

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090922\  
 Data File : VY010423.D  
 Acq On : 09 Sep 2022 17:23  
 Operator : KP/MD  
 Sample : VY0909SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0909SBS01

Quant Time: Sep 09 23:59:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090922S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 09 17:08:30 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 249452   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 390992   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 351477   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 178411   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 128616   | 51.193   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 102.380% |      |
| 35) Dibromofluoromethane    | 7.710  | 113   | 128880   | 46.412   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 92.820%  |      |
| 50) Toluene-d8              | 10.173 | 98    | 482851   | 53.653   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 107.300% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 170041   | 47.340   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 94.680%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 45406  | 24.199  | ug/l   | 97  |
| 3) Chloromethane             | 2.107 | 50  | 65556  | 23.391  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.241 | 62  | 79702  | 23.051  | ug/l   | 98  |
| 5) Bromomethane              | 2.631 | 94  | 56254  | 23.223  | ug/l   | 96  |
| 6) Chloroethane              | 2.784 | 64  | 51574  | 22.300  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 98595  | 22.512  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.515 | 74  | 29944  | 21.110  | ug/l   | 81  |
| 9) 1,1,2-Trichlorotrifluo... | 3.887 | 101 | 56949  | 22.208  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.076 | 142 | 63926  | 20.146  | ug/l   | 91  |
| 11) Tert butyl alcohol       | 4.942 | 59  | 36068  | 115.177 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 3.857 | 96  | 52965  | 22.017  | ug/l   | 83  |
| 13) Acrolein                 | 3.716 | 56  | 24607  | 102.665 | ug/l   | 99  |
| 14) Allyl chloride           | 4.472 | 41  | 72512  | 20.932  | ug/l # | 93  |
| 15) Acrylonitrile            | 5.155 | 53  | 71321  | 103.867 | ug/l   | 99  |
| 16) Acetone                  | 3.936 | 43  | 63917  | 110.858 | ug/l   | 91  |
| 17) Carbon Disulfide         | 4.180 | 76  | 146954 | 22.589  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.466 | 43  | 38209  | 21.541  | ug/l # | 86  |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 139052 | 20.931  | ug/l   | 95  |
| 20) Methylene Chloride       | 4.704 | 84  | 71643  | 21.783  | ug/l # | 84  |
| 21) trans-1,2-Dichloroethene | 5.210 | 96  | 59001  | 21.600  | ug/l   | 85  |
| 22) Diisopropyl ether        | 6.112 | 45  | 161615 | 20.897  | ug/l # | 93  |
| 23) Vinyl Acetate            | 6.051 | 43  | 490562 | 103.506 | ug/l # | 91  |
| 24) 1,1-Dichloroethane       | 6.003 | 63  | 100829 | 21.535  | ug/l   | 99  |
| 25) 2-Butanone               | 6.978 | 43  | 98285  | 107.264 | ug/l # | 86  |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 93022  | 20.821  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 69102  | 21.764  | ug/l   | 85  |
| 28) Bromochloromethane       | 7.326 | 49  | 25225  | 16.804  | ug/l # | 77  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 59520  | 104.079 | ug/l # | 82  |
| 30) Chloroform               | 7.496 | 83  | 106475 | 21.439  | ug/l   | 98  |
| 31) Cyclohexane              | 7.777 | 56  | 92001  | 21.676  | ug/l # | 87  |
| 32) 1,1,1-Trichloroethane    | 7.697 | 97  | 98631  | 21.932  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 81593  | 21.463  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.069 | 43  | 40804  | 20.418  | ug/l # | 92  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 89903  | 21.257  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.179 | 83  | 100545 | 21.212  | ug/l   | 88  |
| 40) Benzene                  | 8.155 | 78  | 232306 | 21.228  | ug/l   | 96  |

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 ALS Vial : 17 Sample Multiplier: 1

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 Quant Title : SW846 8260  
 QLast Update : Fri Sep 09 17:08:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 56248    | 49.234  | ug/l # | 17       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 67929    | 20.874  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 73763    | 20.169  | ug/l # | 88       |
| 44) Trichloroethene           | 8.935  | 130  | 67340    | 20.905  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 55643    | 20.848  | ug/l   | 99       |
| 46) Dibromomethane            | 9.301  | 93   | 33715    | 20.948  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.490  | 83   | 80121    | 20.958  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.289  | 41   | 33676    | 20.502  | ug/l # | 82       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 8513     | 399.564 | ug/l   | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 202793   | 101.090 | ug/l   | 89       |
| 52) Toluene                   | 10.240 | 92   | 149943   | 20.938  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 81196    | 20.638  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 91910    | 20.712  | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 47761    | 20.861  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 60948    | 20.270  | ug/l # | 81       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 79872    | 20.981  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 126378   | 140.180 | ug/l   | 92       |
| 59) 2-Hexanone                | 10.831 | 43   | 139945   | 102.341 | ug/l   | 88       |
| 60) Dibromochloromethane      | 10.983 | 129  | 58244    | 20.818  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 46347    | 20.854  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 67644    | 21.352  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 163578   | 20.811  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 61204    | 21.024  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.587 | 91   | 289225   | 20.790  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.703 | 106  | 229252   | 41.976  | ug/l   | 93       |
| 69) o-Xylene                  | 12.026 | 106  | 108208   | 20.750  | ug/l   | 92       |
| 70) Styrene                   | 12.044 | 104  | 181638   | 20.579  | ug/l   | 95       |
| 71) Bromoform                 | 12.209 | 173  | 36843    | 20.242  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.325 | 105  | 288675   | 20.738  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 62650    | 19.289  | ug/l # | 86       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 53557    | 20.567  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 70083    | 35.592  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 68964    | 20.908  | ug/l   | 90       |
| 78) n-propylbenzene           | 12.666 | 91   | 344608   | 20.906  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 191998   | 20.735  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 243681   | 20.747  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 17105    | 19.288  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 198851   | 20.643  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 214438   | 20.888  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 241377   | 21.004  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 314777   | 20.708  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 267017   | 20.767  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 137276   | 20.725  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 134836   | 20.558  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 241475   | 20.690  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 49945    | 20.688  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 119739   | 20.411  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 8737     | 19.878  | ug/l   | 74       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 73974    | 20.302  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 46037    | 20.941  | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 143453   | 19.961  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 63180    | 19.864  | ug/l   | 98       |

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Quant Title : SW846 8260  
QLast Update : Fri Sep 09 17:08:30 2022  
Response via : Initial Calibration

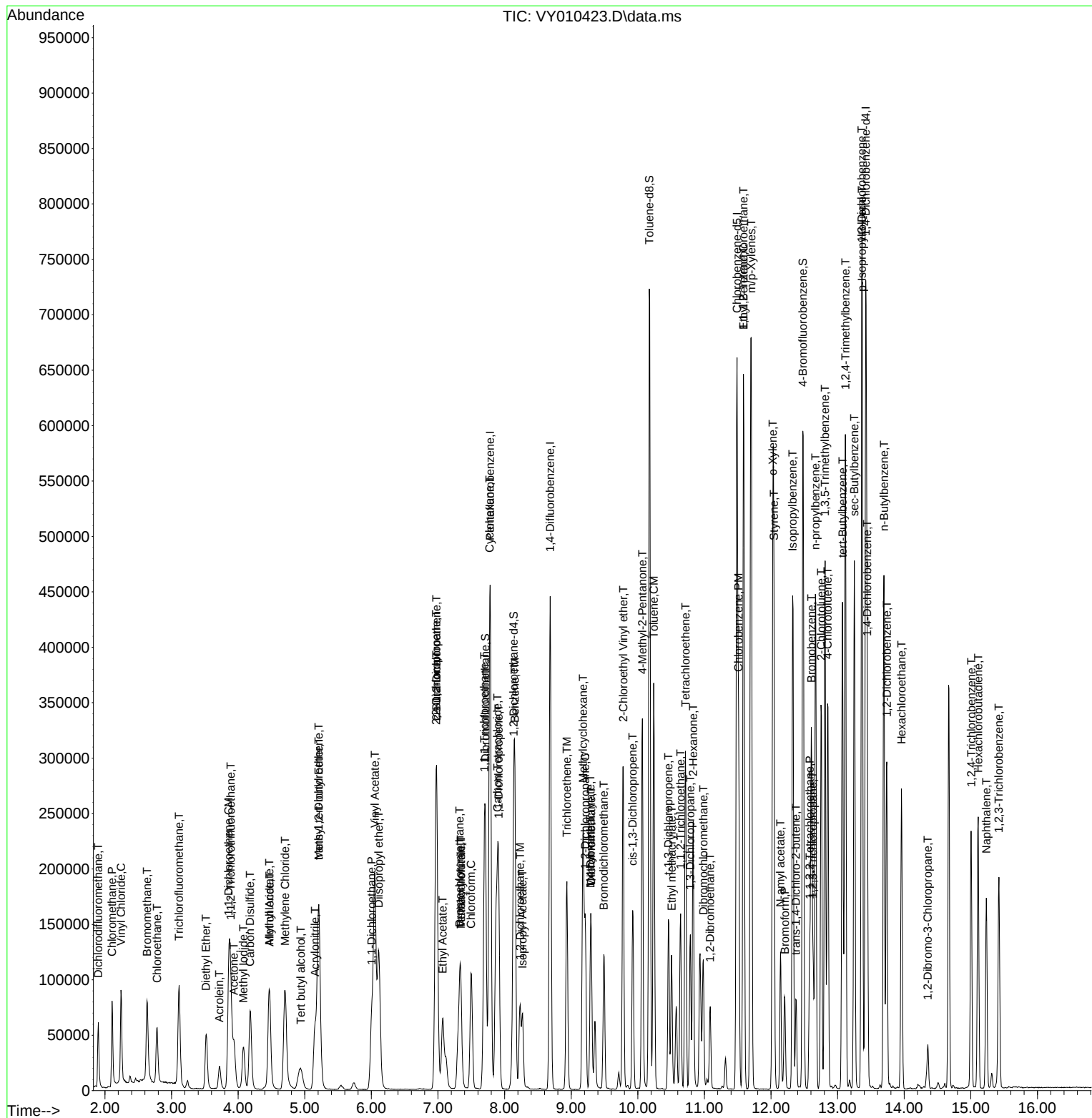
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

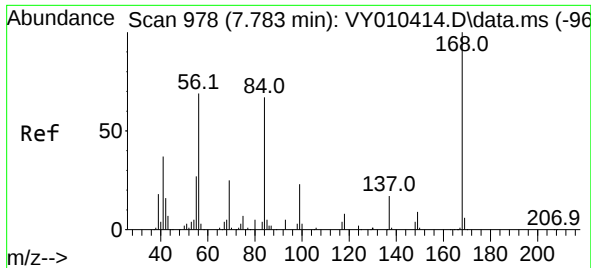
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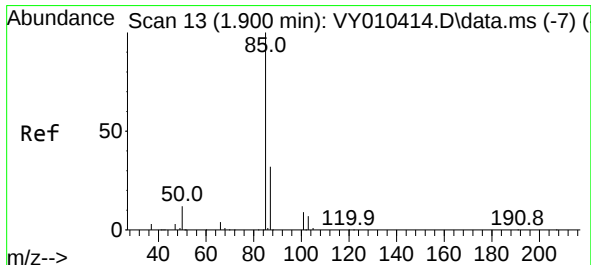
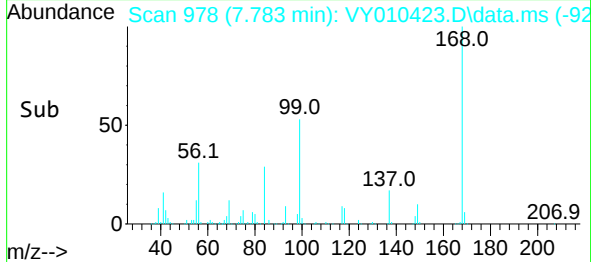
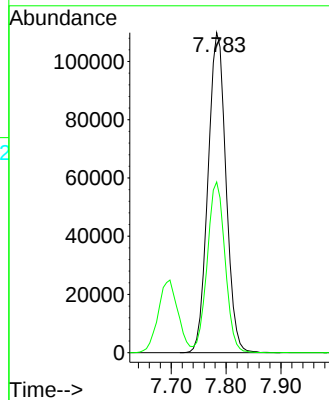
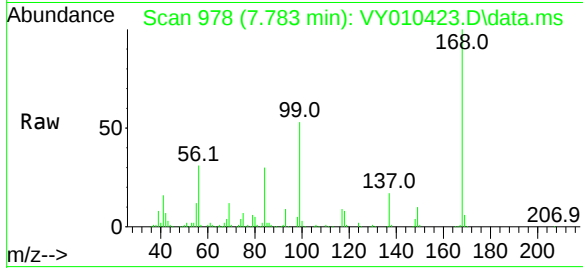




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

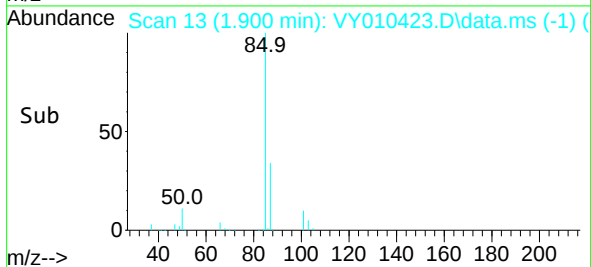
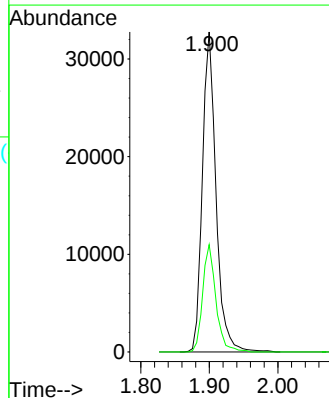
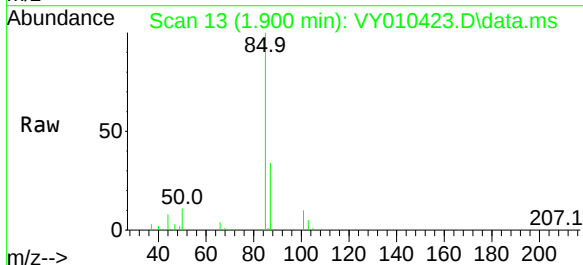
Instrument :  
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VY0909SBS01

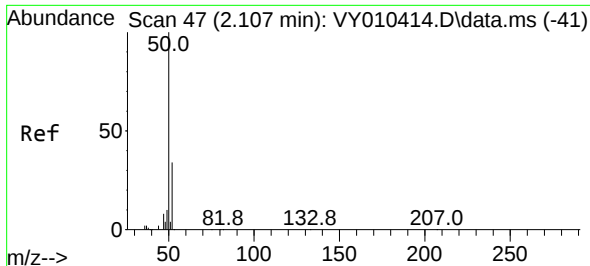
Tgt Ion:168 Resp: 249452  
Ion Ratio Lower Upper  
168 100  
99 53.4 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 24.199 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 85 Resp: 45406  
Ion Ratio Lower Upper  
85 100  
87 33.5 16.1 48.2

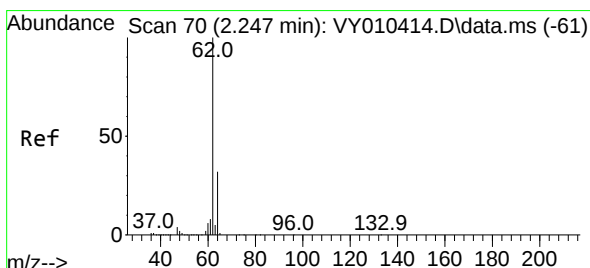
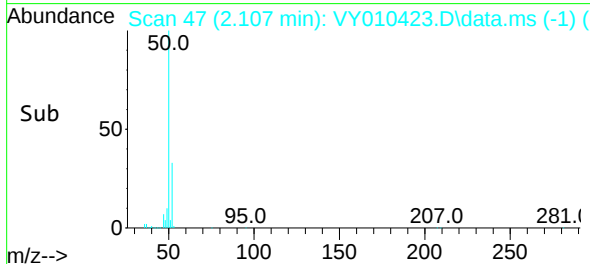
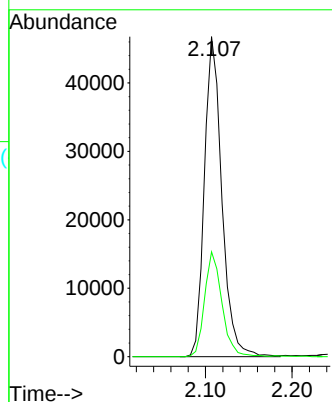
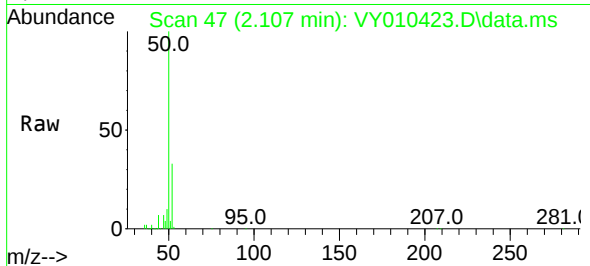




#3  
Chloromethane  
Concen: 23.391 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

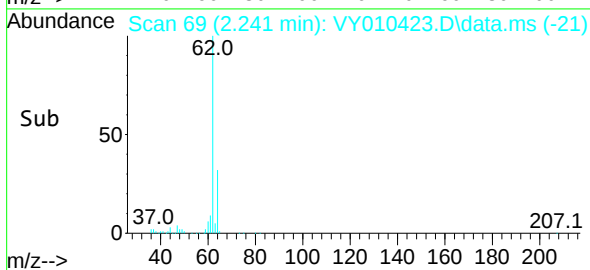
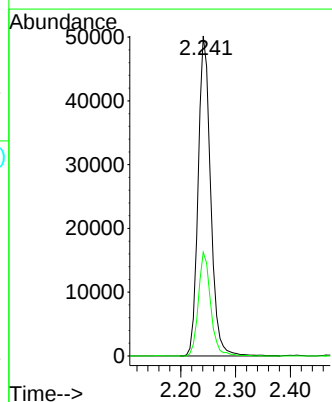
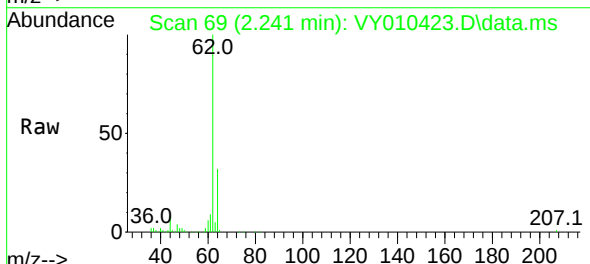
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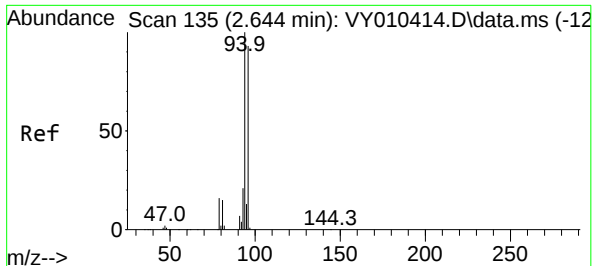
Tgt Ion: 50 Resp: 65556  
Ion Ratio Lower Upper  
50 100  
52 32.8 24.6 37.0



#4  
Vinyl Chloride  
Concen: 23.051 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. -0.006 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 62 Resp: 79702  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.0 37.6

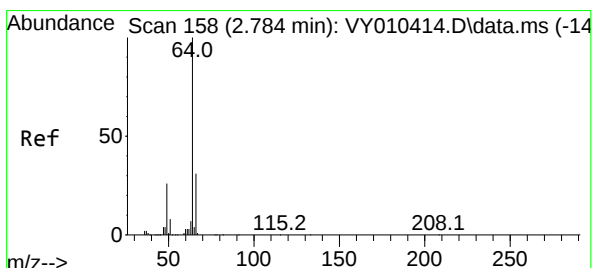
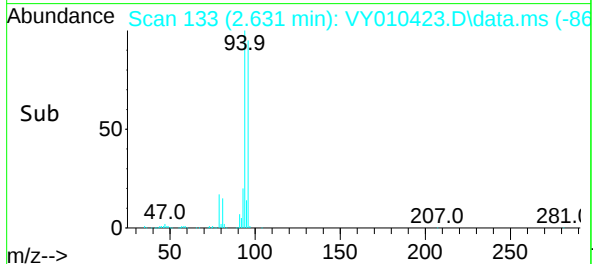
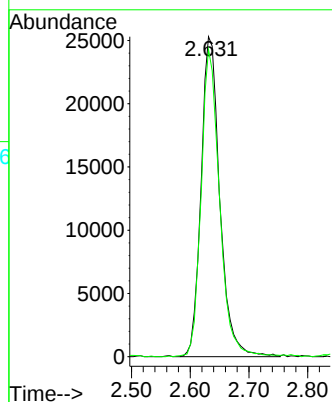
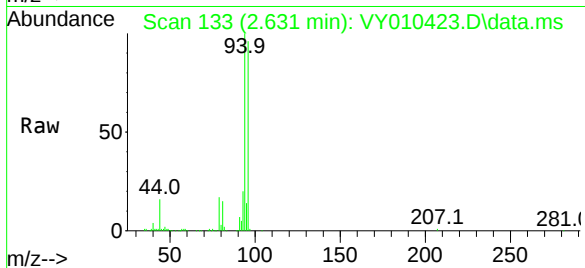




#5  
Bromomethane  
Concen: 23.223 ug/l  
RT: 2.631 min Scan# 11  
Delta R.T. -0.013 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

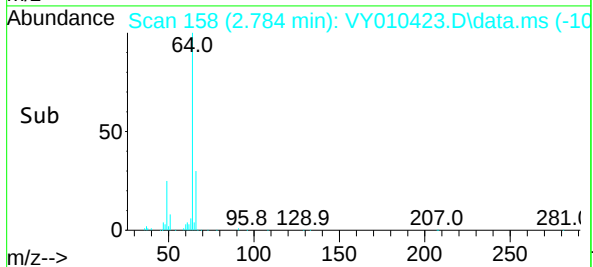
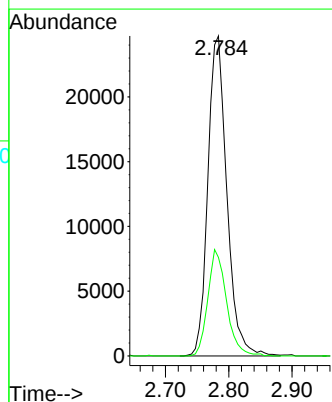
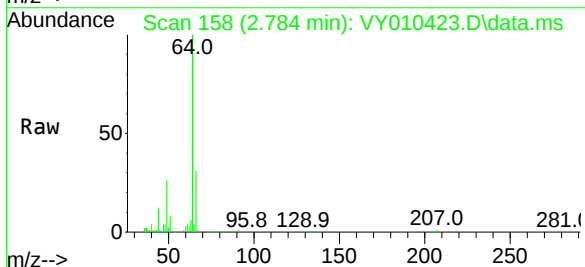
Instrument :  
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VY0909SBS01

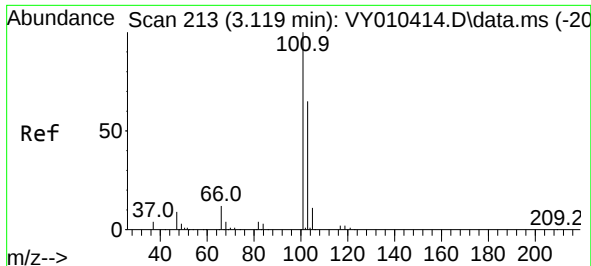
Tgt Ion: 94 Resp: 56254  
Ion Ratio Lower Upper  
94 100  
96 95.7 73.5 110.3



#6  
Chloroethane  
Concen: 22.300 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 64 Resp: 51574  
Ion Ratio Lower Upper  
64 100  
66 30.8 25.4 38.0

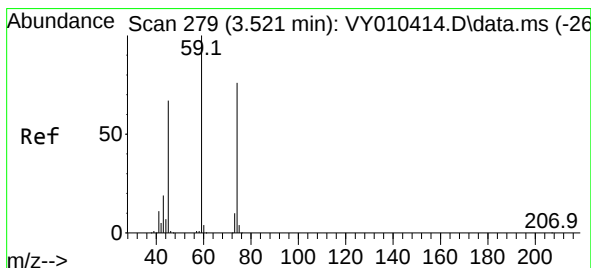
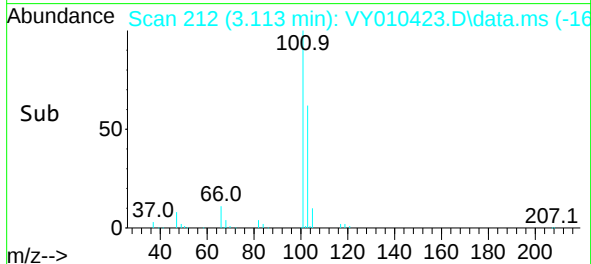
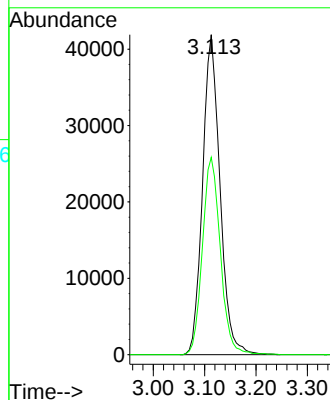
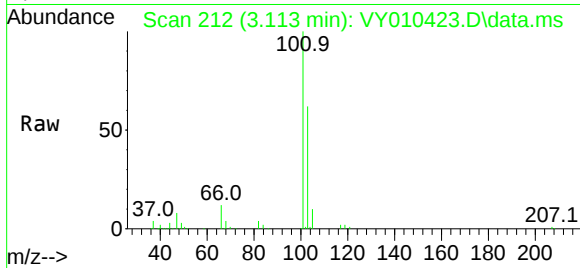




#7  
 Trichlorofluoromethane  
 Concen: 22.512 ug/l  
 RT: 3.113 min Scan# 213  
 Delta R.T. -0.006 min  
 Lab File: VY010423.D  
 Acq: 09 Sep 2022 17:23

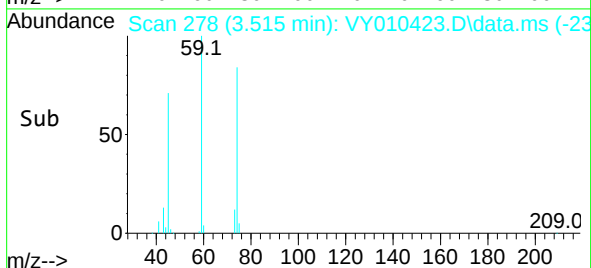
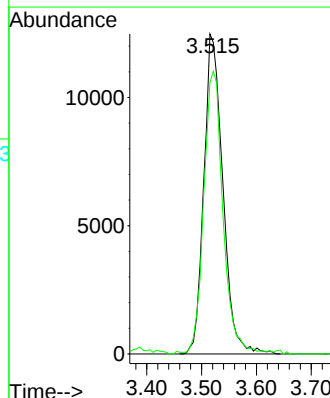
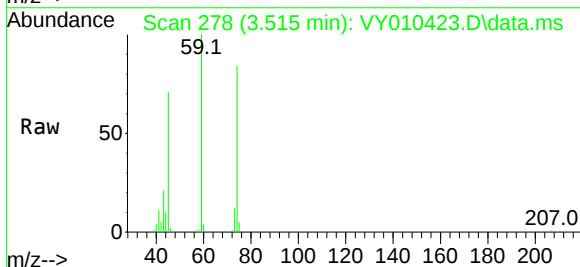
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0909SBS01

