

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090121\  
 Data File : VY005921.D  
 Acq On : 01 Sep 2021 11:34  
 Operator : SY/MD  
 Sample : VY0901SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0901SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/7/2021 4:41:02 PM

Quant Time: Sep 02 07:45:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083121S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 01 05:32:43 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.795  | 168   | 258800   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 375464   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.490 | 117   | 349136   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 188294   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.149  | 65    | 138023   | 52.923   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 105.840% |          |
| 35) Dibromofluoromethane     | 7.728  | 113   | 110686   | 52.493   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 104.980% |          |
| 50) Toluene-d8               | 10.185 | 98    | 469278   | 53.029   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | = 106.060% |          |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 156446   | 52.649   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | = 105.300% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 52638    | 22.779   | ug/l       | 100      |
| 3) Chloromethane             | 2.119  | 50    | 47949    | 19.591   | ug/l       | 98       |
| 4) Vinyl Chloride            | 2.260  | 62    | 61738    | 19.407   | ug/l       | 98       |
| 5) Bromomethane              | 2.644  | 94    | 47375    | 22.073   | ug/l       | 100      |
| 6) Chloroethane              | 2.796  | 64    | 37730    | 19.835   | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 3.131  | 101   | 83690    | 20.595   | ug/l       | 97       |
| 8) Diethyl Ether             | 3.540  | 74    | 28991    | 20.959   | ug/l       | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 3.912  | 101   | 44024    | 20.120   | ug/l       | 99       |
| 10) Methyl Iodide            | 4.101  | 142   | 49336    | 17.942   | ug/l       | 99       |
| 11) Tert butyl alcohol       | 4.948  | 59    | 64031    | 124.855  | ug/l #     | 94       |
| 12) 1,1-Dichloroethene       | 3.881  | 96    | 45068    | 20.287   | ug/l       | 93       |
| 13) Acrolein                 | 3.735  | 56    | 13460    | 146.082  | ug/l       | 99       |
| 14) Allyl chloride           | 4.491  | 41    | 75711    | 20.264   | ug/l       | 99       |
| 15) Acrylonitrile            | 5.174  | 53    | 72062    | 103.014  | ug/l       | 100      |
| 16) Acetone                  | 3.954  | 43    | 65703    | 98.802   | ug/l       | 98       |
| 17) Carbon Disulfide         | 4.198  | 76    | 144456   | 20.358   | ug/l       | 97       |
| 18) Methyl Acetate           | 4.485  | 43    | 36504    | 19.772   | ug/l       | 99       |
| 19) Methyl tert-butyl Ether  | 5.235  | 73    | 137682   | 20.644   | ug/l       | 97       |
| 20) Methylene Chloride       | 4.722  | 84    | 61431    | 21.295   | ug/l       | 99       |
| 21) trans-1,2-Dichloroethene | 5.229  | 96    | 49956    | 20.153   | ug/l       | 94       |
| 22) Diisopropyl ether        | 6.125  | 45    | 156858   | 20.663   | ug/l       | 96       |
| 23) Vinyl Acetate            | 6.070  | 43    | 484090   | 105.084  | ug/l       | 99       |
| 24) 1,1-Dichloroethane       | 6.027  | 63    | 88509    | 20.440   | ug/l       | 100      |
| 25) 2-Butanone               | 6.996  | 43    | 94657    | 100.758  | ug/l       | 98       |
| 26) 2,2-Dichloropropane      | 6.990  | 77    | 83066    | 20.503   | ug/l       | 100      |
| 27) cis-1,2-Dichloroethene   | 6.990  | 96    | 56868    | 20.417   | ug/l       | 99       |
| 28) Bromochloromethane       | 7.344  | 49    | 34489    | 19.321   | ug/l       | 100      |
| 29) Tetrahydrofuran          | 7.356  | 42    | 62592    | 102.828  | ug/l       | 99       |
| 30) Chloroform               | 7.515  | 83    | 91135    | 20.510   | ug/l       | 99       |
| 31) Cyclohexane              | 7.789  | 56    | 87520    | 19.896   | ug/l       | 97       |
| 32) 1,1,1-Trichloroethane    | 7.710  | 97    | 84435    | 20.408   | ug/l       | 99       |
| 36) 1,1-Dichloropropene      | 7.923  | 75    | 71429    | 20.206   | ug/l       | 99       |
| 37) Ethyl Acetate            | 7.082  | 43    | 43051    | 20.335   | ug/l       | 98       |
| 38) Carbon Tetrachloride     | 7.905  | 117   | 78050    | 20.369   | ug/l       | 98       |
| 39) Methylcyclohexane        | 9.185  | 83    | 88280    | 19.716   | ug/l       | 98       |
| 40) Benzene                  | 8.167  | 78    | 206189   | 20.645   | ug/l       | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090121\  
 Data File : VY005921.D  
 Acq On : 01 Sep 2021 11:34  
 Operator : SY/MD  
 Sample : VY0901SBSD01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0901SBSD01

Manual Integrations  
 APPROVED

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 9/7/2021 4:41:02 PM

Quant Time: Sep 02 07:45:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083121S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 01 05:32:43 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.320  | 41   | 20788m   | 17.633  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 67808    | 20.901  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 78846    | 20.504  | ug/l   | 100      |
| 44) Trichloroethene           | 8.941  | 130  | 56153    | 20.048  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 49058    | 20.019  | ug/l   | 94       |
| 46) Dibromomethane            | 9.313  | 93   | 28560    | 20.251  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.502  | 83   | 70587    | 20.595  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.295  | 41   | 35537    | 20.107  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 7453     | 383.733 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 211450   | 102.056 | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 130708   | 20.306  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 78049    | 20.538  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 86210    | 20.676  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 40287    | 19.945  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 59427    | 20.325  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 71834    | 20.512  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 155924   | 103.317 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 148606   | 102.666 | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.984 | 129  | 50767    | 20.471  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 39059    | 20.299  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 56864    | 19.892  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 140677   | 20.081  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 53312    | 20.329  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 248316   | 19.829  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 197921   | 40.079  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 94509    | 20.385  | ug/l   | 98       |
| 70) Styrene                   | 12.044 | 104  | 161434   | 20.413  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 34740    | 20.093  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 248244   | 19.780  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 72297    | 20.078  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 47449    | 19.866  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 32779m   | 18.599  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 62545    | 19.786  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 298204   | 19.881  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 166021   | 19.883  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 209436   | 19.918  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 18373    | 19.826  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 174242   | 19.890  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 183508   | 19.966  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 206976   | 19.844  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.251 | 105  | 269543   | 19.898  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 231129   | 19.691  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 123350   | 20.054  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 123053   | 20.028  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 212081   | 20.195  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.959 | 117  | 41101    | 19.295  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 110126   | 20.192  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 8864     | 19.788  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 75815    | 20.594  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 48438    | 20.425  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 145529   | 20.576  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 65997    | 20.534  | ug/l   | 99       |

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Data File : VY005921.D  
Acq On : 01 Sep 2021 11:34  
Operator : SY/MD  
Sample : VY0901SBSD01  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

Manual Integrations  
APPROVED

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9/7/2021 4:41:02 PM

Quant Time: Sep 02 07:45:53 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y083121S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 01 05:32:43 2021  
Response via : Initial Calibration

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

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

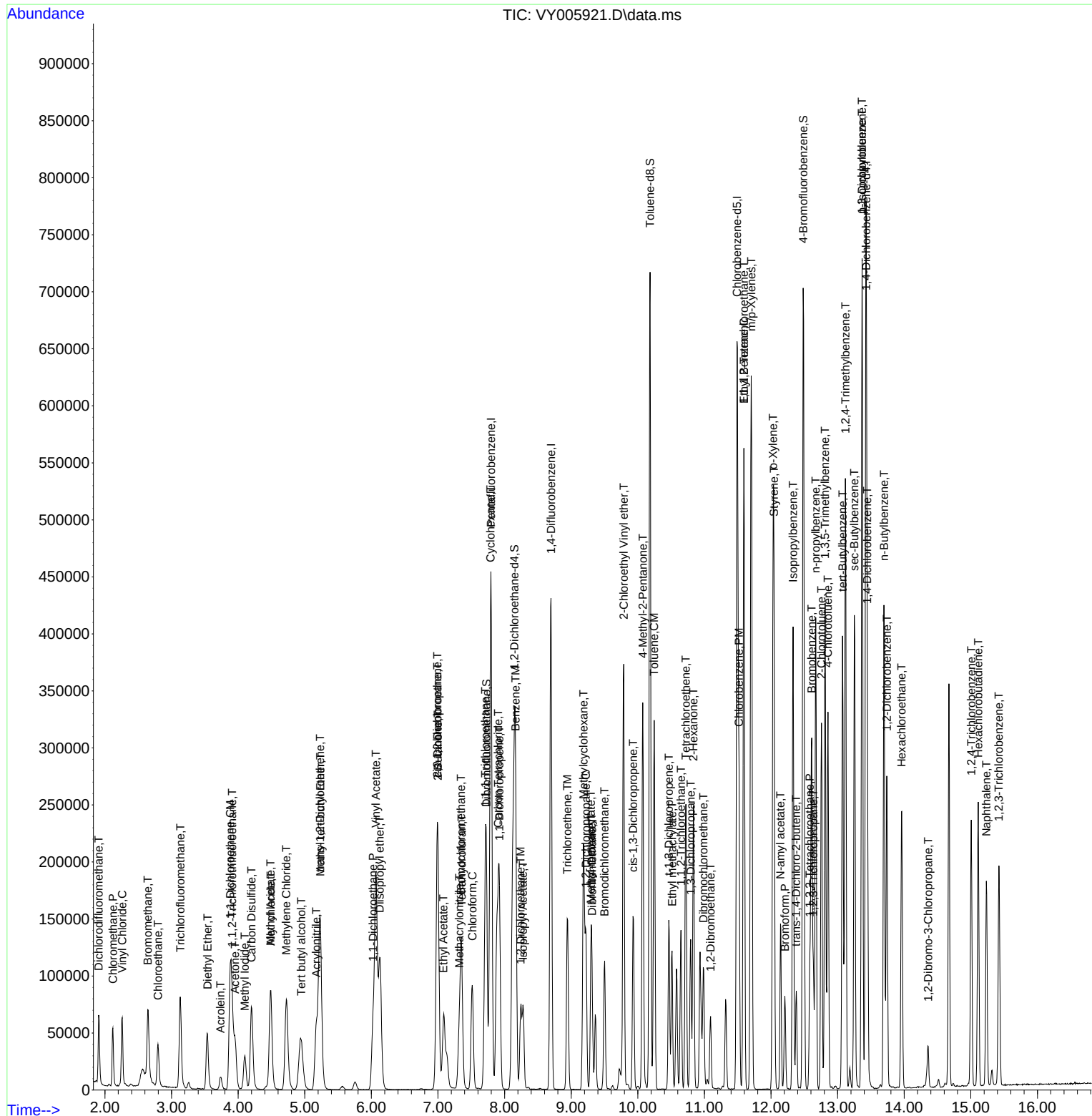
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 Data File : VY005921.D  
 Acq On : 01 Sep 2021 11:34  
 Operator : SY/MD  
 Sample : VY0901SBSD01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

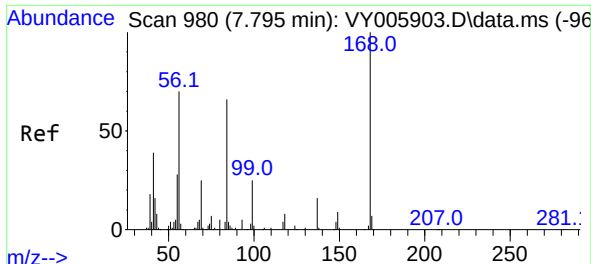
Instrument :  
 MSVOA\_Y  
 Client Sample Id :  
 VY0901SBSD01

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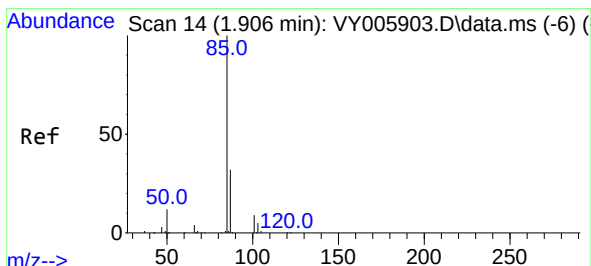
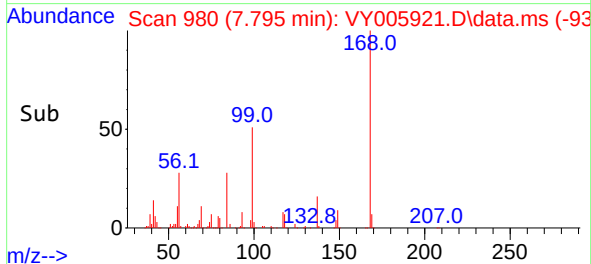
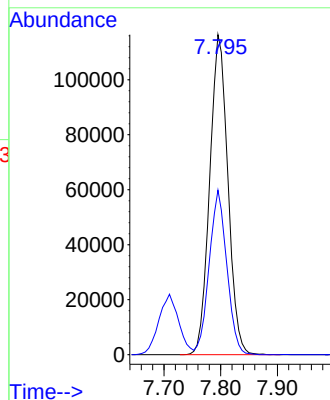
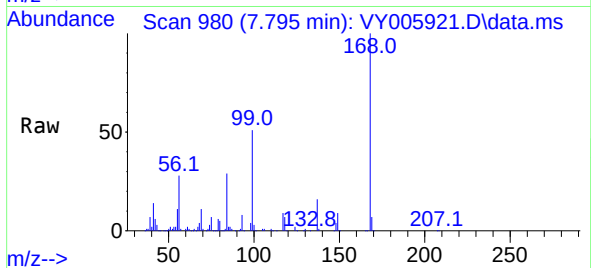
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 168 Resp: 258800  
Ion Ratio Lower Upper  
168 100  
99 51.4 40.6 60.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

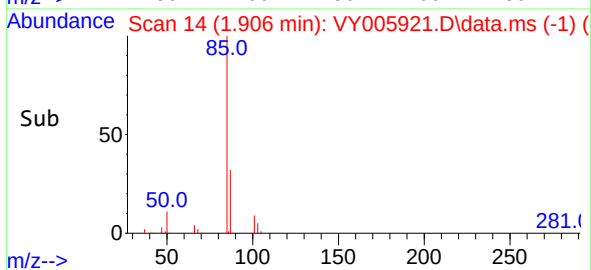
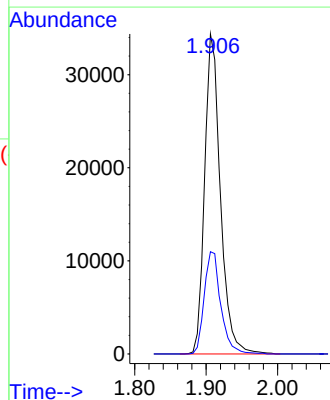
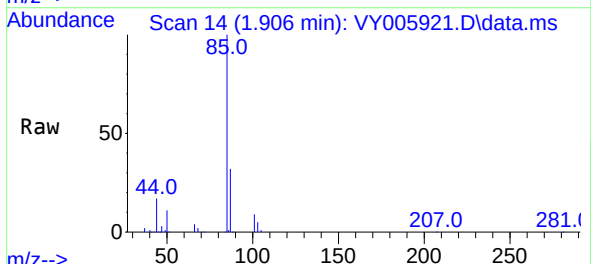
Manual Integrations  
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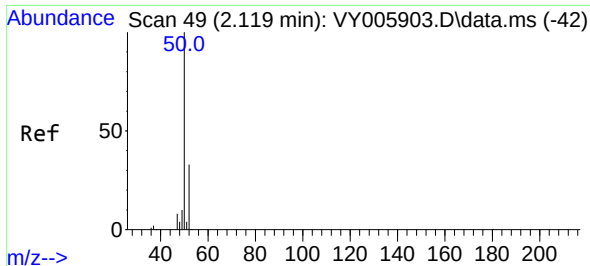
MMDadoda  
9/7/2021 4:41:02 PM



#2  
Dichlorodifluoromethane  
Concen: 22.779 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 85 Resp: 52638  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.1 48.2





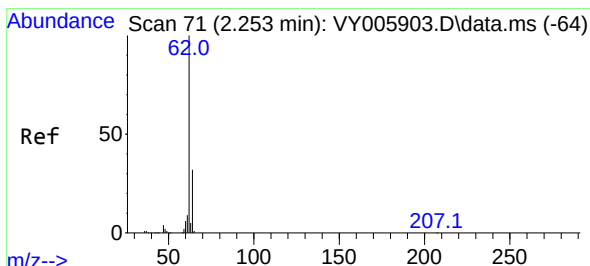
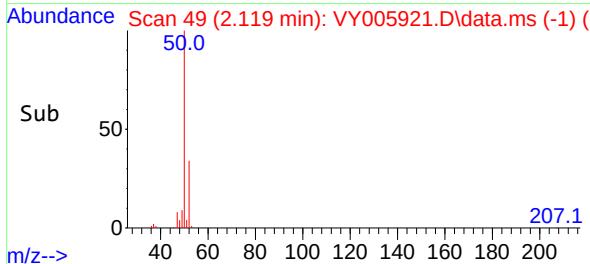
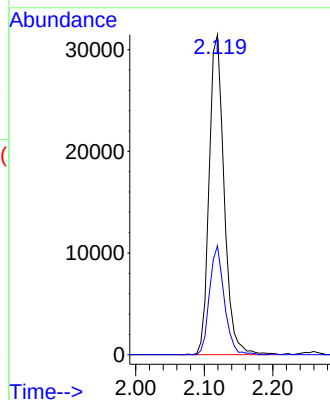
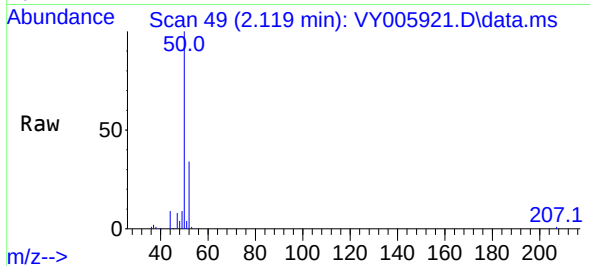
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Chloromethane  
Concen: 19.591 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 50 Resp: 47949  
Ion Ratio Lower Upper  
50 100  
52 34.1 26.2 39.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

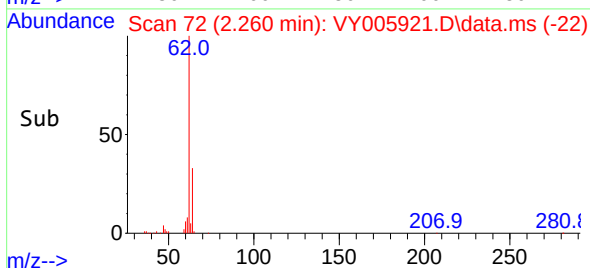
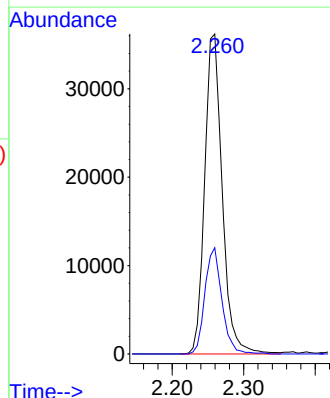
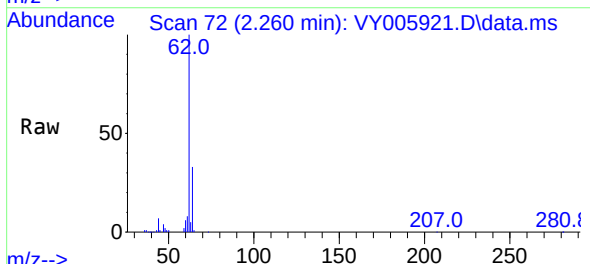
Manual Integrations  
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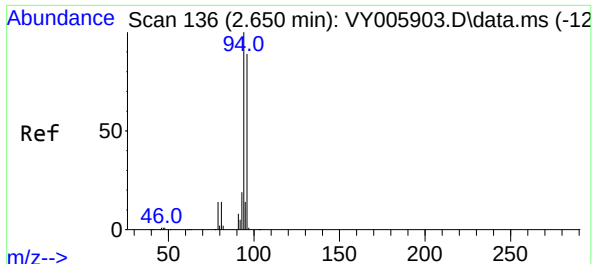
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9/7/2021 4:41:02 PM



#4  
Vinyl Chloride  
Concen: 19.407 ug/l  
RT: 2.260 min Scan# 72  
Delta R.T. 0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 62 Resp: 61738  
Ion Ratio Lower Upper  
62 100  
64 33.2 25.7 38.5





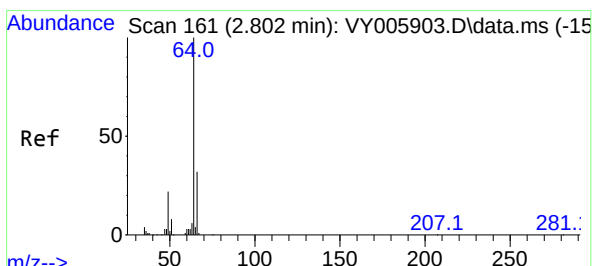
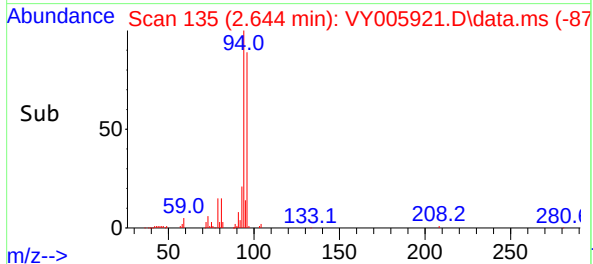
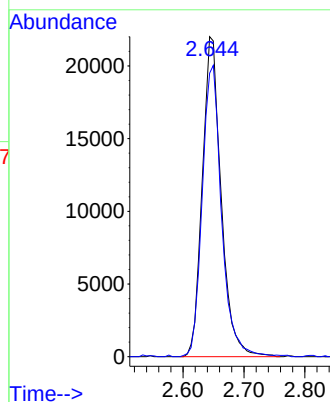
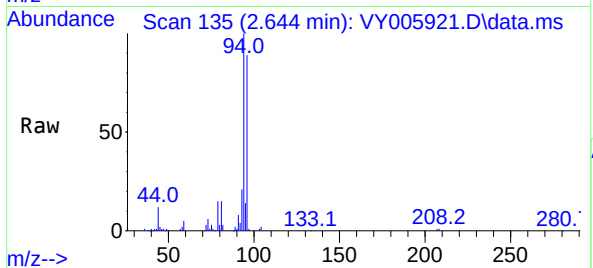
#5  
Bromomethane  
Concen: 22.073 ug/l  
RT: 2.644 min Scan# 135  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 94 Resp: 47375  
Ion Ratio Lower Upper  
94 100  
96 88.6 70.8 106.2

