

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080521\  
 Data File : VY0805544.D  
 Acq On : 05 Aug 2021 09:56  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 06 04:35:32 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      | 7.795  | 168  | 316063   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 456637   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.495 | 117  | 411695   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 204289   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 146681   | 45.847   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 91.700% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 124619   | 48.744   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 97.480% |
| 50) Toluene-d8              | 10.185 | 98    | 520522   | 48.546   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 97.100% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 170026   | 47.886   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 95.780% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.912 | 85  | 106830  | 41.153  | ug/l   | 96  |
| 3) Chloromethane             | 2.119 | 50  | 134155  | 43.263  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.259 | 62  | 168101  | 45.259  | ug/l   | 100 |
| 5) Bromomethane              | 2.656 | 94  | 108075  | 44.207  | ug/l   | 97  |
| 6) Chloroethane              | 2.802 | 64  | 108891  | 48.570  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.137 | 101 | 239640  | 48.189  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.540 | 74  | 80430   | 46.308  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 3.911 | 101 | 136637  | 50.655  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.100 | 142 | 171395  | 51.002  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.966 | 59  | 61021   | 192.935 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 134850  | 49.507  | ug/l   | 98  |
| 13) Acrolein                 | 3.741 | 56  | 40585   | 212.684 | ug/l   | 97  |
| 14) Allyl chloride           | 4.491 | 41  | 241429  | 50.606  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.173 | 53  | 197262  | 221.611 | ug/l   | 99  |
| 16) Acetone                  | 3.954 | 43  | 224242  | 277.998 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.204 | 76  | 403385  | 48.042  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.485 | 43  | 87236   | 41.351  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.234 | 73  | 398053  | 47.173  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.728 | 84  | 166081  | 52.214  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.228 | 96  | 150320  | 49.361  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.125 | 45  | 499520  | 50.753  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.070 | 43  | 1562003 | 238.477 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.027 | 63  | 280668  | 51.458  | ug/l   | 99  |
| 25) 2-Butanone               | 6.996 | 43  | 283436  | 237.710 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 6.990 | 77  | 258291  | 51.831  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.996 | 96  | 173786  | 50.176  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.344 | 49  | 101148  | 46.463  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.356 | 42  | 165425  | 209.757 | ug/l   | 99  |
| 30) Chloroform               | 7.514 | 83  | 278123  | 49.959  | ug/l   | 99  |
| 31) Cyclohexane              | 7.789 | 56  | 265693  | 48.416  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.710 | 97  | 258320  | 50.477  | ug/l   | 100 |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 220604  | 51.508  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.082 | 43  | 113139  | 43.605  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 235633  | 50.621  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.185 | 83  | 279251  | 51.248  | ug/l   | 99  |
| 40) Benzene                  | 8.167 | 78  | 625114  | 50.968  | ug/l   | 100 |

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 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 06 04:35:32 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         | 7.350  | 41   | 157147   | 111.625 | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 190284   | 47.830  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.277  | 43   | 223745   | 45.548  | ug/l   | 99       |
| 44) Trichloroethene           | 8.941  | 130  | 170176   | 50.838  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 156482   | 50.999  | ug/l   | 99       |
| 46) Dibromomethane            | 9.307  | 93   | 81414    | 47.987  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.502  | 83   | 214187   | 50.443  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.295  | 41   | 100852   | 45.428  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 20913    | 886.936 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 574238   | 221.972 | ug/l   | 99       |
| 52) Toluene                   | 10.246 | 92   | 395870   | 50.620  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 232817   | 49.063  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 260503   | 50.585  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 118712   | 48.359  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 173489   | 47.198  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 208941   | 48.267  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.788  | 63   | 422549   | 240.585 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 428398   | 234.294 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.989 | 129  | 146366   | 48.179  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 110281   | 47.426  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 159367   | 50.855  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.520 | 112  | 421742   | 50.906  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 158244   | 50.749  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 773660   | 51.499  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 601881   | 103.153 | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 285596   | 50.926  | ug/l   | 100      |
| 70) Styrene                   | 12.044 | 104  | 481954   | 51.056  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 95957    | 47.454  | ug/l   | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 759087   | 53.232  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 208881   | 48.661  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 131386   | 47.903  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 183860   | 86.848  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 180801   | 51.607  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 915657   | 54.064  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 506458   | 53.254  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 628001   | 53.066  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 51594    | 49.129  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 518787   | 52.721  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.074 | 119  | 553025   | 52.078  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 621823   | 53.251  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 824638   | 53.840  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 703195   | 53.474  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 355731   | 52.037  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 348753   | 51.427  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.696 | 91   | 651744   | 54.706  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.965 | 117  | 126293   | 53.418  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 308361   | 51.068  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 23449    | 45.100  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 218239   | 52.615  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 143594   | 53.466  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 396819   | 48.531  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 187227   | 50.949  | ug/l   | 100      |

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Acq On : 05 Aug 2021 09:56  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Aug 06 04:35:32 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

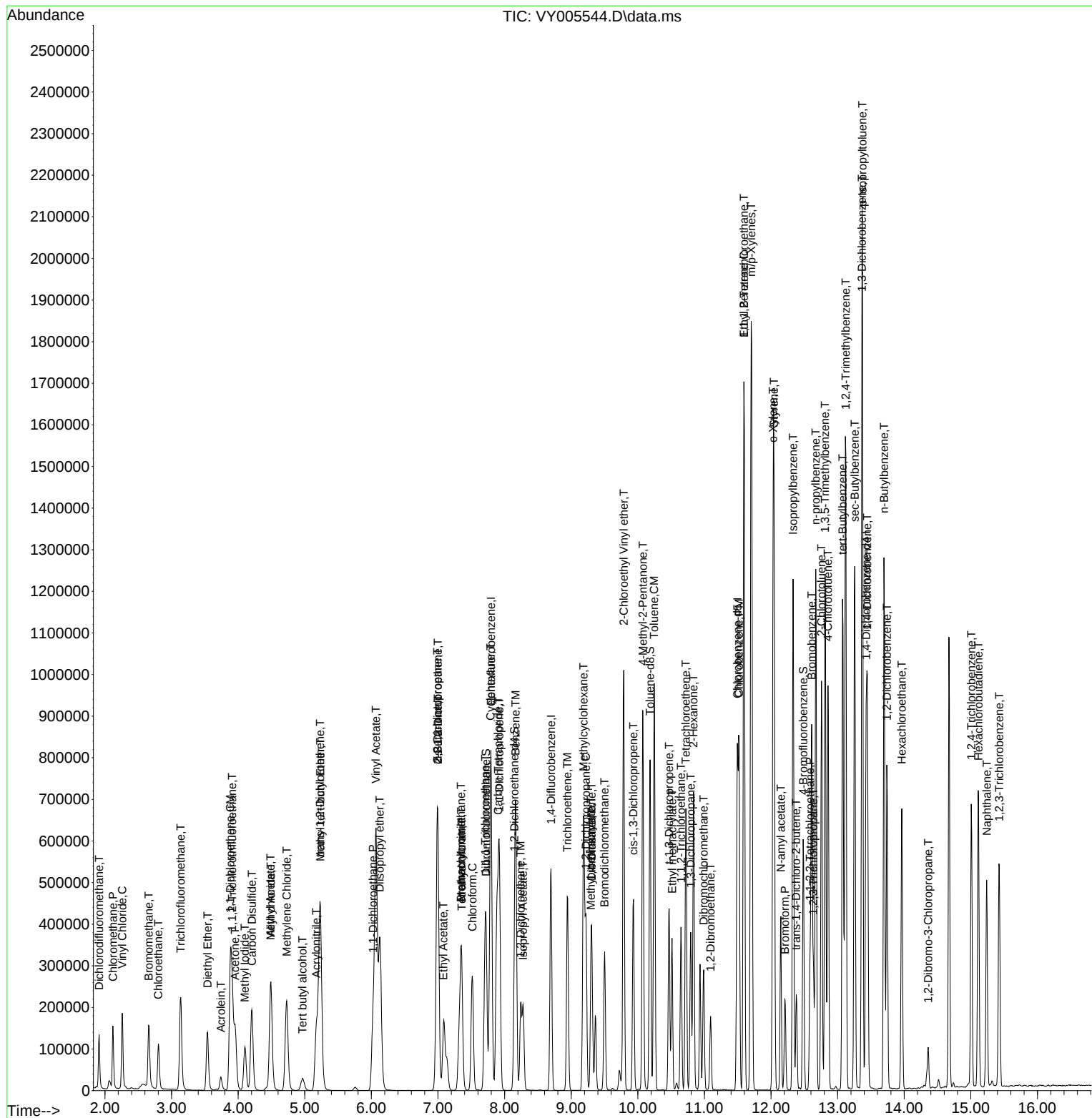
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

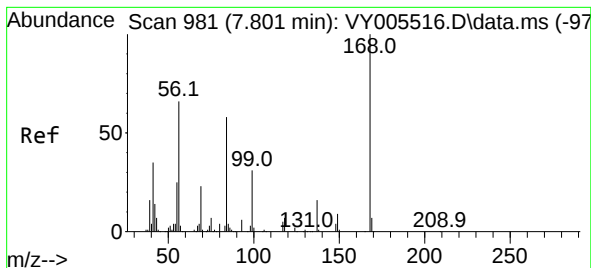
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080521\  
 Data File : VY0805544.D  
 Acq On : 05 Aug 2021 09:56  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 06 04:35:32 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY005544.D

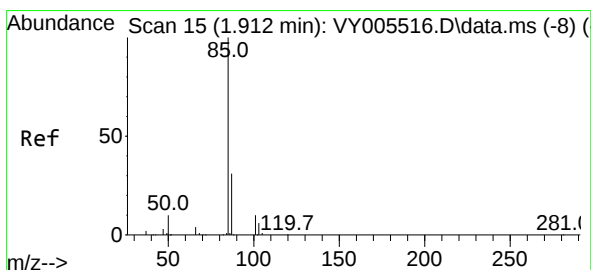
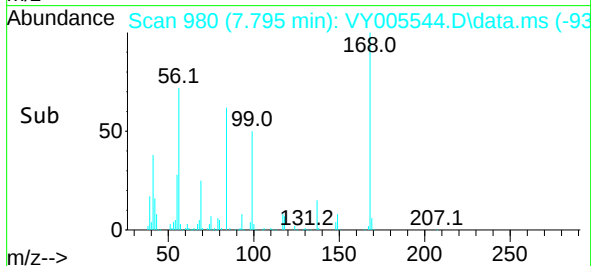
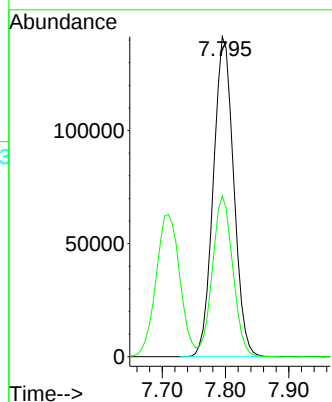
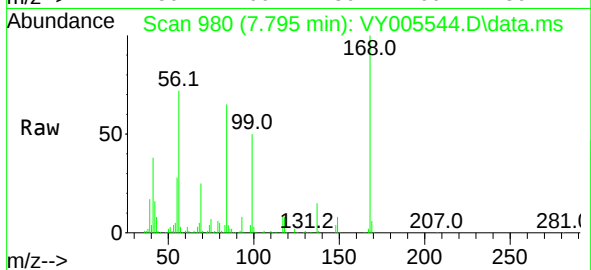
Acq: 05 Aug 2021 09:56

Tgt Ion:168 Resp: 316063

Ion Ratio Lower Upper

168 100

99 50.3 38.9 58.3



#2

Dichlorodifluoromethane

Concen: 41.153 ug/l

RT: 1.912 min Scan# 15

Delta R.T. -0.000 min

Lab File: VY005544.D

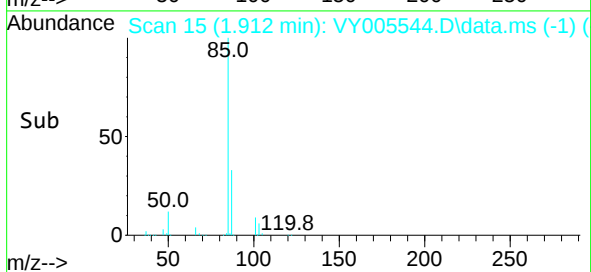
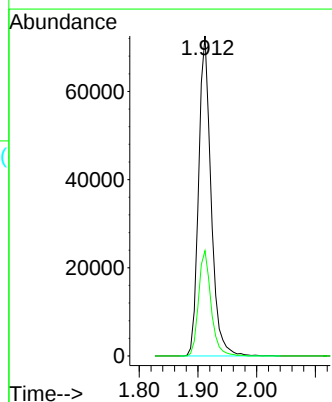
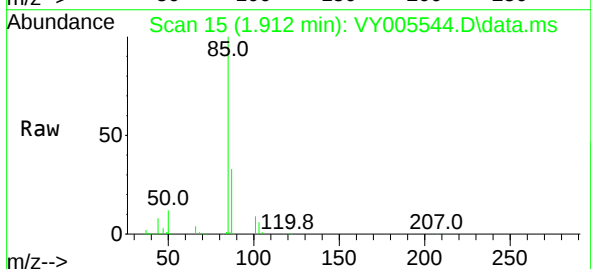
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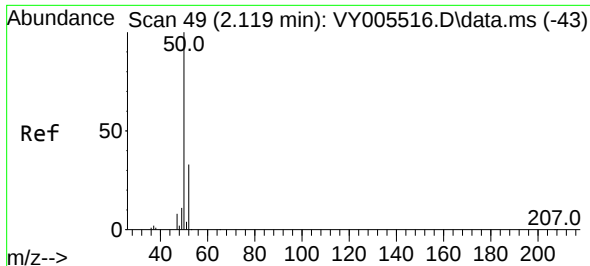
Tgt Ion: 85 Resp: 106830

Ion Ratio Lower Upper

85 100

87 32.9 15.4 46.2

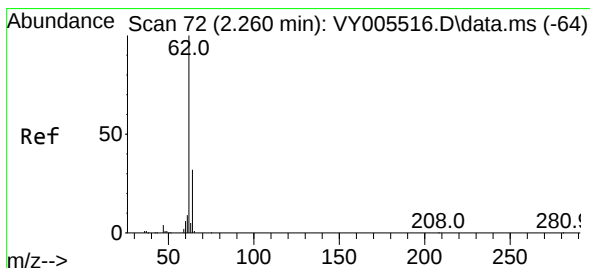
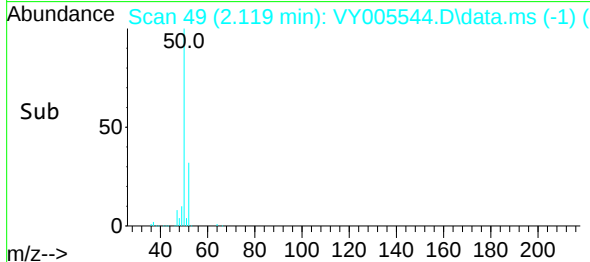
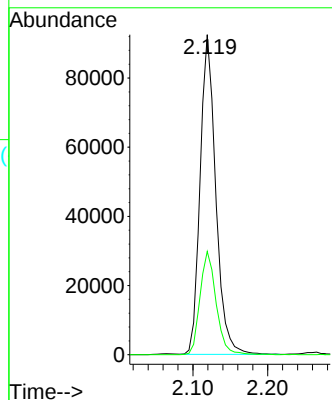
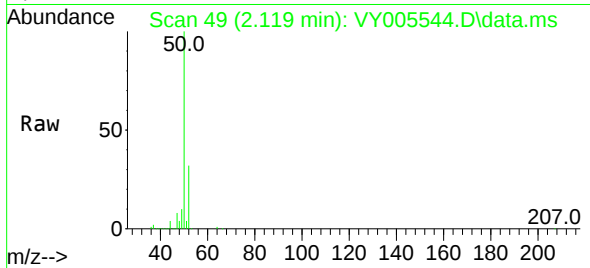




#3  
Chloromethane  
Concen: 43.263 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

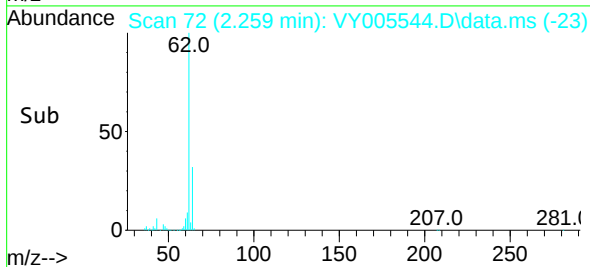
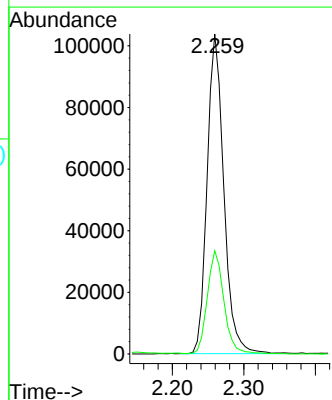
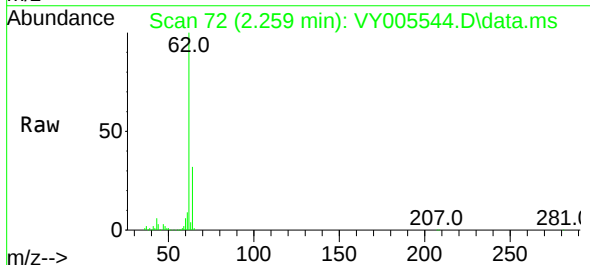
Instrument :  
MSVOA\_Y  
ClientSampled :

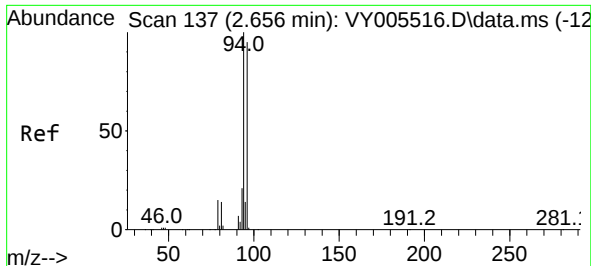
Tgt Ion: 50 Resp: 134155  
Ion Ratio Lower Upper  
50 100  
52 32.3 26.4 39.6



#4  
Vinyl Chloride  
Concen: 45.259 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 62 Resp: 168101  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.9 38.9

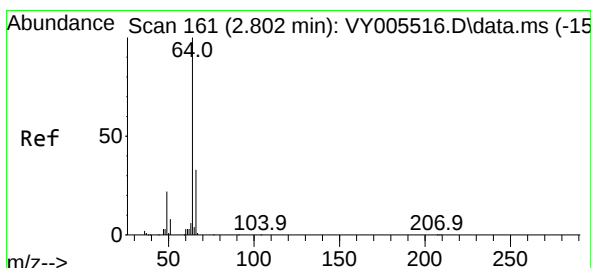
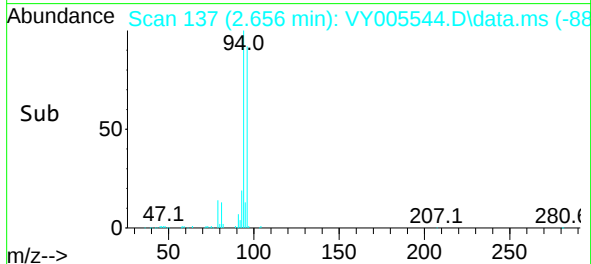
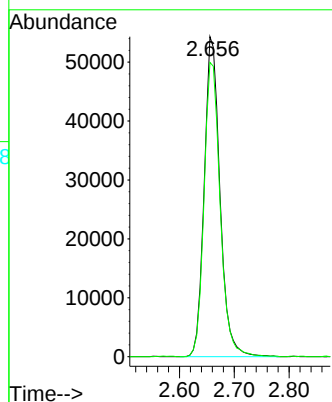
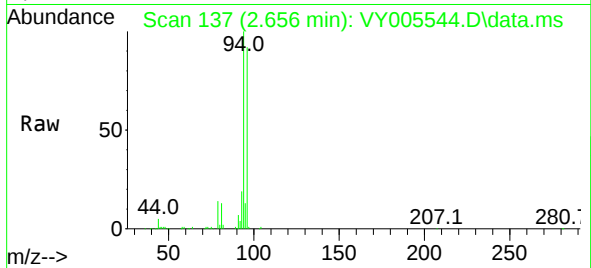




#5  
Bromomethane  
Concen: 44.207 ug/l  
RT: 2.656 min Scan# 137  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

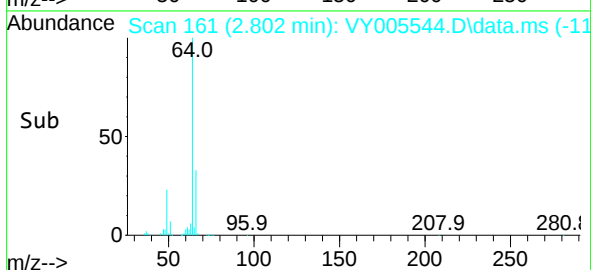
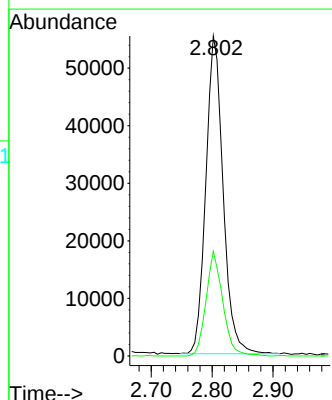
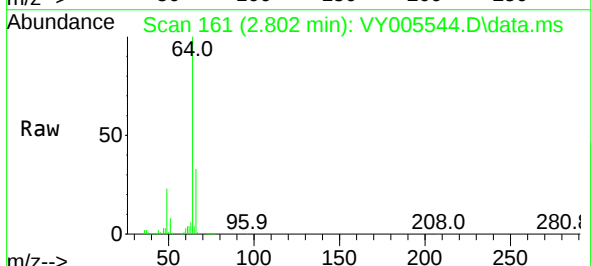
Instrument :  
MSVOA\_Y  
ClientSampled :

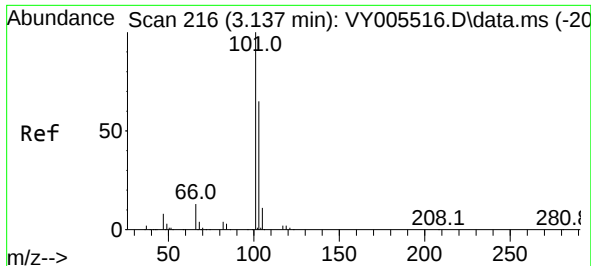
Tgt Ion: 94 Resp: 108075  
Ion Ratio Lower Upper  
94 100  
96 91.9 75.7 113.5



#6  
Chloroethane  
Concen: 48.570 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 64 Resp: 108891  
Ion Ratio Lower Upper  
64 100  
66 32.9 26.1 39.1

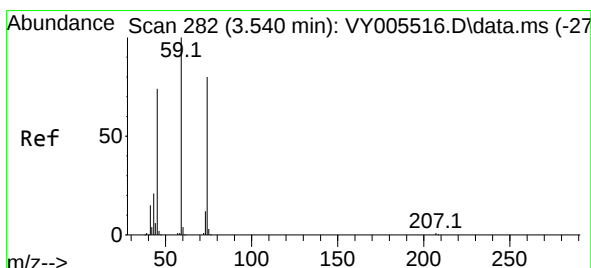
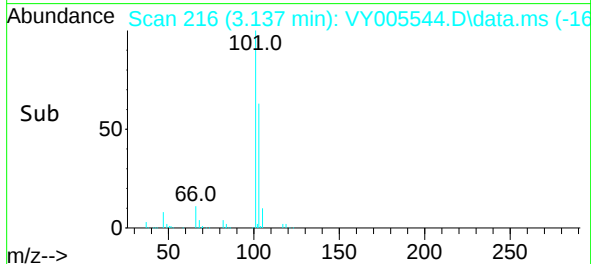
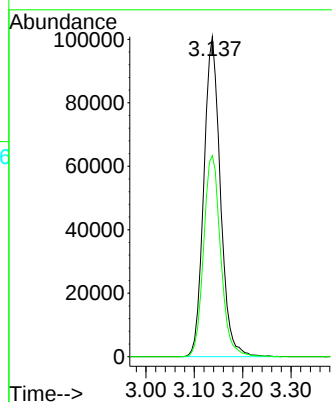
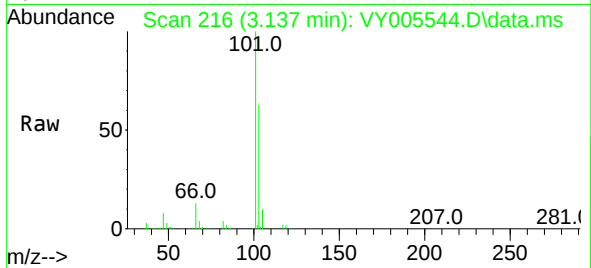




#7  
Trichlorofluoromethane  
Concen: 48.189 ug/l  
RT: 3.137 min Scan# 216  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

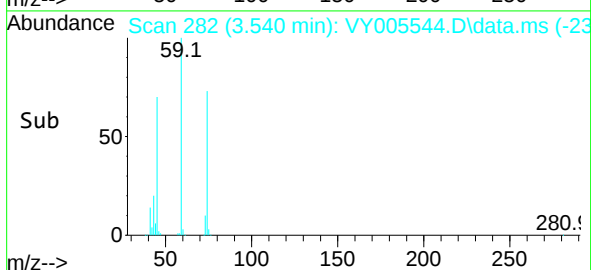
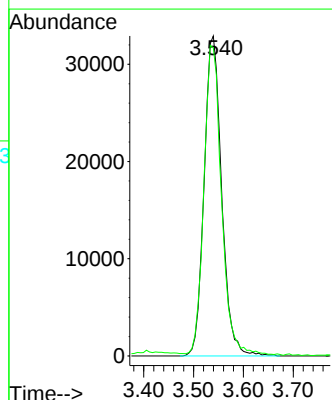
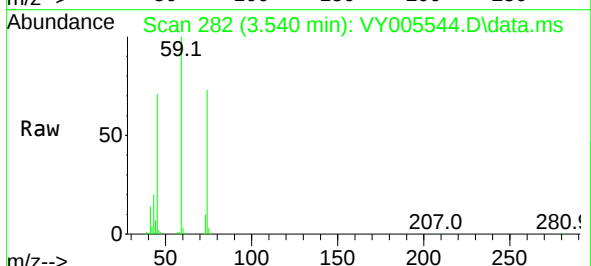
Instrument :  
MSVOA\_Y  
ClientSampled :

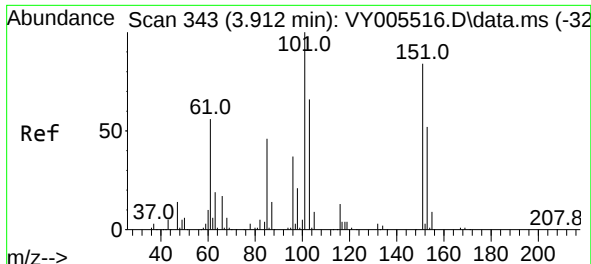
Tgt Ion:101 Resp: 239640  
Ion Ratio Lower Upper  
101 100  
103 62.9 52.2 78.4



#8  
Diethyl Ether  
Concen: 46.308 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 74 Resp: 80430  
Ion Ratio Lower Upper  
74 100  
45 97.5 47.2 141.6