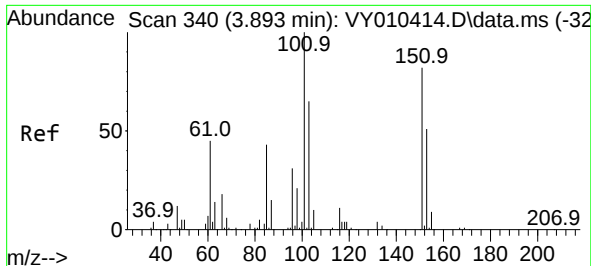
Tgt Ion: 101 Resp: 98595  
 Ion Ratio Lower Upper  
 101 100  
 103 61.7 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 21.110 ug/l  
 RT: 3.515 min Scan# 278  
 Delta R.T. -0.006 min  
 Lab File: VY010423.D  
 Acq: 09 Sep 2022 17:23

Tgt Ion: 74 Resp: 29944  
 Ion Ratio Lower Upper  
 74 100  
 45 90.1 55.1 165.5

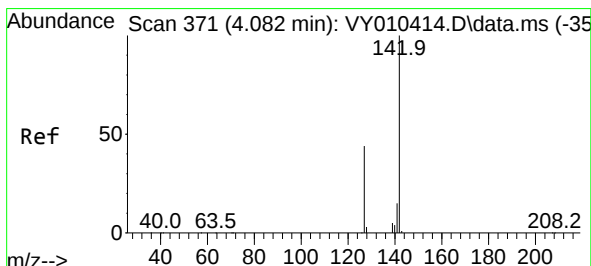
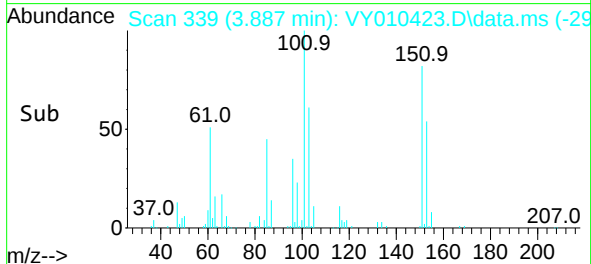
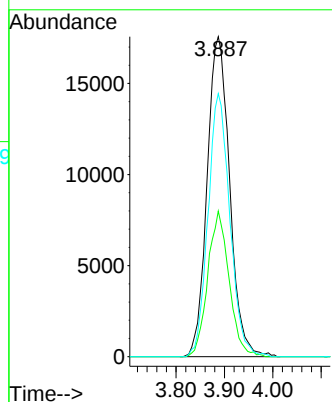
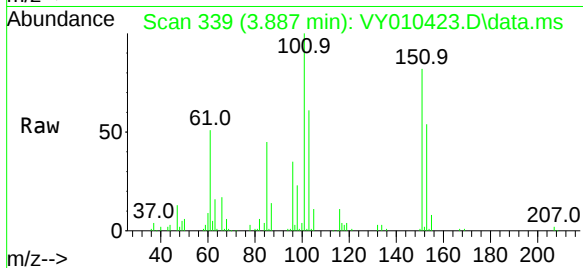




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.208 ug/l  
RT: 3.887 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

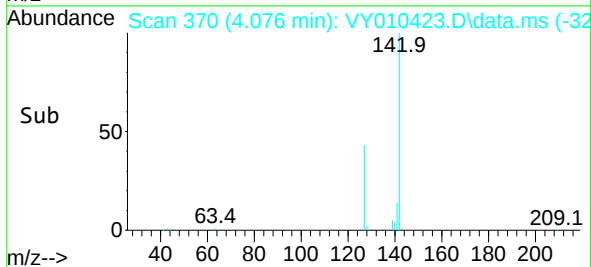
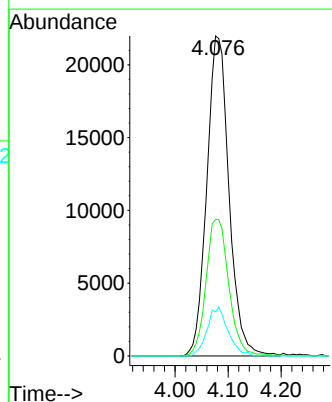
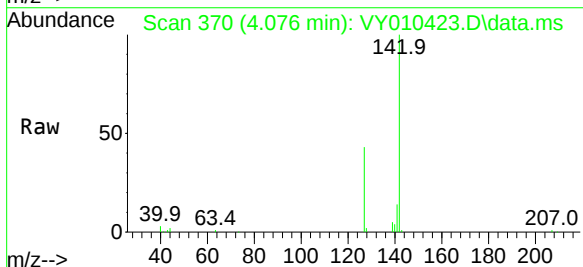
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

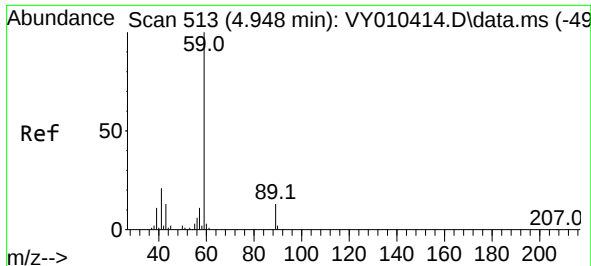
Tgt Ion:101 Resp: 56949  
Ion Ratio Lower Upper  
101 100  
85 43.0 40.6 60.8  
151 79.6 64.9 97.3



#10  
Methyl Iodide  
Concen: 20.146 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. -0.006 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion:142 Resp: 63926  
Ion Ratio Lower Upper  
142 100  
127 43.8 41.5 62.3  
141 14.4 11.9 17.9

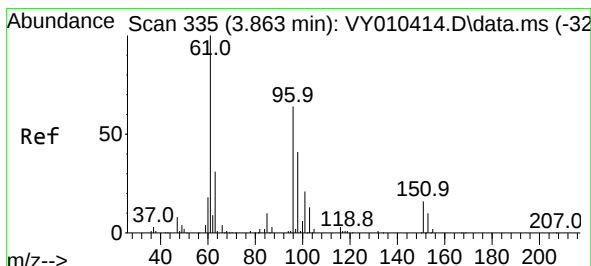
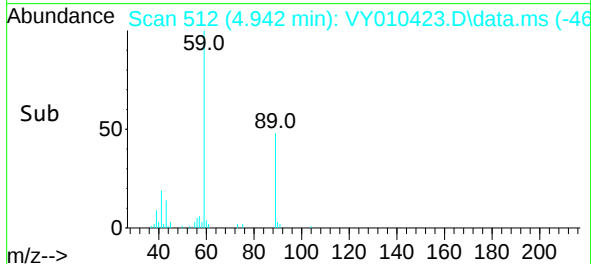
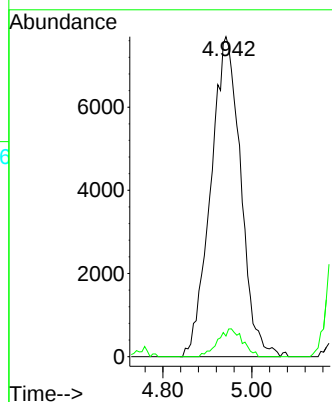
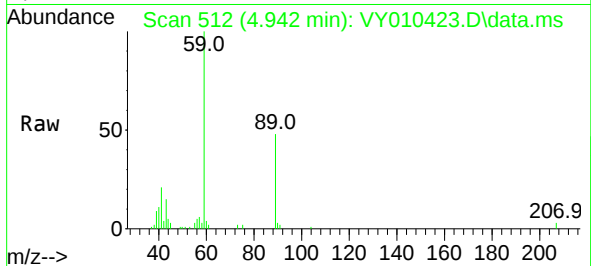




#11  
Tert butyl alcohol  
Concen: 115.177 ug/l  
RT: 4.942 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

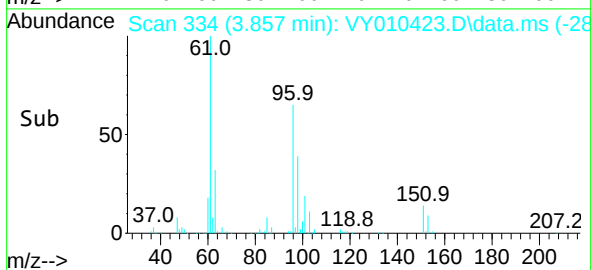
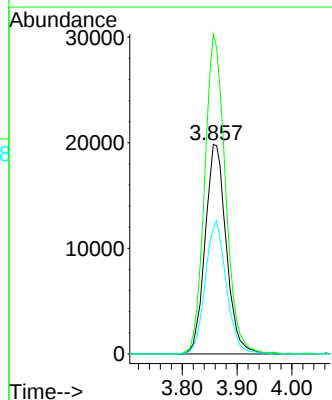
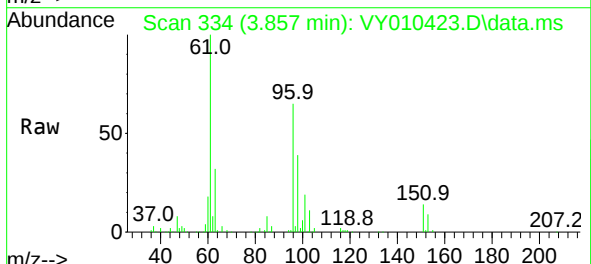
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

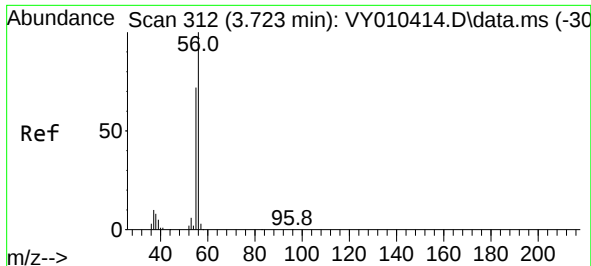
Tgt Ion: 59 Resp: 36068  
Ion Ratio Lower Upper  
59 100  
57 7.2 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 22.017 ug/l  
RT: 3.857 min Scan# 334  
Delta R.T. -0.006 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 96 Resp: 52965  
Ion Ratio Lower Upper  
96 100  
61 152.7 145.8 218.6  
98 59.8 52.5 78.7

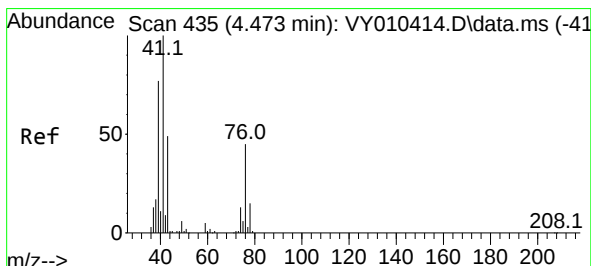
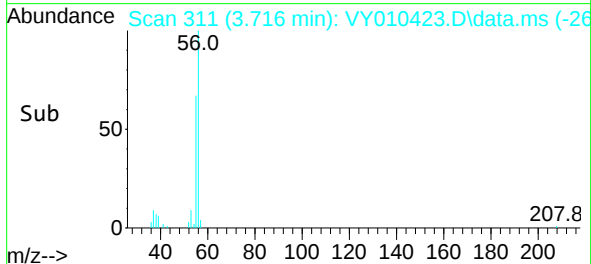
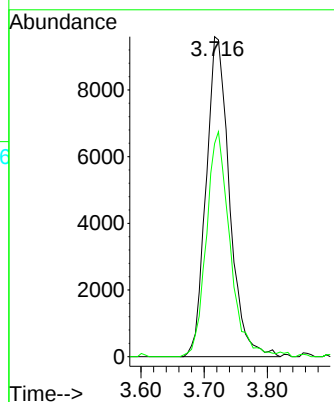
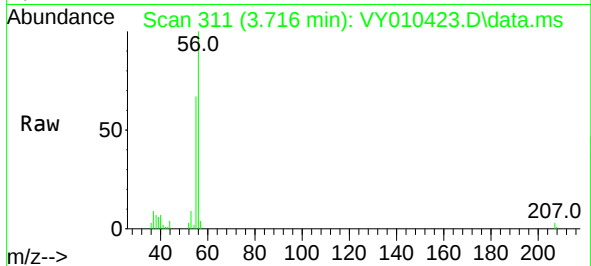




#13  
Acrolein  
Concen: 102.665 ug/l  
RT: 3.716 min Scan# 311  
Delta R.T. -0.007 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

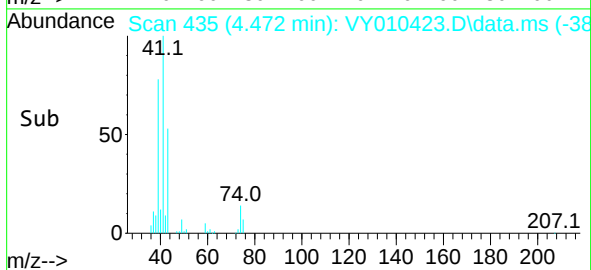
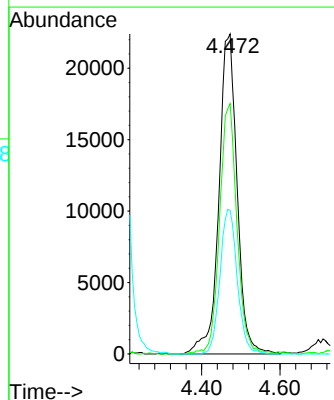
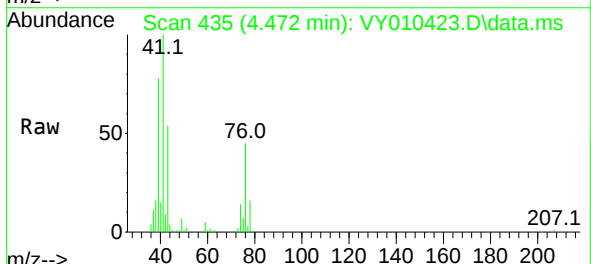
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

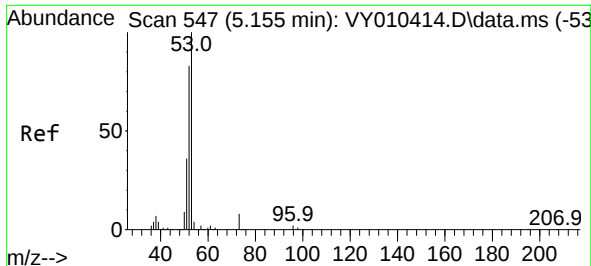
Tgt Ion: 56 Resp: 24607  
Ion Ratio Lower Upper  
56 100  
55 71.0 57.6 86.4



#14  
Allyl chloride  
Concen: 20.932 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.001 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 41 Resp: 72512  
Ion Ratio Lower Upper  
41 100  
39 74.7 58.8 88.2  
76 42.8 25.1 37.7#

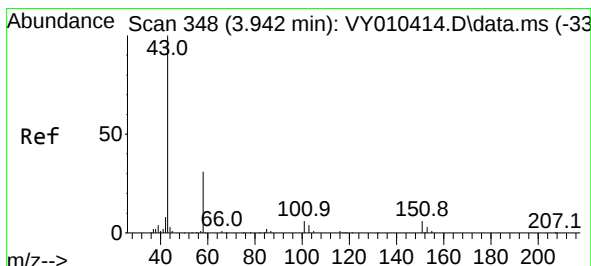
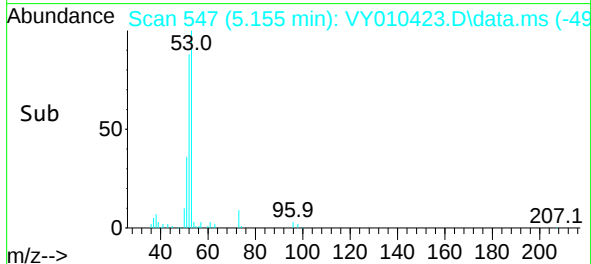
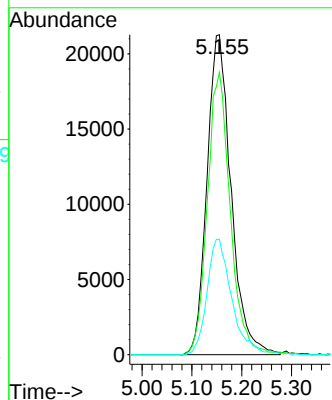
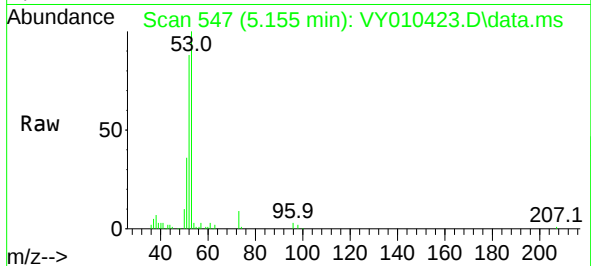




#15  
Acrylonitrile  
Concen: 103.867 ug/l  
RT: 5.155 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

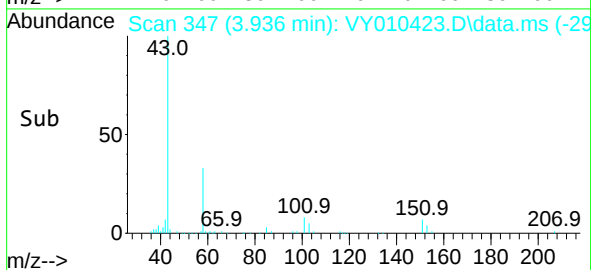
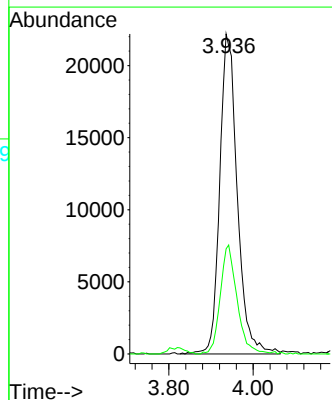
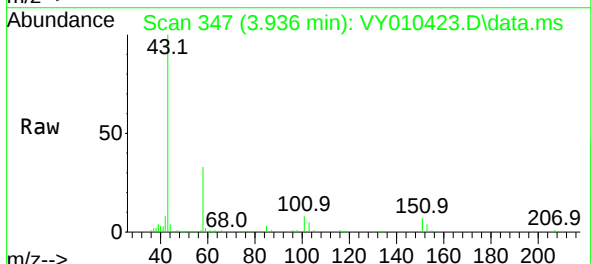
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

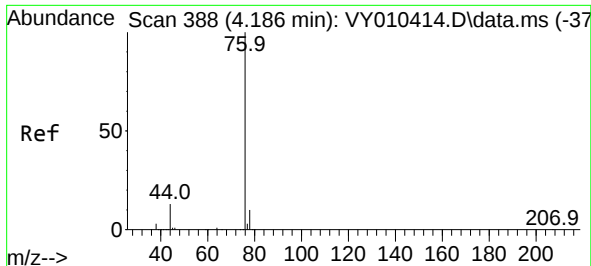
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 71321 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 84.1     | 67.0 100.4  |
| 51 36.7     | 29.8 44.6   |



#16  
Acetone  
Concen: 110.858 ug/l  
RT: 3.936 min Scan# 347  
Delta R.T. -0.006 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 63917 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 32.3     | 22.0 33.0   |

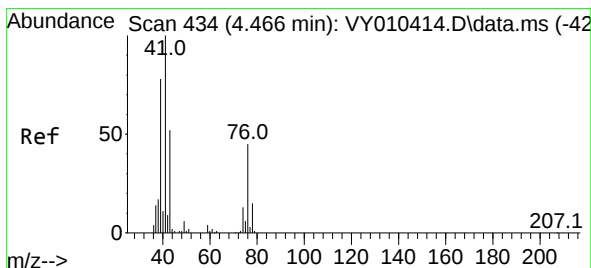
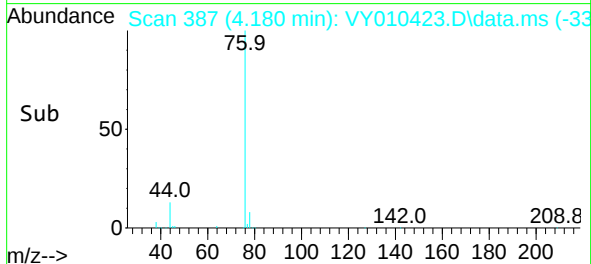
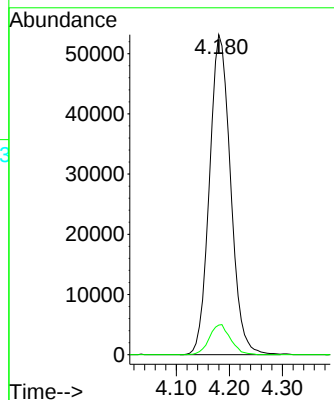
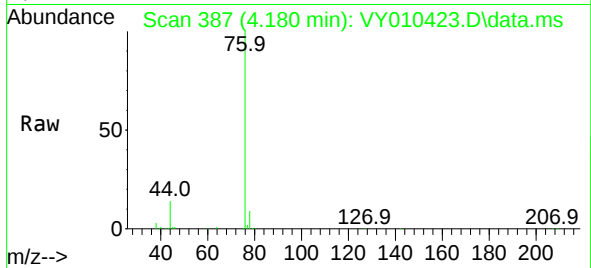




#17  
Carbon Disulfide  
Concen: 22.589 ug/l  
RT: 4.180 min Scan# 388  
Delta R.T. -0.006 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

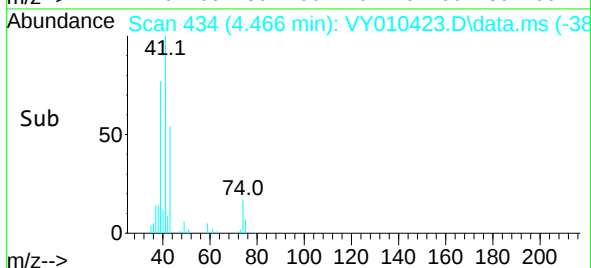
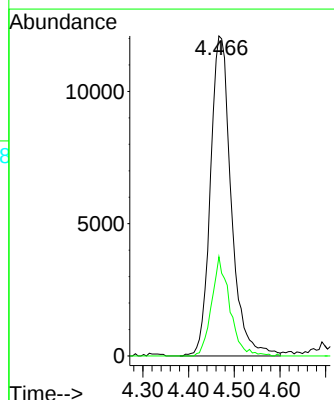
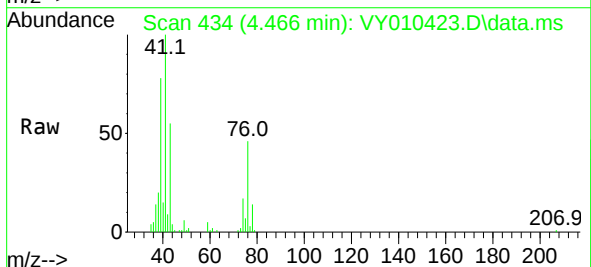
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

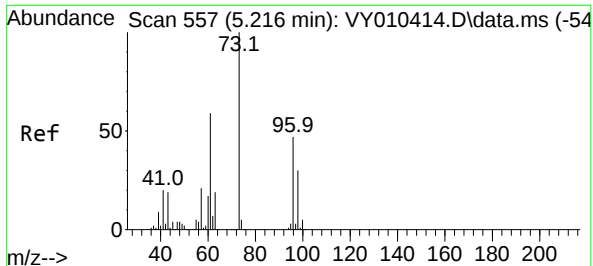
Tgt Ion: 76 Resp: 146954  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.0



#18  
Methyl Acetate  
Concen: 21.541 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 43 Resp: 38209  
Ion Ratio Lower Upper  
43 100  
74 27.2 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 20.931 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

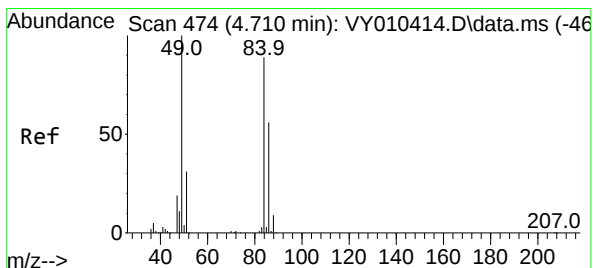
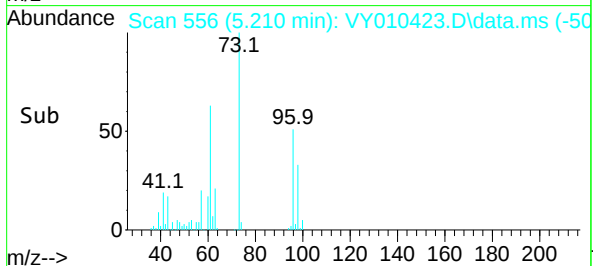
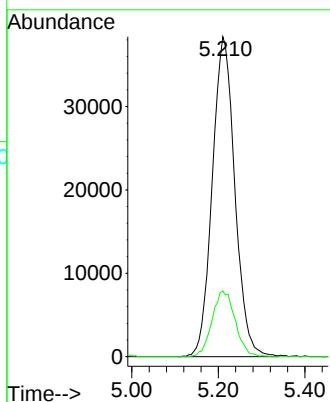
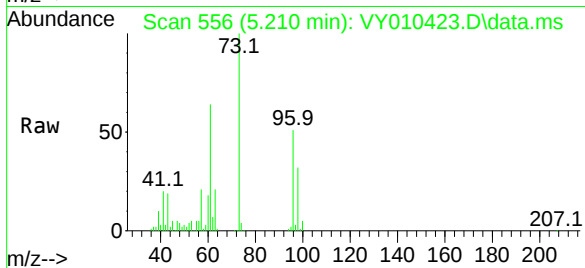
VY0909SBS01

Tgt Ion: 73 Resp: 139052

Ion Ratio Lower Upper

73 100

57 20.6 18.6 27.8



#20

Methylene Chloride

Concen: 21.783 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Tgt Ion: 84 Resp: 71643

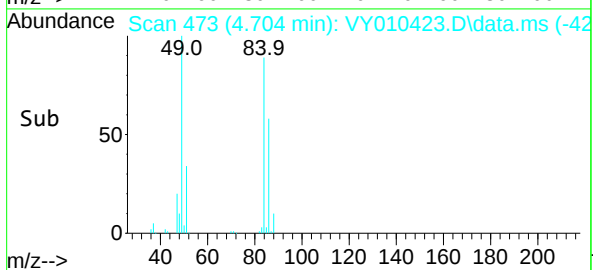
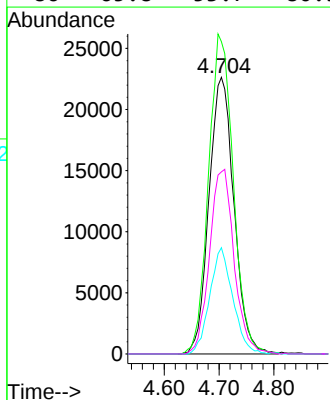
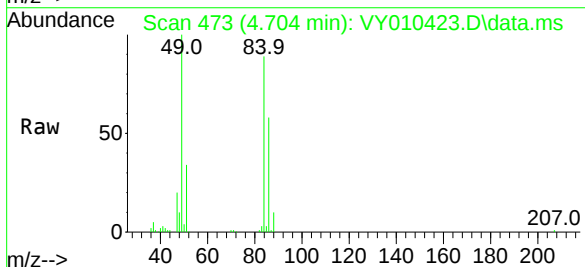
Ion Ratio Lower Upper