Instrument :  
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VY0901SBSD01

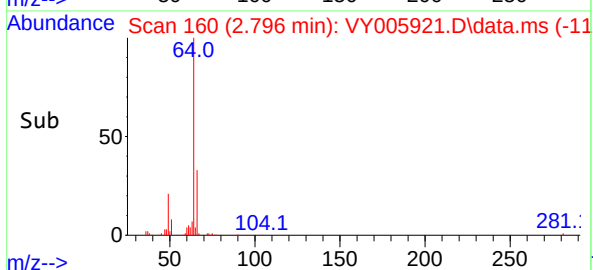
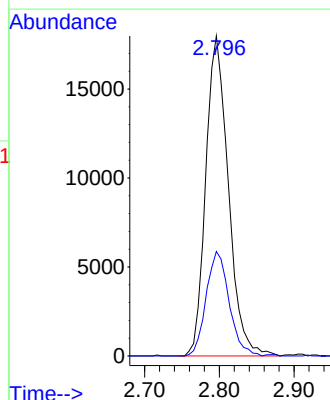
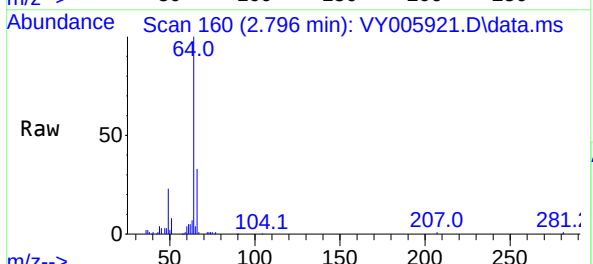
Manual Integrations  
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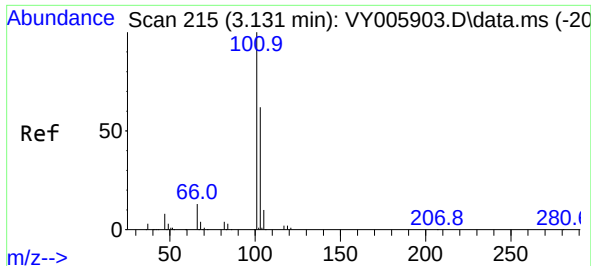
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#6  
Chloroethane  
Concen: 19.835 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 64 Resp: 37730  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.3 37.9





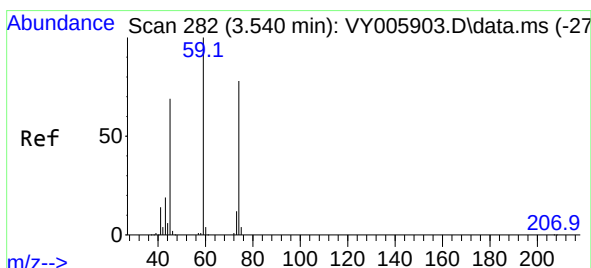
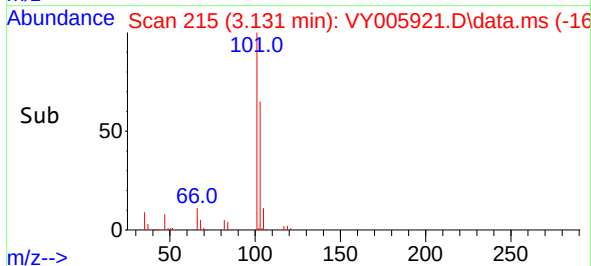
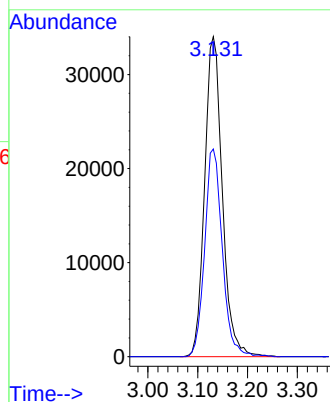
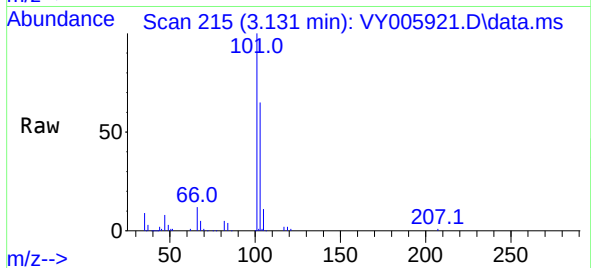
#7  
Trichlorofluoromethane  
Concen: 20.595 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion:101 Resp: 83690  
Ion Ratio Lower Upper  
101 100  
103 64.9 49.8 74.8

Instrument :  
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ClientSampleId :  
VY0901SBSD01

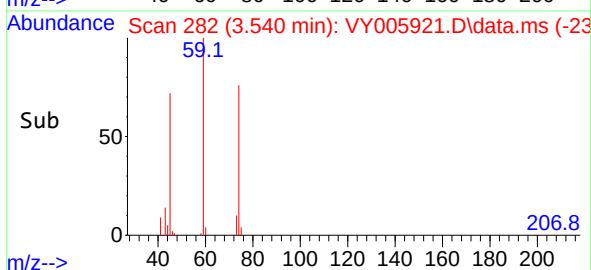
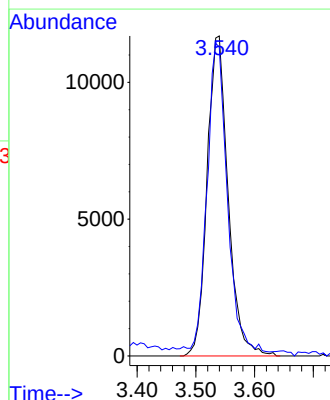
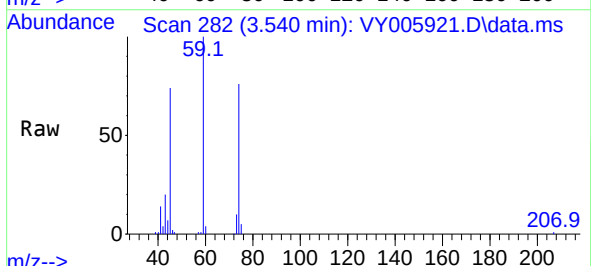
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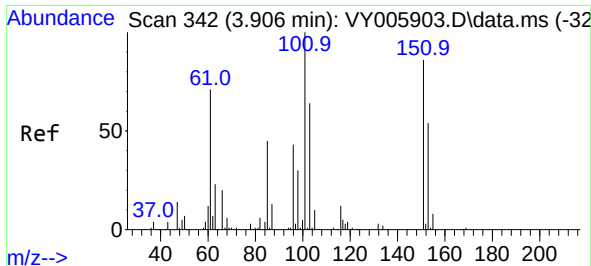


#8  
Diethyl Ether  
Concen: 20.959 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 74 Resp: 28991  
Ion Ratio Lower Upper  
74 100  
45 92.7 46.8 140.3







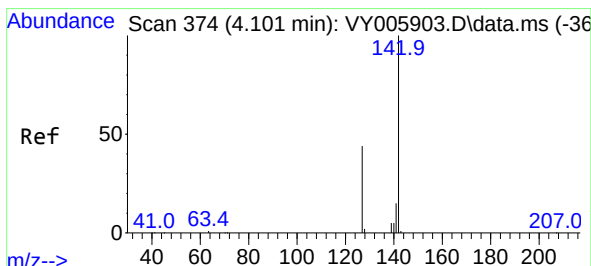
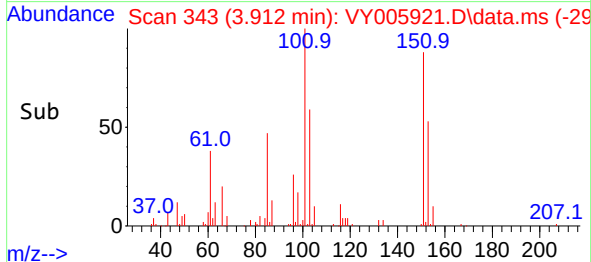
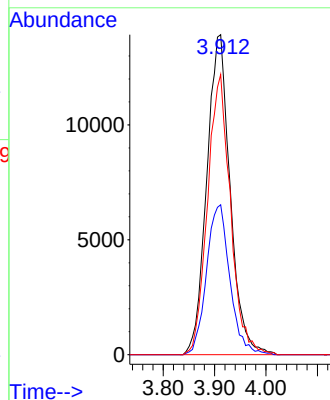
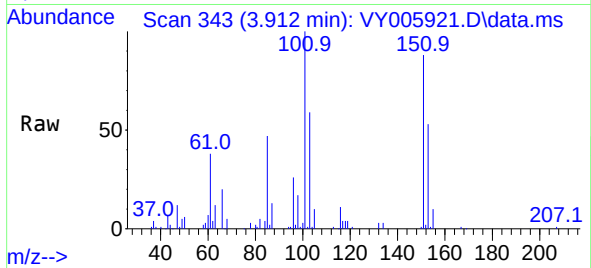
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.120 ug/l  
RT: 3.912 min Scan# 343  
Delta R.T. 0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion:101 Resp: 44024  
Ion Ratio Lower Upper  
101 100  
85 46.8 36.0 54.0  
151 85.9 68.2 102.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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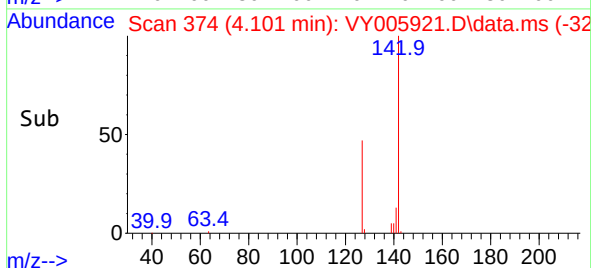
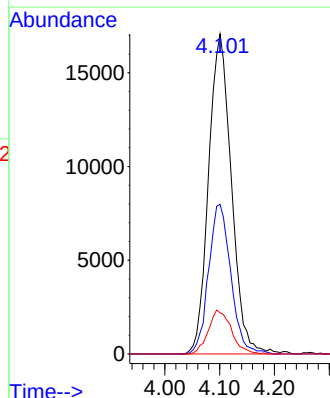
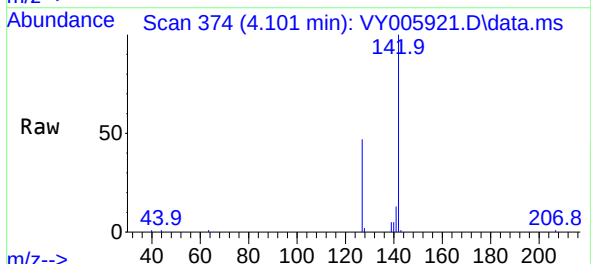
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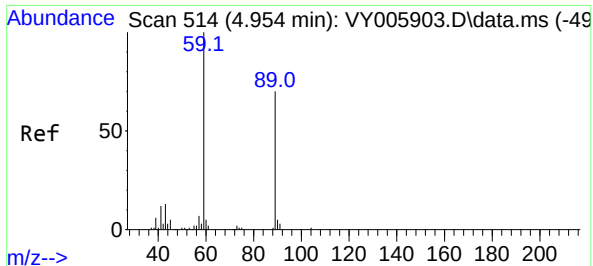
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#10  
Methyl Iodide  
Concen: 17.942 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion:142 Resp: 49336  
Ion Ratio Lower Upper  
142 100  
127 45.6 36.7 55.1  
141 13.8 11.8 17.8





#11

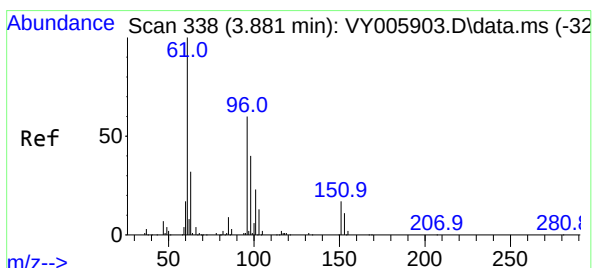
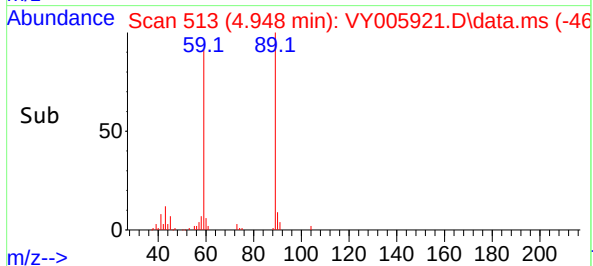
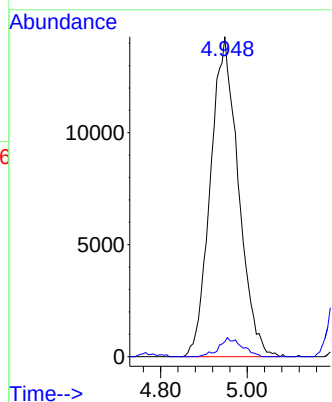
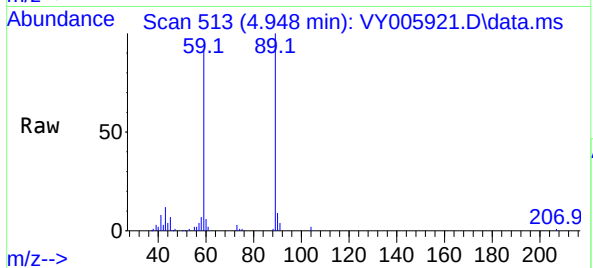
Tert butyl alcohol  
Concen: 124.855 ug/l  
RT: 4.948 min Scan# 513  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 59 Resp: 64031  
Ion Ratio Lower Upper  
59 100  
57 4.9 5.5 8.3#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

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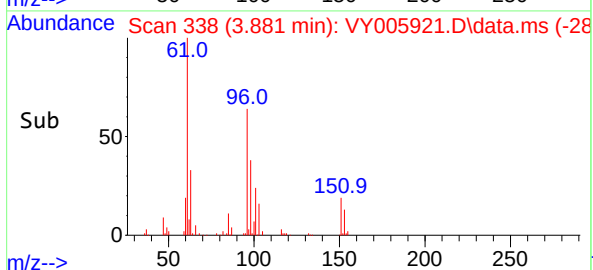
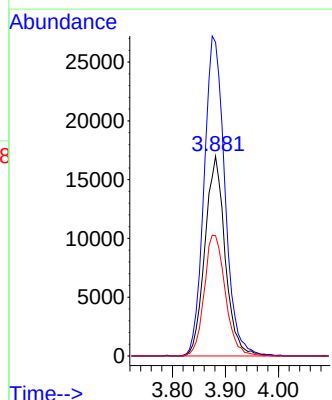
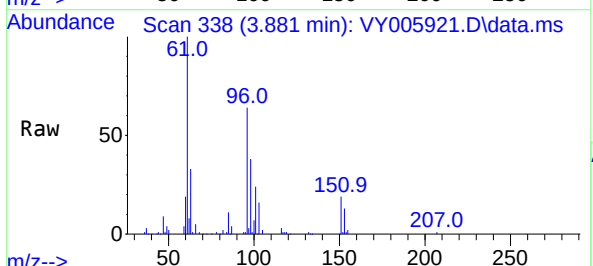
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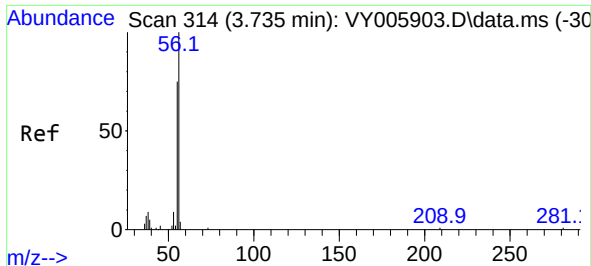


#12

1,1-Dichloroethene  
Concen: 20.287 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 96 Resp: 45068  
Ion Ratio Lower Upper  
96 100  
61 157.1 132.8 199.2  
98 60.3 52.7 79.1





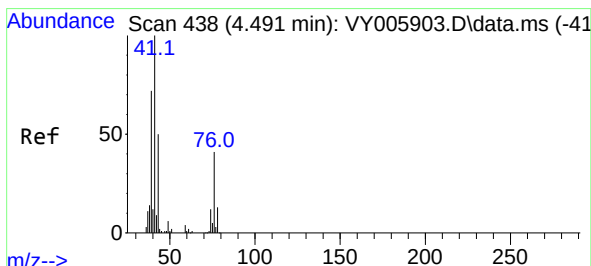
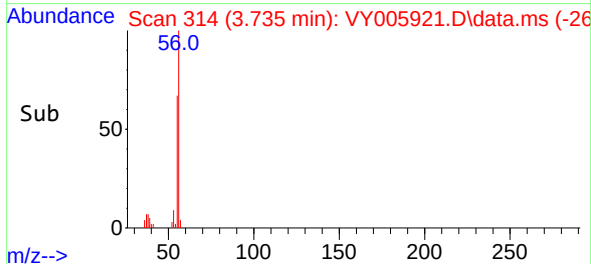
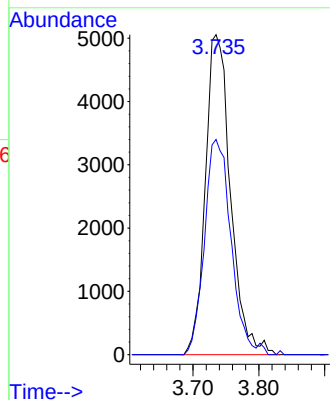
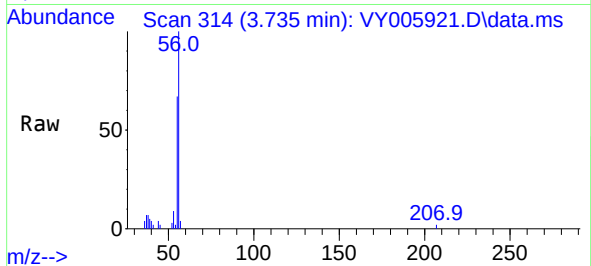
#13  
Acrolein  
Concen: 146.082 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. -0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 56 Resp: 13460  
Ion Ratio Lower Upper  
56 100  
55 70.9 57.6 86.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

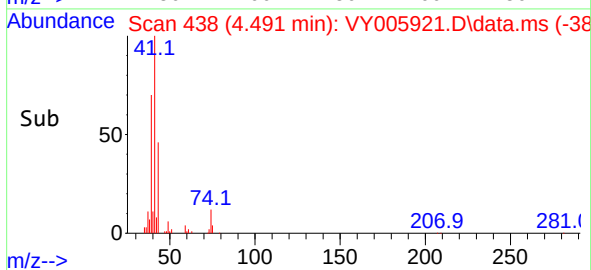
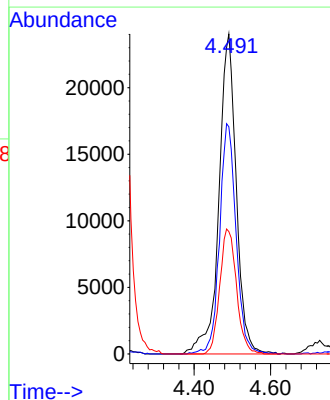
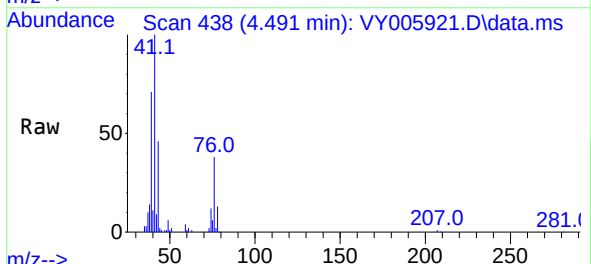
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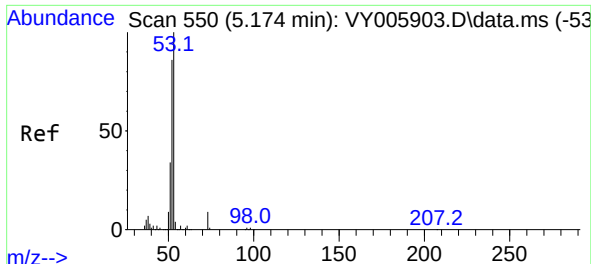
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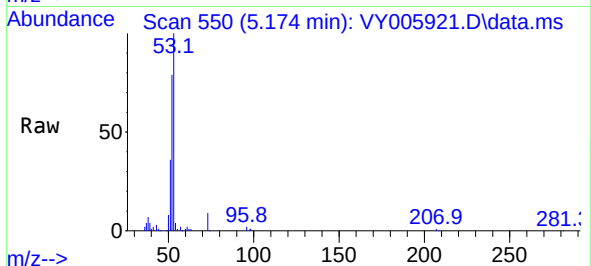
#14  
Allyl chloride  
Concen: 20.264 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 41 Resp: 75711  
Ion Ratio Lower Upper  
41 100  
39 68.4 53.8 80.6  
76 37.6 29.6 44.4



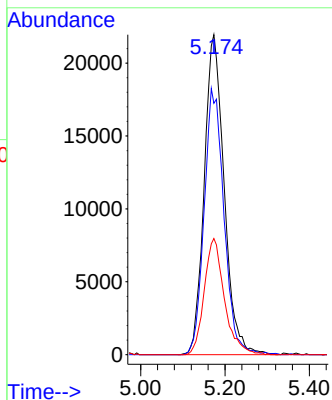


#15  
Acrylonitrile  
Concen: 103.014 ug/l  
RT: 5.174 min Scan# 550  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



Tgt Ion: 53 Resp: 72062

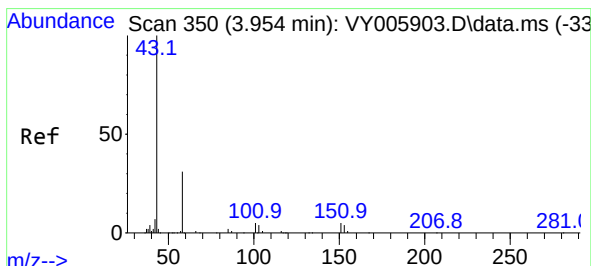
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.0  | 66.3  | 99.5  |
| 51  | 37.0  | 29.0  | 43.4  |



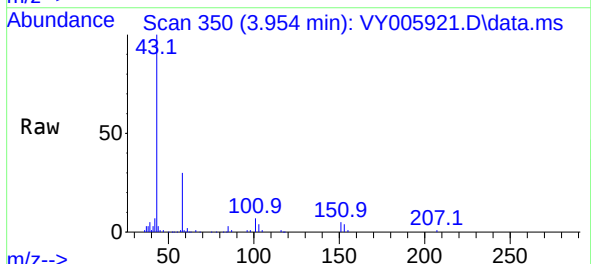
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

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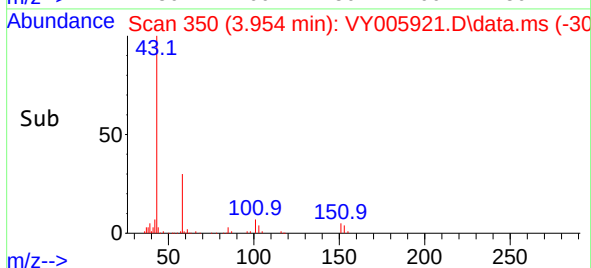
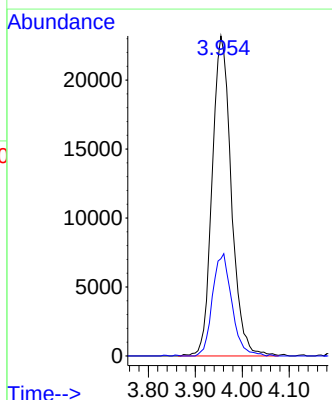


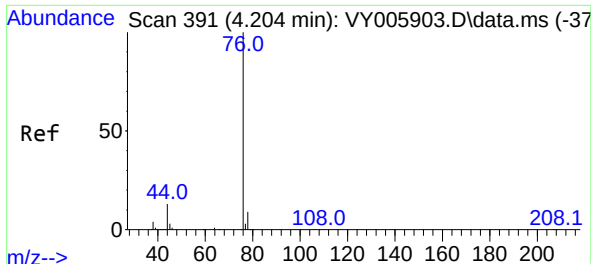
#16  
Acetone  
Concen: 98.802 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



Tgt Ion: 43 Resp: 65703

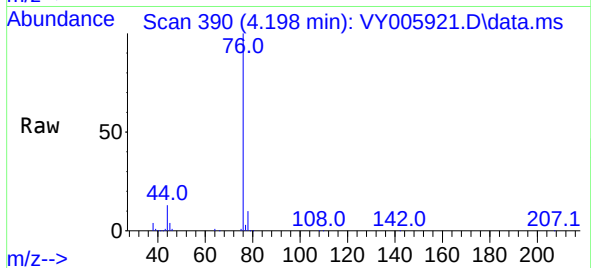
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.4  | 25.1  | 37.7  |





