

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091621\  
 Data File : VY006040.D  
 Acq On : 16 Sep 2021 12:14  
 Operator : SY/MD  
 Sample : VY0916SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0916SBS01

Quant Time: Sep 17 02:43:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 15 05:01:47 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 138372   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 211284   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 196919   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 99922    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 95551    | 49.713   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 99.420%  |
| 35) Dibromofluoromethane    | 7.722  | 113   | 66742    | 50.858   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 101.720% |
| 50) Toluene-d8              | 10.179 | 98    | 286434   | 51.211   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 102.420% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 96277    | 50.699   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 101.400% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 29468  | 20.160  | ug/l   | 98  |
| 3) Chloromethane             | 2.119 | 50  | 34717  | 19.100  | ug/l   | 94  |
| 4) Vinyl Chloride            | 2.259 | 62  | 41231  | 20.090  | ug/l   | 100 |
| 5) Bromomethane              | 2.643 | 94  | 29132  | 21.879  | ug/l   | 96  |
| 6) Chloroethane              | 2.796 | 64  | 24567  | 19.961  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 53404  | 19.961  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.533 | 74  | 17781  | 20.217  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 3.905 | 101 | 26506  | 19.844  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.094 | 142 | 23854  | 16.869  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 4.942 | 59  | 44362  | 128.528 | ug/l # | 91  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 27719  | 20.063  | ug/l   | 93  |
| 13) Acrolein                 | 3.735 | 56  | 10237  | 88.638  | ug/l   | 100 |
| 14) Allyl chloride           | 4.485 | 41  | 55569  | 18.842  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.173 | 53  | 49160  | 98.128  | ug/l   | 98  |
| 16) Acetone                  | 3.954 | 43  | 50632  | 96.043  | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.204 | 76  | 90635  | 19.643  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.485 | 43  | 24129  | 18.170  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 5.234 | 73  | 85302  | 19.151  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.728 | 84  | 47516  | 26.725  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.228 | 96  | 29962  | 19.340  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.124 | 45  | 110629 | 19.304  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.070 | 43  | 344651 | 95.310  | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.027 | 63  | 56419  | 19.215  | ug/l   | 97  |
| 25) 2-Butanone               | 6.990 | 43  | 69093  | 95.090  | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 6.990 | 77  | 54953  | 19.757  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 33516  | 19.391  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.338 | 49  | 24398  | 18.916  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.356 | 42  | 43281  | 94.775  | ug/l   | 99  |
| 30) Chloroform               | 7.514 | 83  | 57012  | 19.366  | ug/l   | 98  |
| 31) Cyclohexane              | 7.789 | 56  | 60326  | 19.593  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.710 | 97  | 54765  | 19.813  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 44636  | 19.573  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.082 | 43  | 29355  | 18.634  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 50145  | 20.198  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.185 | 83  | 55694  | 19.704  | ug/l   | 98  |
| 40) Benzene                  | 8.167 | 78  | 128343 | 19.626  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091621\  
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 Acq On : 16 Sep 2021 12:14  
 Operator : SY/MD  
 Sample : VY0916SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0916SBS01

Quant Time: Sep 17 02:43:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 15 05:01:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.356  | 41   | 41615    | 45.229  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 45986    | 19.885  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 56099    | 19.118  | ug/l   | 99       |
| 44) Trichloroethene           | 8.941  | 130  | 32565    | 19.983  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.221  | 63   | 31844    | 19.684  | ug/l   | 99       |
| 46) Dibromomethane            | 9.307  | 93   | 17139    | 19.573  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.502  | 83   | 44461    | 19.727  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.295  | 41   | 26101    | 19.250  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 4359     | 360.718 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 146892   | 93.899  | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 79882    | 19.823  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 48320    | 19.517  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 52418    | 19.631  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 23853    | 19.824  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 36320    | 18.882  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 42777    | 19.288  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether | 9.788  | 63   | 102680   | 101.967 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.837 | 43   | 102640   | 95.039  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.989 | 129  | 29228    | 19.702  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 22691    | 19.965  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 32752    | 20.335  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.514 | 112  | 81657    | 19.380  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 31301    | 19.931  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 155020   | 19.355  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 118460   | 39.006  | ug/l   | 98       |
| 69) o-Xylene                  | 12.032 | 106  | 56078    | 19.550  | ug/l   | 97       |
| 70) Styrene                   | 12.044 | 104  | 96532    | 19.645  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 19315    | 19.642  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 149219   | 19.070  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 49351    | 18.265  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 27532    | 18.912  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 40446    | 37.965  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 35328    | 19.350  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 185572   | 19.168  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 102030   | 19.384  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 127150   | 19.594  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 11088    | 19.135  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 109145   | 20.060  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 109669   | 19.759  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 126152   | 19.594  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.251 | 105  | 164072   | 19.747  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 138478   | 19.523  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 69097    | 19.624  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 69190    | 19.591  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 128591   | 19.386  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 25602    | 20.057  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 60678    | 19.631  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 5423     | 18.776  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 38801    | 19.330  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 25320    | 19.496  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 73525    | 18.417  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 33324    | 19.158  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091621\  
Data File : VY006040.D  
Acq On : 16 Sep 2021 12:14  
Operator : SY/MD  
Sample : VY0916SBSD01  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

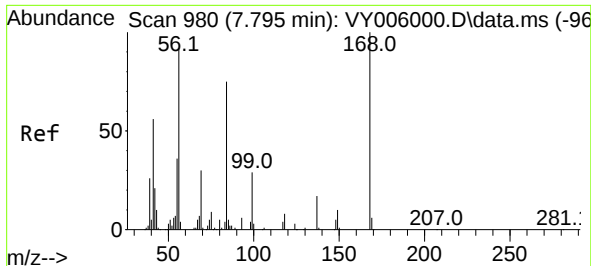
Quant Time: Sep 17 02:43:50 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 15 05:01:47 2021  
Response via : Initial Calibration

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

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

Quant Time: Sep 17 02:43:50 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 15 05:01:47 2021  
Response via : Initial Calibration

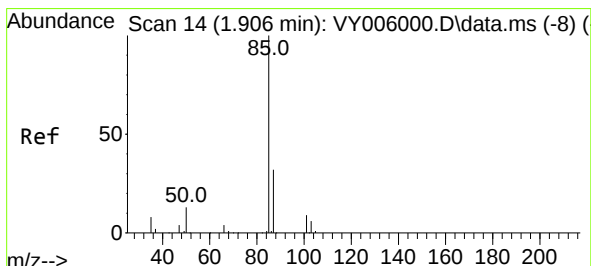
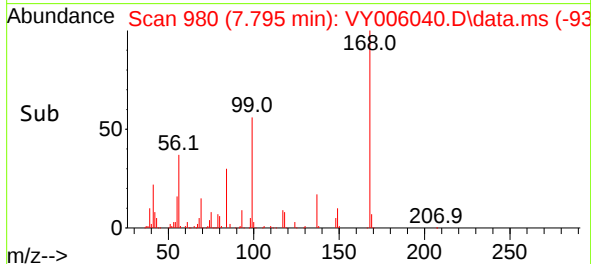
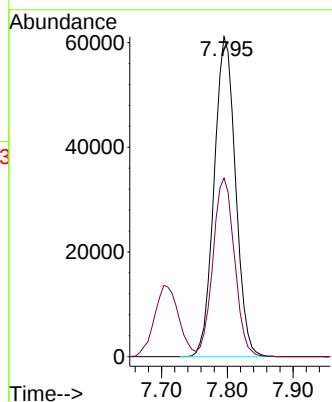
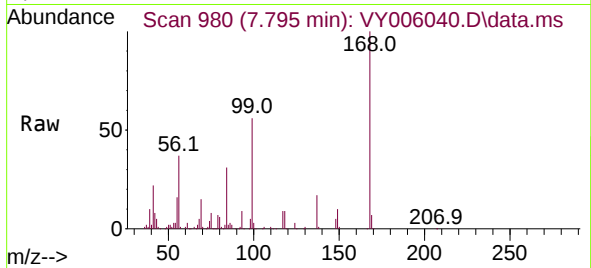




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

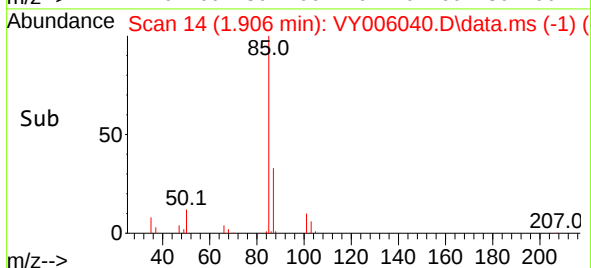
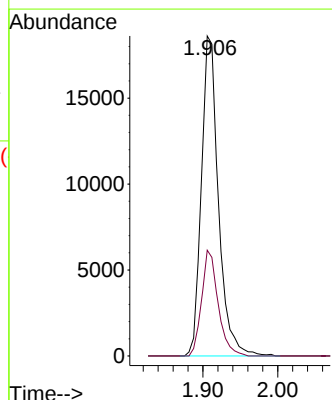
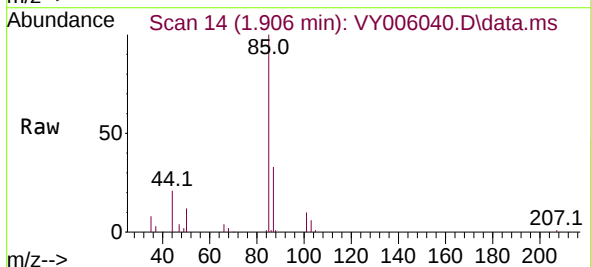
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

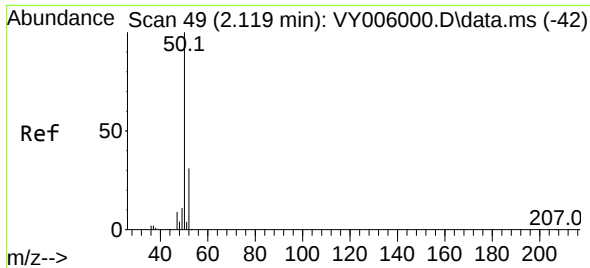
Tgt Ion:168 Resp: 138372  
Ion Ratio Lower Upper  
168 100  
99 55.8 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 20.160 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 85 Resp: 29468  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.1 48.2

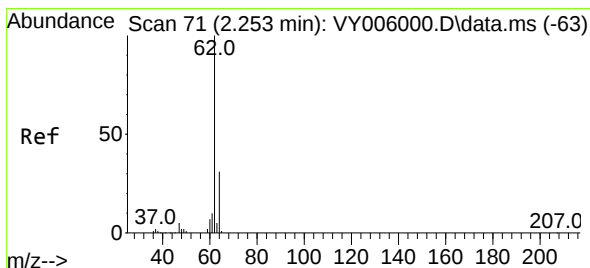
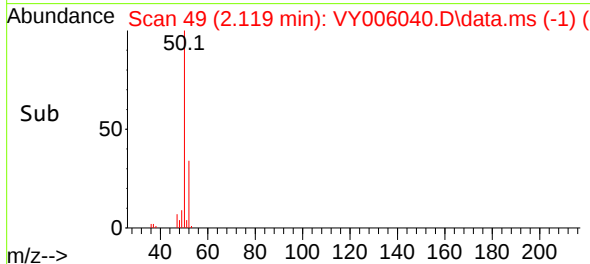
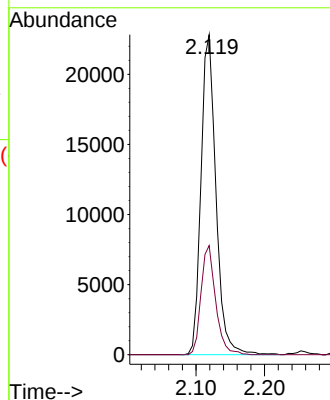
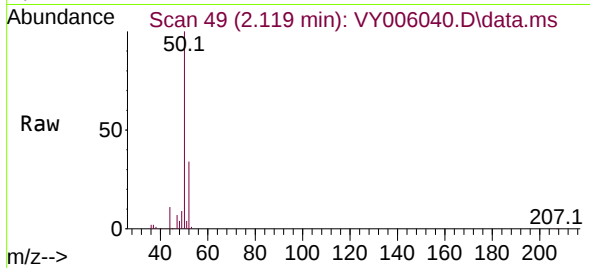




#3  
Chloromethane  
Concen: 19.100 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

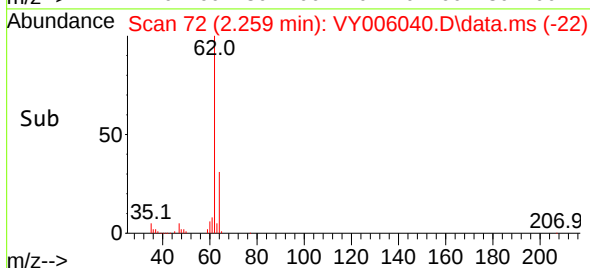
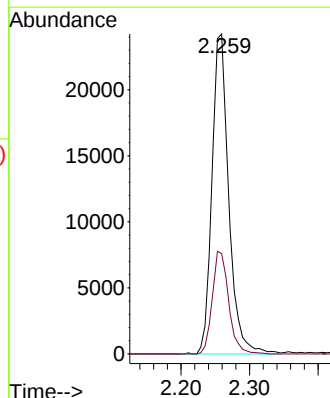
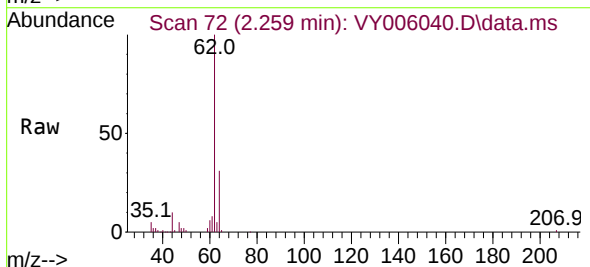
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

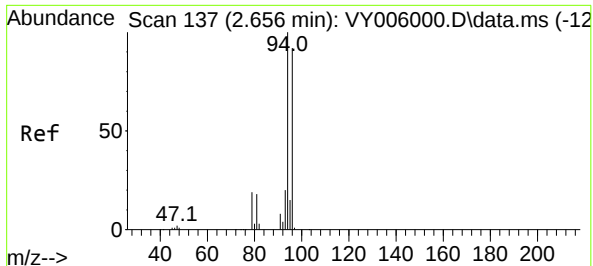
Tgt Ion: 50 Resp: 34717  
Ion Ratio Lower Upper  
50 100  
52 34.1 24.6 37.0



#4  
Vinyl Chloride  
Concen: 20.090 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 62 Resp: 41231  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.0 37.6

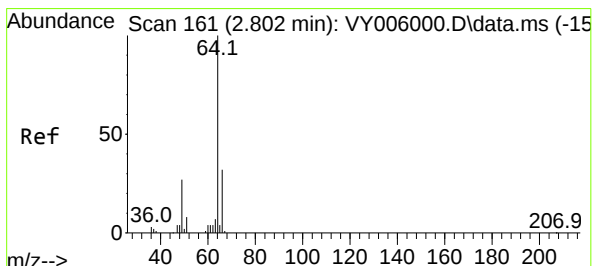
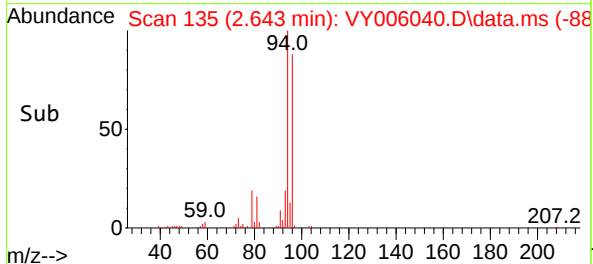
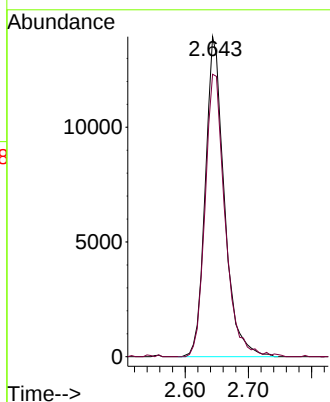
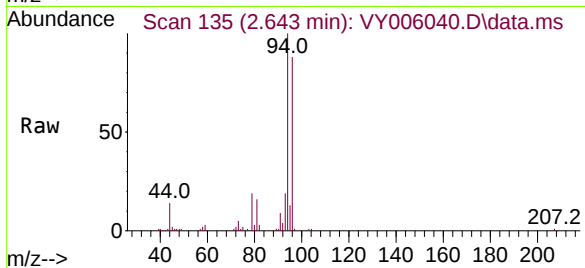




#5  
Bromomethane  
Concen: 21.879 ug/l  
RT: 2.643 min Scan# 135  
Delta R.T. -0.012 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

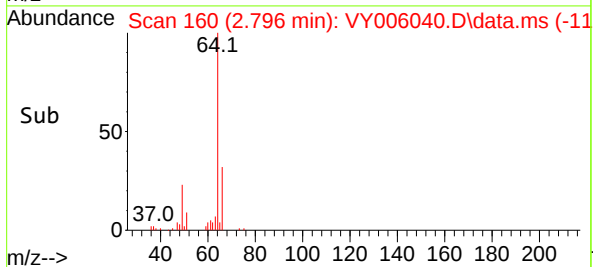
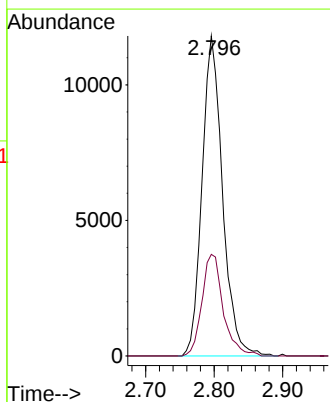
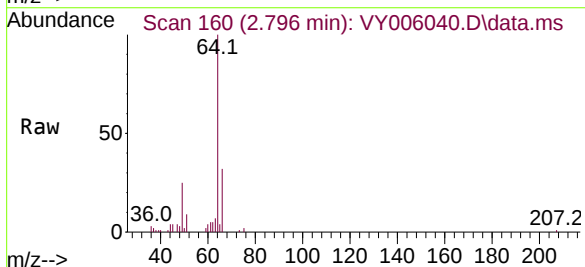
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

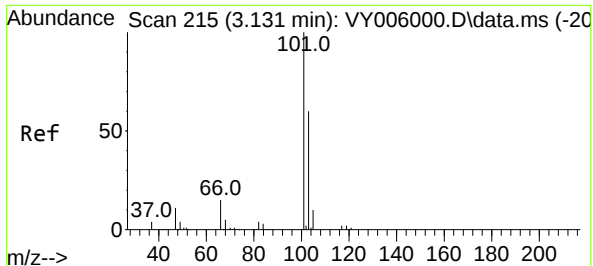
Tgt Ion: 94 Resp: 29132  
Ion Ratio Lower Upper  
94 100  
96 88.3 73.5 110.3



#6  
Chloroethane  
Concen: 19.961 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 64 Resp: 24567  
Ion Ratio Lower Upper  
64 100  
66 31.8 25.4 38.0

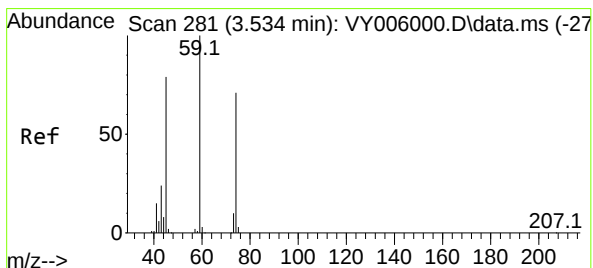
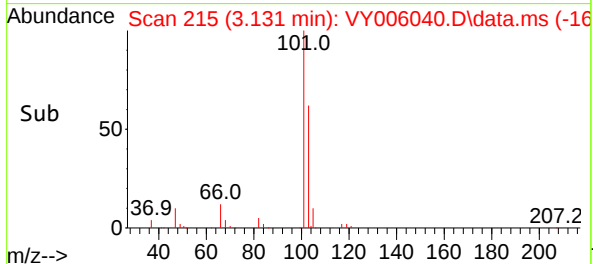
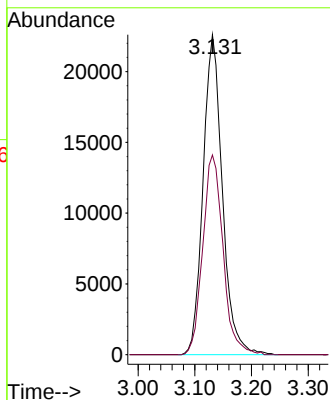
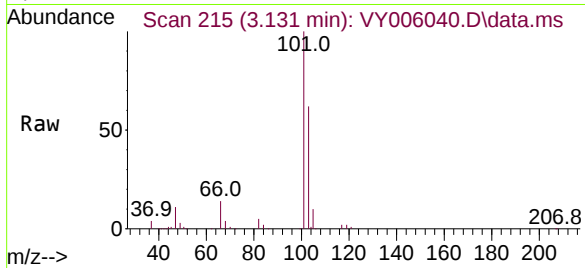




#7  
 Trichlorofluoromethane  
 Concen: 19.961 ug/l  
 RT: 3.131 min Scan# 215  
 Delta R.T. -0.000 min  
 Lab File: VY006040.D  
 Acq: 16 Sep 2021 12:14

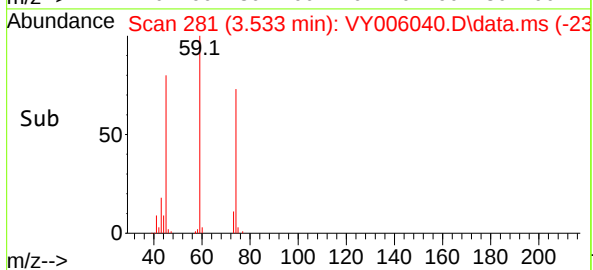
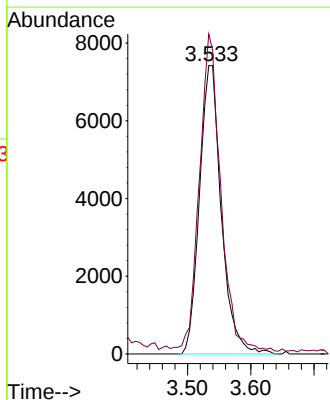
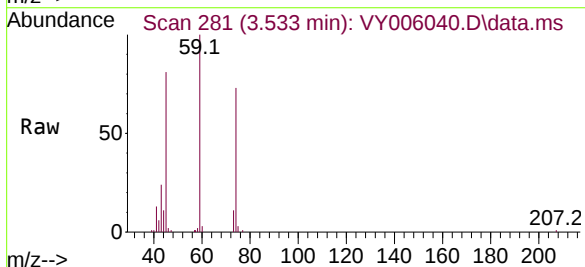
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0916SBS01

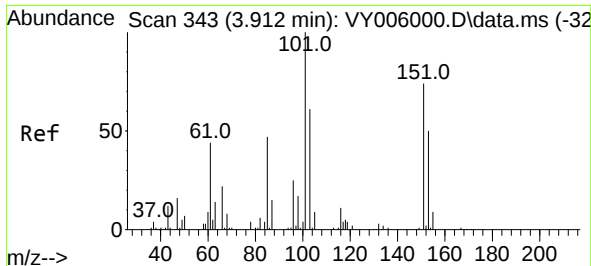
Tgt Ion:101 Resp: 53404  
 Ion Ratio Lower Upper  
 101 100  
 103 62.4 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 20.217 ug/l  
 RT: 3.533 min Scan# 281  
 Delta R.T. -0.000 min  
 Lab File: VY006040.D  
 Acq: 16 Sep 2021 12:14

Tgt Ion: 74 Resp: 17781  
 Ion Ratio Lower Upper  
 74 100  
 45 107.7 55.1 165.5

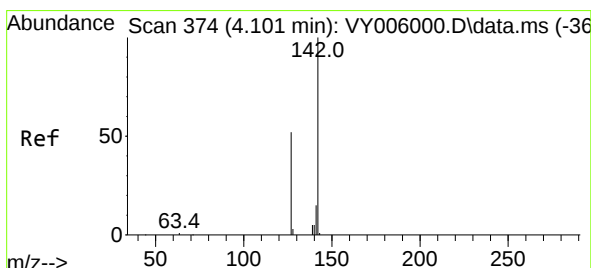
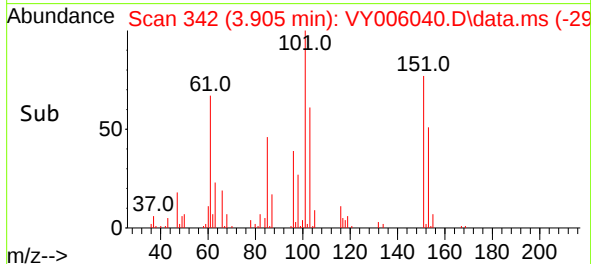
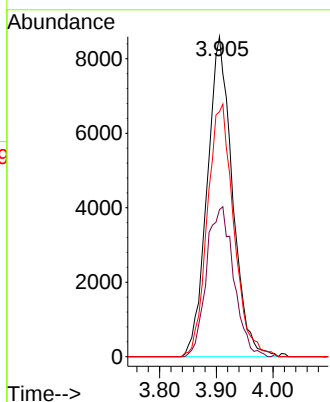
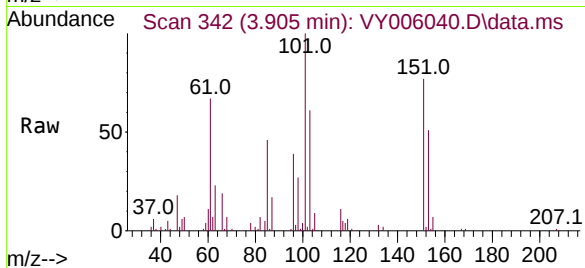




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.844 ug/l  
RT: 3.905 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

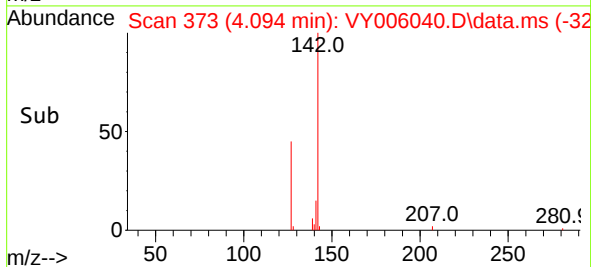
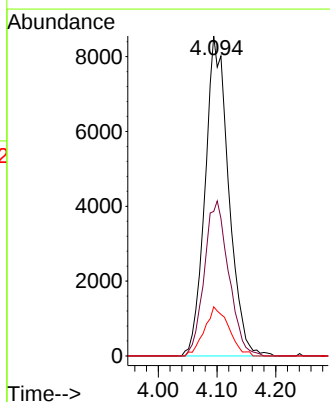
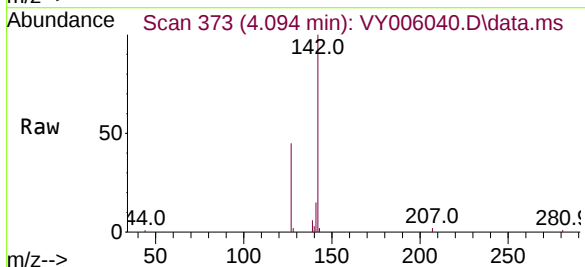
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