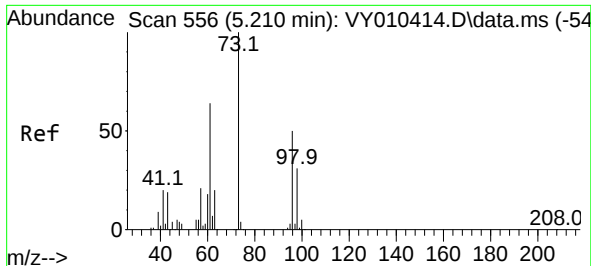
84 100

49 112.9 114.4 171.6#

51 38.4 35.3 52.9

86 65.8 53.7 80.5

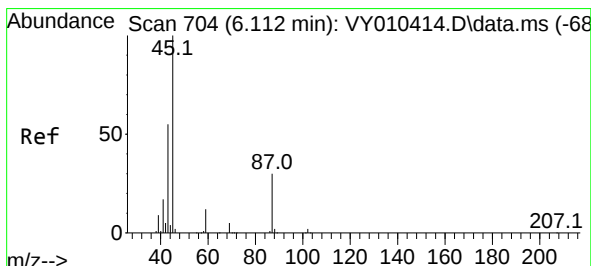
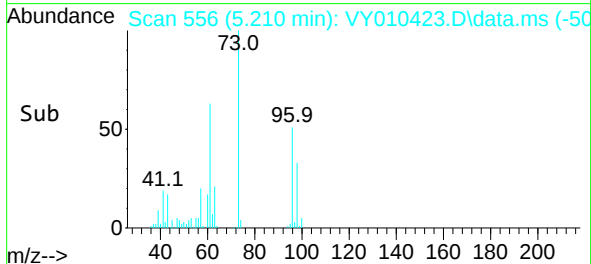
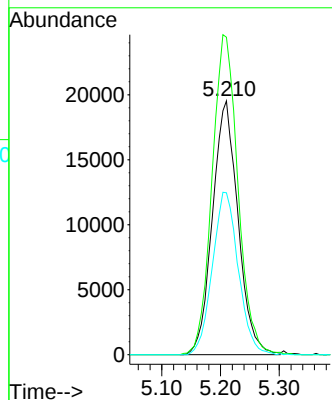
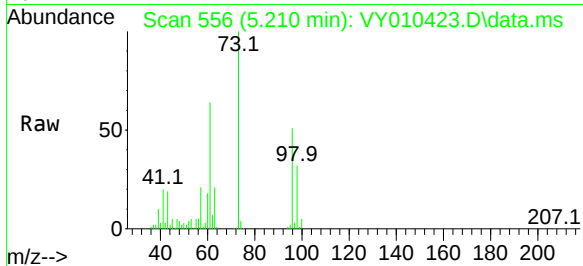




#21  
trans-1,2-Dichloroethene  
Concen: 21.600 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

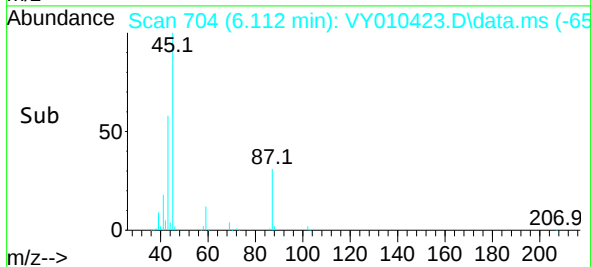
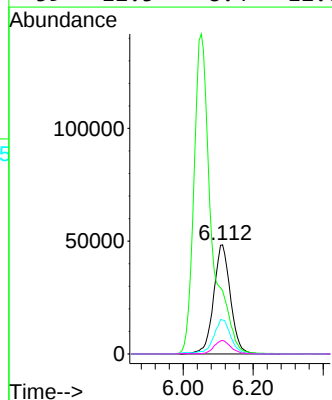
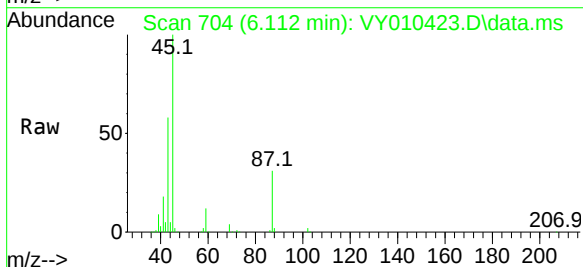
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

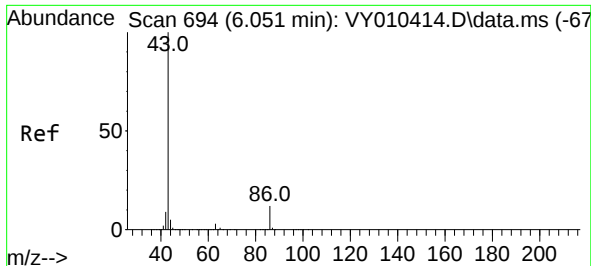
Tgt Ion: 96 Resp: 59001  
Ion Ratio Lower Upper  
96 100  
61 125.1 120.5 180.7  
98 63.8 49.8 74.8



#22  
Diisopropyl ether  
Concen: 20.897 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 45 Resp: 161615  
Ion Ratio Lower Upper  
45 100  
43 57.7 49.3 73.9  
87 31.0 19.2 28.8#  
59 12.5 8.4 12.6

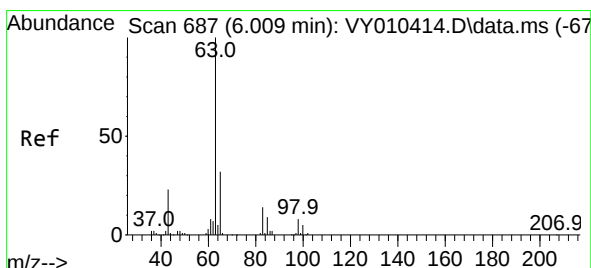
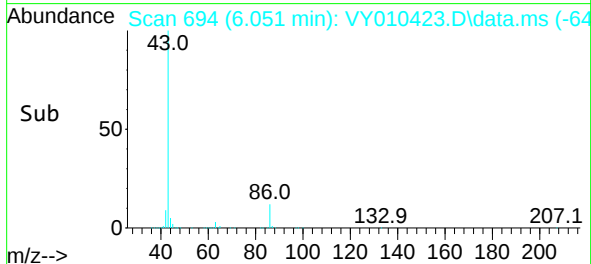
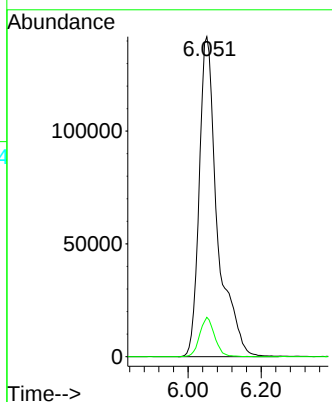
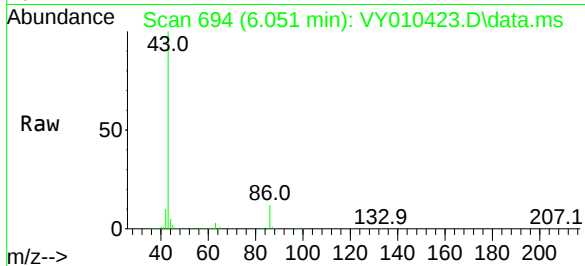




#23  
 Vinyl Acetate  
 Concen: 103.506 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY010423.D  
 Acq: 09 Sep 2022 17:23

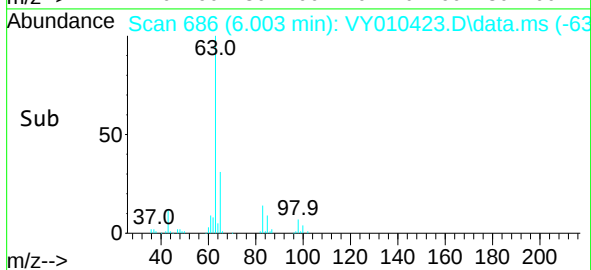
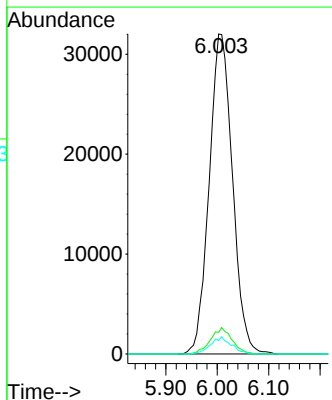
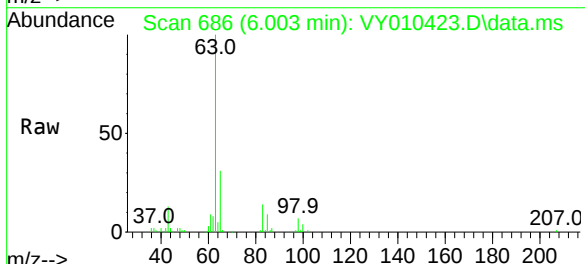
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0909SBS01

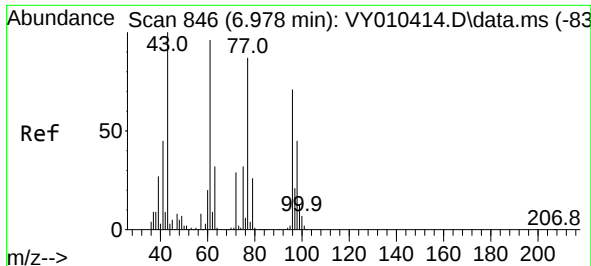
Tgt Ion: 43 Resp: 490562  
 Ion Ratio Lower Upper  
 43 100  
 86 12.3 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 21.535 ug/l  
 RT: 6.003 min Scan# 686  
 Delta R.T. -0.006 min  
 Lab File: VY010423.D  
 Acq: 09 Sep 2022 17:23

Tgt Ion: 63 Resp: 100829  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.6 10.8  
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 107.264 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

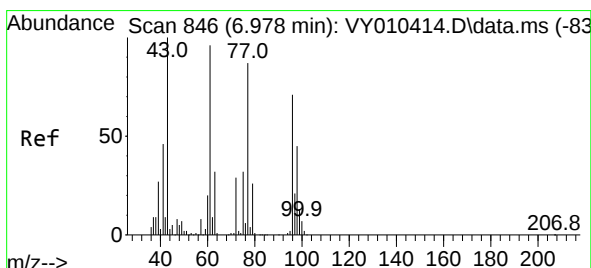
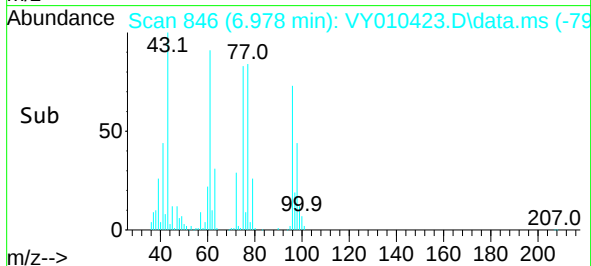
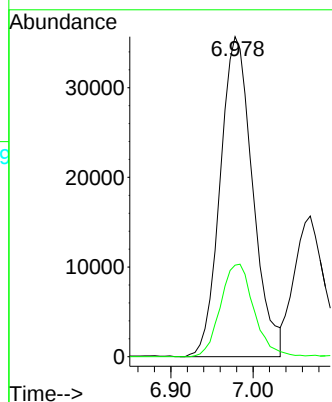
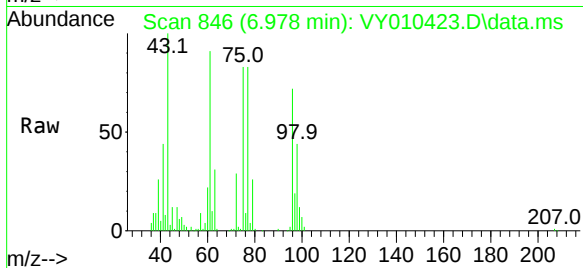
VY0909SBS01

Tgt Ion: 43 Resp: 98285

Ion Ratio Lower Upper

43 100

72 28.6 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 20.821 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010423.D

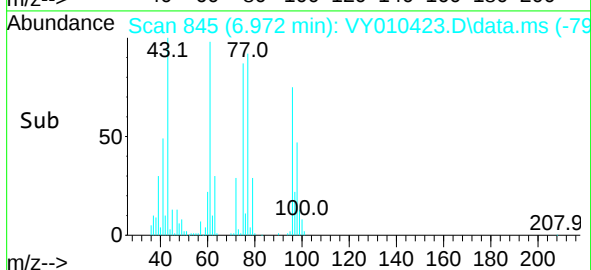
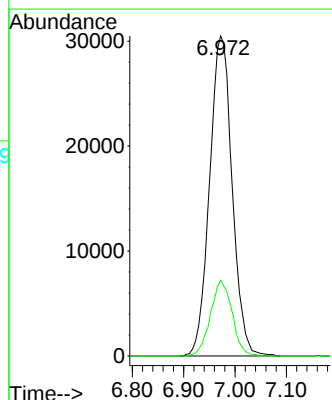
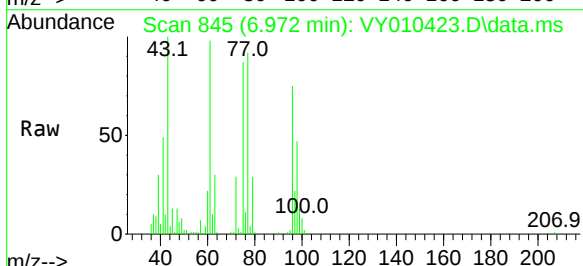
Acq: 09 Sep 2022 17:23

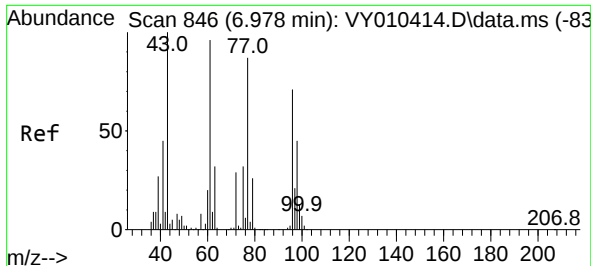
Tgt Ion: 77 Resp: 93022

Ion Ratio Lower Upper

77 100

97 22.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 21.764 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0909SBS01

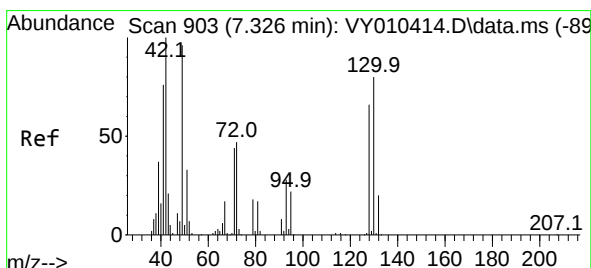
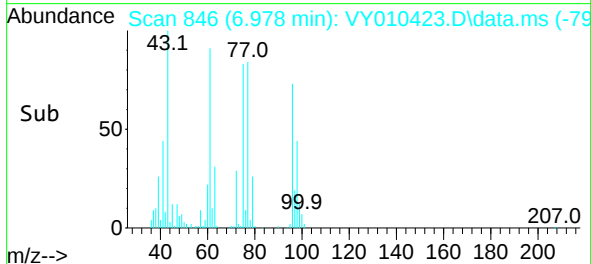
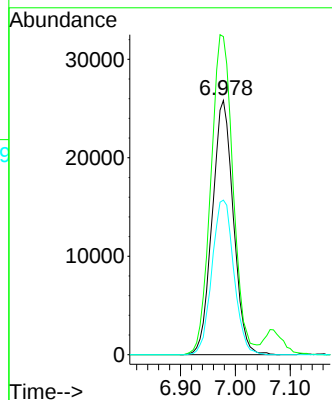
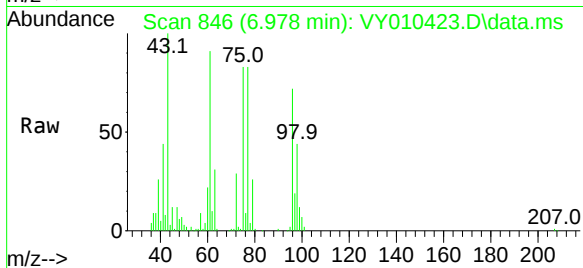
Tgt Ion: 96 Resp: 69102

Ion Ratio Lower Upper

96 100

61 132.5 0.0 319.8

98 63.2 0.0 127.0



#28

Bromochloromethane

Concen: 16.804 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

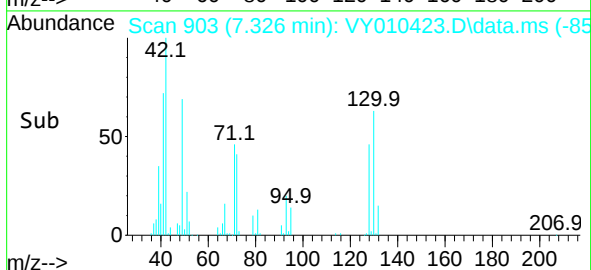
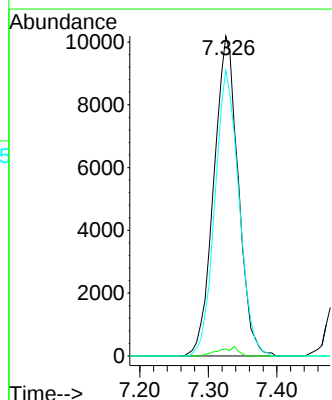
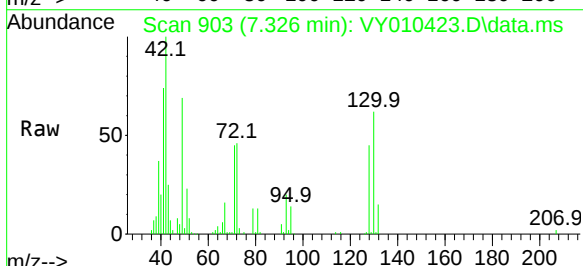
Tgt Ion: 49 Resp: 25225

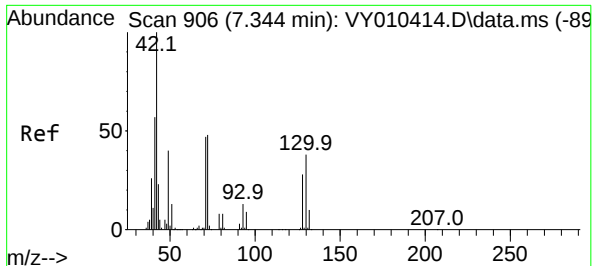
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2#

130 87.8 55.4 83.0#





#29

Tetrahydrofuran

Concen: 104.079 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0909SBS01

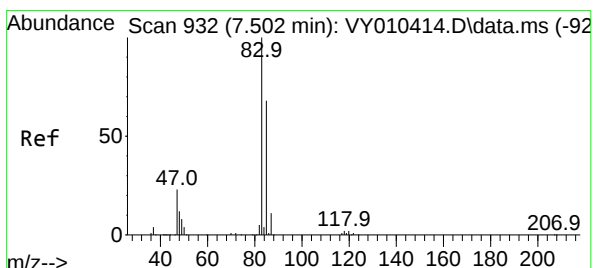
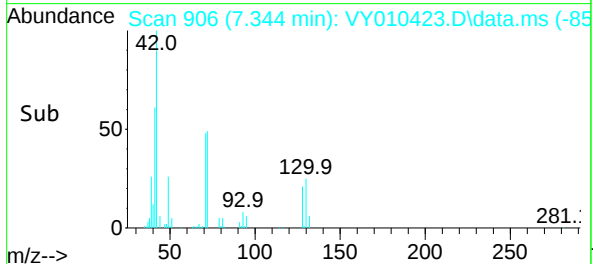
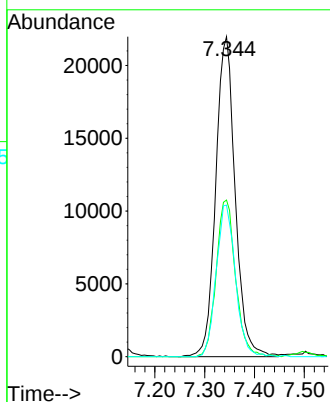
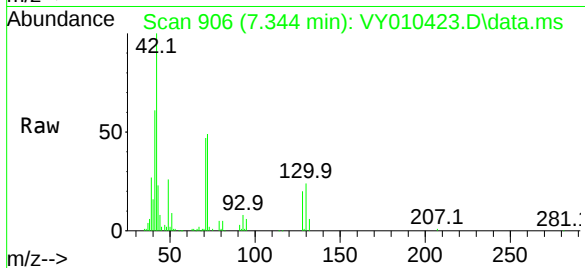
Tgt Ion: 42 Resp: 59520

Ion Ratio Lower Upper

42 100

72 48.8 30.3 45.5#

71 47.0 29.0 43.4#



#30

Chloroform

Concen: 21.439 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY010423.D

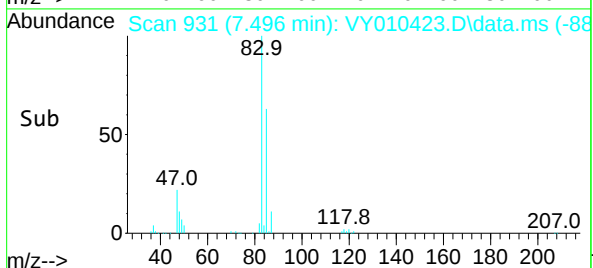
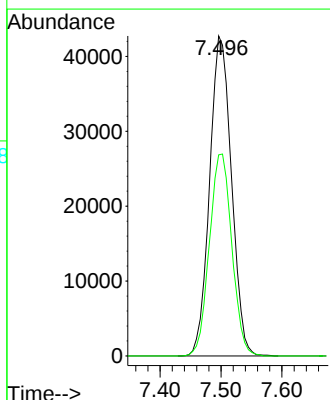
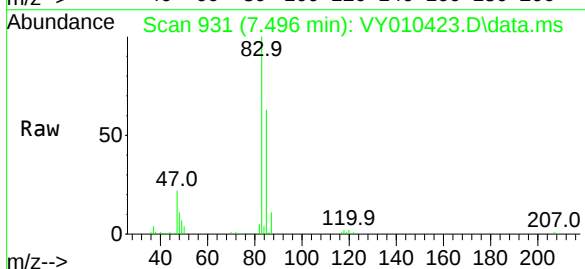
Acq: 09 Sep 2022 17:23

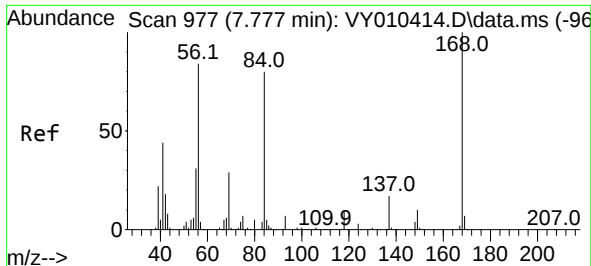
Tgt Ion: 83 Resp: 106475

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.6

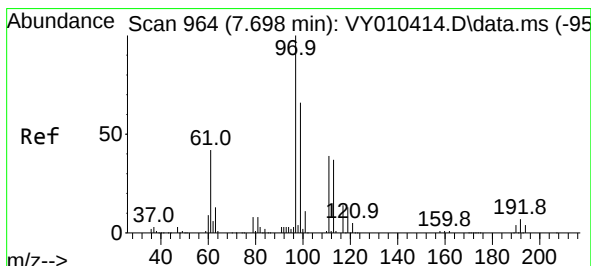
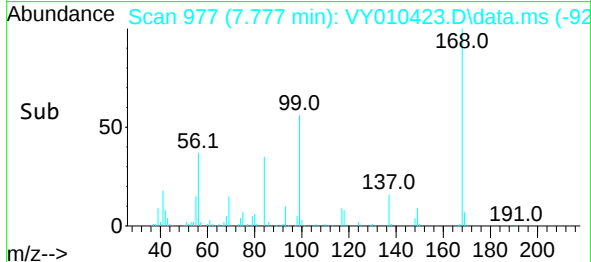
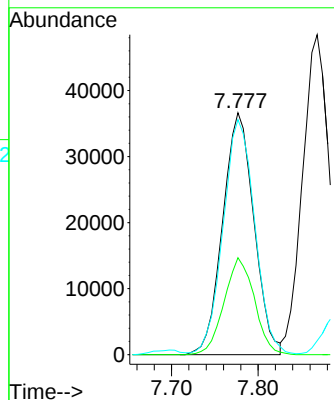
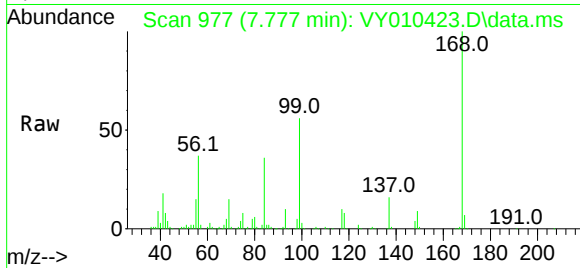




#31  
Cyclohexane  
Concen: 21.676 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

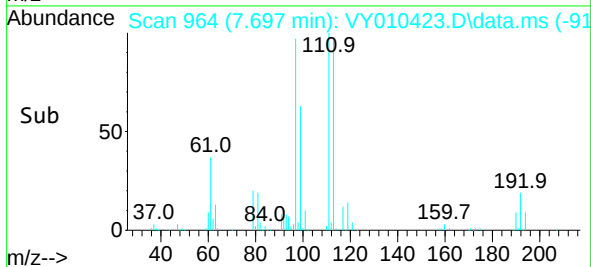
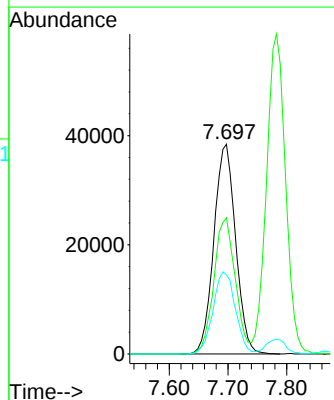
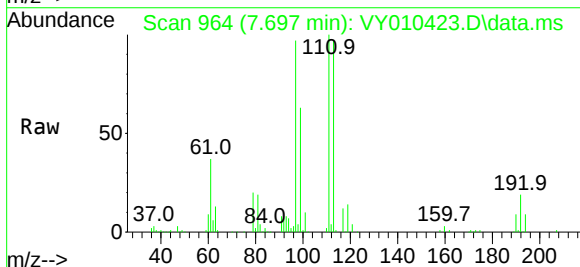
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

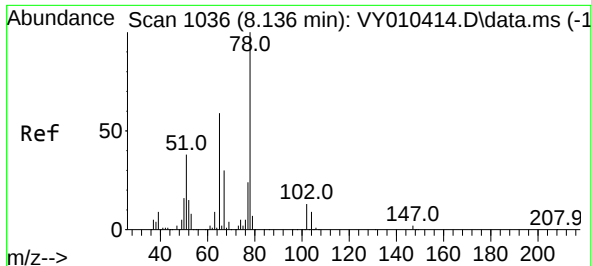
Tgt Ion: 56 Resp: 92001  
Ion Ratio Lower Upper  
56 100  
69 40.1 26.7 40.1#  
84 96.1 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 21.932 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.001 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 97 Resp: 98631  
Ion Ratio Lower Upper  
97 100  
99 64.5 50.7 76.1  
61 40.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.193 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