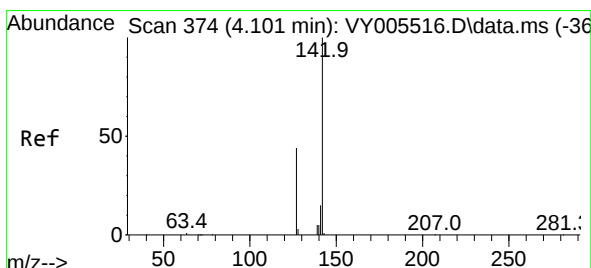
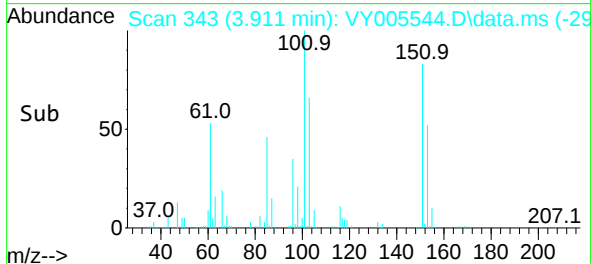
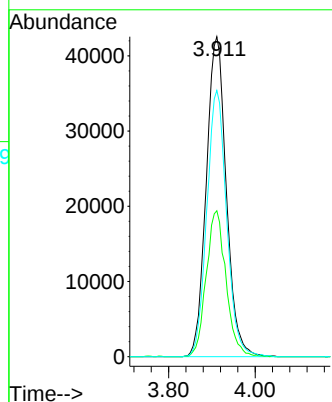
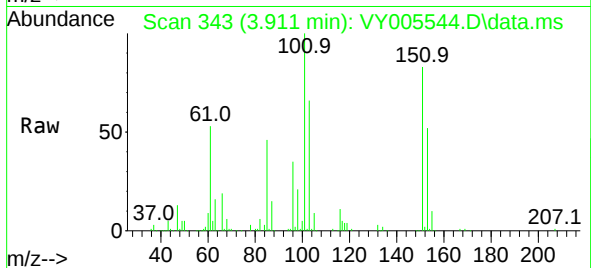




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.655 ug/l  
RT: 3.911 min Scan# 343  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

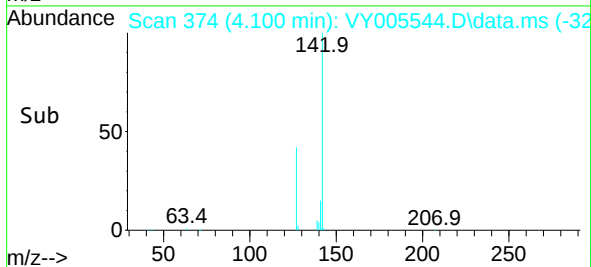
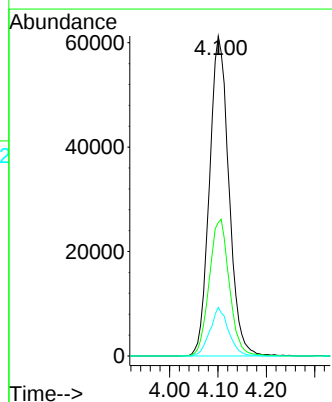
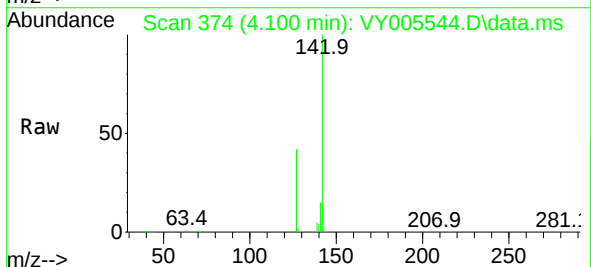
Instrument :  
MSVOA\_Y  
ClientSampleId :

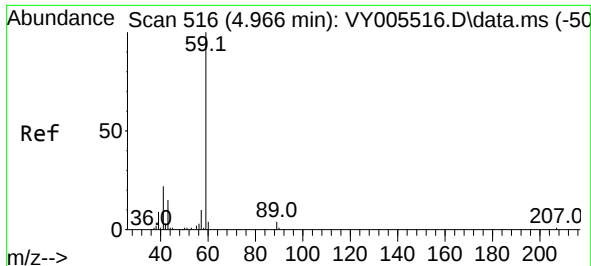
Tgt Ion:101 Resp: 136637  
Ion Ratio Lower Upper  
101 100  
85 45.2 36.3 54.5  
151 82.4 67.6 101.4



#10  
Methyl Iodide  
Concen: 51.002 ug/l  
RT: 4.100 min Scan# 374  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

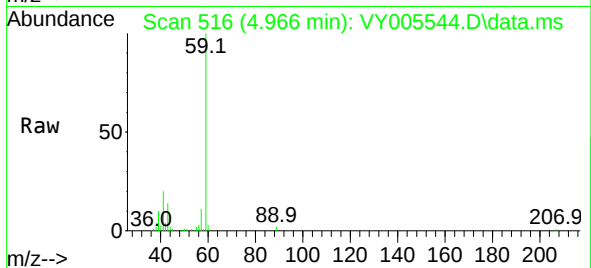
Tgt Ion:142 Resp: 171395  
Ion Ratio Lower Upper  
142 100  
127 44.0 36.6 54.8  
141 14.4 12.2 18.4



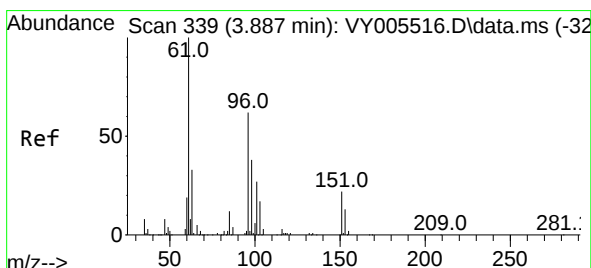
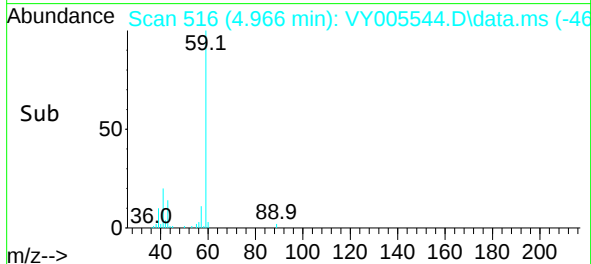
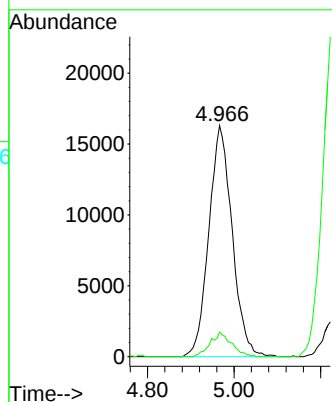


#11  
Tert butyl alcohol  
Concen: 192.935 ug/l  
RT: 4.966 min Scan# 516  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

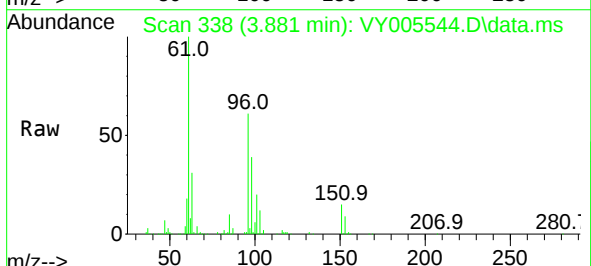
Instrument :  
MSVOA\_Y  
ClientSampled :



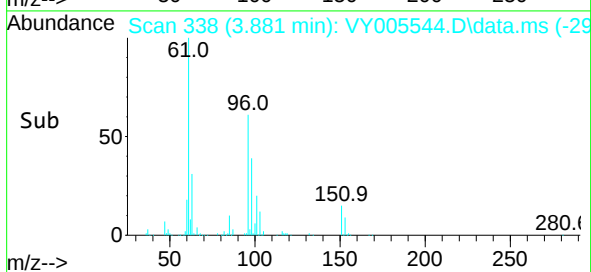
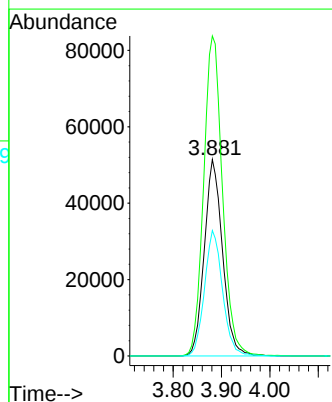
Tgt Ion: 59 Resp: 61021  
Ion Ratio Lower Upper  
59 100  
57 9.7 8.0 12.0

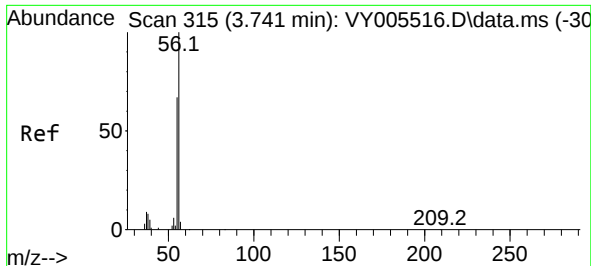


#12  
1,1-Dichloroethene  
Concen: 49.507 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56



Tgt Ion: 96 Resp: 134850  
Ion Ratio Lower Upper  
96 100  
61 162.8 128.6 192.8  
98 63.9 49.2 73.8

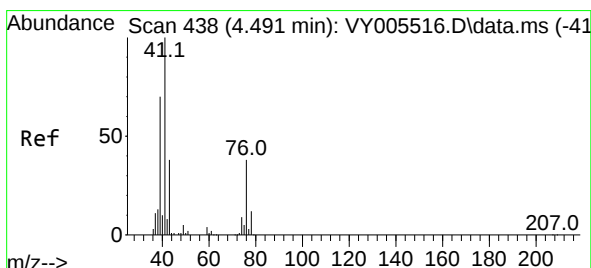
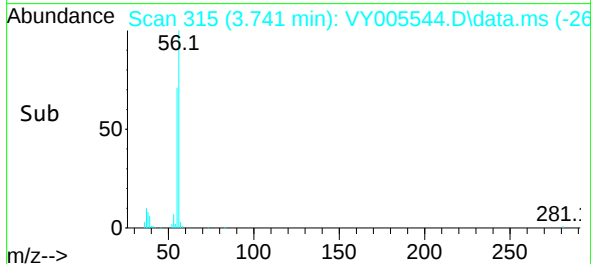
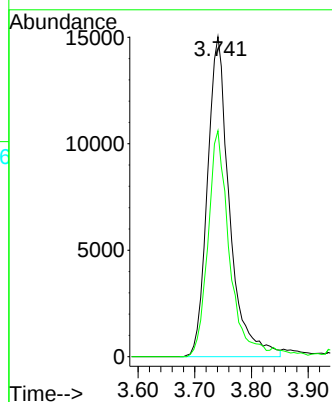
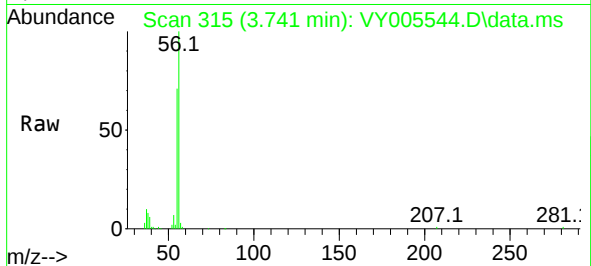




#13  
Acrolein  
Concen: 212.684 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

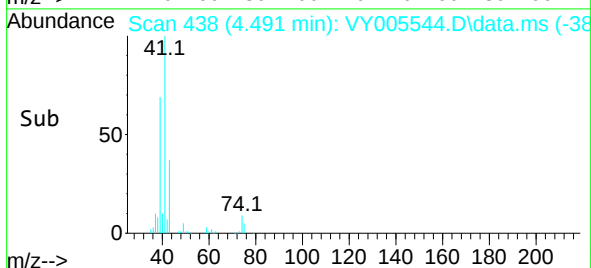
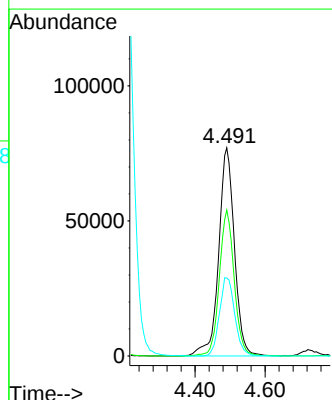
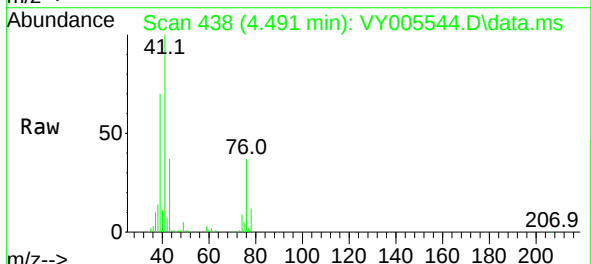
Instrument :  
MSVOA\_Y  
ClientSampled :

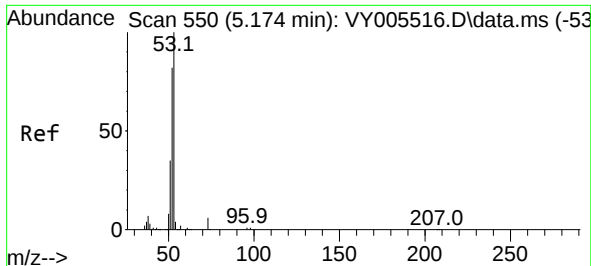
Tgt Ion: 56 Resp: 40585  
Ion Ratio Lower Upper  
56 100  
55 68.0 56.5 84.7



#14  
Allyl chloride  
Concen: 50.606 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 41 Resp: 241429  
Ion Ratio Lower Upper  
41 100  
39 66.0 53.7 80.5  
76 36.5 28.7 43.1

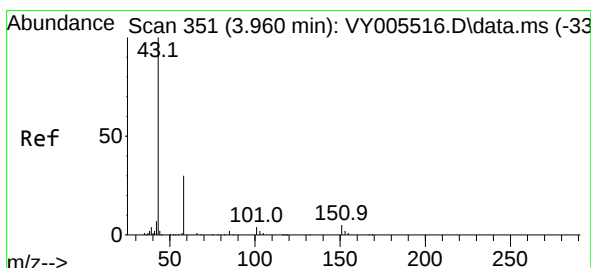
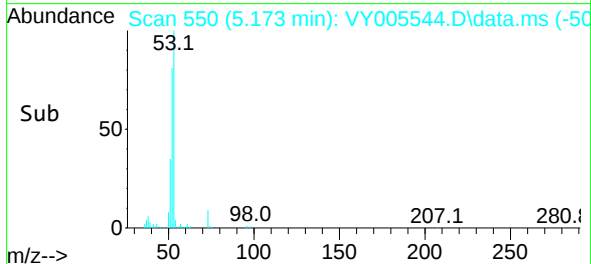
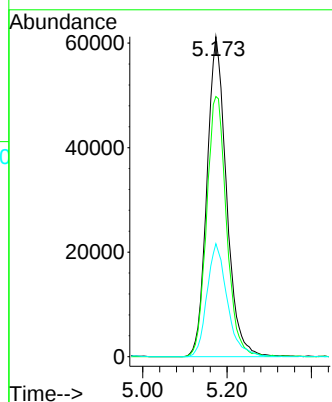
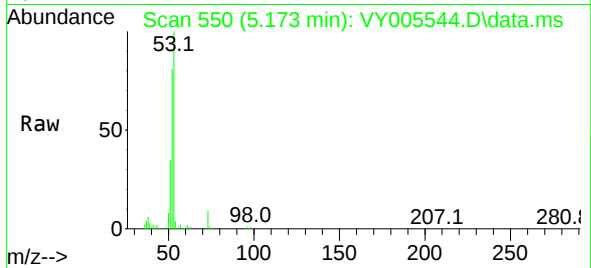




#15  
Acrylonitrile  
Concen: 221.611 ug/l  
RT: 5.173 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

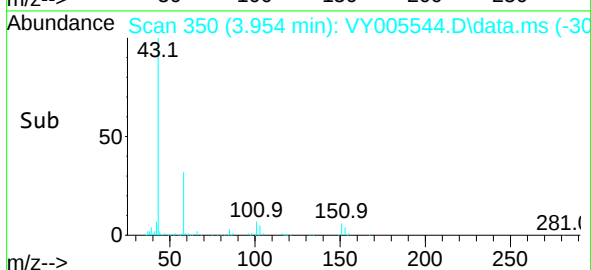
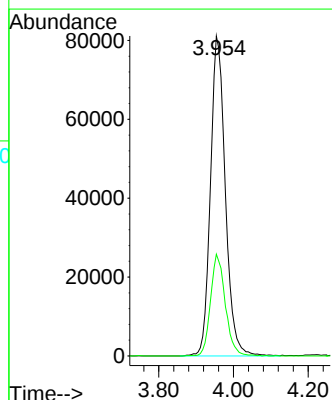
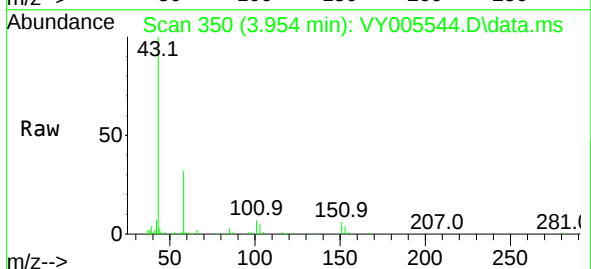
Instrument :  
MSVOA\_Y  
ClientSampleId :

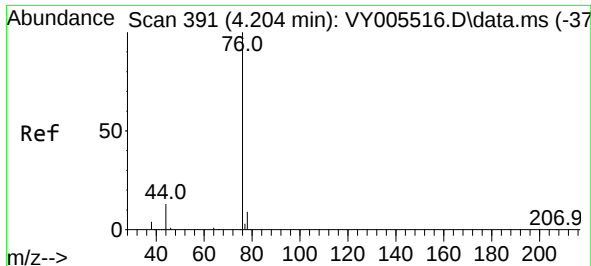
Tgt Ion: 53 Resp: 197262  
Ion Ratio Lower Upper  
53 100  
52 82.7 66.6 99.8  
51 36.7 29.9 44.9



#16  
Acetone  
Concen: 277.998 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 43 Resp: 224242  
Ion Ratio Lower Upper  
43 100  
58 31.8 23.8 35.6

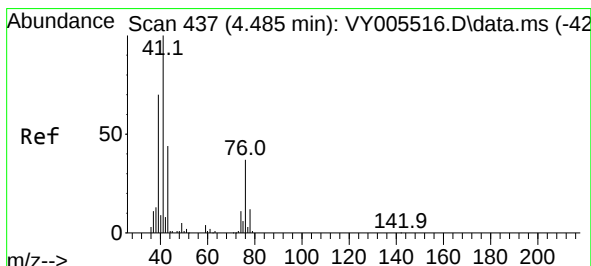
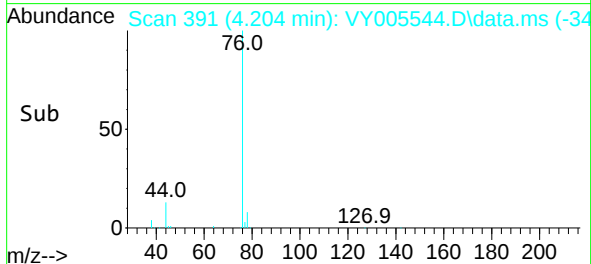
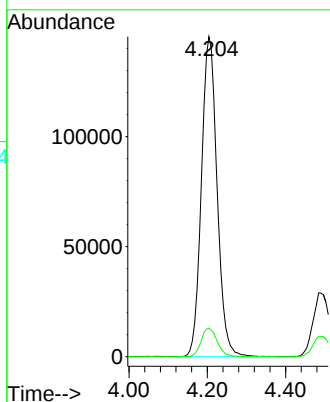
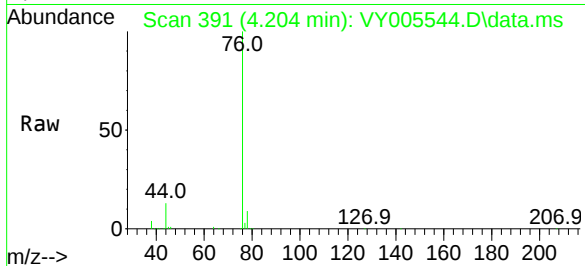




#17  
Carbon Disulfide  
Concen: 48.042 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

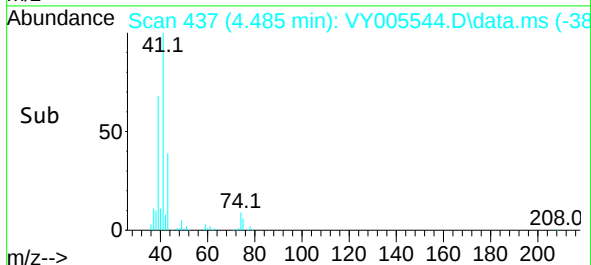
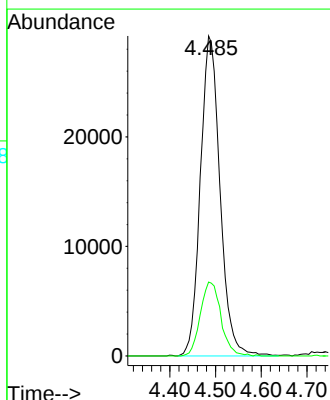
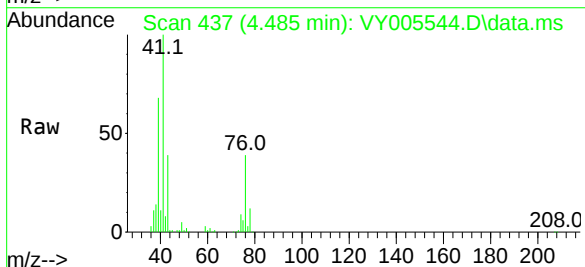
Instrument :  
MSVOA\_Y  
ClientSampled :

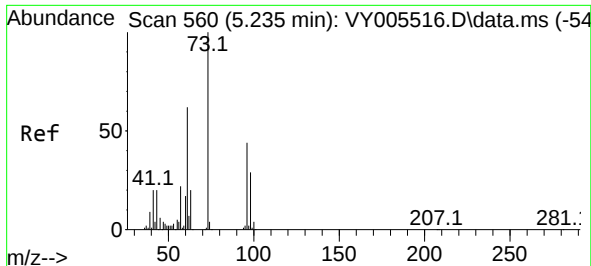
Tgt Ion: 76 Resp: 403385  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.0 10.6



#18  
Methyl Acetate  
Concen: 41.351 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 43 Resp: 87236  
Ion Ratio Lower Upper  
43 100  
74 24.2 19.0 28.6



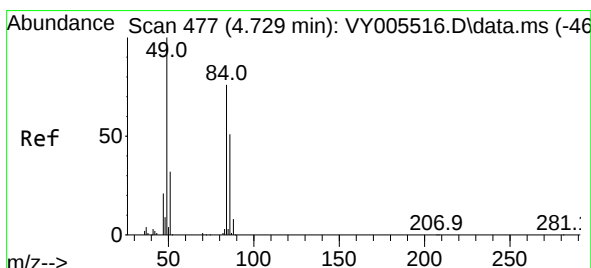
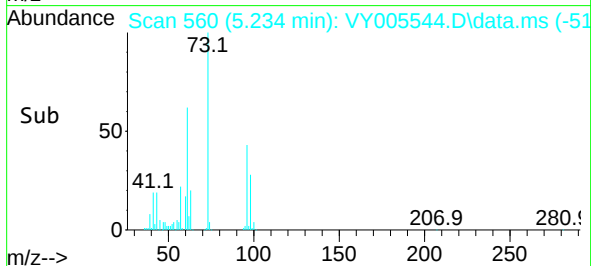
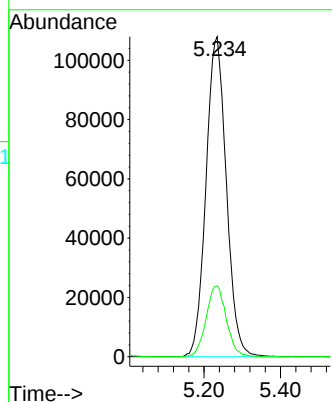
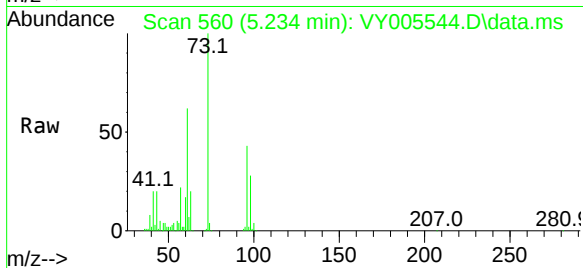


#19

Methyl tert-butyl Ether  
 Concen: 47.173 ug/l  
 RT: 5.234 min Scan# 560  
 Delta R.T. -0.000 min  
 Lab File: VY005544.D  
 Acq: 05 Aug 2021 09:56

Instrument :  
 MSVOA\_Y  
 ClientSampled :

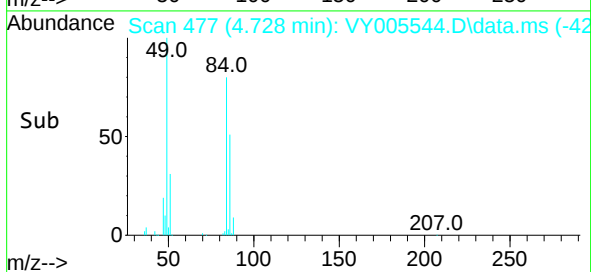
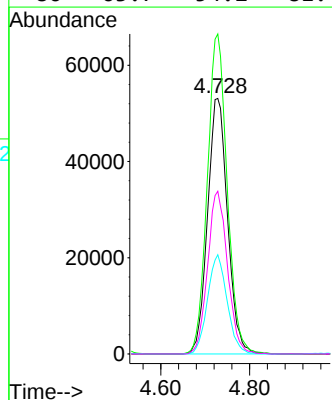
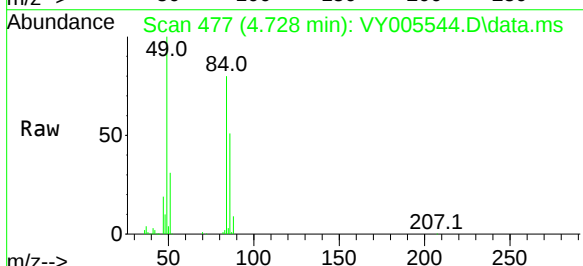
Tgt Ion: 73 Resp: 398053  
 Ion Ratio Lower Upper  
 73 100  
 57 22.1 17.7 26.5

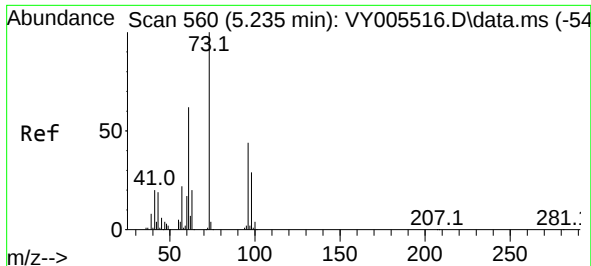


#20

Methylene Chloride  
 Concen: 52.214 ug/l  
 RT: 4.728 min Scan# 477  
 Delta R.T. -0.001 min  
 Lab File: VY005544.D  
 Acq: 05 Aug 2021 09:56

Tgt Ion: 84 Resp: 166081  
 Ion Ratio Lower Upper  
 84 100  
 49 125.2 105.8 158.6  
 51 38.8 33.4 50.2  
 86 63.7 54.2 81.4

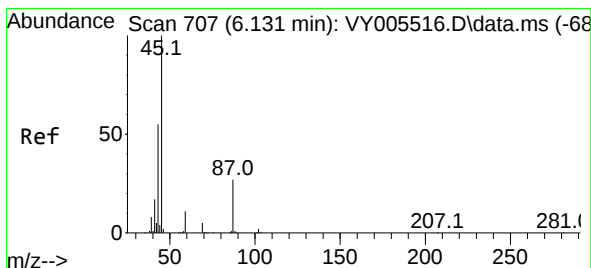
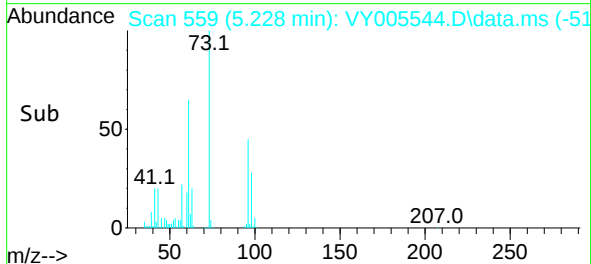
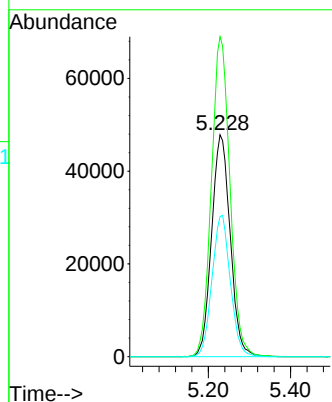
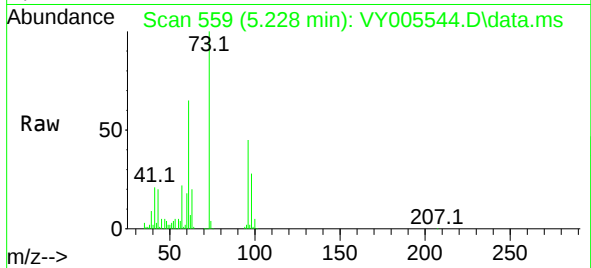