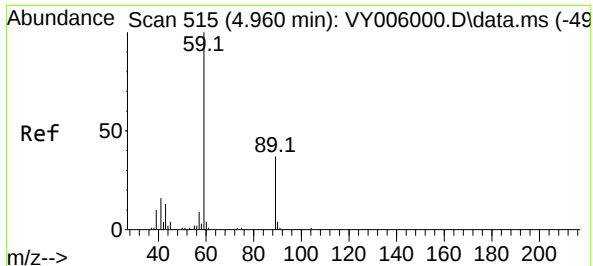
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 26506 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 50.5  | 40.6  | 60.8  |
| 151      | 82.7  | 64.9  | 97.3  |



#10  
Methyl Iodide  
Concen: 16.869 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. -0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 23854 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 50.1  | 41.5  | 62.3  |
| 141      | 15.9  | 11.9  | 17.9  |



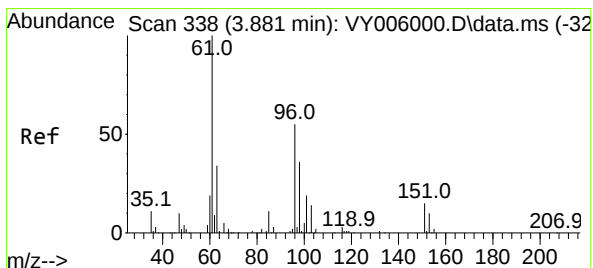
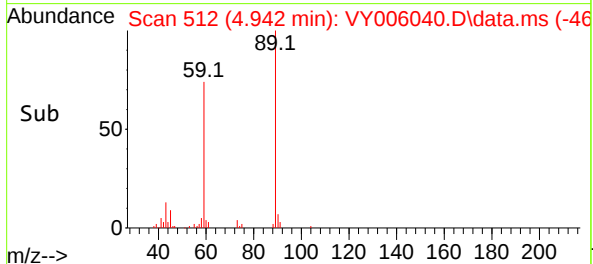
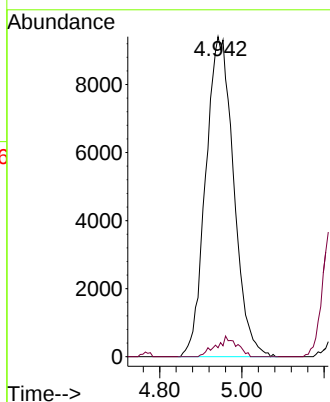
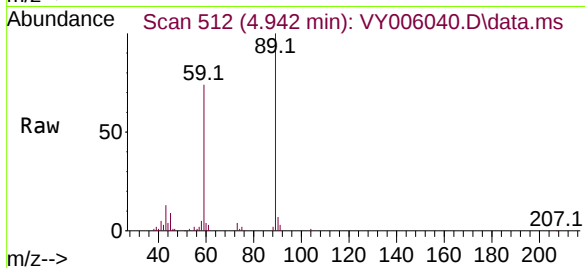


#11

Tert butyl alcohol  
Concen: 128.528 ug/l  
RT: 4.942 min Scan# 512  
Delta R.T. -0.018 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

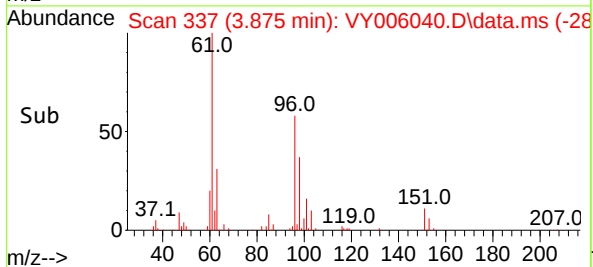
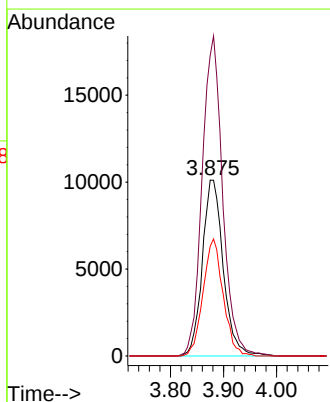
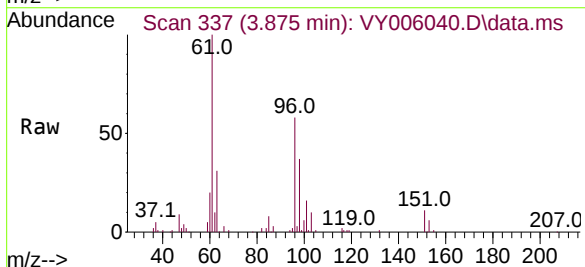
Tgt Ion: 59 Resp: 44362  
Ion Ratio Lower Upper  
59 100  
57 4.7 6.4 9.6#

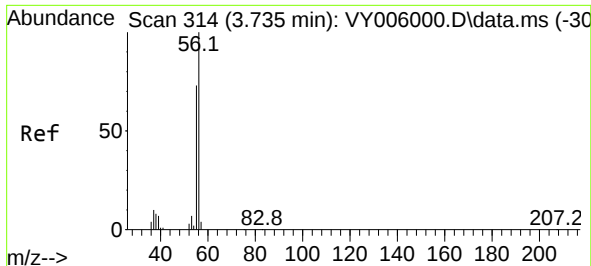


#12

1,1-Dichloroethene  
Concen: 20.063 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 96 Resp: 27719  
Ion Ratio Lower Upper  
96 100  
61 171.0 145.8 218.6  
98 62.4 52.5 78.7

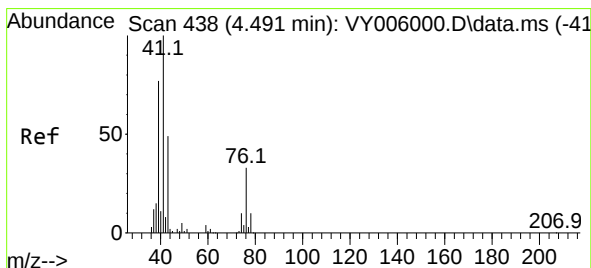
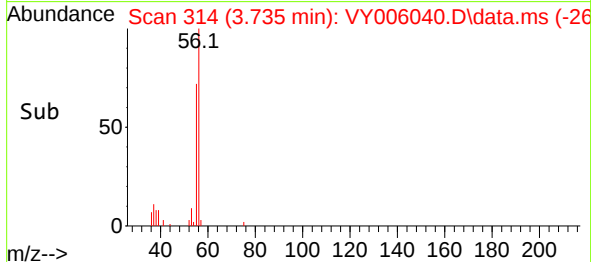
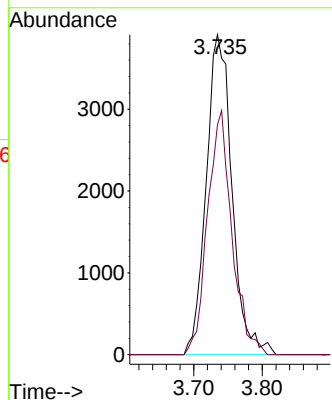
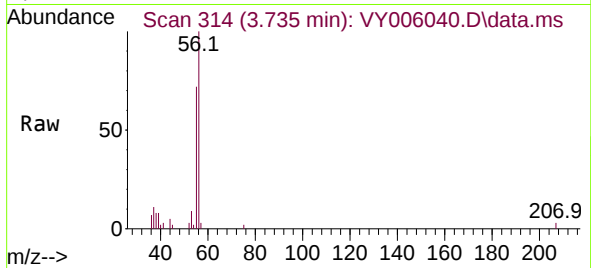




#13  
Acrolein  
Concen: 88.638 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

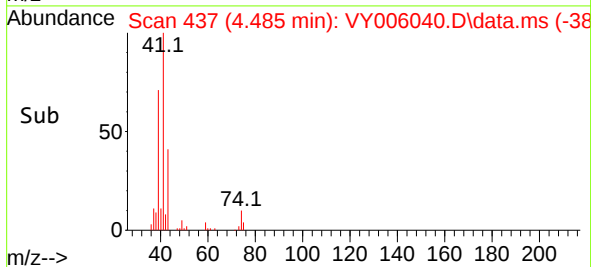
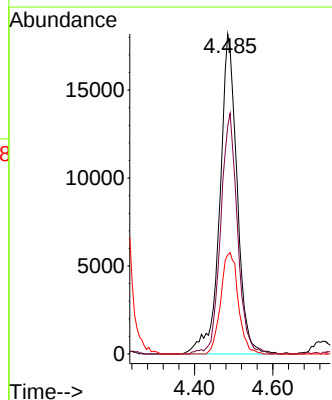
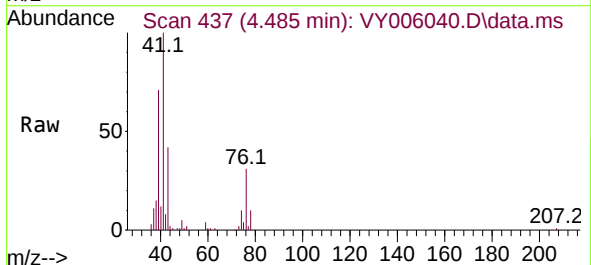
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

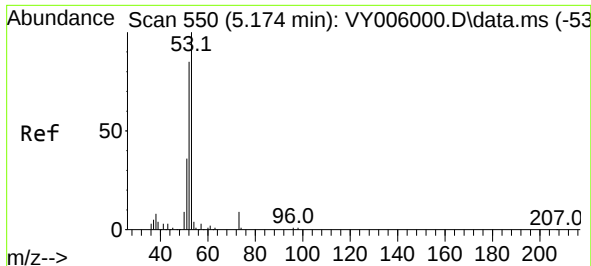
Tgt Ion: 56 Resp: 10237  
Ion Ratio Lower Upper  
56 100  
55 72.3 57.6 86.4



#14  
Allyl chloride  
Concen: 18.842 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 41 Resp: 55569  
Ion Ratio Lower Upper  
41 100  
39 73.7 58.8 88.2  
76 32.2 25.1 37.7

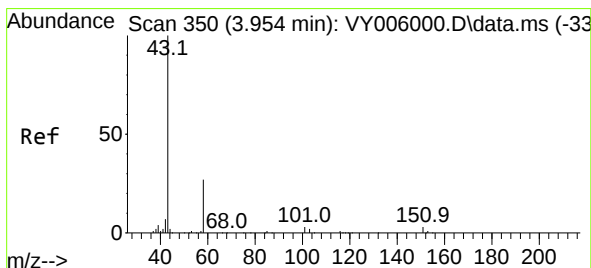
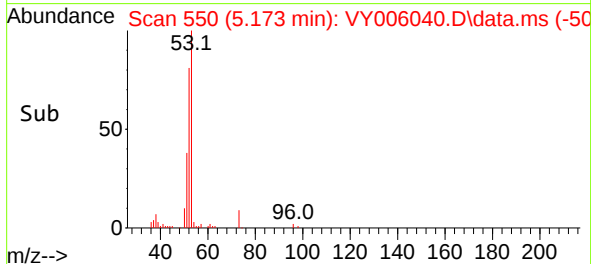
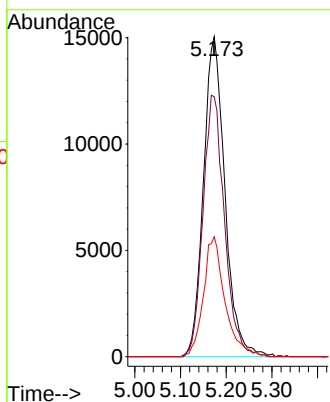
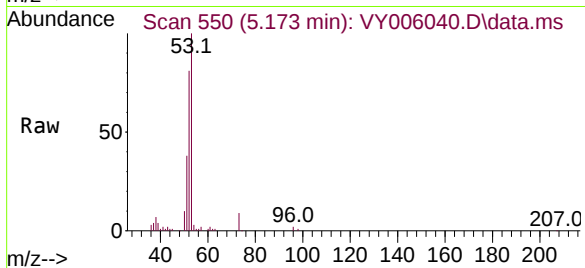




#15  
Acrylonitrile  
Concen: 98.128 ug/l  
RT: 5.173 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

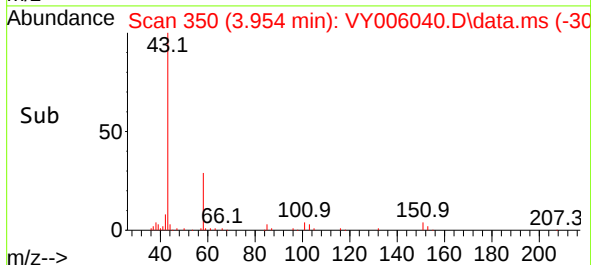
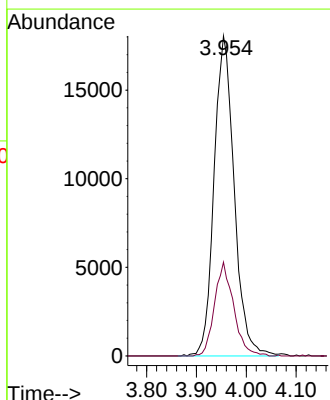
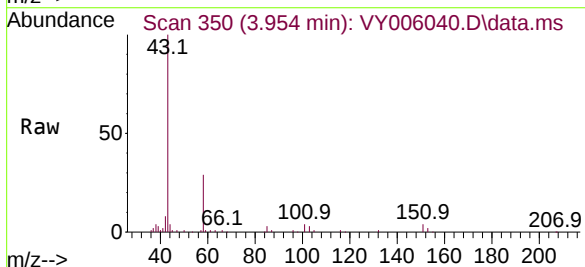
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

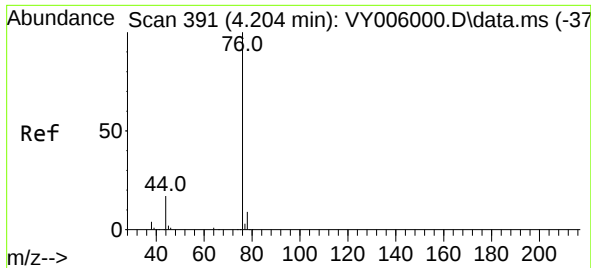
Tgt Ion: 53 Resp: 49160  
Ion Ratio Lower Upper  
53 100  
52 81.7 67.0 100.4  
51 37.6 29.8 44.6



#16  
Acetone  
Concen: 96.043 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 43 Resp: 50632  
Ion Ratio Lower Upper  
43 100  
58 29.3 22.0 33.0

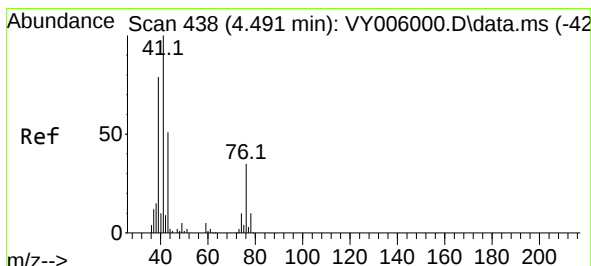
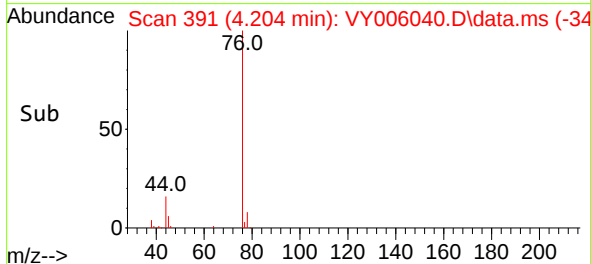
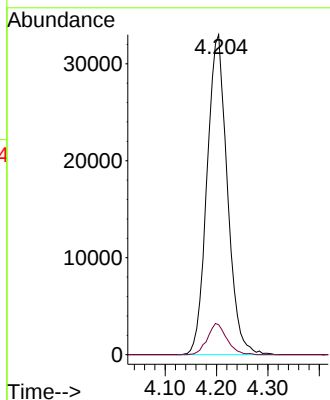
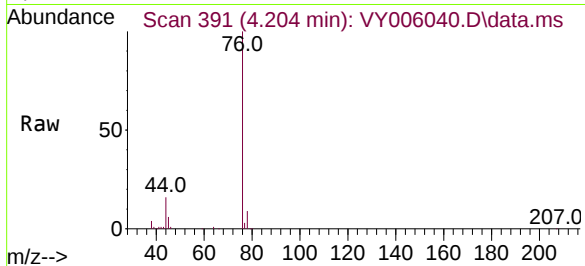




#17  
Carbon Disulfide  
Concen: 19.643 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

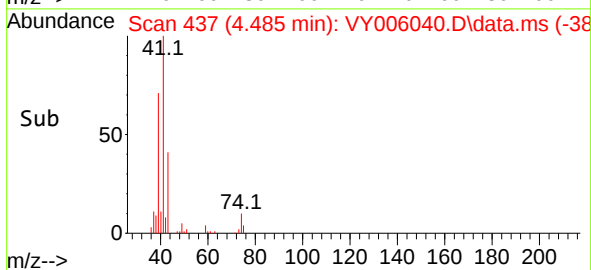
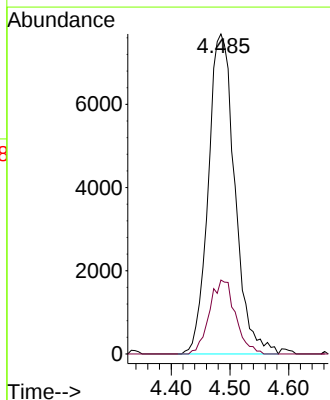
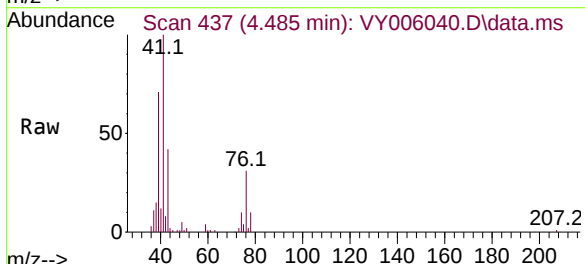
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

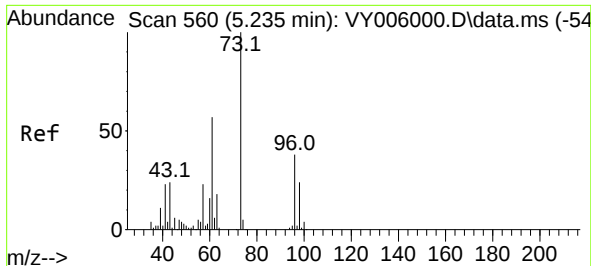
Tgt Ion: 76 Resp: 90635  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.0



#18  
Methyl Acetate  
Concen: 18.170 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 43 Resp: 24129  
Ion Ratio Lower Upper  
43 100  
74 22.6 16.6 24.8

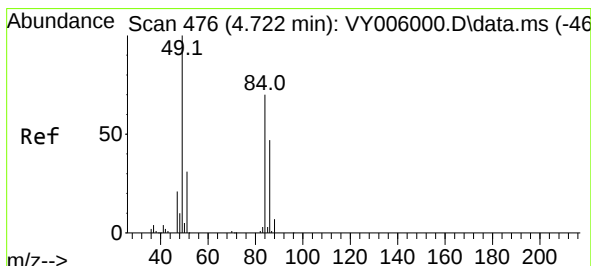
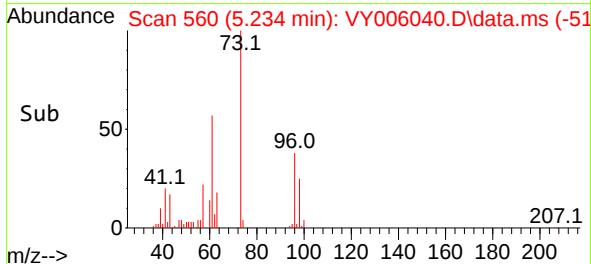
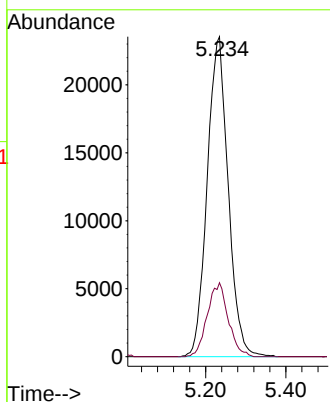
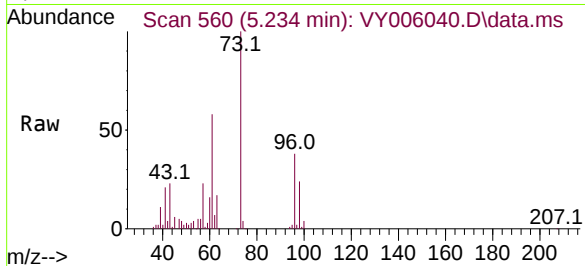




#19  
Methyl tert-butyl Ether  
Concen: 19.151 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. -0.001 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

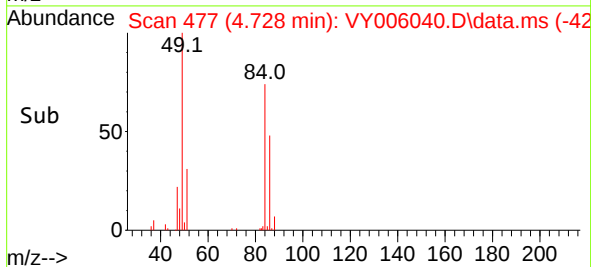
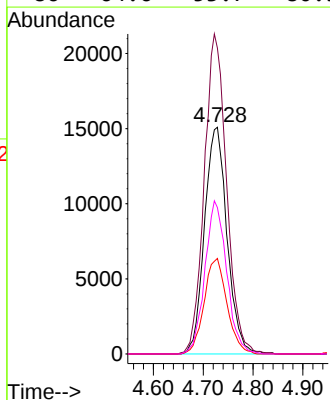
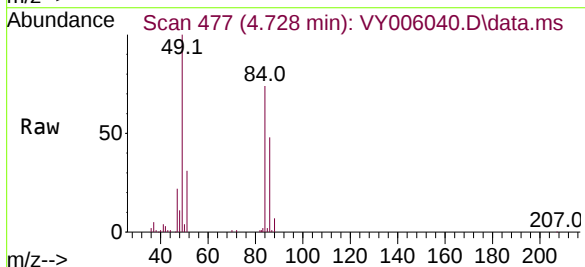
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

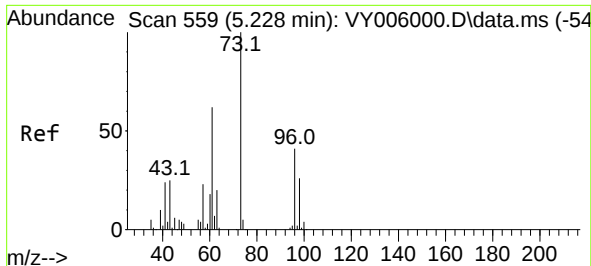
Tgt Ion: 73 Resp: 85302  
Ion Ratio Lower Upper  
73 100  
57 23.1 18.6 27.8



#20  
Methylene Chloride  
Concen: 26.725 ug/l  
RT: 4.728 min Scan# 477  
Delta R.T. 0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 84 Resp: 47516  
Ion Ratio Lower Upper  
84 100  
49 134.9 114.4 171.6  
51 42.1 35.3 52.9  
86 64.6 53.7 80.5

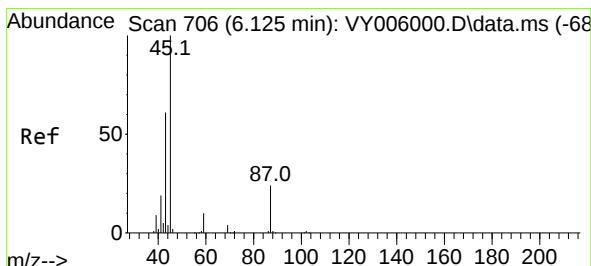
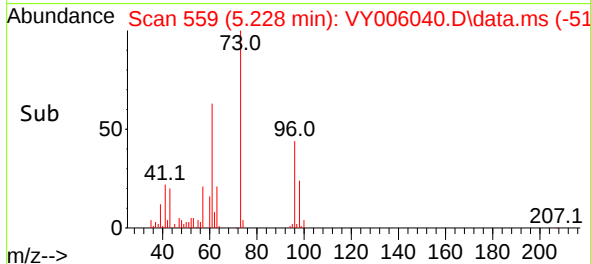
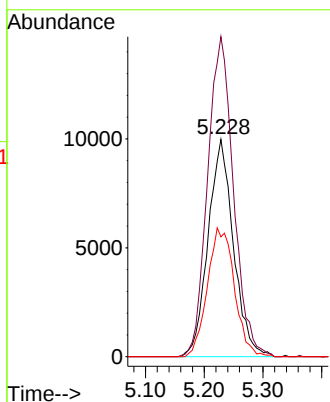
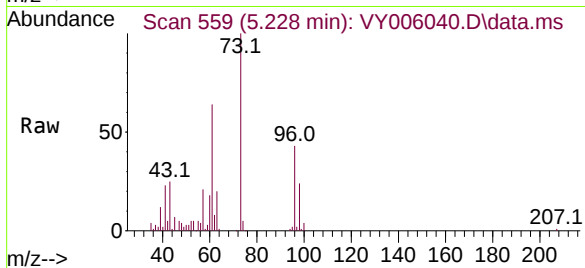




#21  
trans-1,2-Dichloroethene  
Concen: 19.340 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

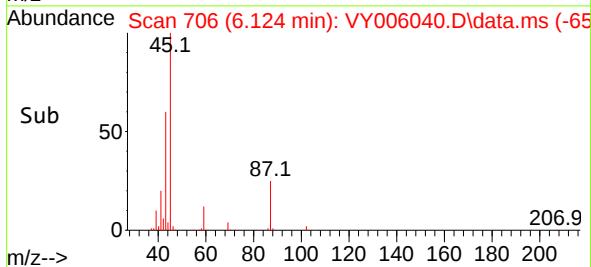
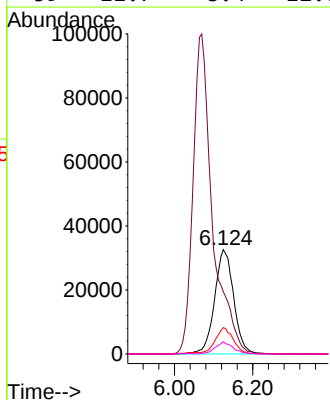
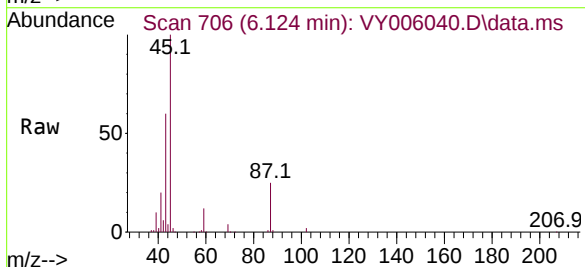
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

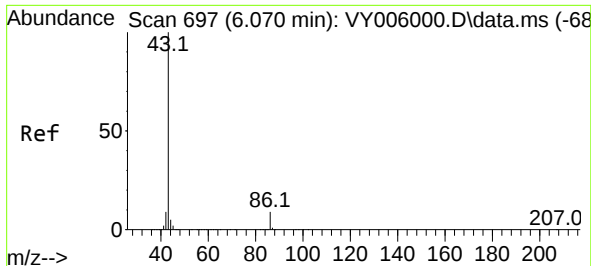
Tgt Ion: 96 Resp: 29962  
Ion Ratio Lower Upper  
96 100  
61 147.2 120.5 180.7  
98 55.2 49.8 74.8