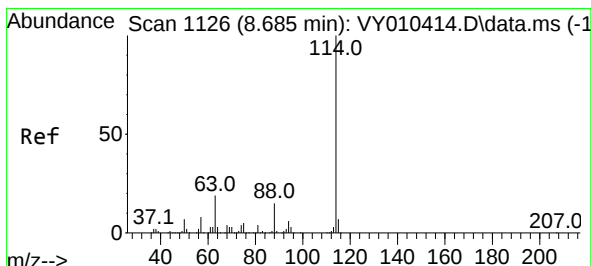
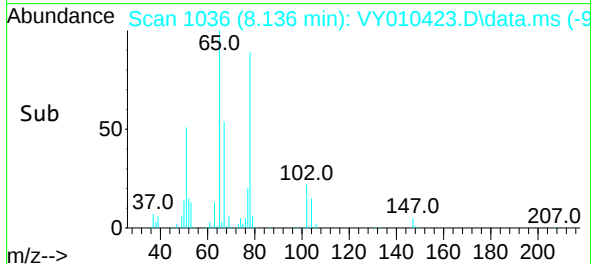
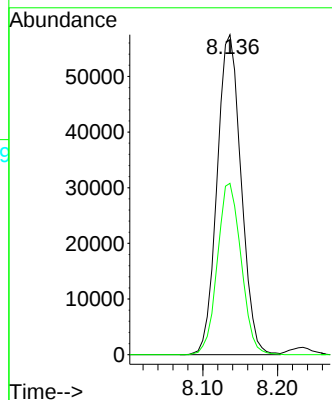
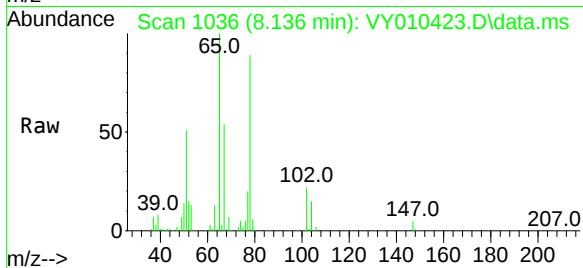
VY0909SBS01

Tgt Ion: 65 Resp: 128616

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

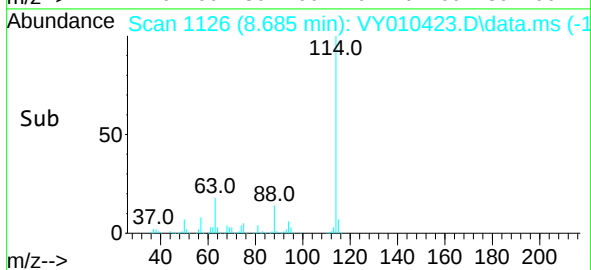
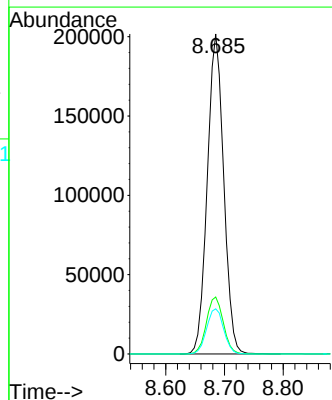
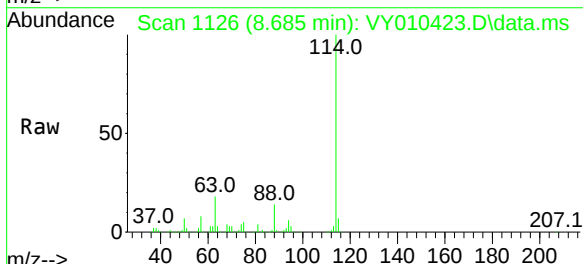
Tgt Ion: 114 Resp: 390992

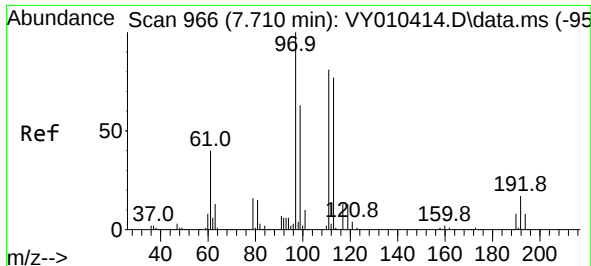
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.1 0.0 31.8

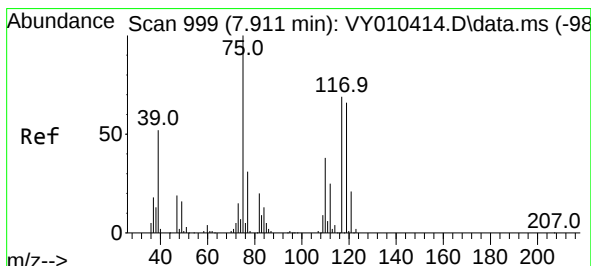
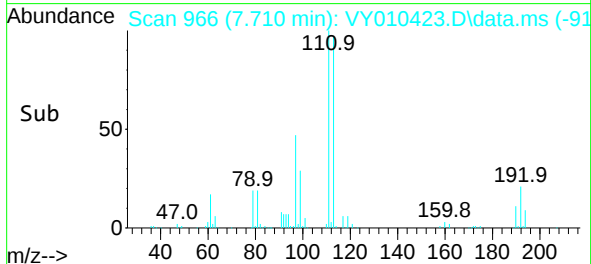
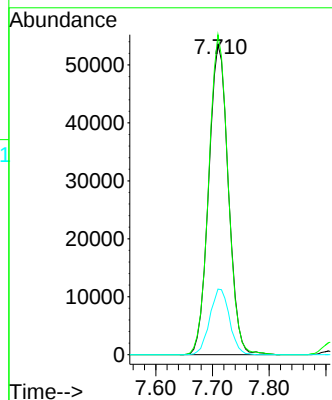
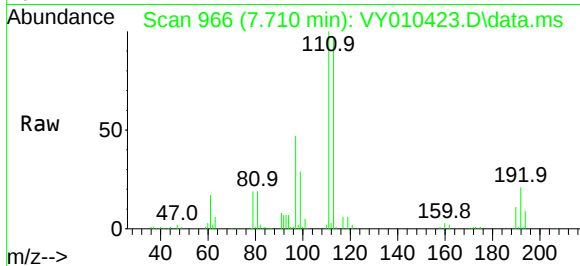




#35  
Dibromofluoromethane  
Concen: 46.412 ug/l  
RT: 7.710 min Scan# 901  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

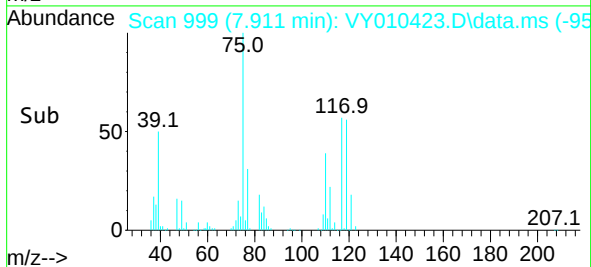
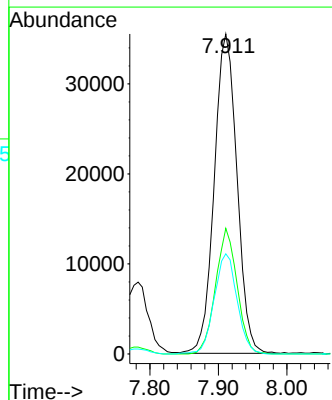
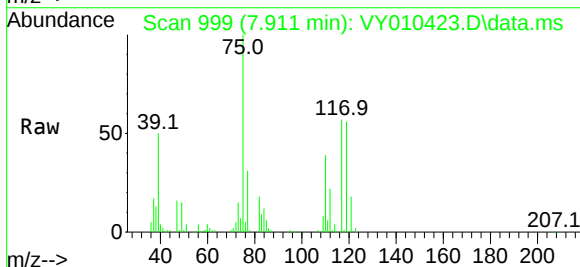
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

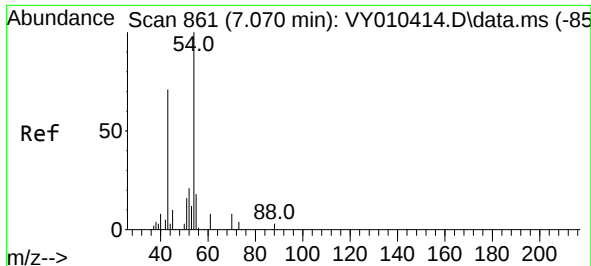
Tgt Ion:113 Resp: 128880  
Ion Ratio Lower Upper  
113 100  
111 101.5 82.6 124.0  
192 21.2 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 21.463 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 75 Resp: 81593  
Ion Ratio Lower Upper  
75 100  
110 37.2 17.1 51.2  
77 31.6 24.4 36.6

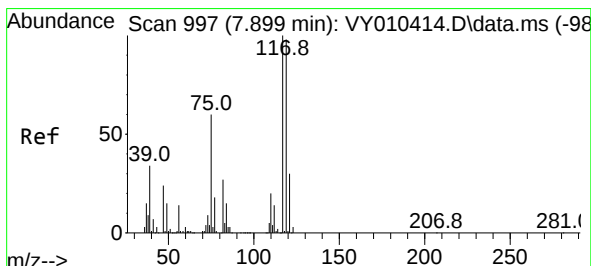
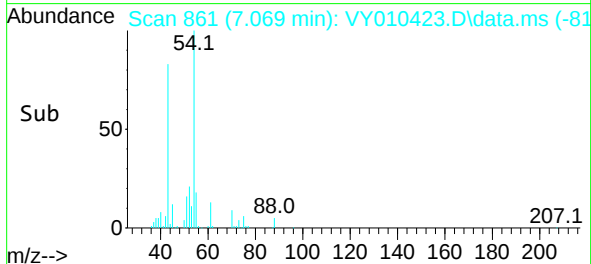
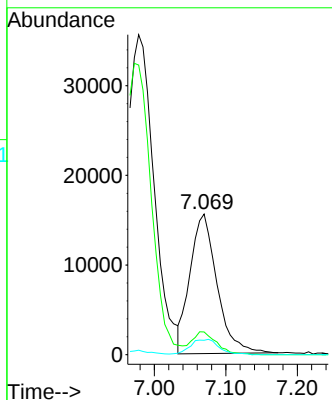
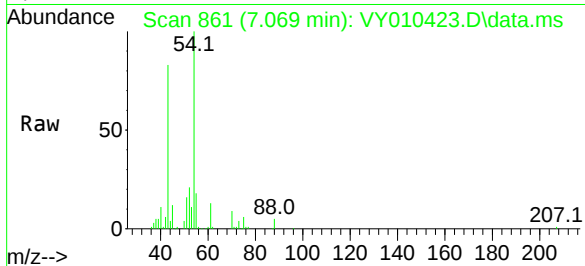




#37  
Ethyl Acetate  
Concen: 20.418 ug/l  
RT: 7.069 min Scan# 80  
Delta R.T. -0.001 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

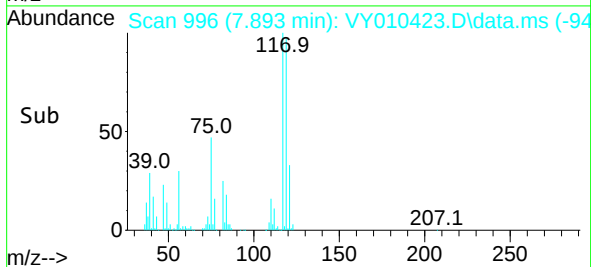
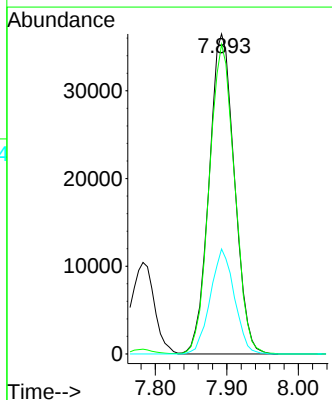
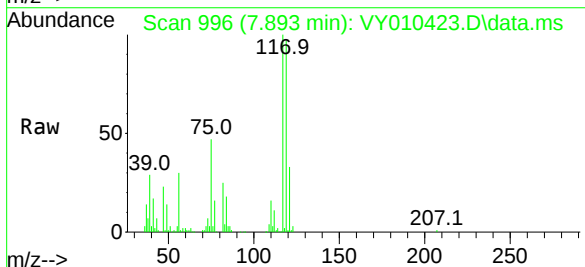
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

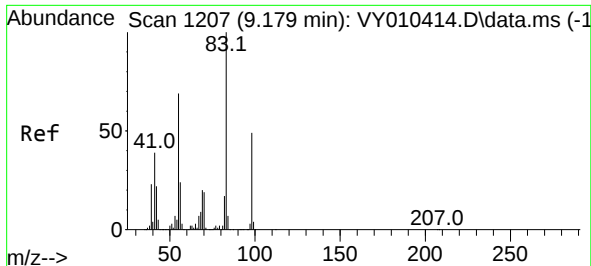
Tgt Ion: 43 Resp: 40804  
Ion Ratio Lower Upper  
43 100  
61 15.3 9.7 14.5#  
70 11.7 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 21.257 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 117 Resp: 89903  
Ion Ratio Lower Upper  
117 100  
119 96.8 77.9 116.9  
121 32.8 24.8 37.2





#39

Methylcyclohexane

Concen: 21.212 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0909SBS01

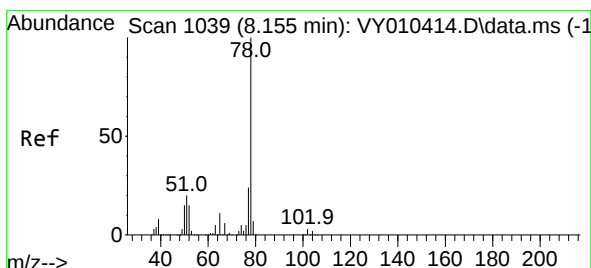
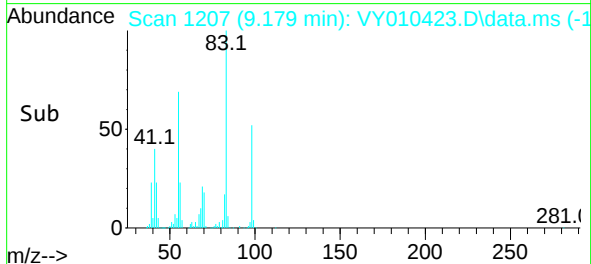
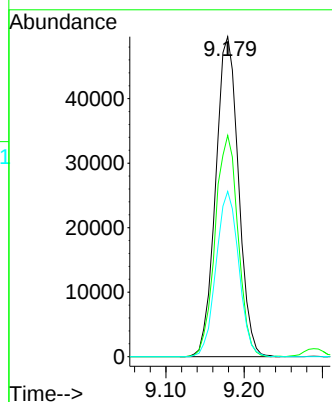
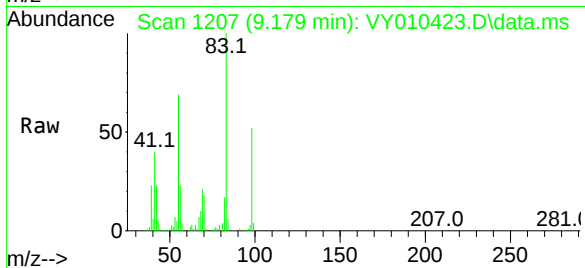
Tgt Ion: 83 Resp: 100545

Ion Ratio Lower Upper

83 100

55 69.1 66.5 99.7

98 51.6 37.9 56.9



#40

Benzene

Concen: 21.228 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010423.D

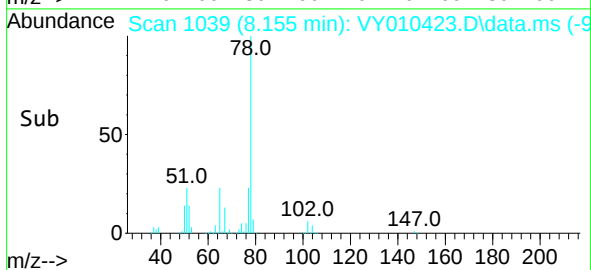
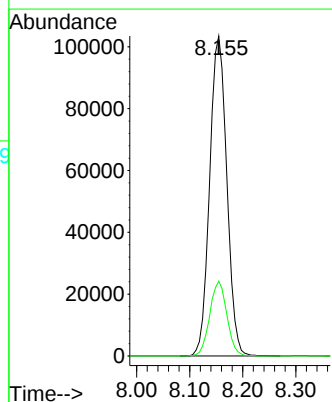
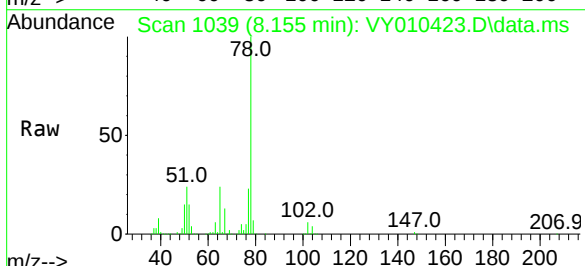
Acq: 09 Sep 2022 17:23

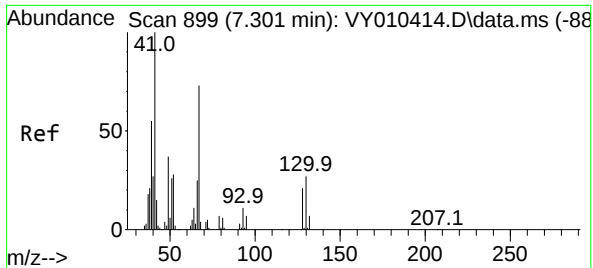
Tgt Ion: 78 Resp: 232306

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

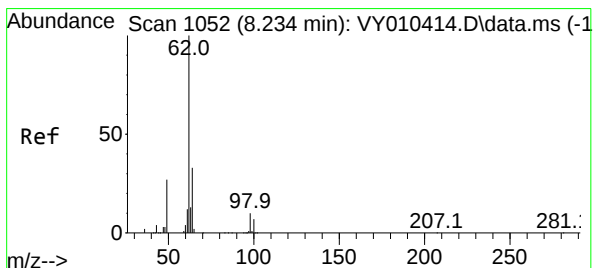
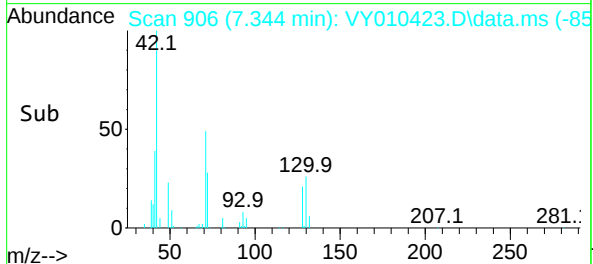
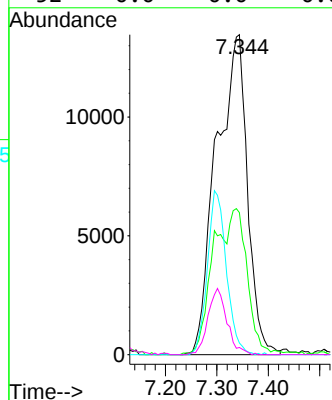
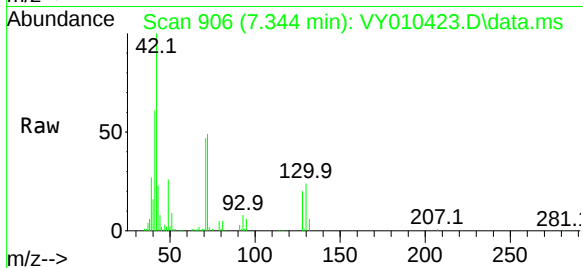




#41  
Methacrylonitrile  
Concen: 49.234 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.043 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

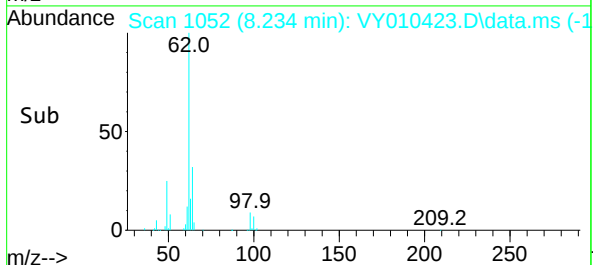
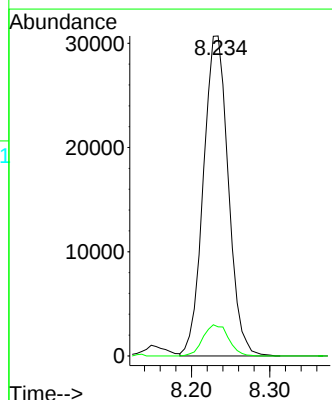
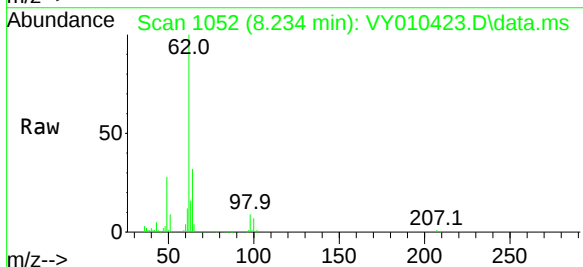
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

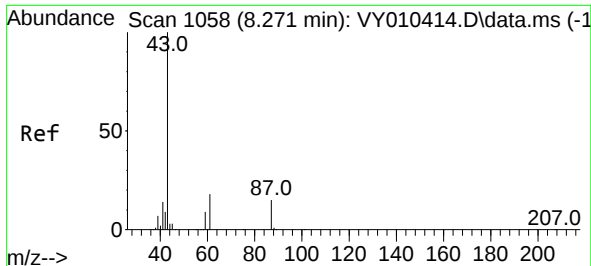
Tgt Ion: 41 Resp: 56248  
Ion Ratio Lower Upper  
41 100  
39 25.7 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 20.874 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 62 Resp: 67929  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 14.8

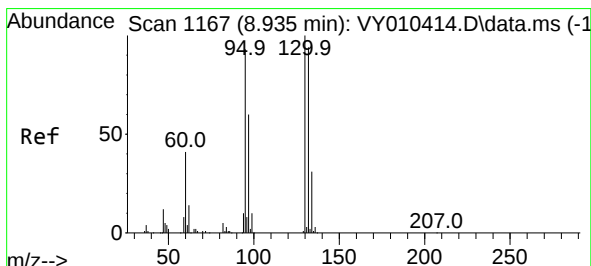
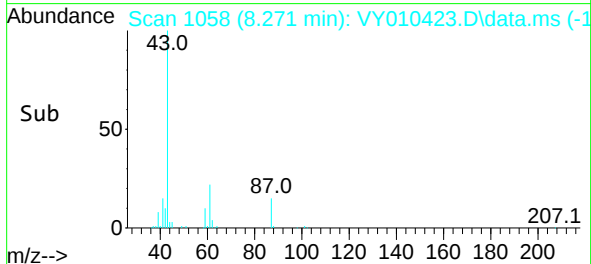
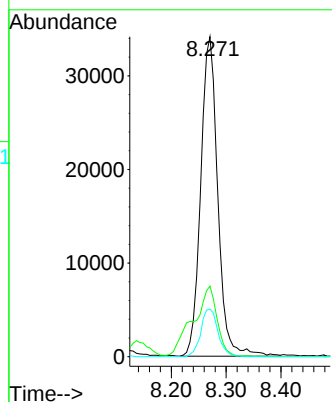
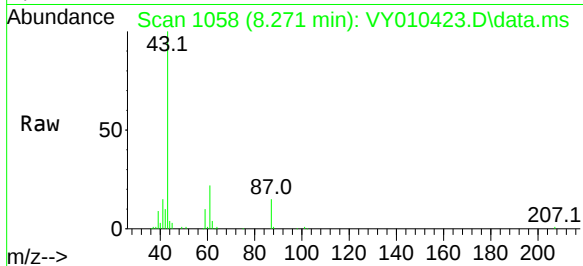




#43  
Isopropyl Acetate  
Concen: 20.169 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. -0.001 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

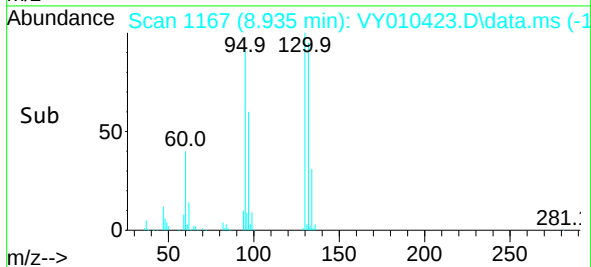
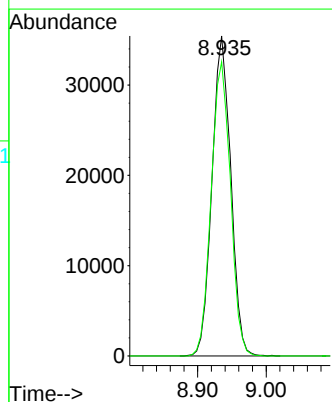
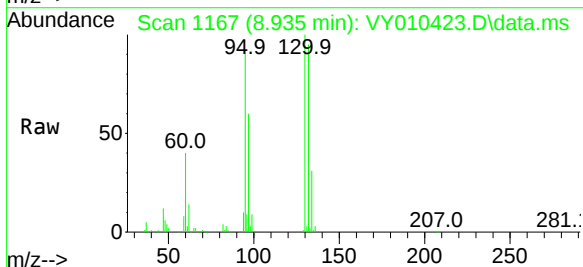
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

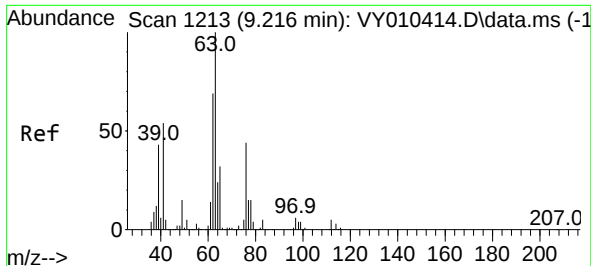
Tgt Ion: 43 Resp: 73763  
Ion Ratio Lower Upper  
43 100  
61 31.3 20.2 30.2#  
87 15.0 8.9 13.3#



#44  
Trichloroethene  
Concen: 20.905 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion:130 Resp: 67340  
Ion Ratio Lower Upper  
130 100  
95 91.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.848 ug/l

RT: 9.209 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

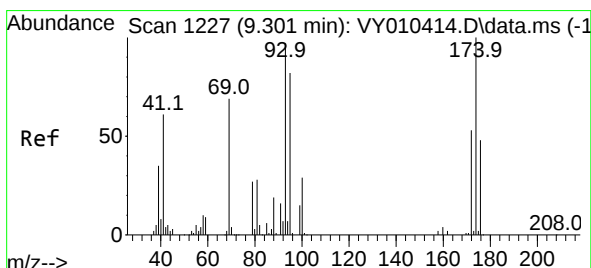
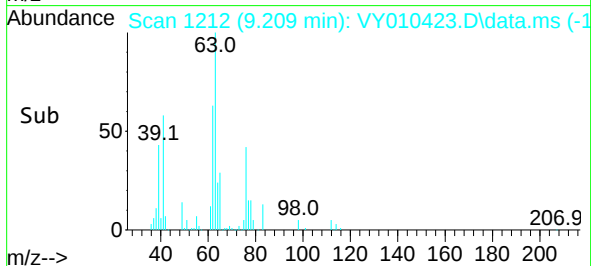
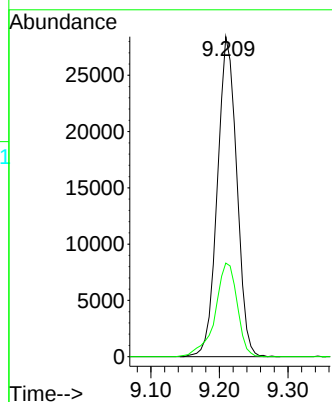
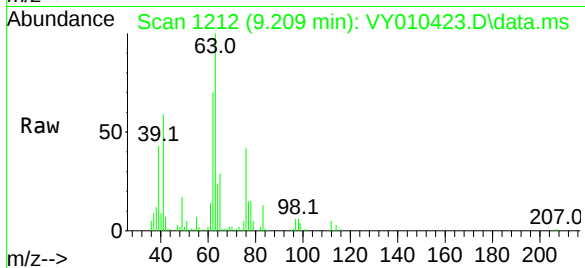
VY0909SBS01