#21  
trans-1,2-Dichloroethene  
Concen: 49.361 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

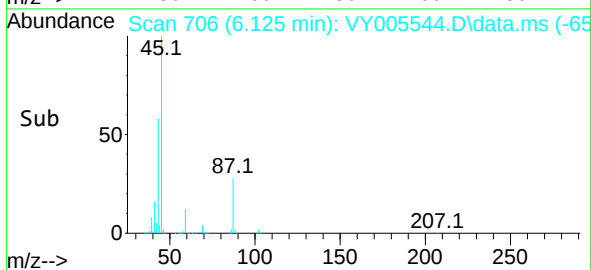
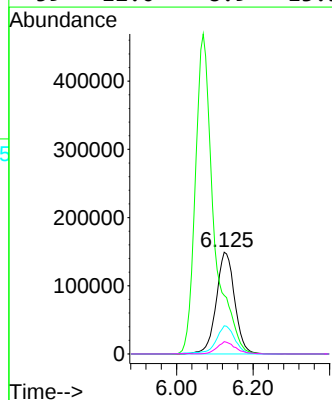
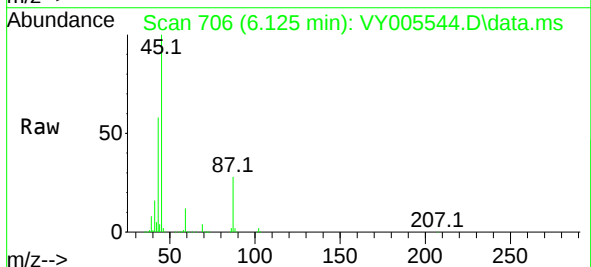
Instrument :  
MSVOA\_Y  
ClientSampleId :

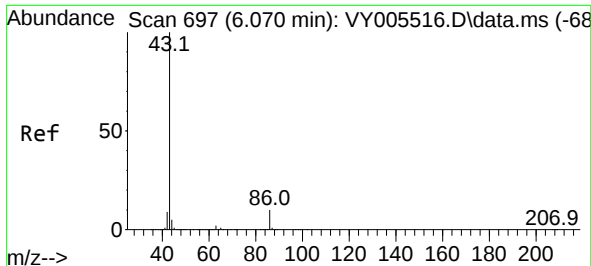
Tgt Ion: 96 Resp: 150320  
Ion Ratio Lower Upper  
96 100  
61 144.2 112.6 168.8  
98 63.2 52.2 78.4



#22  
Diisopropyl ether  
Concen: 50.753 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 45 Resp: 499520  
Ion Ratio Lower Upper  
45 100  
43 57.4 44.2 66.2  
87 27.6 21.6 32.4  
59 12.0 8.9 13.3

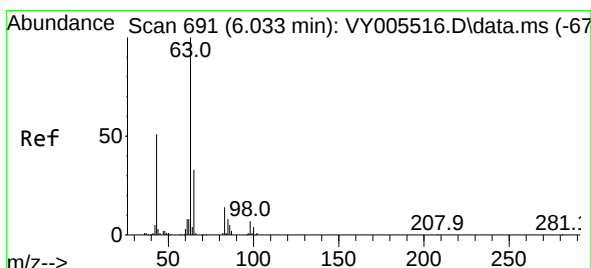
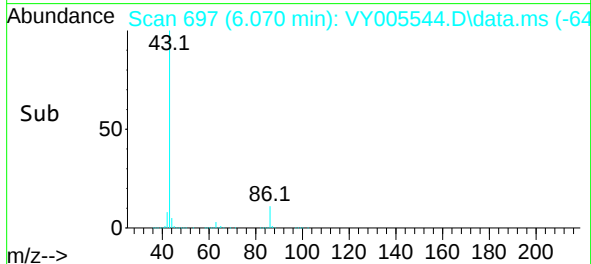
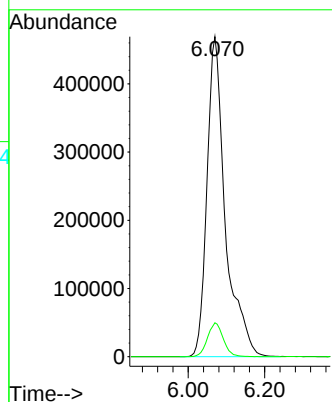
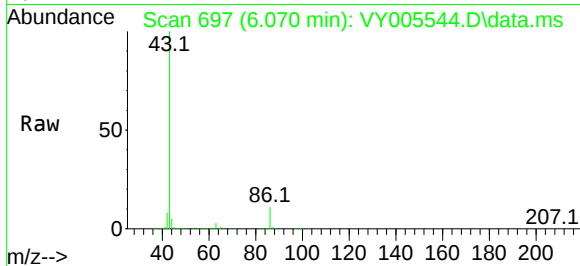




#23  
 Vinyl Acetate  
 Concen: 238.477 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. -0.000 min  
 Lab File: VY005544.D  
 Acq: 05 Aug 2021 09:56

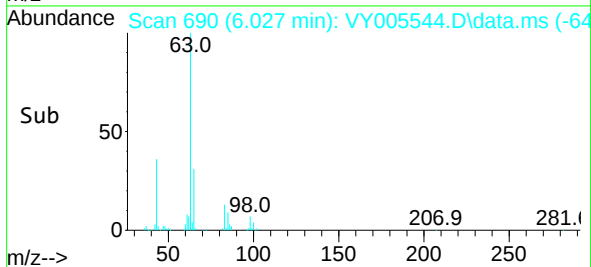
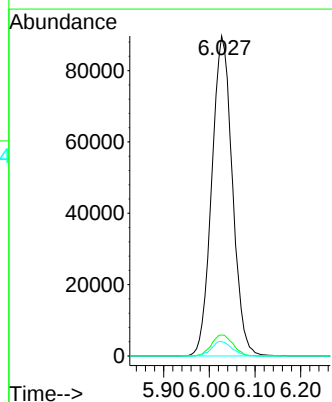
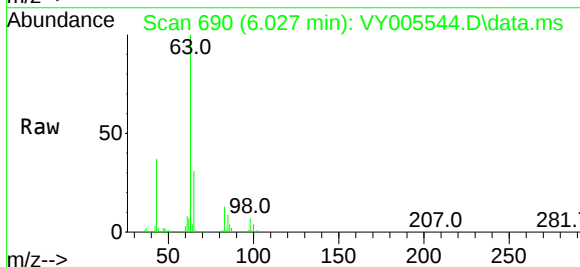
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

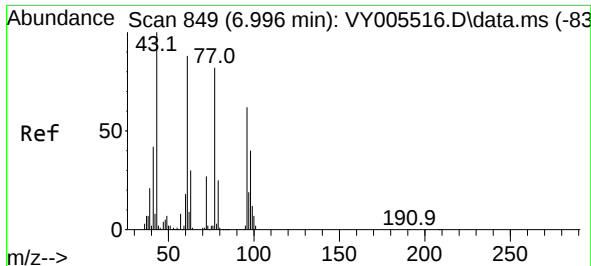
Tgt Ion: 43 Resp: 1562003  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.4 12.6



#24  
 1,1-Dichloroethane  
 Concen: 51.458 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.006 min  
 Lab File: VY005544.D  
 Acq: 05 Aug 2021 09:56

Tgt Ion: 63 Resp: 280668  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.4 10.1  
 100 4.5 2.1 6.5

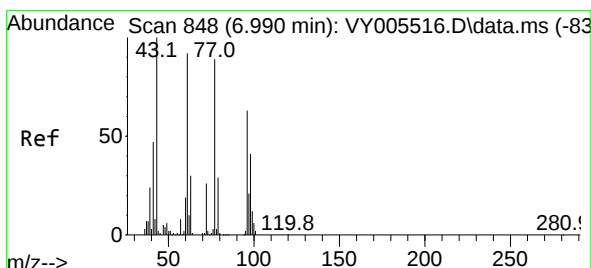
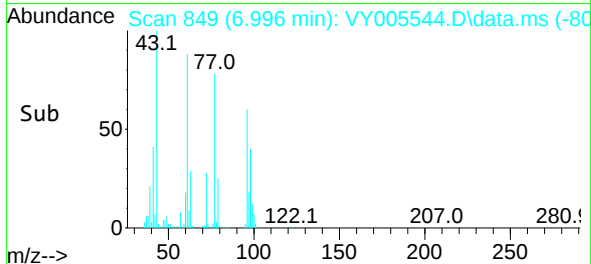
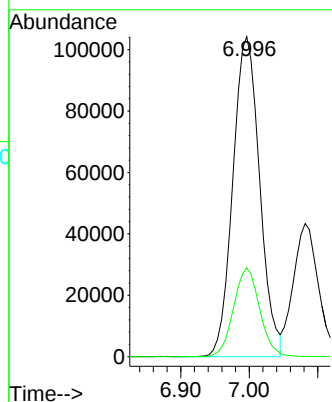
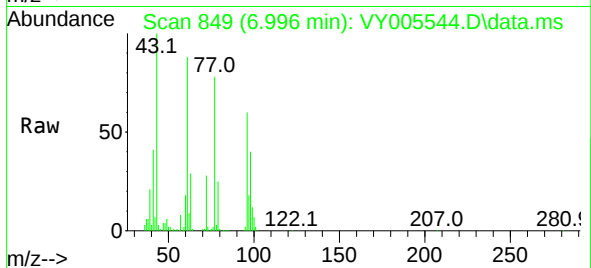




#25  
2-Butanone  
Concen: 237.710 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

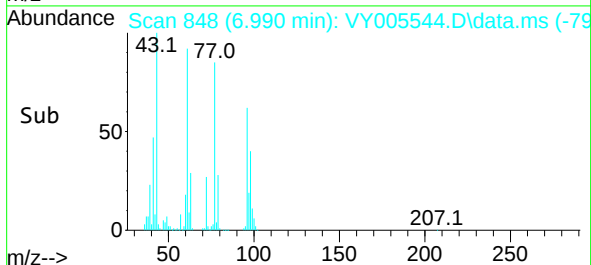
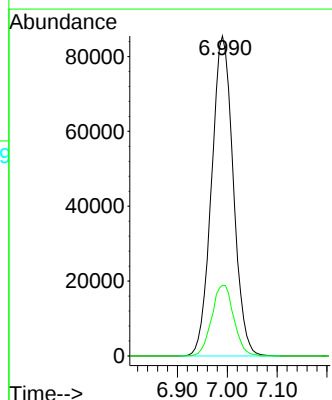
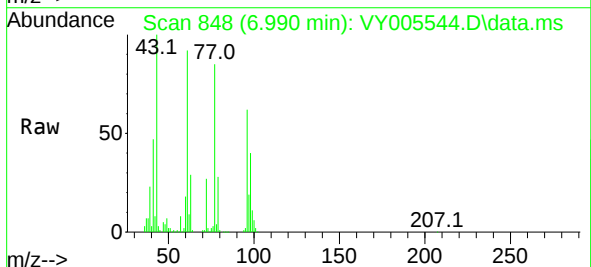
Instrument :  
MSVOA\_Y  
ClientSampleId :

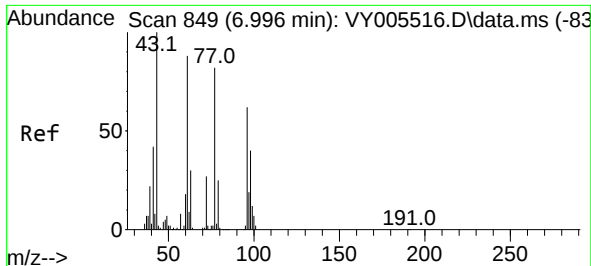
Tgt Ion: 43 Resp: 283436  
Ion Ratio Lower Upper  
43 100  
72 27.8 21.4 32.2



#26  
2,2-Dichloropropane  
Concen: 51.831 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 77 Resp: 258291  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.176 ug/l

RT: 6.996 min Scan# 849

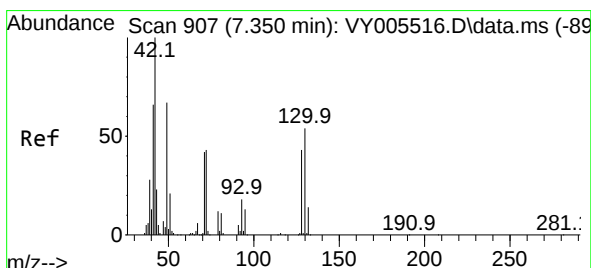
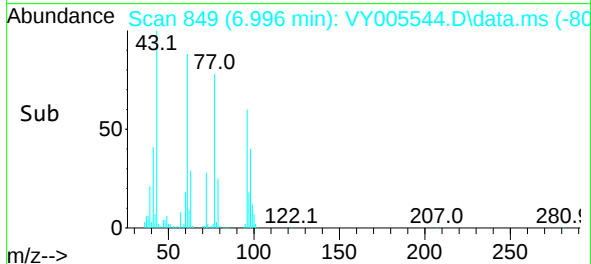
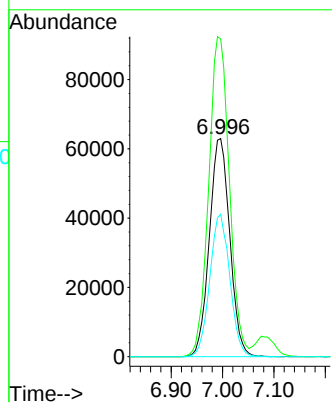
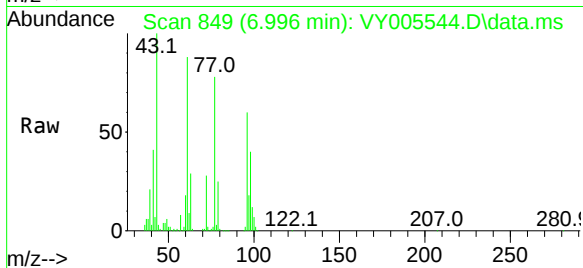
Delta R.T. -0.000 min

Lab File: VY005544.D

Acq: 05 Aug 2021 09:56

Tgt Ion: 96 Resp: 173786

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 148.2 | 0.0   | 290.0 |
| 98  | 64.1  | 0.0   | 128.0 |



#28

Bromochloromethane

Concen: 46.463 ug/l

RT: 7.344 min Scan# 906

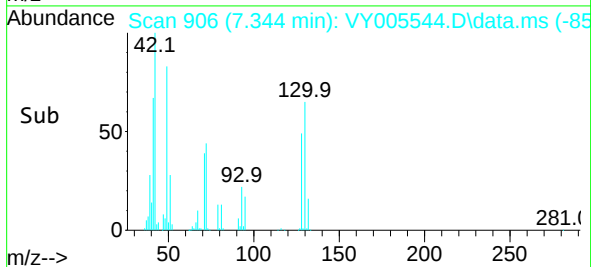
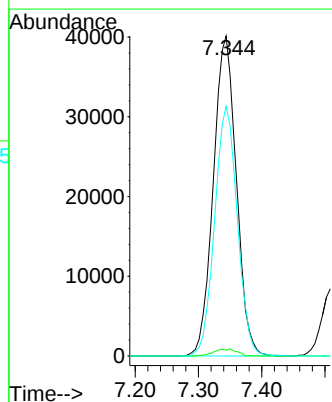
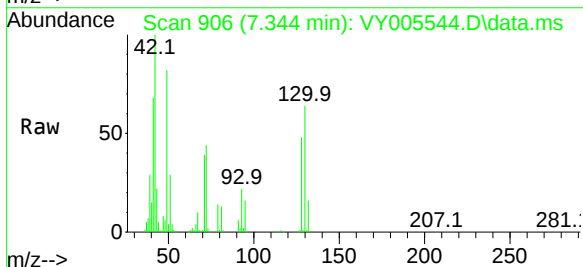
Delta R.T. -0.006 min

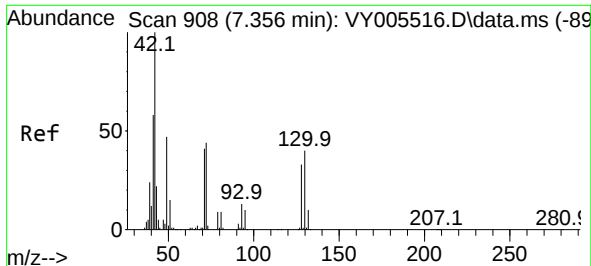
Lab File: VY005544.D

Acq: 05 Aug 2021 09:56

Tgt Ion: 49 Resp: 101148

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 4.0   |
| 130 | 77.1  | 64.0  | 96.0  |





#29

Tetrahydrofuran

Concen: 209.757 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

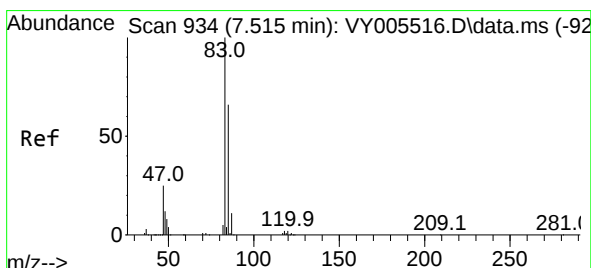
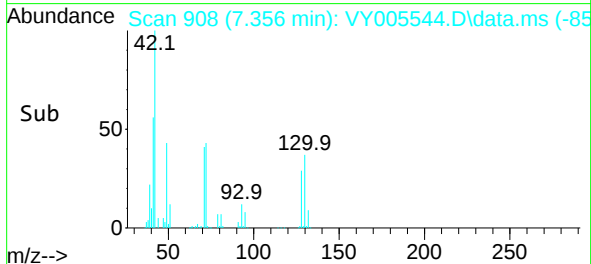
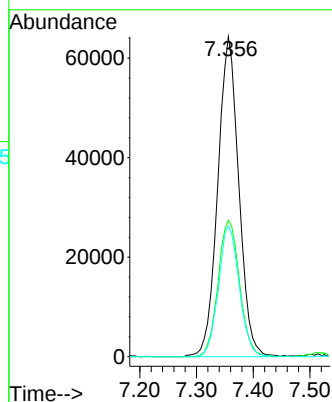
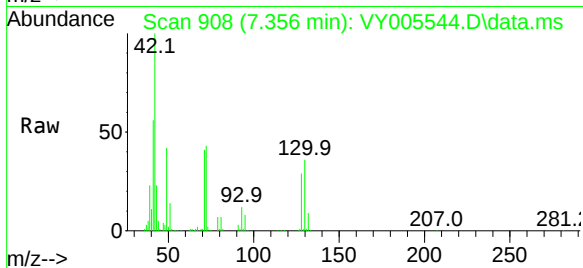
Lab File: VY005544.D

Acq: 05 Aug 2021 09:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 42 Resp: 165425

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 43.4  | 35.0  | 52.4  |
| 71  | 40.6  | 33.3  | 49.9  |



#30

Chloroform

Concen: 49.959 ug/l

RT: 7.514 min Scan# 934

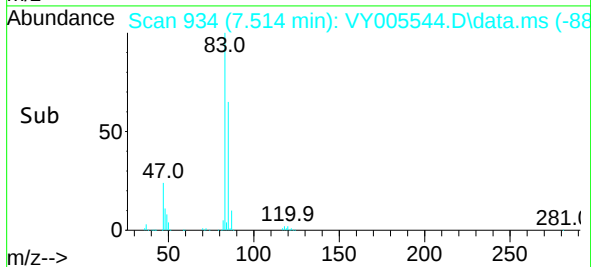
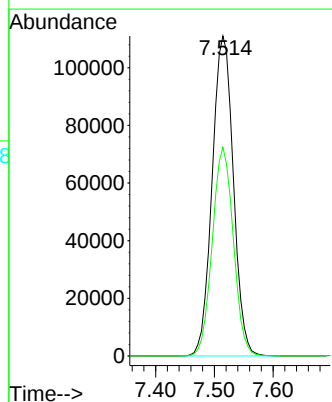
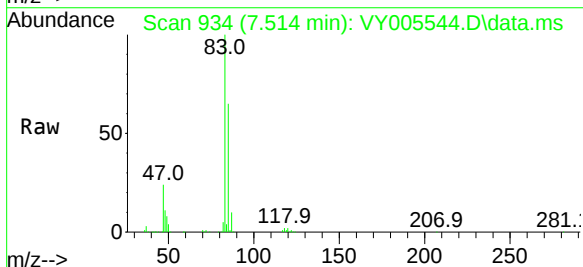
Delta R.T. -0.000 min

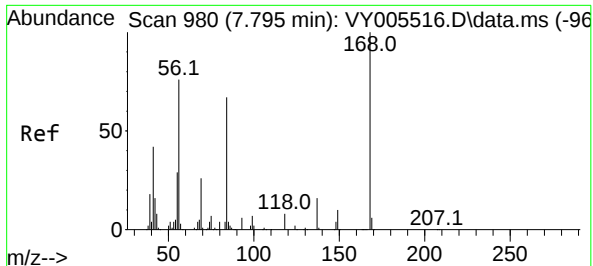
Lab File: VY005544.D

Acq: 05 Aug 2021 09:56

Tgt Ion: 83 Resp: 278123

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.2  | 52.7  | 79.1  |

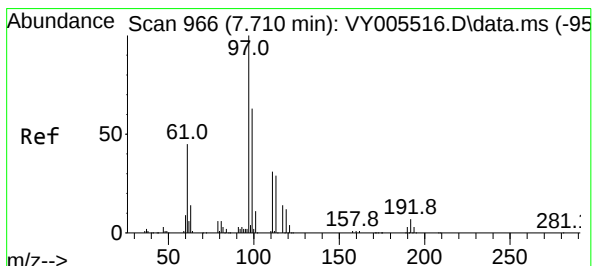
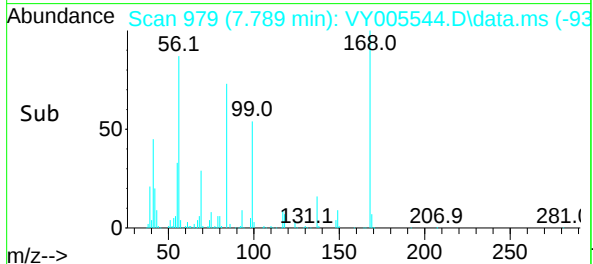
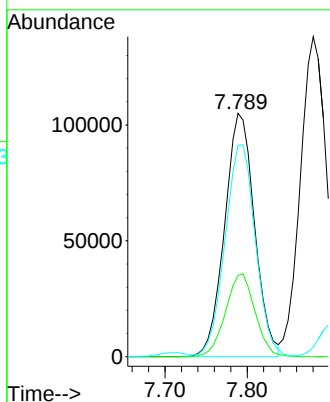
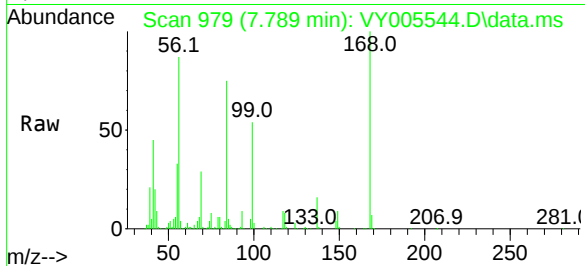




#31  
Cyclohexane  
Concen: 48.416 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

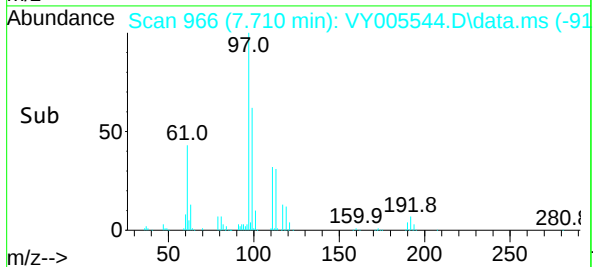
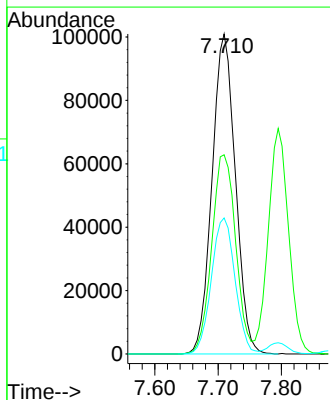
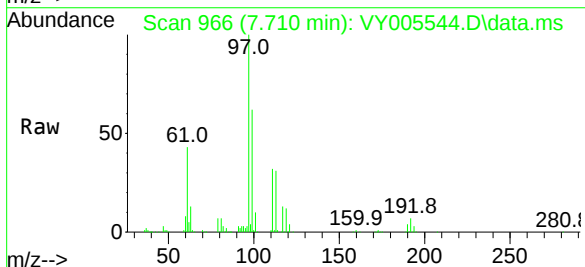
Instrument :  
MSVOA\_Y  
ClientSampleId :

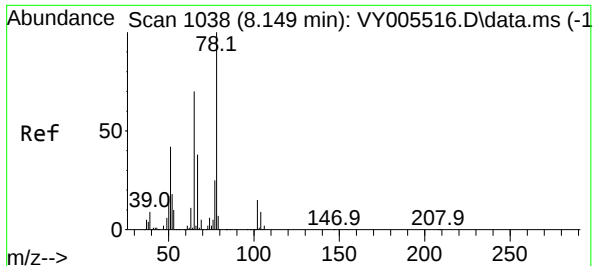
Tgt Ion: 56 Resp: 265693  
Ion Ratio Lower Upper  
56 100  
69 33.4 27.7 41.5  
84 85.3 70.9 106.3



#32  
1,1,1-Trichloroethane  
Concen: 50.477 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 97 Resp: 258320  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.1 76.7  
61 43.2 35.0 52.6

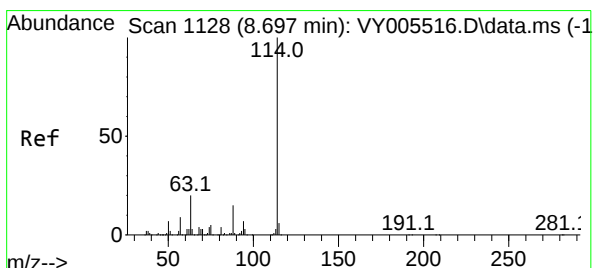
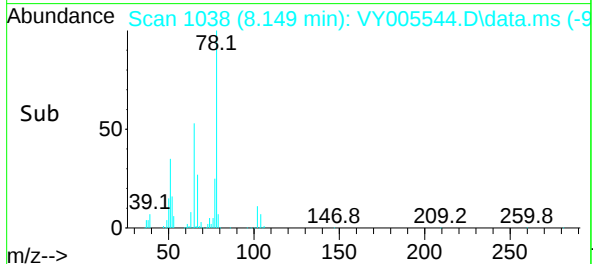
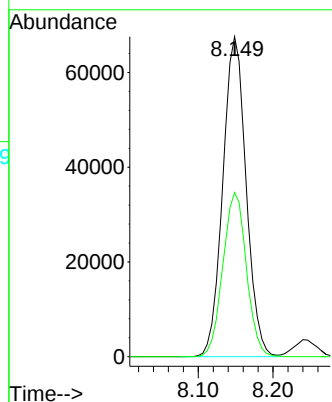
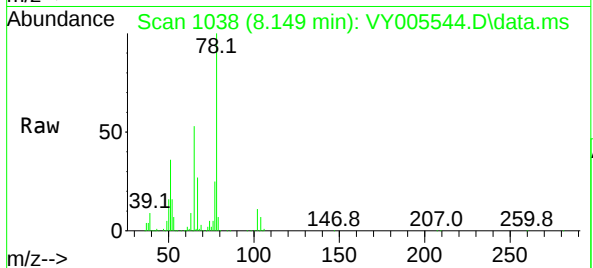




#33  
1,2-Dichloroethane-d4  
Concen: 45.847 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