#22  
Diisopropyl ether  
Concen: 19.304 ug/l  
RT: 6.124 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 45 Resp: 110629  
Ion Ratio Lower Upper  
45 100  
43 59.4 49.3 73.9  
87 25.3 19.2 28.8  
59 11.7 8.4 12.6

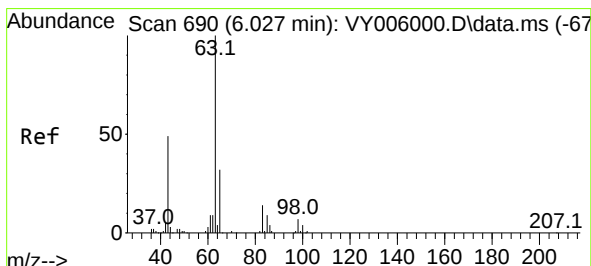
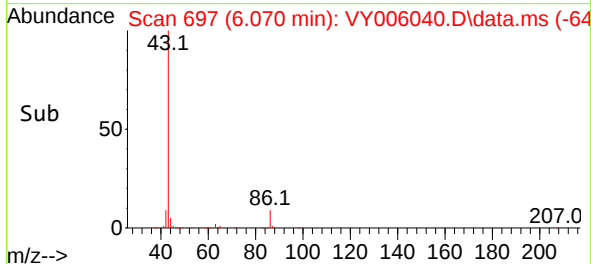
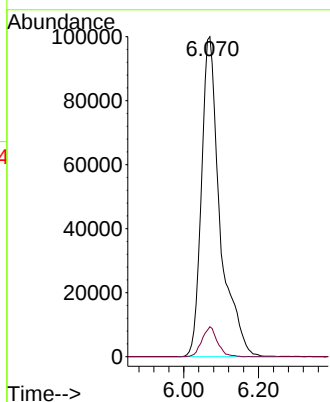
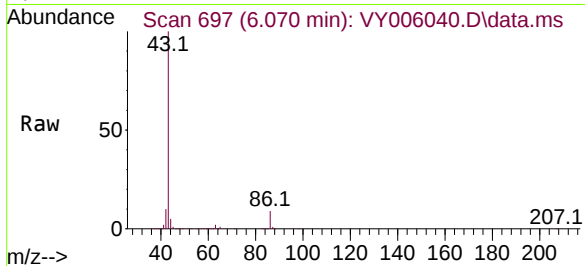




#23  
 Vinyl Acetate  
 Concen: 95.310 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. -0.000 min  
 Lab File: VY006040.D  
 Acq: 16 Sep 2021 12:14

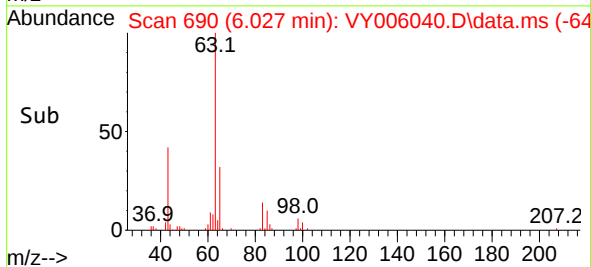
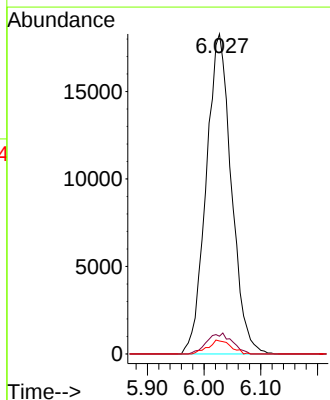
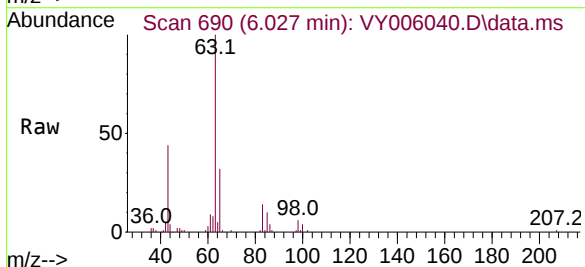
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0916SBS01

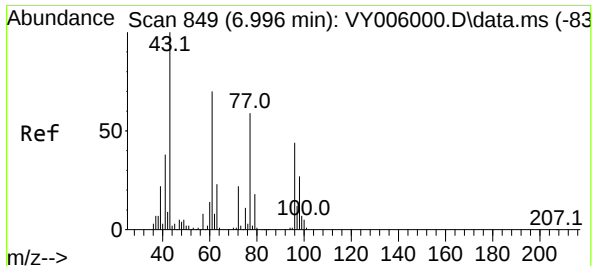
Tgt Ion: 43 Resp: 344651  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 7.1 10.7



#24  
 1,1-Dichloroethane  
 Concen: 19.215 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.000 min  
 Lab File: VY006040.D  
 Acq: 16 Sep 2021 12:14

Tgt Ion: 63 Resp: 56419  
 Ion Ratio Lower Upper  
 63 100  
 98 5.6 3.6 10.8  
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 95.090 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY006040.D

Acq: 16 Sep 2021 12:14

Instrument :

MSVOA\_Y

ClientSampleId :

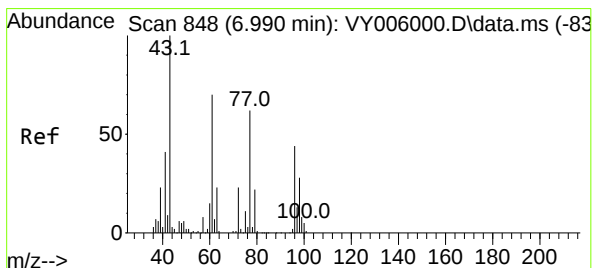
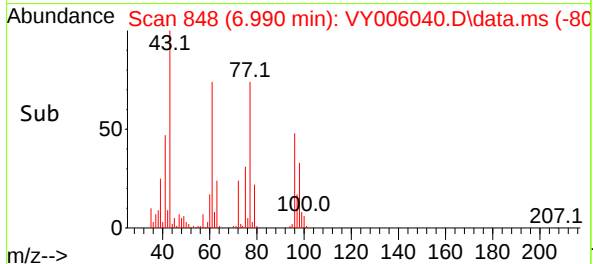
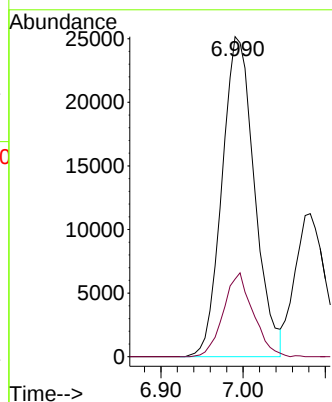
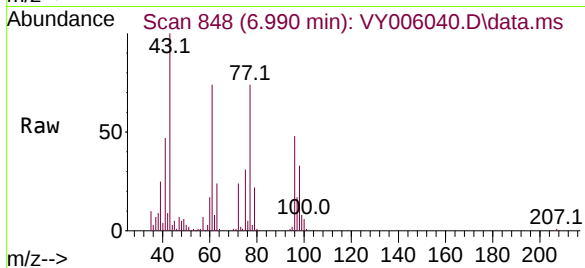
VY0916SBS01

Tgt Ion: 43 Resp: 69093

Ion Ratio Lower Upper

43 100

72 24.2 17.7 26.5



#26

2,2-Dichloropropane

Concen: 19.757 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY006040.D

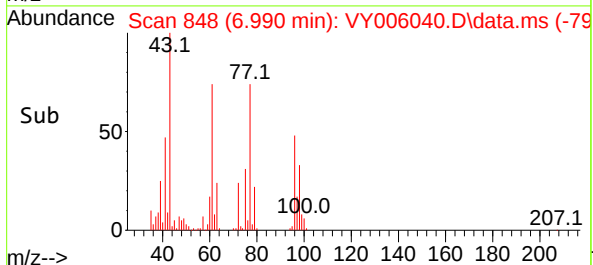
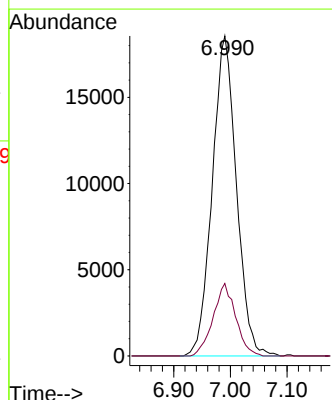
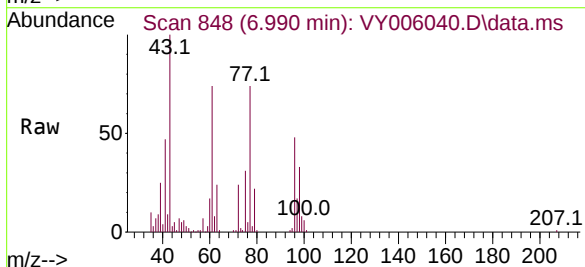
Acq: 16 Sep 2021 12:14

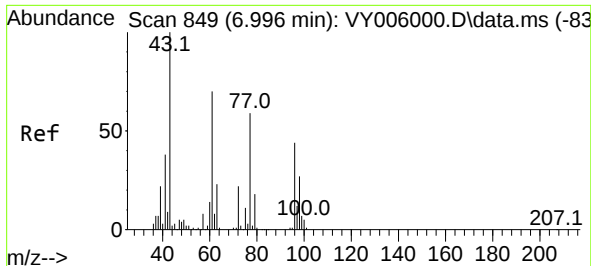
Tgt Ion: 77 Resp: 54953

Ion Ratio Lower Upper

77 100

97 21.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.391 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY006040.D

Acq: 16 Sep 2021 12:14

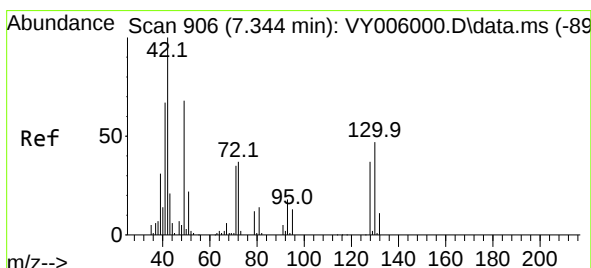
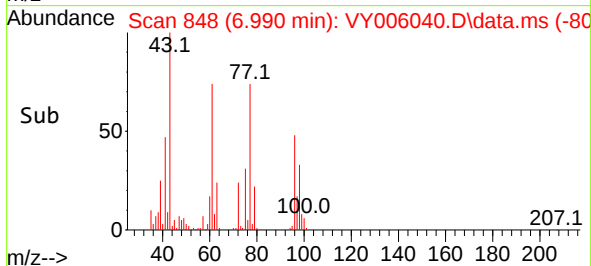
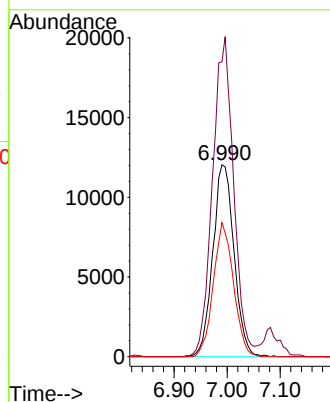
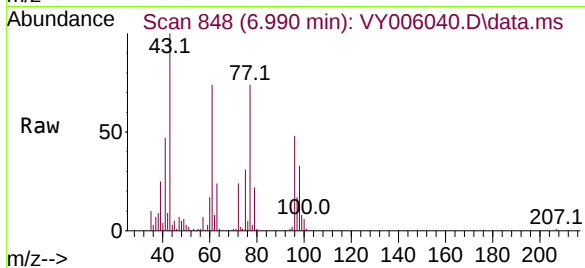
Instrument :

MSVOA\_Y

ClientSampleId :

VY0916SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 33516 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 164.9 | 0.0   | 319.8 |
| 98        | 66.1  | 0.0   | 127.0 |



#28

Bromochloromethane

Concen: 18.916 ug/l

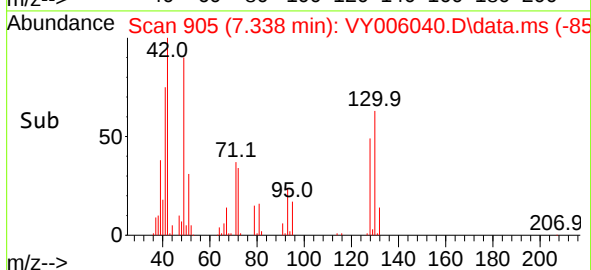
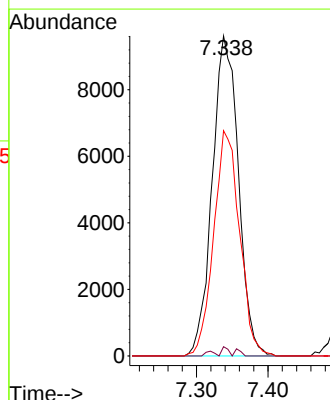
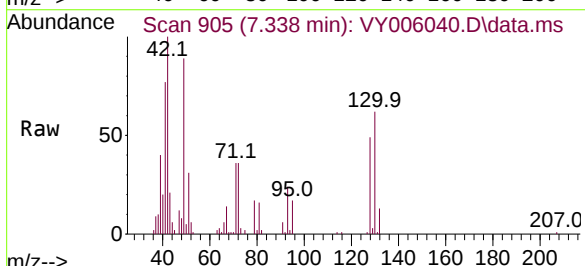
RT: 7.338 min Scan# 905

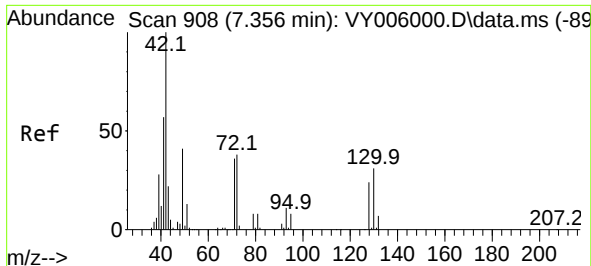
Delta R.T. -0.006 min

Lab File: VY006040.D

Acq: 16 Sep 2021 12:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 49    | Resp: | 24398 |
| Ion Ratio | Lower | Upper |       |
| 49        | 100   |       |       |
| 129       | 0.7   | 0.0   | 2.2   |
| 130       | 69.8  | 55.4  | 83.0  |





#29

Tetrahydrofuran

Concen: 94.775 ug/l

RT: 7.356 min Scan# 908

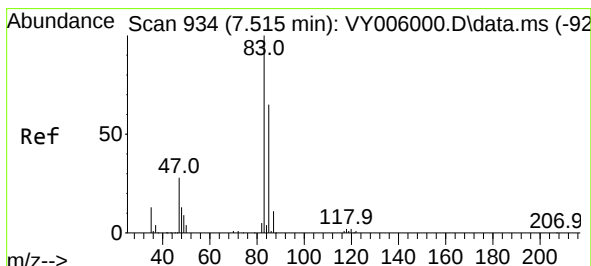
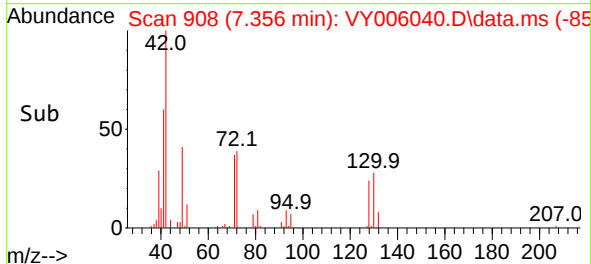
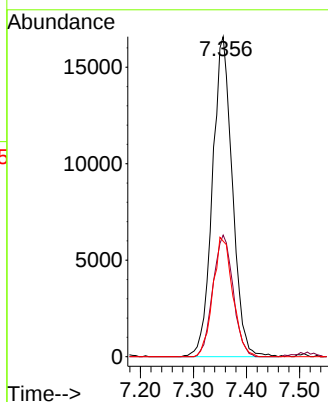
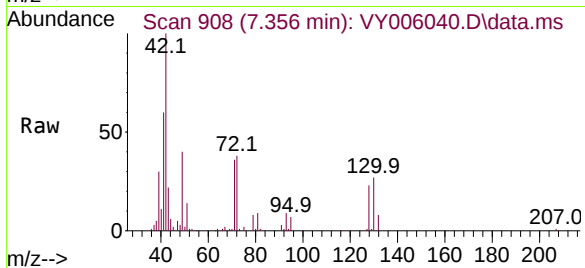
Delta R.T. -0.000 min

Lab File: VY006040.D

Acq: 16 Sep 2021 12:14

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 43281 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 38.4  | 30.3  | 45.5  |
| 71       | 37.3  | 29.0  | 43.4  |



#30

Chloroform

Concen: 19.366 ug/l

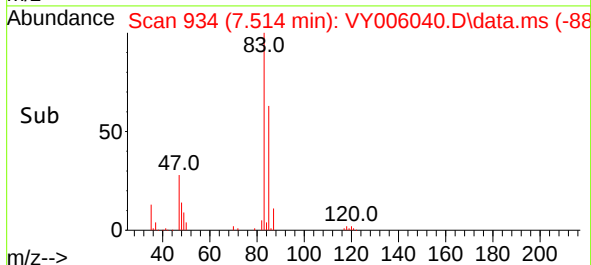
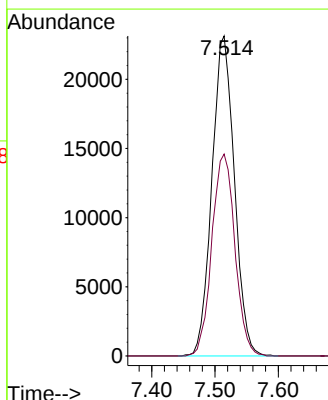
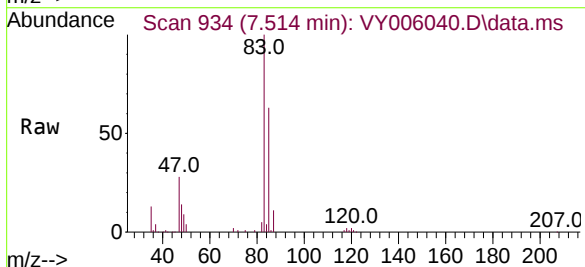
RT: 7.514 min Scan# 934

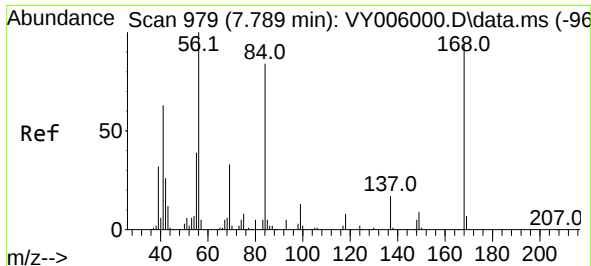
Delta R.T. -0.000 min

Lab File: VY006040.D

Acq: 16 Sep 2021 12:14

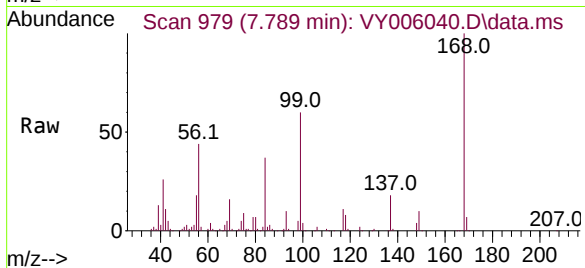
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 57012 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.1  | 51.8  | 77.6  |



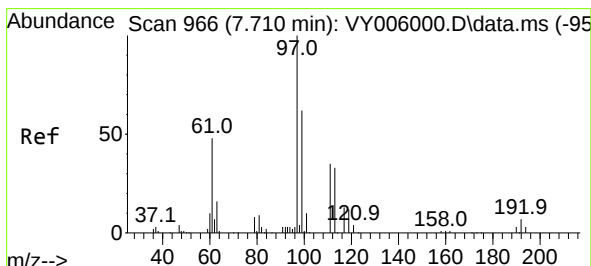
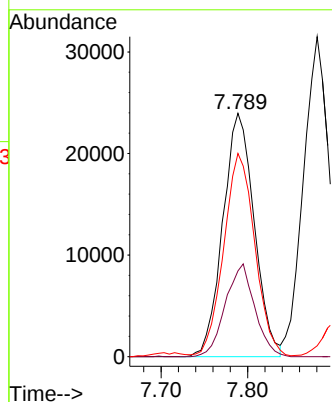
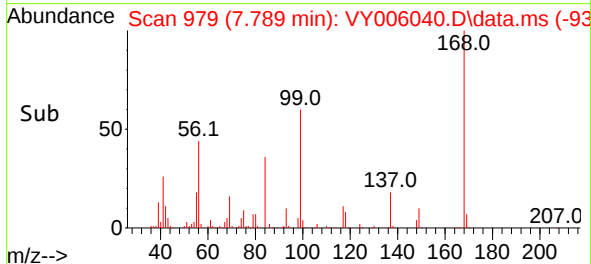


#31  
Cyclohexane  
Concen: 19.593 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

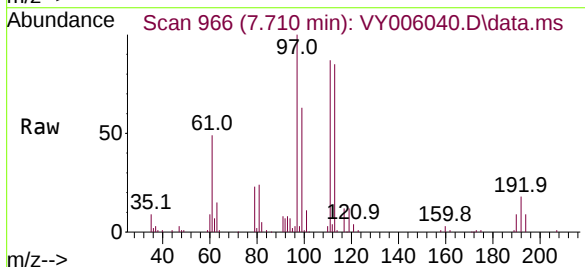
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01



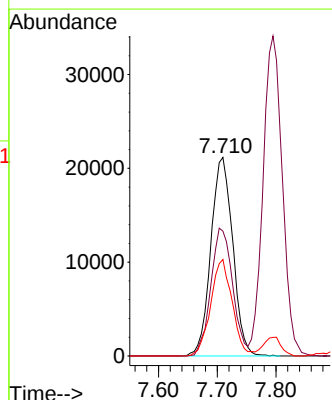
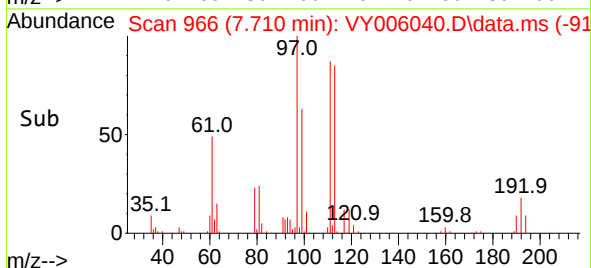
Tgt Ion: 56 Resp: 60326  
Ion Ratio Lower Upper  
56 100  
69 35.3 26.7 40.1  
84 82.3 67.2 100.8

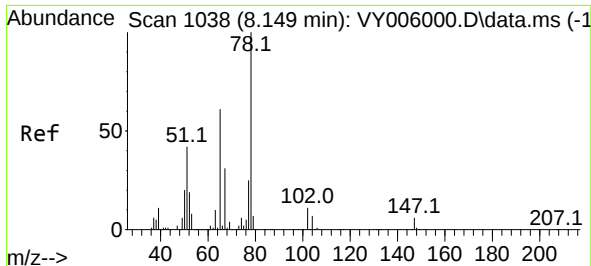


#32  
1,1,1-Trichloroethane  
Concen: 19.813 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14



Tgt Ion: 97 Resp: 54765  
Ion Ratio Lower Upper  
97 100  
99 64.3 50.7 76.1  
61 47.9 37.6 56.4

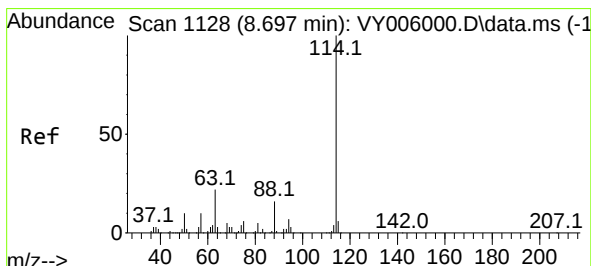
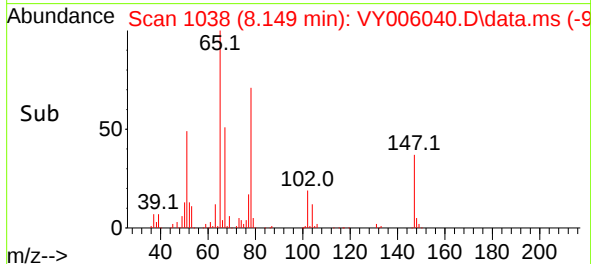
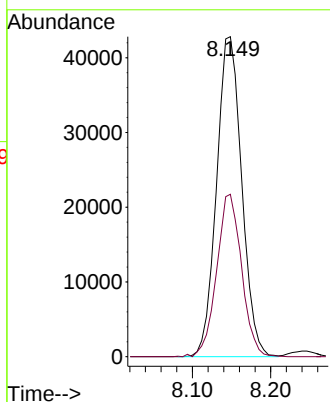
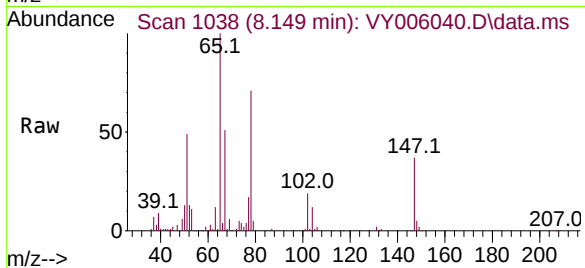




#33  
1,2-Dichloroethane-d4  
Concen: 49.713 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

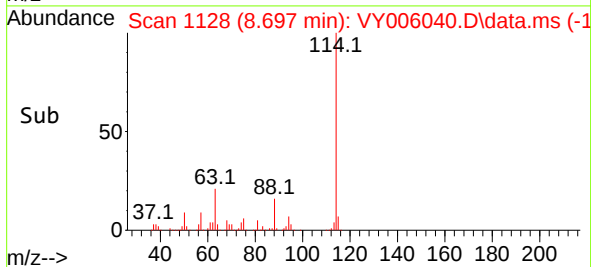
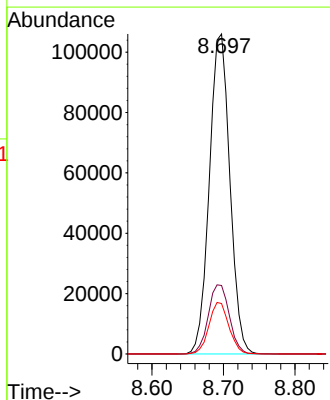
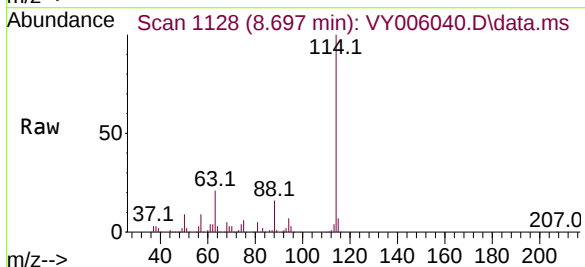
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