#17  
Carbon Disulfide  
Concen: 20.358 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

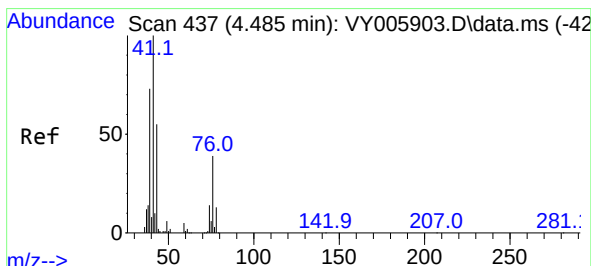
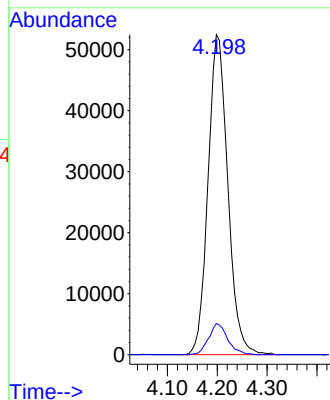
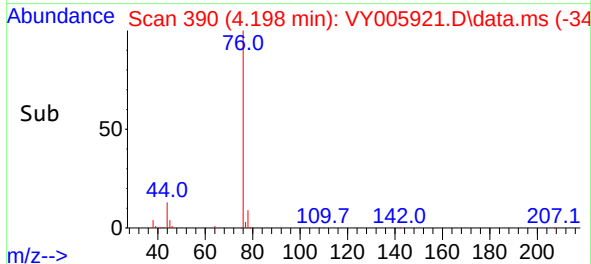
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01



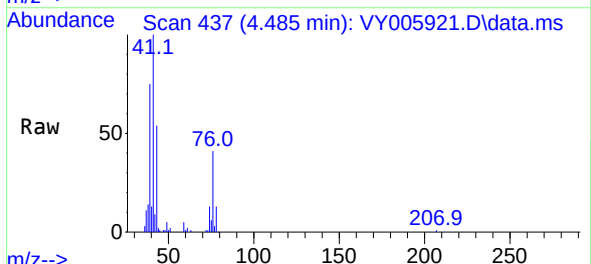
Tgt Ion: 76 Resp: 144456  
Ion Ratio Lower Upper  
76 100  
78 9.8 6.9 10.3

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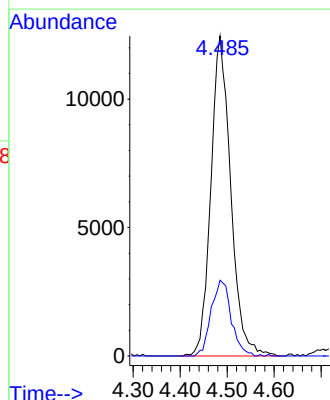
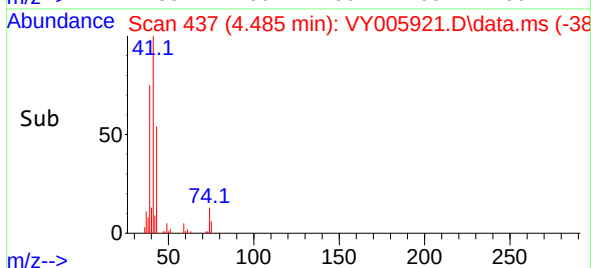
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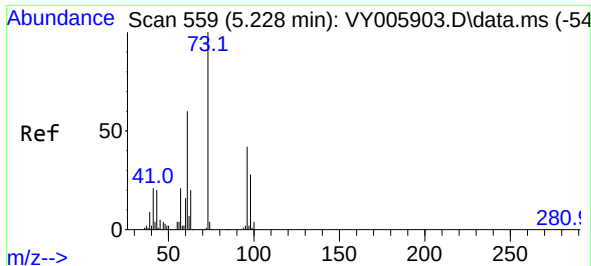


#18  
Methyl Acetate  
Concen: 19.772 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



Tgt Ion: 43 Resp: 36504  
Ion Ratio Lower Upper  
43 100  
74 23.9 19.7 29.5





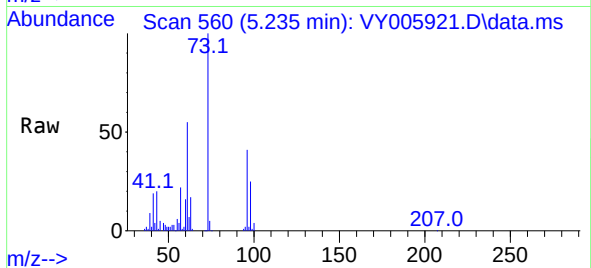
#19

Methyl tert-butyl Ether  
Concen: 20.644 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

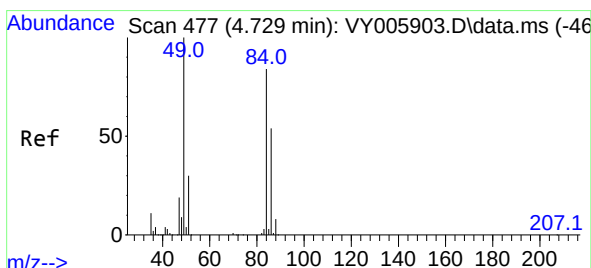
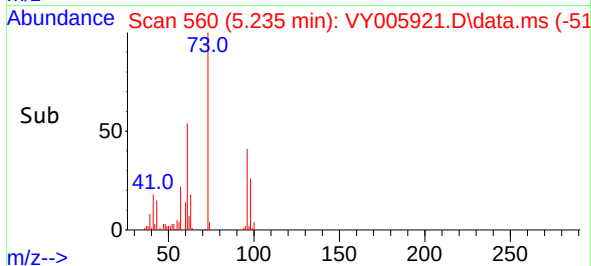
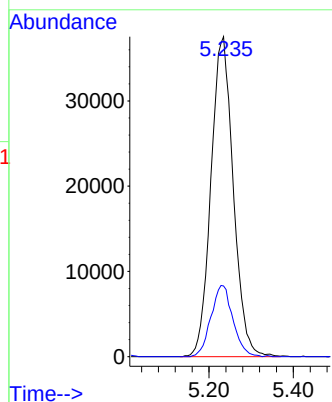
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

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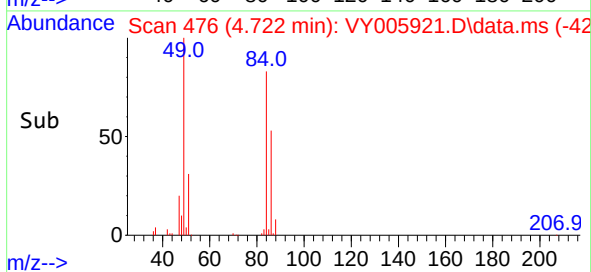
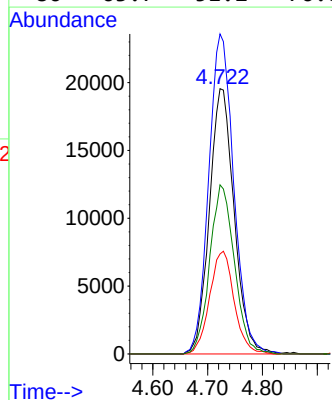
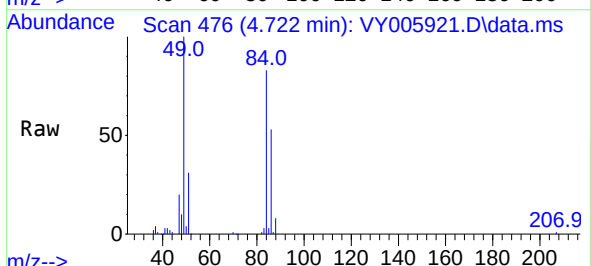
Tgt Ion: 73 Resp: 137682  
Ion Ratio Lower Upper  
73 100  
57 22.1 16.4 24.6

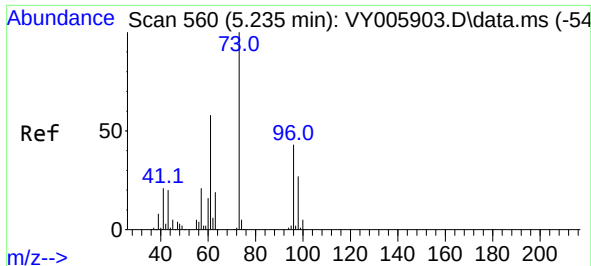


#20

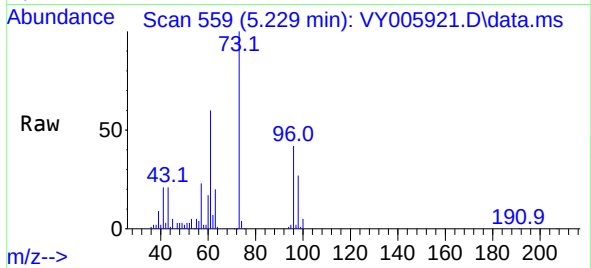
Methylene Chloride  
Concen: 21.295 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. -0.007 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 84 Resp: 61431  
Ion Ratio Lower Upper  
84 100  
49 120.6 95.7 143.5  
51 37.7 29.0 43.6  
86 63.7 51.2 76.8

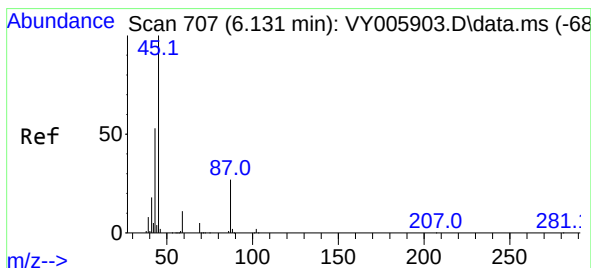
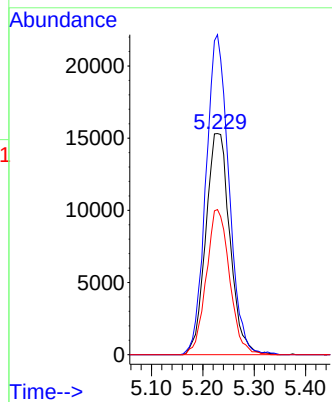
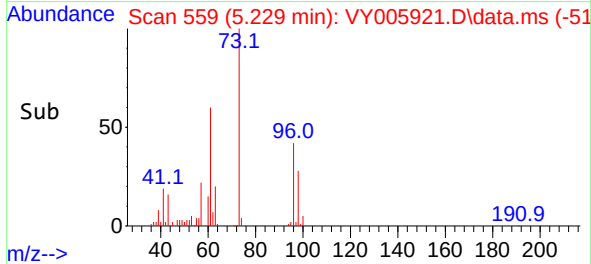




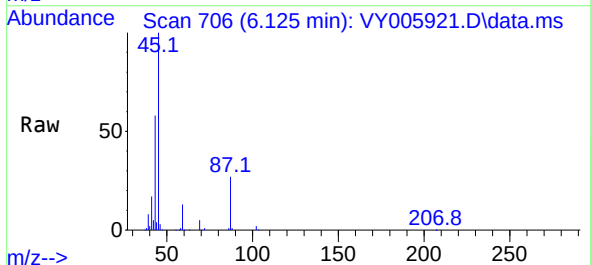
#21  
trans-1,2-Dichloroethene  
Concen: 20.153 ug/l  
RT: 5.229 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



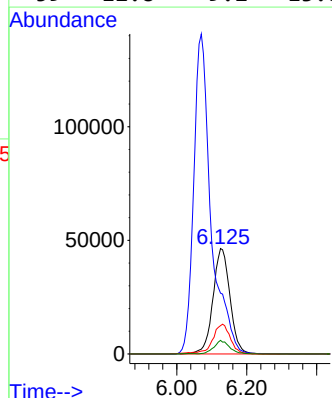
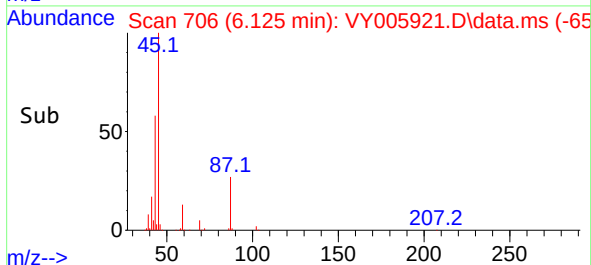
Tgt Ion: 96 Resp: 49956  
Ion Ratio Lower Upper  
96 100  
61 144.7 108.3 162.5  
98 65.7 50.3 75.5



#22  
Diisopropyl ether  
Concen: 20.663 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



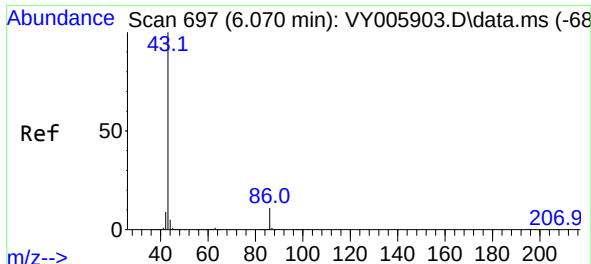
Tgt Ion: 45 Resp: 156858  
Ion Ratio Lower Upper  
45 100  
43 57.6 43.1 64.7  
87 26.8 22.3 33.5  
59 12.8 9.2 13.8



Instrument :  
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ClientSampleId :  
VY0901SBSD01

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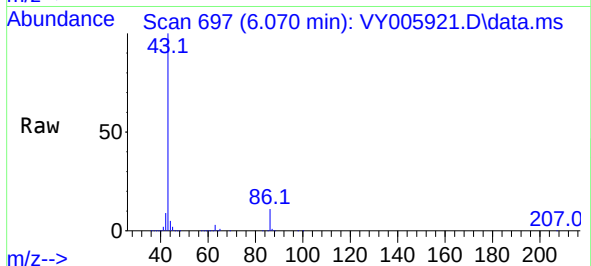


#23  
 Vinyl Acetate  
 Concen: 105.084 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. 0.000 min  
 Lab File: VY005921.D  
 Acq: 01 Sep 2021 11:34

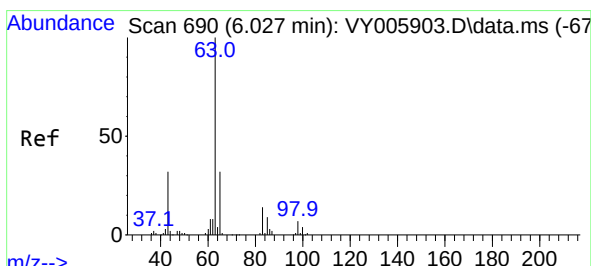
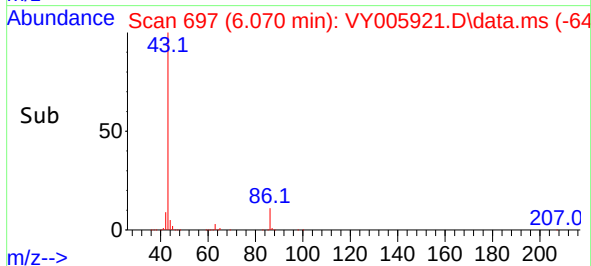
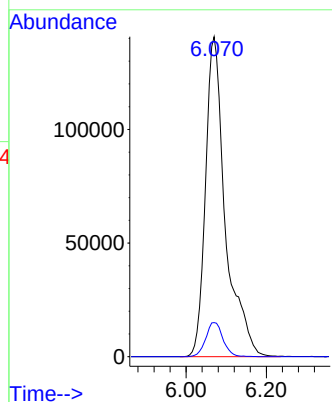
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0901SBSD01

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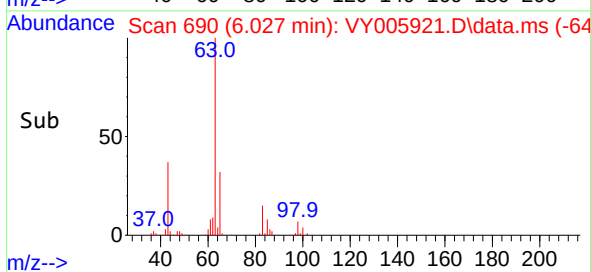
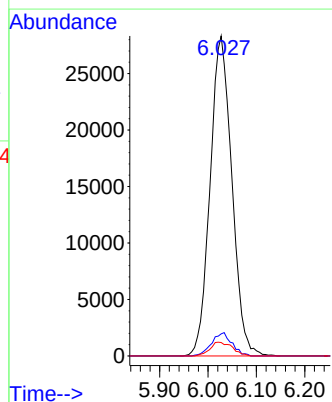
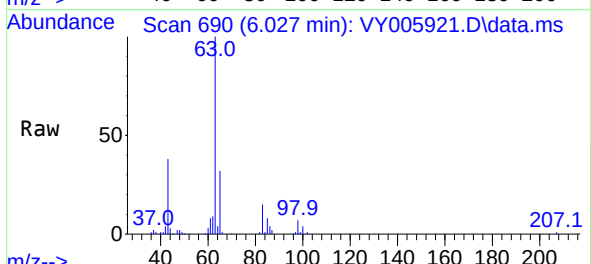


Tgt Ion: 43 Resp: 484090  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.9 13.3

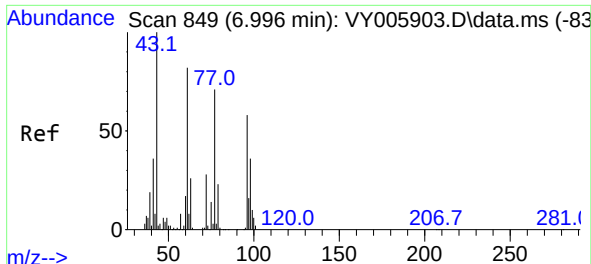


#24  
 1,1-Dichloroethane  
 Concen: 20.440 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. 0.000 min  
 Lab File: VY005921.D  
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Tgt Ion: 63 Resp: 88509  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.5 10.4  
 100 4.2 2.2 6.6







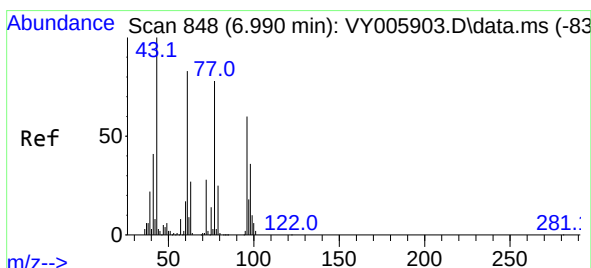
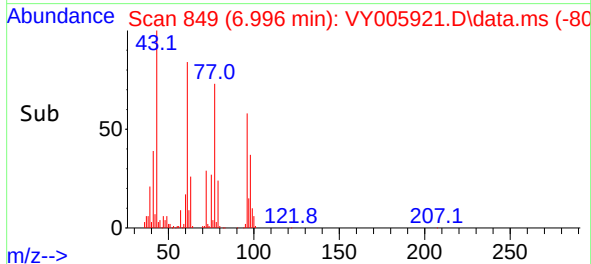
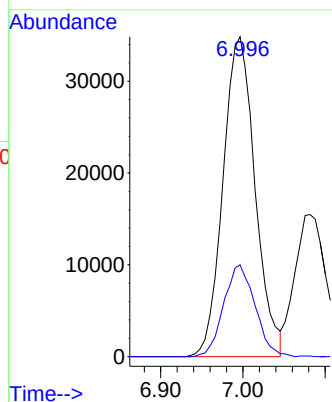
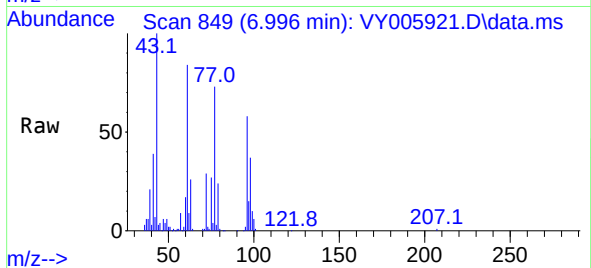
#25  
2-Butanone  
Concen: 100.758 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 43 Resp: 94657  
Ion Ratio Lower Upper  
43 100  
72 28.7 22.3 33.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

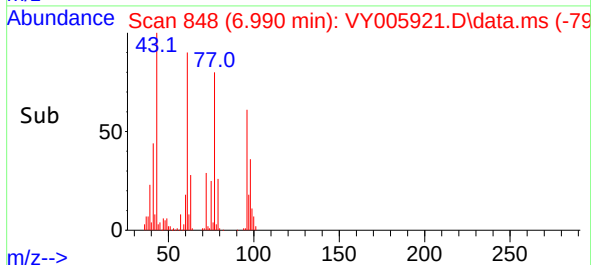
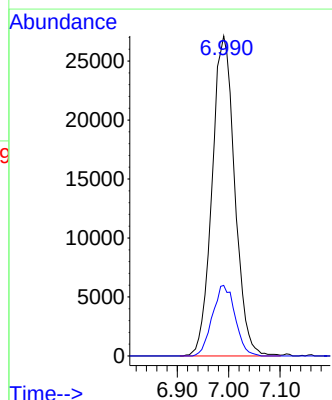
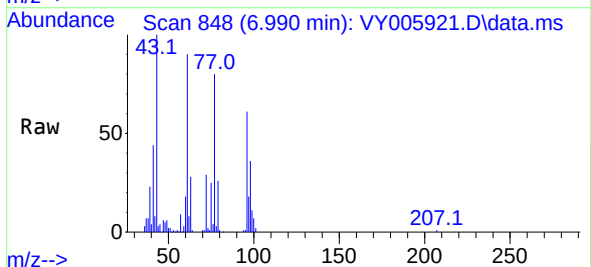
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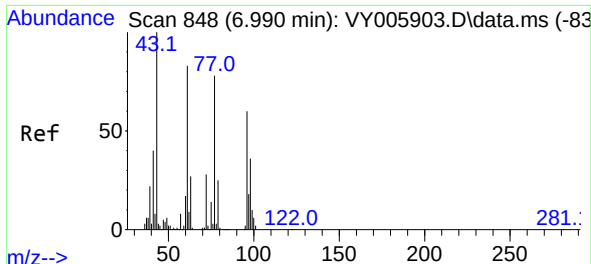
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#26  
2,2-Dichloropropane  
Concen: 20.503 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 77 Resp: 83066  
Ion Ratio Lower Upper  
77 100  
97 22.1 11.2 33.5





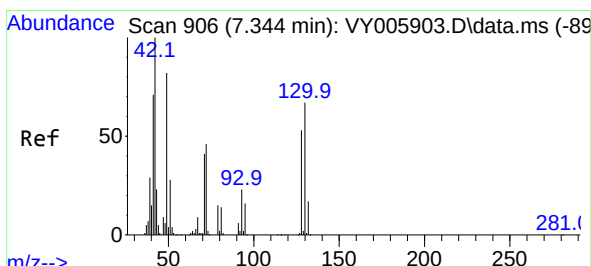
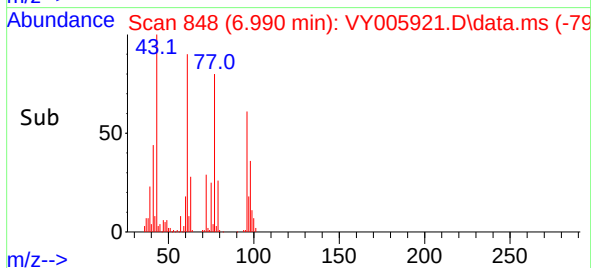
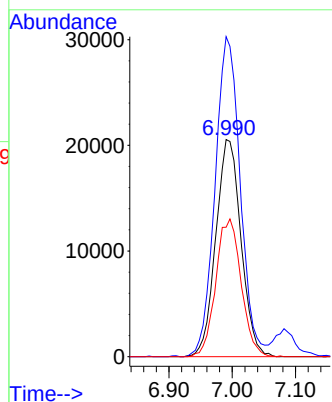
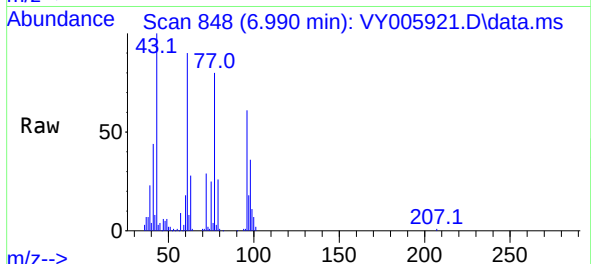
#27  
 cis-1,2-Dichloroethene  
 Concen: 20.417 ug/l  
 RT: 6.990 min Scan# 848  
 Delta R.T. 0.000 min  
 Lab File: VY005921.D  
 Acq: 01 Sep 2021 11:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 56868 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 146.7 | 0.0   | 289.2 |
| 98       | 63.6  | 0.0   | 126.8 |

