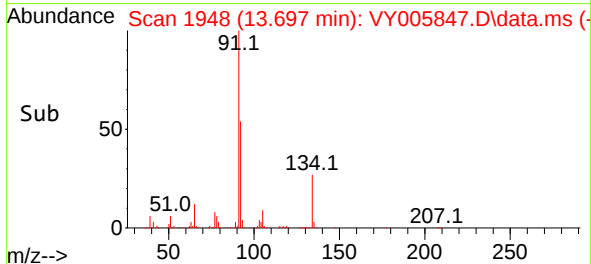
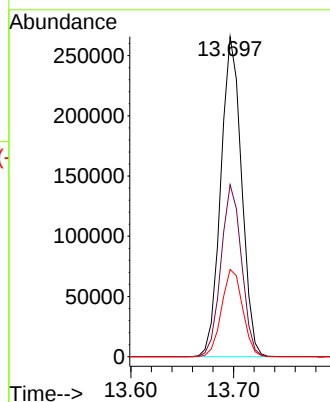
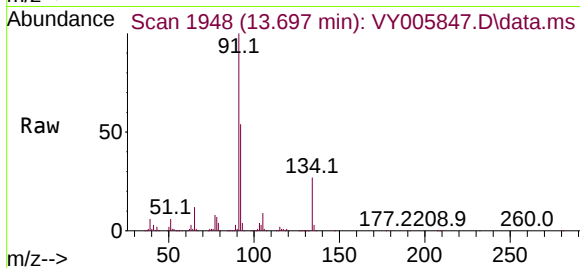




#89  
n-Butylbenzene  
Concen: 49.135 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

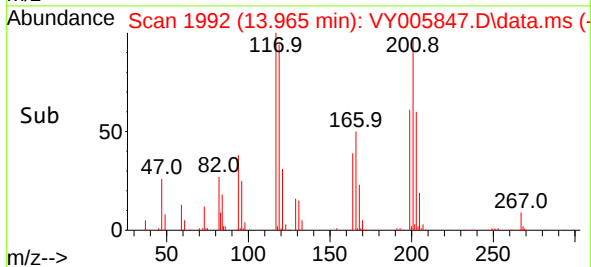
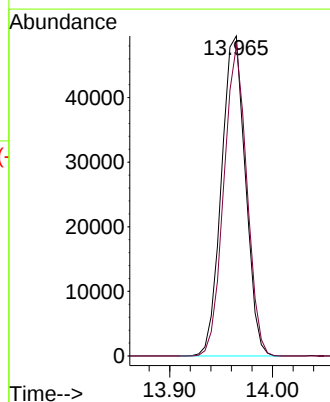
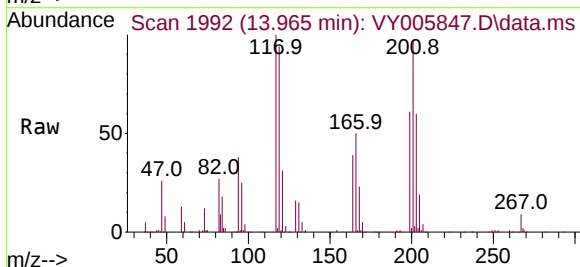
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

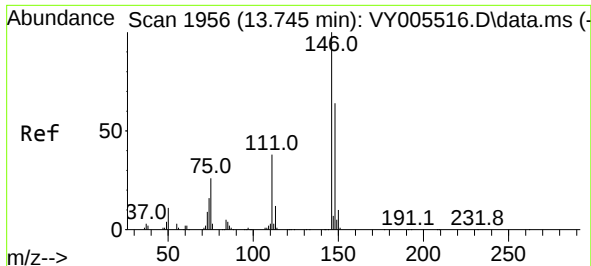
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 371985 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.2  | 26.7  | 80.1   |
| 134      | 27.7  | 13.8  | 41.4   |