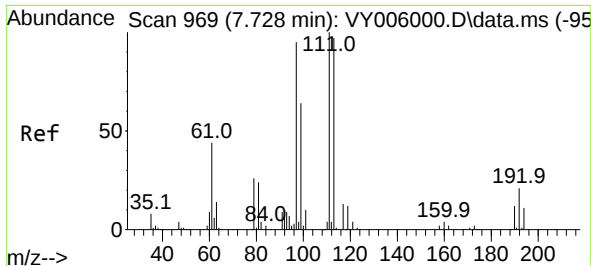
Tgt Ion: 65 Resp: 95551  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 99.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 114 Resp: 211284  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 43.2  
88 15.7 0.0 31.8

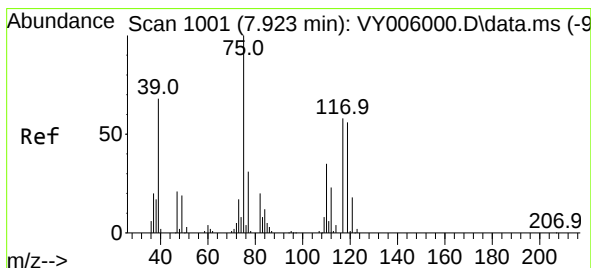
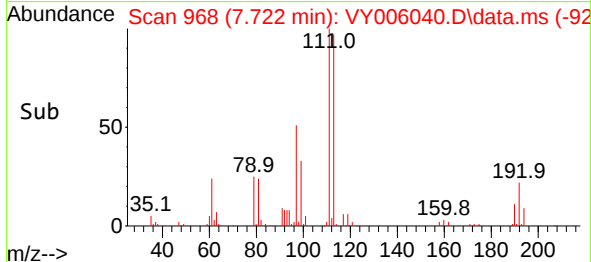
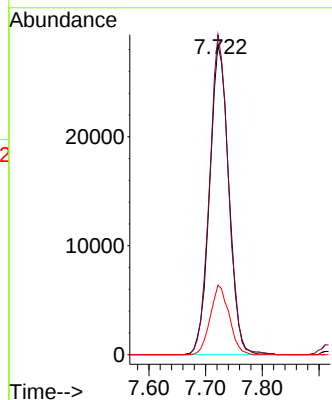
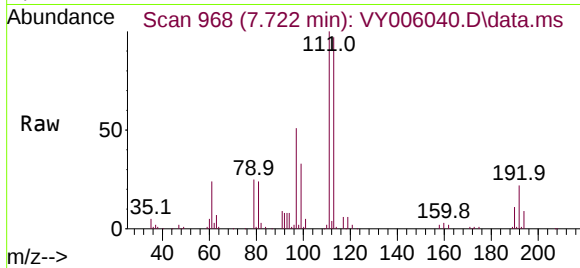




#35  
Dibromofluoromethane  
Concen: 50.858 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

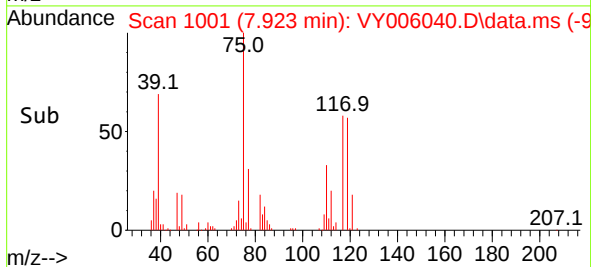
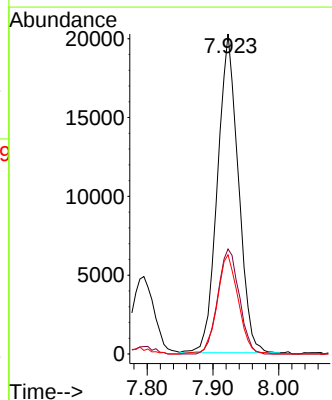
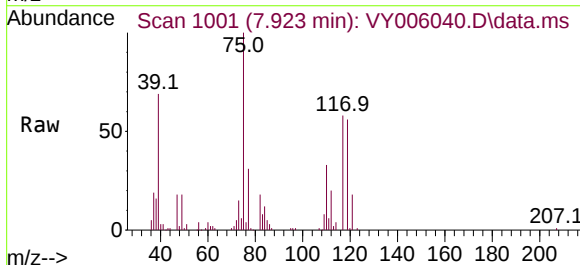
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

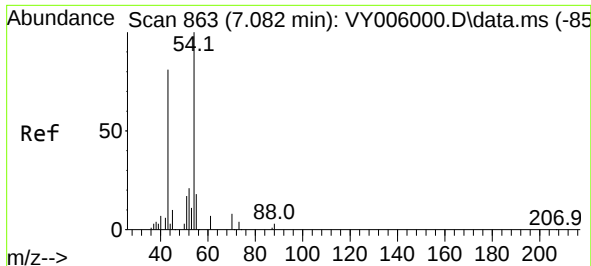
Tgt Ion:113 Resp: 66742  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.6 124.0  
192 22.1 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 19.573 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 75 Resp: 44636  
Ion Ratio Lower Upper  
75 100  
110 33.8 17.1 51.2  
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 18.634 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY006040.D

Acq: 16 Sep 2021 12:14

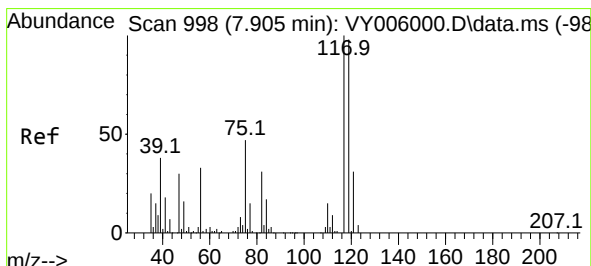
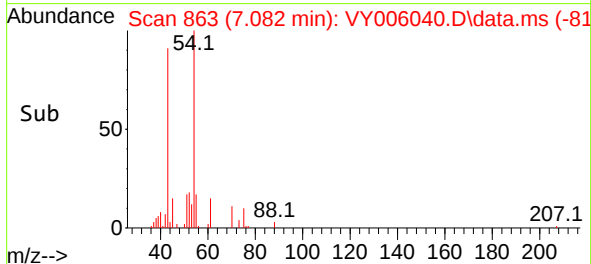
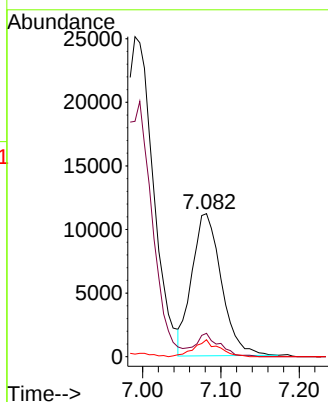
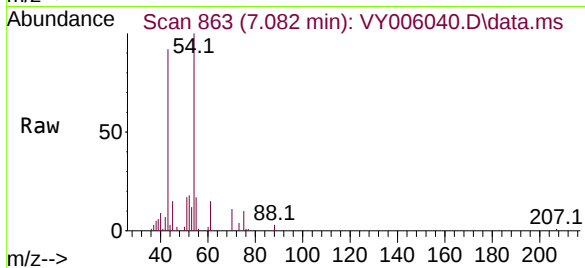
Instrument :

MSVOA\_Y

ClientSampleId :

VY0916SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 29355 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 12.7  | 9.7   | 14.5  |
| 70       | 9.9   | 7.1   | 10.7  |



#38

Carbon Tetrachloride

Concen: 20.198 ug/l

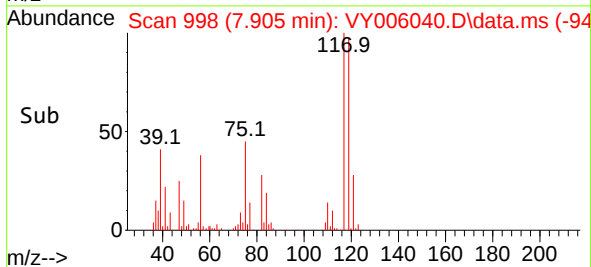
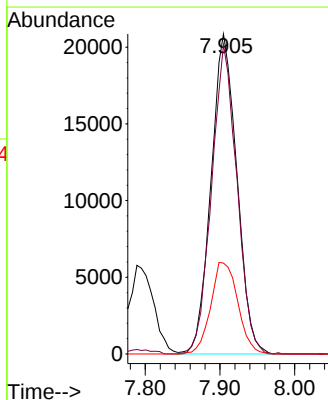
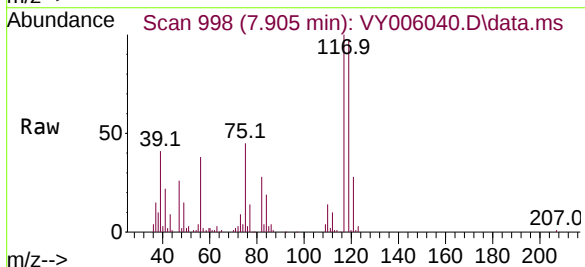
RT: 7.905 min Scan# 998

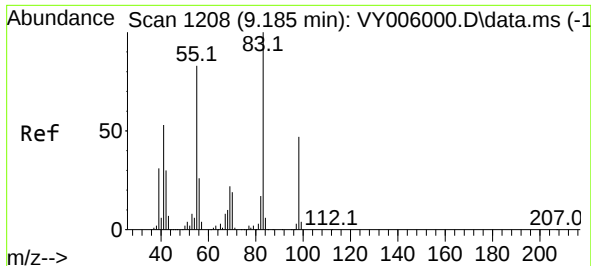
Delta R.T. -0.000 min

Lab File: VY006040.D

Acq: 16 Sep 2021 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 50145 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.7  | 77.9  | 116.9 |
| 121      | 28.4  | 24.8  | 37.2  |





#39

Methylcyclohexane

Concen: 19.704 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY006040.D

Acq: 16 Sep 2021 12:14

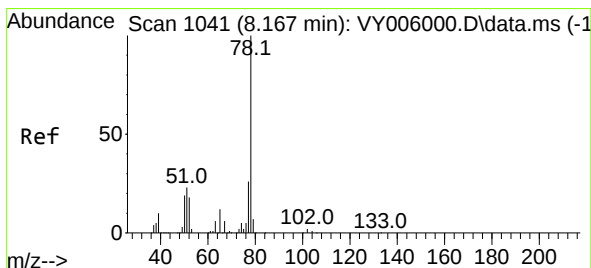
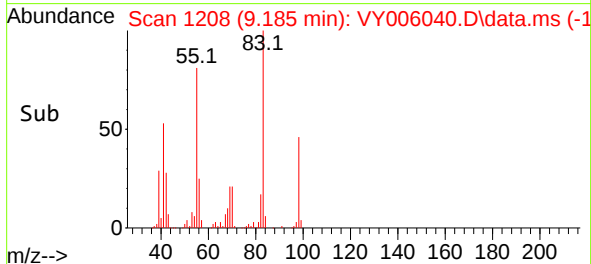
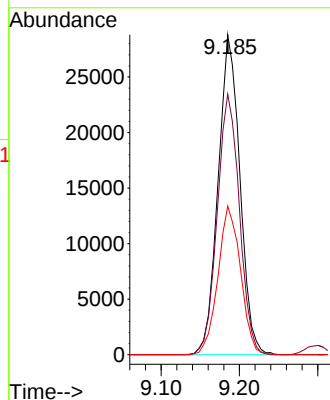
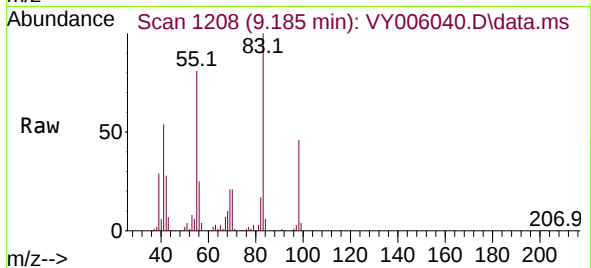
Instrument :

MSVOA\_Y

ClientSampleId :

VY0916SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 55694 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 81.4  | 66.5  | 99.7  |
| 98       | 46.5  | 37.9  | 56.9  |



#40

Benzene

Concen: 19.626 ug/l

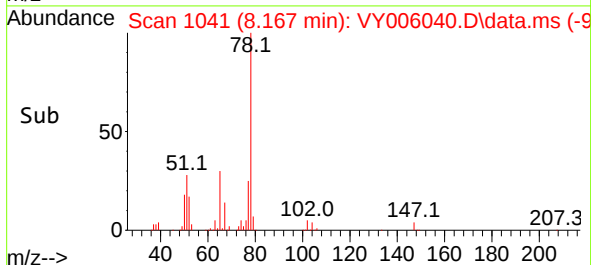
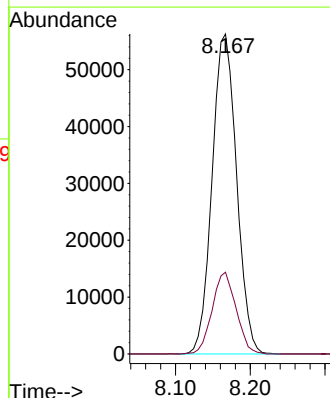
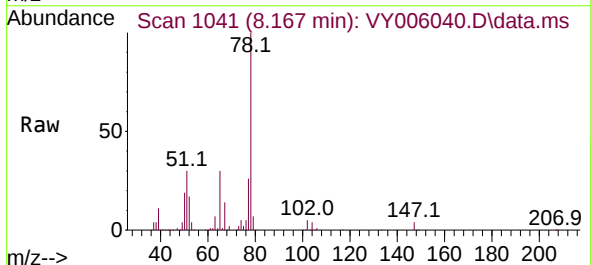
RT: 8.167 min Scan# 1041

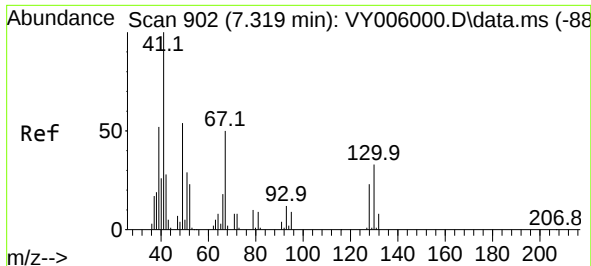
Delta R.T. -0.000 min

Lab File: VY006040.D

Acq: 16 Sep 2021 12:14

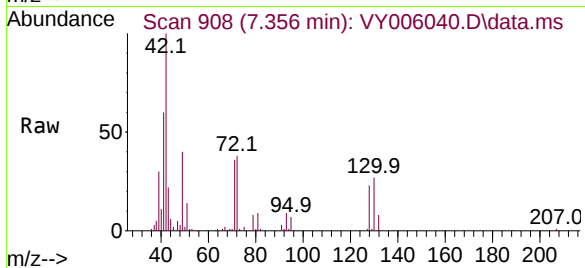
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 128343 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 25.5  | 20.4  | 30.6   |



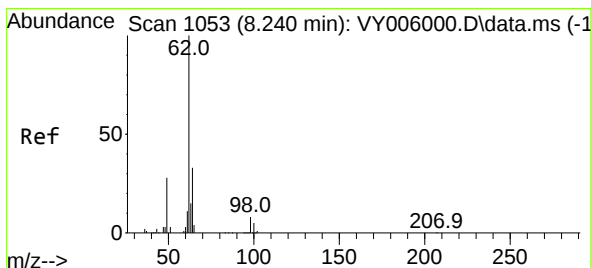
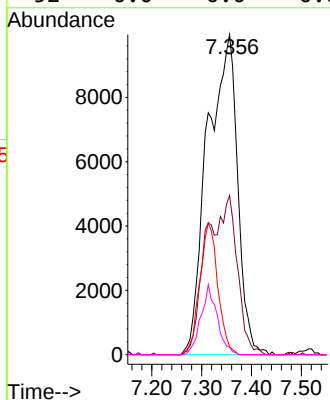
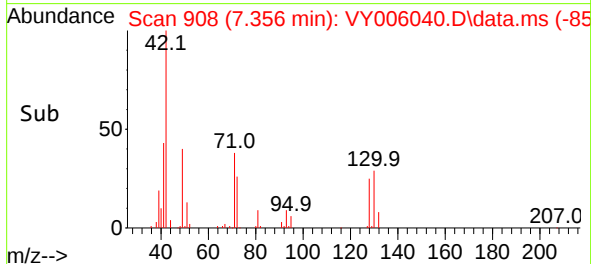


#41  
Methacrylonitrile  
Concen: 45.229 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.036 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

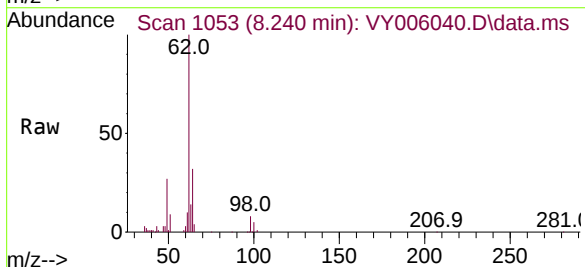
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01



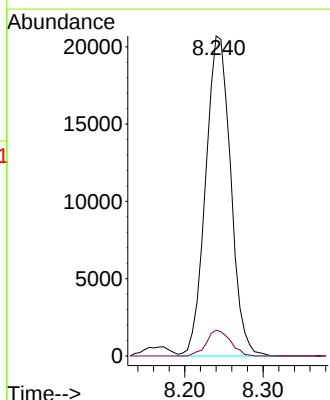
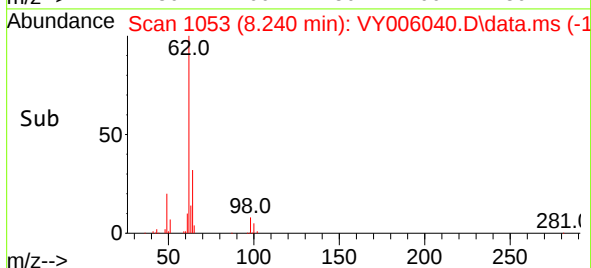
Tgt Ion: 41 Resp: 41615  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

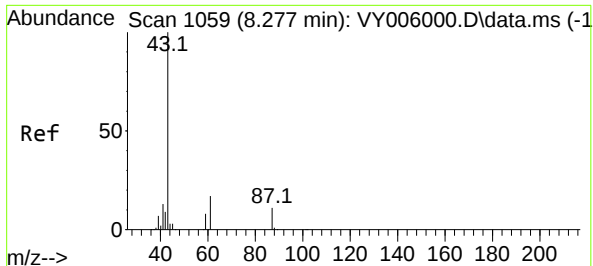


#42  
1,2-Dichloroethane  
Concen: 19.885 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14



Tgt Ion: 62 Resp: 45986  
Ion Ratio Lower Upper  
62 100  
98 7.7 0.0 14.8





#43

Isopropyl Acetate

Concen: 19.118 ug/l

RT: 8.277 min Scan# 1059

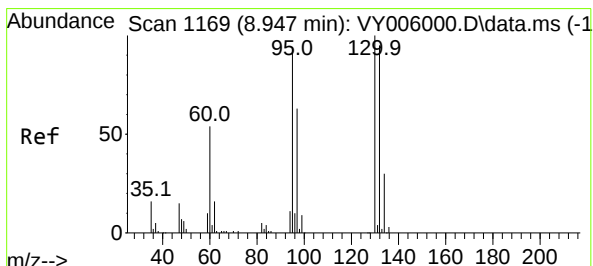
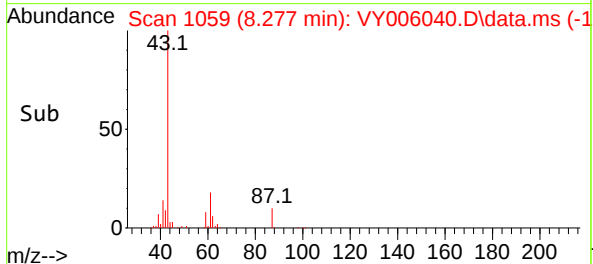
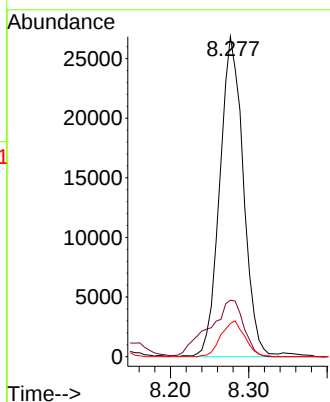
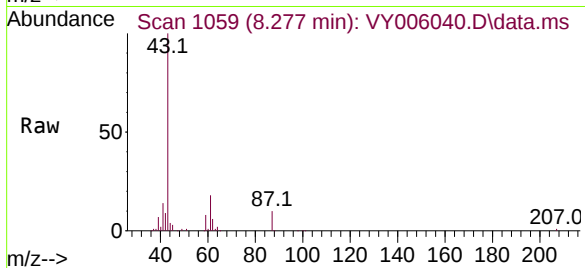
Delta R.T. -0.000 min

Lab File: VY006040.D

Acq: 16 Sep 2021 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 56099 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 25.7  | 20.2  | 30.2  |
| 87       | 11.3  | 8.9   | 13.3  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01



#44

Trichloroethene

Concen: 19.983 ug/l

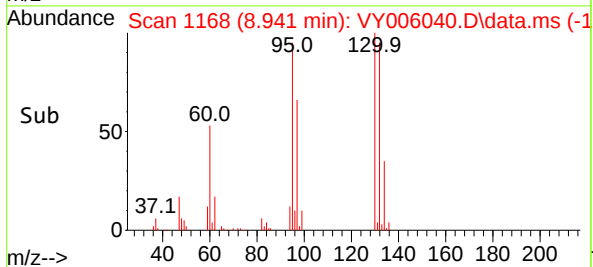
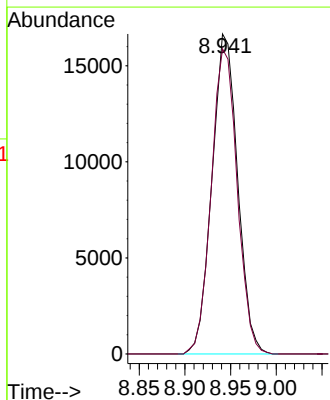
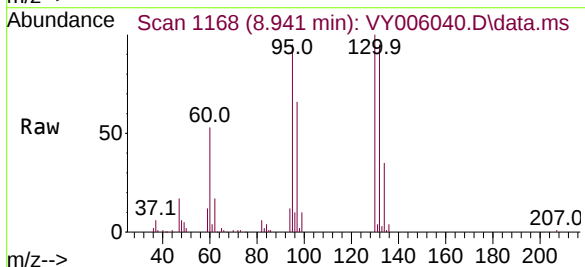
RT: 8.941 min Scan# 1168

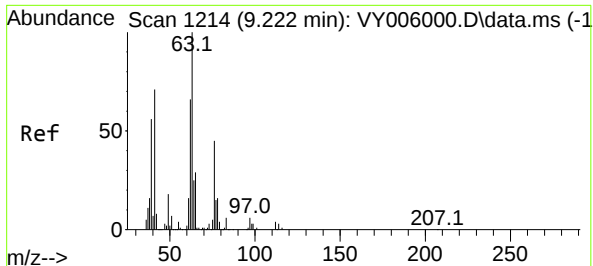
Delta R.T. -0.006 min

Lab File: VY006040.D

Acq: 16 Sep 2021 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 32565 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 95.4  | 0.0   | 188.2 |



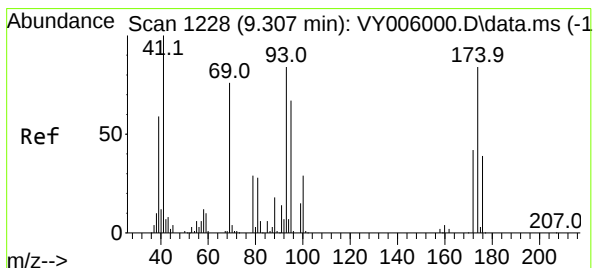
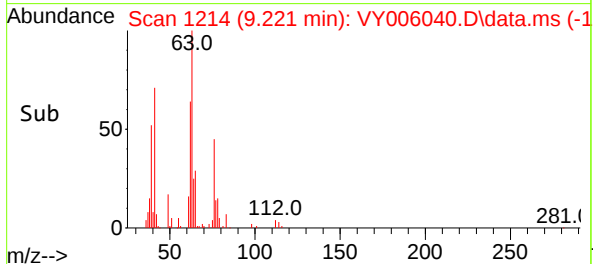
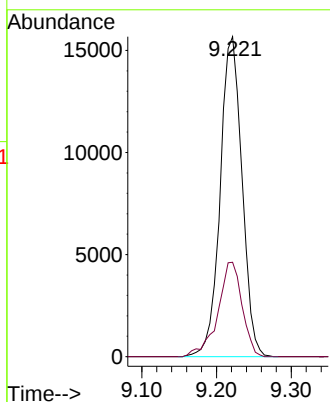
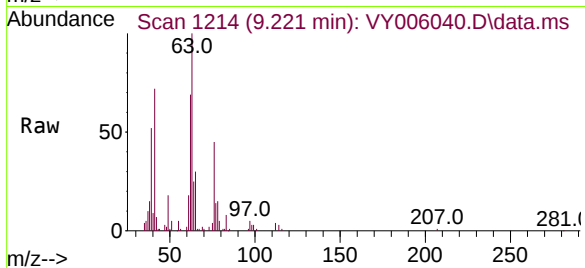


#45

1,2-Dichloropropane  
Concen: 19.684 ug/l  
RT: 9.221 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

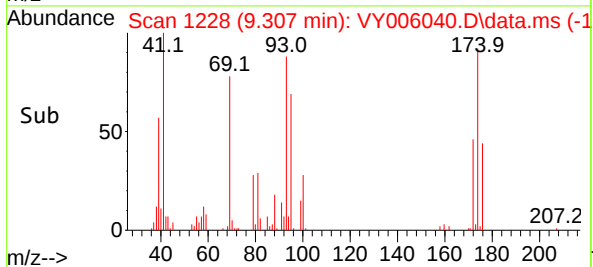
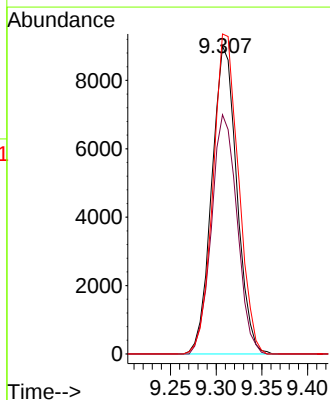
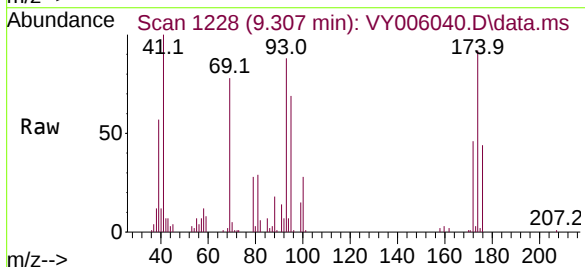
Tgt Ion: 63 Resp: 31844  
Ion Ratio Lower Upper  
63 100  
65 29.5 23.0 34.6