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0901SBSD01

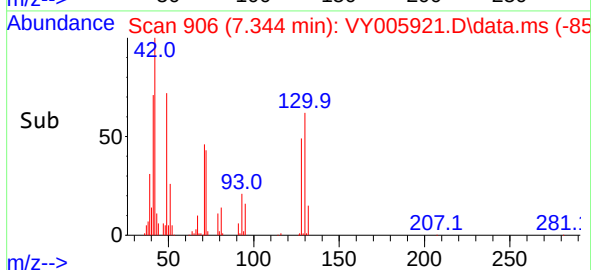
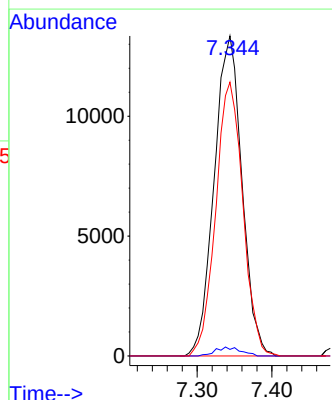
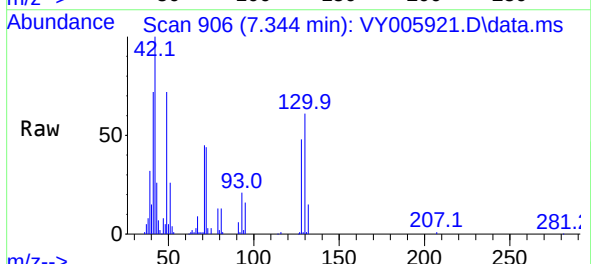
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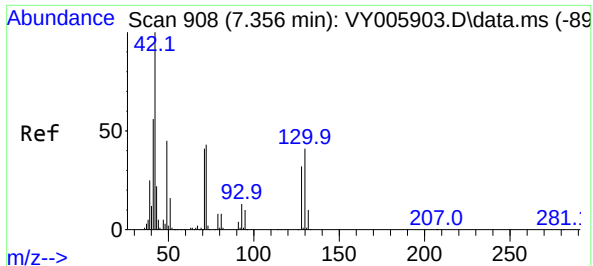
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#28  
 Bromochloromethane  
 Concen: 19.321 ug/l  
 RT: 7.344 min Scan# 906  
 Delta R.T. 0.000 min  
 Lab File: VY005921.D  
 Acq: 01 Sep 2021 11:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 34489 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.5   | 0.0   | 4.4   |
| 130      | 83.5  | 66.6  | 99.8  |





#29  
Tetrahydrofuran  
Concen: 102.828 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

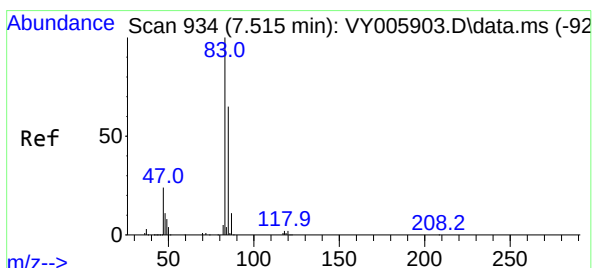
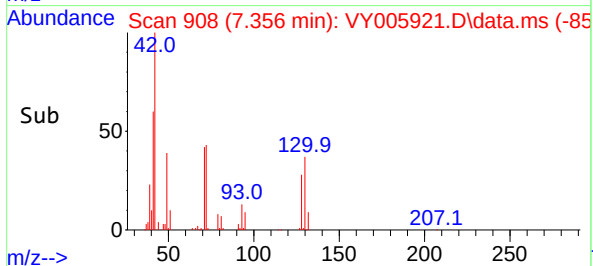
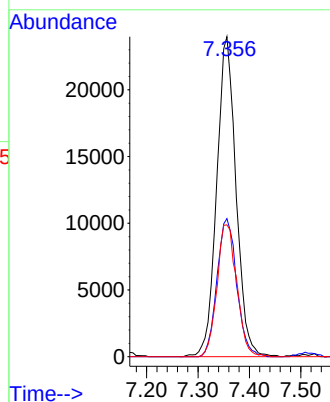
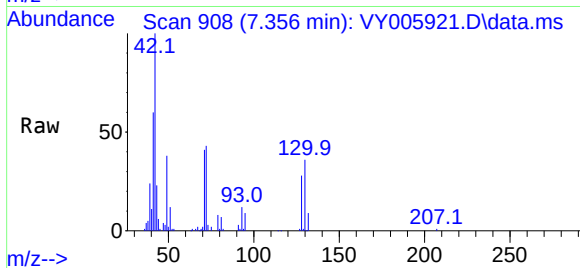
Tgt Ion: 42 Resp: 62592

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 44.0  | 36.1  | 54.1  |
| 71  | 42.2  | 33.8  | 50.8  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

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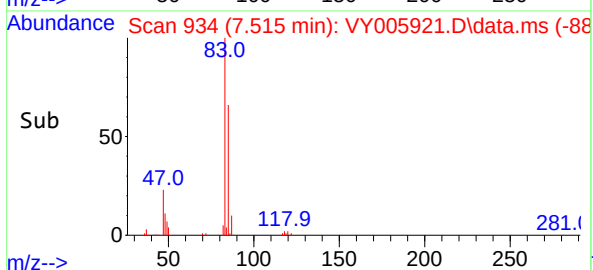
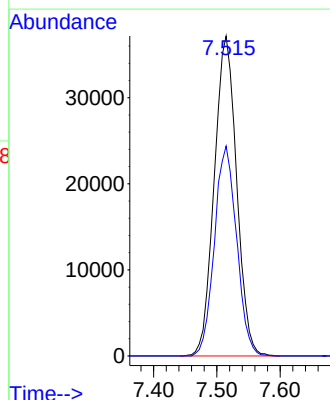
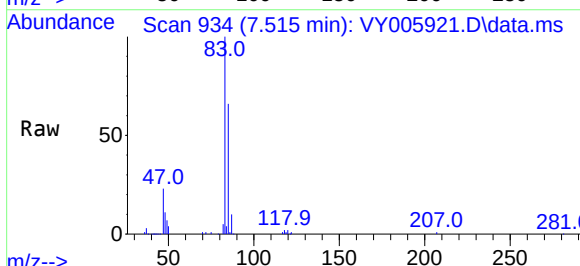
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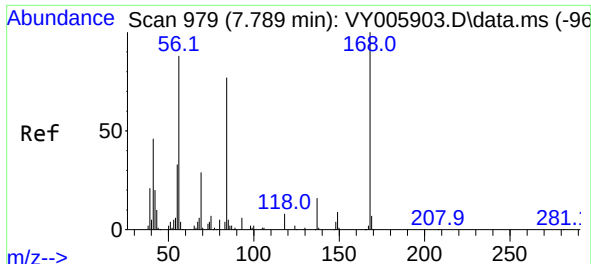


#30  
Chloroform  
Concen: 20.510 ug/l  
RT: 7.515 min Scan# 934  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

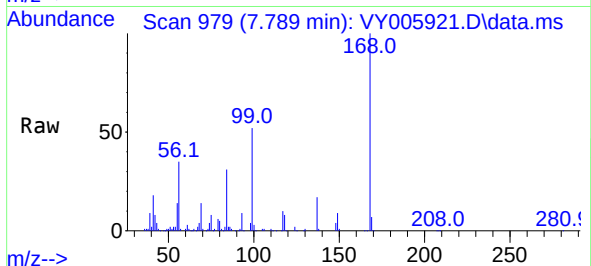
Tgt Ion: 83 Resp: 91135

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.6  | 51.6  | 77.4  |

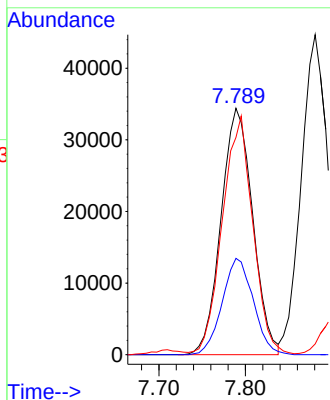
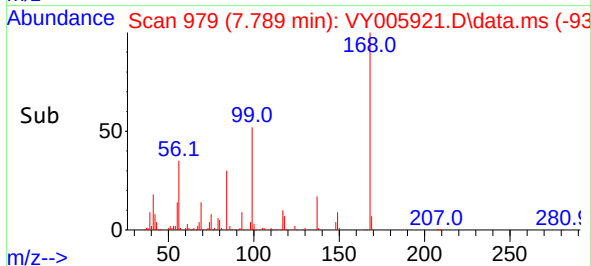




#31  
Cyclohexane  
Concen: 19.896 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



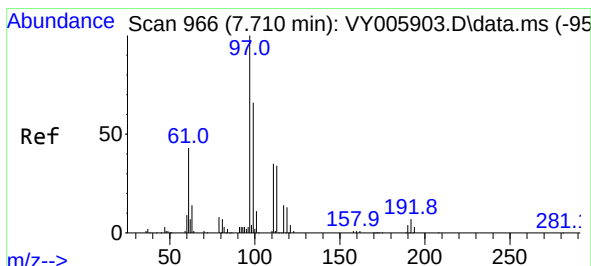
Tgt Ion: 56 Resp: 87520  
Ion Ratio Lower Upper  
56 100  
69 39.1 26.3 39.5  
84 86.9 69.8 104.8



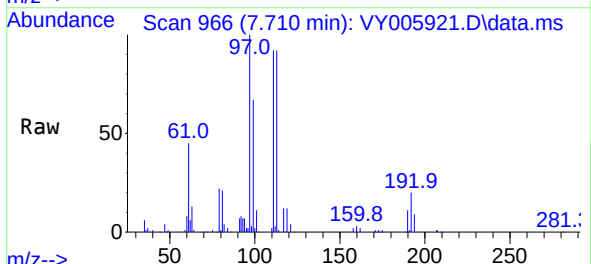
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

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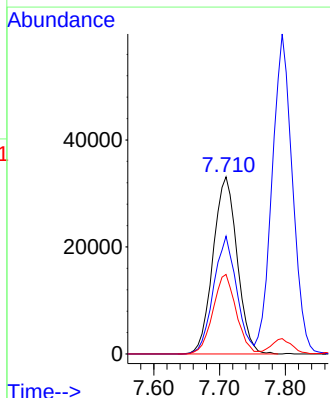
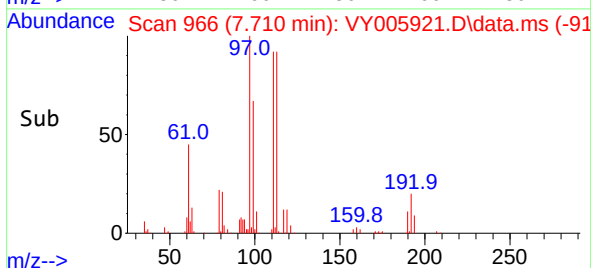
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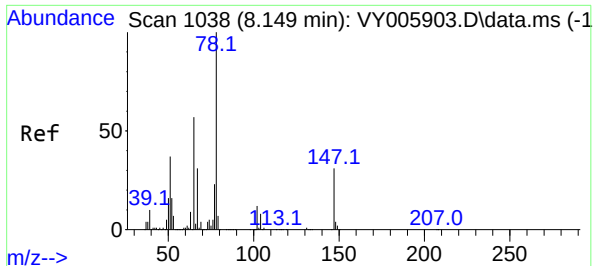


#32  
1,1,1-Trichloroethane  
Concen: 20.408 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



Tgt Ion: 97 Resp: 84435  
Ion Ratio Lower Upper  
97 100  
99 64.0 52.1 78.1  
61 43.4 34.3 51.5





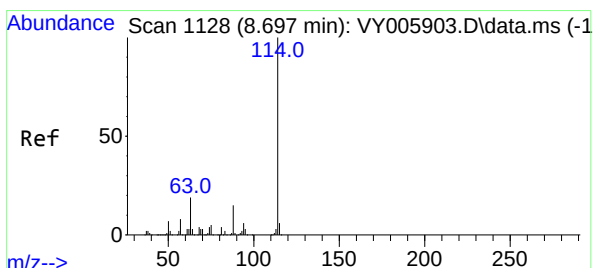
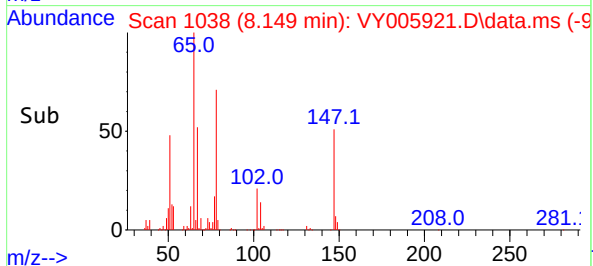
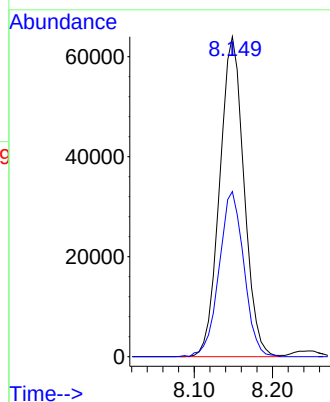
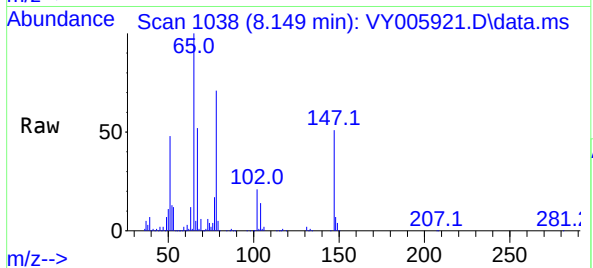
#33  
1,2-Dichloroethane-d4  
Concen: 52.923 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 65 Resp: 138023  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 105.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

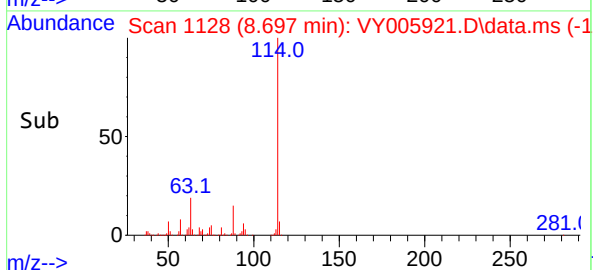
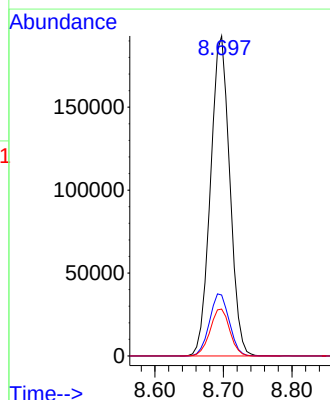
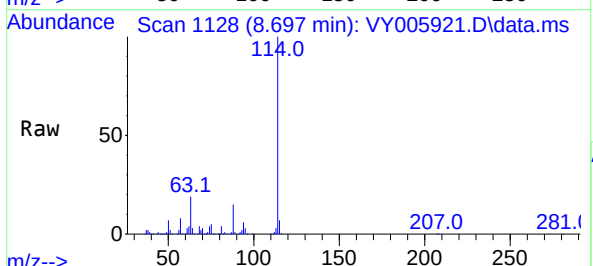
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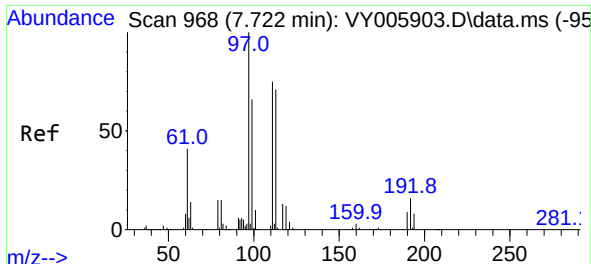
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#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion:114 Resp: 375464  
Ion Ratio Lower Upper  
114 100  
63 19.1 0.0 38.4  
88 14.6 0.0 30.0





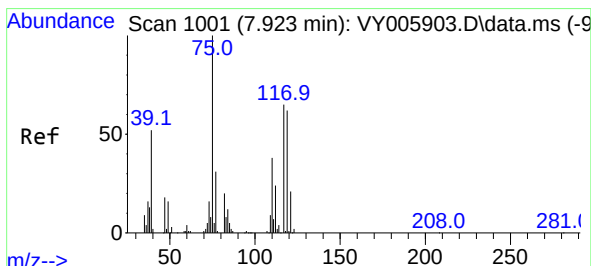
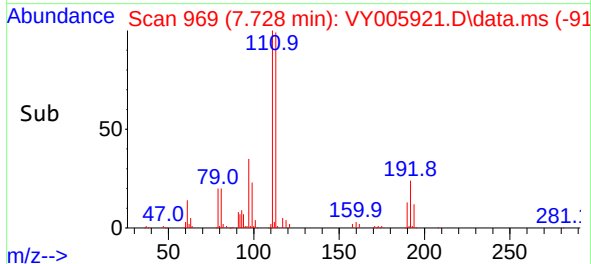
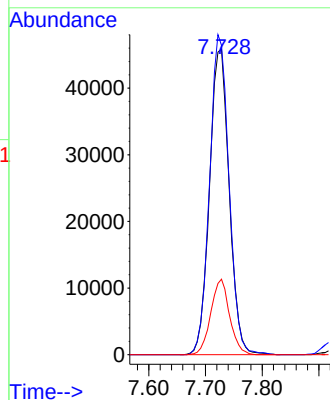
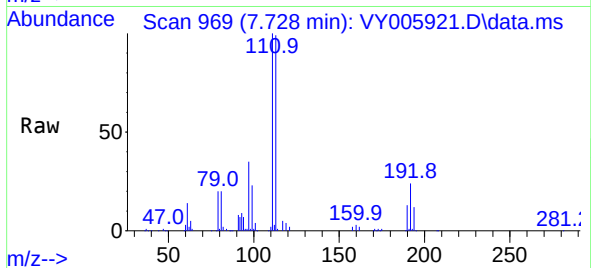
#35  
Dibromofluoromethane  
Concen: 52.493 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 113 Resp: 110686  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.9 122.9  
192 23.6 19.4 29.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

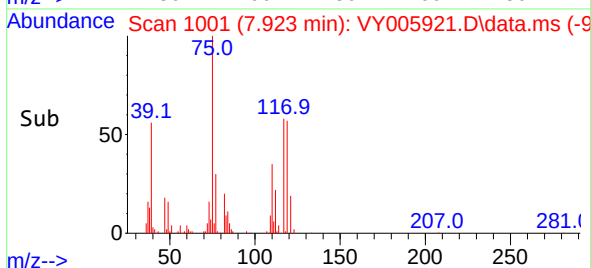
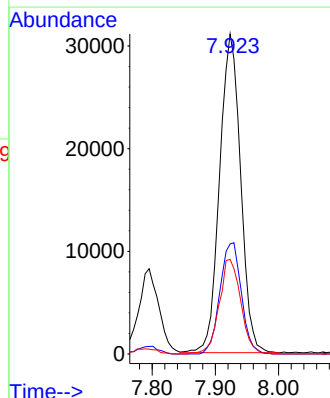
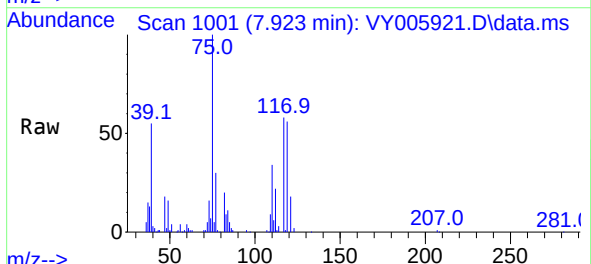
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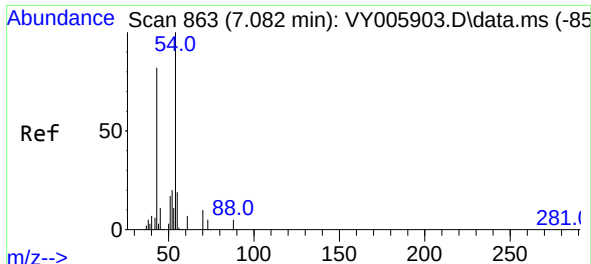
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#36  
1,1-Dichloropropene  
Concen: 20.206 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 75 Resp: 71429  
Ion Ratio Lower Upper  
75 100  
110 35.6 18.1 54.3  
77 30.4 24.9 37.3





#37  
Ethyl Acetate  
Concen: 20.335 ug/l  
RT: 7.082 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

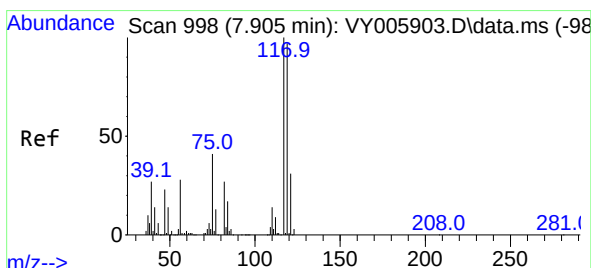
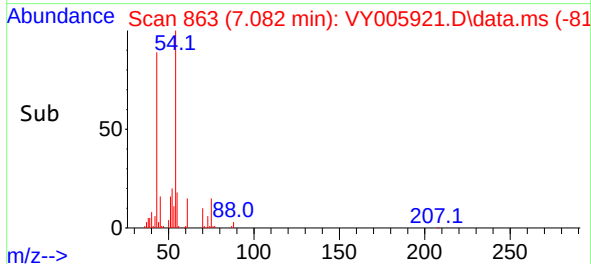
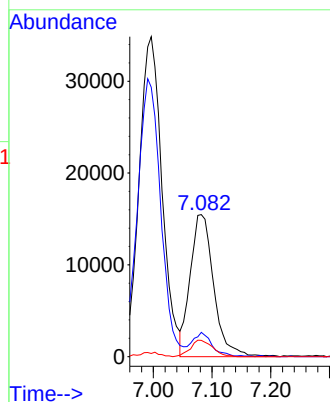
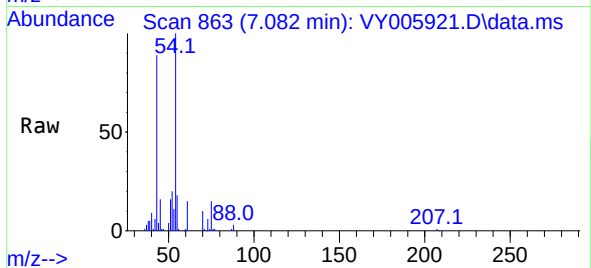
Tgt Ion: 43 Resp: 43051

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.0  | 11.2  | 16.8  |
| 70  | 11.0  | 8.3   | 12.5  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