#90  
Hexachloroethane  
Concen: 53.455 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 80312 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 92.8  | 46.7  | 140.1 |

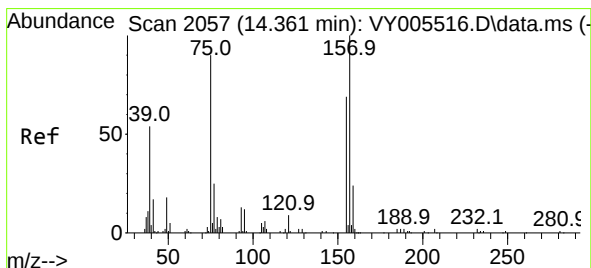
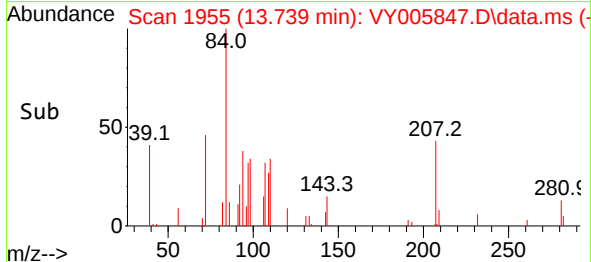
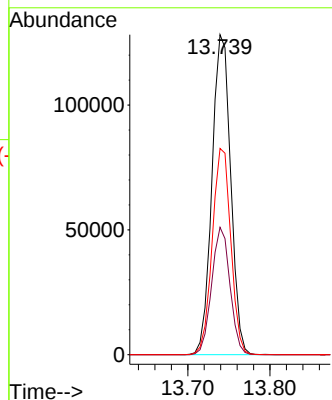
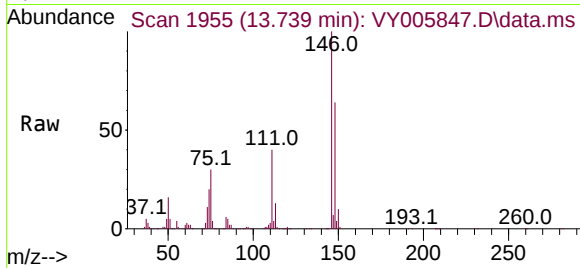




#91  
1,2-Dichlorobenzene  
Concen: 52.804 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

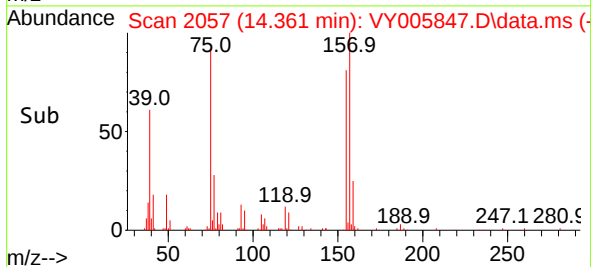
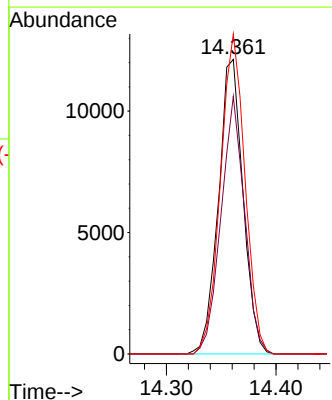
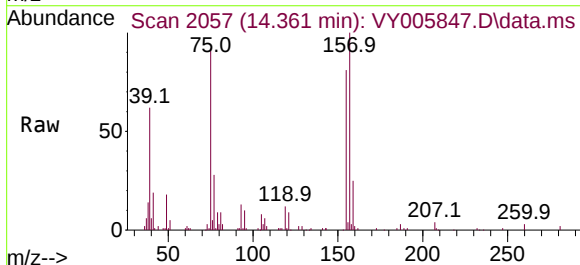
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