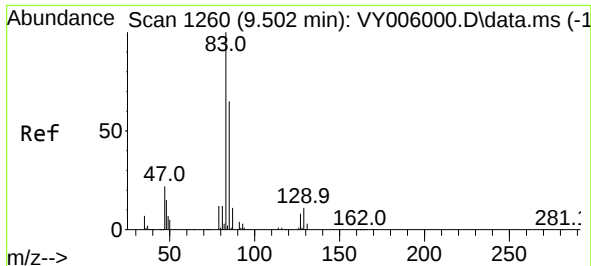


#46

Dibromomethane  
Concen: 19.573 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 93 Resp: 17139  
Ion Ratio Lower Upper  
93 100  
95 79.2 64.3 96.5  
174 105.5 83.4 125.0

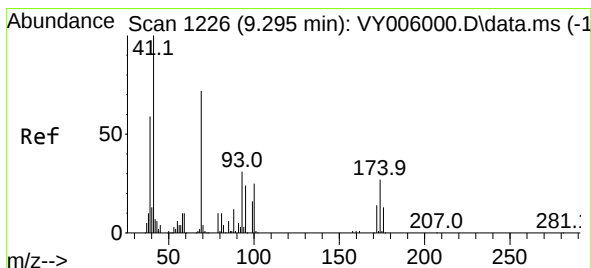
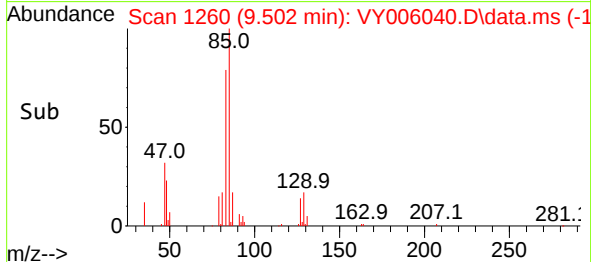
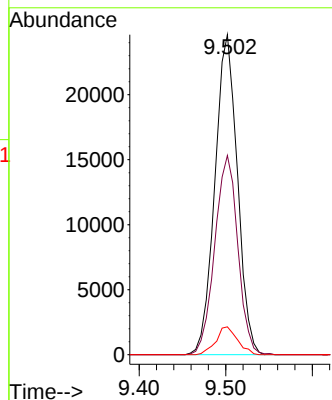
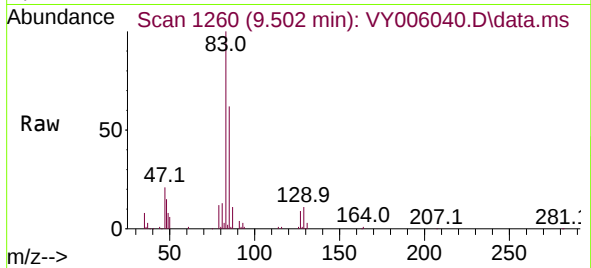




#47  
Bromodichloromethane  
Concen: 19.727 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

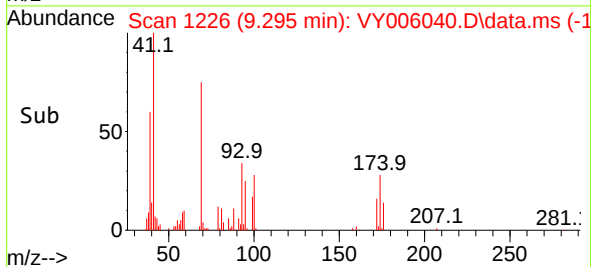
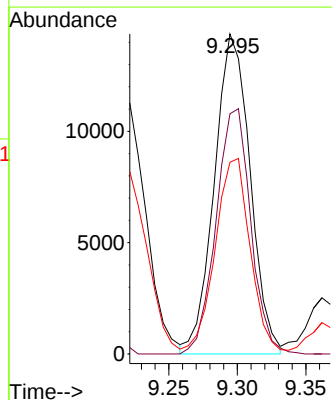
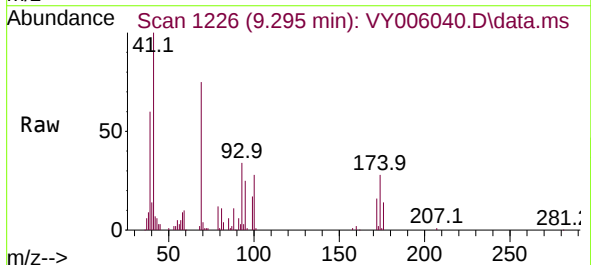
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

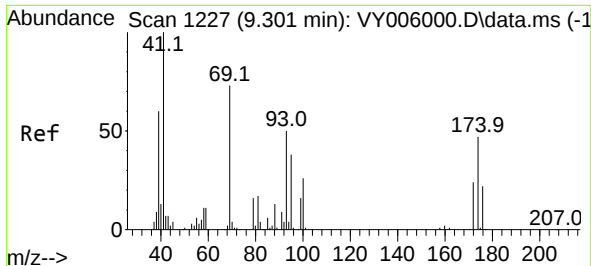
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 44461 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.2  | 51.9  | 77.9  |
| 127      | 8.7   | 6.6   | 10.0  |



#48  
Methyl methacrylate  
Concen: 19.250 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

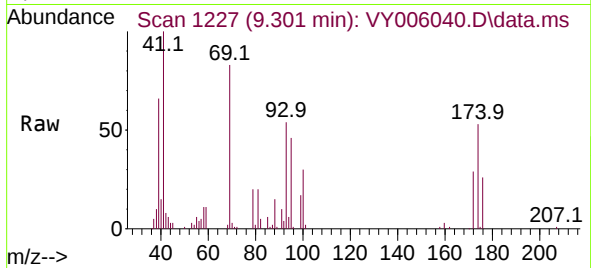
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 26101 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 74.3  | 58.2  | 87.2  |
| 39       | 58.0  | 47.4  | 71.0  |



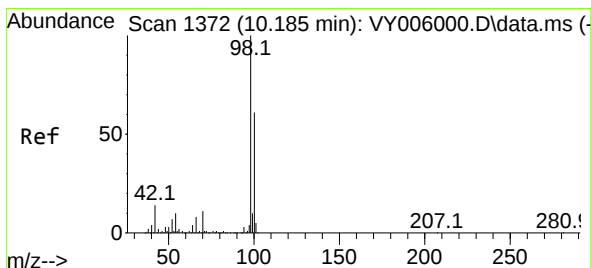
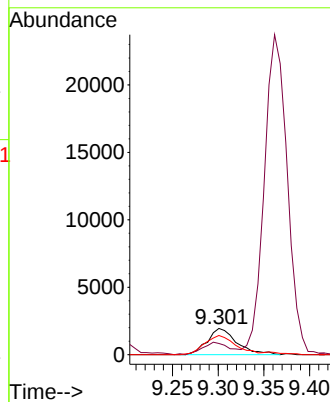
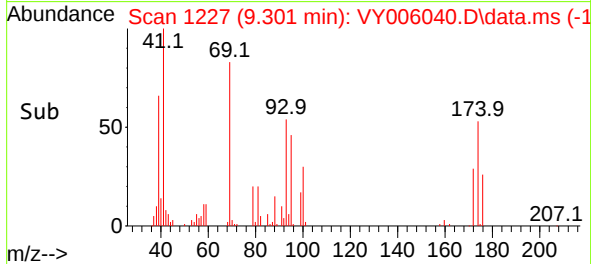


#49  
1,4-Dioxane  
Concen: 360.718 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

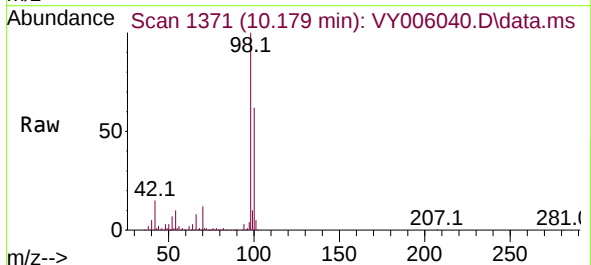
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01



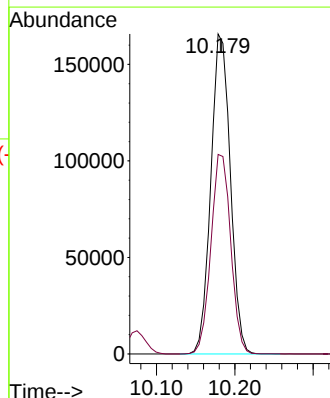
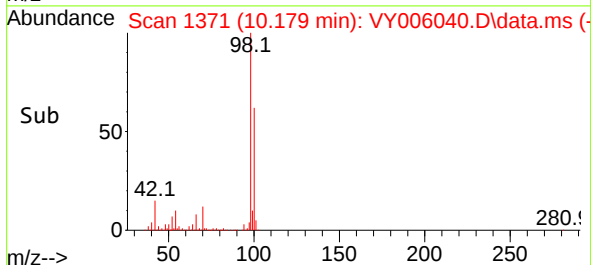
Tgt Ion: 88 Resp: 4359  
Ion Ratio Lower Upper  
88 100  
43 44.8 32.8 49.2  
58 77.7 59.8 89.6

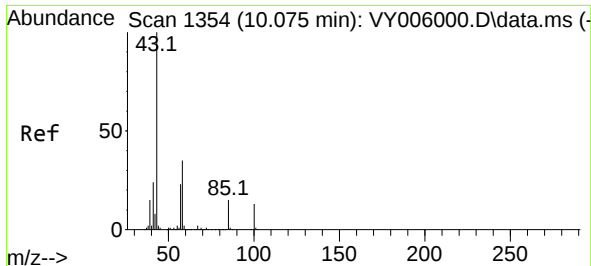


#50  
Toluene-d8  
Concen: 51.211 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14



Tgt Ion: 98 Resp: 286434  
Ion Ratio Lower Upper  
98 100  
100 63.4 50.2 75.2

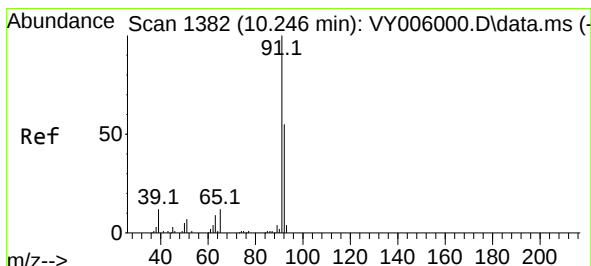
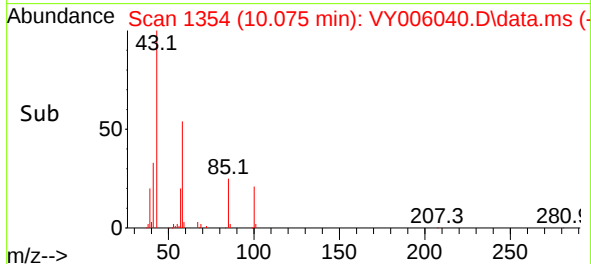
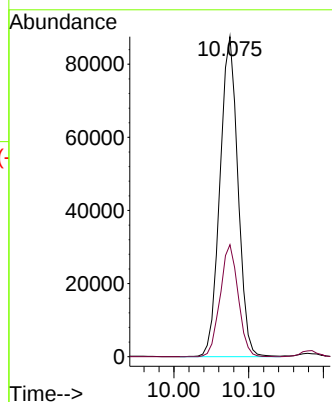
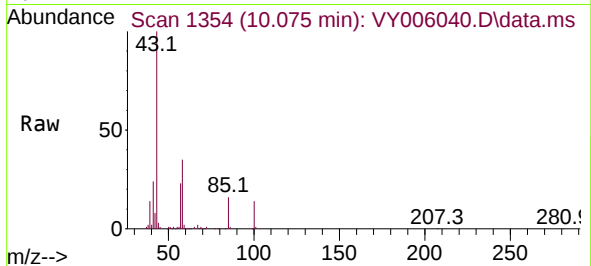




#51  
4-Methyl-2-Pentanone  
Concen: 93.899 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

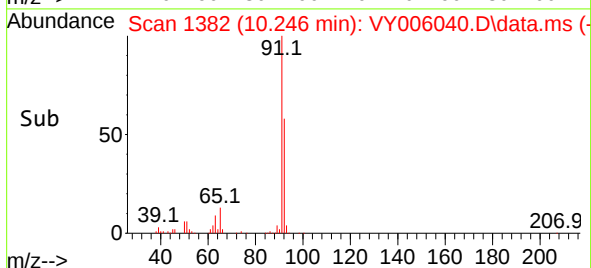
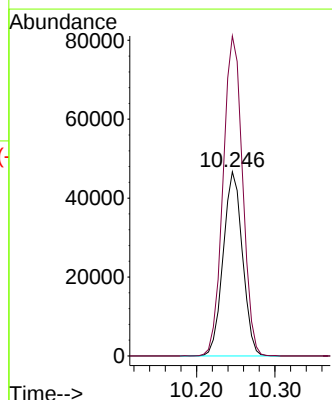
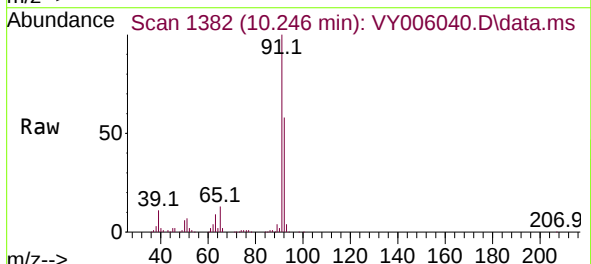
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

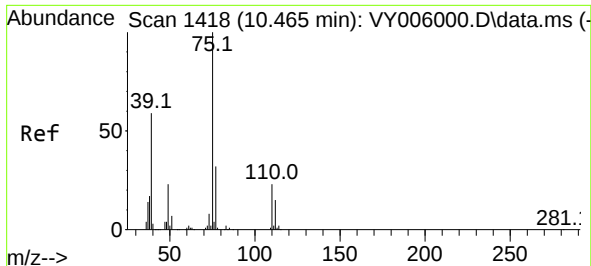
Tgt Ion: 43 Resp: 146892  
Ion Ratio Lower Upper  
43 100  
58 35.0 28.1 42.1



#52  
Toluene  
Concen: 19.823 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 92 Resp: 79882  
Ion Ratio Lower Upper  
92 100  
91 175.7 142.6 213.8

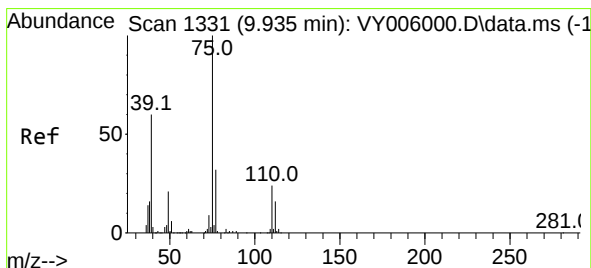
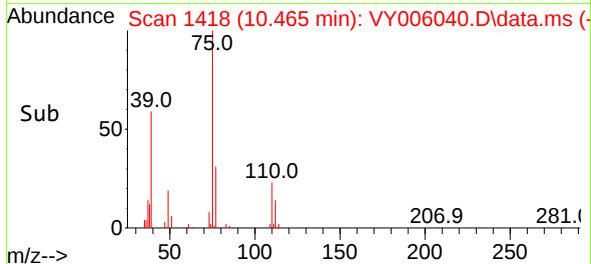
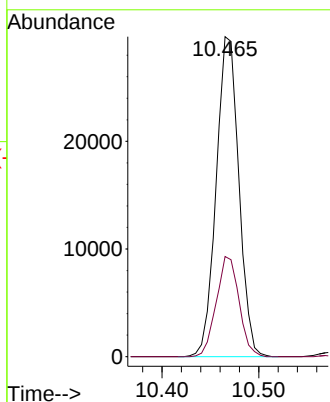
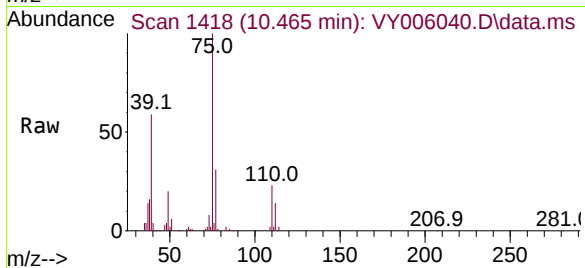




#53  
t-1,3-Dichloropropene  
Concen: 19.517 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

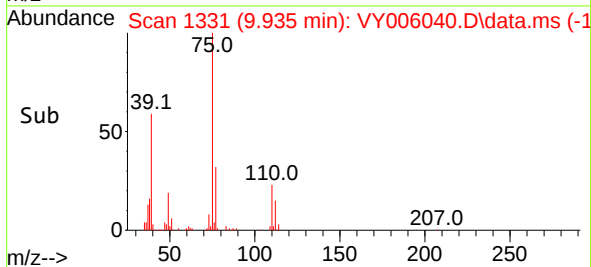
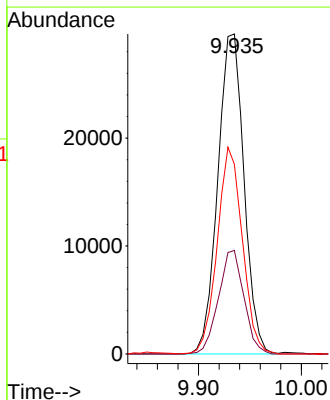
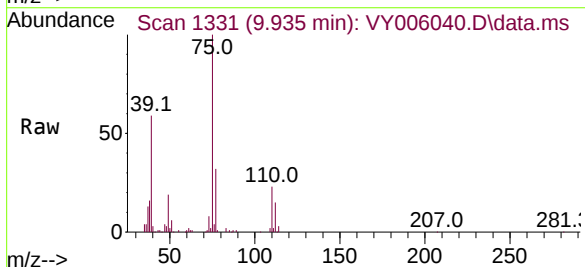
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

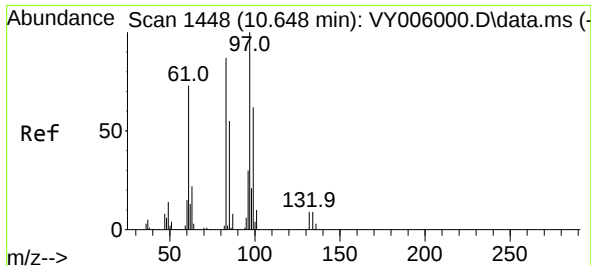
Tgt Ion: 75 Resp: 48320  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 19.631 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 75 Resp: 52418  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.6 38.4  
39 59.3 47.6 71.4

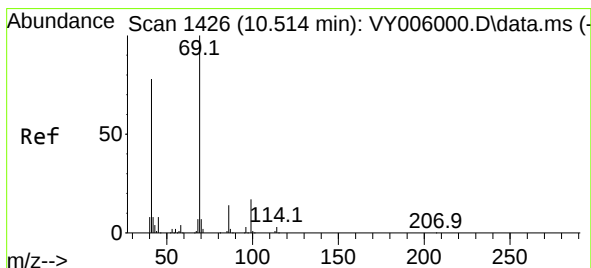
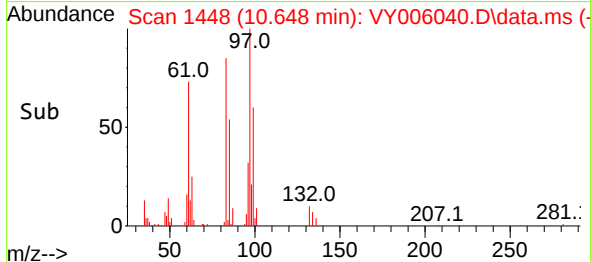
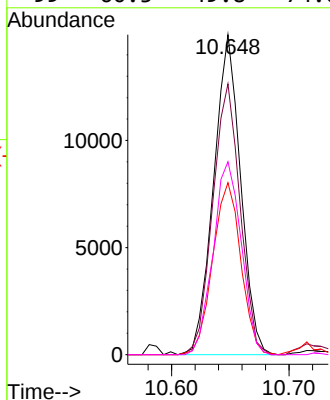
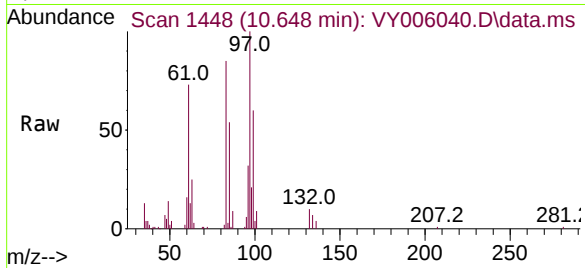




#55  
1,1,2-Trichloroethane  
Concen: 19.824 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

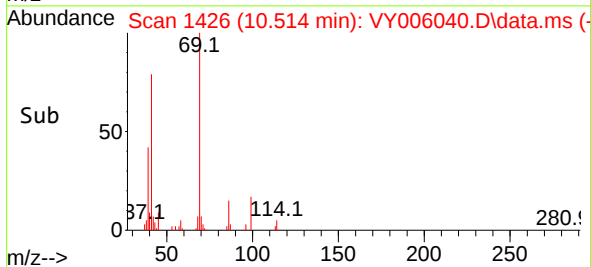
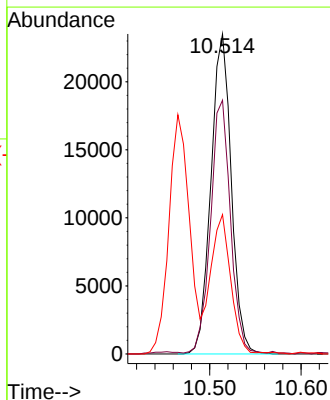
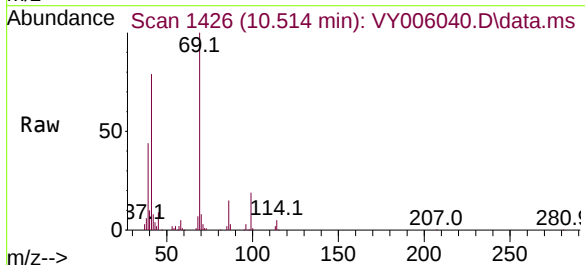
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

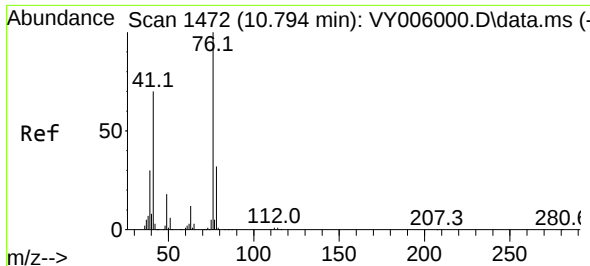
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 23853 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.7  | 69.8  | 104.8 |
| 85       | 53.7  | 44.3  | 66.5  |
| 99       | 60.3  | 49.8  | 74.6  |



#56  
Ethyl methacrylate  
Concen: 18.882 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 36320 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 77.0  | 63.4  | 95.0  |
| 39       | 43.2  | 35.8  | 53.8  |

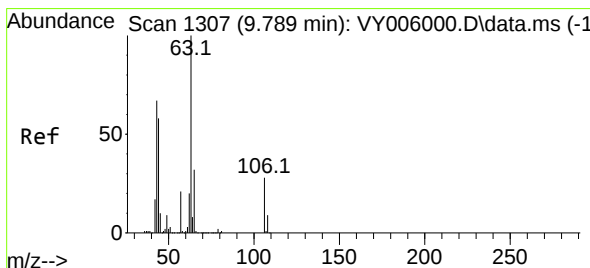
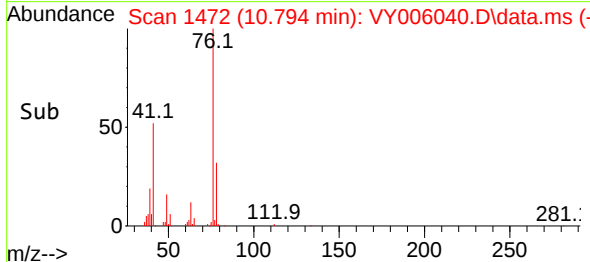
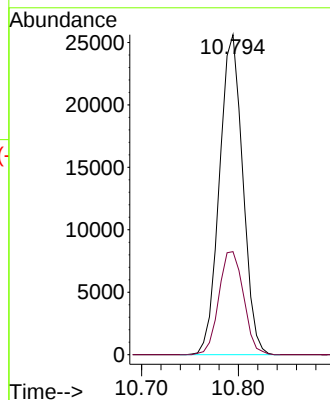
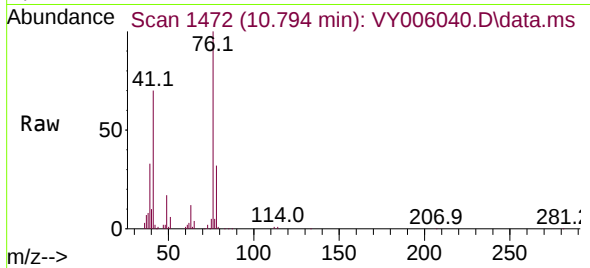




#57  
1,3-Dichloropropane  
Concen: 19.288 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

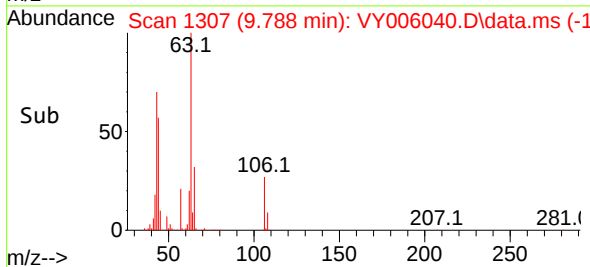
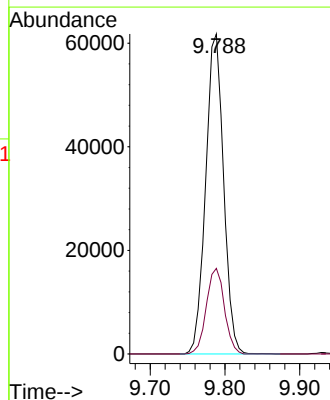
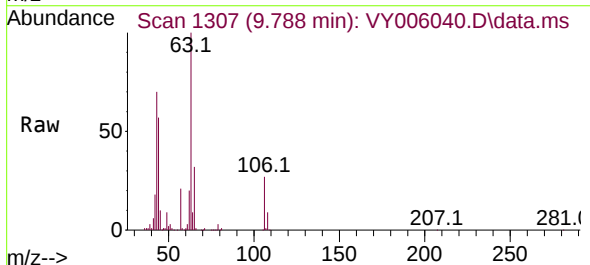
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

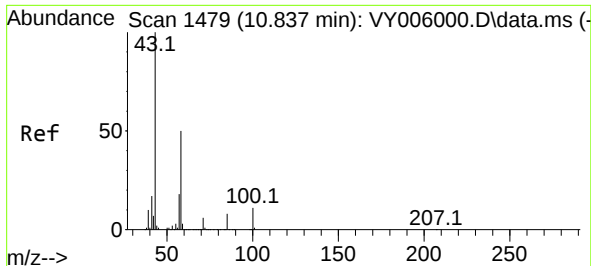
Tgt Ion: 76 Resp: 42777  
Ion Ratio Lower Upper  
76 100  
78 34.1 25.0 37.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 101.967 ug/l  
RT: 9.788 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 63 Resp: 102680  
Ion Ratio Lower Upper  
63 100  
106 27.0 21.5 32.3