Manual Integrations  
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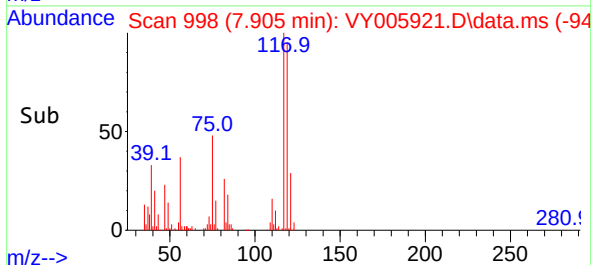
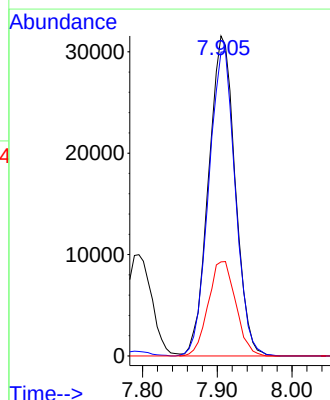
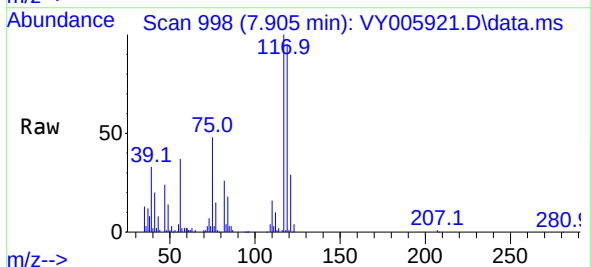
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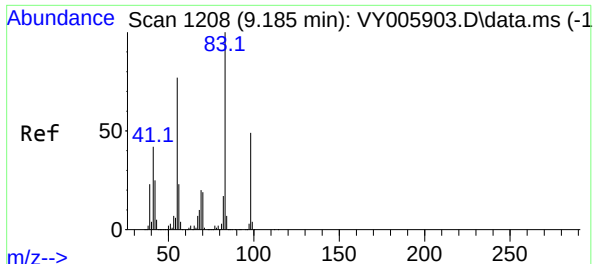


#38  
Carbon Tetrachloride  
Concen: 20.369 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 117 Resp: 78050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.0  | 77.5  | 116.3 |
| 121 | 29.4  | 25.0  | 37.6  |





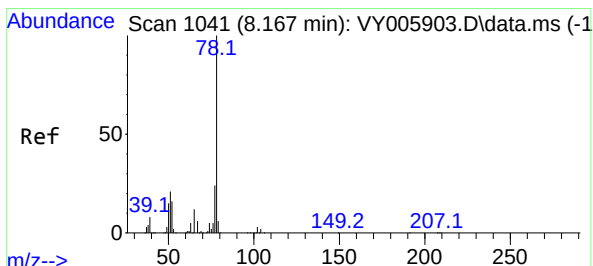
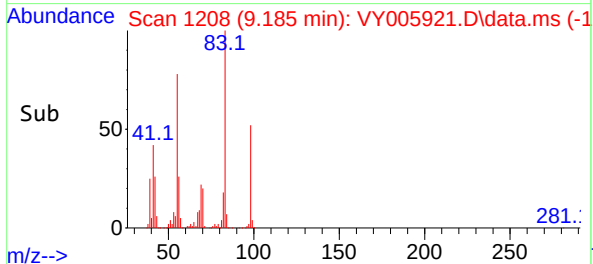
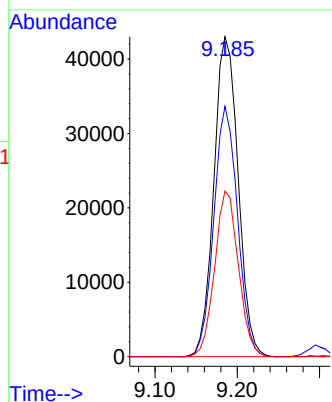
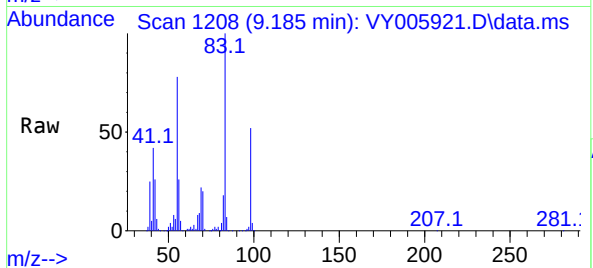
#39  
Methylcyclohexane  
Concen: 19.716 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 83 Resp: 88280  
Ion Ratio Lower Upper  
83 100  
55 78.2 61.4 92.2  
98 51.8 39.4 59.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

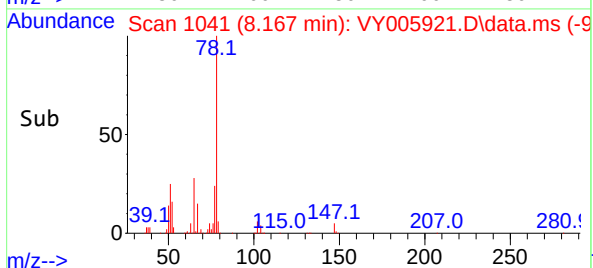
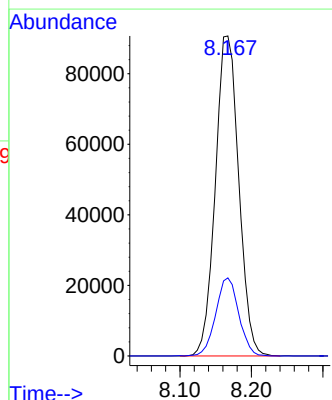
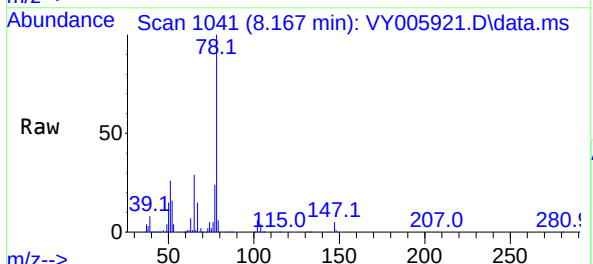
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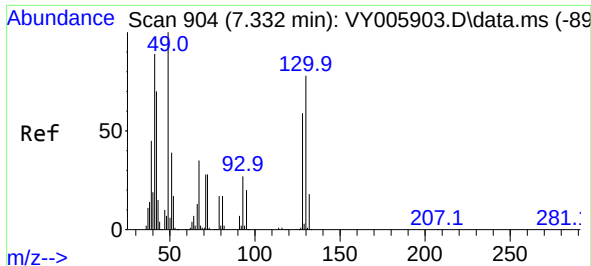


#40  
Benzene  
Concen: 20.645 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 78 Resp: 206189  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.3 28.9







#41  
Methacrylonitrile  
Concen: 17.633 ug/l m  
RT: 7.320 min Scan# 902  
Delta R.T. -0.012 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

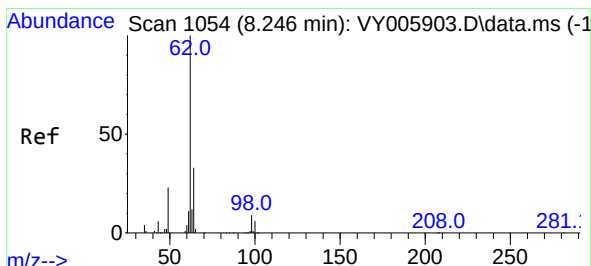
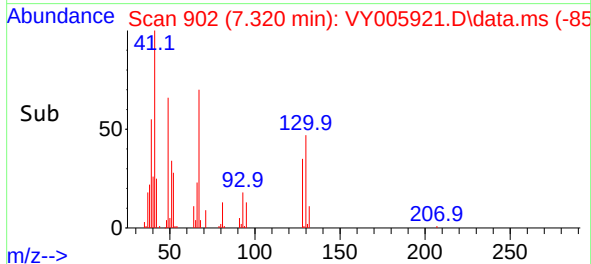
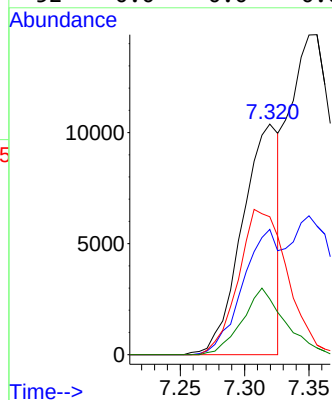
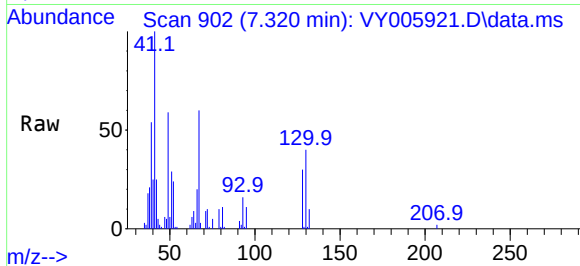
Tgt Ion: 41 Resp: 20788

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 41  | 100   |       |        |
| 39  | 72.3  | 91.1  | 136.7# |
| 67  | 0.0   | 0.0   | 0.0    |
| 52  | 0.0   | 0.0   | 0.0    |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

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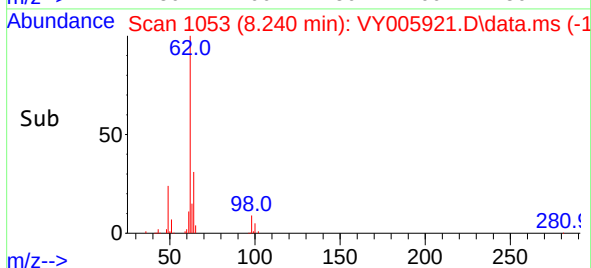
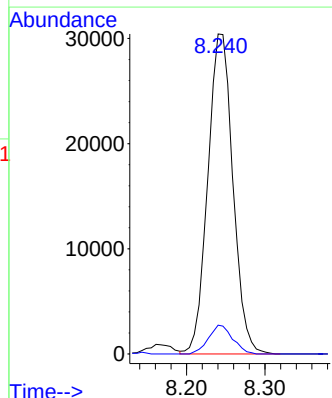
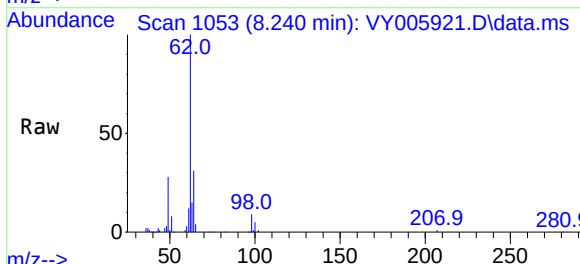
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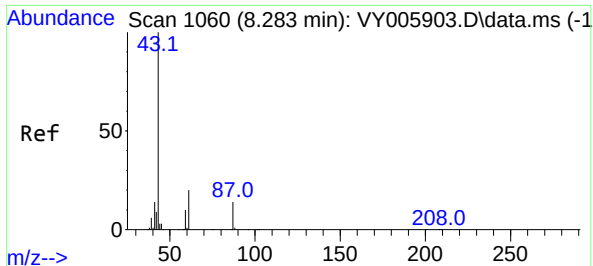


#42  
1,2-Dichloroethane  
Concen: 20.901 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 62 Resp: 67808

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.6   | 0.0   | 18.0  |





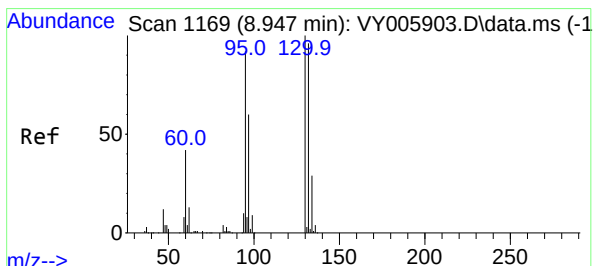
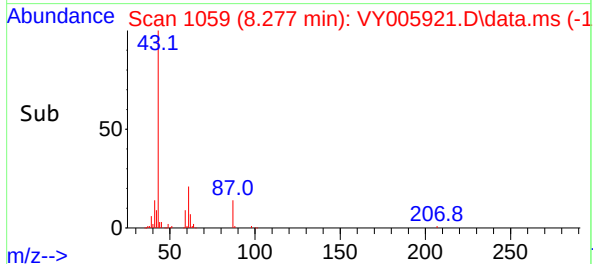
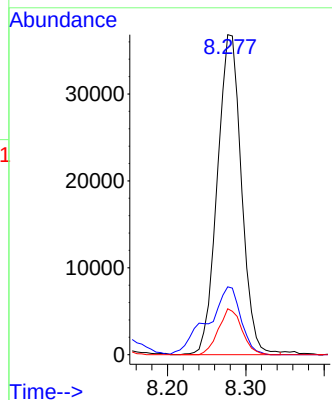
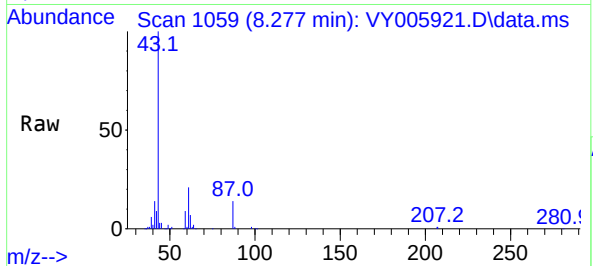
#43  
Isopropyl Acetate  
Concen: 20.504 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 78846 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 29.1  | 23.0  | 34.6  |
| 87        | 13.9  | 11.0  | 16.6  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

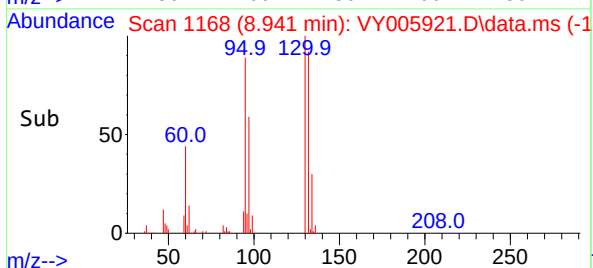
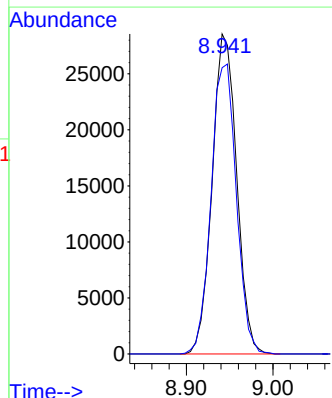
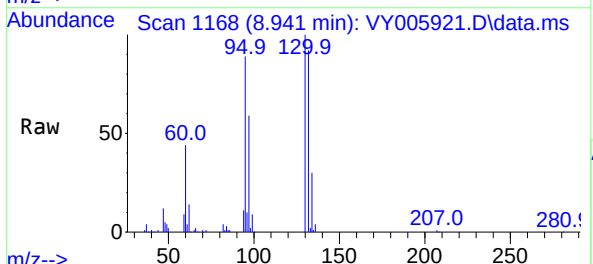
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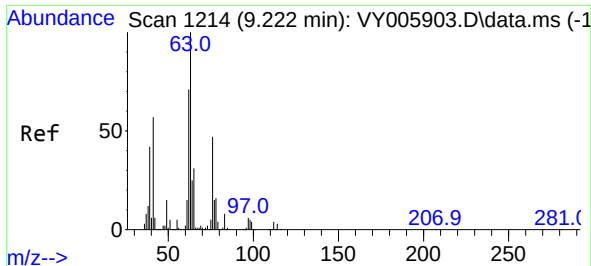
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#44  
Trichloroethene  
Concen: 20.048 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 130   | Resp: | 56153 |
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 89.4  | 0.0   | 183.0 |





#45

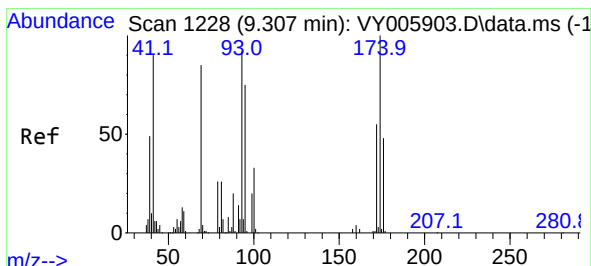
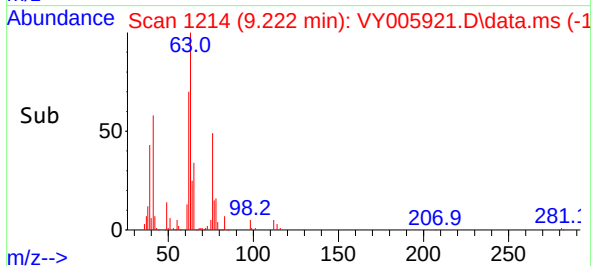
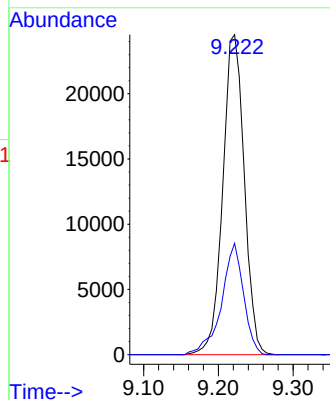
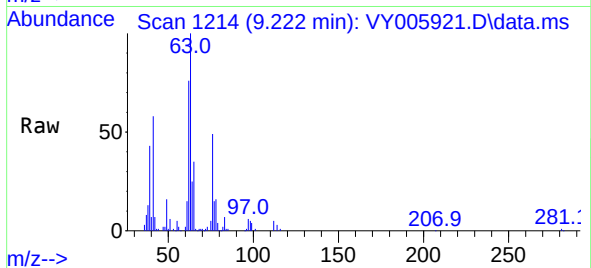
1,2-Dichloropropane  
Concen: 20.019 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 63 Resp: 49058  
Ion Ratio Lower Upper  
63 100  
65 34.8 25.1 37.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

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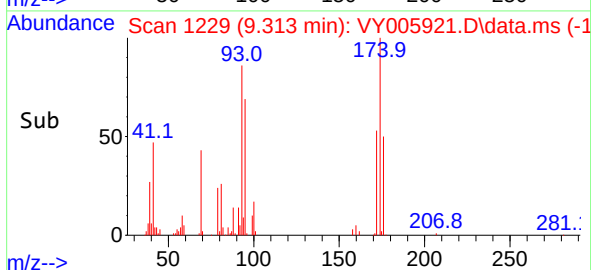
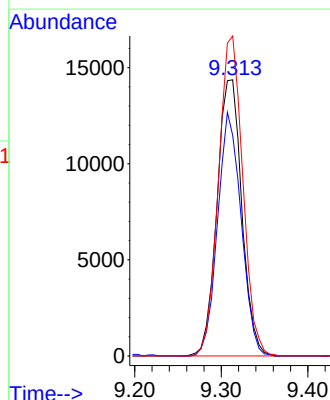
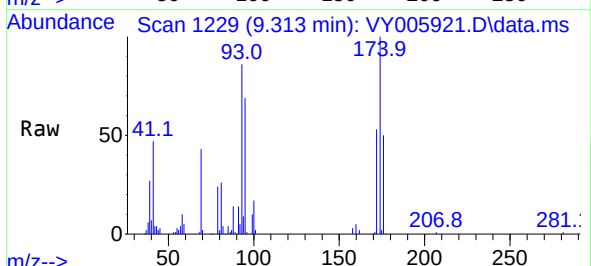
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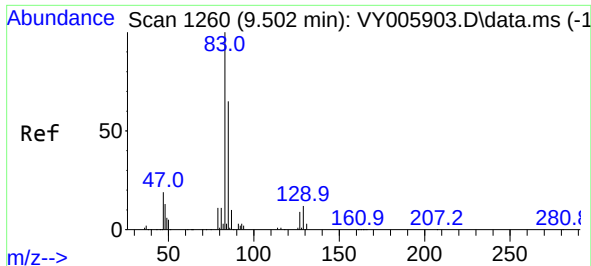


#46

Dibromomethane  
Concen: 20.251 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 93 Resp: 28560  
Ion Ratio Lower Upper  
93 100  
95 83.8 65.5 98.3  
174 113.6 93.0 139.6





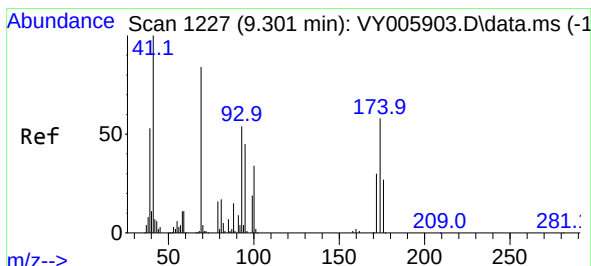
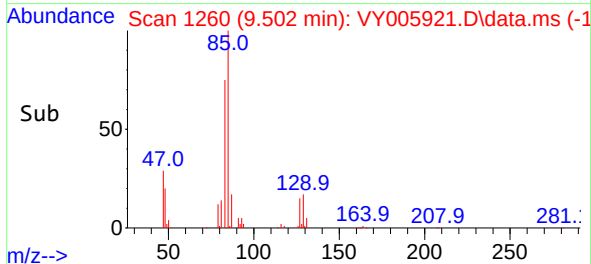
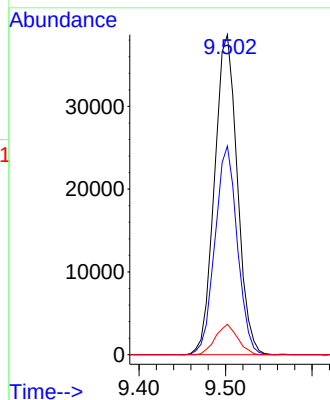
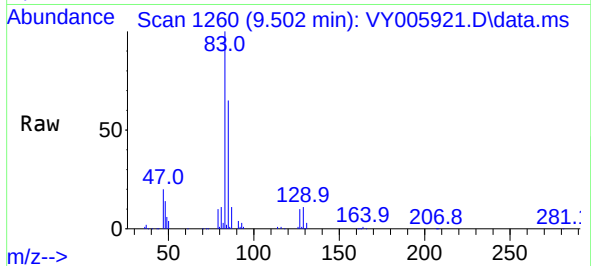
#47  
Bromodichloromethane  
Concen: 20.595 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 83 Resp: 70587  
Ion Ratio Lower Upper  
83 100  
85 65.2 51.8 77.8  
127 9.5 7.3 10.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

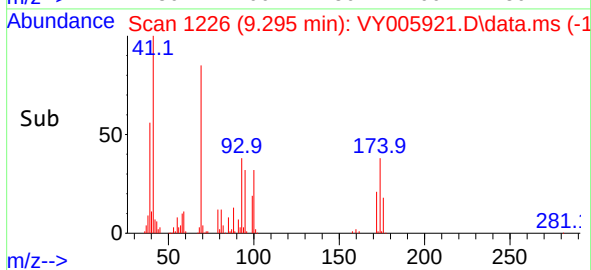
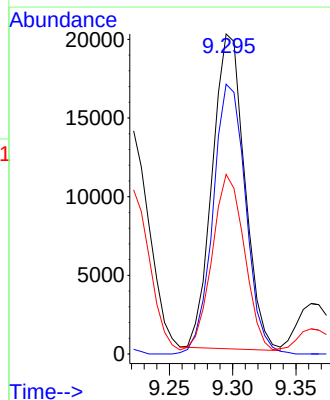
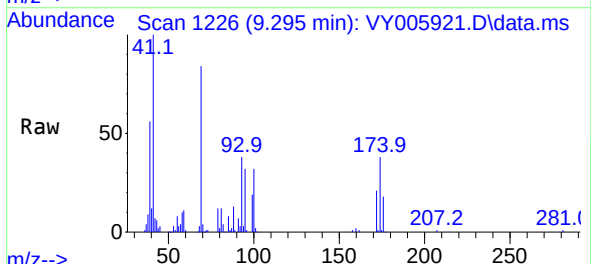
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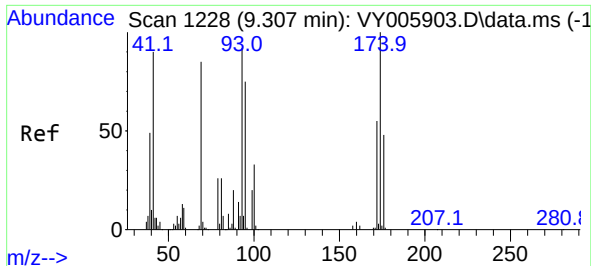
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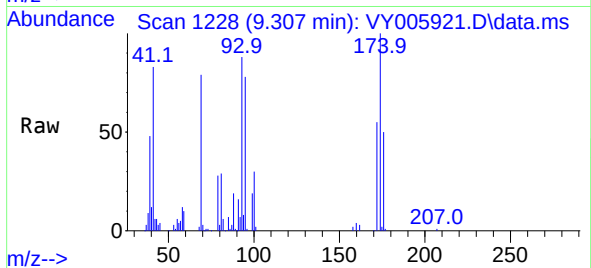
#48  
Methyl methacrylate  
Concen: 20.107 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 41 Resp: 35537  
Ion Ratio Lower Upper  
41 100  
69 86.9 69.3 103.9  
39 56.0 44.2 66.4