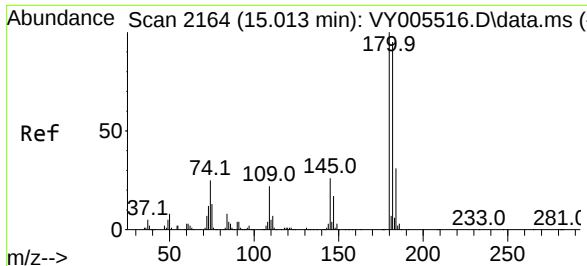
Tgt Ion:146 Resp: 202621  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.4 58.2  
148 63.9 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 57.262 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion: 75 Resp: 18920  
Ion Ratio Lower Upper  
75 100  
155 83.6 42.4 127.1  
157 108.0 56.0 168.2

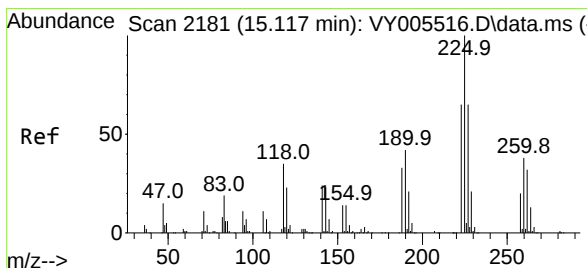
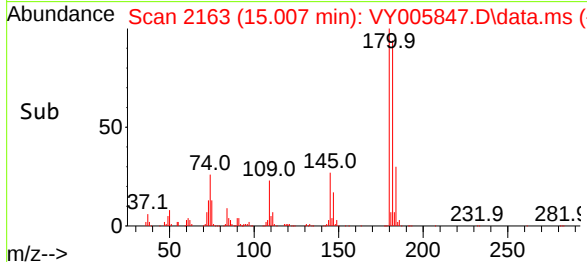
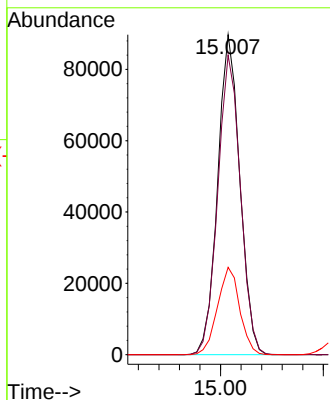
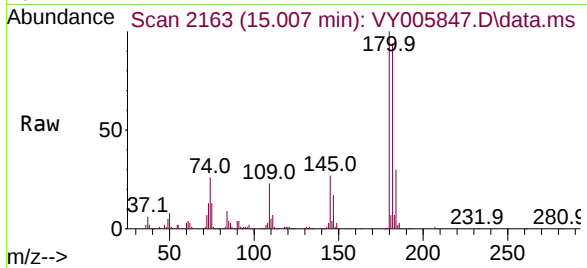




#93  
1,2,4-Trichlorobenzene  
Concen: 50.890 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

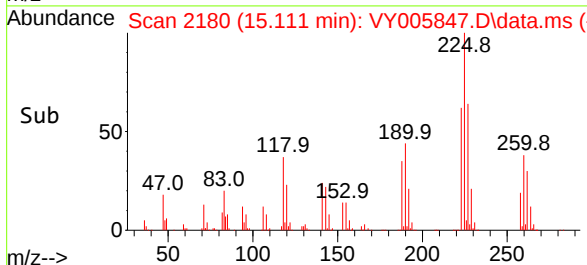
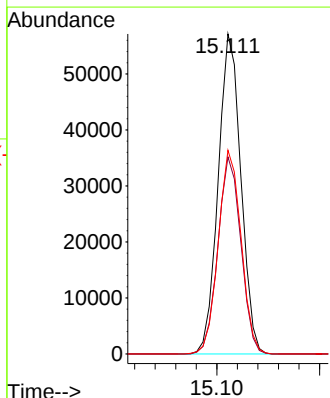
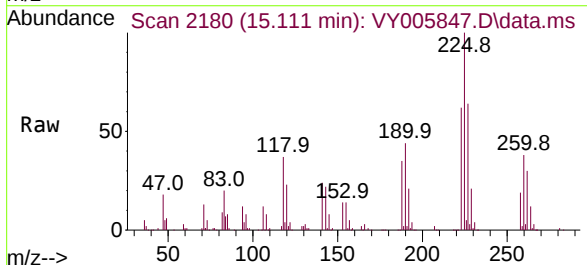
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