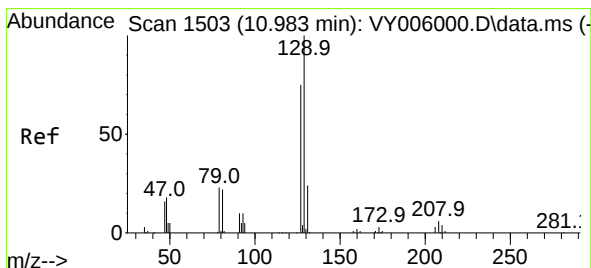
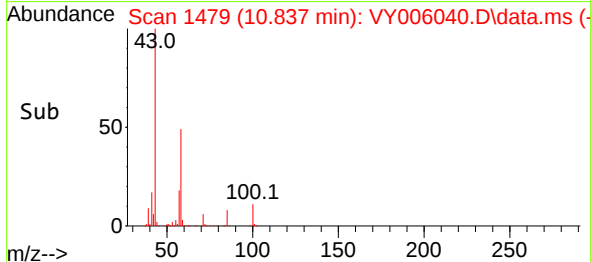
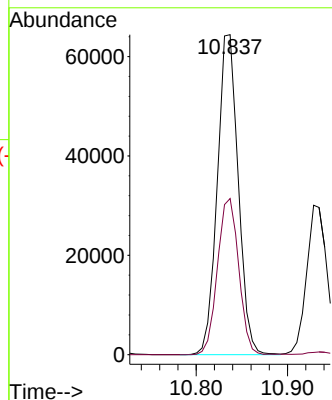
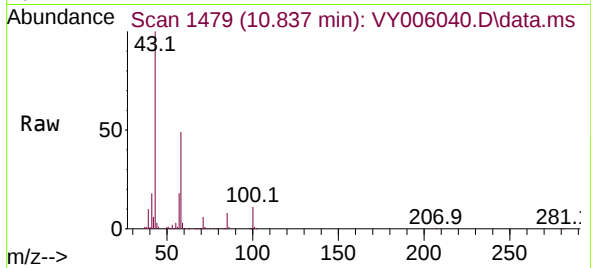




#59  
2-Hexanone  
Concen: 95.039 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

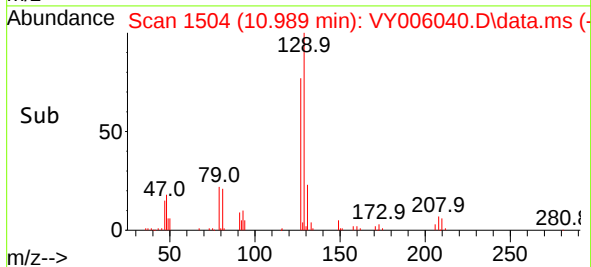
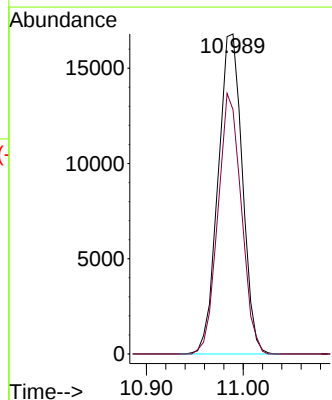
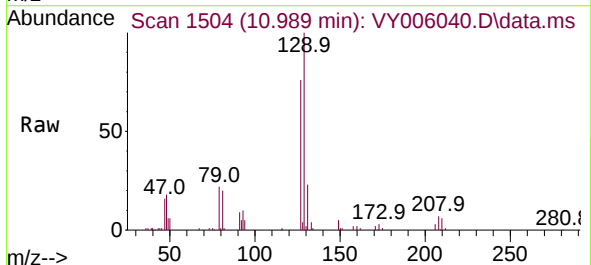
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

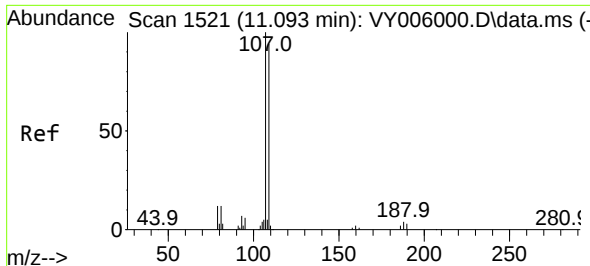
Tgt Ion: 43 Resp: 102640  
Ion Ratio Lower Upper  
43 100  
58 49.5 24.4 73.4



#60  
Dibromochloromethane  
Concen: 19.702 ug/l  
RT: 10.989 min Scan# 1504  
Delta R.T. 0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 129 Resp: 29228  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.7 116.1

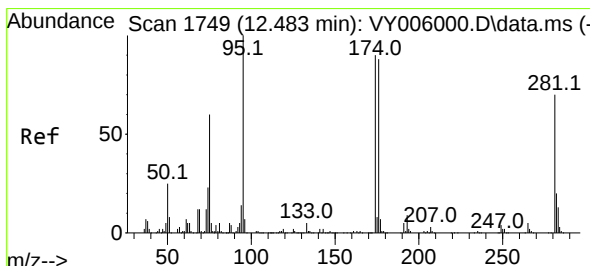
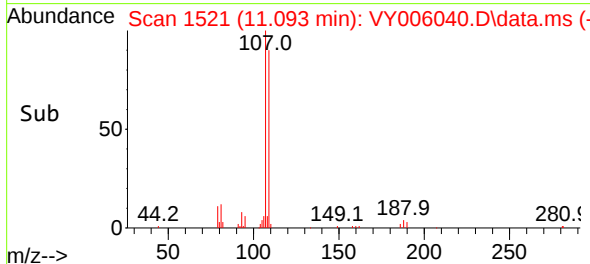
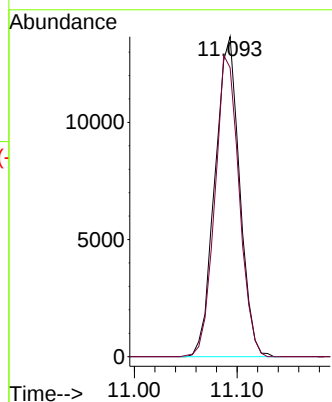
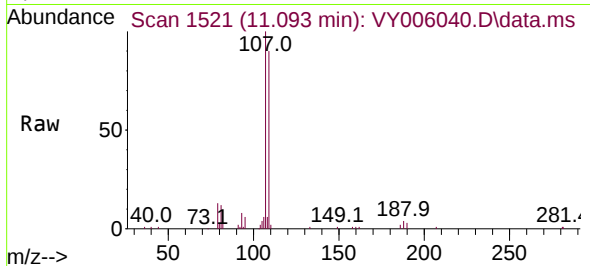




#61  
1,2-Dibromoethane  
Concen: 19.965 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

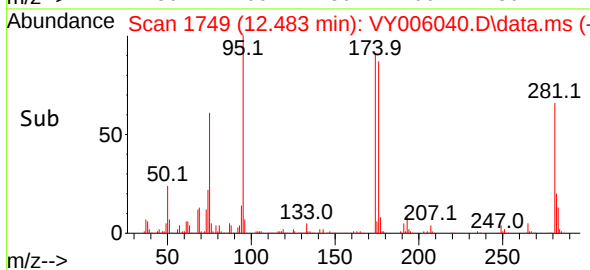
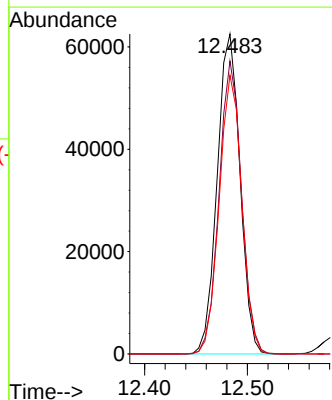
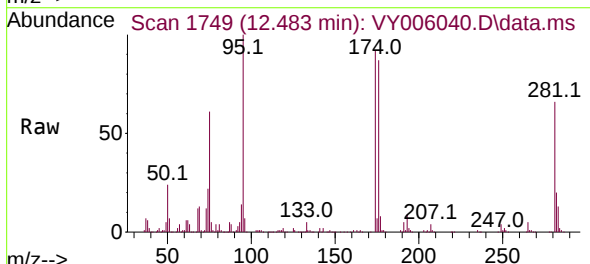
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

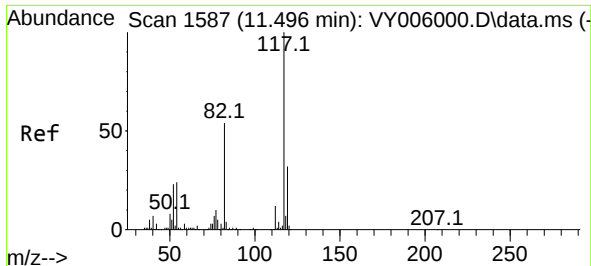
Tgt Ion:107 Resp: 22691  
Ion Ratio Lower Upper  
107 100  
109 92.5 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 50.699 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 95 Resp: 96277  
Ion Ratio Lower Upper  
95 100  
174 90.1 0.0 177.0  
176 86.2 0.0 175.8

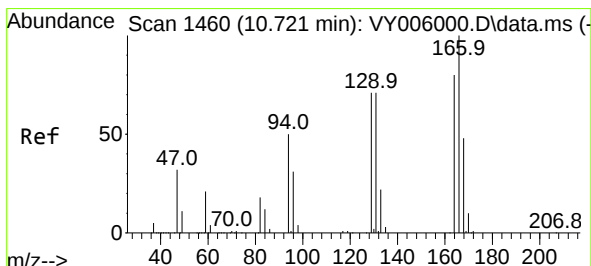
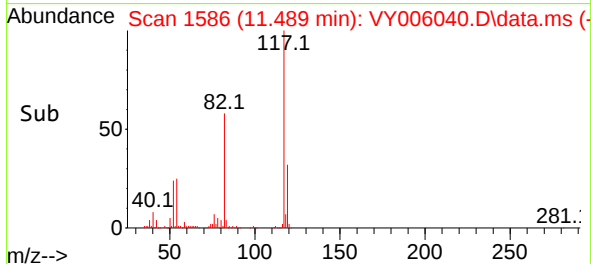
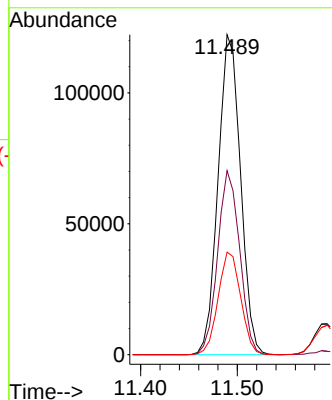
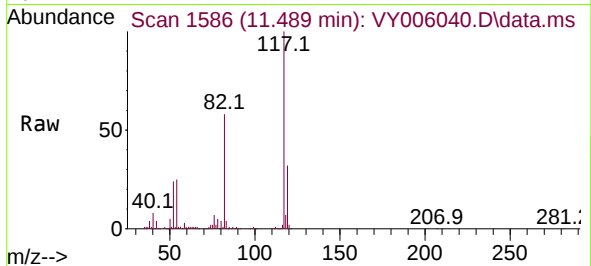




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

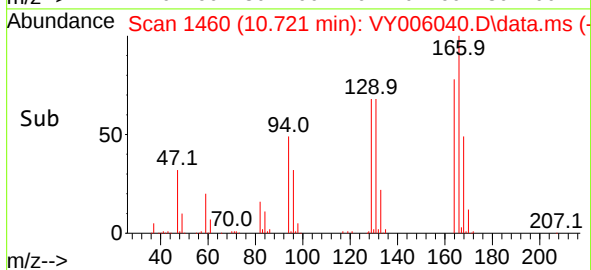
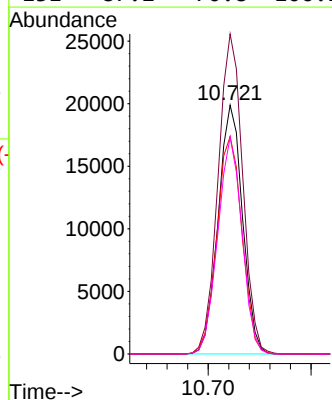
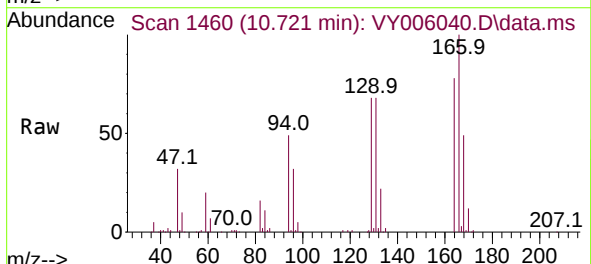
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

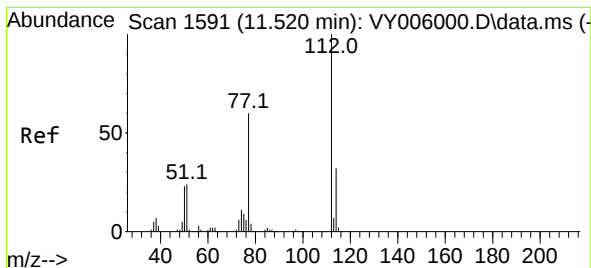
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 196919 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 57.5  | 43.0  | 64.4   |
| 119       | 32.1  | 25.4  | 38.0   |



#64  
Tetrachloroethene  
Concen: 20.335 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 32752 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 166       | 128.7 | 100.4 | 150.6 |
| 129       | 87.4  | 71.4  | 107.0 |
| 131       | 87.2  | 70.8  | 106.2 |

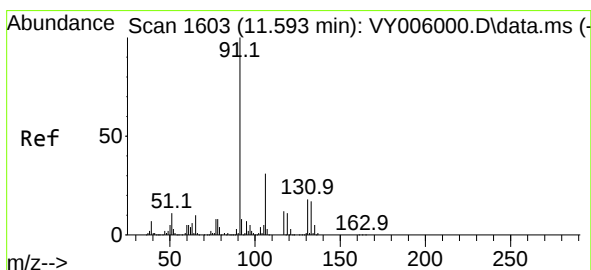
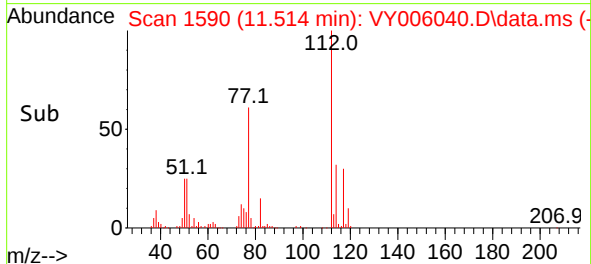
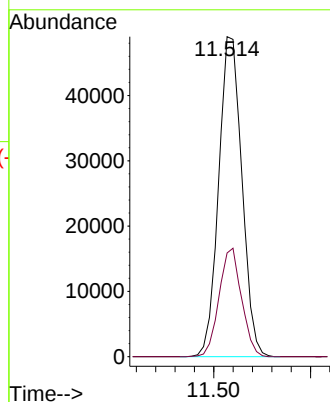
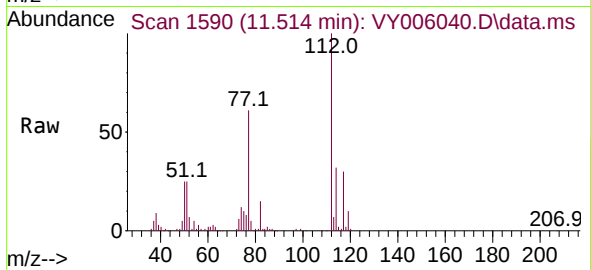




#65  
Chlorobenzene  
Concen: 19.380 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. -0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

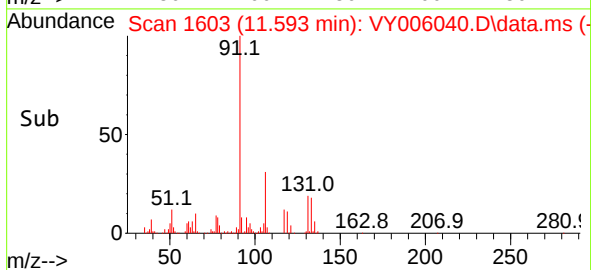
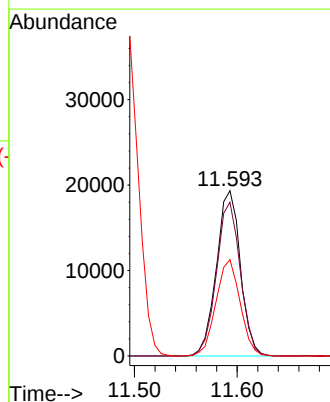
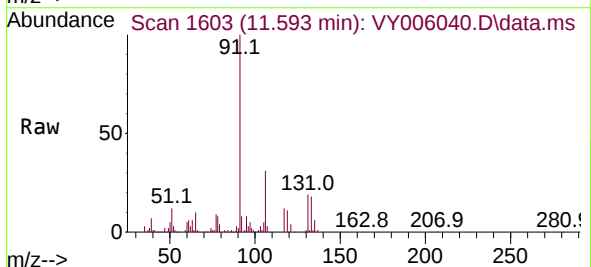
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

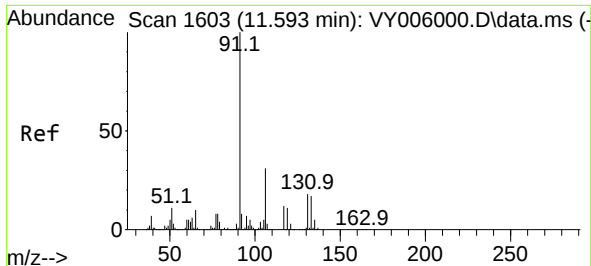
Tgt Ion:112 Resp: 81657  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.931 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion:131 Resp: 31301  
Ion Ratio Lower Upper  
131 100  
133 92.8 47.9 143.6  
119 58.9 30.8 92.3

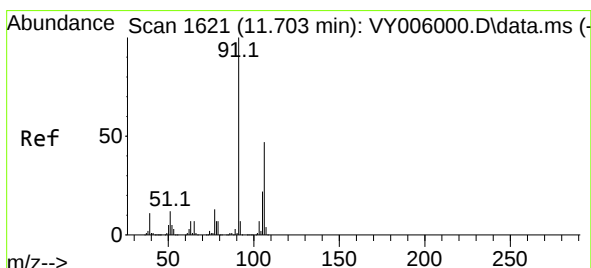
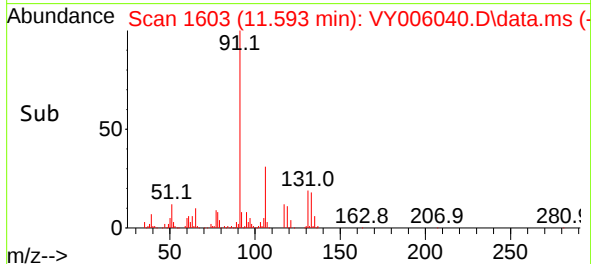
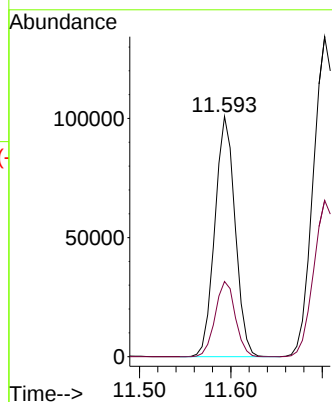
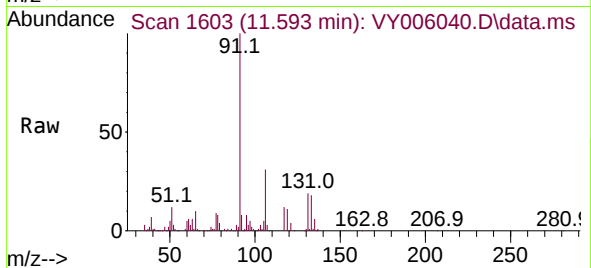




#67  
Ethyl Benzene  
Concen: 19.355 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

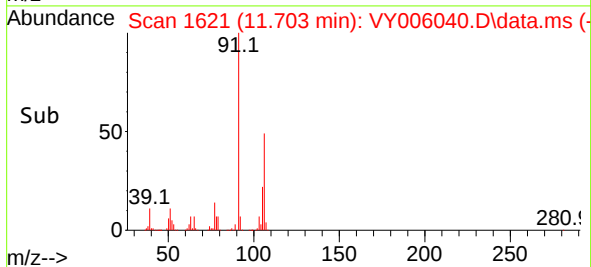
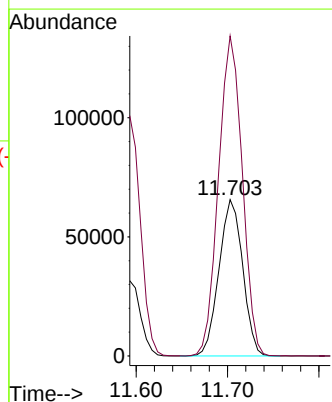
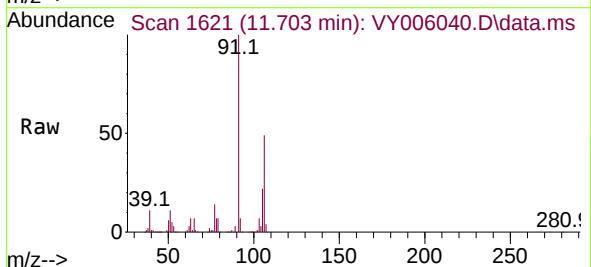
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

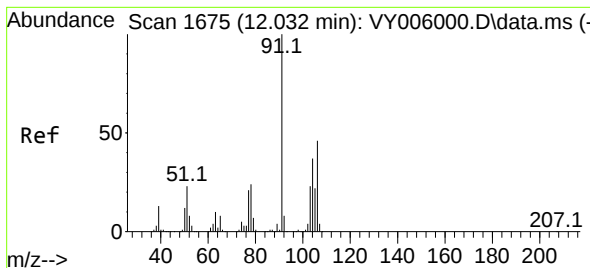
Tgt Ion: 91 Resp: 155020  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.5 36.7



#68  
m/p-Xylenes  
Concen: 39.006 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 106 Resp: 118460  
Ion Ratio Lower Upper  
106 100  
91 205.5 166.6 249.8

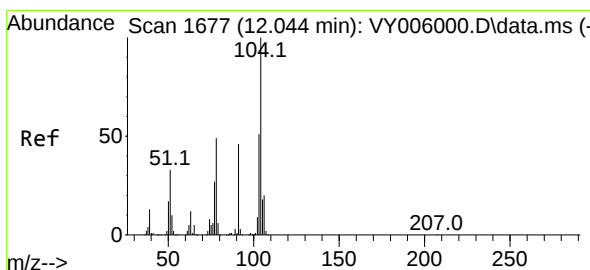
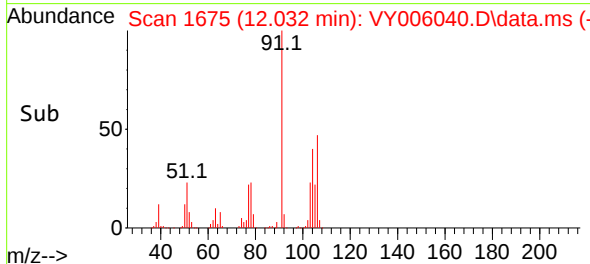
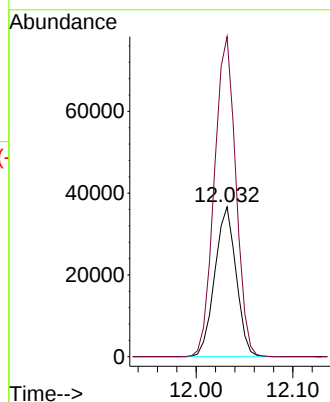
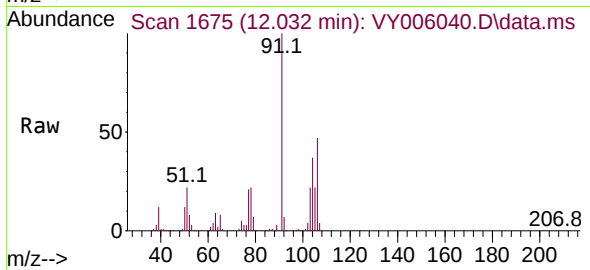




#69  
o-Xylene  
Concen: 19.550 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

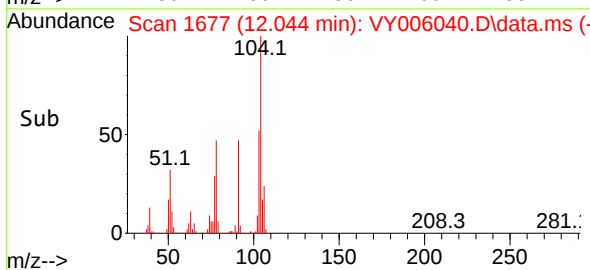
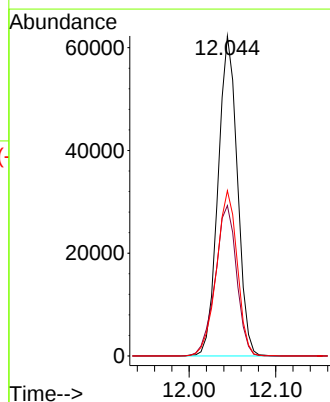
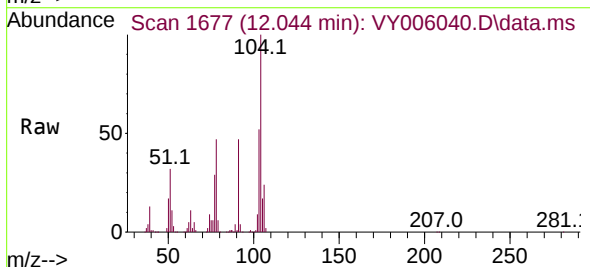
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

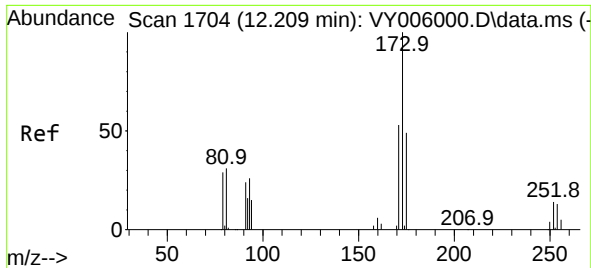
Tgt Ion:106 Resp: 56078  
Ion Ratio Lower Upper  
106 100  
91 215.4 110.3 331.0



#70  
Styrene  
Concen: 19.645 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion:104 Resp: 96532  
Ion Ratio Lower Upper  
104 100  
78 51.8 42.4 63.6  
103 55.5 44.4 66.6