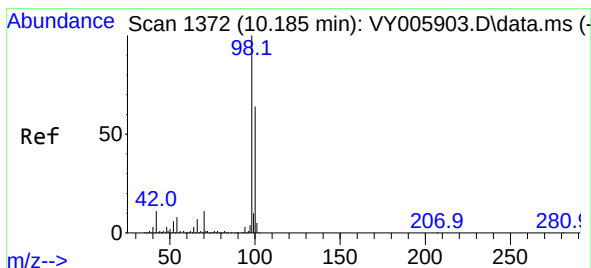
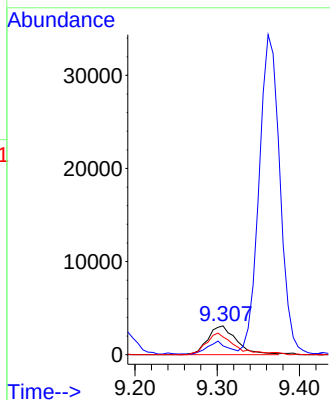
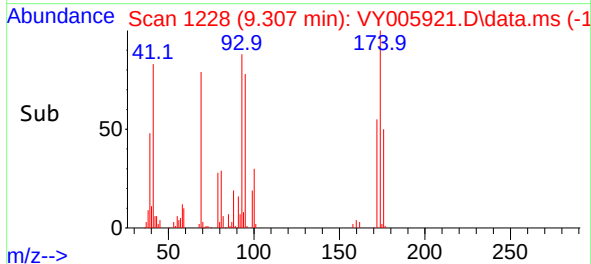


#49  
1,4-Dioxane  
Concen: 383.733 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

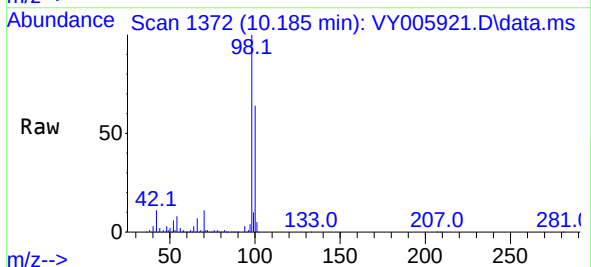


Tgt Ion: 88 Resp: 7453

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 31.4  | 26.6  | 39.8  |
| 58  | 71.5  | 53.4  | 80.2  |

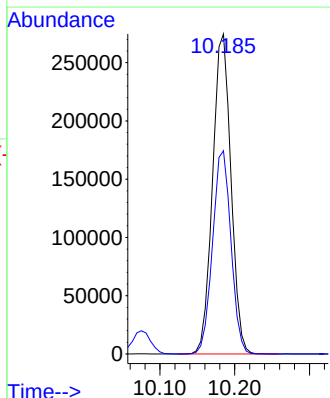
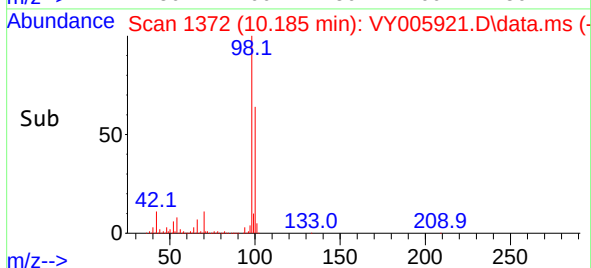


#50  
Toluene-d8  
Concen: 53.029 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



Tgt Ion: 98 Resp: 469278

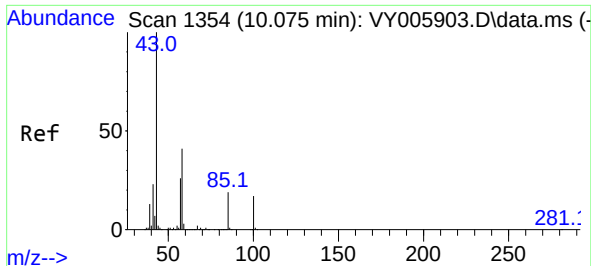
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 63.6  | 50.9  | 76.3  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

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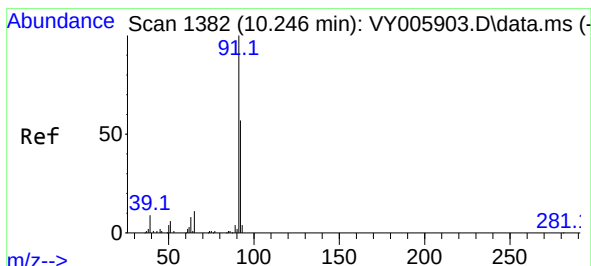
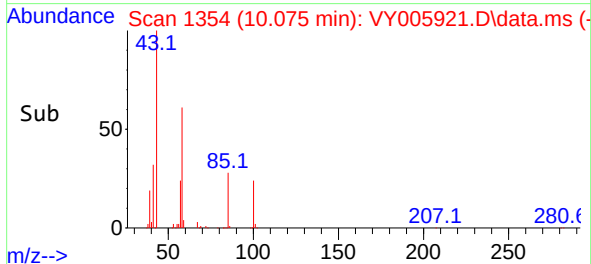
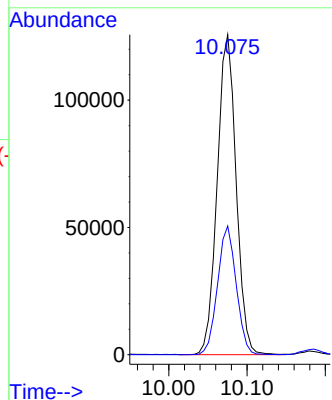
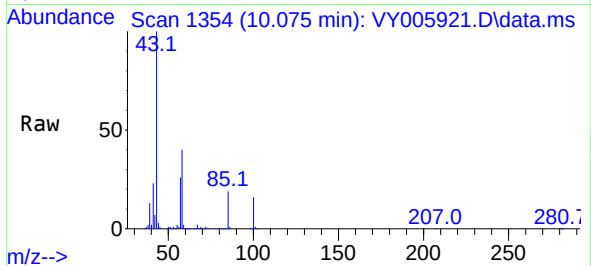
#51  
4-Methyl-2-Pentanone  
Concen: 102.056 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 43 Resp: 211450  
Ion Ratio Lower Upper  
43 100  
58 39.6 31.8 47.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

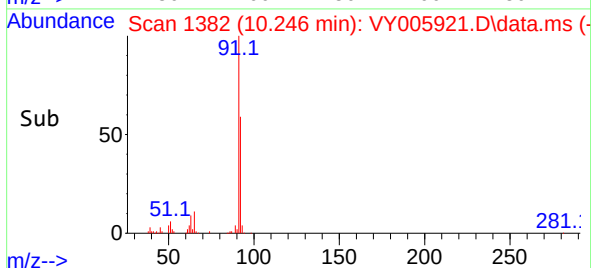
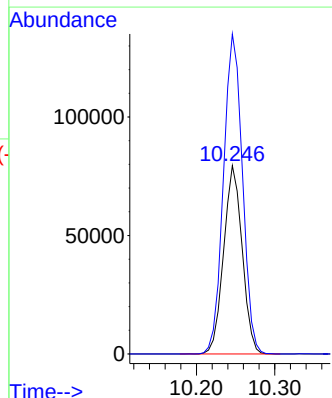
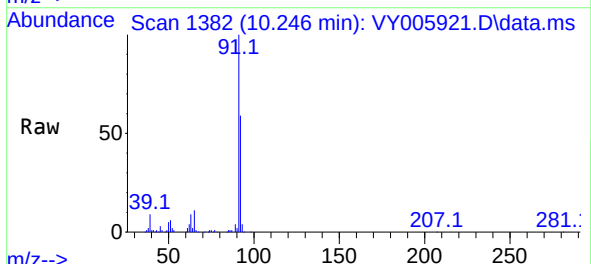
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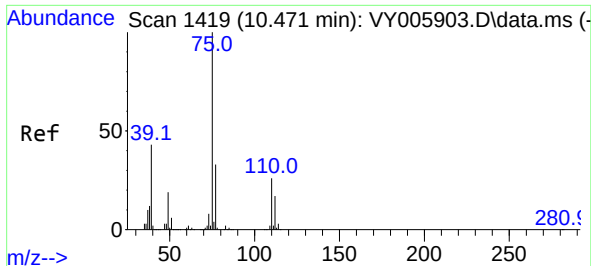
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#52  
Toluene  
Concen: 20.306 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 92 Resp: 130708  
Ion Ratio Lower Upper  
92 100  
91 173.9 138.4 207.6





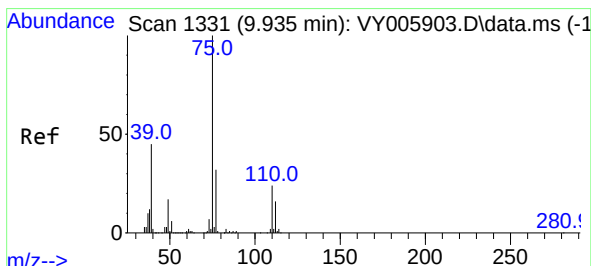
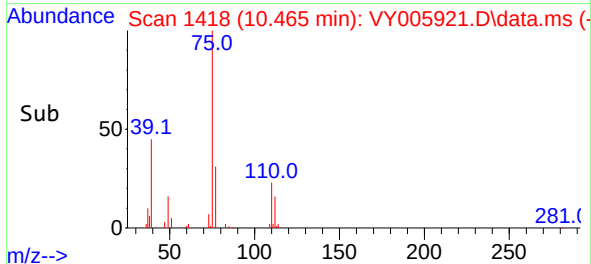
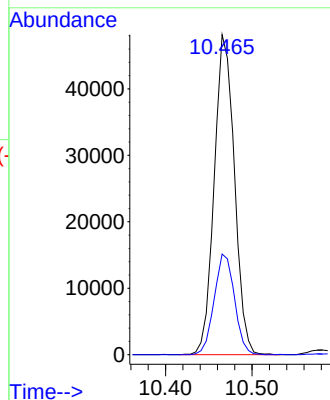
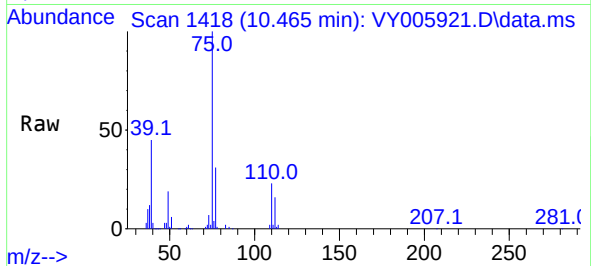
#53  
t-1,3-Dichloropropene  
Concen: 20.538 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 75 Resp: 78049  
Ion Ratio Lower Upper  
75 100  
77 31.5 26.2 39.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

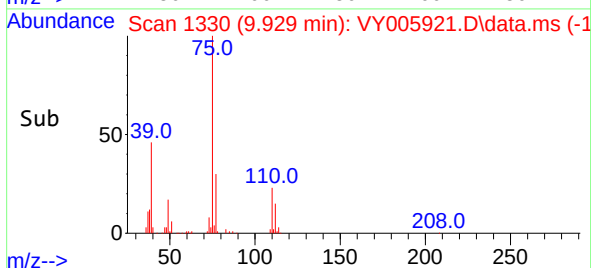
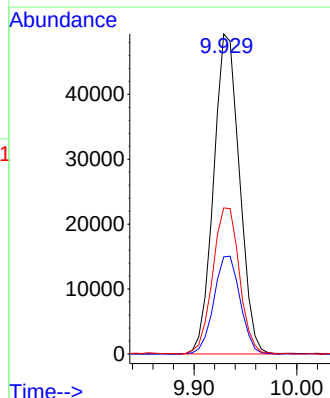
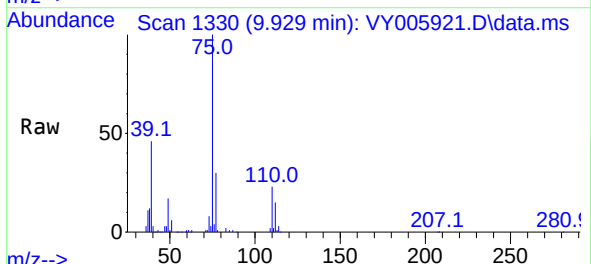
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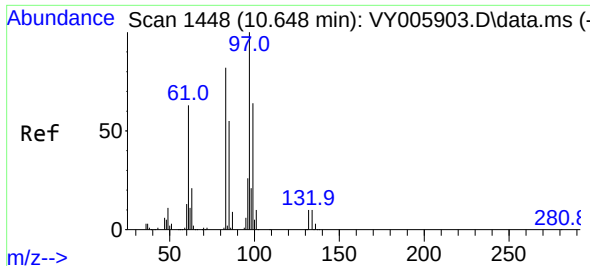
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#54  
cis-1,3-Dichloropropene  
Concen: 20.676 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

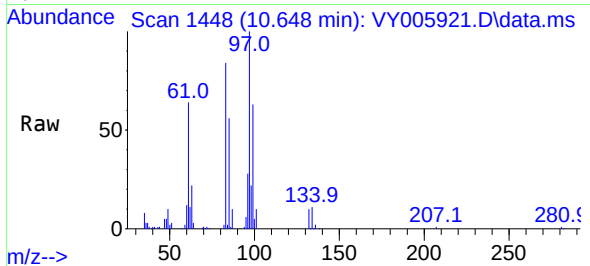
Tgt Ion: 75 Resp: 86210  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.4 38.0  
39 45.7 36.2 54.2





#55  
1,1,2-Trichloroethane  
Concen: 19.945 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

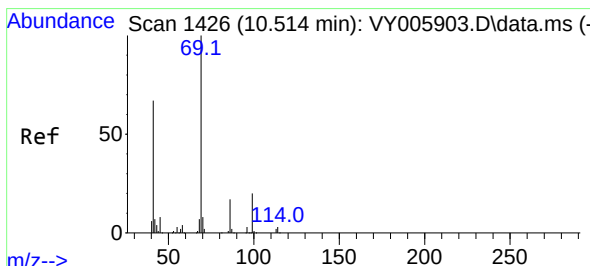
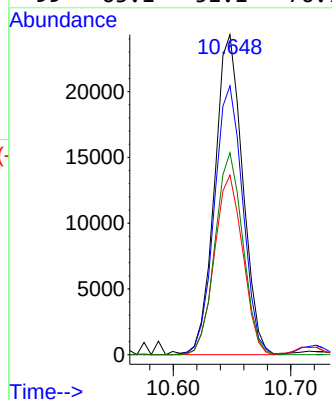


Tgt Ion: 97 Resp: 40287

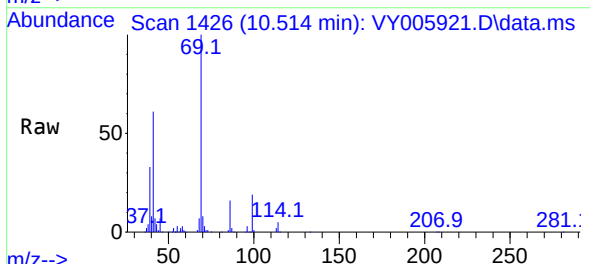
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.7  | 65.9  | 98.9  |
| 85  | 56.1  | 44.2  | 66.4  |
| 99  | 63.1  | 51.1  | 76.7  |

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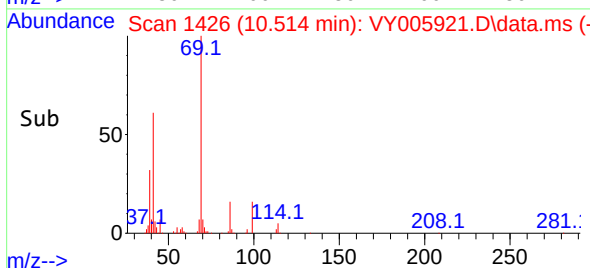
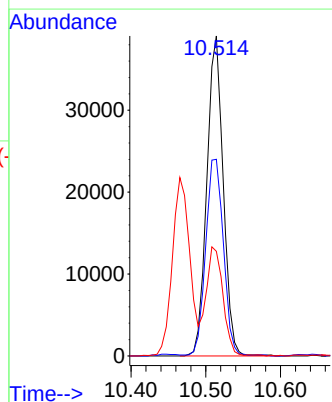


#56  
Ethyl methacrylate  
Concen: 20.325 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

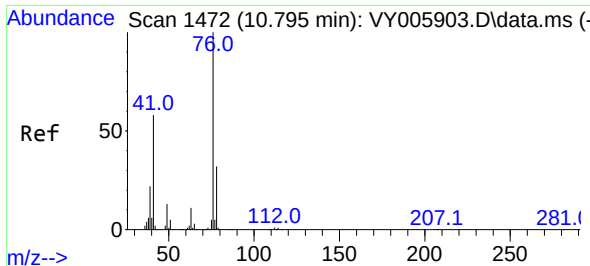


Tgt Ion: 69 Resp: 59427

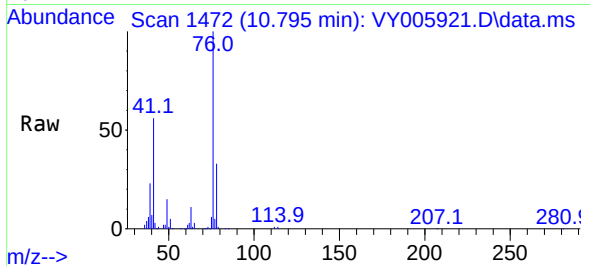
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 65.8  | 53.4  | 80.0  |
| 39  | 34.7  | 28.0  | 42.0  |



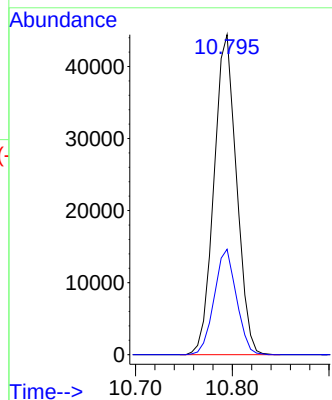
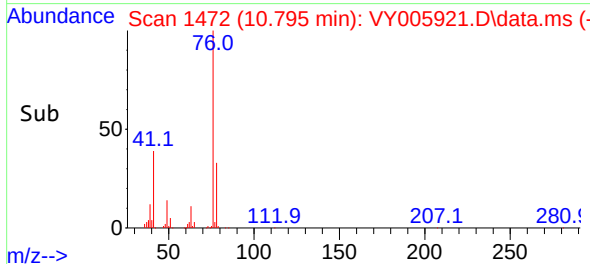




#57  
1,3-Dichloropropane  
Concen: 20.512 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



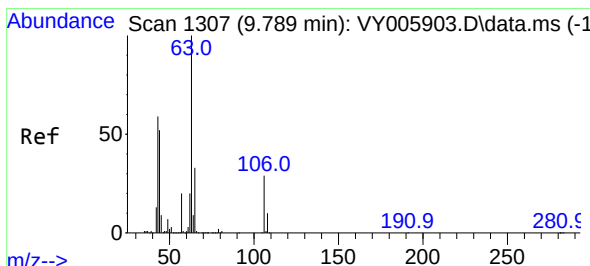
Tgt Ion: 76 Resp: 71834  
Ion Ratio Lower Upper  
76 100  
78 32.5 26.2 39.2



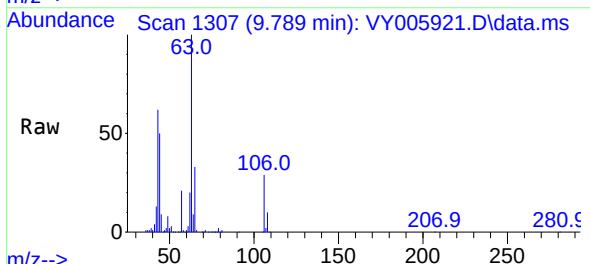
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

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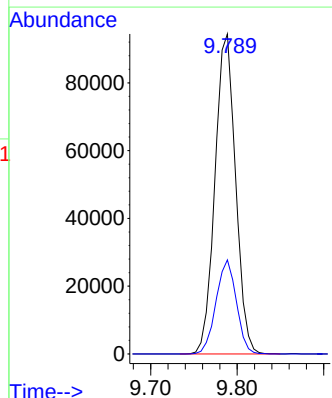
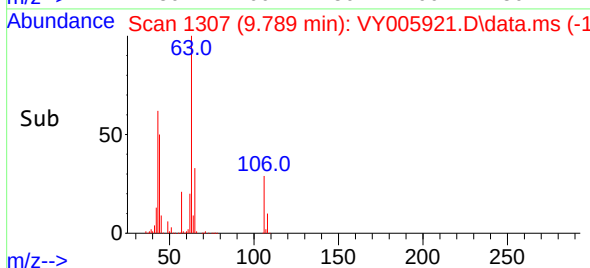
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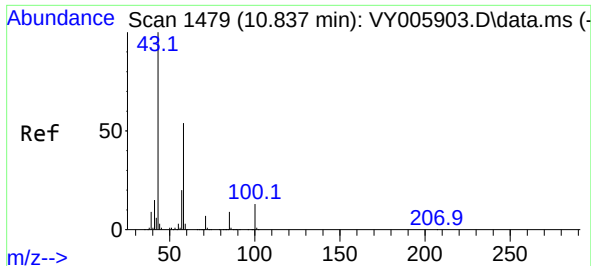


#58  
2-Chloroethyl Vinyl ether  
Concen: 103.317 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



Tgt Ion: 63 Resp: 155924  
Ion Ratio Lower Upper  
63 100  
106 29.0 23.6 35.4





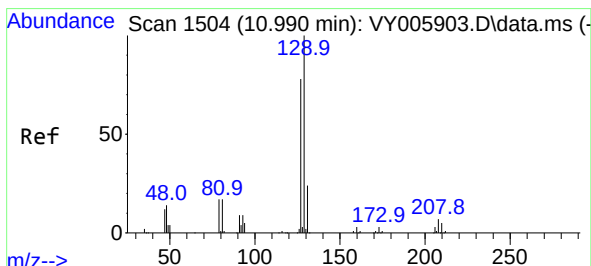
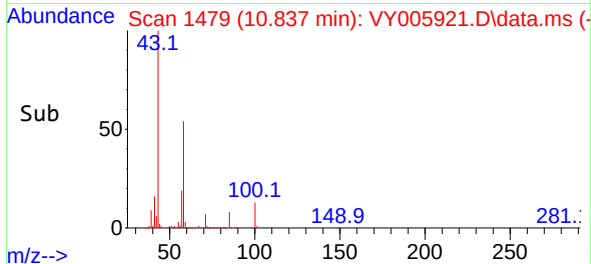
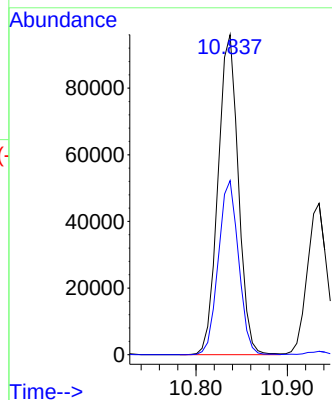
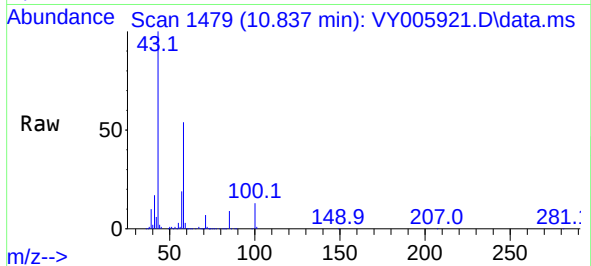
#59  
2-Hexanone  
Concen: 102.666 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 43 Resp: 148606  
Ion Ratio Lower Upper  
43 100  
58 54.1 27.3 81.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