Tgt Ion: 63 Resp: 55643

Ion Ratio Lower Upper

63 100

65 29.3 23.0 34.6



#46

Dibromomethane

Concen: 20.948 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

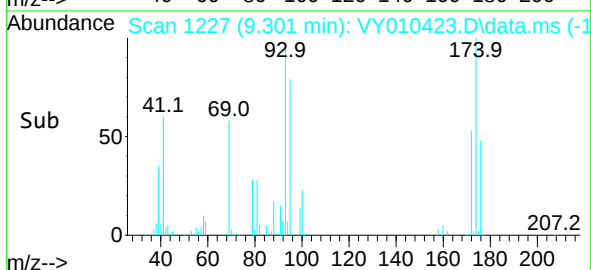
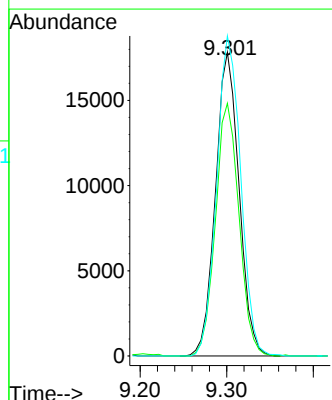
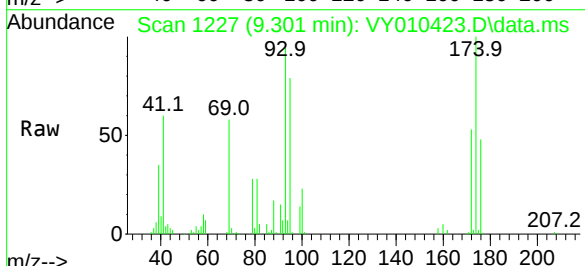
Tgt Ion: 93 Resp: 33715

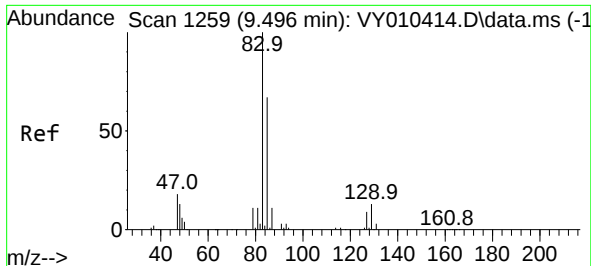
Ion Ratio Lower Upper

93 100

95 83.1 64.3 96.5

174 107.6 83.4 125.0

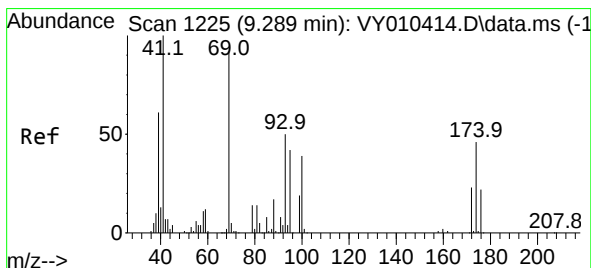
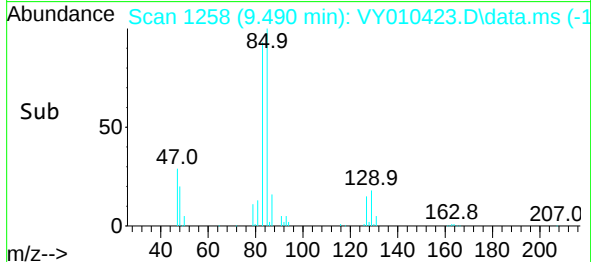
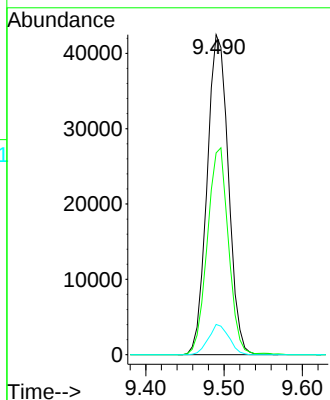
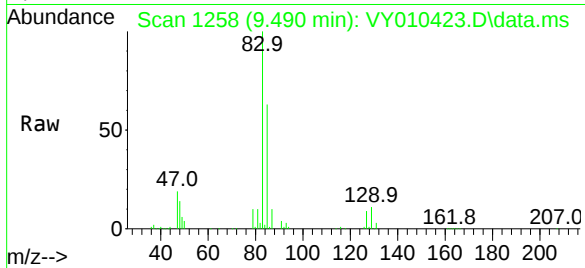




#47  
Bromodichloromethane  
Concen: 20.958 ug/l  
RT: 9.490 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

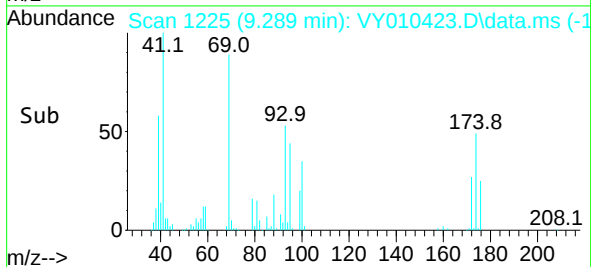
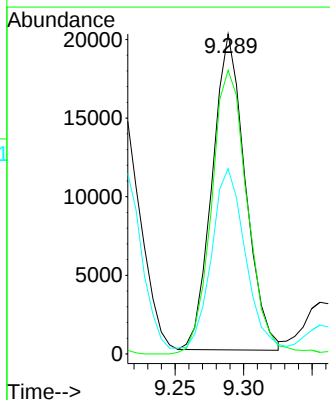
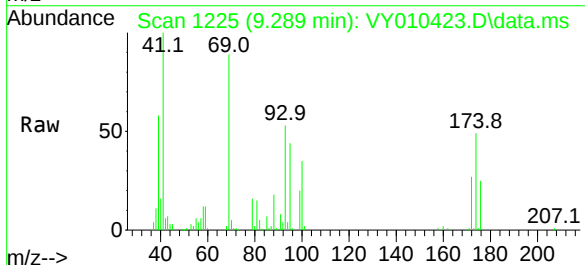
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

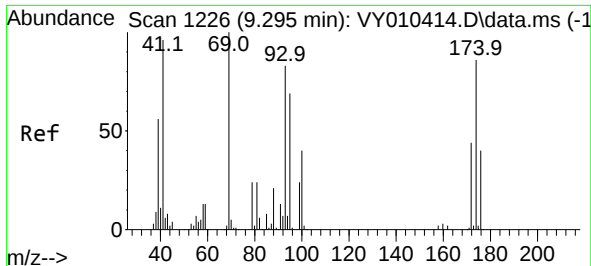
Tgt Ion: 83 Resp: 80121  
Ion Ratio Lower Upper  
83 100  
85 63.1 51.9 77.9  
127 9.4 6.6 10.0



#48  
Methyl methacrylate  
Concen: 20.502 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 41 Resp: 33676  
Ion Ratio Lower Upper  
41 100  
69 98.3 58.2 87.2#  
39 57.8 47.4 71.0





#49

1,4-Dioxane

Concen: 399.564 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0909SBS01

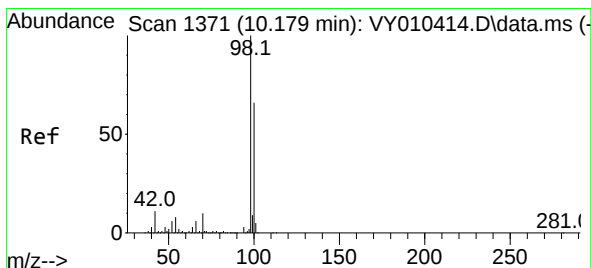
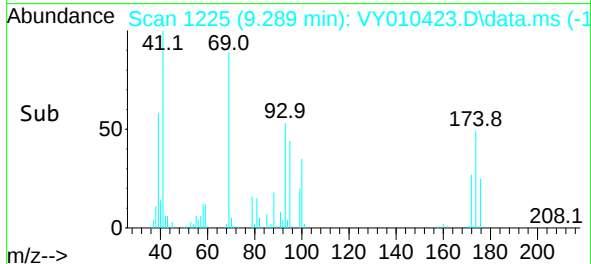
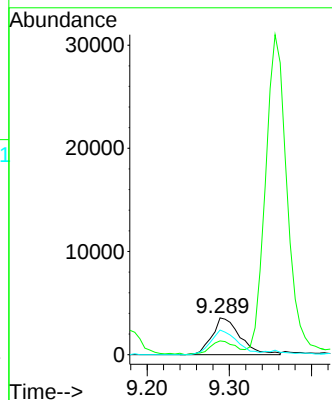
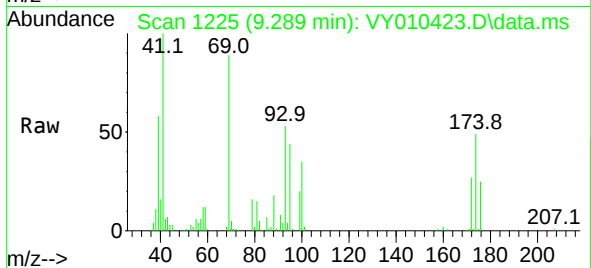
Tgt Ion: 88 Resp: 8513

Ion Ratio Lower Upper

88 100

43 34.6 32.8 49.2

58 62.5 59.8 89.6



#50

Toluene-d8

Concen: 53.653 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY010423.D

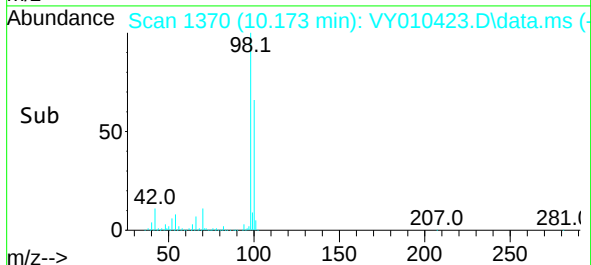
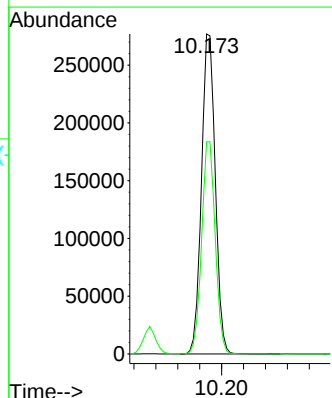
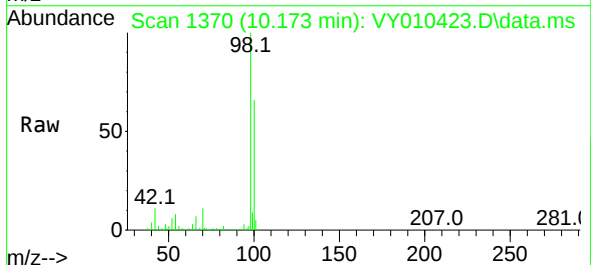
Acq: 09 Sep 2022 17:23

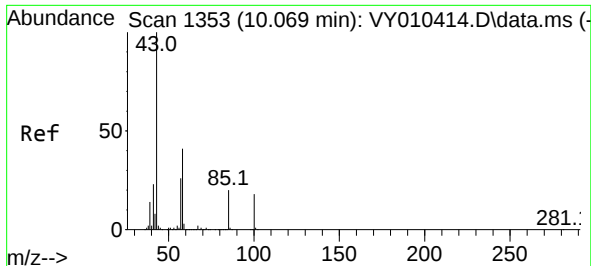
Tgt Ion: 98 Resp: 482851

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2

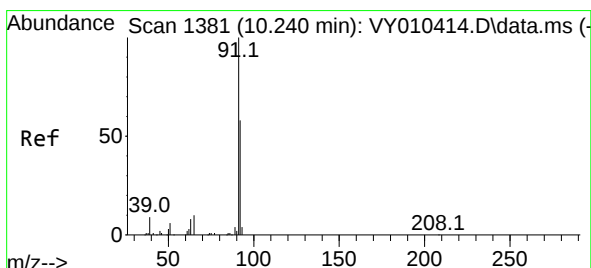
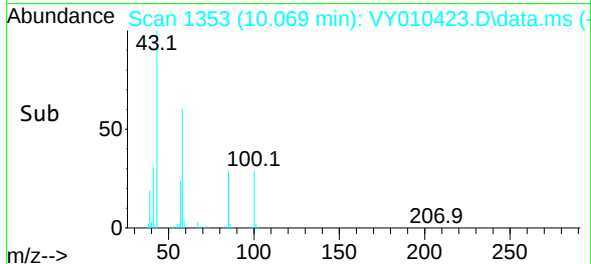
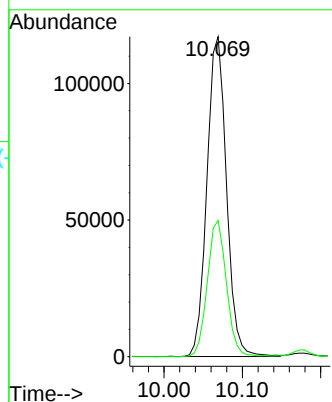
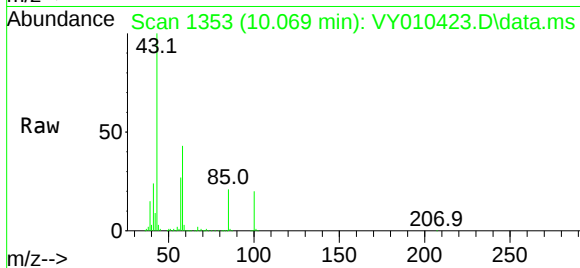




#51  
4-Methyl-2-Pentanone  
Concen: 101.090 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

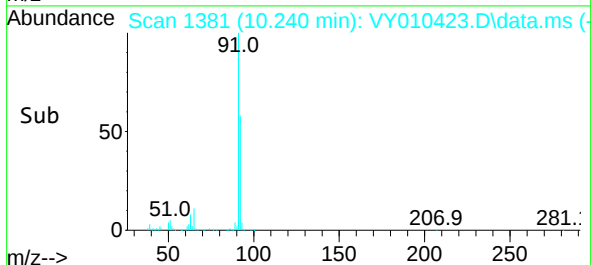
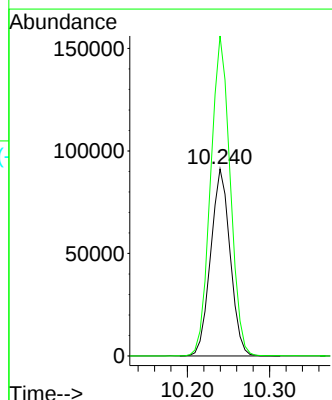
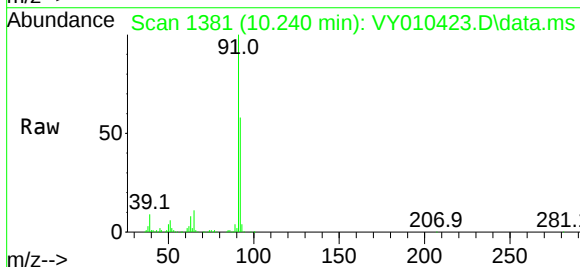
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

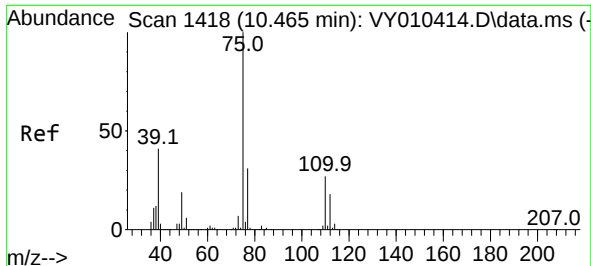
Tgt Ion: 43 Resp: 202793  
Ion Ratio Lower Upper  
43 100  
58 41.7 28.1 42.1



#52  
Toluene  
Concen: 20.938 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 92 Resp: 149943  
Ion Ratio Lower Upper  
92 100  
91 172.6 142.6 213.8

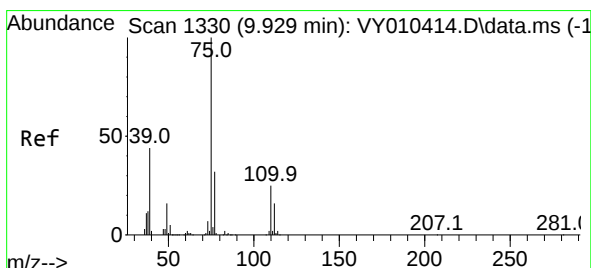
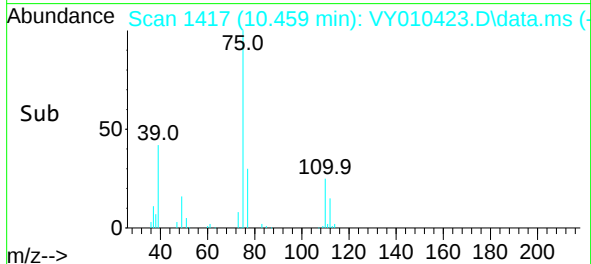
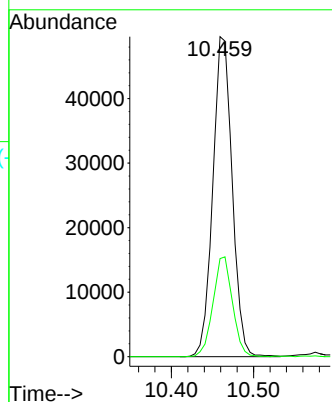
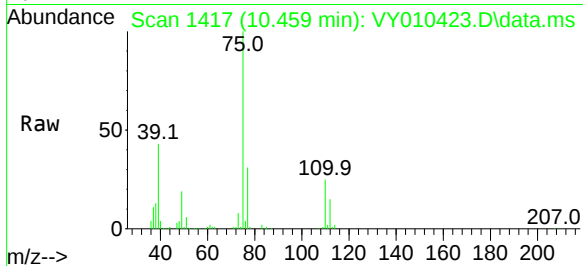




#53  
 t-1,3-Dichloropropene  
 Concen: 20.638 ug/l  
 RT: 10.459 min Scan# 1418  
 Delta R.T. -0.006 min  
 Lab File: VY010423.D  
 Acq: 09 Sep 2022 17:23

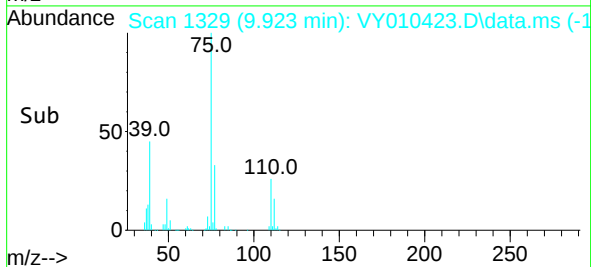
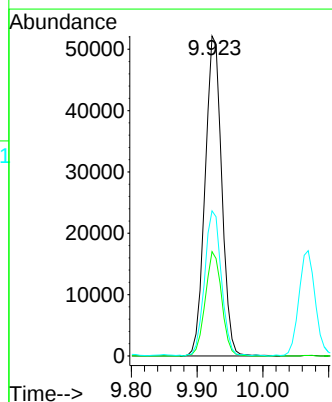
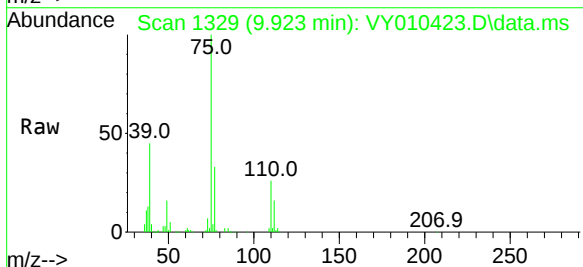
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0909SBS01

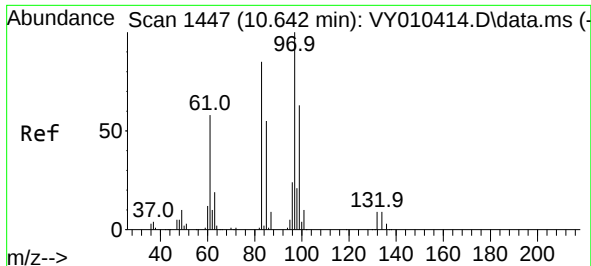
Tgt Ion: 75 Resp: 81196  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.712 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. -0.006 min  
 Lab File: VY010423.D  
 Acq: 09 Sep 2022 17:23

Tgt Ion: 75 Resp: 91910  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.6 38.4  
 39 45.2 47.6 71.4#

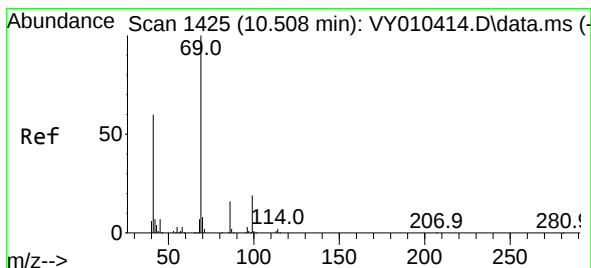
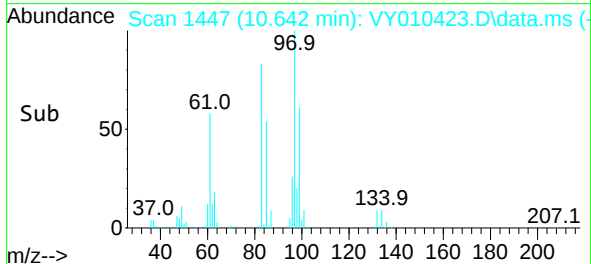
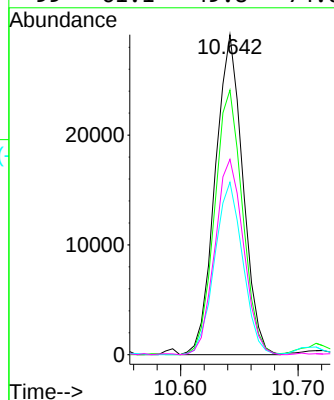
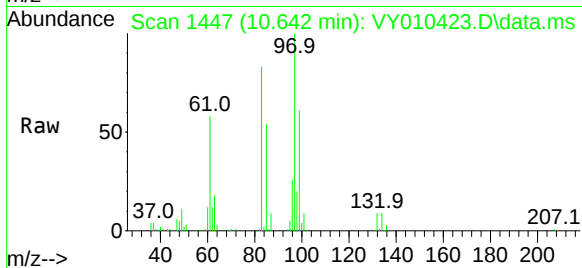




#55  
1,1,2-Trichloroethane  
Concen: 20.861 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

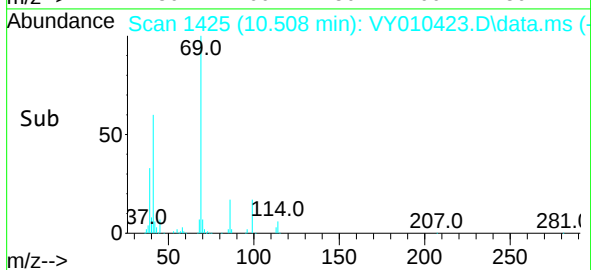
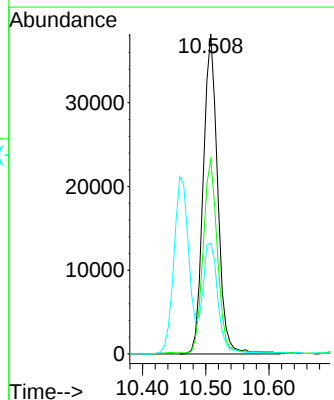
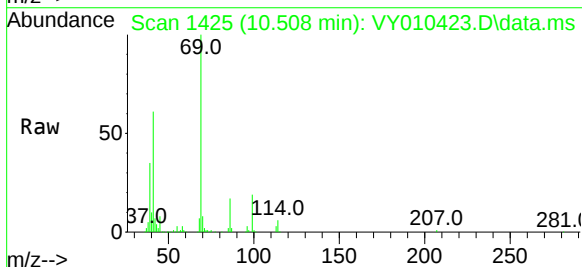
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

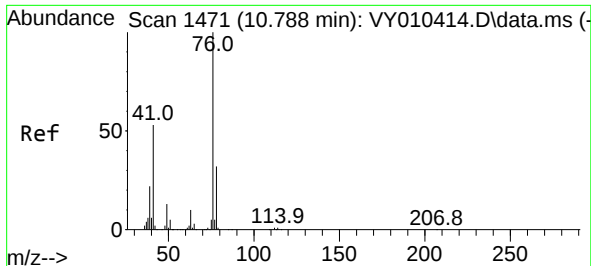
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 47761 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.7  | 69.8  | 104.8 |
| 85       | 53.9  | 44.3  | 66.5  |
| 99       | 61.1  | 49.8  | 74.6  |



#56  
Ethyl methacrylate  
Concen: 20.270 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 60948 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 59.8  | 63.4  | 95.0# |
| 39       | 36.1  | 35.8  | 53.8  |





#57

1,3-Dichloropropane

Concen: 20.981 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

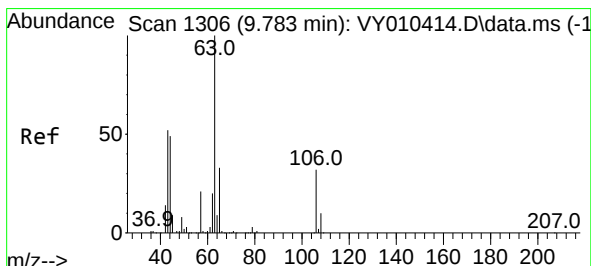
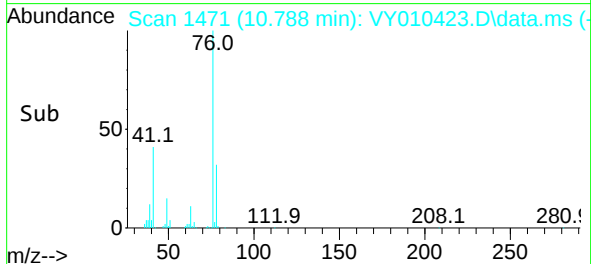
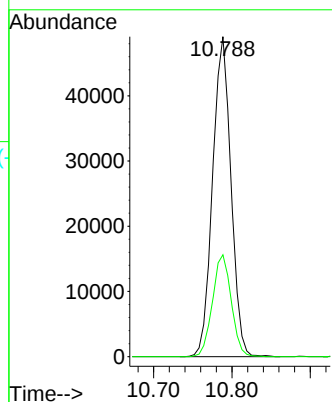
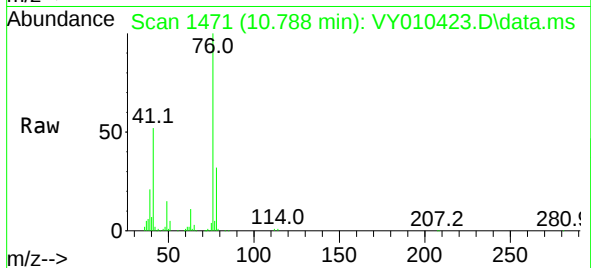
VY0909SBS01

Tgt Ion: 76 Resp: 79872

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 140.180 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY010423.D

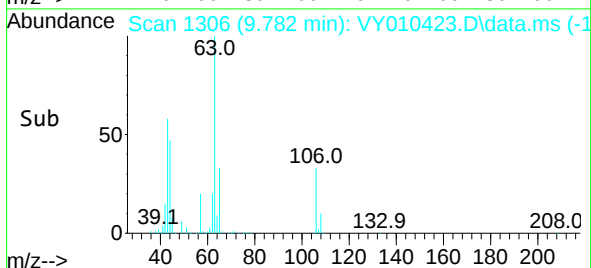
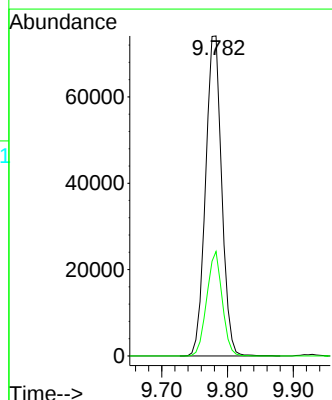
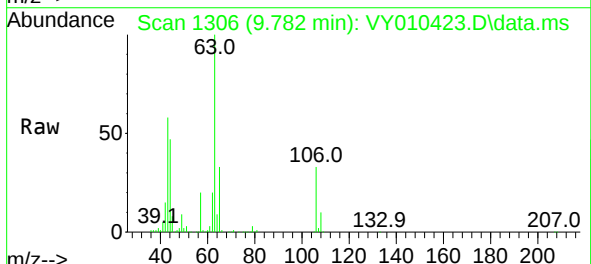
Acq: 09 Sep 2022 17:23