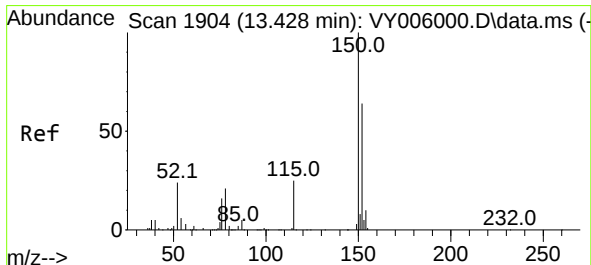
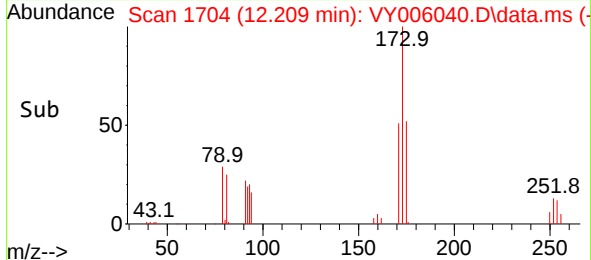
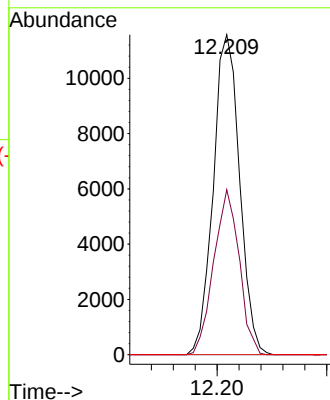
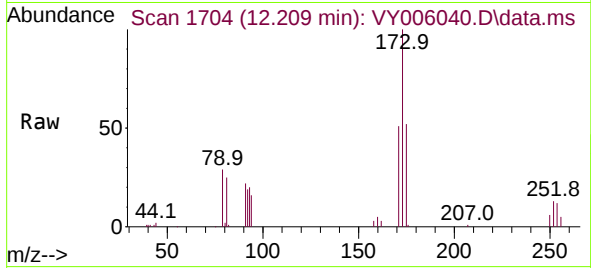




#71  
Bromoform  
Concen: 19.642 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

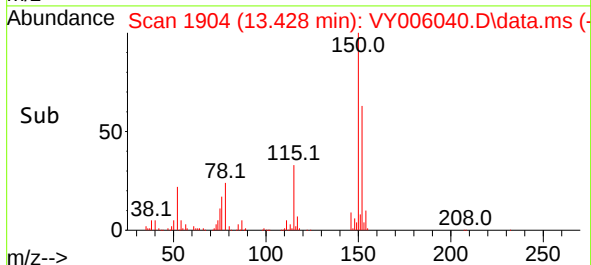
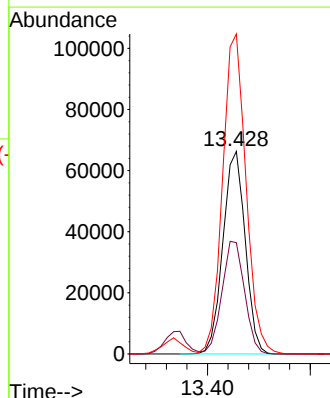
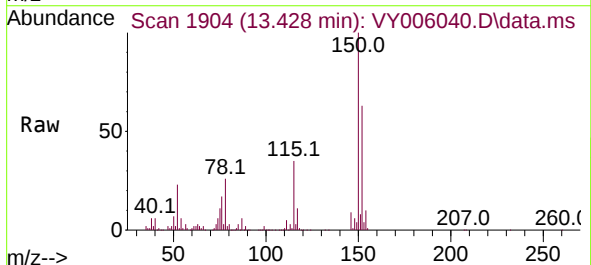
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

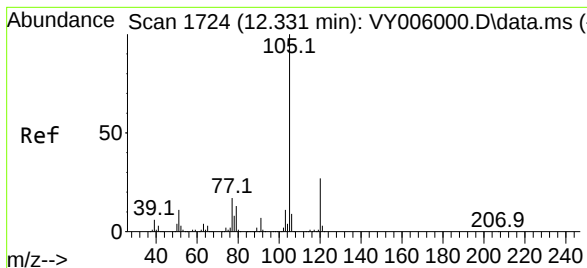
Tgt Ion:173 Resp: 19315  
Ion Ratio Lower Upper  
173 100  
175 49.8 24.6 74.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion:152 Resp: 99922  
Ion Ratio Lower Upper  
152 100  
115 56.5 28.2 84.7  
150 165.0 0.0 347.6

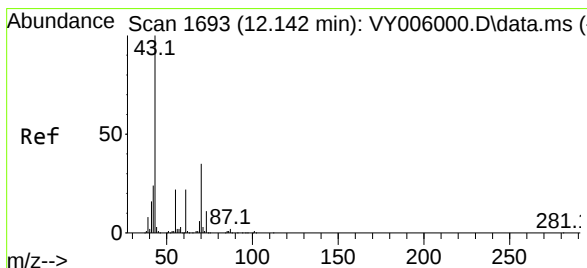
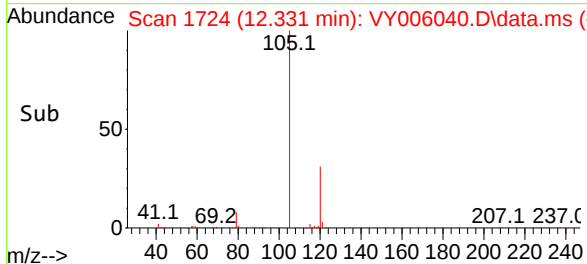
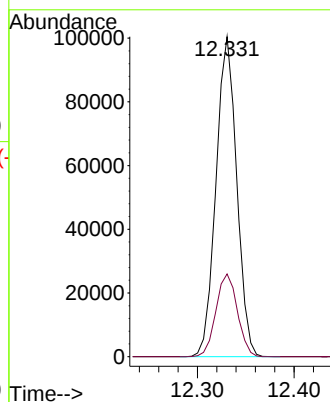
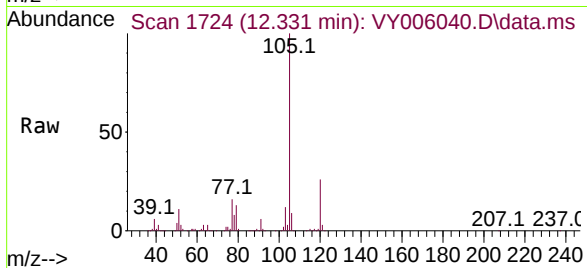




#73  
Isopropylbenzene  
Concen: 19.070 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

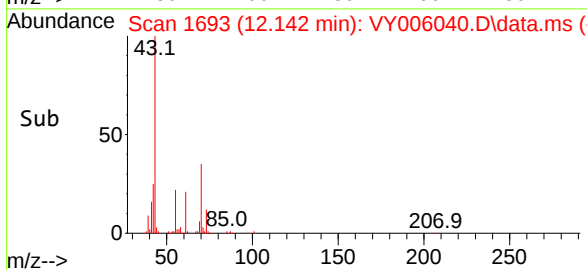
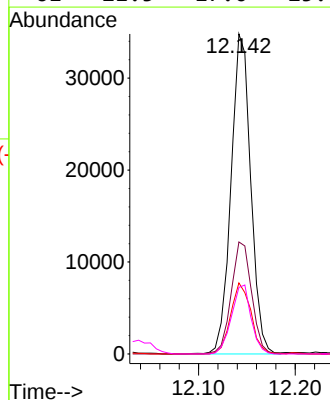
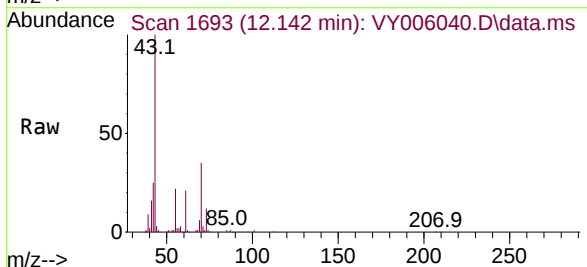
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

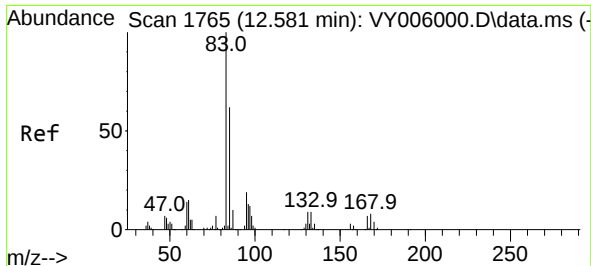
Tgt Ion:105 Resp: 149219  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.4 40.2



#74  
N-ethyl acetate  
Concen: 18.265 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 43 Resp: 49351  
Ion Ratio Lower Upper  
43 100  
70 36.1 28.7 43.1  
55 22.9 17.3 25.9  
61 21.5 17.0 25.6

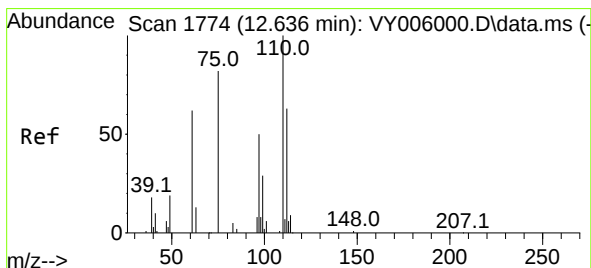
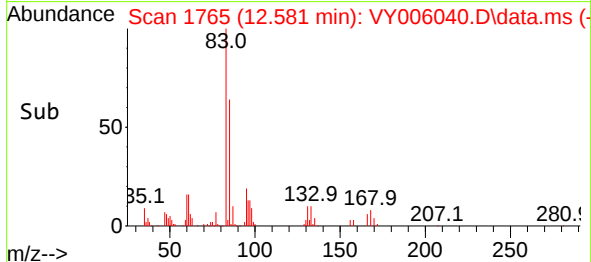
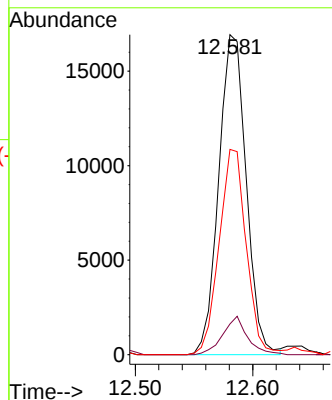
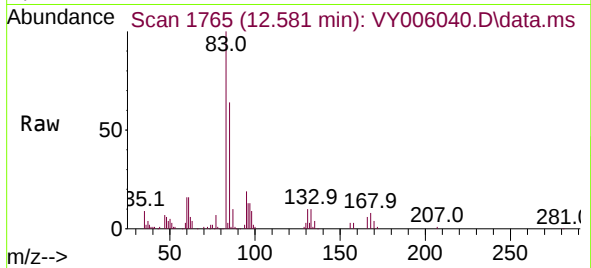




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.912 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

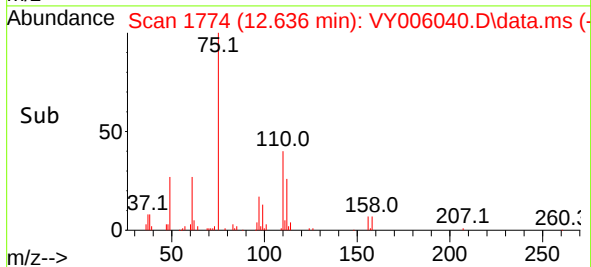
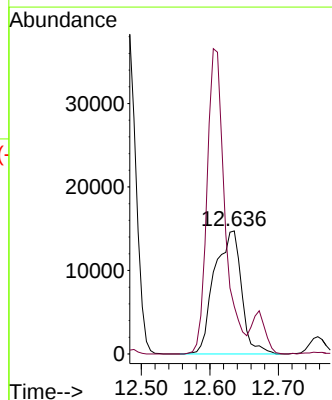
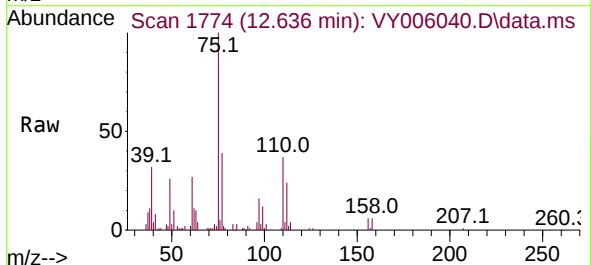
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

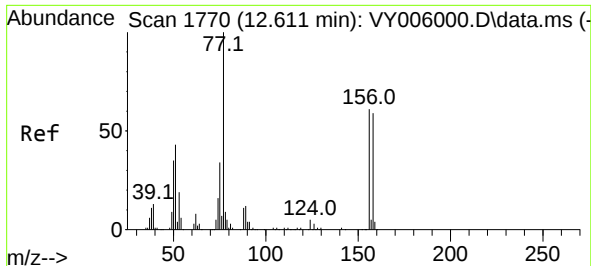
Tgt Ion: 83 Resp: 27532  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.6 16.8  
85 63.2 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 37.965 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 75 Resp: 40446  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

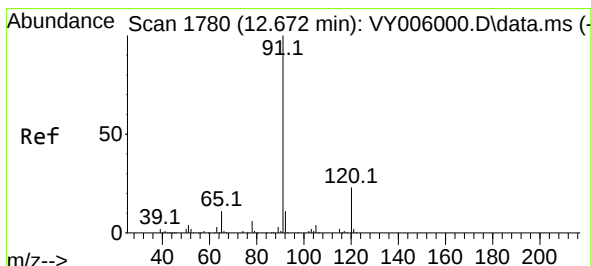
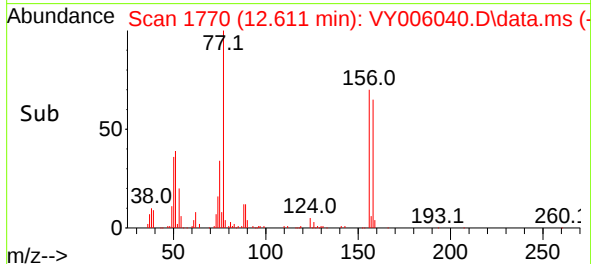
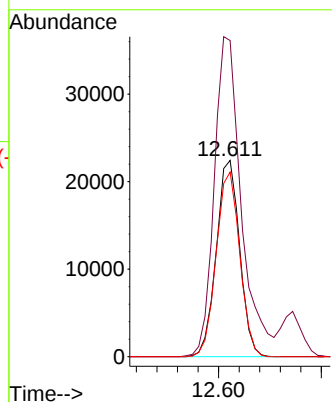
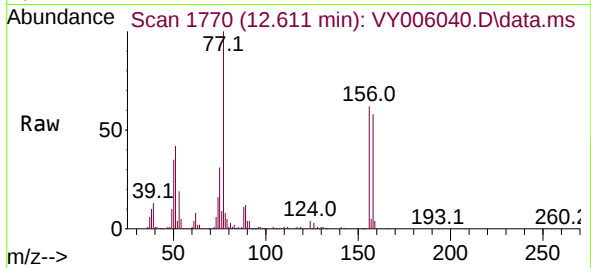




#77  
Bromobenzene  
Concen: 19.350 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

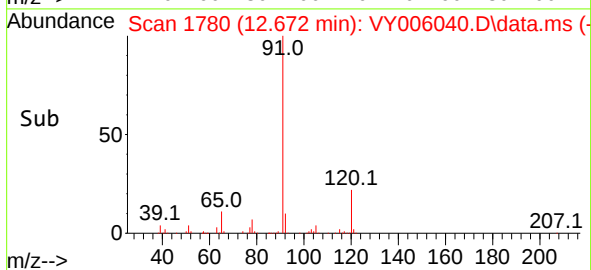
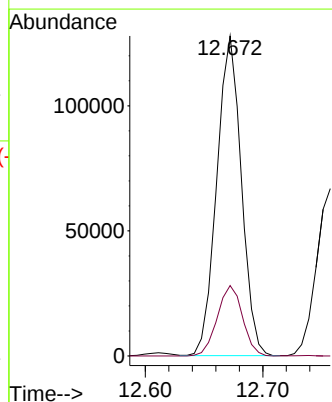
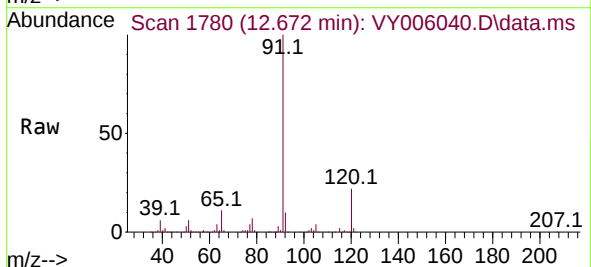
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

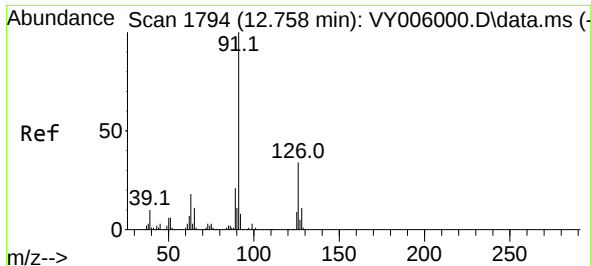
Tgt Ion:156 Resp: 35328  
Ion Ratio Lower Upper  
156 100  
77 188.4 95.5 286.4  
158 94.8 48.0 144.0



#78  
n-propylbenzene  
Concen: 19.168 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 91 Resp: 185572  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.3 33.9

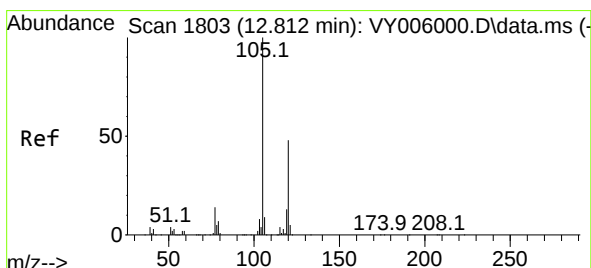
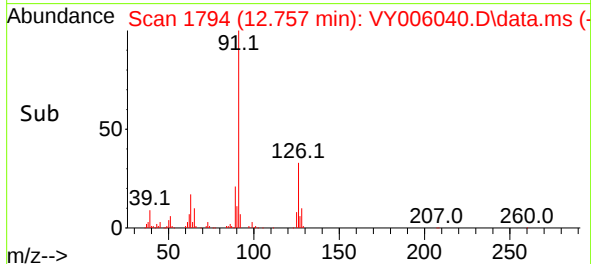
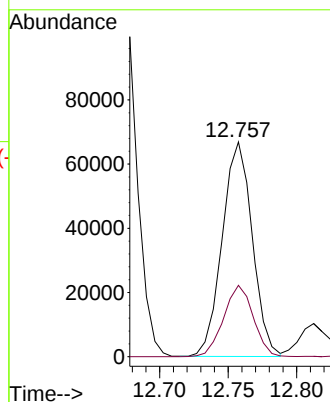
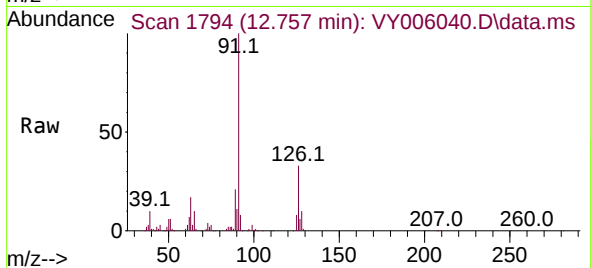




#79  
2-Chlorotoluene  
Concen: 19.384 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

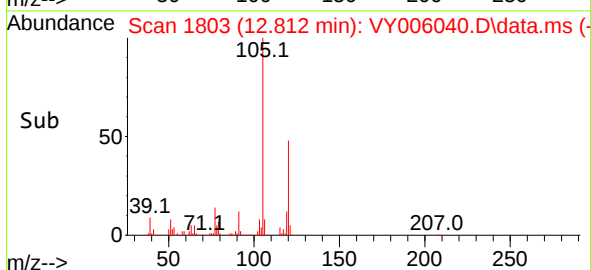
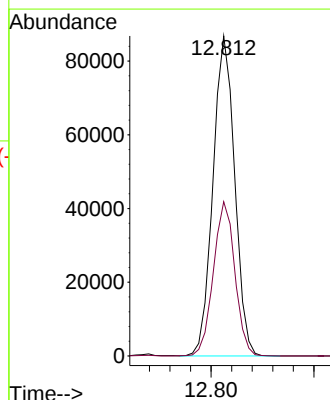
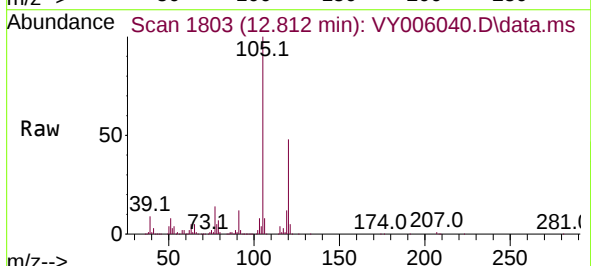
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

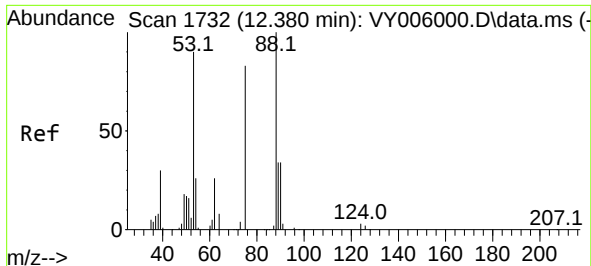
Tgt Ion: 91 Resp: 102030  
Ion Ratio Lower Upper  
91 100  
126 32.9 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 19.594 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 105 Resp: 127150  
Ion Ratio Lower Upper  
105 100  
120 47.7 24.4 73.4

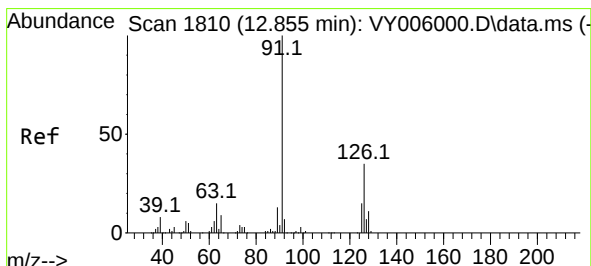
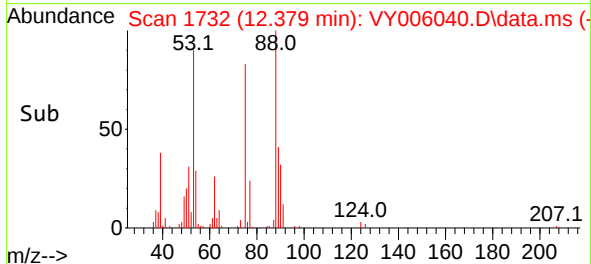
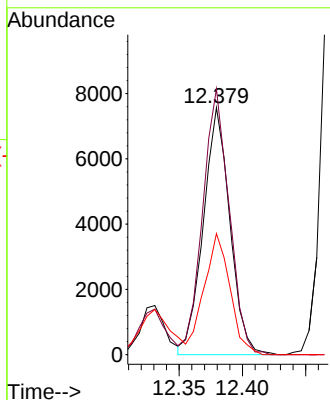
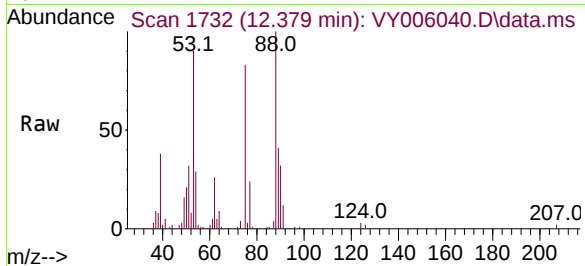




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.135 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

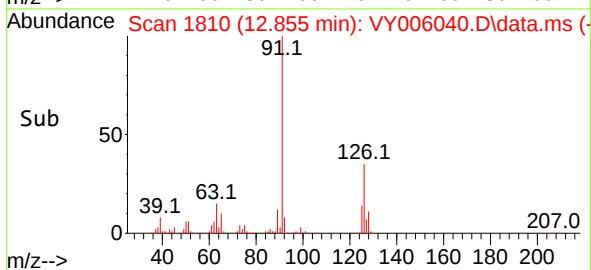
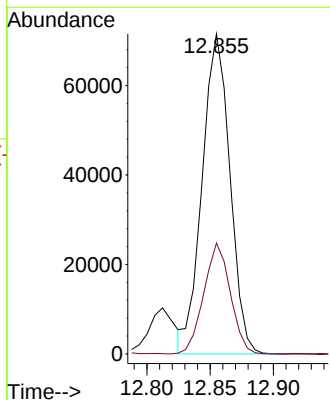
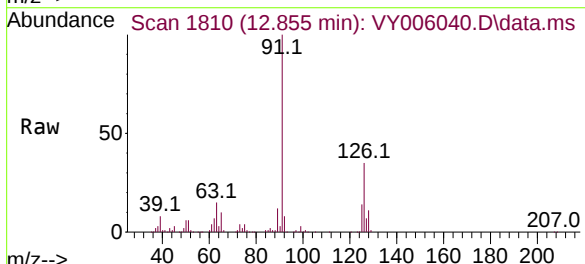
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

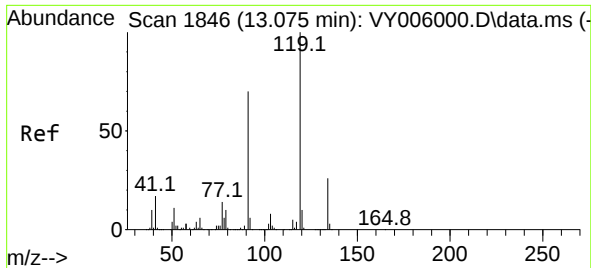
Tgt Ion: 75 Resp: 11088  
Ion Ratio Lower Upper  
75 100  
53 107.3 85.3 127.9  
89 47.6 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 20.060 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion: 91 Resp: 109145  
Ion Ratio Lower Upper  
91 100  
126 33.1 17.0 51.0

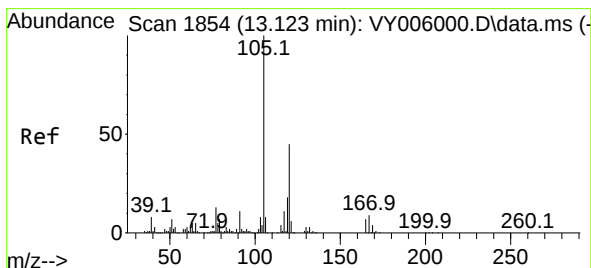
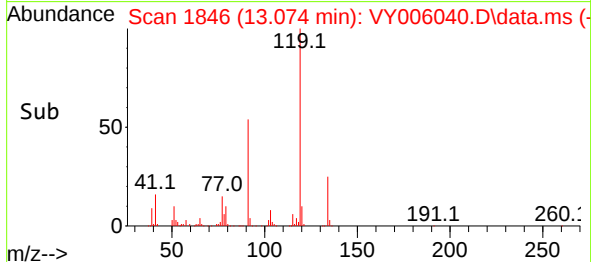
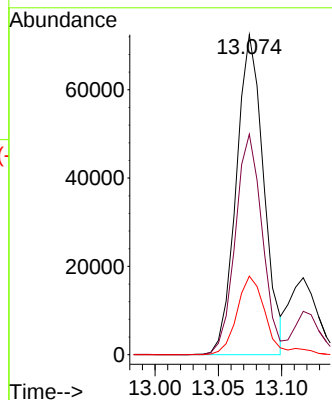
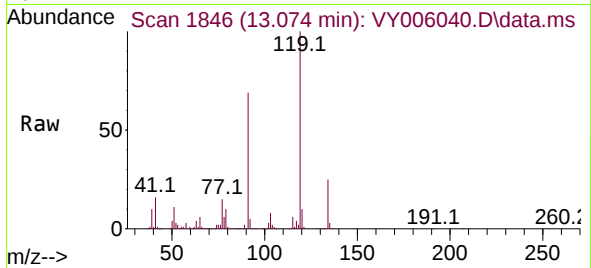