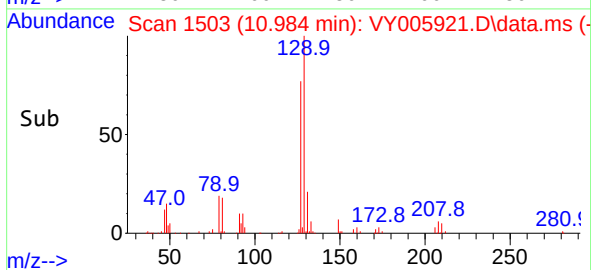
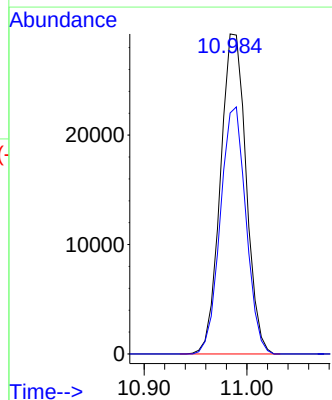
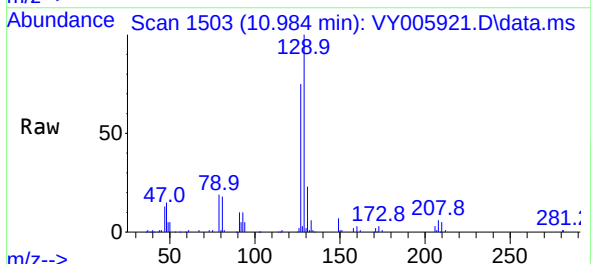
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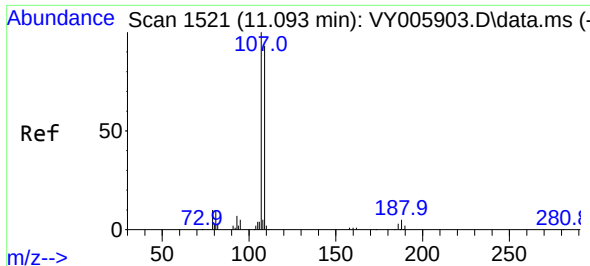
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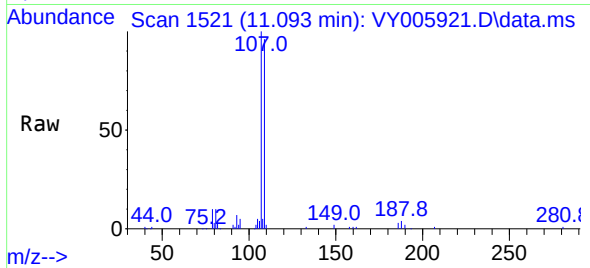
#60  
Dibromochloromethane  
Concen: 20.471 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 129 Resp: 50767  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.8 116.4

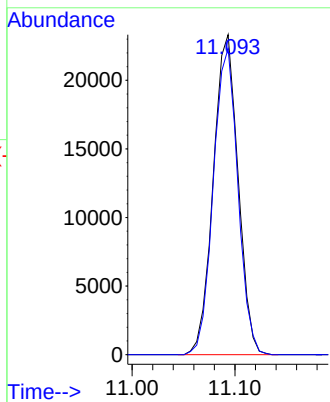
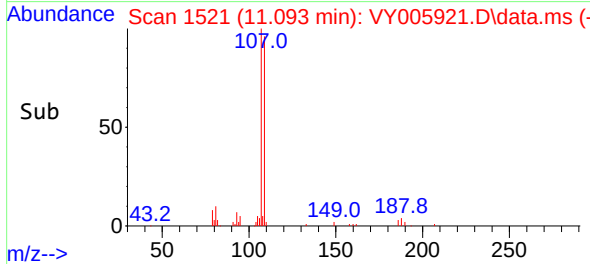




#61  
1,2-Dibromoethane  
Concen: 20.299 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



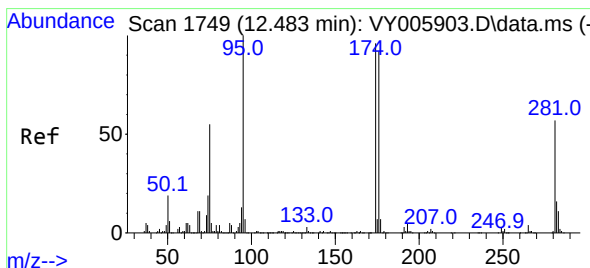
Tgt Ion: 107 Resp: 39059  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.1 112.7



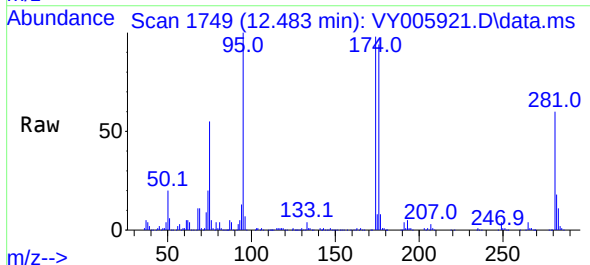
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

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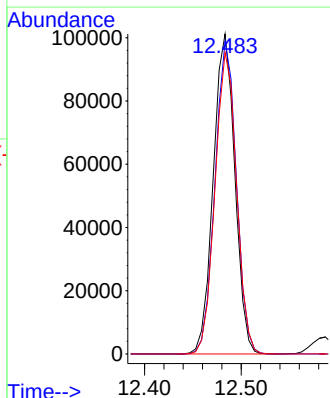
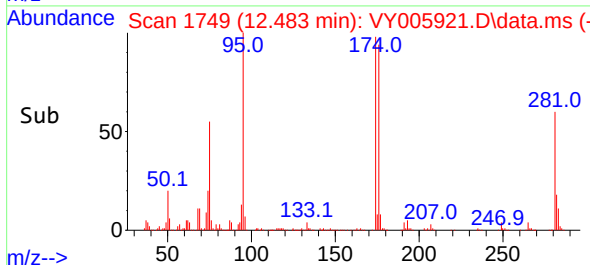
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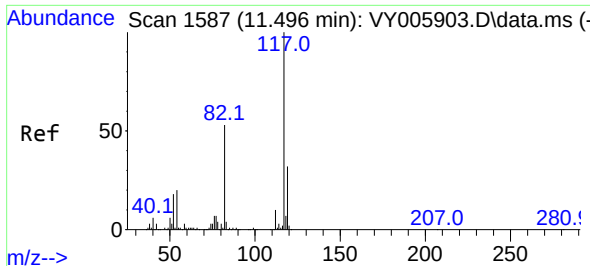


#62  
4-Bromofluorobenzene  
Concen: 52.649 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



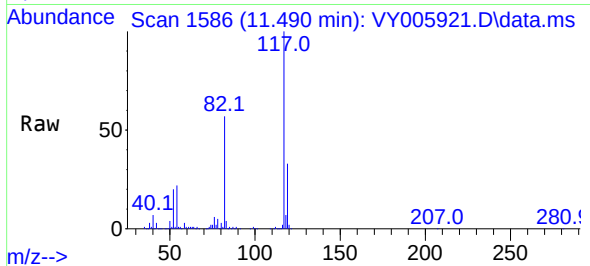
Tgt Ion: 95 Resp: 156446  
Ion Ratio Lower Upper  
95 100  
174 96.6 0.0 192.4  
176 94.0 0.0 186.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

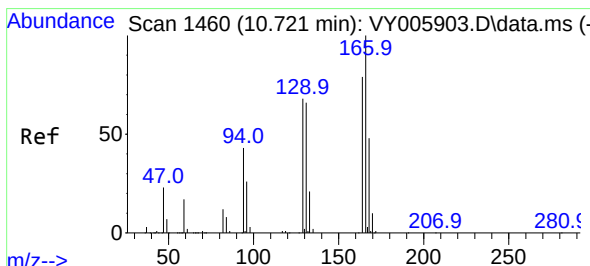
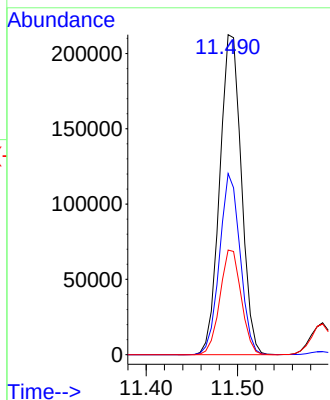
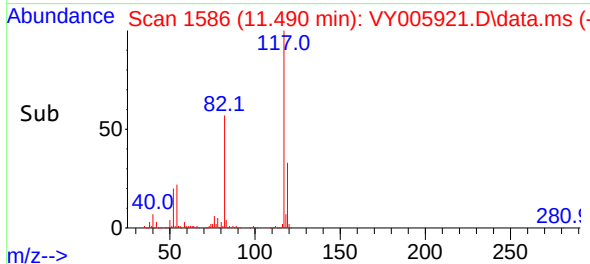
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01



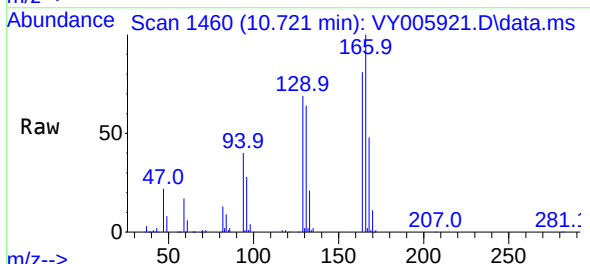
Tgt Ion:117 Resp: 349136  
Ion Ratio Lower Upper  
117 100  
82 56.6 42.4 63.6  
119 32.7 25.4 38.0

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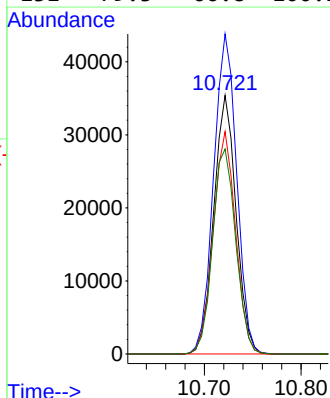
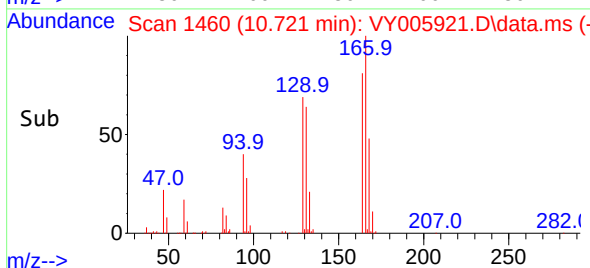
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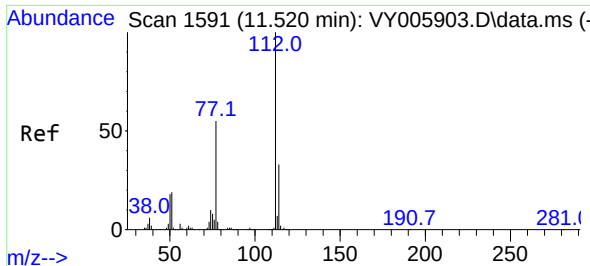


#64  
Tetrachloroethene  
Concen: 19.892 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



Tgt Ion:164 Resp: 56864  
Ion Ratio Lower Upper  
164 100  
166 123.7 101.8 152.8  
129 86.0 68.7 103.1  
131 79.3 66.8 100.2





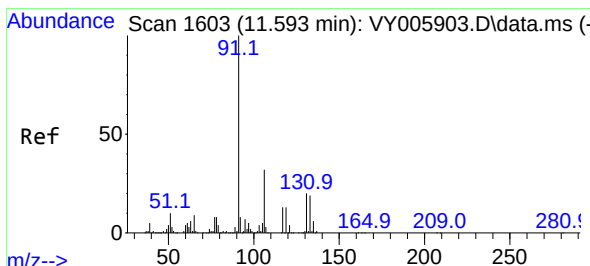
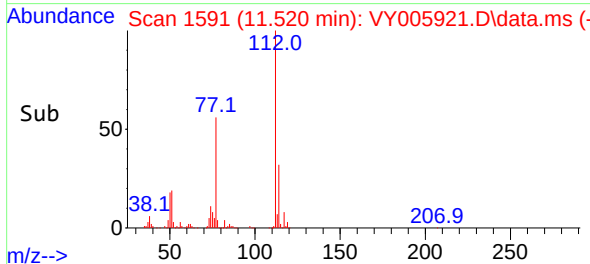
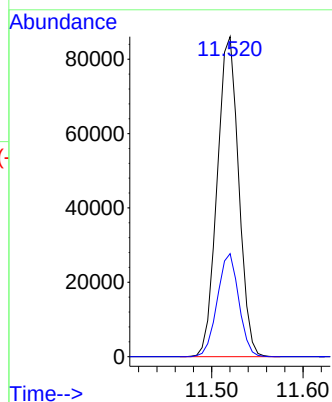
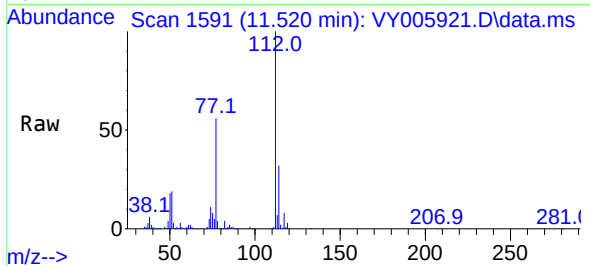
#65  
Chlorobenzene  
Concen: 20.081 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

Tgt Ion:112 Resp: 140677  
Ion Ratio Lower Upper  
112 100  
114 32.2 26.2 39.2

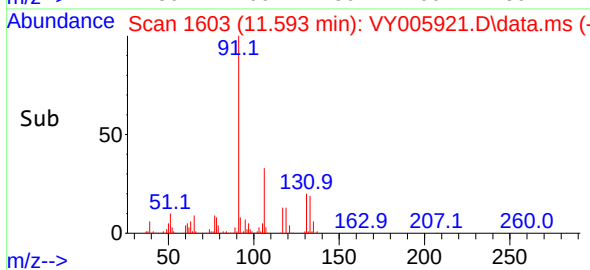
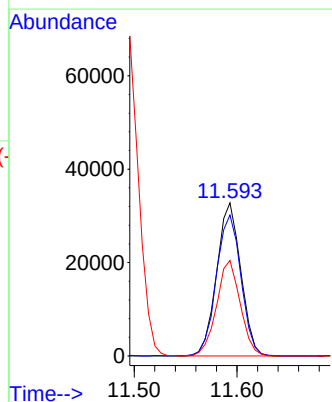
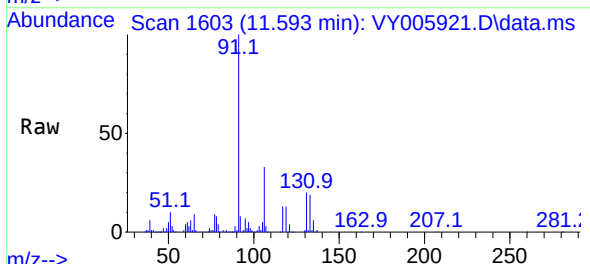
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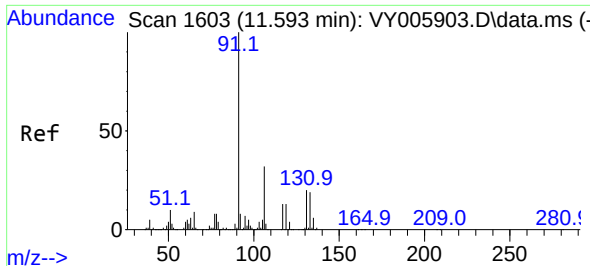
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.329 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion:131 Resp: 53312  
Ion Ratio Lower Upper  
131 100  
133 94.3 48.6 145.8  
119 61.4 31.5 94.5





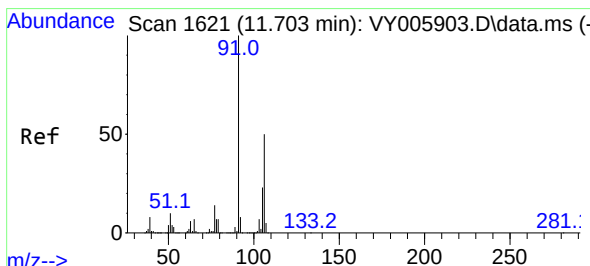
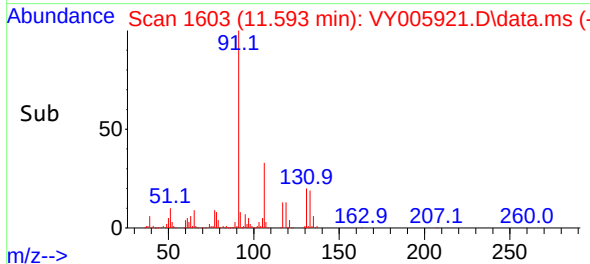
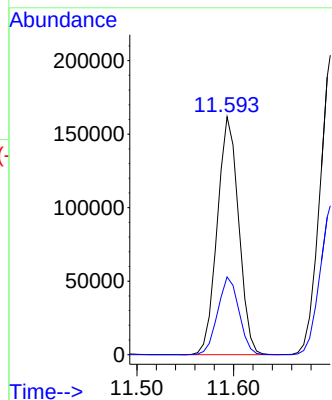
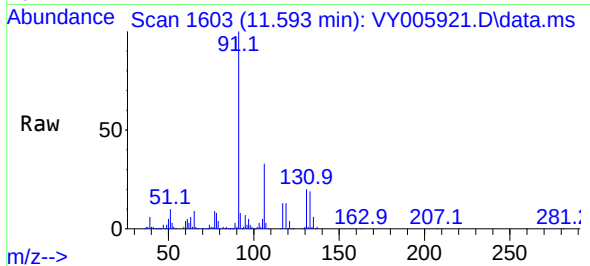
#67  
Ethyl Benzene  
Concen: 19.829 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

Tgt Ion: 91 Resp: 248316  
Ion Ratio Lower Upper  
91 100  
106 32.7 25.5 38.3

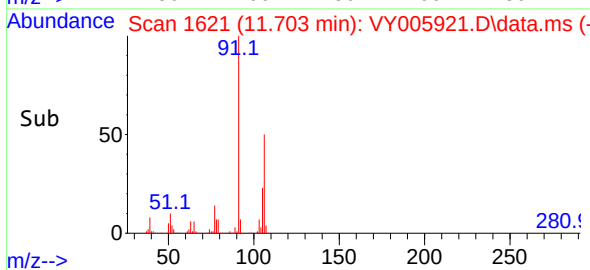
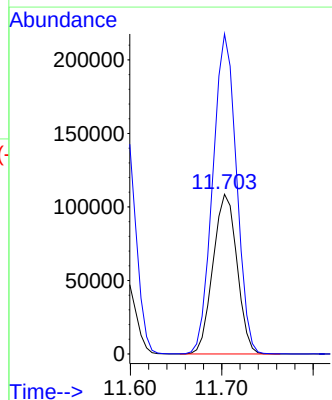
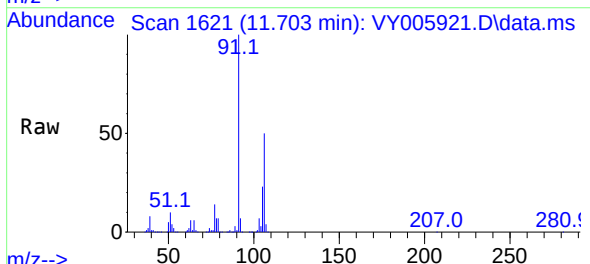
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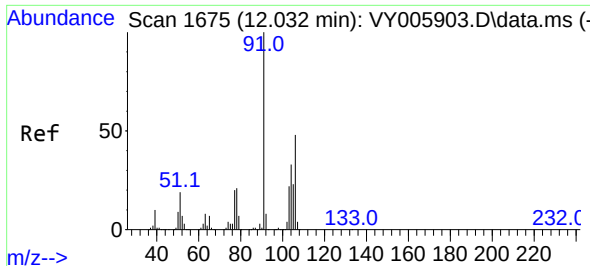
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#68  
m/p-Xylenes  
Concen: 40.079 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion:106 Resp: 197921  
Ion Ratio Lower Upper  
106 100  
91 197.9 158.4 237.6





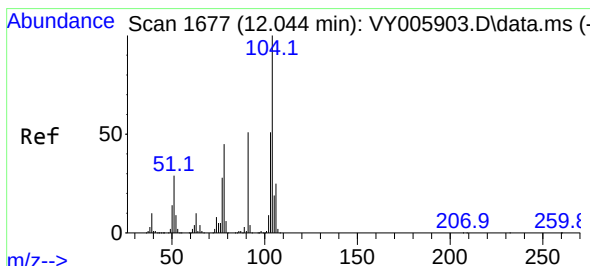
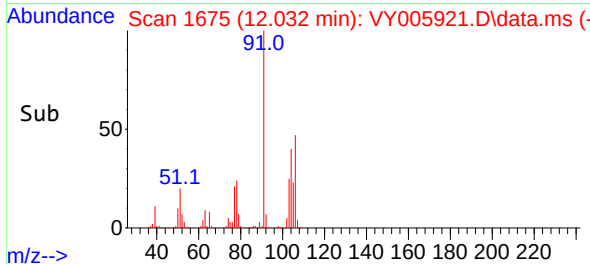
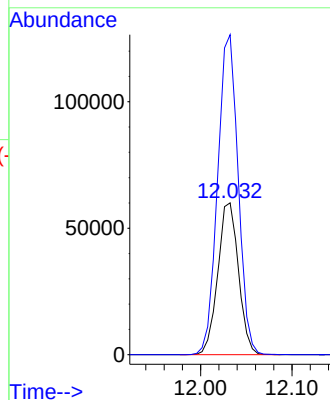
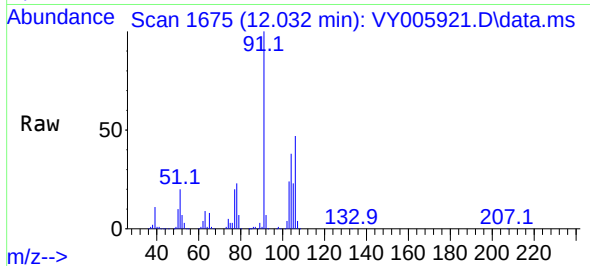
#69  
o-Xylene  
Concen: 20.385 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion:106 Resp: 94509  
Ion Ratio Lower Upper  
106 100  
91 209.0 105.8 317.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