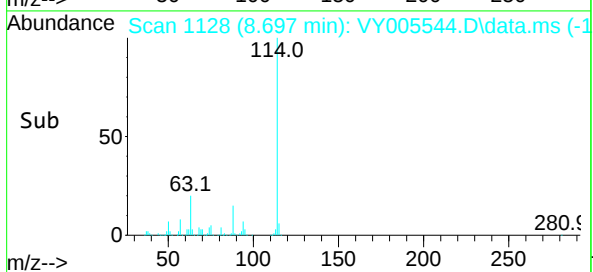
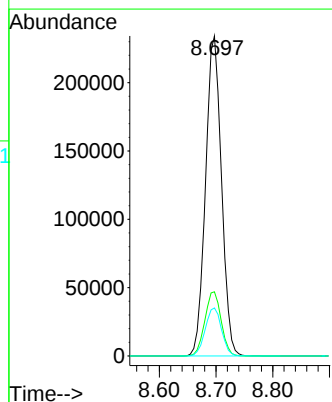
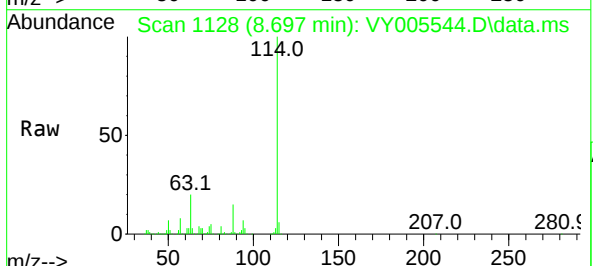
Instrument :  
MSVOA\_Y  
ClientSampleId :

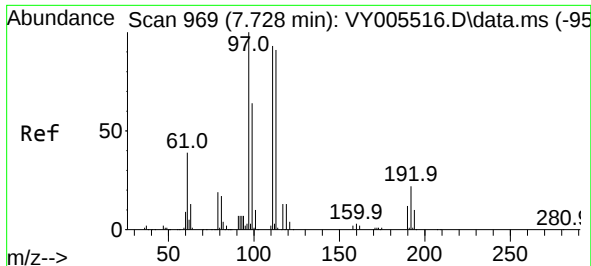
Tgt Ion: 65 Resp: 146681  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 103.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 114 Resp: 456637  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 39.2  
88 15.0 0.0 30.8

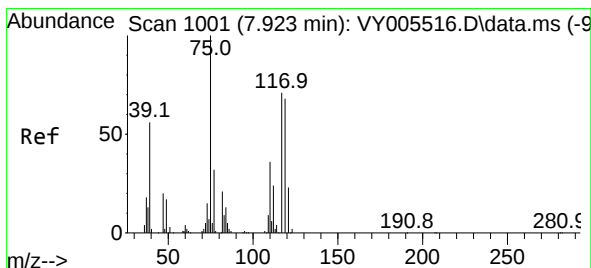
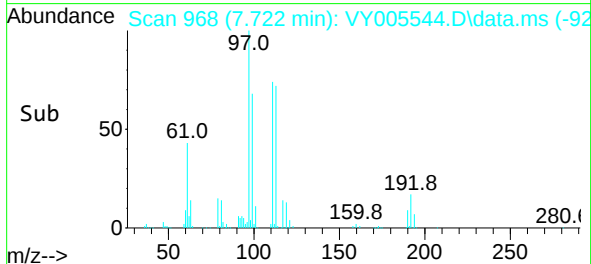
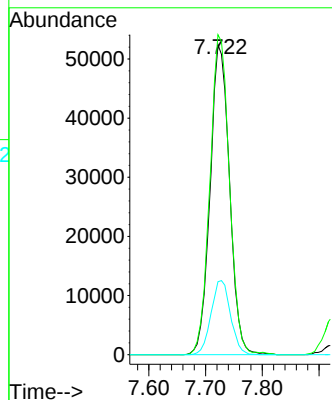
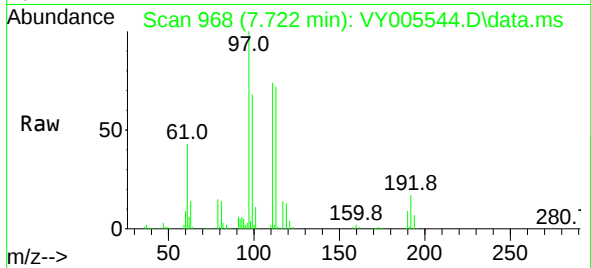




#35  
Dibromofluoromethane  
Concen: 48.744 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

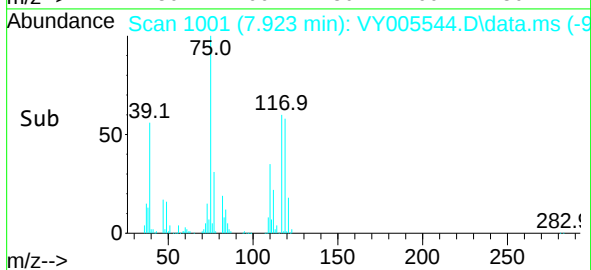
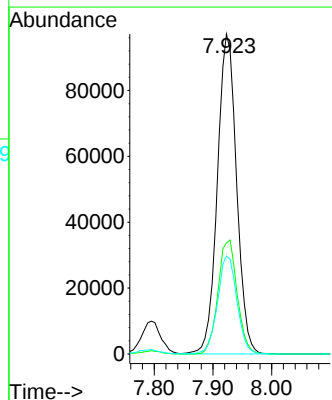
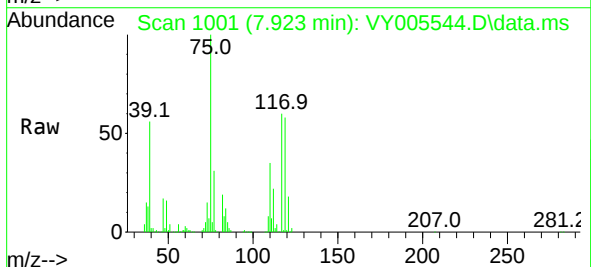
Instrument :  
MSVOA\_Y  
ClientSampleId :

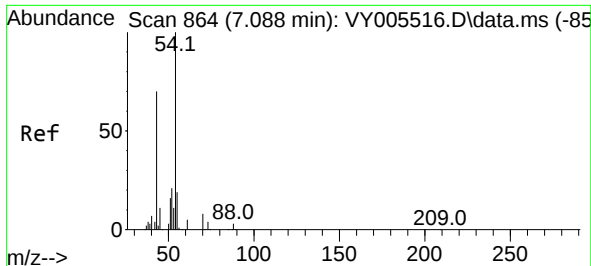
Tgt Ion:113 Resp: 124619  
Ion Ratio Lower Upper  
113 100  
111 103.8 81.9 122.9  
192 23.9 19.2 28.8



#36  
1,1-Dichloropropene  
Concen: 51.508 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 75 Resp: 220604  
Ion Ratio Lower Upper  
75 100  
110 35.6 18.1 54.1  
77 31.0 25.1 37.7





#37

Ethyl Acetate

Concen: 43.605 ug/l

RT: 7.082 min Scan# 863

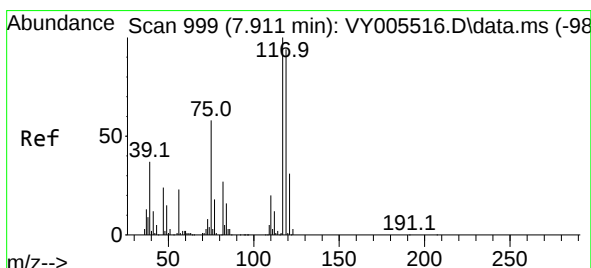
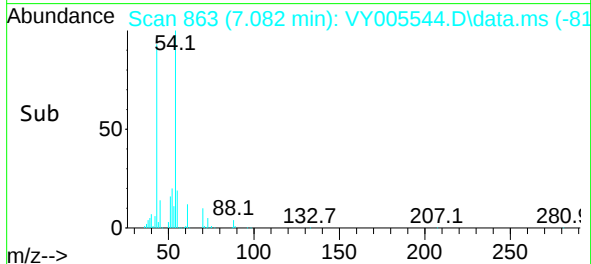
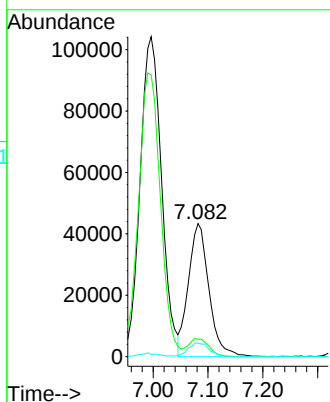
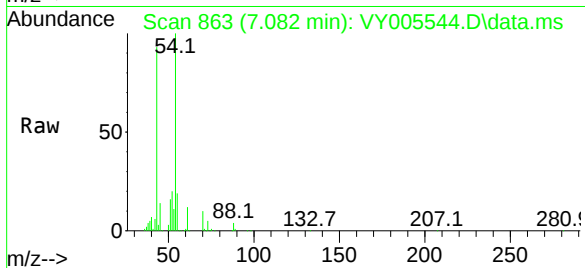
Delta R.T. -0.006 min

Lab File: VY005544.D

Acq: 05 Aug 2021 09:56

Tgt Ion: 43 Resp: 113139

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.9  | 10.6  | 15.8  |
| 70  | 10.6  | 8.6   | 13.0  |



#38

Carbon Tetrachloride

Concen: 50.621 ug/l

RT: 7.905 min Scan# 998

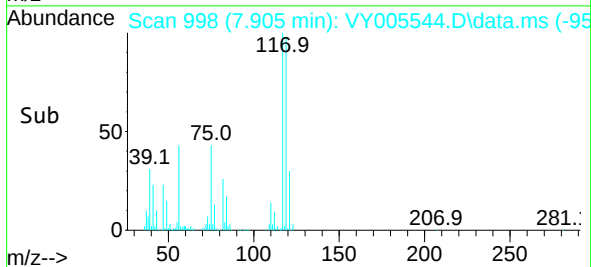
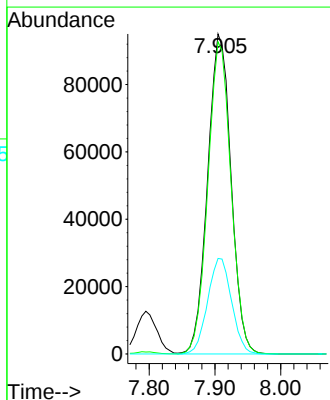
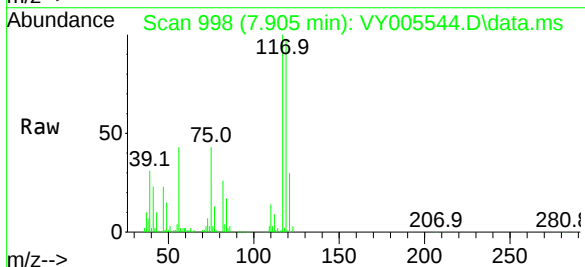
Delta R.T. -0.006 min

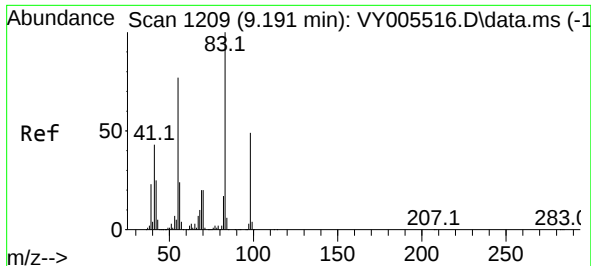
Lab File: VY005544.D

Acq: 05 Aug 2021 09:56

Tgt Ion: 117 Resp: 235633

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.6  | 75.4  | 113.0 |
| 121 | 29.9  | 25.1  | 37.7  |





#39

Methylcyclohexane

Concen: 51.248 ug/l

RT: 9.185 min Scan# 1208

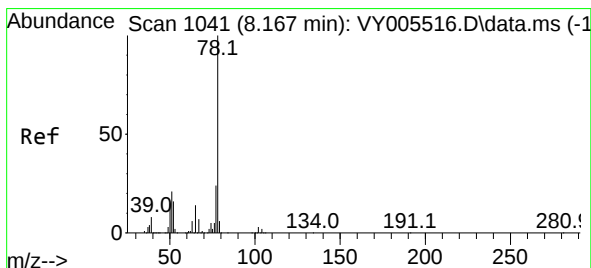
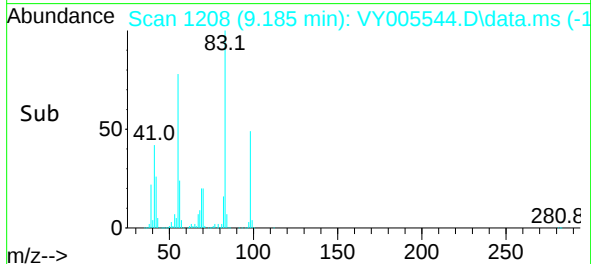
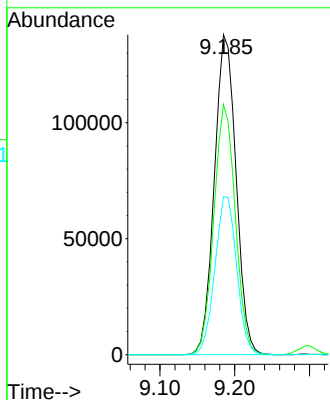
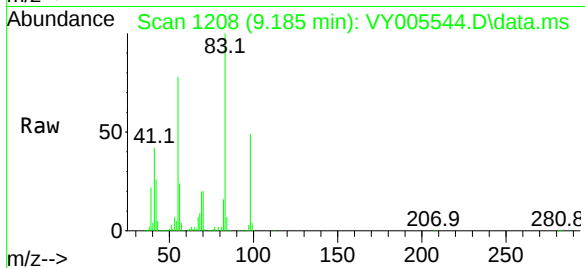
Delta R.T. -0.006 min

Lab File: VY005544.D

Acq: 05 Aug 2021 09:56

Tgt Ion: 83 Resp: 279251

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 78.1  | 61.7  | 92.5  |
| 98  | 49.4  | 38.9  | 58.3  |



#40

Benzene

Concen: 50.968 ug/l

RT: 8.167 min Scan# 1041

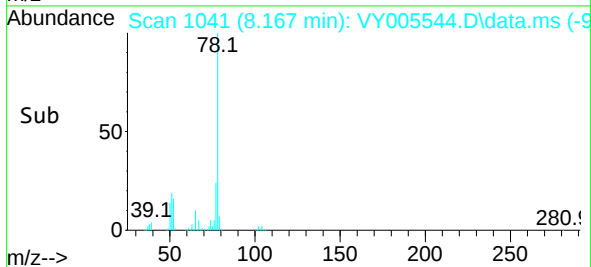
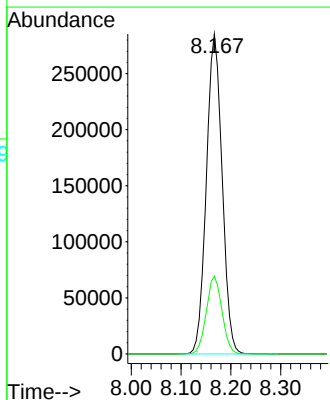
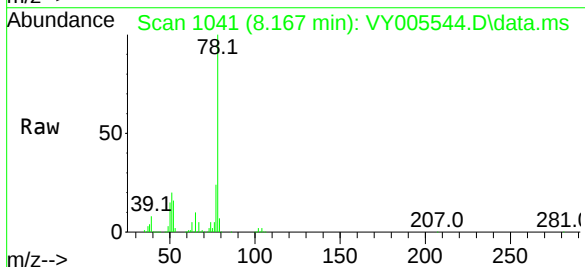
Delta R.T. -0.000 min

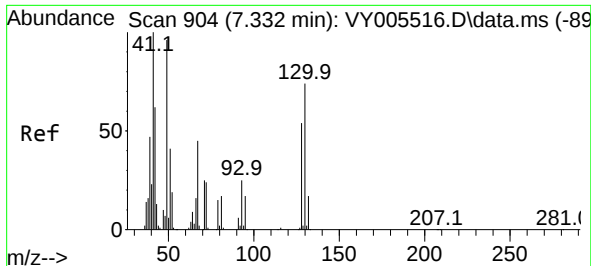
Lab File: VY005544.D

Acq: 05 Aug 2021 09:56

Tgt Ion: 78 Resp: 625114

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.3  | 19.6  | 29.4  |



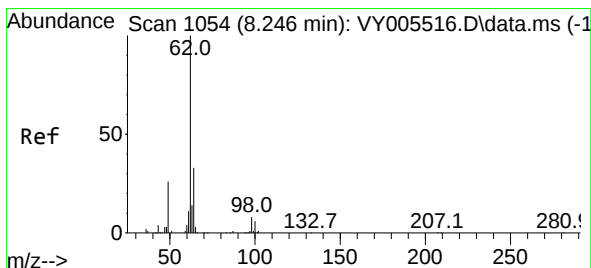
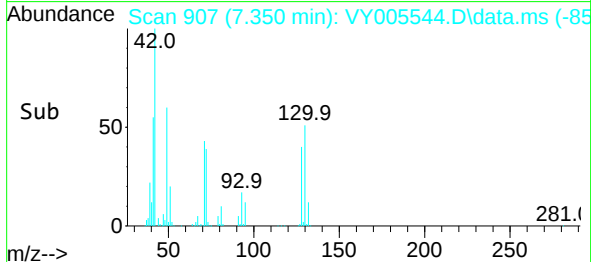
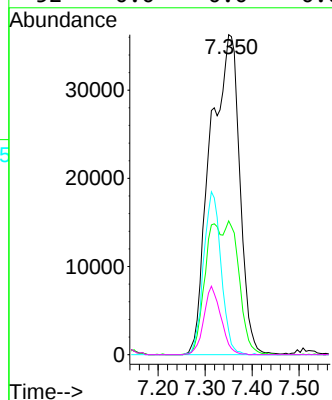
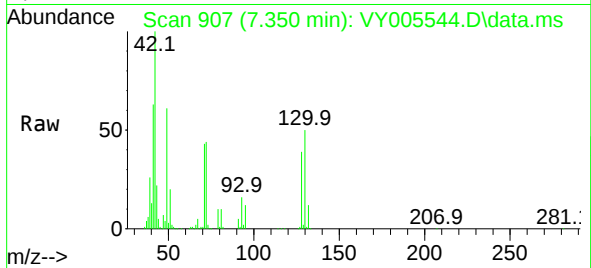


#41  
Methacrylonitrile  
Concen: 111.625 ug/l  
RT: 7.350 min Scan# 907  
Delta R.T. 0.018 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion: 41 Resp: 157147

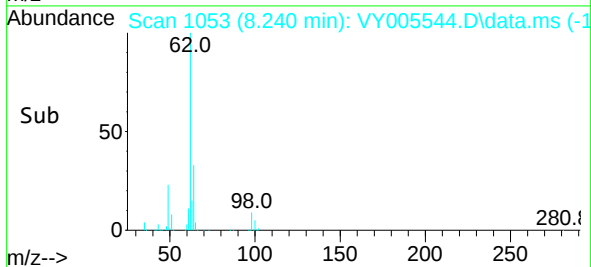
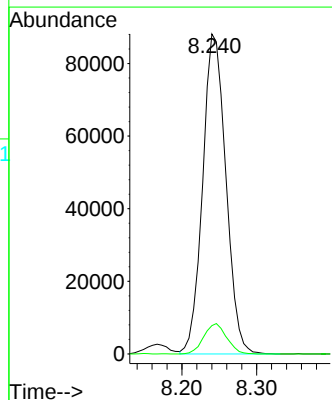
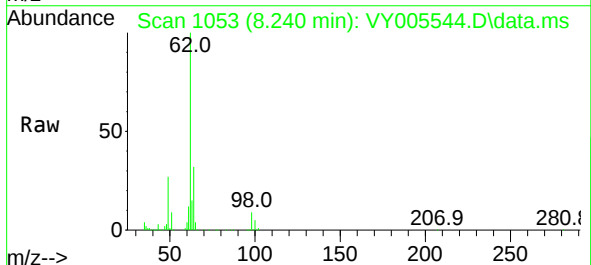
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 0.0   | 0.0   | 0.0   |
| 67  | 0.0   | 0.0   | 0.0   |
| 52  | 0.0   | 0.0   | 0.0   |

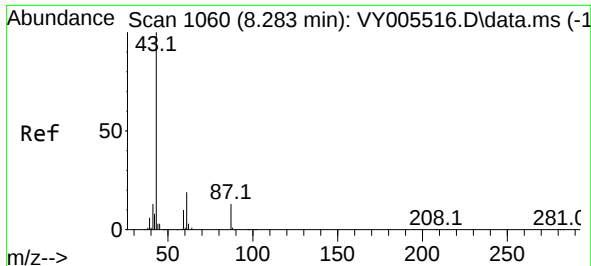


#42  
1,2-Dichloroethane  
Concen: 47.830 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 62 Resp: 190284

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.3   | 0.0   | 18.4  |





#43

Isopropyl Acetate

Concen: 45.548 ug/l

RT: 8.277 min Scan# 1059

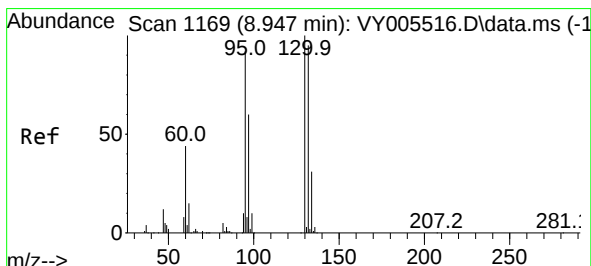
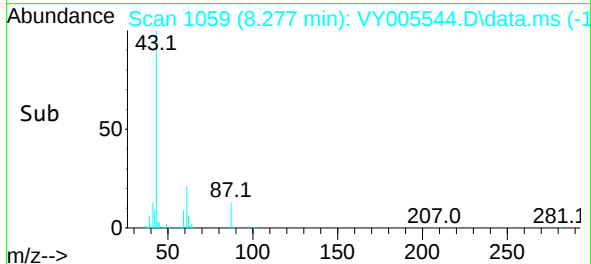
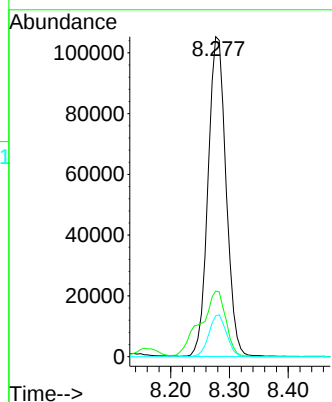
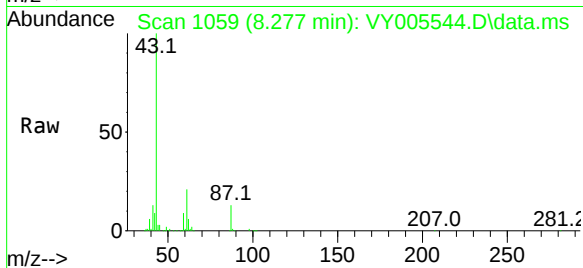
Delta R.T. -0.006 min

Lab File: VY005544.D

Acq: 05 Aug 2021 09:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 223745 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 61 29.2     | 23.0 34.6    |
| 87 12.9     | 10.6 16.0    |



#44

Trichloroethene

Concen: 50.838 ug/l

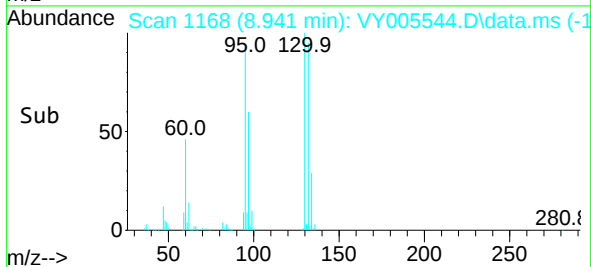
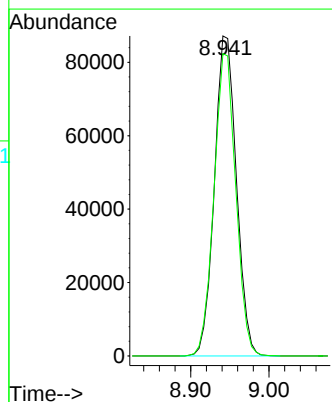
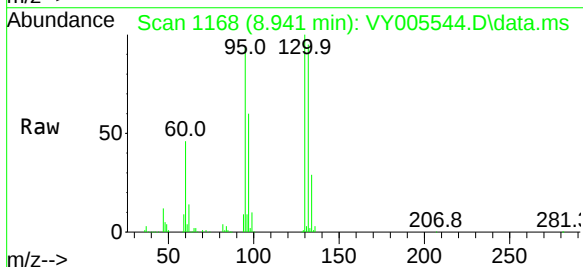
RT: 8.941 min Scan# 1168

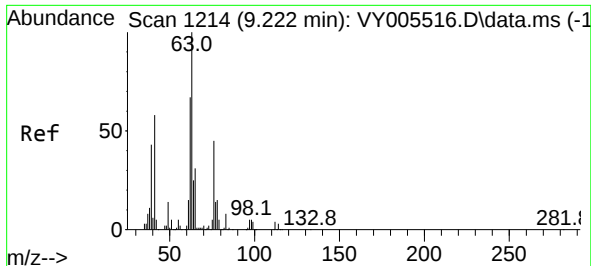
Delta R.T. -0.006 min

Lab File: VY005544.D

Acq: 05 Aug 2021 09:56

|             |              |
|-------------|--------------|
| Tgt Ion:130 | Resp: 170176 |
| Ion Ratio   | Lower Upper  |
| 130 100     |              |
| 95 94.5     | 0.0 185.0    |

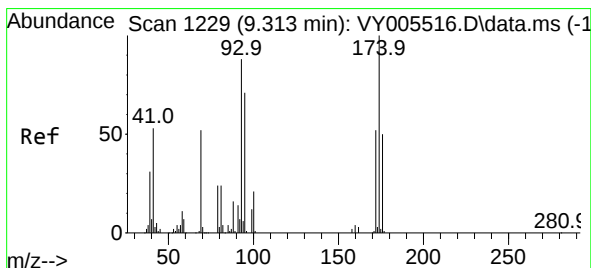
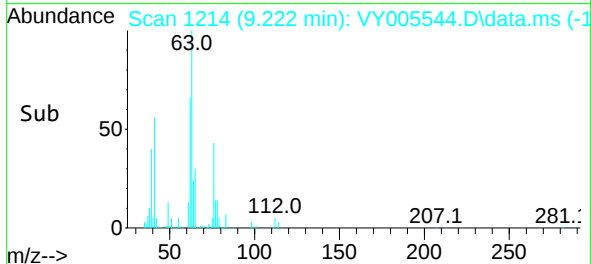
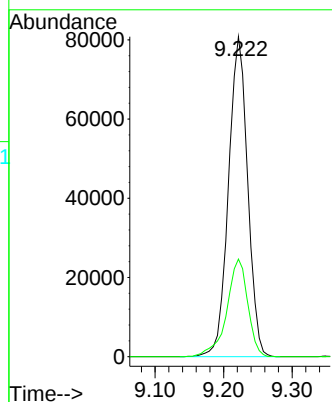
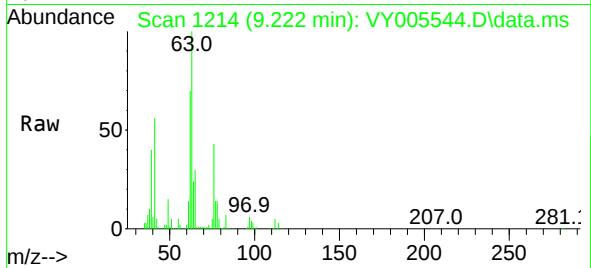




#45  
1,2-Dichloropropane  
Concen: 50.999 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