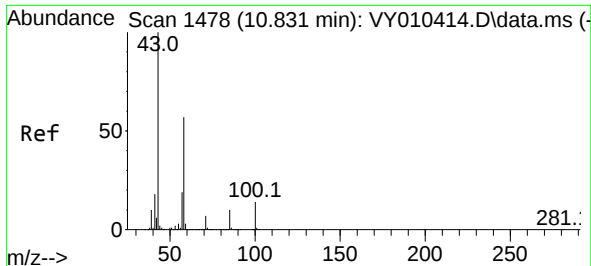
Tgt Ion: 63 Resp: 126378

Ion Ratio Lower Upper

63 100

106 31.2 21.5 32.3

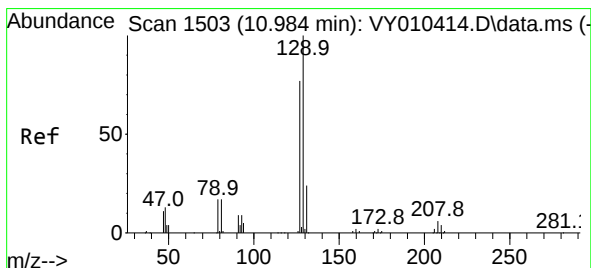
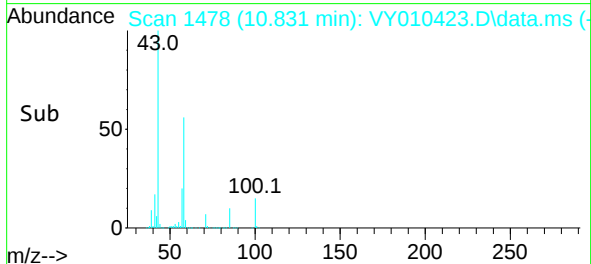
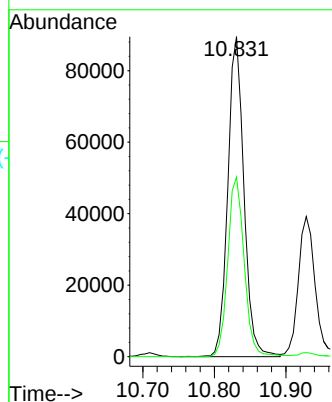
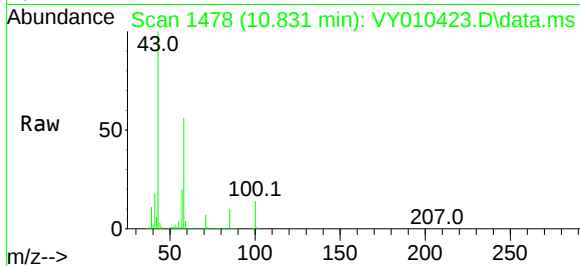




#59  
2-Hexanone  
Concen: 102.341 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

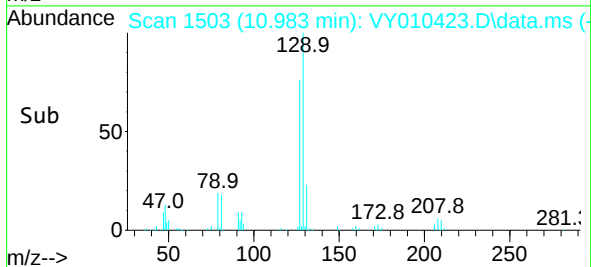
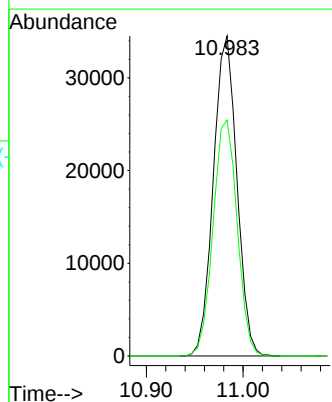
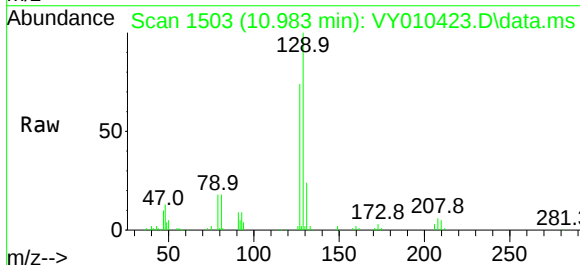
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

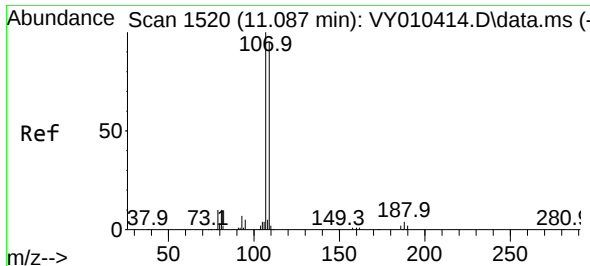
Tgt Ion: 43 Resp: 139945  
Ion Ratio Lower Upper  
43 100  
58 57.2 24.4 73.4



#60  
Dibromochloromethane  
Concen: 20.818 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.001 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 129 Resp: 58244  
Ion Ratio Lower Upper  
129 100  
127 75.6 38.7 116.1

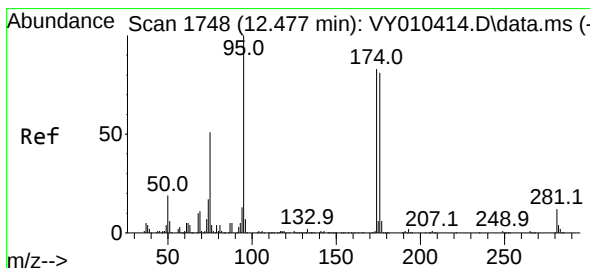
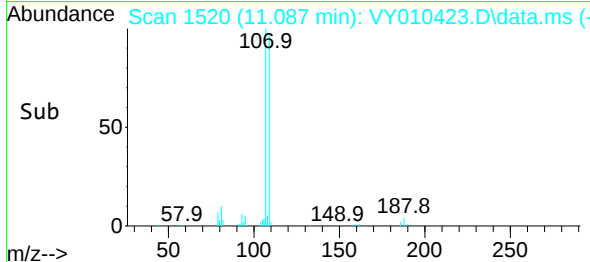
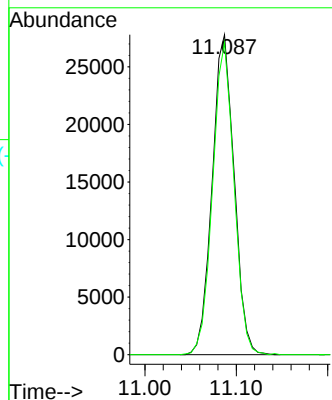
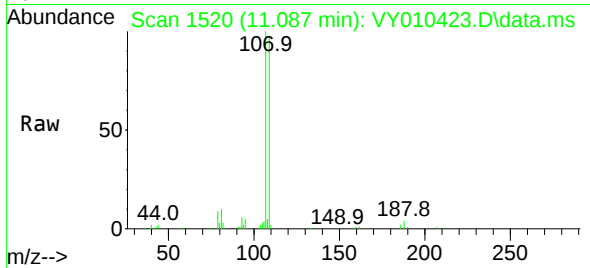




#61  
1,2-Dibromoethane  
Concen: 20.854 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

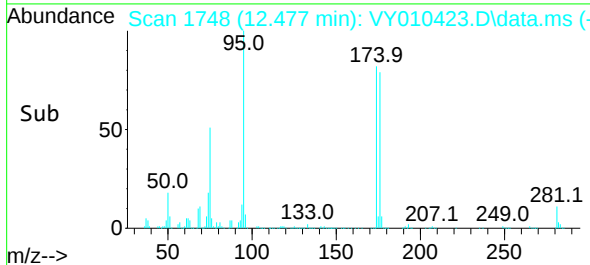
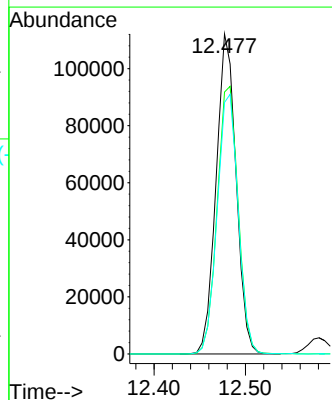
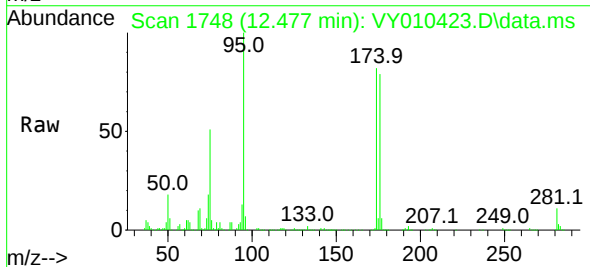
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

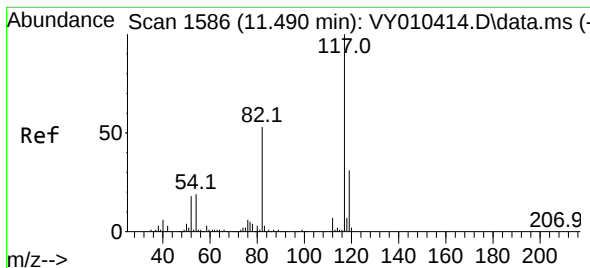
Tgt Ion:107 Resp: 46347  
Ion Ratio Lower Upper  
107 100  
109 95.1 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 47.340 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 95 Resp: 170041  
Ion Ratio Lower Upper  
95 100  
174 88.0 0.0 177.0  
176 85.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0909SBS01

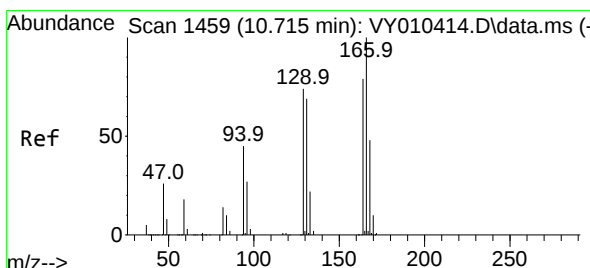
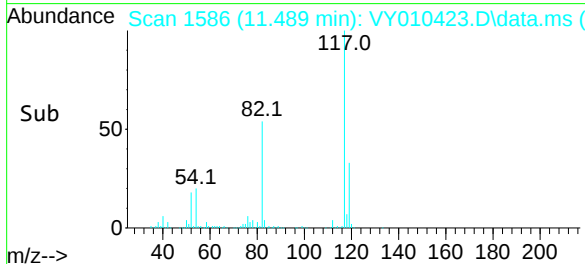
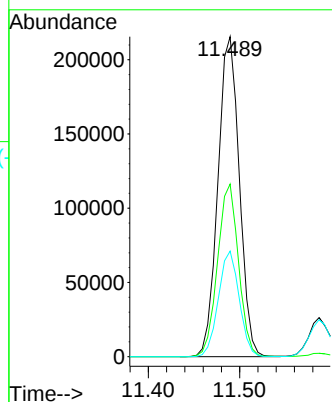
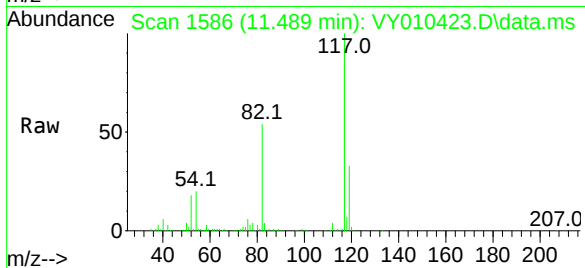
Tgt Ion:117 Resp: 351477

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 33.0 25.4 38.0



#64

Tetrachloroethene

Concen: 21.352 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Tgt Ion:164 Resp: 67644

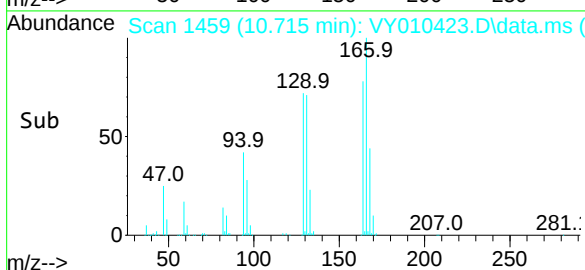
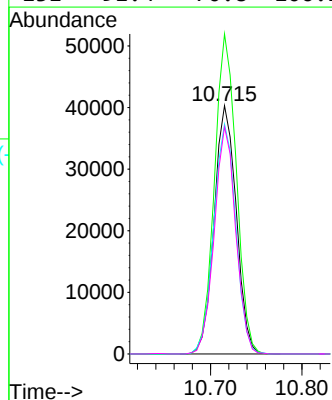
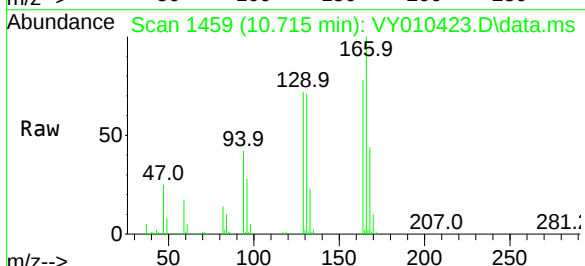
Ion Ratio Lower Upper

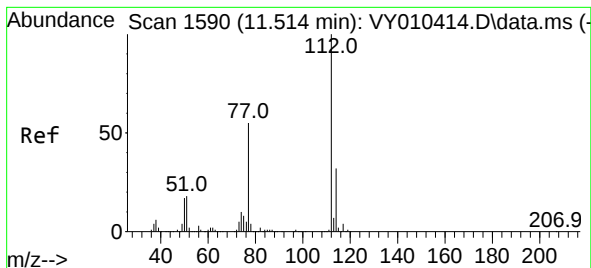
164 100

166 128.9 100.4 150.6

129 92.5 71.4 107.0

131 91.4 70.8 106.2

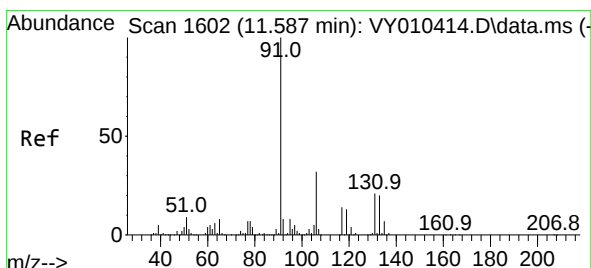
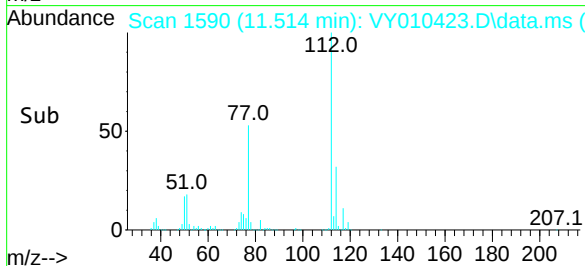
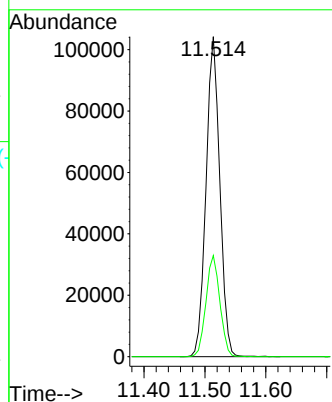
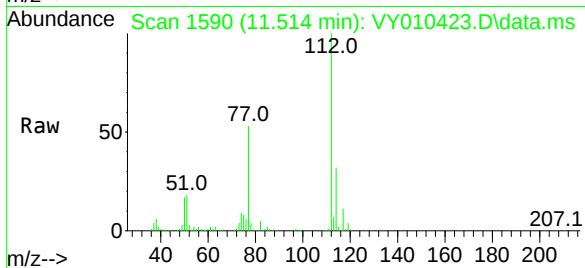




#65  
Chlorobenzene  
Concen: 20.811 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

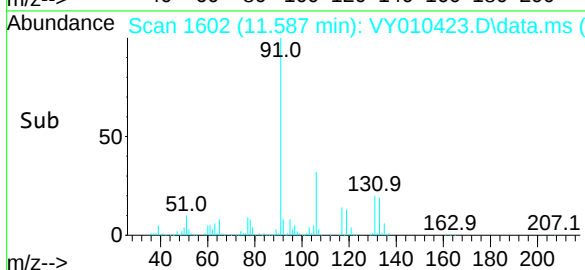
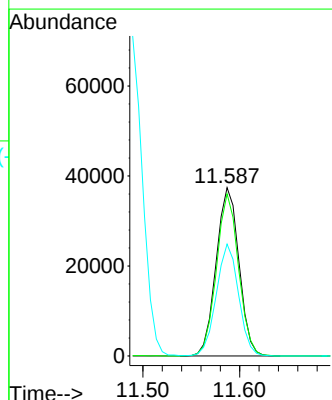
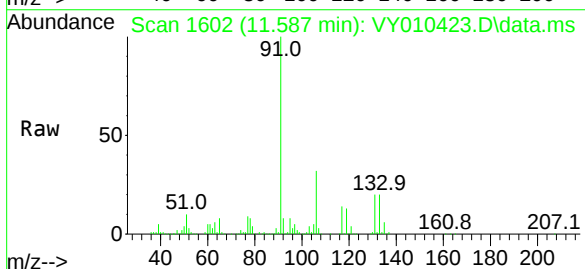
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

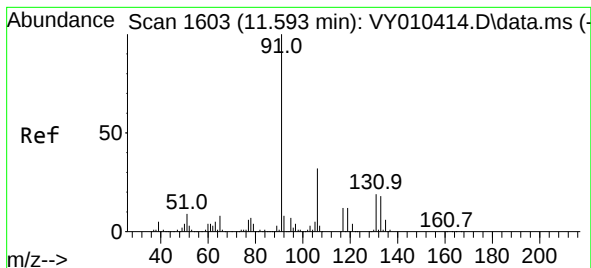
Tgt Ion:112 Resp: 163578  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.024 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion:131 Resp: 61204  
Ion Ratio Lower Upper  
131 100  
133 93.5 47.9 143.6  
119 64.9 30.8 92.3





#67

Ethyl Benzene

Concen: 20.790 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

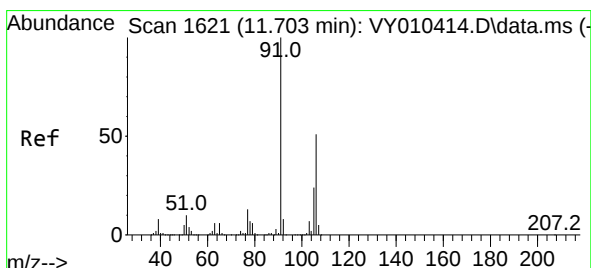
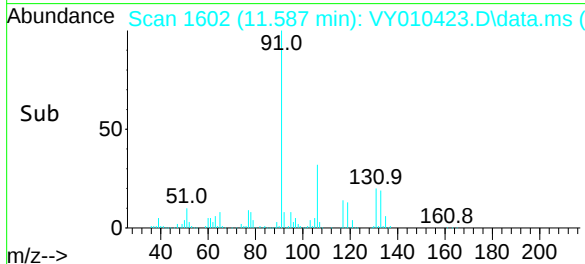
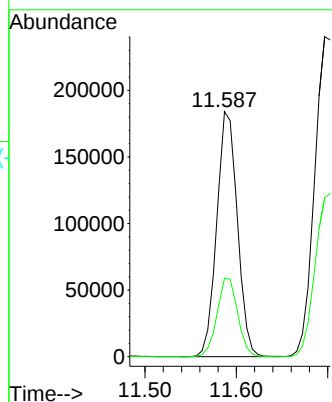
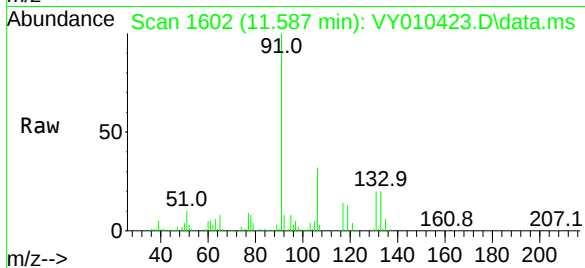
VY0909SBS01

Tgt Ion: 91 Resp: 289225

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 41.976 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY010423.D

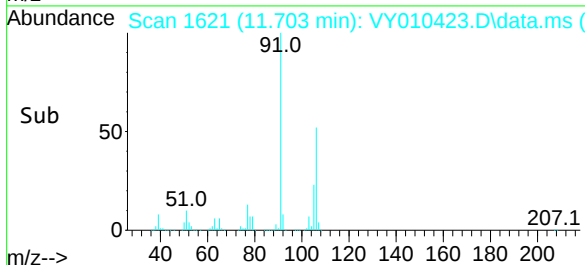
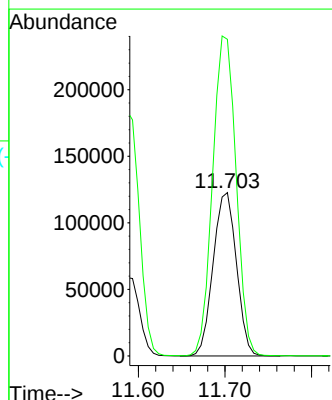
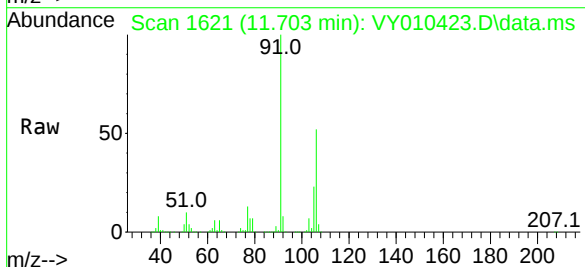
Acq: 09 Sep 2022 17:23

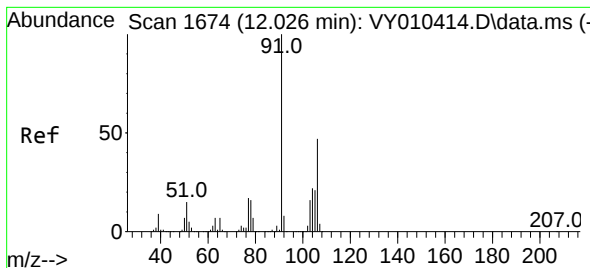
Tgt Ion:106 Resp: 229252

Ion Ratio Lower Upper

106 100

91 197.4 166.6 249.8





#69

o-Xylene

Concen: 20.750 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

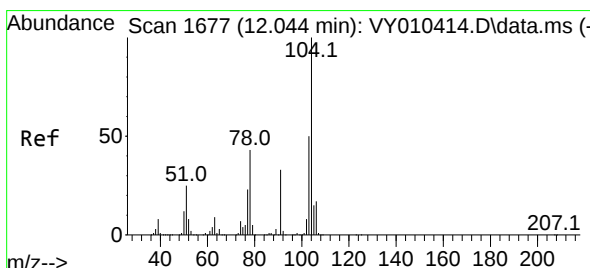
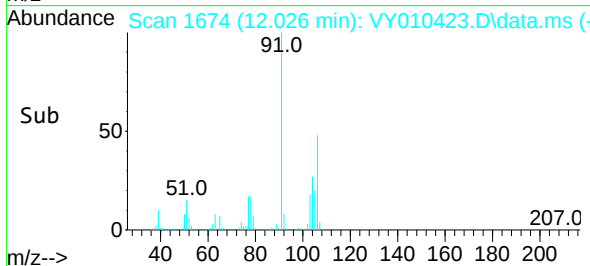
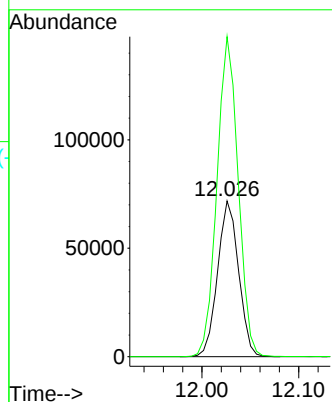
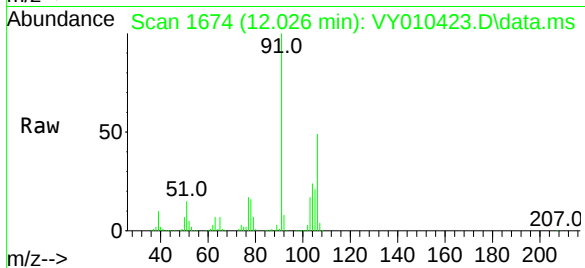
VY0909SBS01

Tgt Ion:106 Resp: 108208

Ion Ratio Lower Upper

106 100

91 207.5 110.3 331.0



#70

Styrene

Concen: 20.579 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

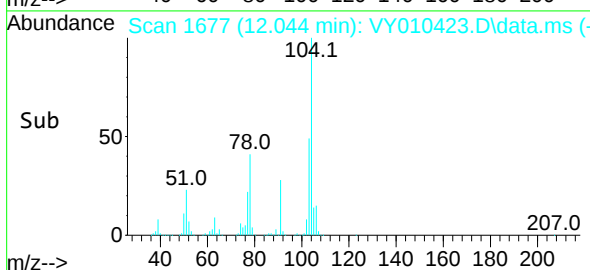
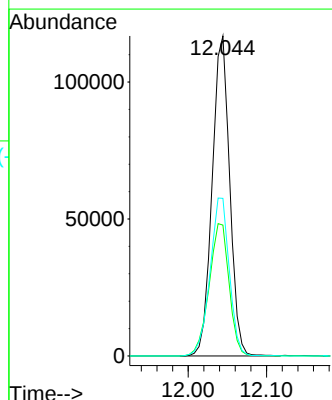
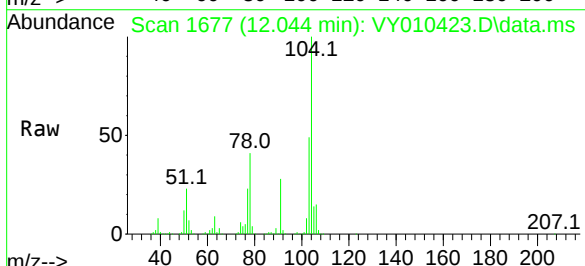
Tgt Ion:104 Resp: 181638