#83  
tert-Butylbenzene  
Concen: 19.759 ug/l  
RT: 13.074 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

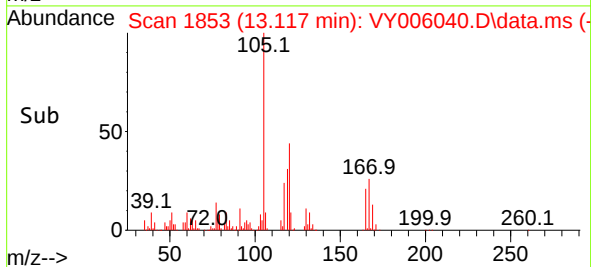
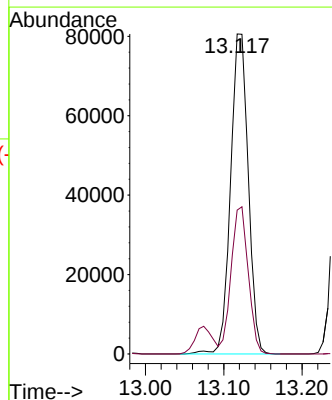
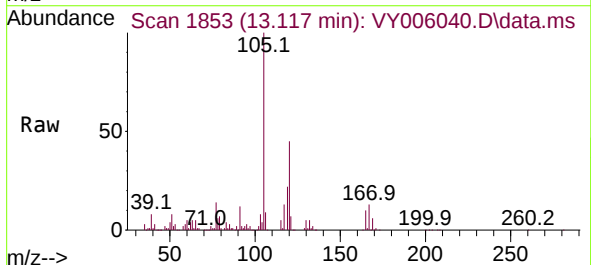
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

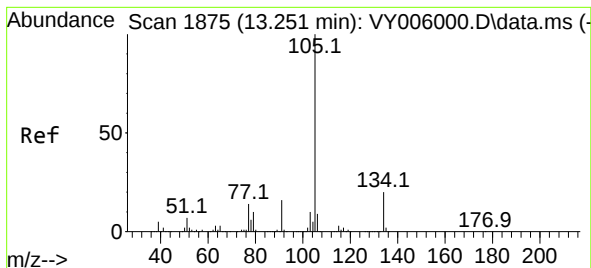
Tgt Ion:119 Resp: 109669  
Ion Ratio Lower Upper  
119 100  
91 67.5 34.8 104.4  
134 25.9 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 19.594 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion:105 Resp: 126152  
Ion Ratio Lower Upper  
105 100  
120 44.7 22.3 66.9

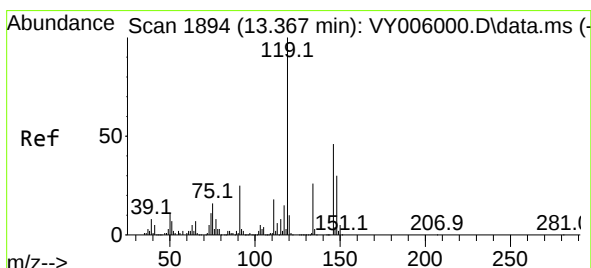
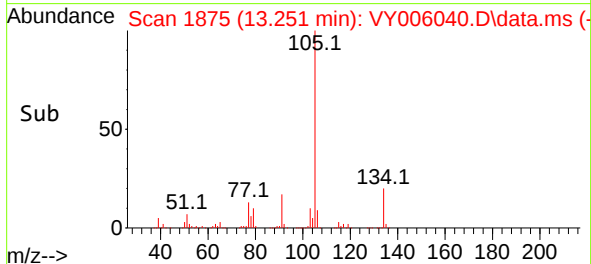
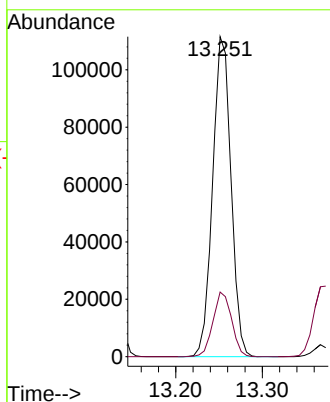
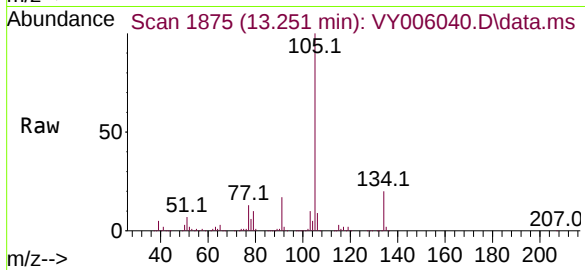




#85  
 sec-Butylbenzene  
 Concen: 19.747 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.000 min  
 Lab File: VY006040.D  
 Acq: 16 Sep 2021 12:14

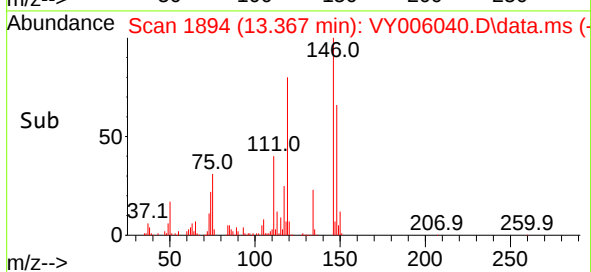
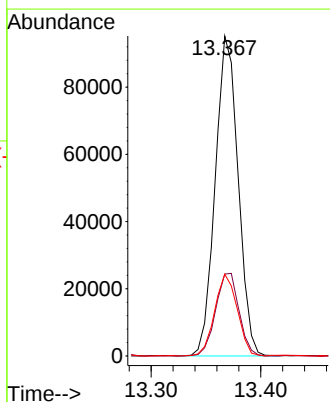
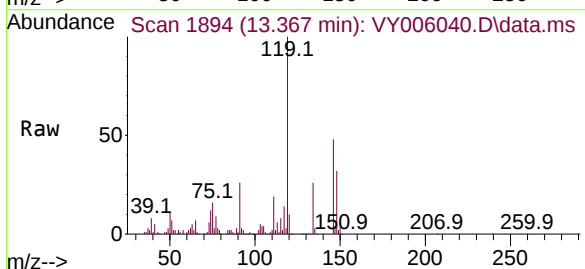
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0916SBS01

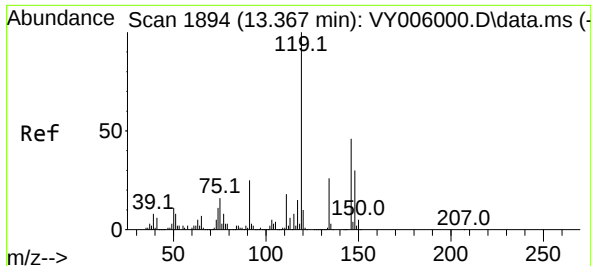
Tgt Ion:105 Resp: 164072  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 19.523 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.000 min  
 Lab File: VY006040.D  
 Acq: 16 Sep 2021 12:14

Tgt Ion:119 Resp: 138478  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.2 39.5  
 91 25.1 12.4 37.2

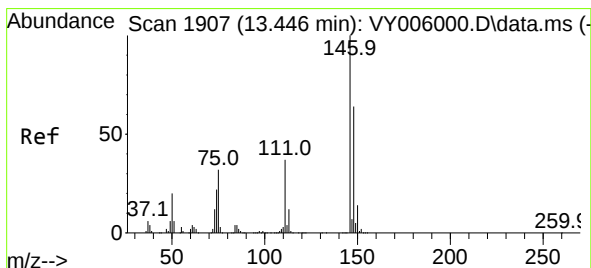
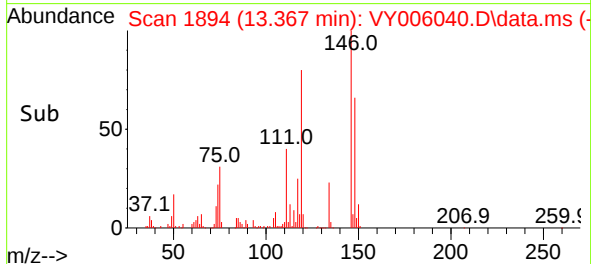
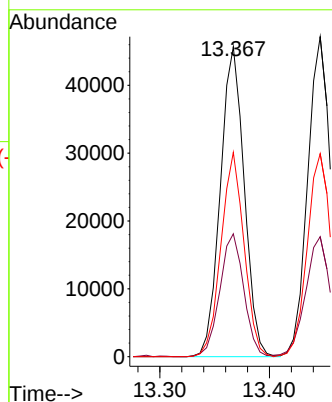
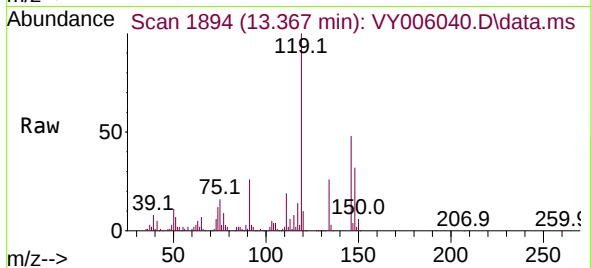




#87  
1,3-Dichlorobenzene  
Concen: 19.624 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

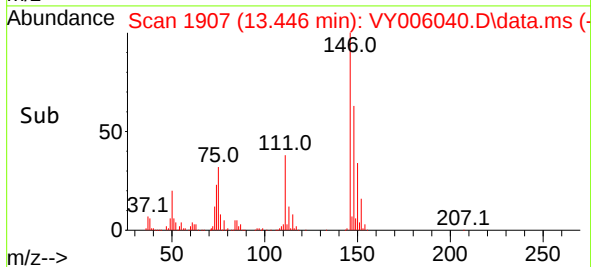
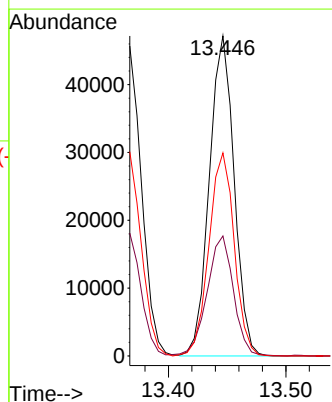
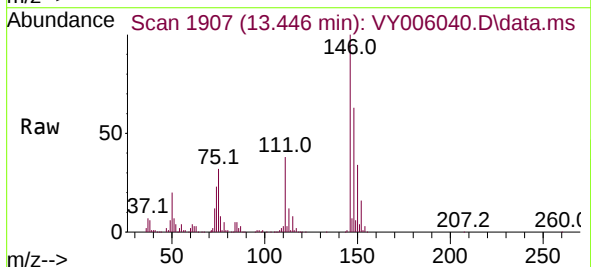
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

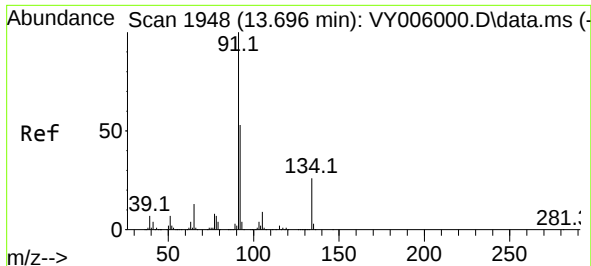
Tgt Ion:146 Resp: 69097  
Ion Ratio Lower Upper  
146 100  
111 39.8 19.5 58.5  
148 63.6 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 19.591 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Tgt Ion:146 Resp: 69190  
Ion Ratio Lower Upper  
146 100  
111 39.8 19.3 57.8  
148 64.8 32.6 97.8

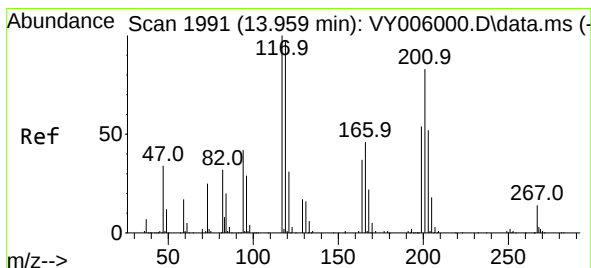
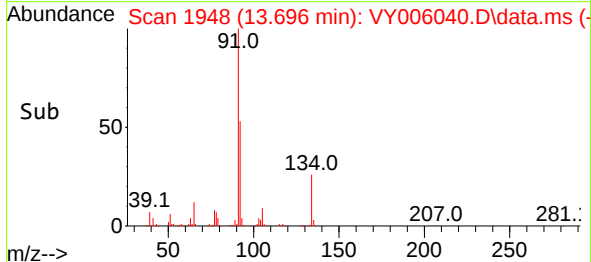
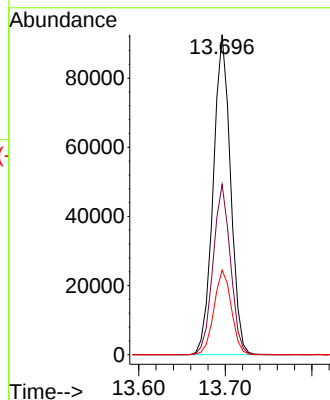
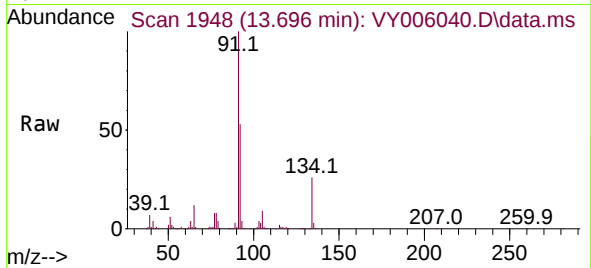




#89  
n-Butylbenzene  
Concen: 19.386 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

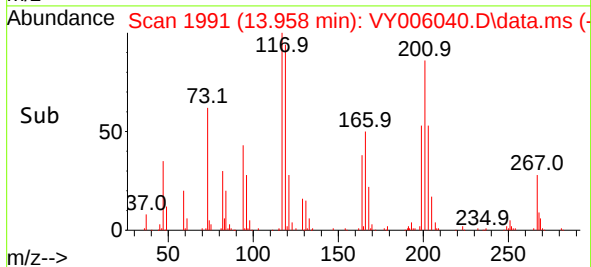
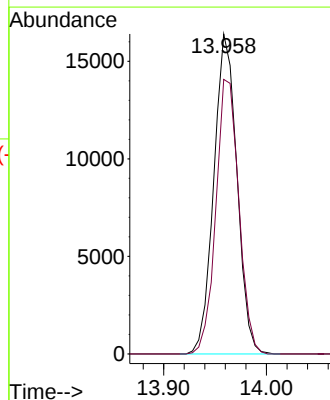
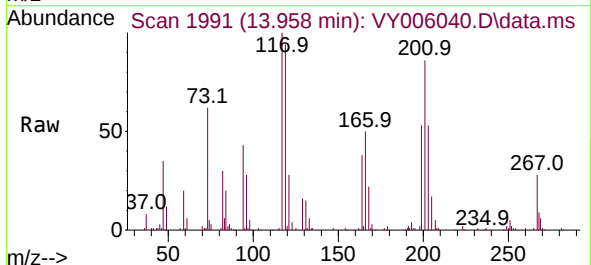
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

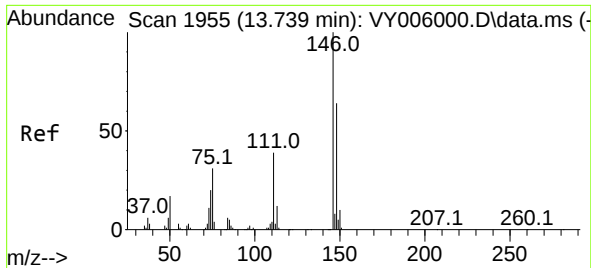
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 128591 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.4  | 26.3  | 78.9   |
| 134      | 26.5  | 13.0  | 38.9   |



#90  
Hexachloroethane  
Concen: 20.057 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 25602 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 85.1  | 43.0  | 128.8 |

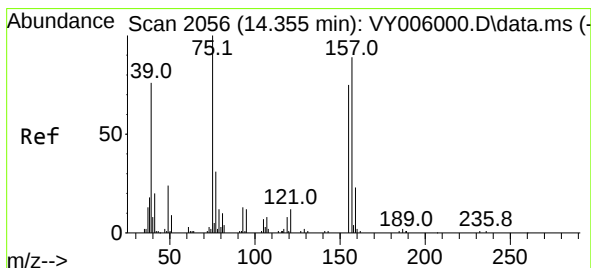
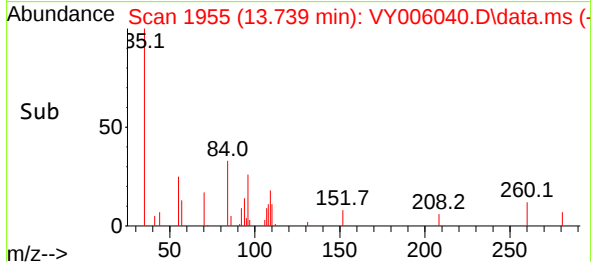
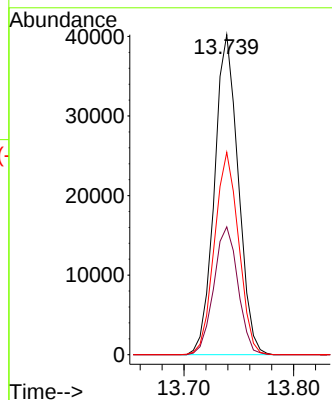
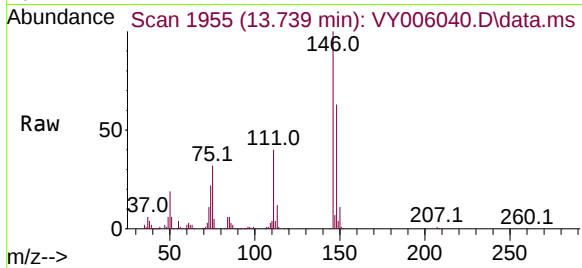




#91  
1,2-Dichlorobenzene  
Concen: 19.631 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

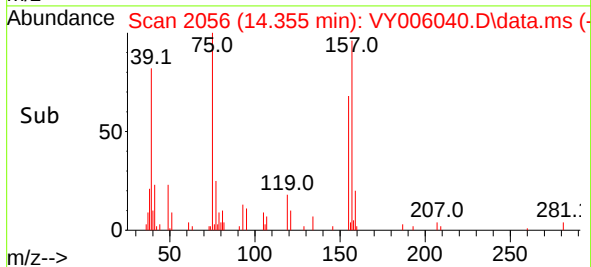
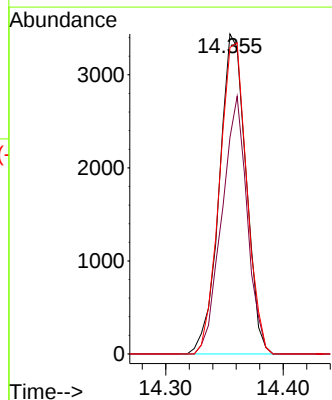
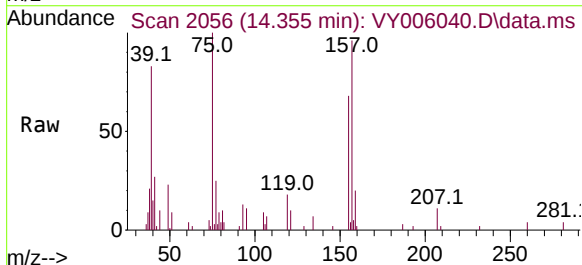
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

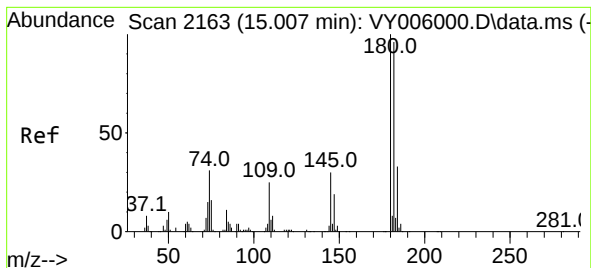
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 60678 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 40.5  | 20.3  | 60.9  |
| 148      | 64.1  | 32.3  | 96.9  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.776 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5423  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 76.4  | 38.0  | 113.9 |
| 157      | 99.2  | 47.8  | 143.3 |

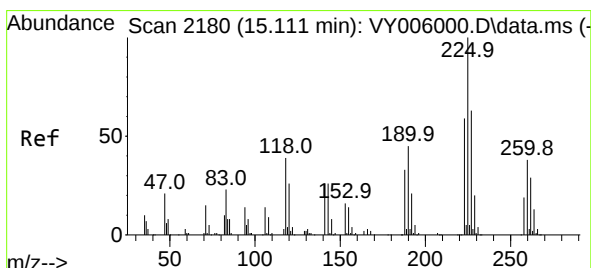
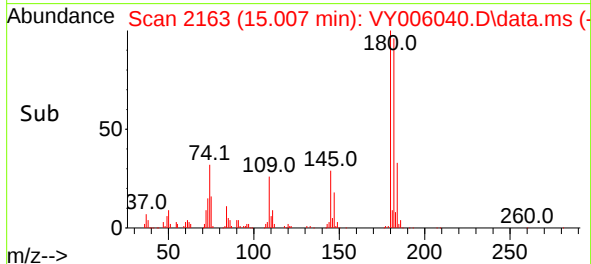
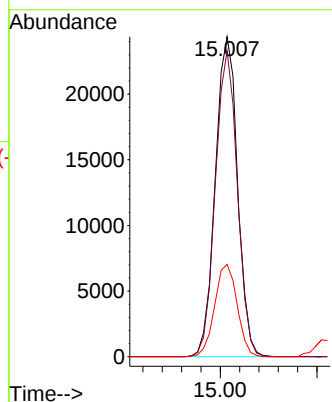
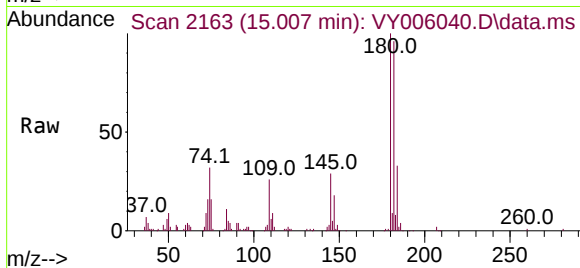




#93  
1,2,4-Trichlorobenzene  
Concen: 19.330 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

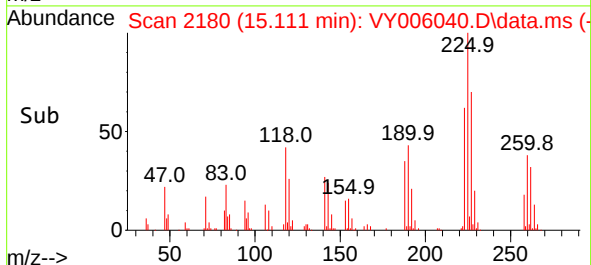
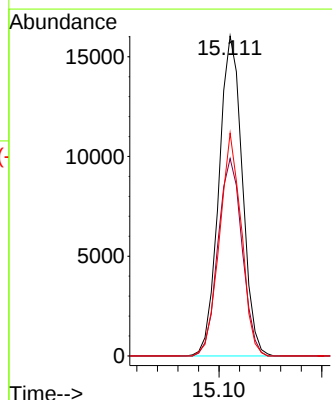
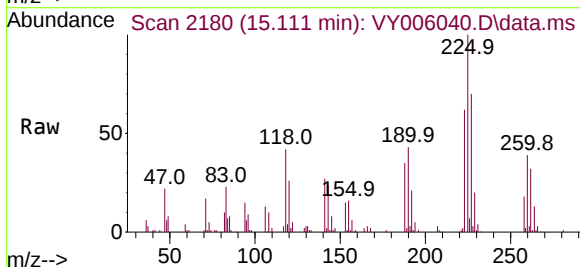
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBSD01

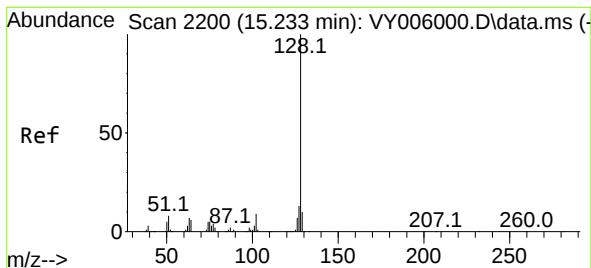
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 38801 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.4  | 47.3  | 141.9 |
| 145       | 29.3  | 14.6  | 43.8  |



#94  
Hexachlorobutadiene  
Concen: 19.496 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 25320 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.5  | 30.8  | 92.3  |
| 227       | 65.0  | 31.6  | 94.7  |

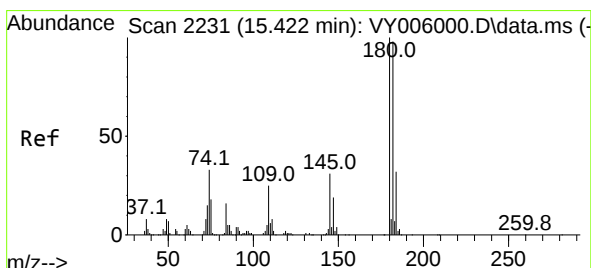
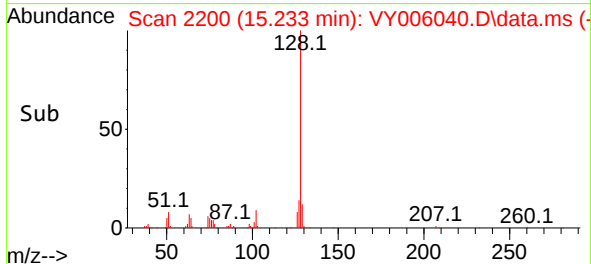
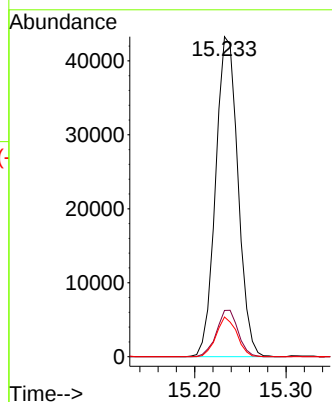
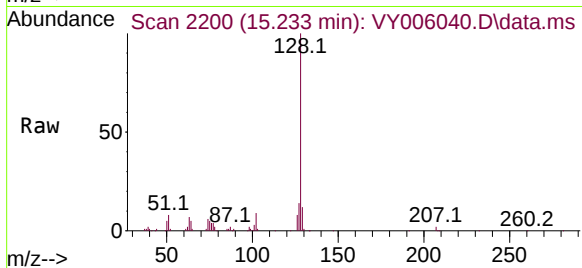




#95  
Naphthalene  
Concen: 18.417 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0916SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 73525 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 14.1  | 11.0  | 16.4  |
| 129       | 11.4  | 8.4   | 12.6  |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.158 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY006040.D  
Acq: 16 Sep 2021 12:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 33324 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.5  | 47.3  | 141.9 |
| 145       | 30.3  | 15.3  | 45.9  |