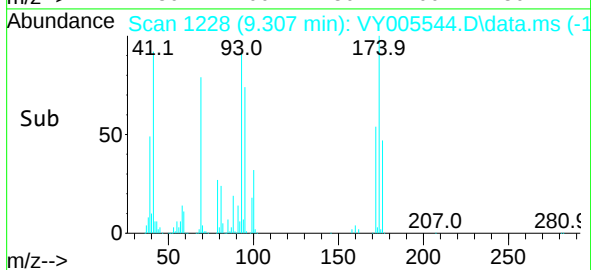
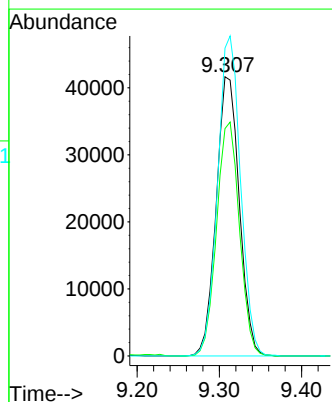
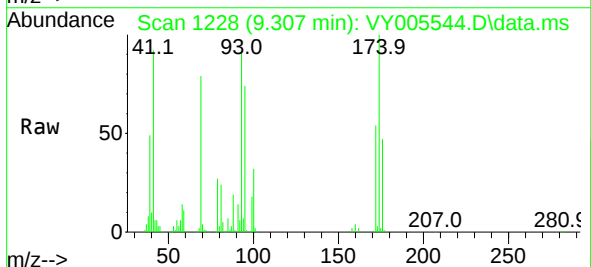
Instrument :  
MSVOA\_Y  
ClientSampled :

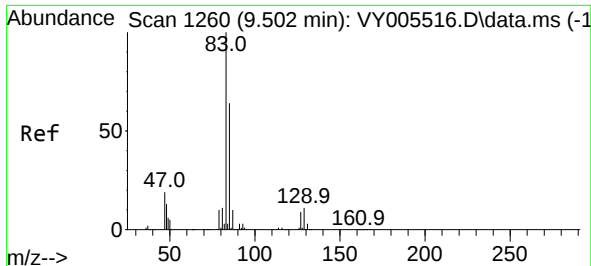
Tgt Ion: 63 Resp: 156482  
Ion Ratio Lower Upper  
63 100  
65 30.5 24.9 37.3



#46  
Dibromomethane  
Concen: 47.987 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 93 Resp: 81414  
Ion Ratio Lower Upper  
93 100  
95 82.9 66.5 99.7  
174 113.6 93.8 140.6

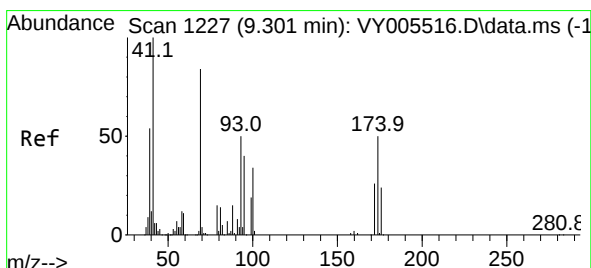
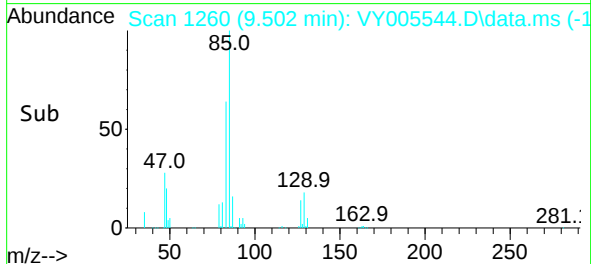
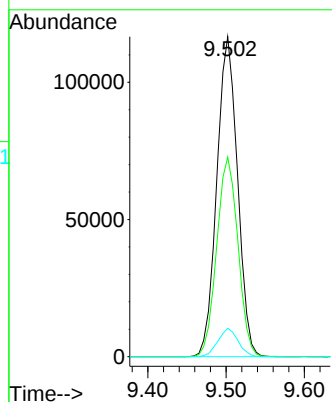
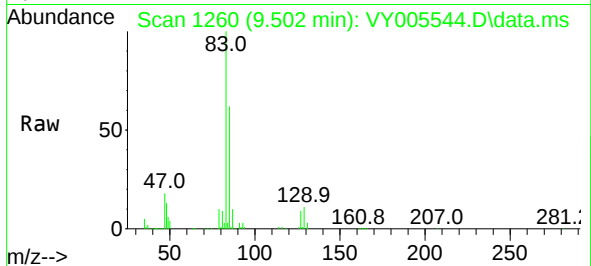




#47  
Bromodichloromethane  
Concen: 50.443 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

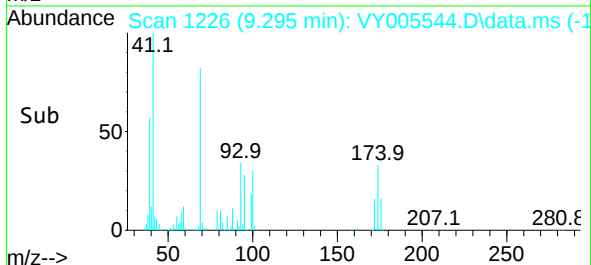
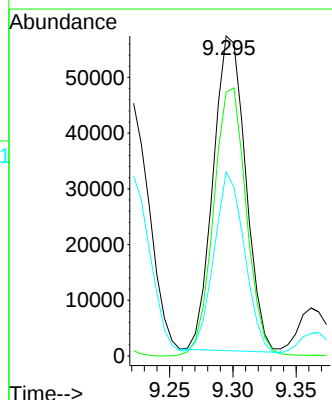
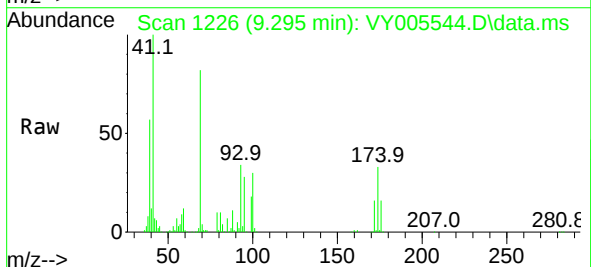
Instrument :  
MSVOA\_Y  
ClientSampleId :

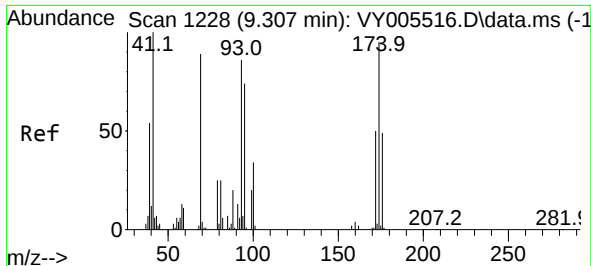
Tgt Ion: 83 Resp: 214187  
Ion Ratio Lower Upper  
83 100  
85 62.4 51.0 76.4  
127 8.8 7.0 10.4



#48  
Methyl methacrylate  
Concen: 45.428 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 41 Resp: 100852  
Ion Ratio Lower Upper  
41 100  
69 86.1 69.0 103.4  
39 54.5 46.0 69.0





#49

1,4-Dioxane

Concen: 886.936 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY005544.D

Acq: 05 Aug 2021 09:56

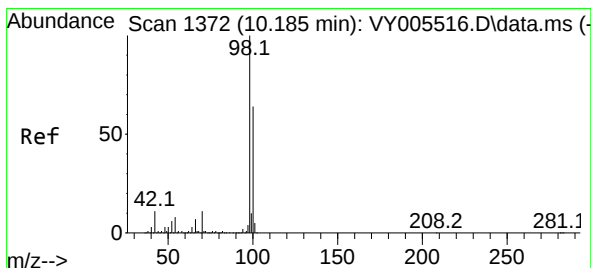
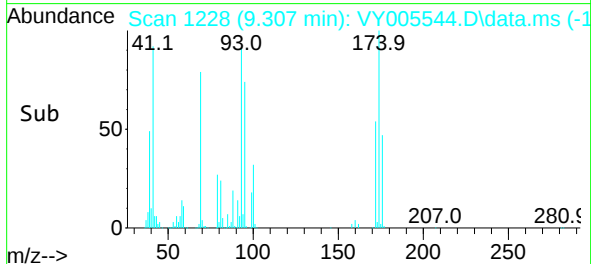
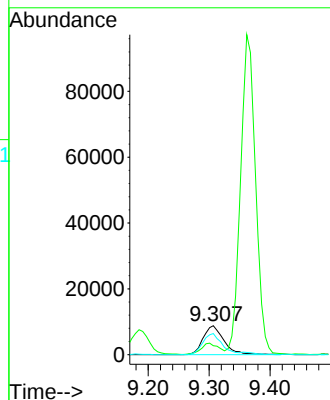
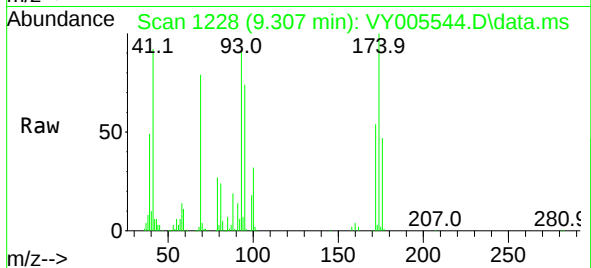
Tgt Ion: 88 Resp: 20913

Ion Ratio Lower Upper

88 100

43 32.9 27.0 40.4

58 67.6 53.8 80.8



#50

Toluene-d8

Concen: 48.546 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY005544.D

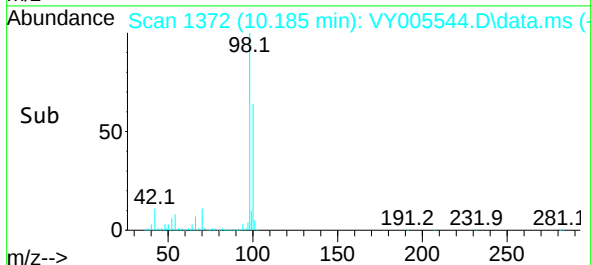
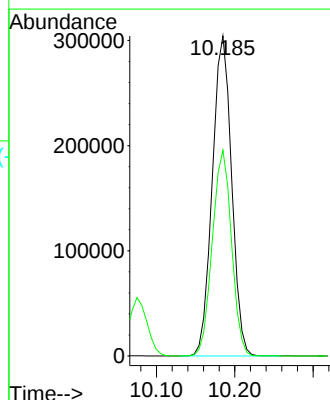
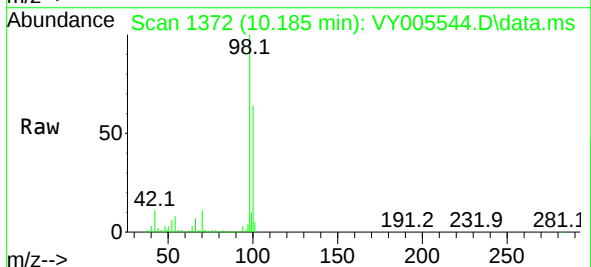
Acq: 05 Aug 2021 09:56

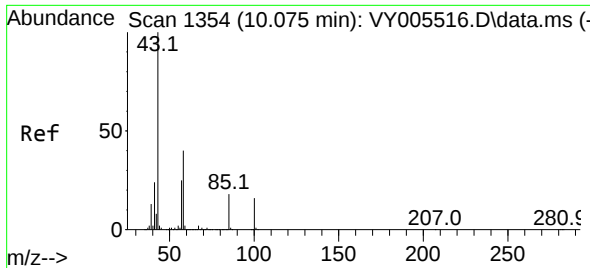
Tgt Ion: 98 Resp: 520522

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9

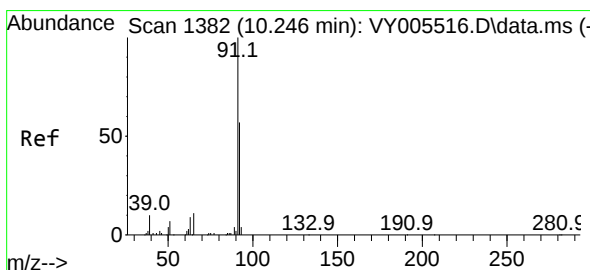
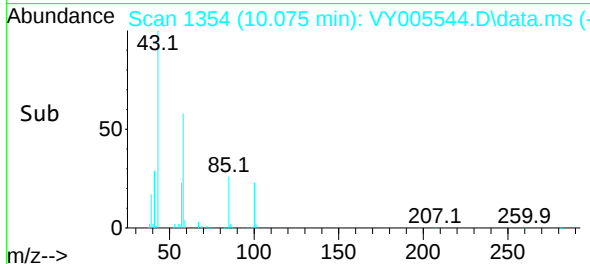
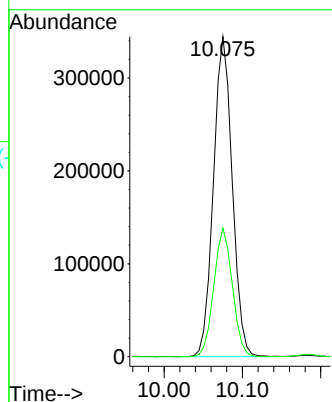
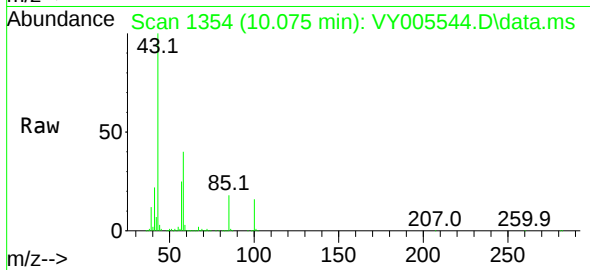




#51  
4-Methyl-2-Pentanone  
Concen: 221.972 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

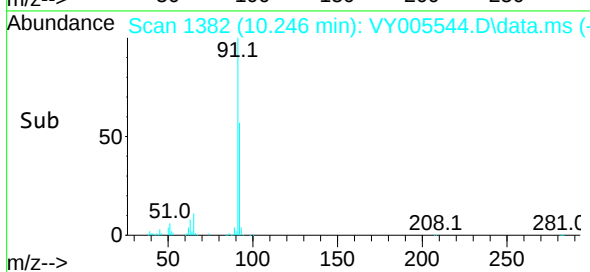
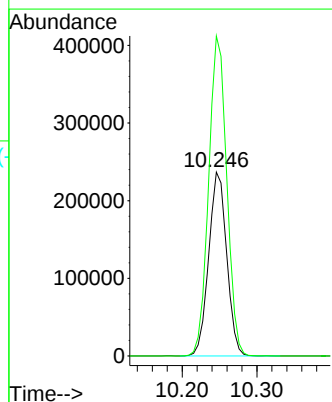
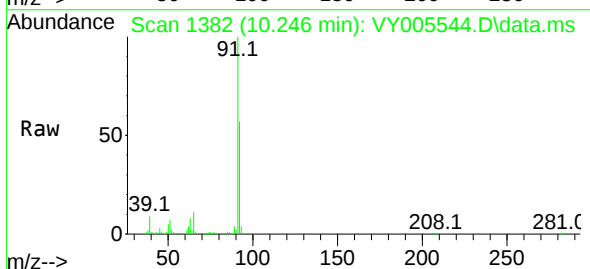
Instrument :  
MSVOA\_Y  
ClientSampleId :

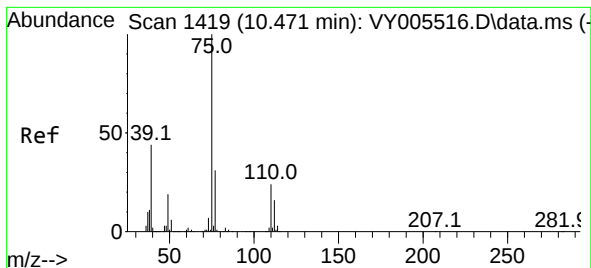
Tgt Ion: 43 Resp: 574238  
Ion Ratio Lower Upper  
43 100  
58 39.7 31.4 47.2



#52  
Toluene  
Concen: 50.620 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 92 Resp: 395870  
Ion Ratio Lower Upper  
92 100  
91 174.9 139.6 209.4

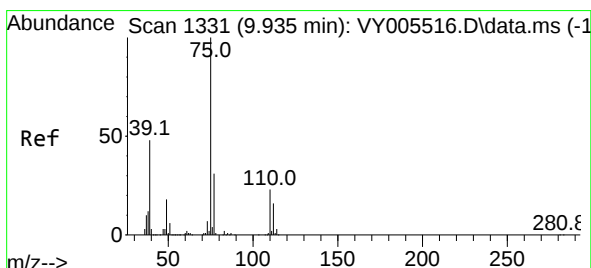
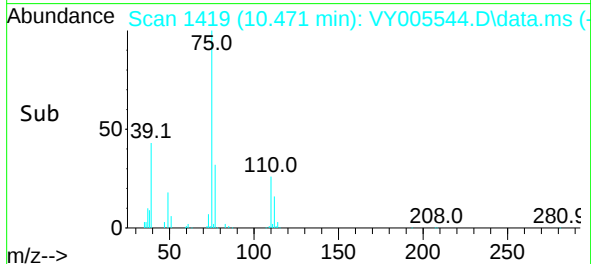
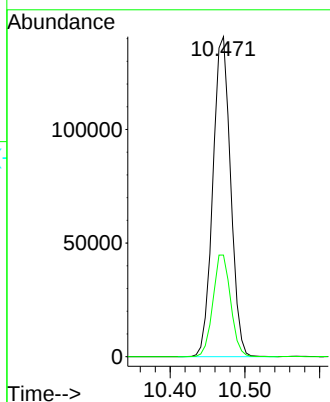
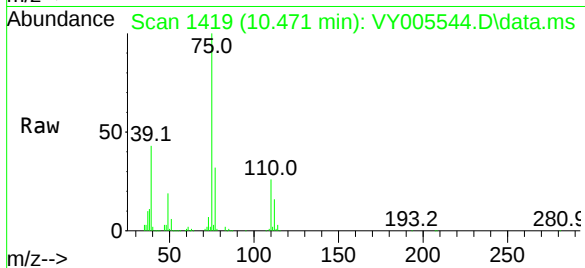




#53  
 t-1,3-Dichloropropene  
 Concen: 49.063 ug/l  
 RT: 10.471 min Scan# 1419  
 Delta R.T. -0.000 min  
 Lab File: VY005544.D  
 Acq: 05 Aug 2021 09:56

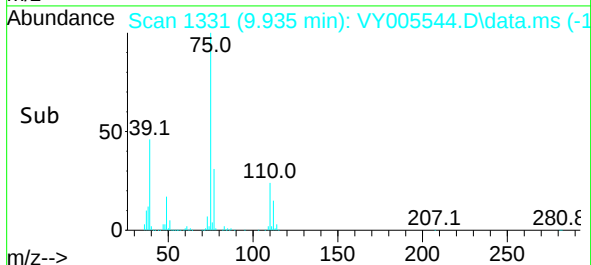
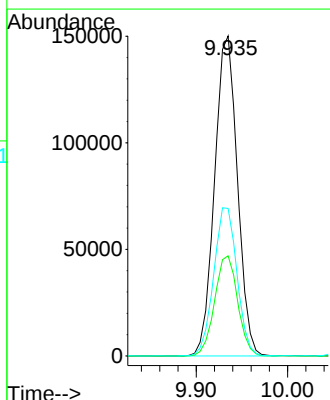
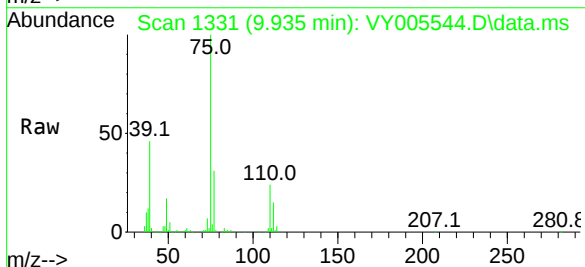
Instrument :  
 MSVOA\_Y  
 ClientSampled :

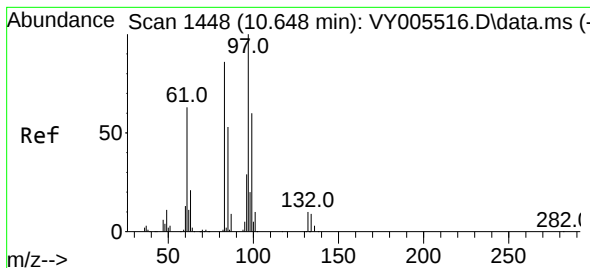
Tgt Ion: 75 Resp: 232817  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 24.5 36.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 50.585 ug/l  
 RT: 9.935 min Scan# 1331  
 Delta R.T. -0.000 min  
 Lab File: VY005544.D  
 Acq: 05 Aug 2021 09:56

Tgt Ion: 75 Resp: 260503  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 24.6 36.8  
 39 46.1 38.1 57.1

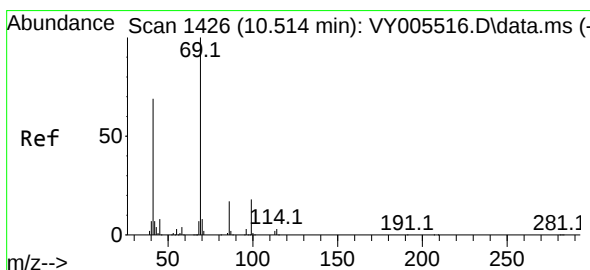
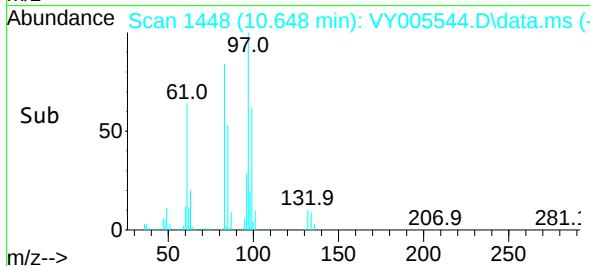
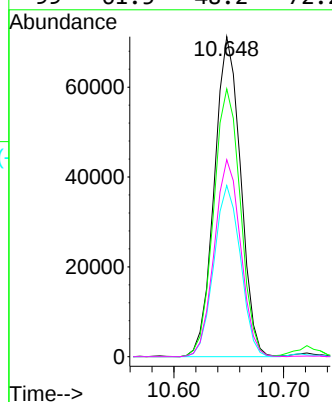
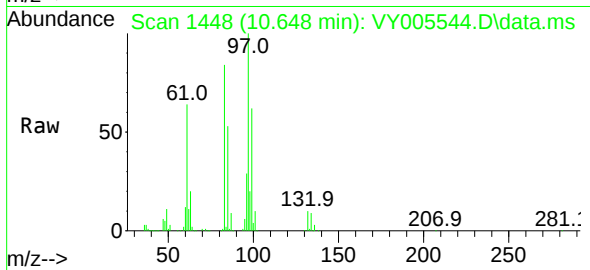




#55  
1,1,2-Trichloroethane  
Concen: 48.359 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

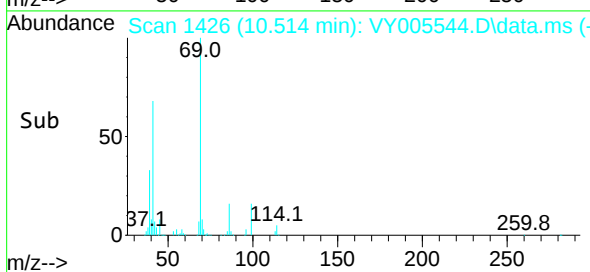
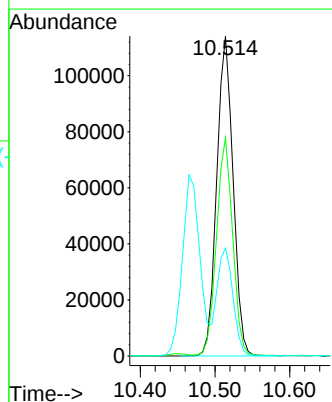
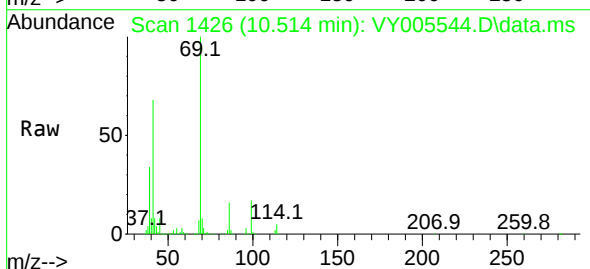
Instrument :  
MSVOA\_Y  
ClientSampleId :

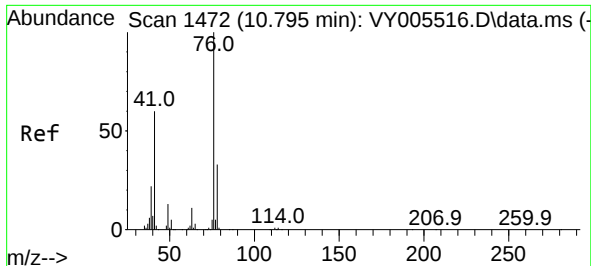
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 118712 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.7  | 68.7  | 103.1  |
| 85       | 53.5  | 42.4  | 63.6   |
| 99       | 61.5  | 48.2  | 72.2   |



#56  
Ethyl methacrylate  
Concen: 47.198 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 173489 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.4  | 53.9  | 80.9   |
| 39       | 32.0  | 27.0  | 40.4   |

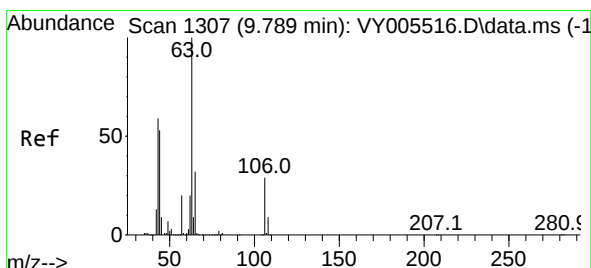
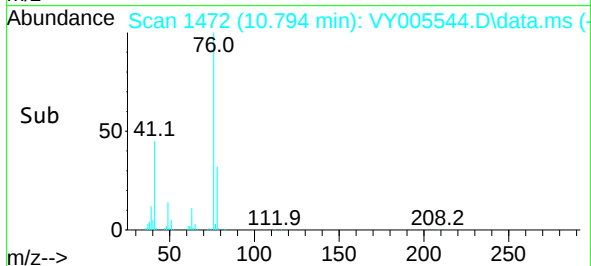
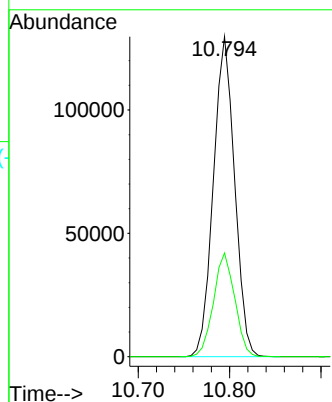
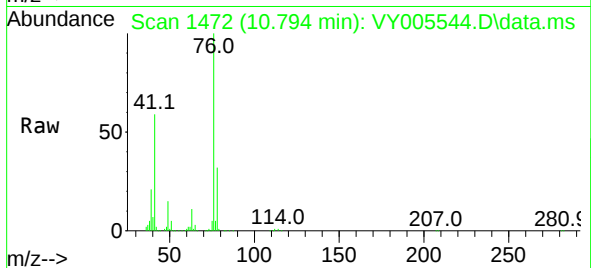




#57  
1,3-Dichloropropane  
Concen: 48.267 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

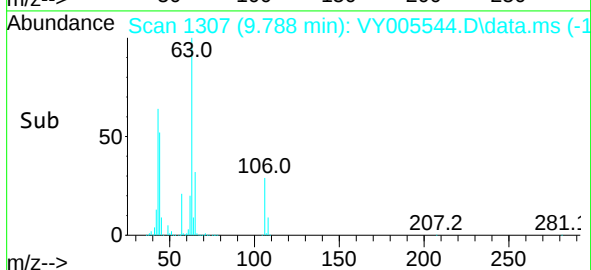
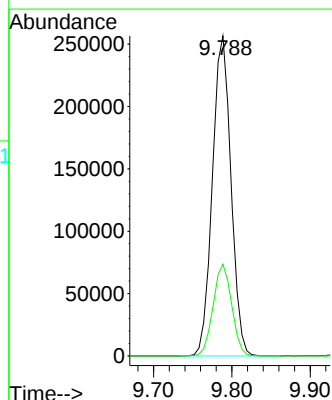
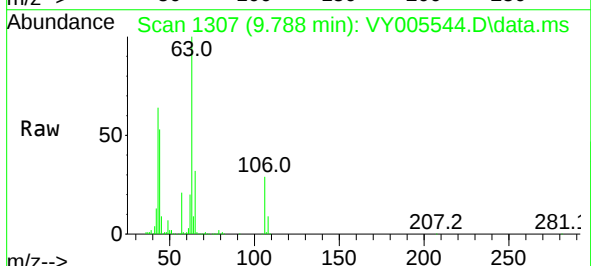
Instrument :  
MSVOA\_Y  
ClientSampled :