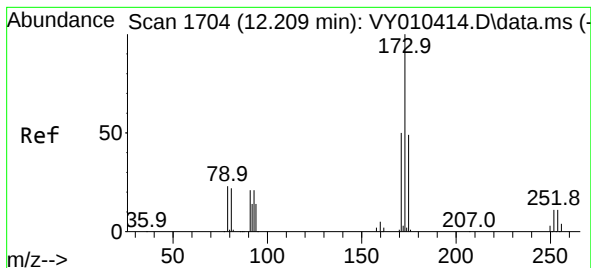
Ion Ratio Lower Upper

104 100

78 47.2 42.4 63.6

103 54.4 44.4 66.6





#71

Bromoform

Concen: 20.242 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0909SBS01

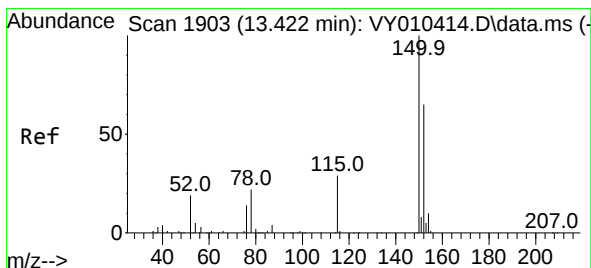
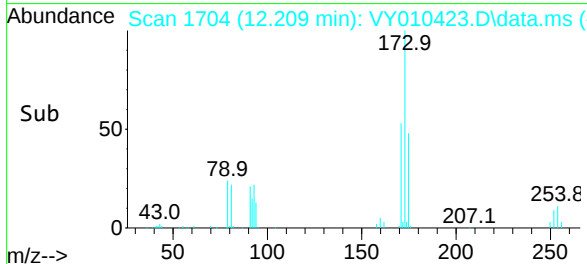
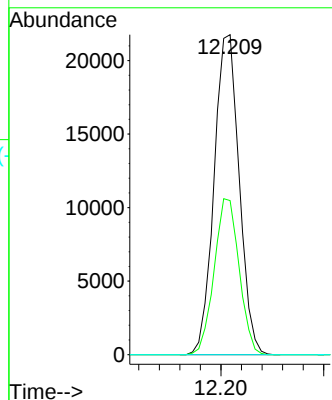
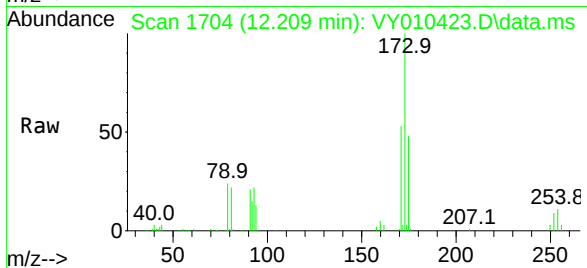
Tgt Ion:173 Resp: 36843

Ion Ratio Lower Upper

173 100

175 48.5 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

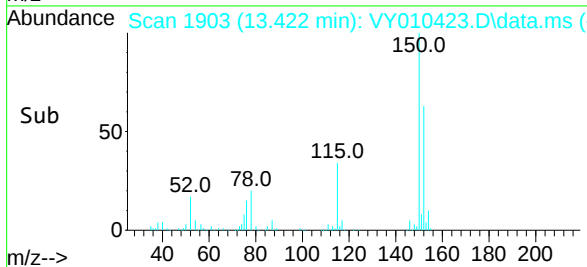
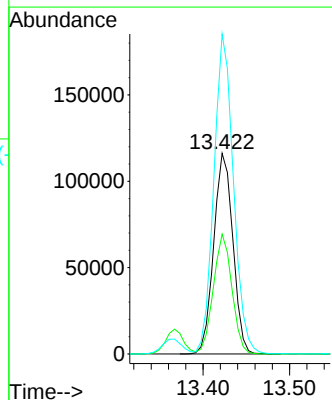
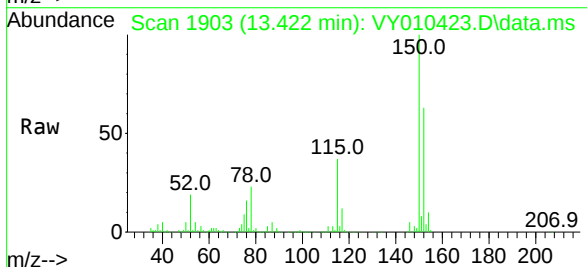
Tgt Ion:152 Resp: 178411

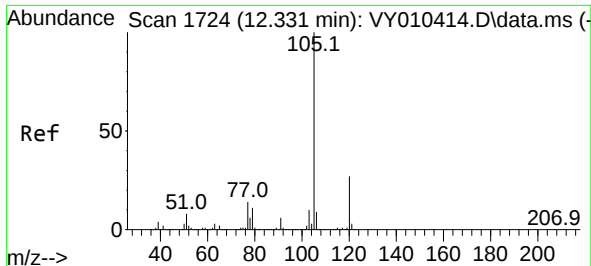
Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 163.2 0.0 347.6

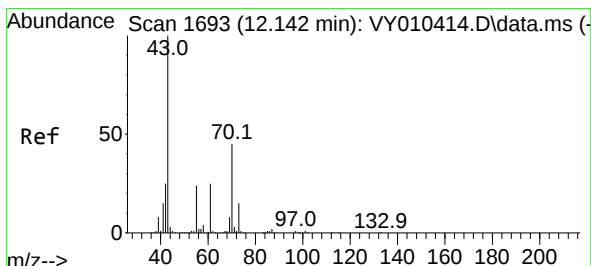
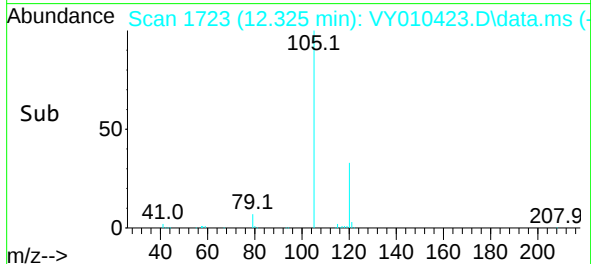
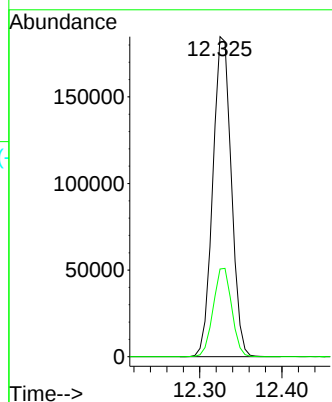
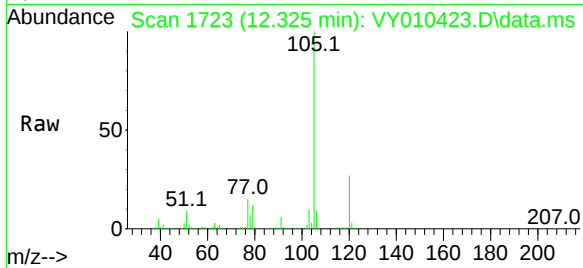




#73  
Isopropylbenzene  
Concen: 20.738 ug/l  
RT: 12.325 min Scan# 1723  
Delta R.T. -0.006 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

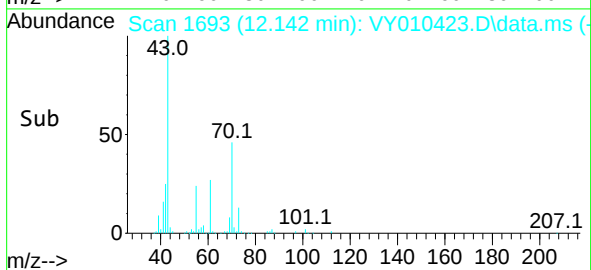
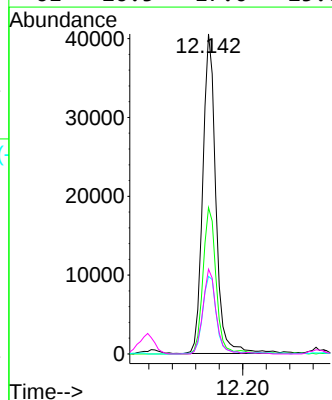
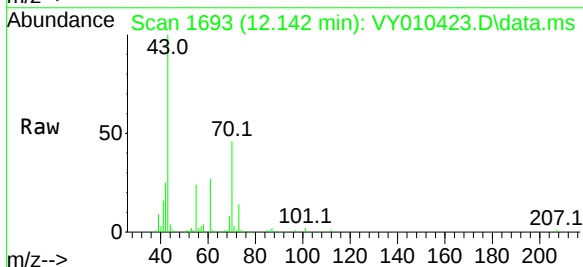
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

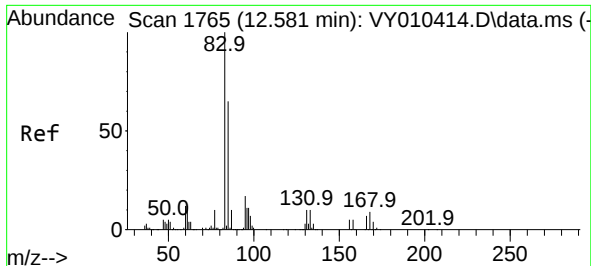
Tgt Ion:105 Resp: 288675  
Ion Ratio Lower Upper  
105 100  
120 27.6 13.4 40.2



#74  
N-ethyl acetate  
Concen: 19.289 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 43 Resp: 62650  
Ion Ratio Lower Upper  
43 100  
70 46.5 28.7 43.1#  
55 25.8 17.3 25.9  
61 26.5 17.0 25.6#

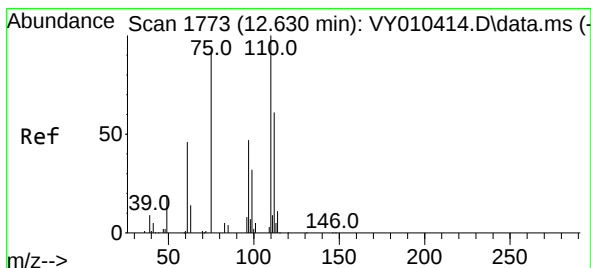
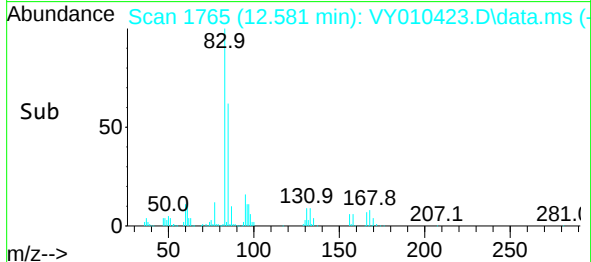
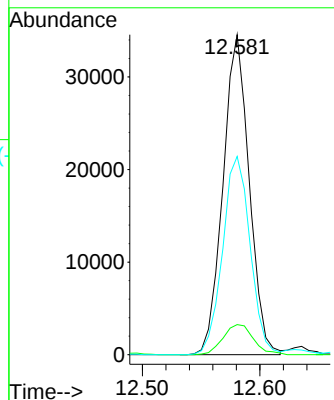
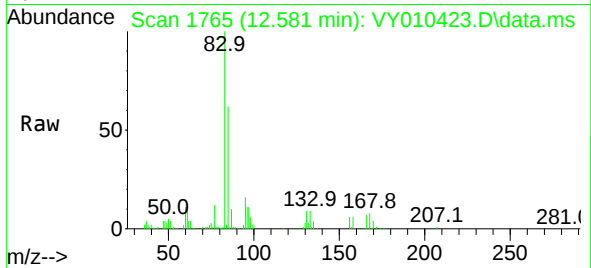




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.567 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

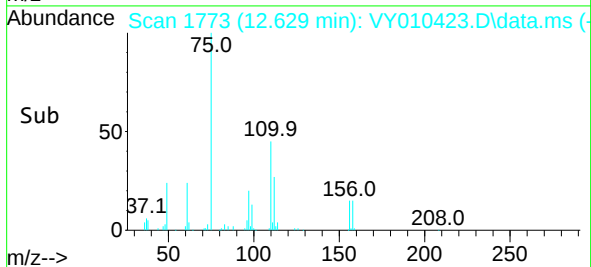
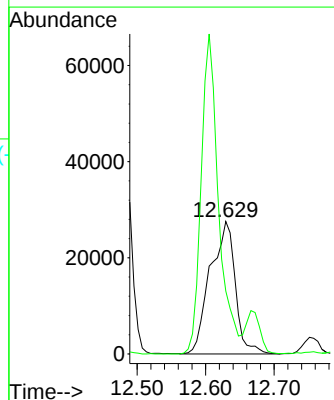
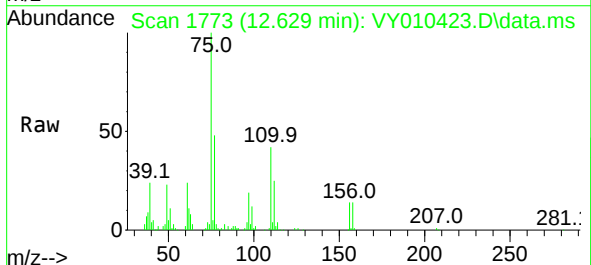
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

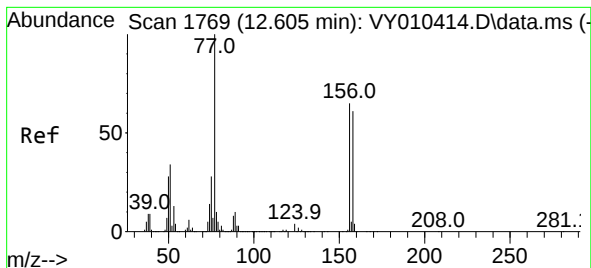
Tgt Ion: 83 Resp: 53557  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.6 16.8  
85 65.1 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 35.592 ug/l  
RT: 12.629 min Scan# 1773  
Delta R.T. -0.001 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 75 Resp: 70083  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.908 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0909SBS01

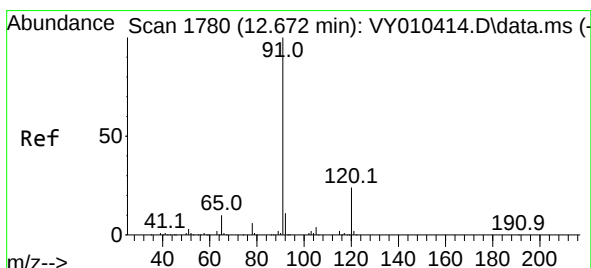
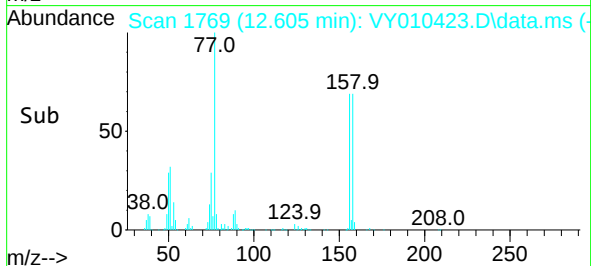
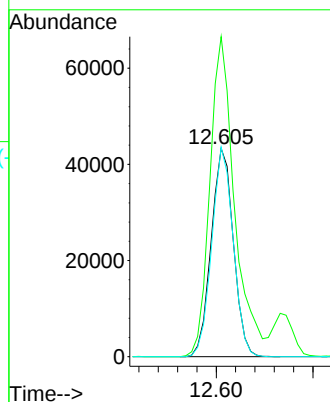
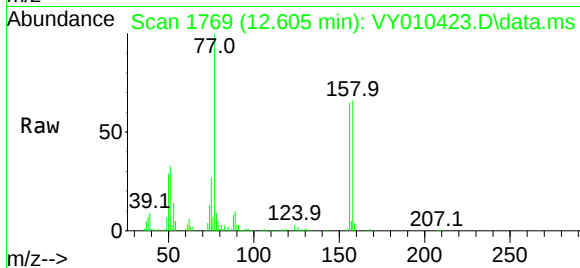
Tgt Ion:156 Resp: 68964

Ion Ratio Lower Upper

156 100

77 170.1 95.5 286.4

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 20.906 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY010423.D

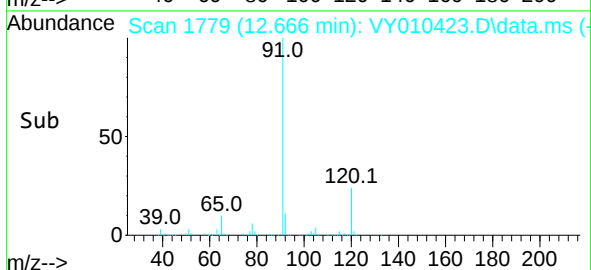
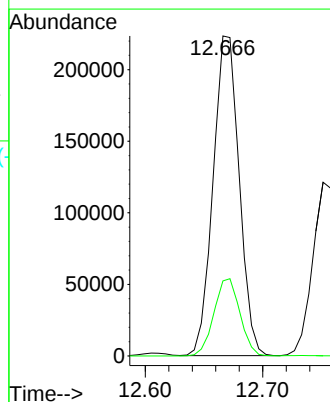
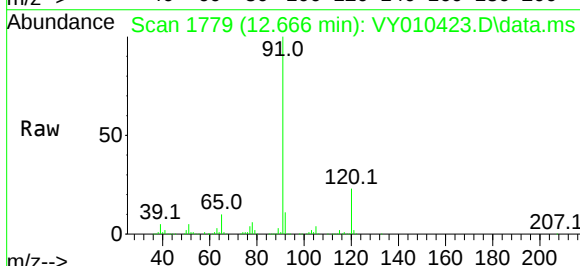
Acq: 09 Sep 2022 17:23

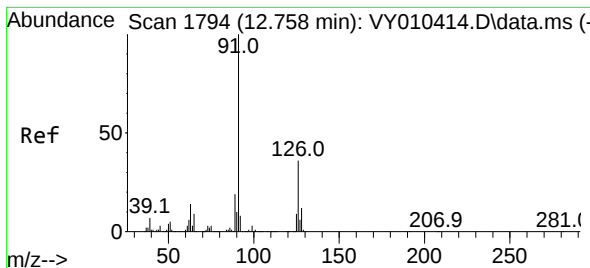
Tgt Ion: 91 Resp: 344608

Ion Ratio Lower Upper

91 100

120 24.0 11.3 33.9





#79

2-Chlorotoluene

Concen: 20.735 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

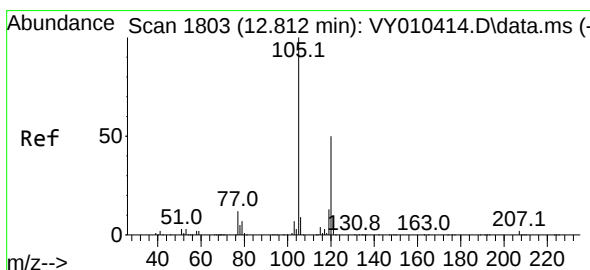
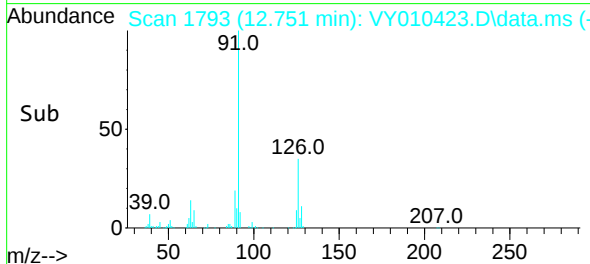
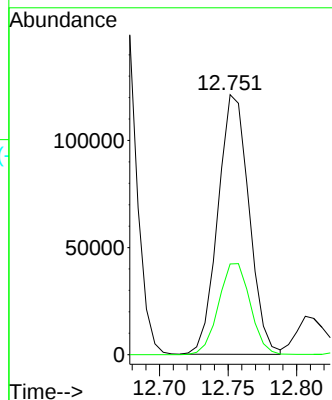
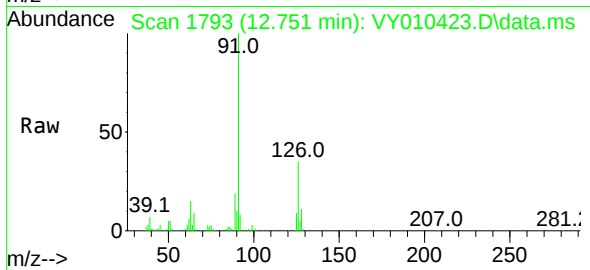
VY0909SBS01

Tgt Ion: 91 Resp: 191998

Ion Ratio Lower Upper

91 100

126 35.7 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 20.747 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY010423.D

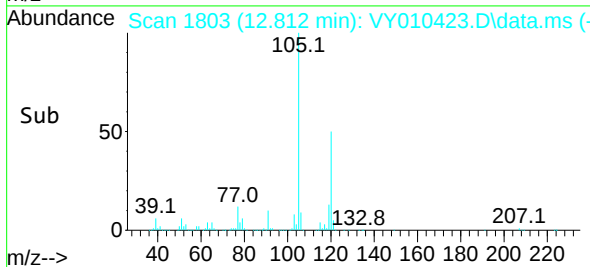
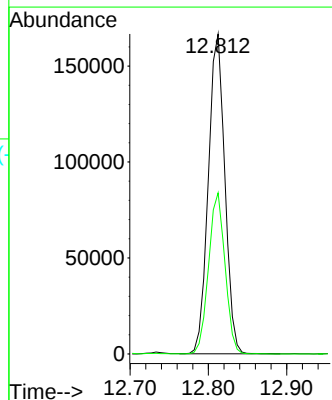
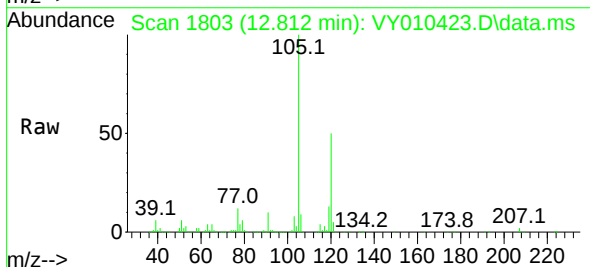
Acq: 09 Sep 2022 17:23

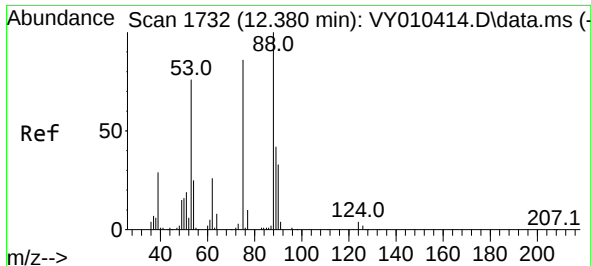
Tgt Ion: 105 Resp: 243681

Ion Ratio Lower Upper

105 100

120 50.2 24.4 73.4

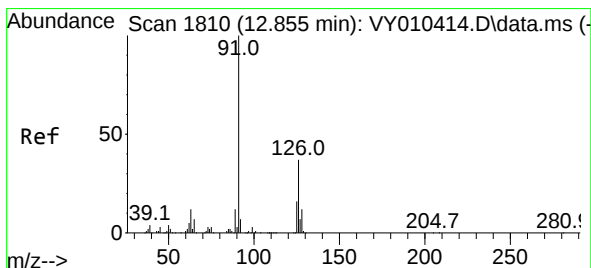
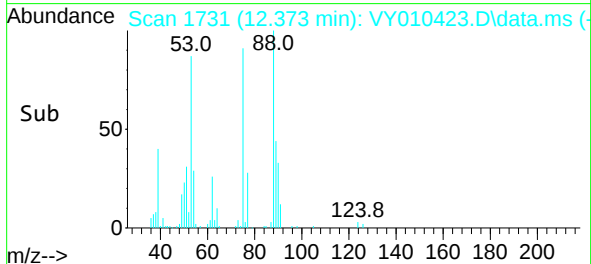
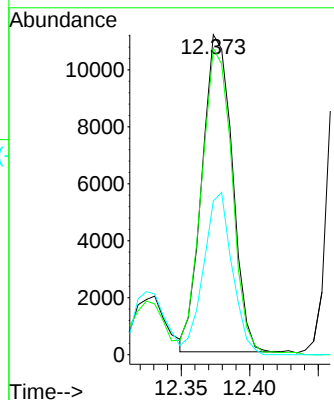
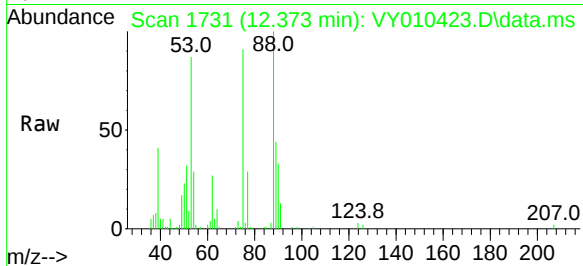




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.288 ug/l  
RT: 12.373 min Scan# 1731  
Delta R.T. -0.007 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

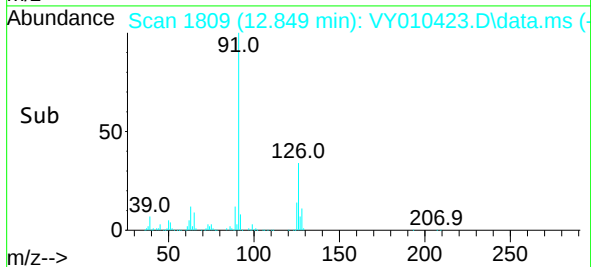
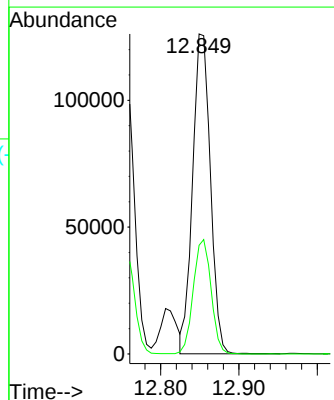
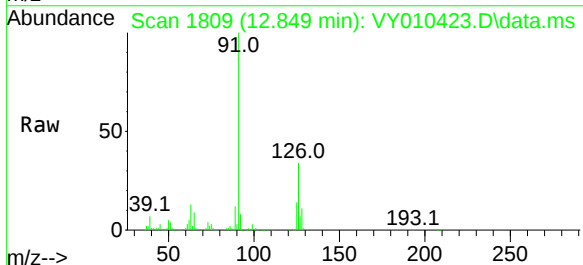
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

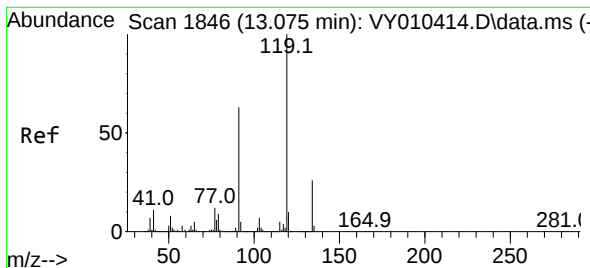
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 99.3  | 85.3  | 127.9 |
| 89      | 48.5  | 37.0  | 55.4  |



#82  
4-Chlorotoluene  
Concen: 20.643 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.9  | 17.0  | 51.0  |





#83

tert-Butylbenzene

Concen: 20.888 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0909SBS01

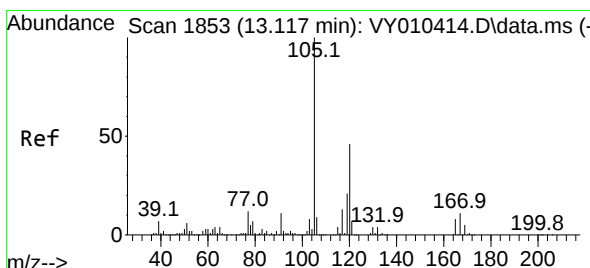
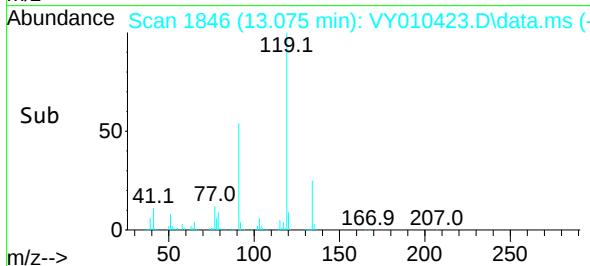
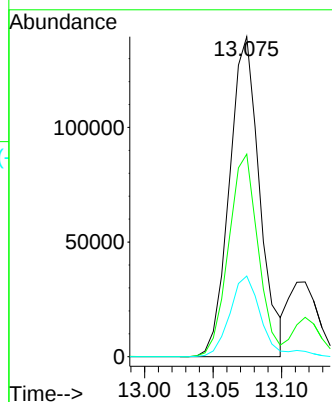
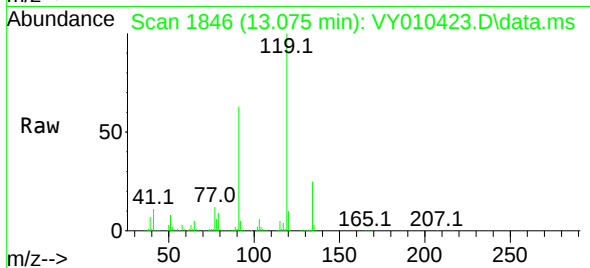
Tgt Ion:119 Resp: 214438