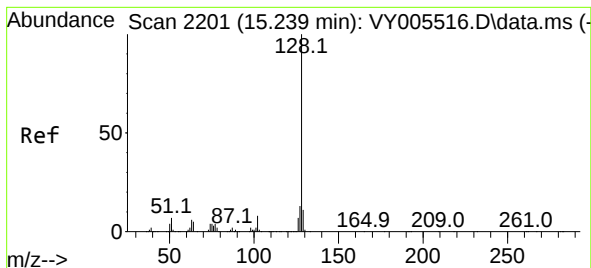
Tgt Ion:180 Resp: 134140  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.8 143.4  
145 27.3 14.0 42.0



#94  
Hexachlorobutadiene  
Concen: 51.235 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.006 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion:225 Resp: 87443  
Ion Ratio Lower Upper  
225 100  
223 62.2 31.4 94.0  
227 64.1 32.2 96.6

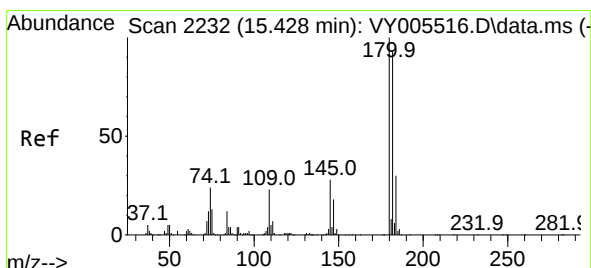
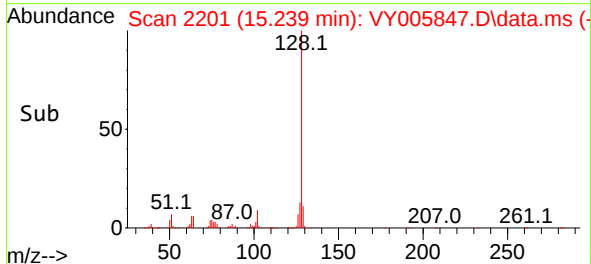
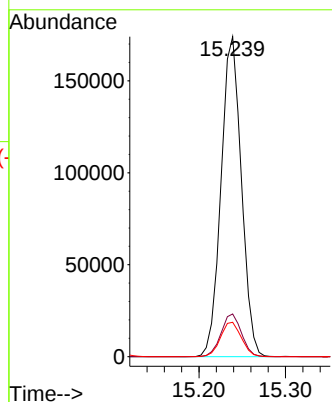
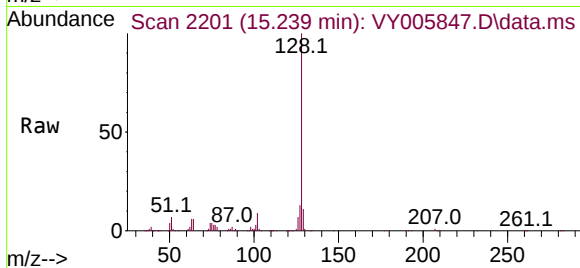




#95  
Naphthalene  
Concen: 54.584 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 283621  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.6 15.8  
129 11.1 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 52.605 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY005847.D  
Acq: 25 Aug 2021 17:57

Tgt Ion:180 Resp: 122845  
Ion Ratio Lower Upper  
180 100  
182 94.3 47.9 143.6  
145 28.9 14.6 44.0