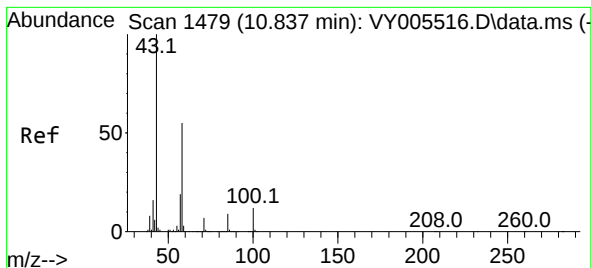
Tgt Ion: 76 Resp: 208941  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 240.585 ug/l  
RT: 9.788 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 63 Resp: 422549  
Ion Ratio Lower Upper  
63 100  
106 28.6 23.1 34.7

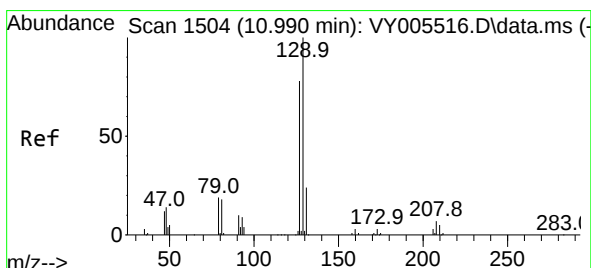
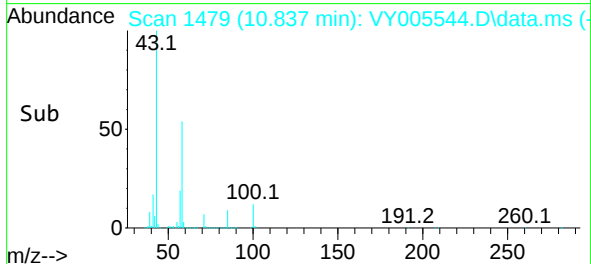
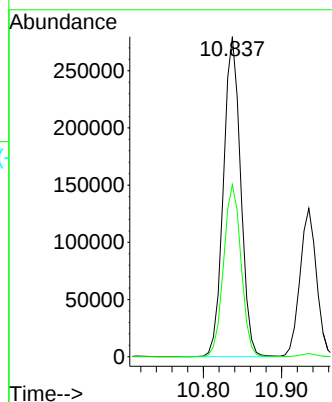
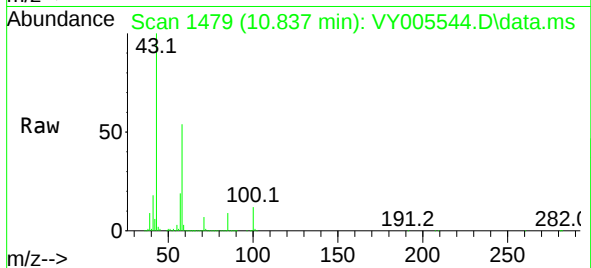




#59  
2-Hexanone  
Concen: 234.294 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

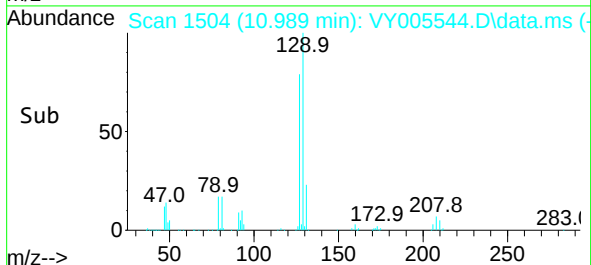
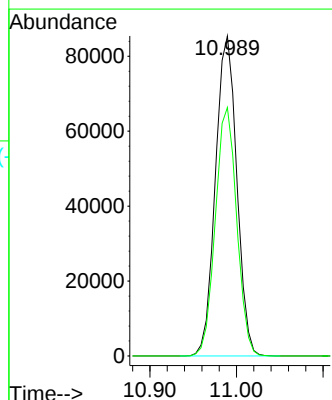
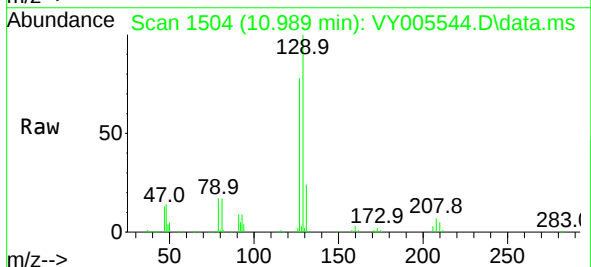
Instrument :  
MSVOA\_Y  
ClientSampleId :

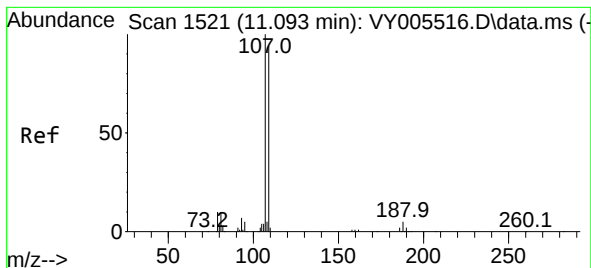
Tgt Ion: 43 Resp: 428398  
Ion Ratio Lower Upper  
43 100  
58 54.3 27.1 81.2



#60  
Dibromochloromethane  
Concen: 48.179 ug/l  
RT: 10.989 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 129 Resp: 146366  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.6 115.7

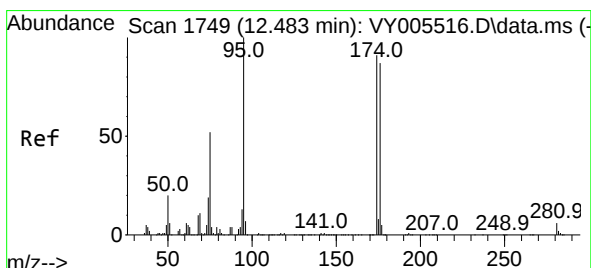
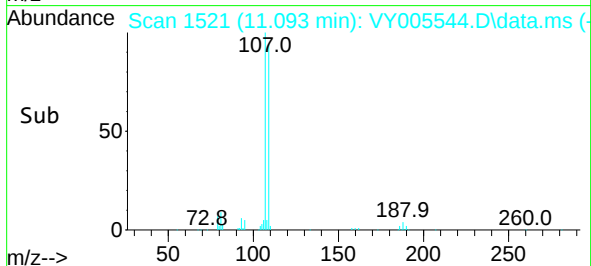
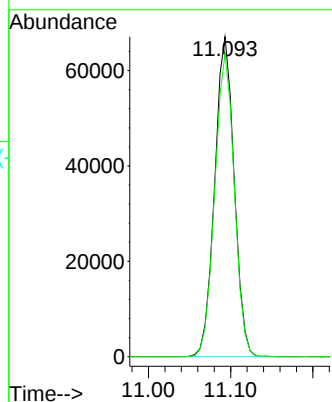
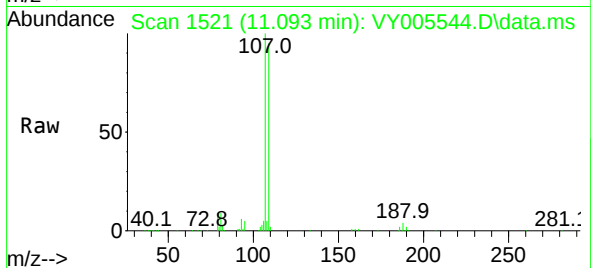




#61  
1,2-Dibromoethane  
Concen: 47.426 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

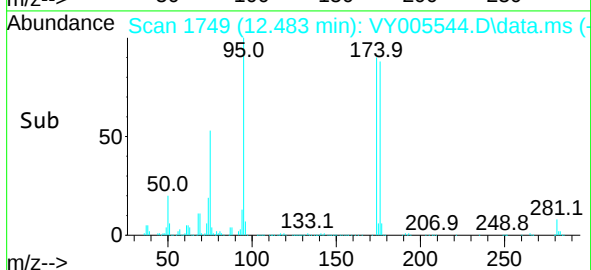
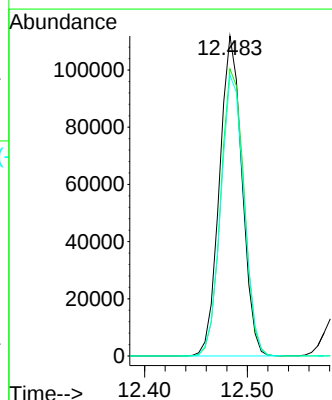
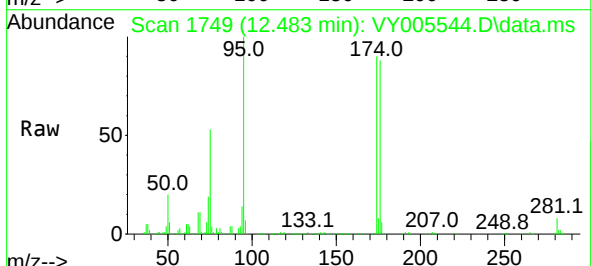
Instrument :  
MSVOA\_Y  
ClientSampleId :

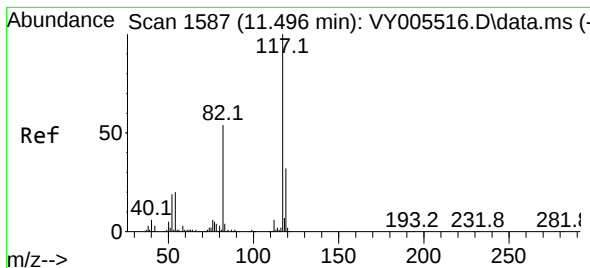
Tgt Ion:107 Resp: 110281  
Ion Ratio Lower Upper  
107 100  
109 95.1 74.7 112.1



#62  
4-Bromofluorobenzene  
Concen: 47.886 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 95 Resp: 170026  
Ion Ratio Lower Upper  
95 100  
174 92.3 0.0 191.4  
176 90.2 0.0 183.6

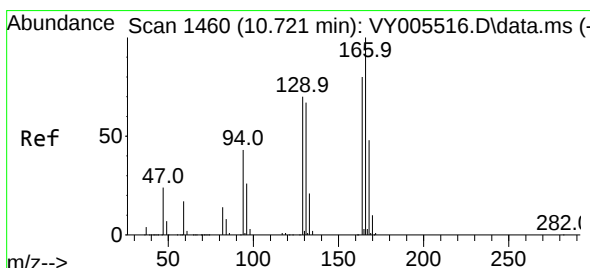
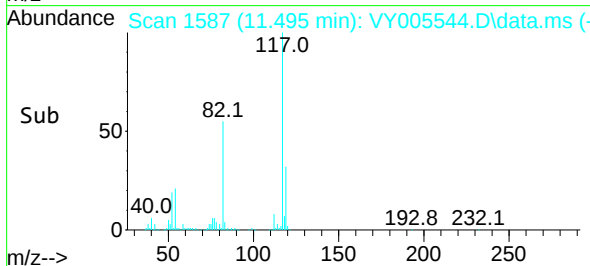
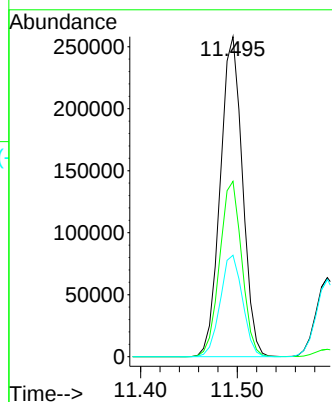
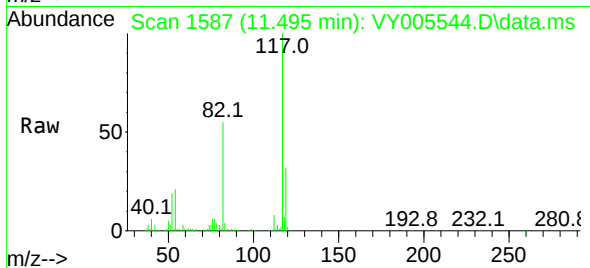




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

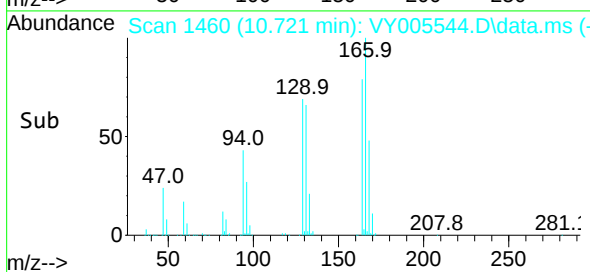
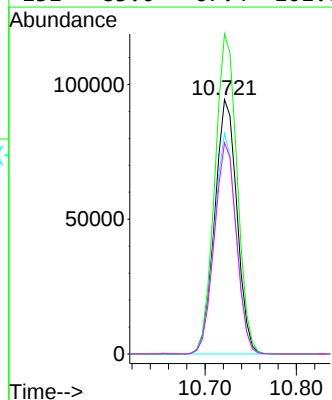
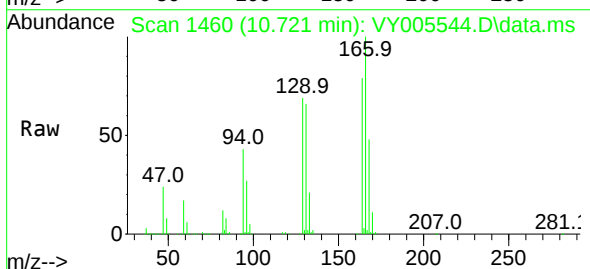
Instrument :  
MSVOA\_Y  
ClientSampleId :

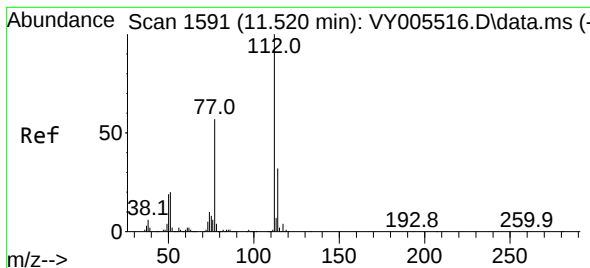
Tgt Ion:117 Resp: 411695  
Ion Ratio Lower Upper  
117 100  
82 54.8 43.5 65.3  
119 31.7 25.5 38.3



#64  
Tetrachloroethene  
Concen: 50.855 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion:164 Resp: 159367  
Ion Ratio Lower Upper  
164 100  
166 125.8 99.8 149.8  
129 86.7 70.1 105.1  
131 83.0 67.4 101.0

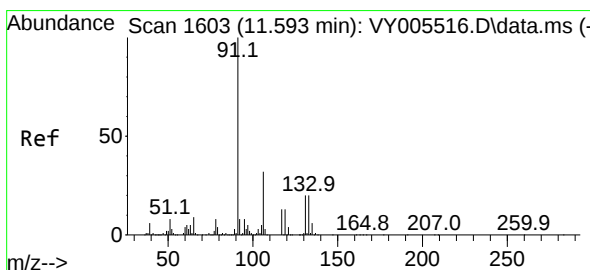
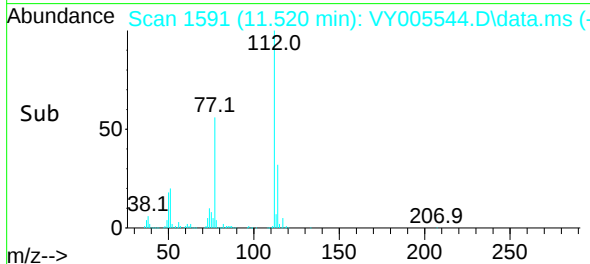
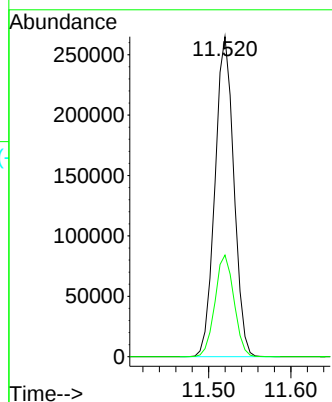
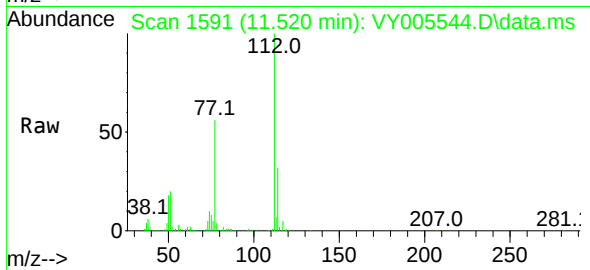




#65  
Chlorobenzene  
Concen: 50.906 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

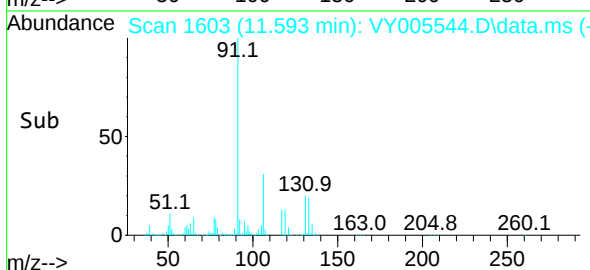
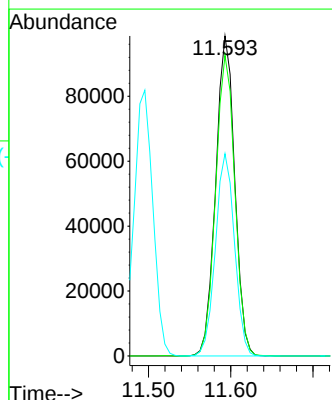
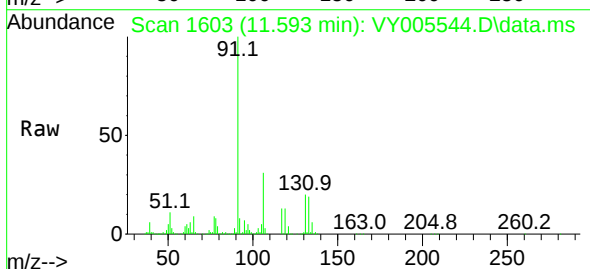
Instrument :  
MSVOA\_Y  
ClientSampleId :

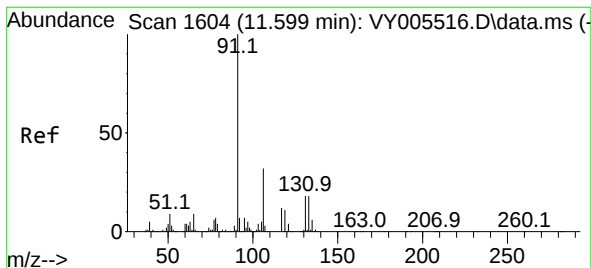
Tgt Ion:112 Resp: 421742  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.749 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion:131 Resp: 158244  
Ion Ratio Lower Upper  
131 100  
133 95.0 48.2 144.6  
119 63.4 31.4 94.0

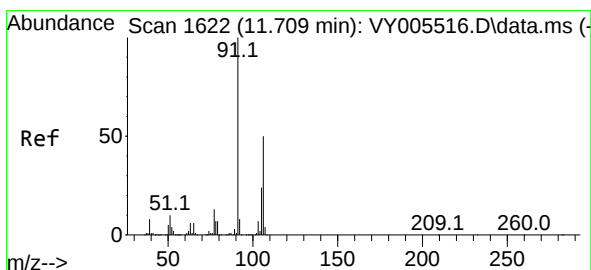
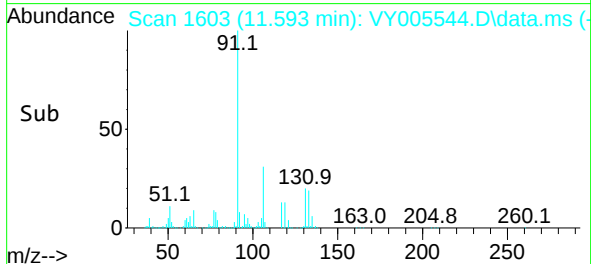
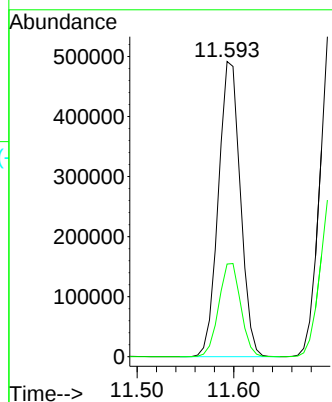
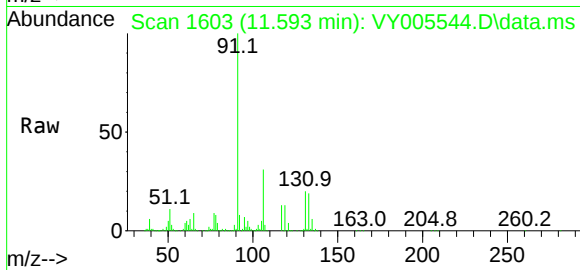




#67  
Ethyl Benzene  
Concen: 51.499 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

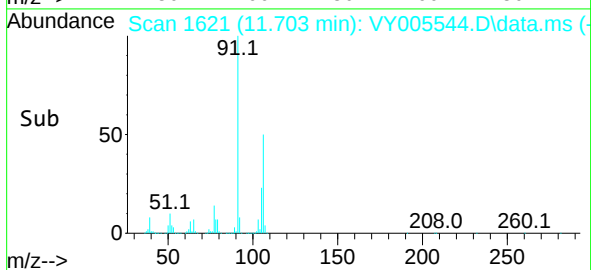
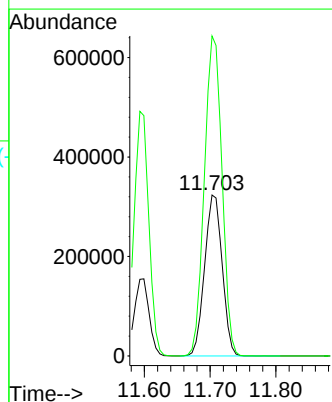
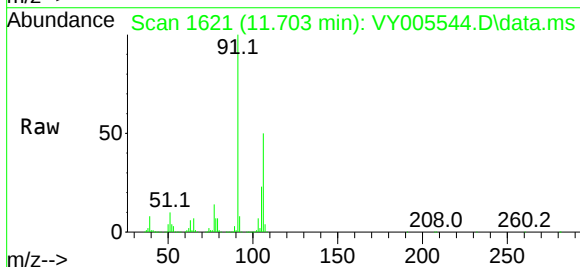
Instrument :  
MSVOA\_Y  
ClientSampleId :

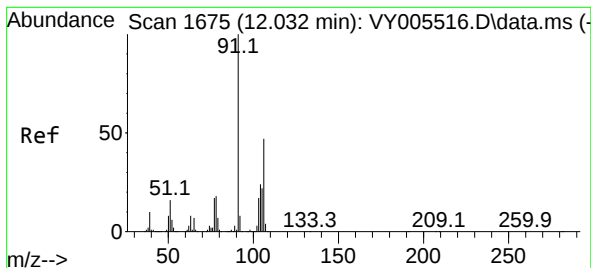
Tgt Ion: 91 Resp: 773660  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.8 38.6



#68  
m/p-Xylenes  
Concen: 103.153 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion:106 Resp: 601881  
Ion Ratio Lower Upper  
106 100  
91 199.4 159.6 239.4

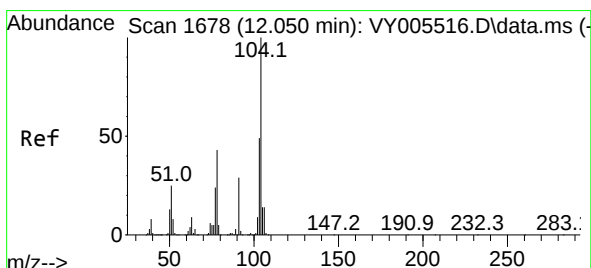
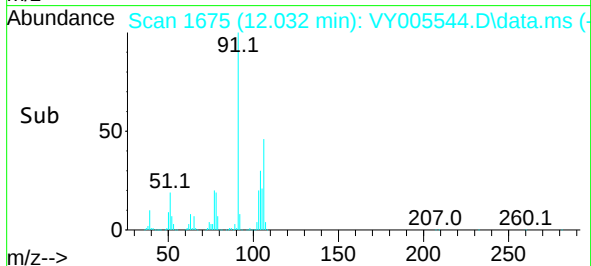
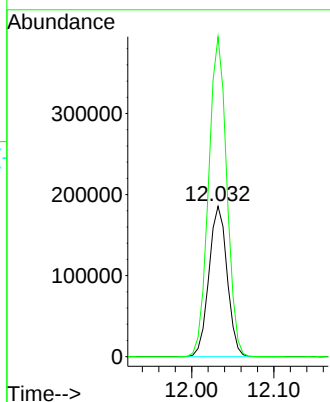
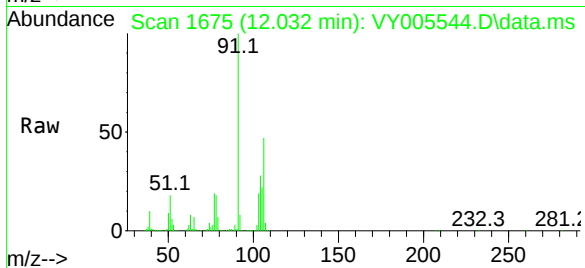




#69  
o-Xylene  
Concen: 50.926 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

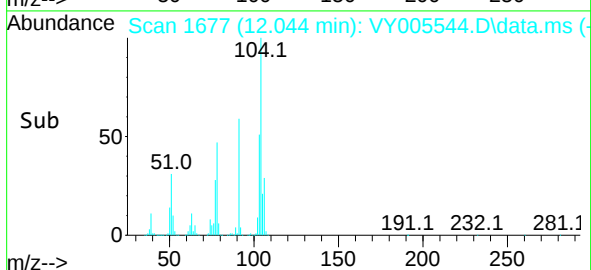
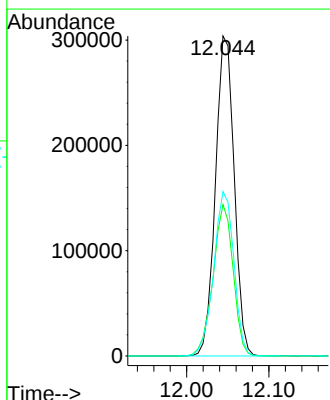
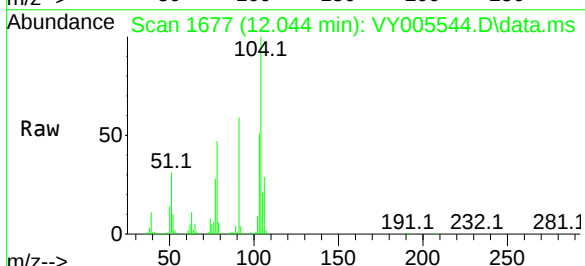
Instrument :  
MSVOA\_Y  
ClientSampleId :

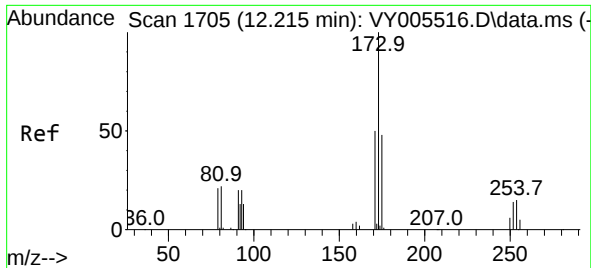
Tgt Ion:106 Resp: 285596  
Ion Ratio Lower Upper  
106 100  
91 212.1 106.2 318.6



#70  
Styrene  
Concen: 51.056 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion:104 Resp: 481954  
Ion Ratio Lower Upper  
104 100  
78 50.5 40.2 60.4  
103 55.3 43.8 65.8