Ion Ratio Lower Upper

119 100

91 62.0 34.8 104.4

134 26.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 21.004 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010423.D

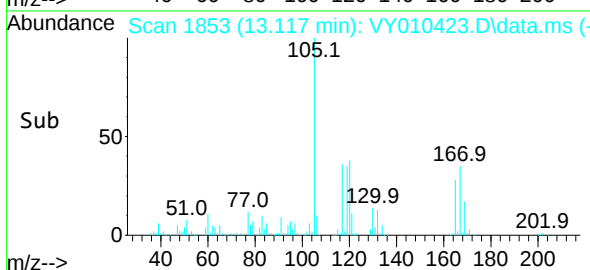
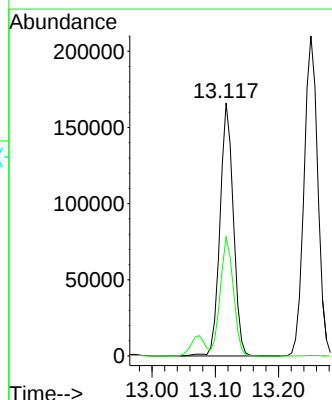
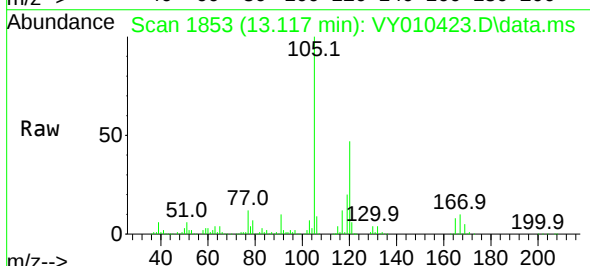
Acq: 09 Sep 2022 17:23

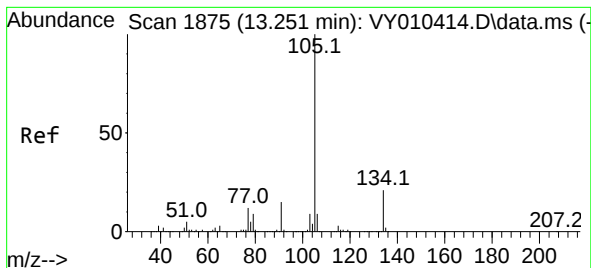
Tgt Ion:105 Resp: 241377

Ion Ratio Lower Upper

105 100

120 46.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.708 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

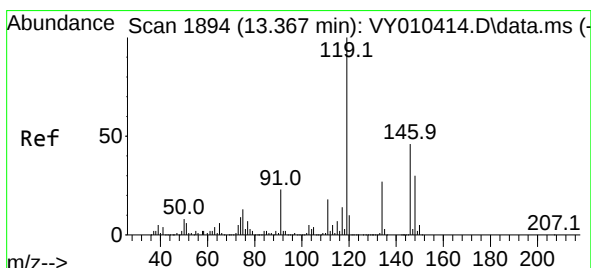
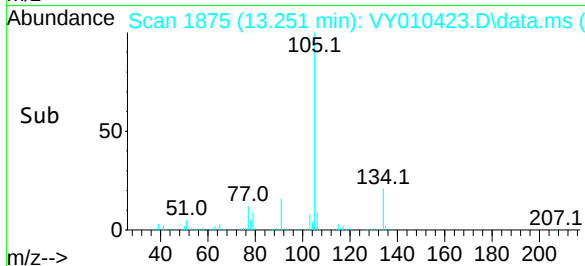
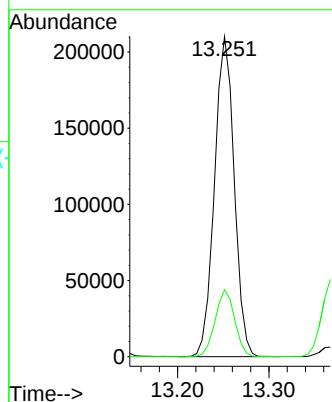
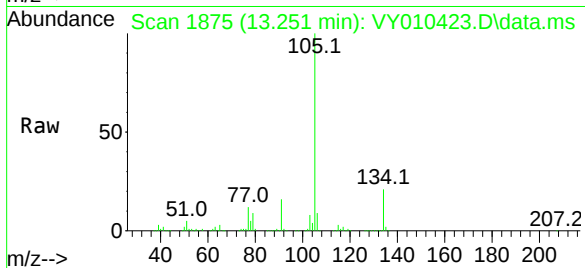
VY0909SBS01

Tgt Ion:105 Resp: 314777

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.767 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

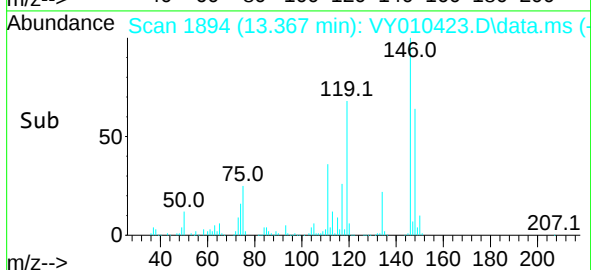
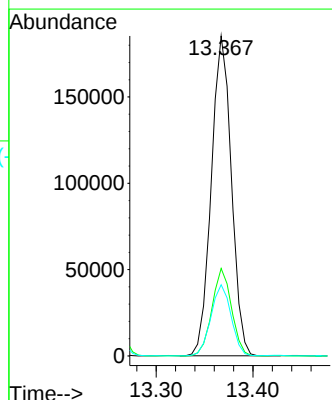
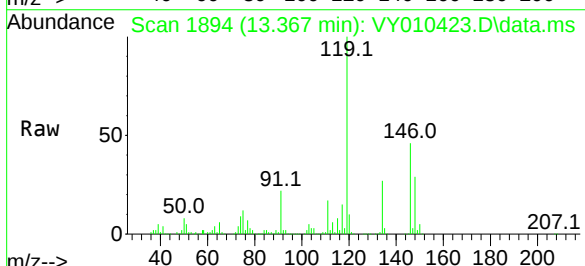
Tgt Ion:119 Resp: 267017

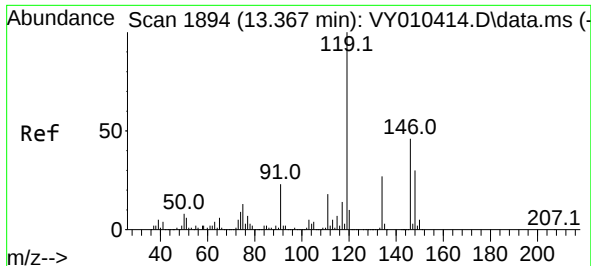
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 22.2 12.4 37.2

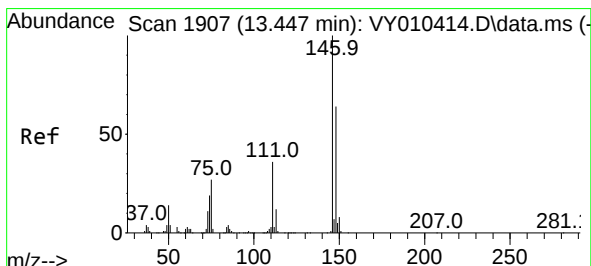
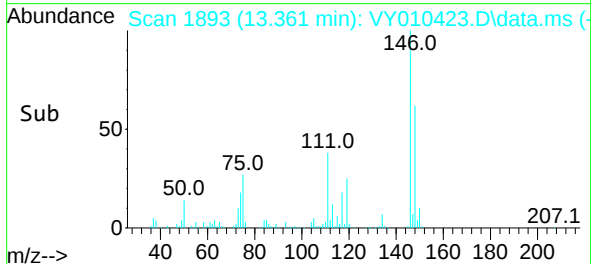
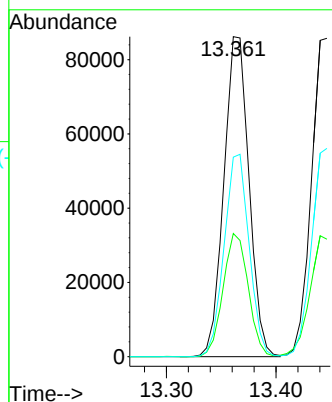
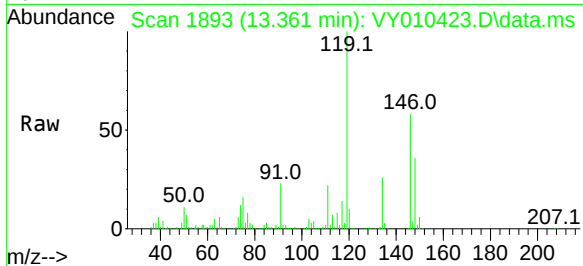




#87  
1,3-Dichlorobenzene  
Concen: 20.725 ug/l  
RT: 13.361 min Scan# 1894  
Delta R.T. -0.006 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

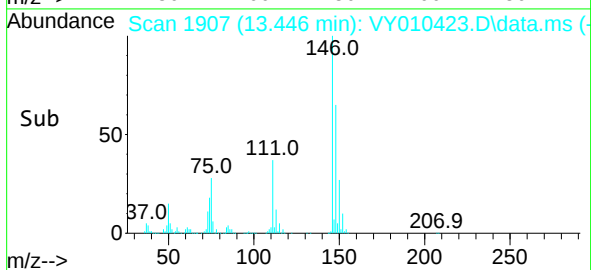
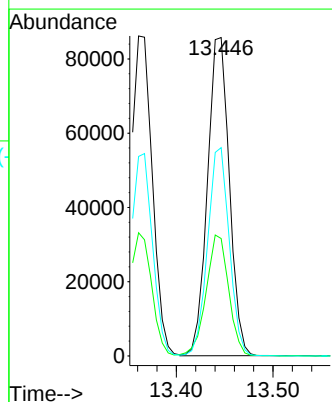
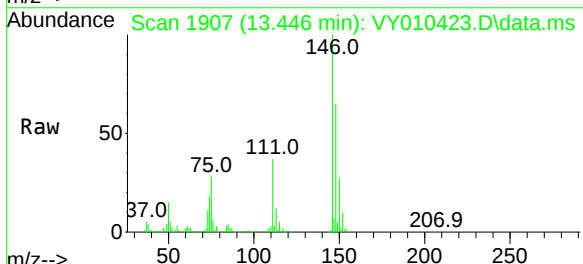
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

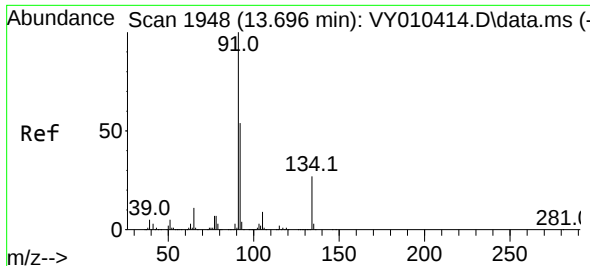
Tgt Ion:146 Resp: 137276  
Ion Ratio Lower Upper  
146 100  
111 38.5 19.5 58.5  
148 62.9 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 20.558 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.001 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion:146 Resp: 134836  
Ion Ratio Lower Upper  
146 100  
111 39.4 19.3 57.8  
148 65.0 32.6 97.8

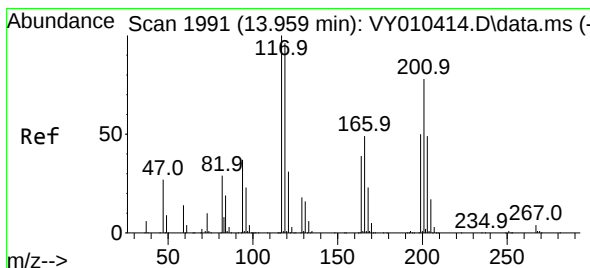
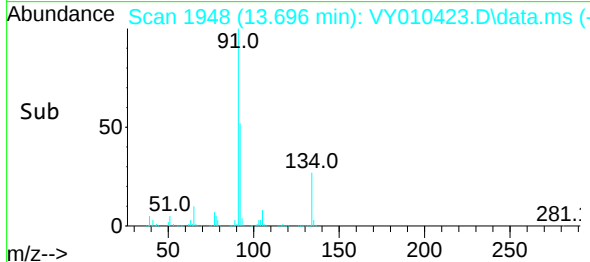
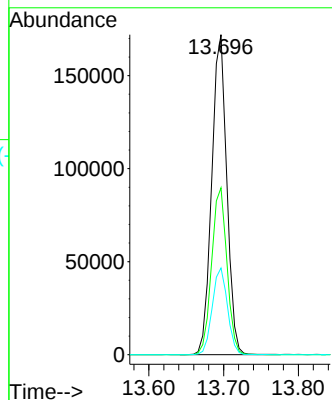
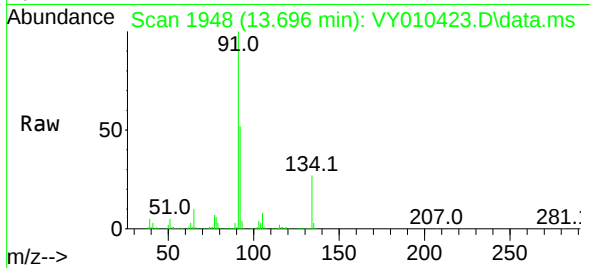




#89  
n-Butylbenzene  
Concen: 20.690 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

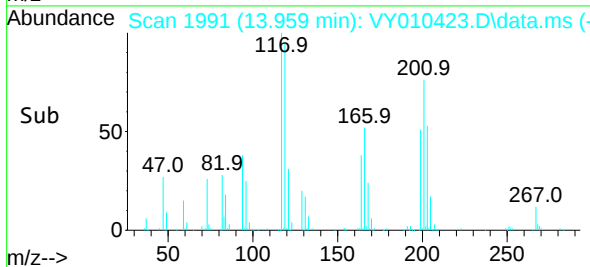
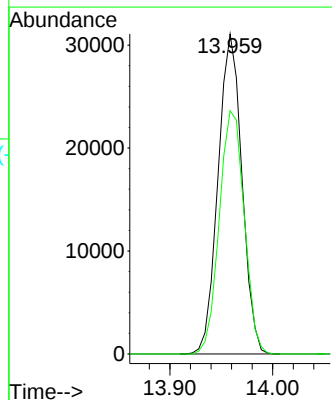
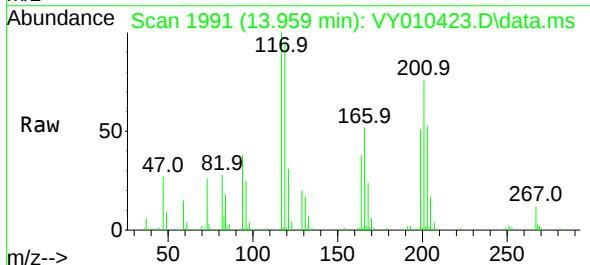
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0909SBS01

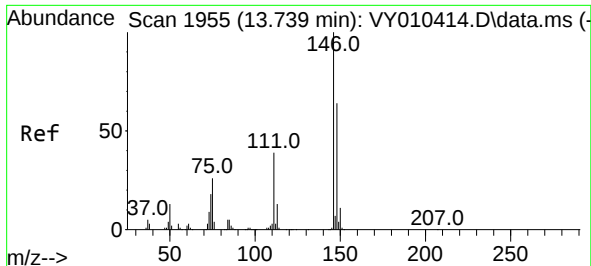
Tgt Ion: 91 Resp: 241475  
Ion Ratio Lower Upper  
91 100  
92 53.0 26.3 78.9  
134 27.3 13.0 38.9



#90  
Hexachloroethane  
Concen: 20.688 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY010423.D  
Acq: 09 Sep 2022 17:23

Tgt Ion: 117 Resp: 49945  
Ion Ratio Lower Upper  
117 100  
201 79.6 43.0 128.8

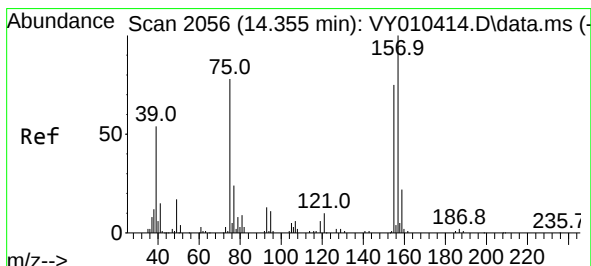
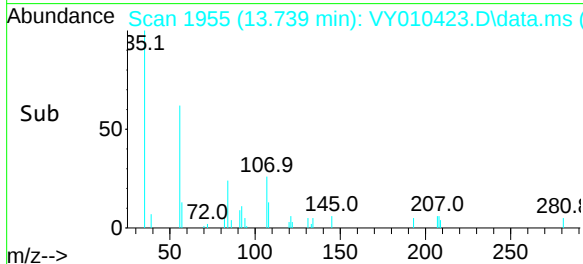
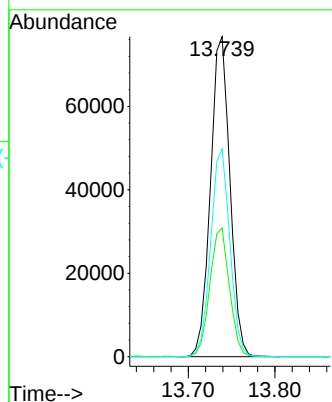
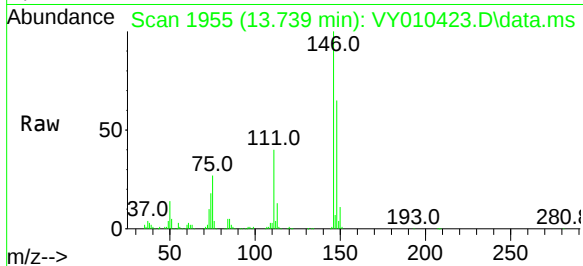




#91  
 1,2-Dichlorobenzene  
 Concen: 20.411 ug/l  
 RT: 13.739 min Scan# 1955  
 Delta R.T. 0.000 min  
 Lab File: VY010423.D  
 Acq: 09 Sep 2022 17:23

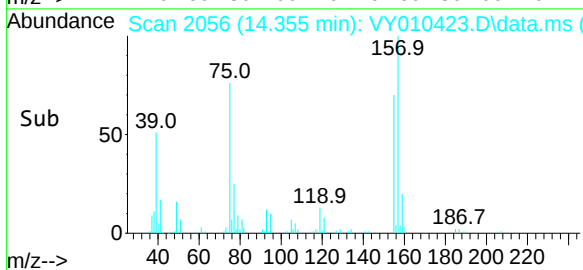
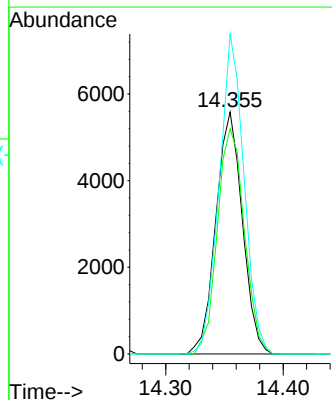
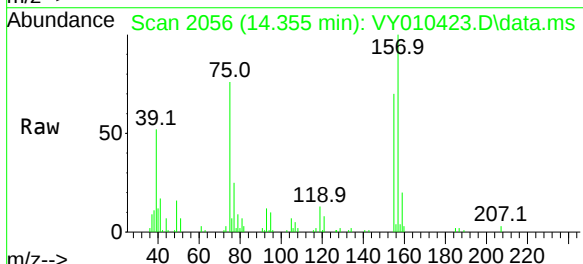
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0909SBS01

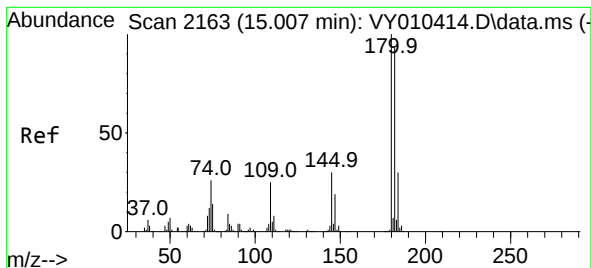
Tgt Ion:146 Resp: 119739  
 Ion Ratio Lower Upper  
 146 100  
 111 40.4 20.3 60.9  
 148 64.0 32.3 96.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.878 ug/l  
 RT: 14.355 min Scan# 2056  
 Delta R.T. -0.000 min  
 Lab File: VY010423.D  
 Acq: 09 Sep 2022 17:23

Tgt Ion: 75 Resp: 8737  
 Ion Ratio Lower Upper  
 75 100  
 155 94.8 38.0 113.9  
 157 123.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.302 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0909SBS01

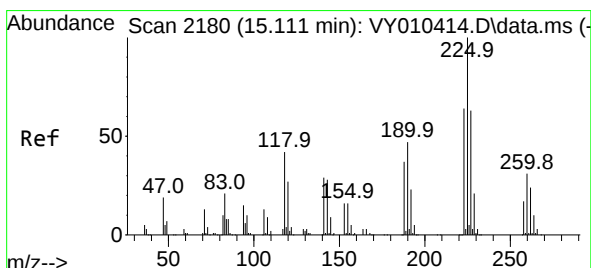
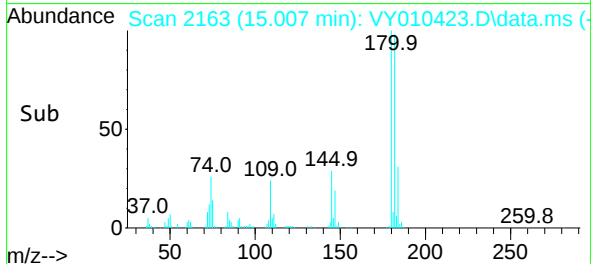
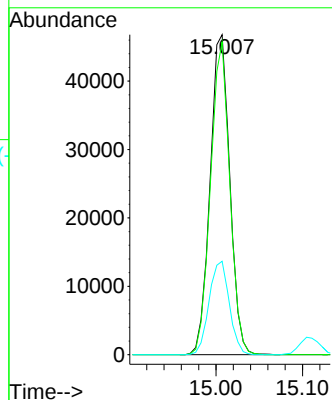
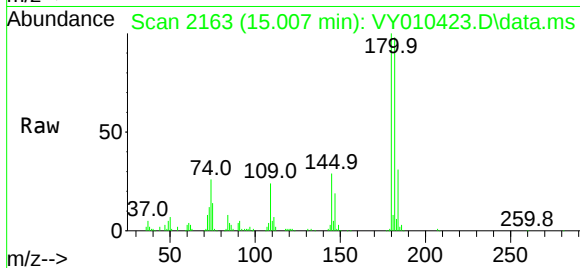
Tgt Ion:180 Resp: 73974

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.941 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

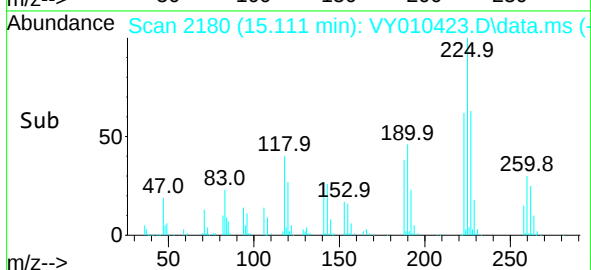
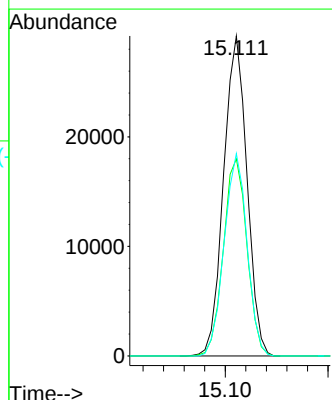
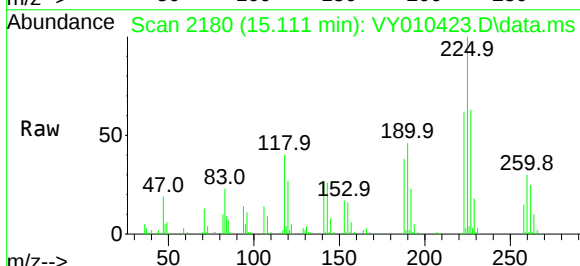
Tgt Ion:225 Resp: 46037

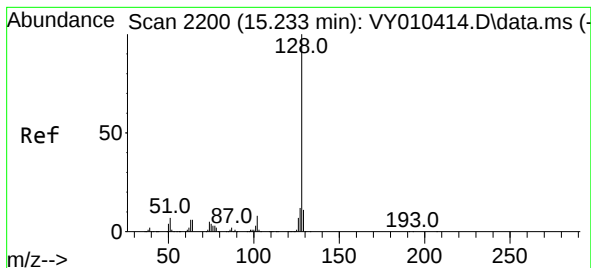
Ion Ratio Lower Upper

225 100

223 62.2 30.8 92.3

227 62.1 31.6 94.7





#95

Naphthalene

Concen: 19.961 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

VY0909SBS01

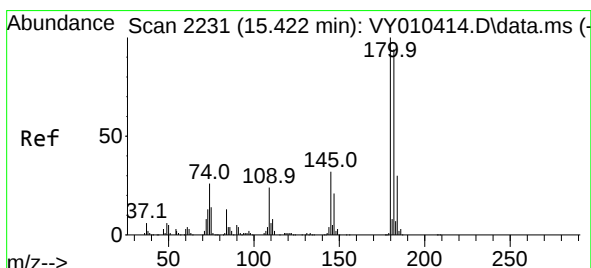
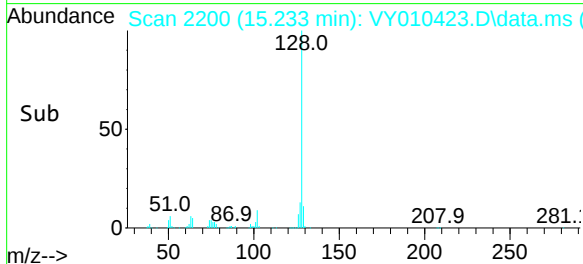
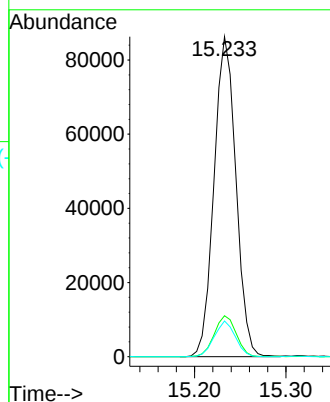
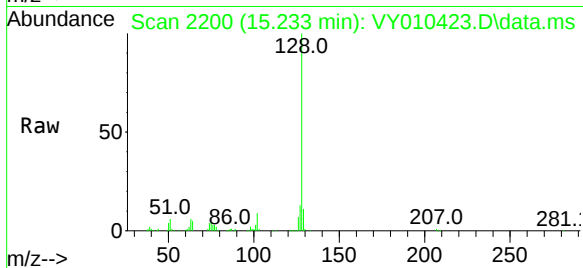
Tgt Ion:128 Resp: 143453

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.864 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010423.D

Acq: 09 Sep 2022 17:23

Tgt Ion:180 Resp: 63180

Ion Ratio Lower Upper

180 100

182 97.1 47.3 141.9

145 31.4 15.3 45.9