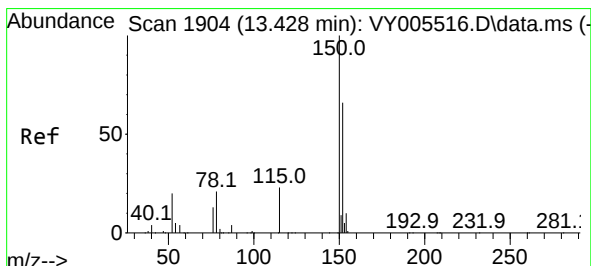
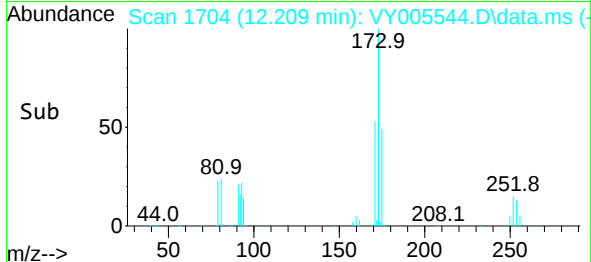
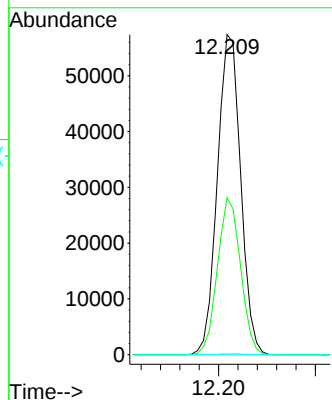
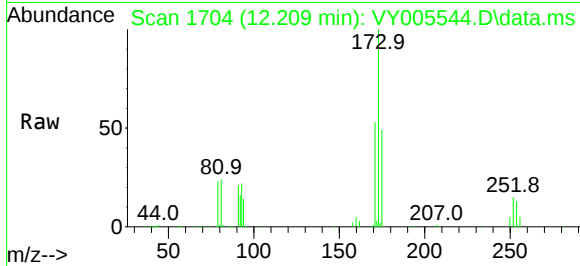




#71  
Bromoform  
Concen: 47.454 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

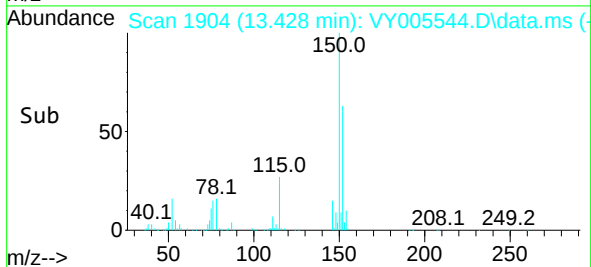
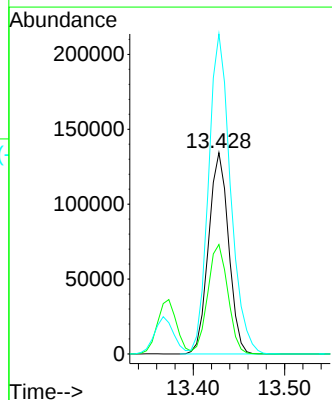
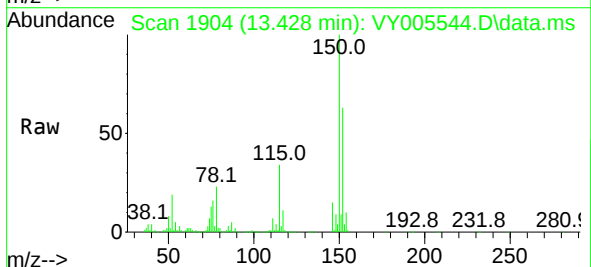
Instrument :  
MSVOA\_Y  
ClientSampleId :

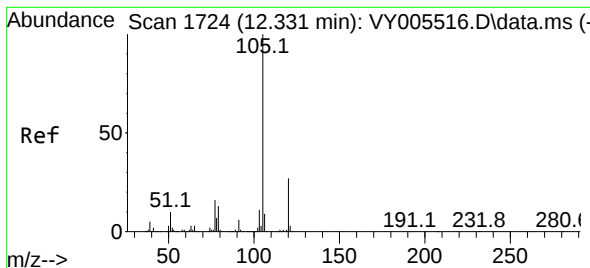
Tgt Ion:173 Resp: 95957  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.3 72.9  
254 0.2 0.2 0.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion:152 Resp: 204289  
Ion Ratio Lower Upper  
152 100  
115 54.6 27.3 81.9  
150 174.7 0.0 350.2

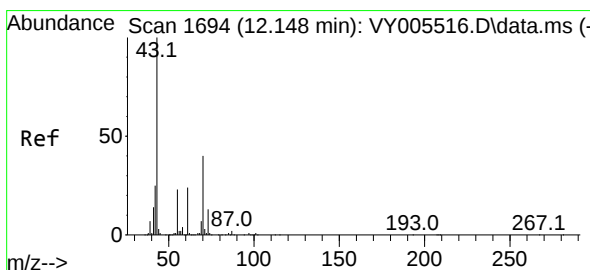
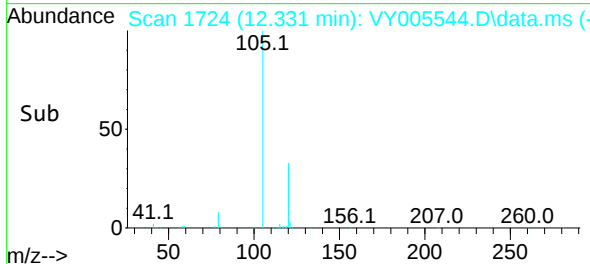
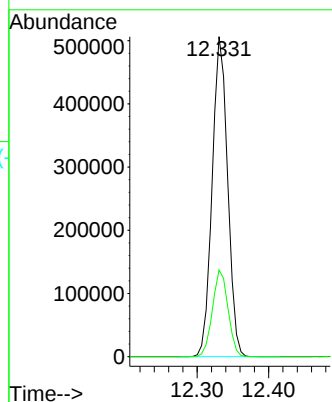
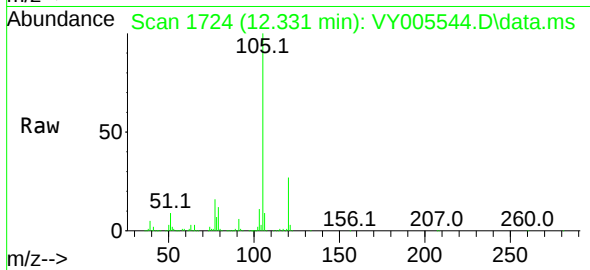




#73  
Isopropylbenzene  
Concen: 53.232 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

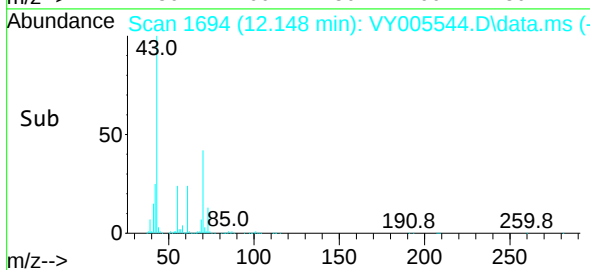
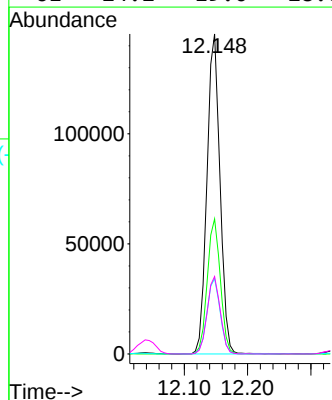
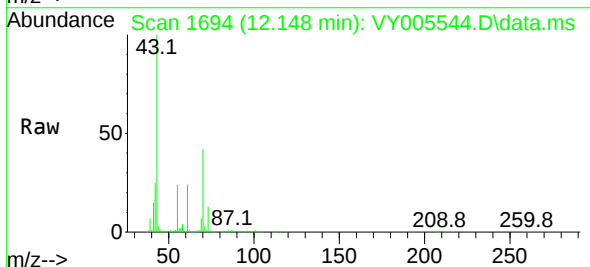
Instrument :  
MSVOA\_Y  
ClientSampled :

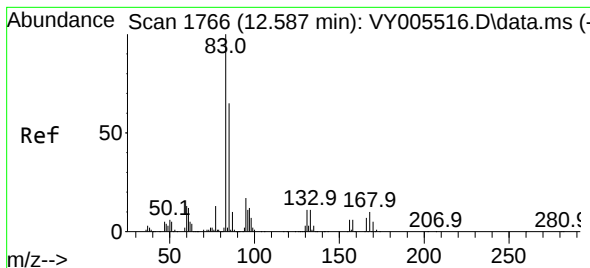
Tgt Ion:105 Resp: 759087  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.7 41.1



#74  
N-ethyl acetate  
Concen: 48.661 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 43 Resp: 208881  
Ion Ratio Lower Upper  
43 100  
70 42.2 32.9 49.3  
55 23.9 18.9 28.3  
61 24.2 19.0 28.6

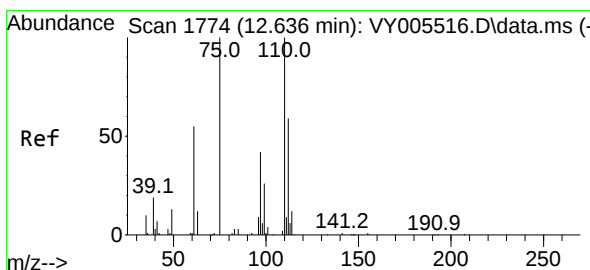
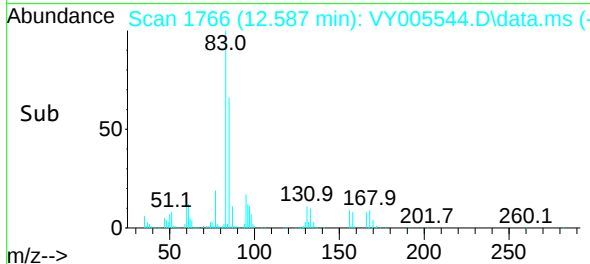
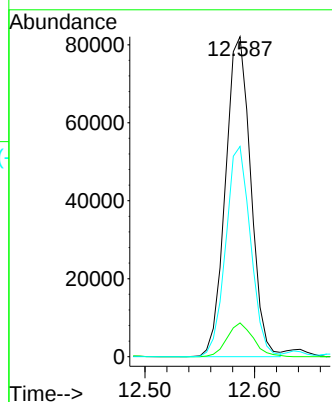
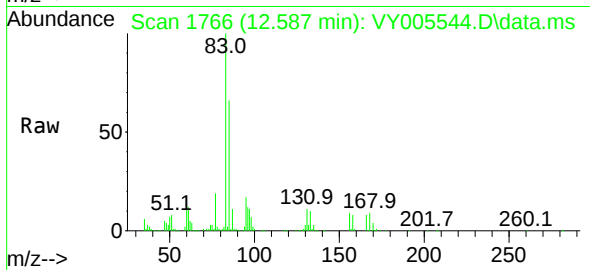




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.903 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

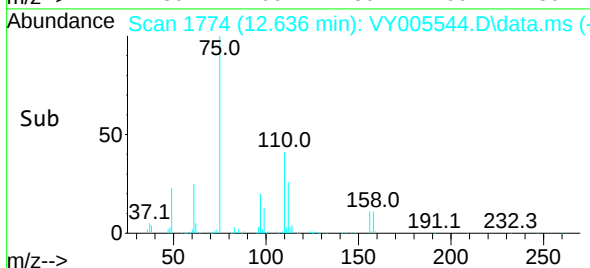
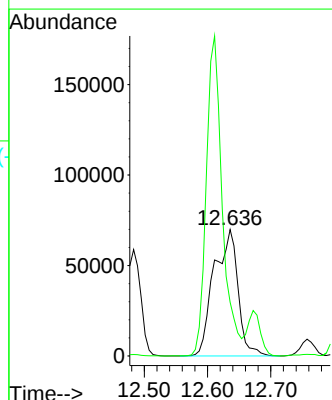
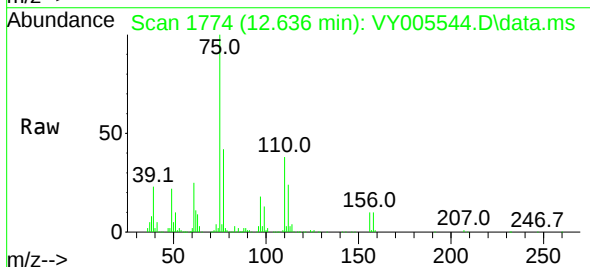
Instrument :  
MSVOA\_Y  
ClientSampleId :

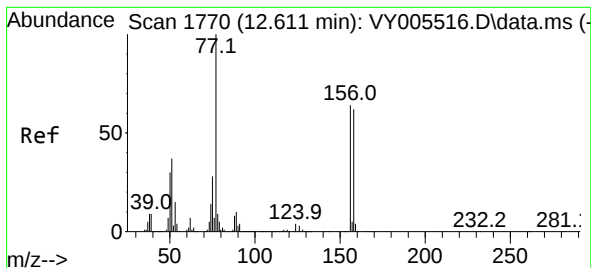
Tgt Ion: 83 Resp: 131386  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.6 16.8  
85 64.8 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 86.848 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 75 Resp: 183860  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

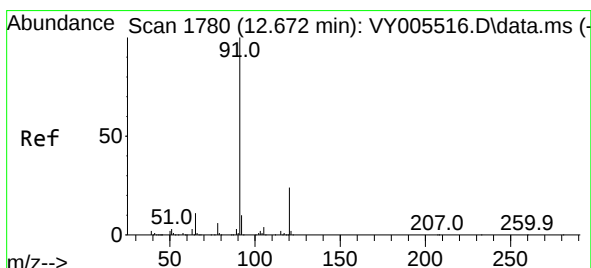
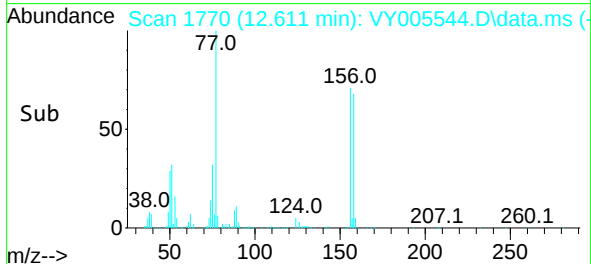
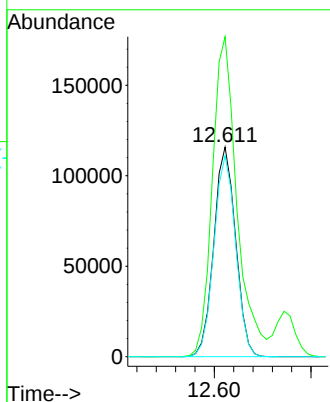
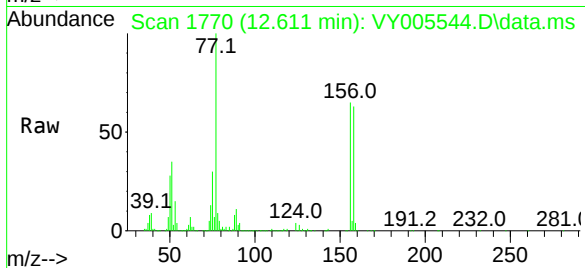




#77  
Bromobenzene  
Concen: 51.607 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

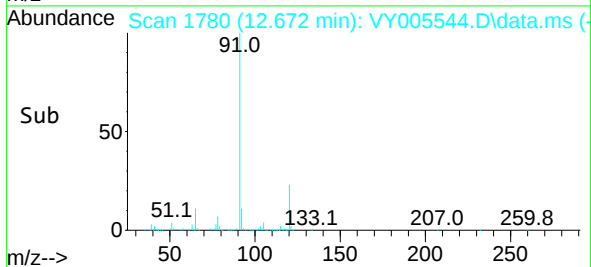
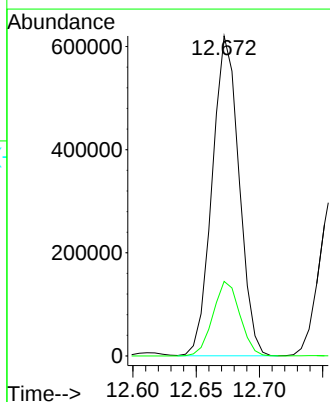
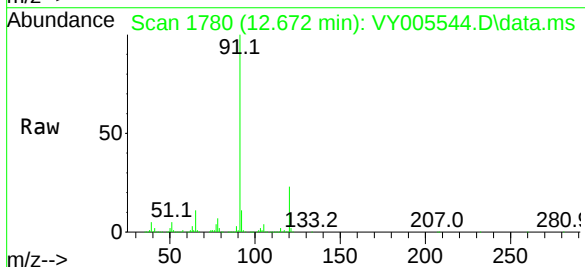
Instrument :  
MSVOA\_Y  
ClientSampleId :

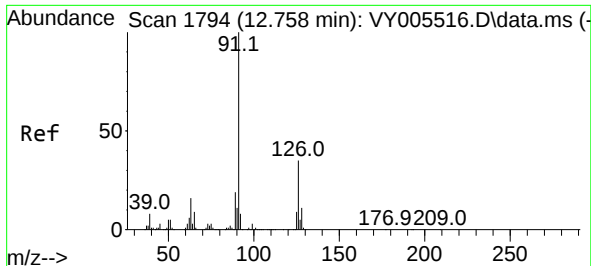
Tgt Ion:156 Resp: 180801  
Ion Ratio Lower Upper  
156 100  
77 172.7 85.5 256.5  
158 95.8 48.5 145.6



#78  
n-propylbenzene  
Concen: 54.064 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 91 Resp: 915657  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.9 35.9

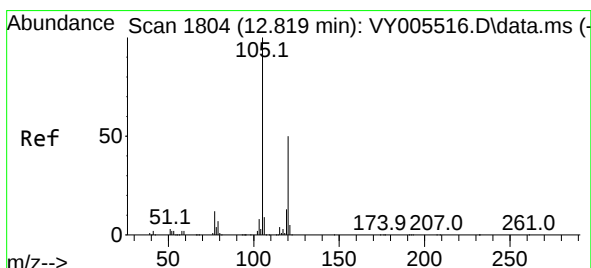
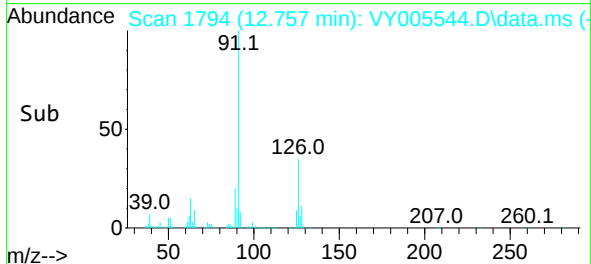
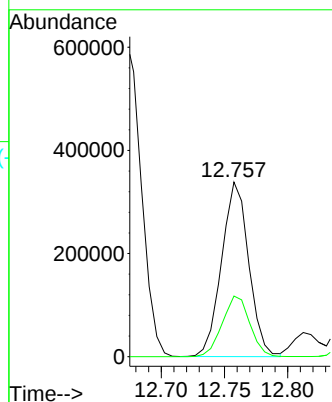
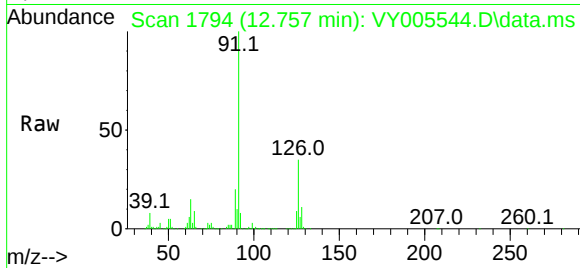




#79  
2-Chlorotoluene  
Concen: 53.254 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

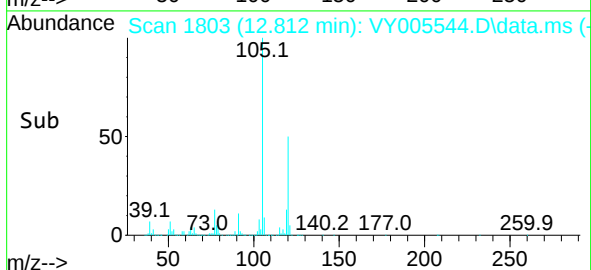
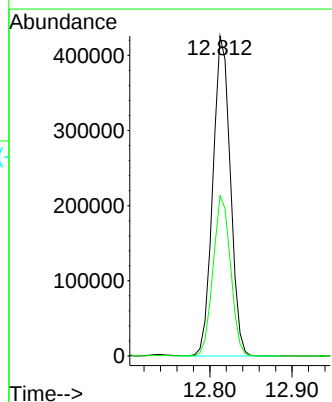
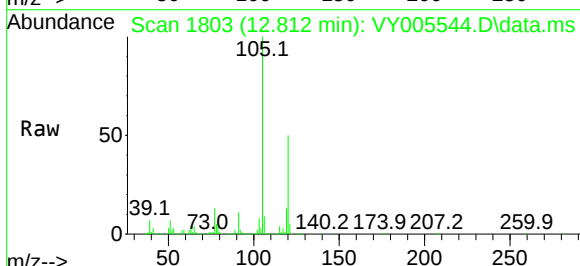
Instrument :  
MSVOA\_Y  
ClientSampled :

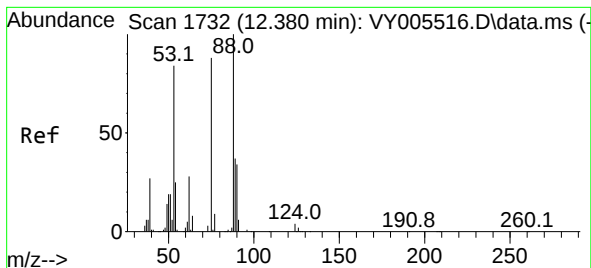
Tgt Ion: 91 Resp: 506458  
Ion Ratio Lower Upper  
91 100  
126 35.2 17.5 52.6



#80  
1,3,5-Trimethylbenzene  
Concen: 53.066 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 105 Resp: 628001  
Ion Ratio Lower Upper  
105 100  
120 50.1 25.0 75.0

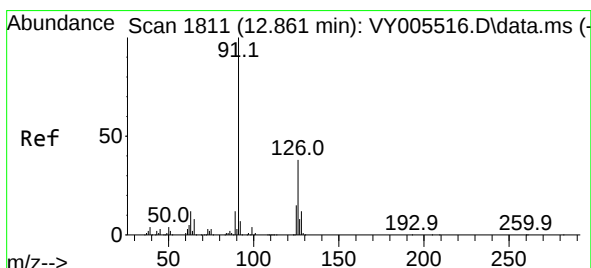
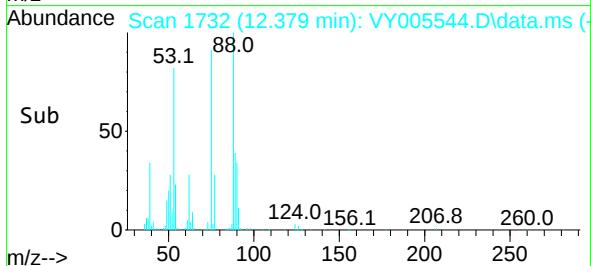
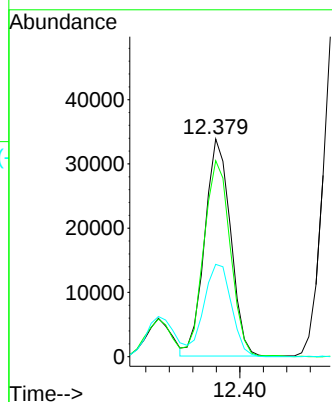
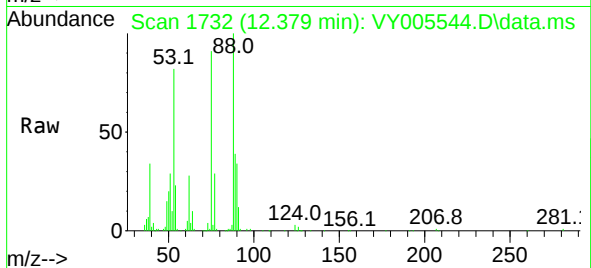




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.129 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

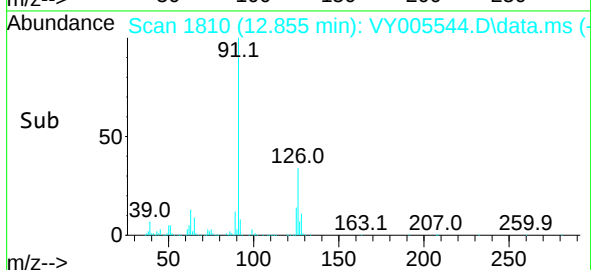
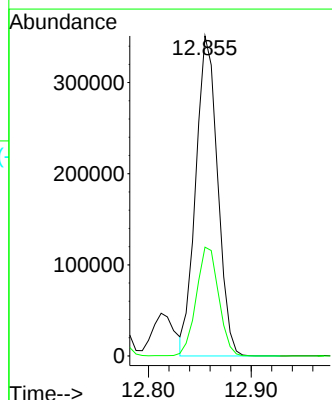
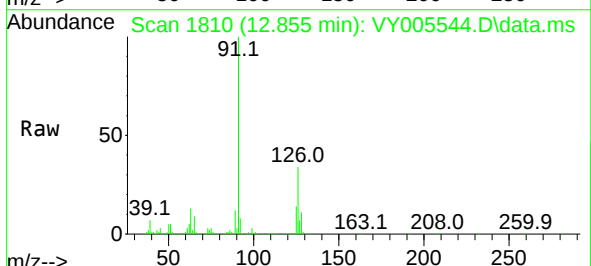
Instrument :  
MSVOA\_Y  
ClientSampleId :

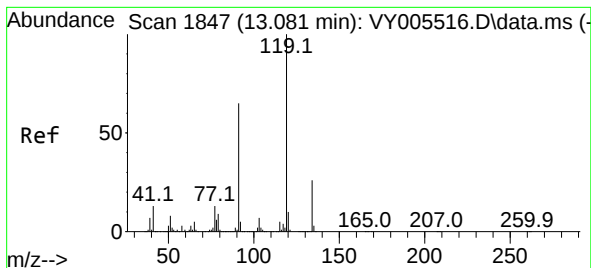
Tgt Ion: 75 Resp: 51594  
Ion Ratio Lower Upper  
75 100  
53 93.0 76.7 115.1  
89 45.1 38.4 57.6



#82  
4-Chlorotoluene  
Concen: 52.721 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 91 Resp: 518787  
Ion Ratio Lower Upper  
91 100  
126 34.9 17.5 52.5

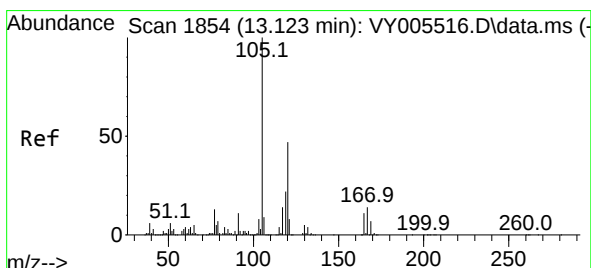
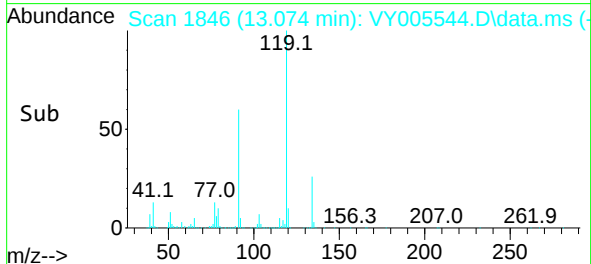
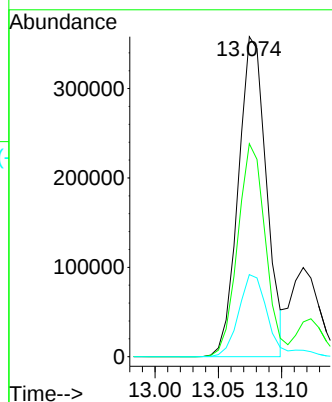
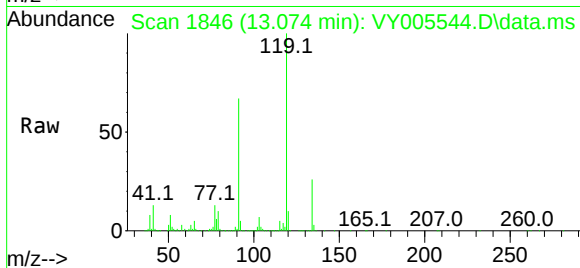




#83  
tert-Butylbenzene  
Concen: 52.078 ug/l  
RT: 13.074 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

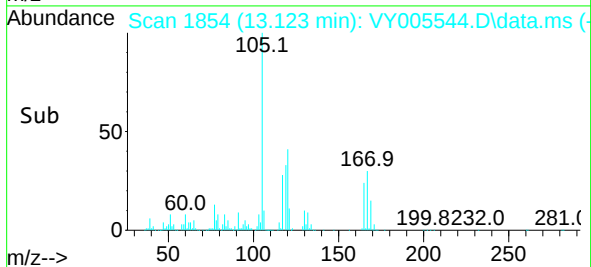
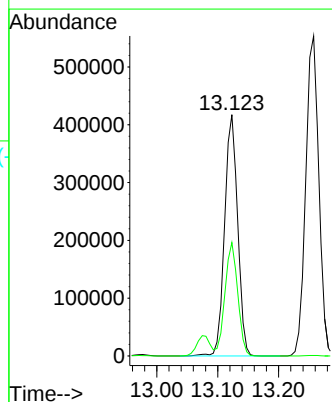
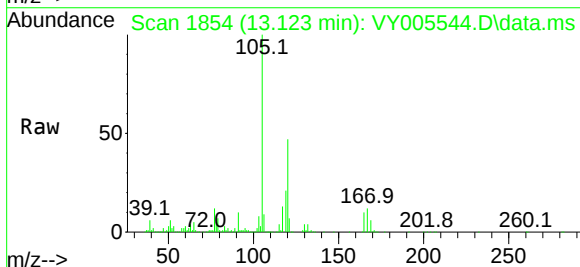
Instrument :  
MSVOA\_Y  
ClientSampleId :

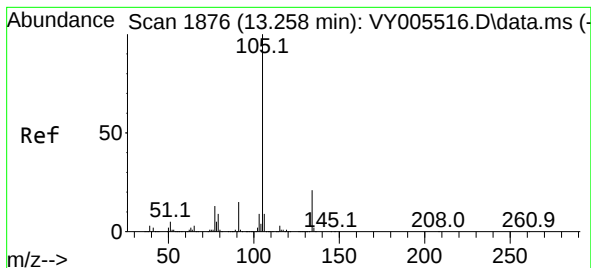
Tgt Ion:119 Resp: 553025  
Ion Ratio Lower Upper  
119 100  
91 65.9 31.9 95.9  
134 27.3 13.4 40.2



#84  
1,2,4-Trimethylbenzene  
Concen: 53.251 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion:105 Resp: 621823  
Ion Ratio Lower Upper  
105 100  
120 46.1 22.9 68.5

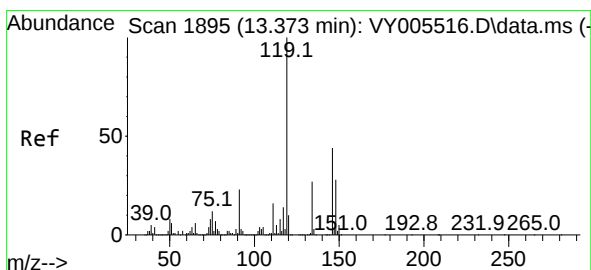
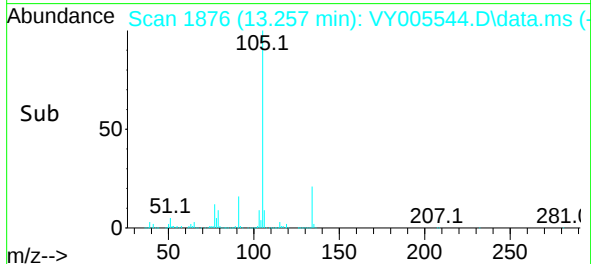
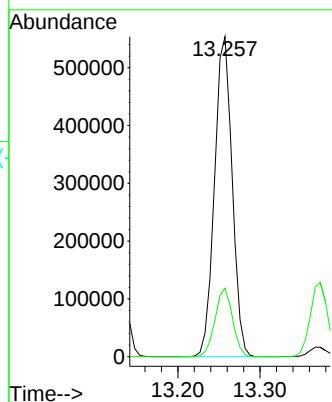
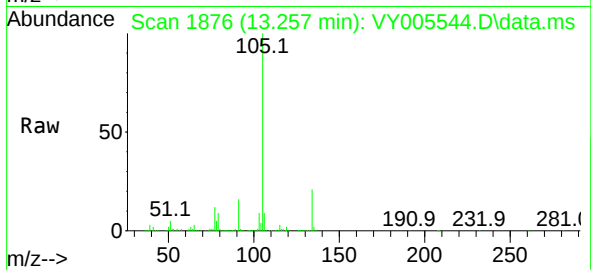




#85  
 sec-Butylbenzene  
 Concen: 53.840 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. -0.000 min  
 Lab File: VY005544.D  
 Acq: 05 Aug 2021 09:56

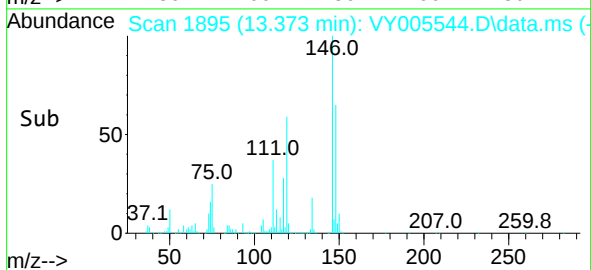
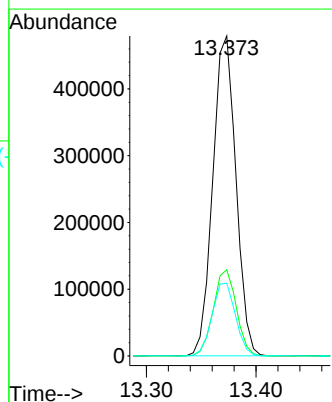
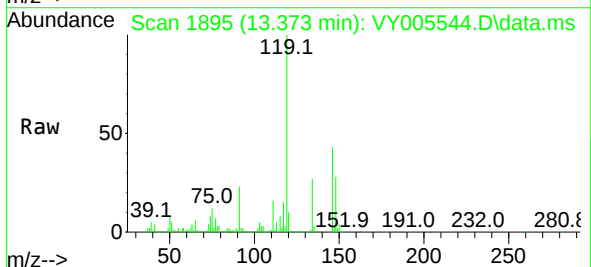
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

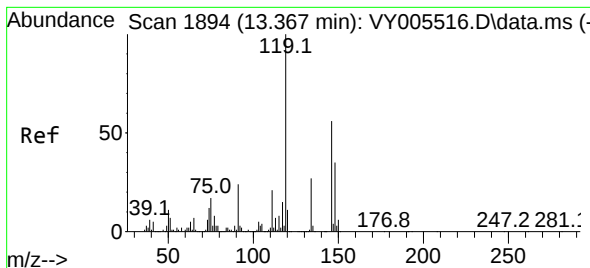
Tgt Ion:105 Resp: 824638  
 Ion Ratio Lower Upper  
 105 100  
 134 21.3 10.5 31.5



#86  
 p-Isopropyltoluene  
 Concen: 53.474 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. -0.000 min  
 Lab File: VY005544.D  
 Acq: 05 Aug 2021 09:56

Tgt Ion:119 Resp: 703195  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.6 40.7  
 91 23.1 11.6 34.7



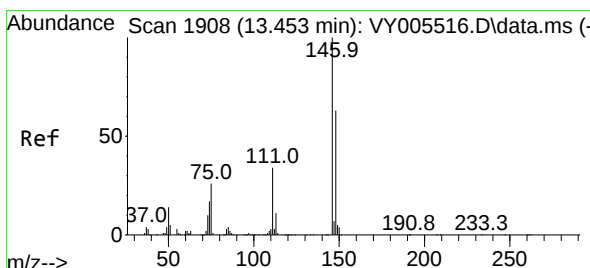
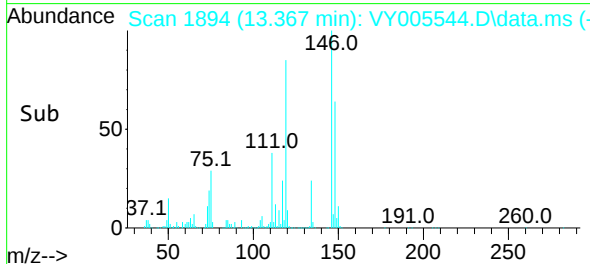
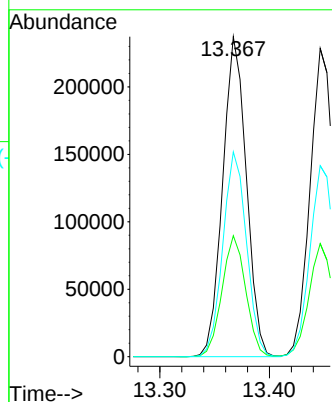
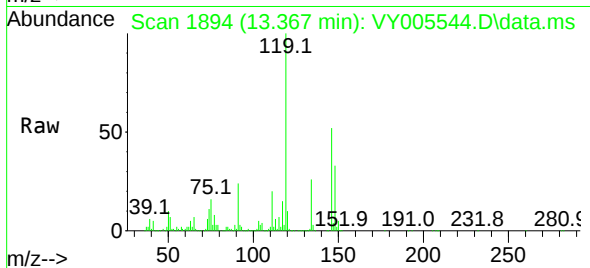


#87

1,3-Dichlorobenzene  
Concen: 52.037 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

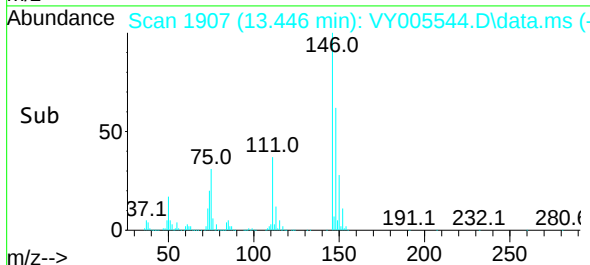
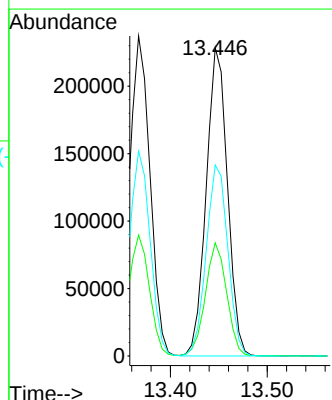
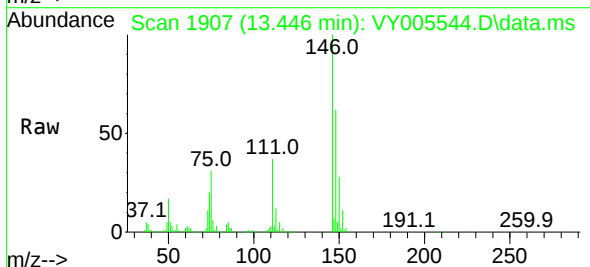
Tgt Ion:146 Resp: 355731  
Ion Ratio Lower Upper  
146 100  
111 37.9 18.6 56.0  
148 64.1 31.7 95.1

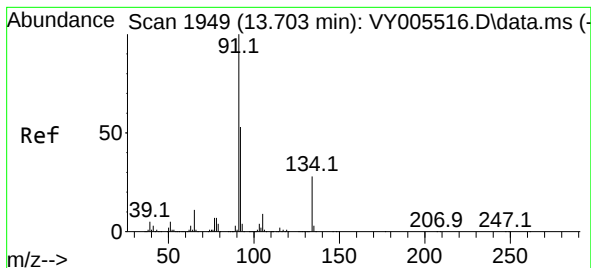


#88

1,4-Dichlorobenzene  
Concen: 51.427 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion:146 Resp: 348753  
Ion Ratio Lower Upper  
146 100  
111 36.8 18.1 54.3  
148 63.4 31.8 95.3





#89

n-Butylbenzene

Concen: 54.706 ug/l

RT: 13.696 min Scan# 1948

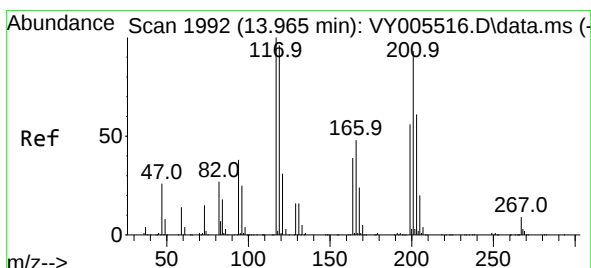
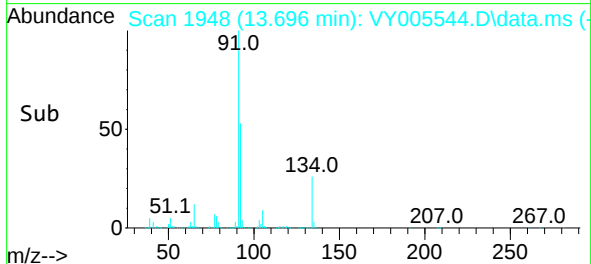
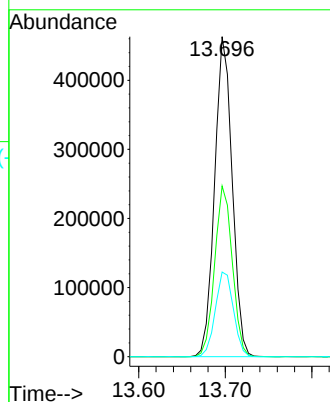
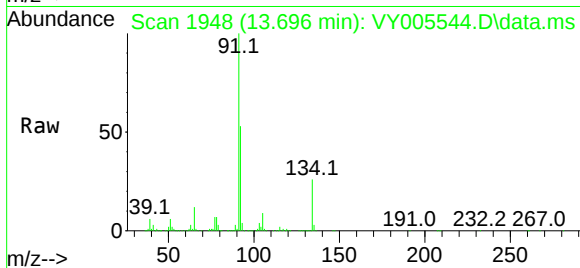
Delta R.T. -0.006 min

Lab File: VY005544.D

Acq: 05 Aug 2021 09:56

Tgt Ion: 91 Resp: 651744

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.5  | 26.7  | 80.1  |
| 134 | 27.4  | 13.8  | 41.4  |



#90

Hexachloroethane

Concen: 53.418 ug/l

RT: 13.965 min Scan# 1992

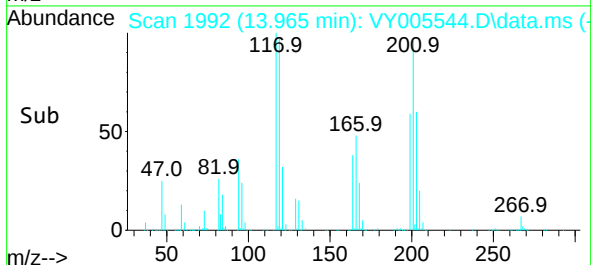
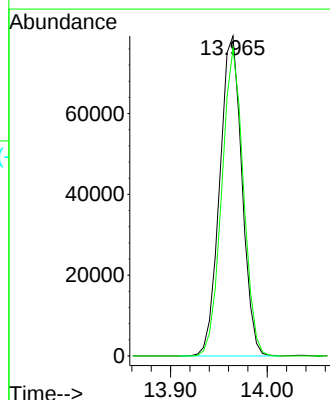
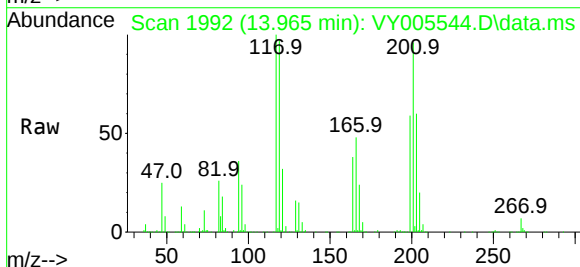
Delta R.T. -0.000 min

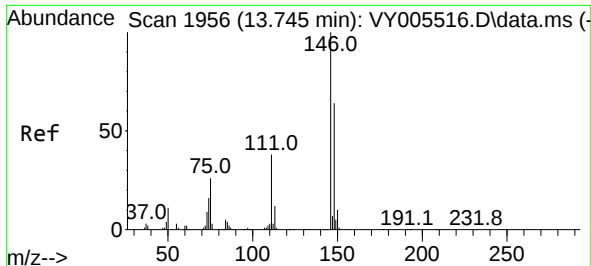
Lab File: VY005544.D

Acq: 05 Aug 2021 09:56

Tgt Ion: 117 Resp: 126293

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 93.4  | 46.7  | 140.1 |

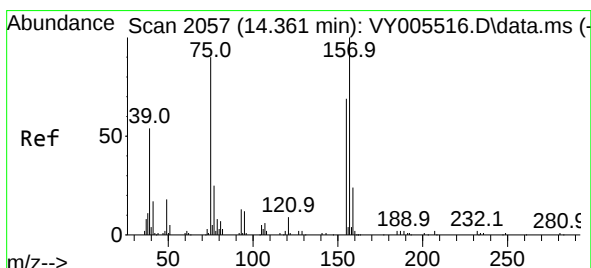
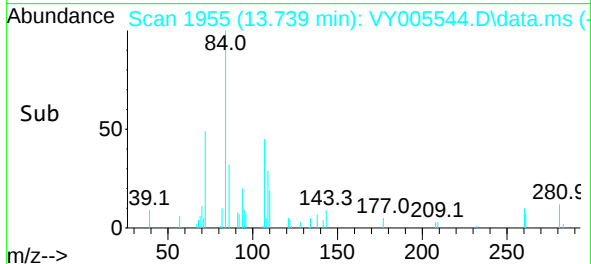
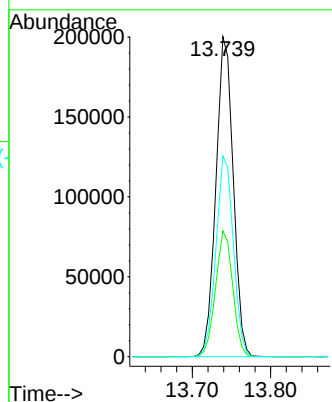
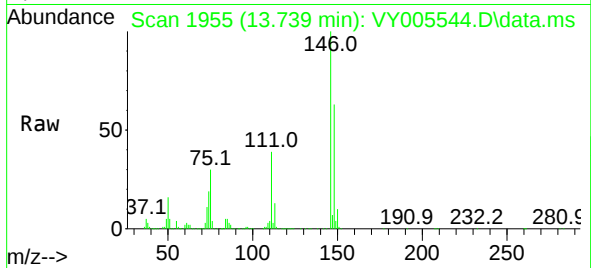




#91  
1,2-Dichlorobenzene  
Concen: 51.068 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

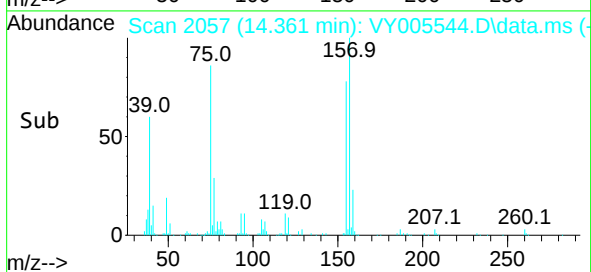
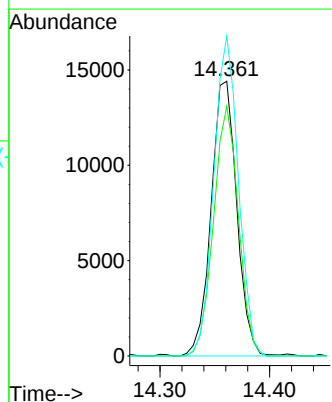
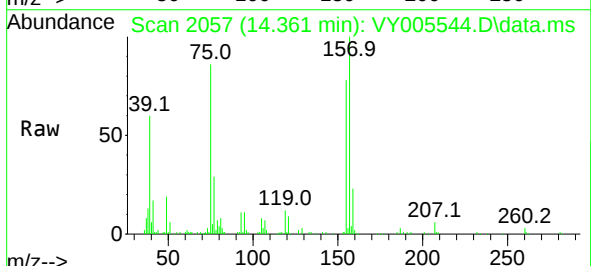
Instrument :  
MSVOA\_Y  
ClientSampleId :

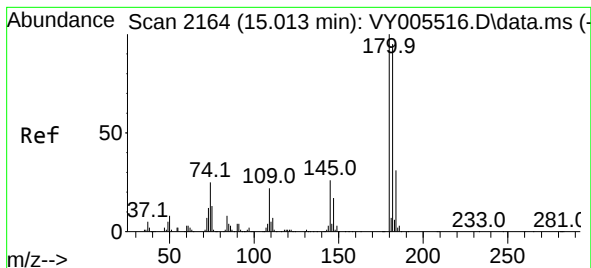
Tgt Ion:146 Resp: 308361  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.4 58.2  
148 63.1 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.100 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion: 75 Resp: 23449  
Ion Ratio Lower Upper  
75 100  
155 88.0 42.4 127.1  
157 111.5 56.0 168.2

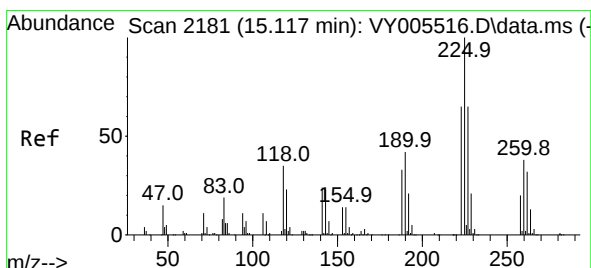
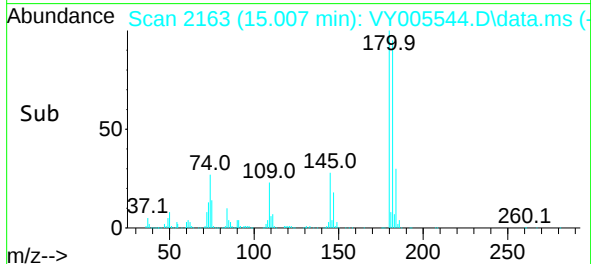
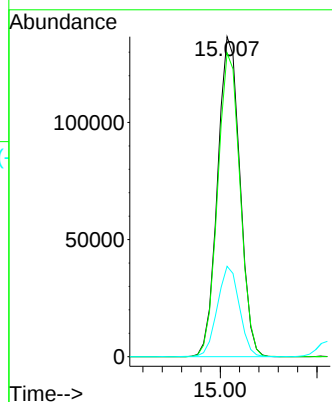
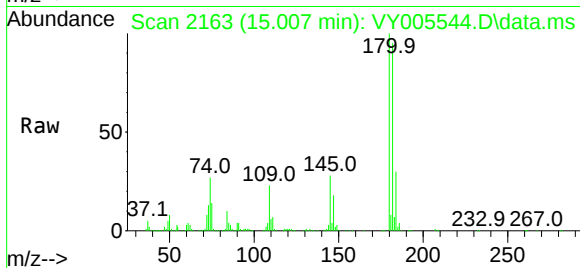




#93  
1,2,4-Trichlorobenzene  
Concen: 52.615 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

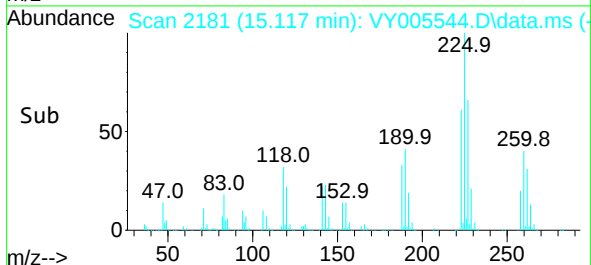
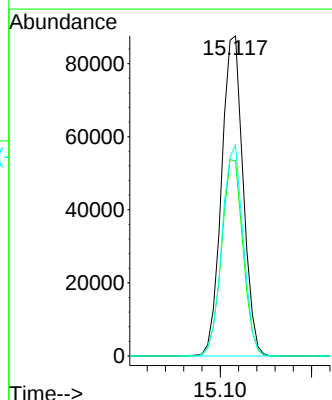
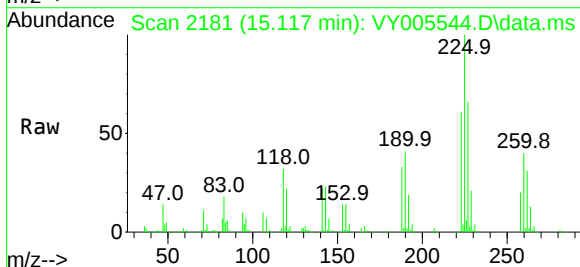
Instrument :  
MSVOA\_Y  
ClientSampleId :

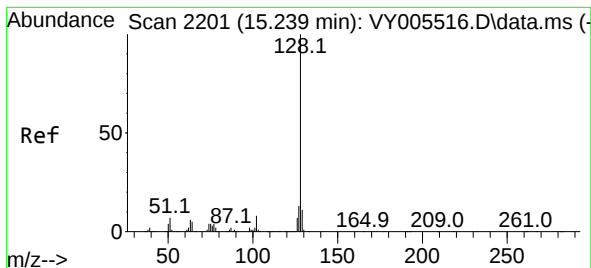
Tgt Ion:180 Resp: 218239  
Ion Ratio Lower Upper  
180 100  
182 95.0 47.8 143.4  
145 28.0 14.0 42.0



#94  
Hexachlorobutadiene  
Concen: 53.466 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion:225 Resp: 143594  
Ion Ratio Lower Upper  
225 100  
223 61.2 31.4 94.0  
227 64.9 32.2 96.6

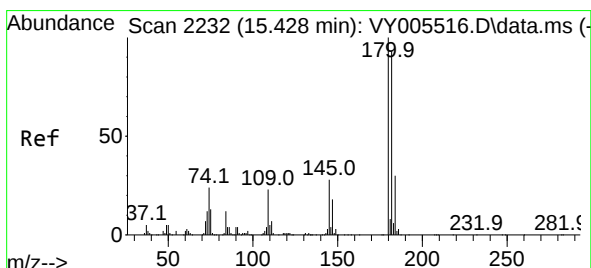
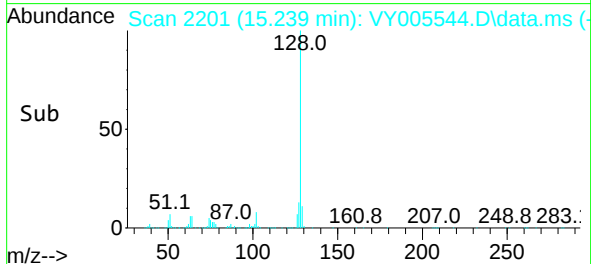
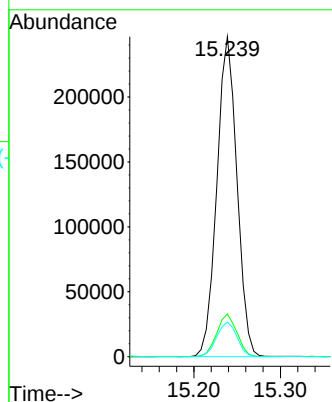
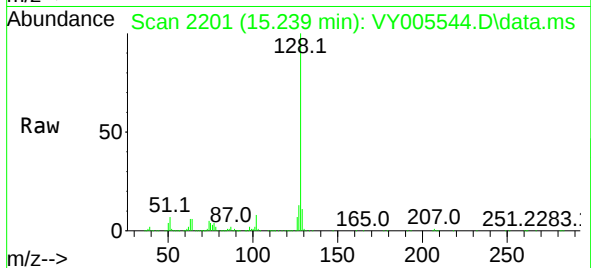




#95  
Naphthalene  
Concen: 48.531 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:128 Resp: 396819  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.6 15.8  
129 11.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 50.949 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY005544.D  
Acq: 05 Aug 2021 09:56

Tgt Ion:180 Resp: 187227  
Ion Ratio Lower Upper  
180 100  
182 96.0 47.9 143.6  
145 29.8 14.6 44.0