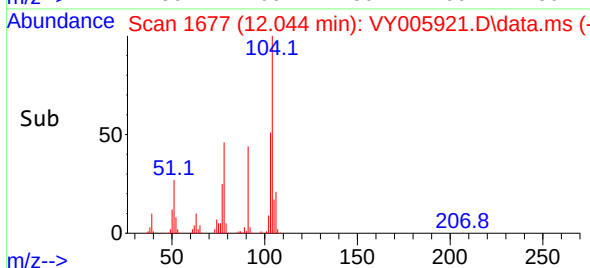
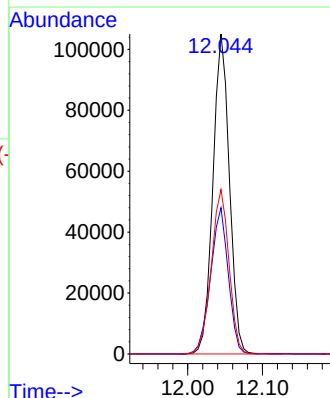
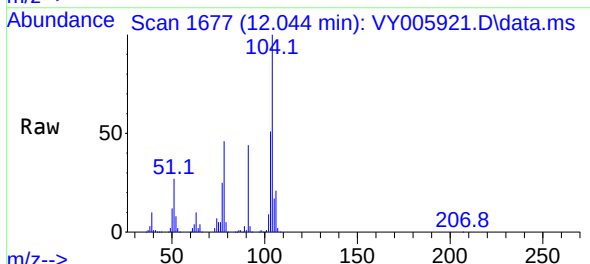
Manual Integrations  
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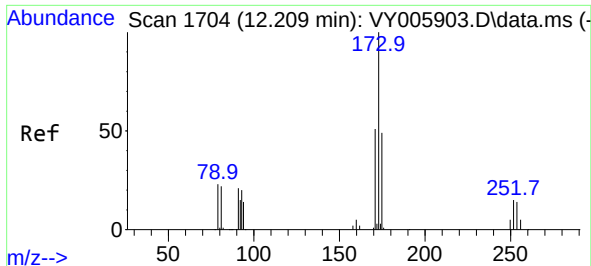
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#70  
Styrene  
Concen: 20.413 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

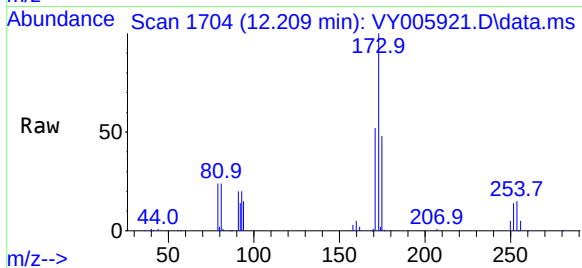
Tgt Ion:104 Resp: 161434  
Ion Ratio Lower Upper  
104 100  
78 48.9 39.6 59.4  
103 55.2 44.1 66.1





#71  
Bromoform  
Concen: 20.093 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

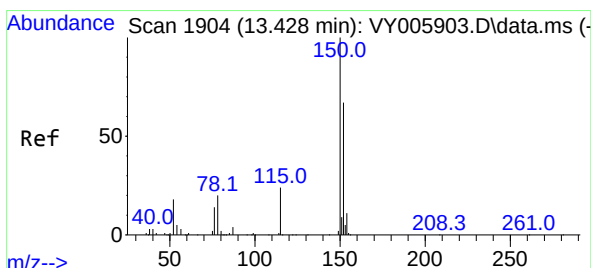
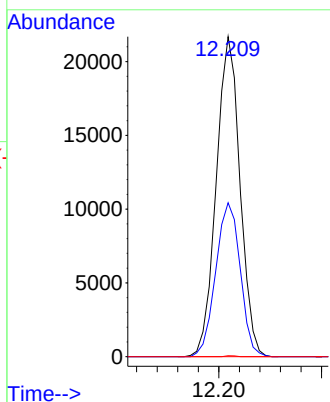
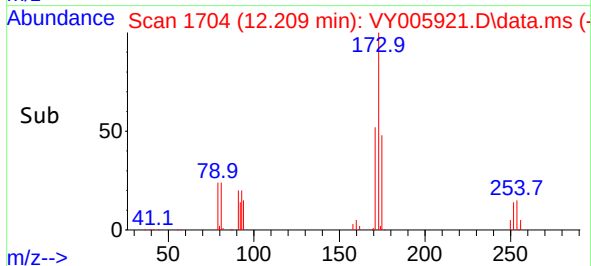
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01



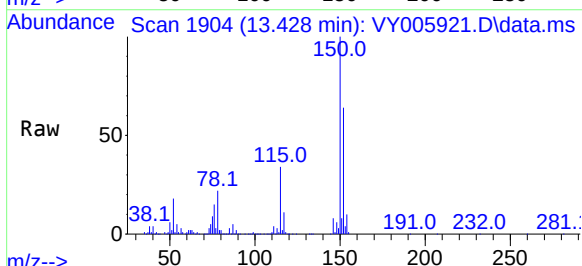
Tgt Ion:173 Resp: 34740  
Ion Ratio Lower Upper  
173 100  
175 49.6 24.5 73.5  
254 0.1 0.1 0.1#

Manual Integrations  
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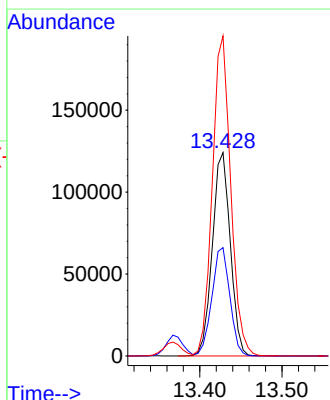
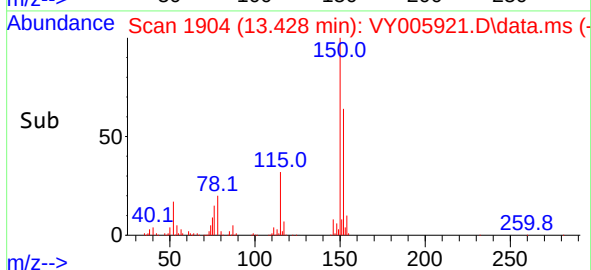
MMDadoda  
9/7/2021 4:41:02 PM



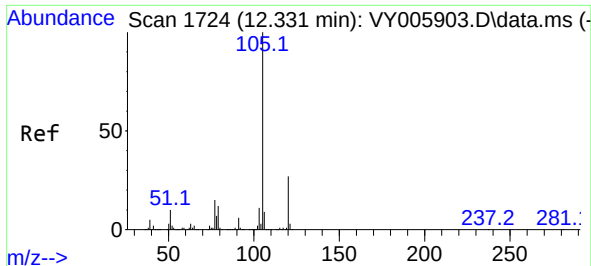
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



Tgt Ion:152 Resp: 188294  
Ion Ratio Lower Upper  
152 100  
115 53.5 26.8 80.4  
150 161.4 0.0 345.6







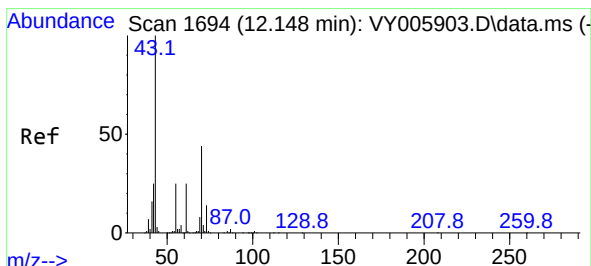
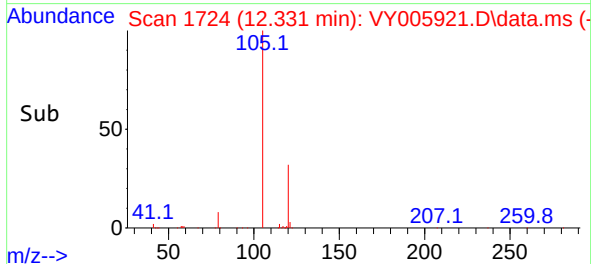
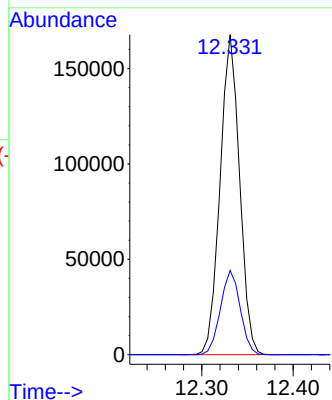
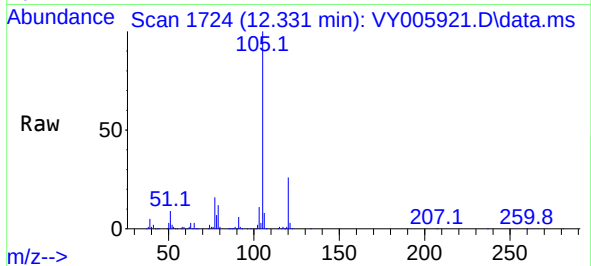
#73  
Isopropylbenzene  
Concen: 19.780 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 105 Resp: 248244  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.7 41.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

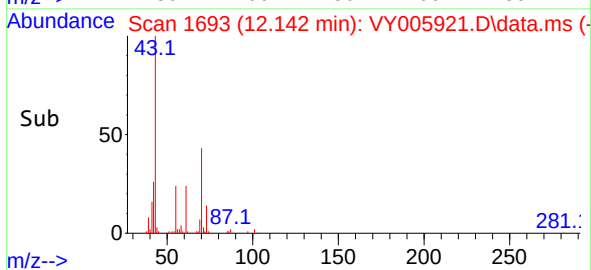
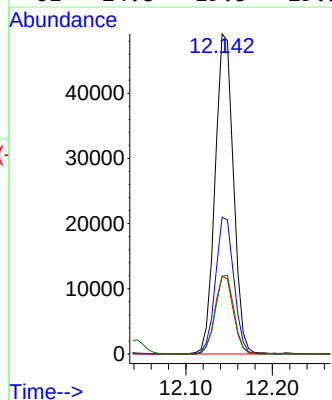
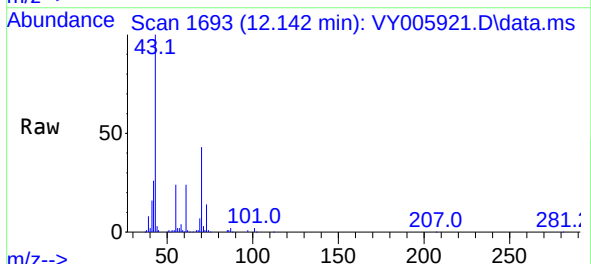
Manual Integrations  
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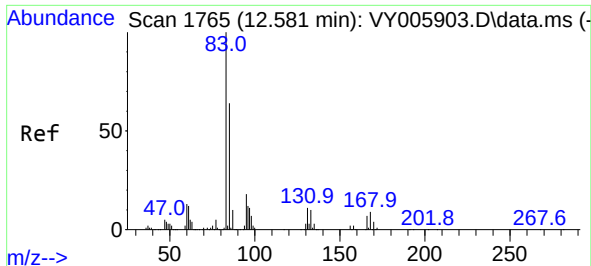
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#74  
N-ethyl acetate  
Concen: 20.078 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 43 Resp: 72297  
Ion Ratio Lower Upper  
43 100  
70 42.7 34.2 51.4  
55 24.5 19.4 29.2  
61 24.8 19.5 29.3





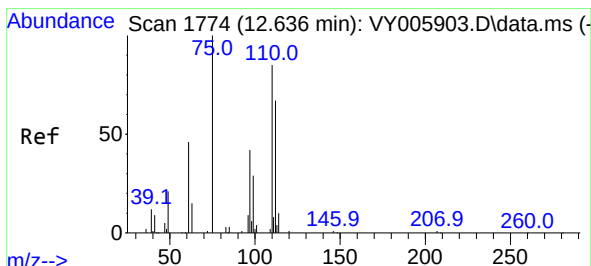
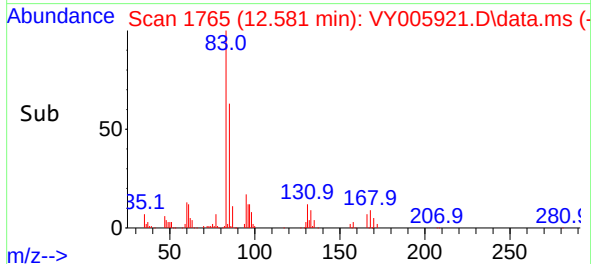
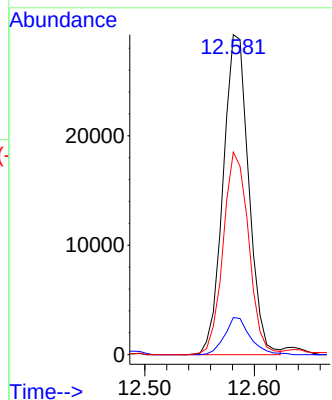
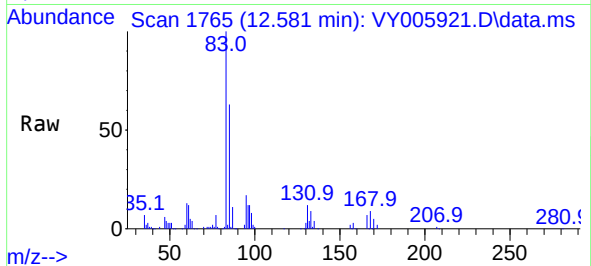
#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.866 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 83 Resp: 47449  
Ion Ratio Lower Upper  
83 100  
131 11.6 5.7 17.0  
85 63.1 31.9 95.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

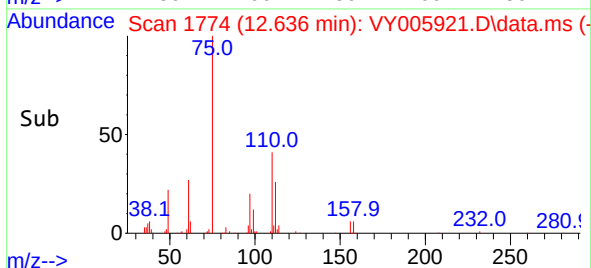
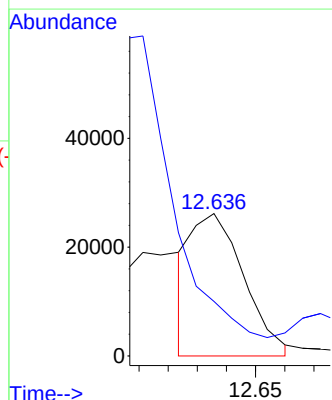
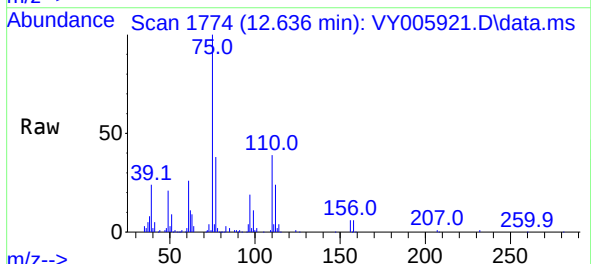
Manual Integrations  
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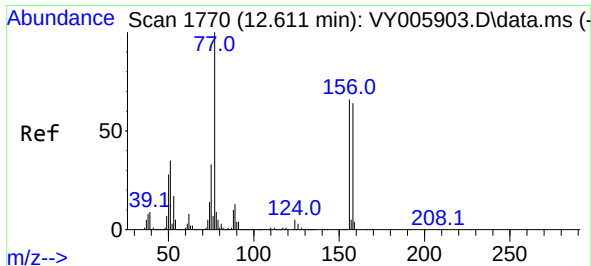
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#76  
1,2,3-Trichloropropane  
Concen: 18.599 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 75 Resp: 32779  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





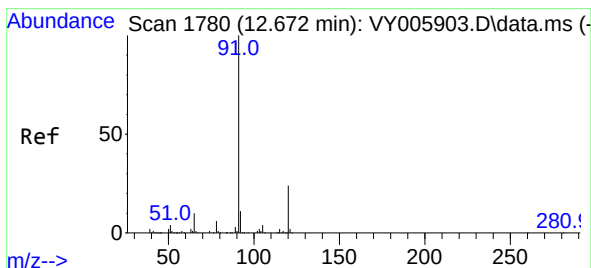
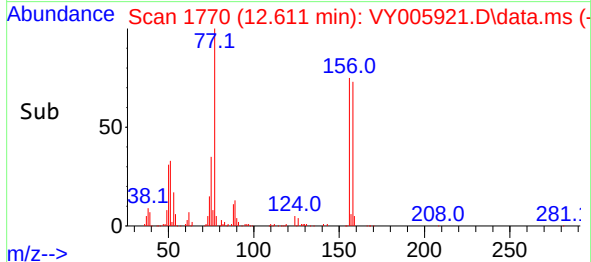
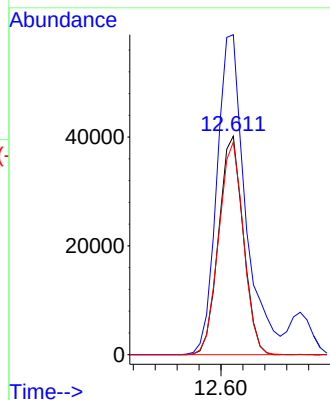
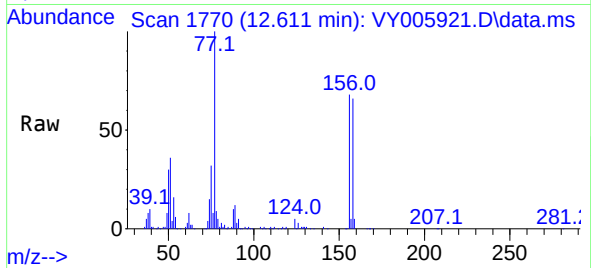
#77  
Bromobenzene  
Concen: 19.786 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 156 Resp: 62545  
Ion Ratio Lower Upper  
156 100  
77 170.5 85.9 257.7  
158 97.9 48.3 144.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

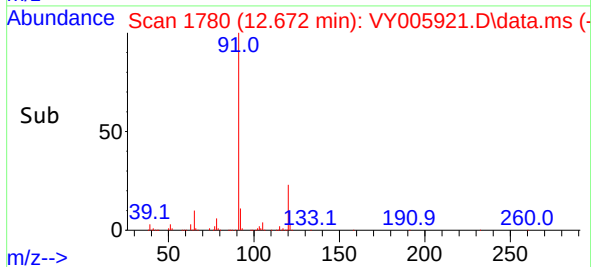
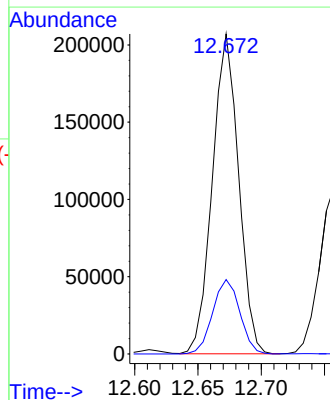
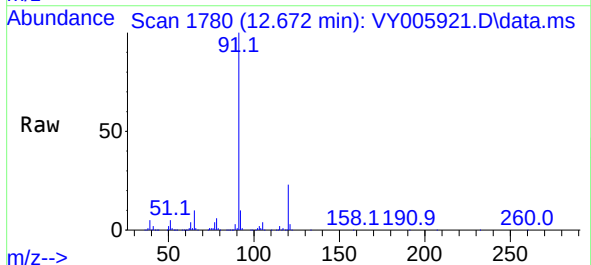
Manual Integrations  
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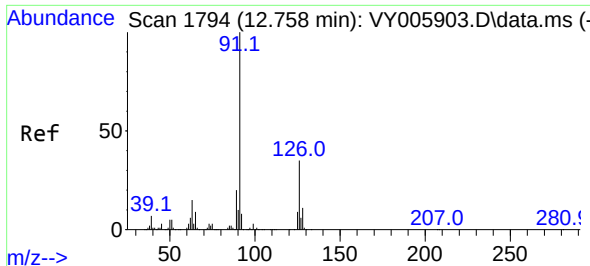
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#78  
n-propylbenzene  
Concen: 19.881 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 91 Resp: 298204  
Ion Ratio Lower Upper  
91 100  
120 24.0 11.9 35.9





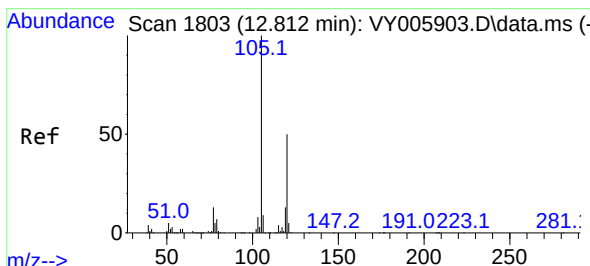
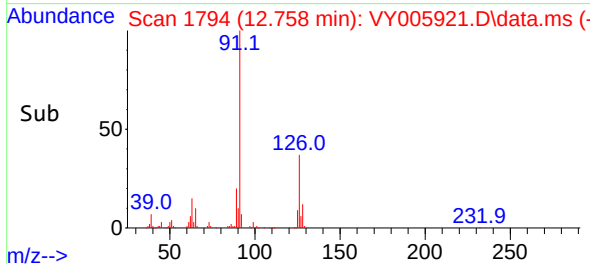
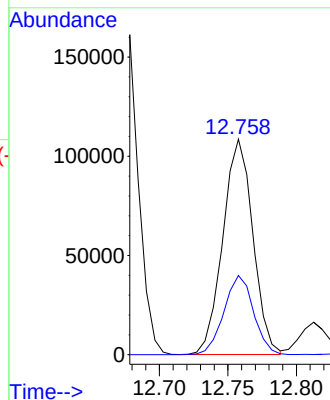
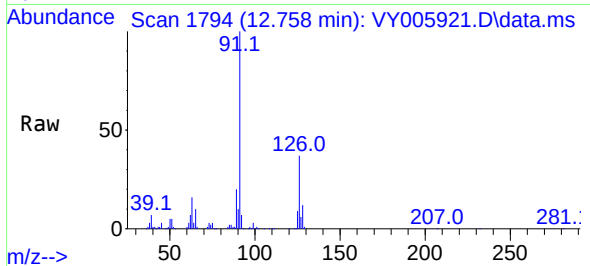
#79  
2-Chlorotoluene  
Concen: 19.883 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 91 Resp: 166021  
Ion Ratio Lower Upper  
91 100  
126 36.2 17.8 53.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

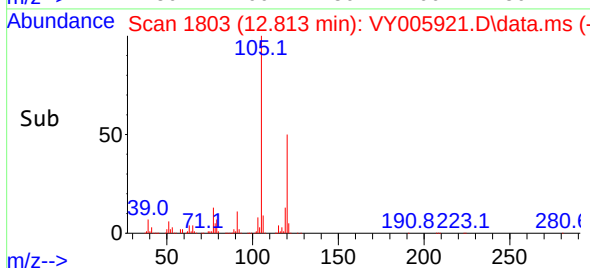
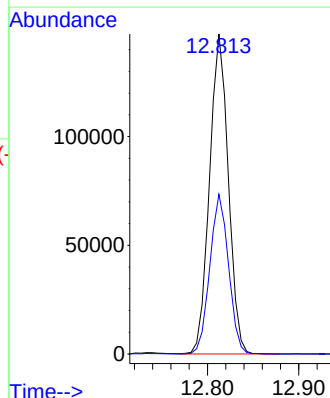
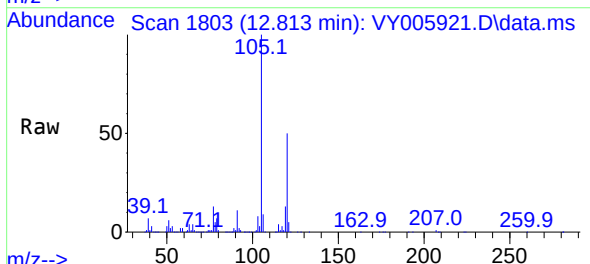
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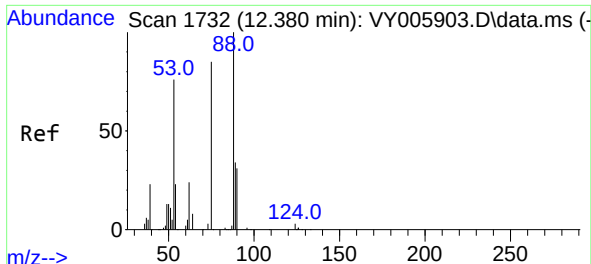
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#80  
1,3,5-Trimethylbenzene  
Concen: 19.918 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 105 Resp: 209436  
Ion Ratio Lower Upper  
105 100  
120 49.7 25.2 75.6





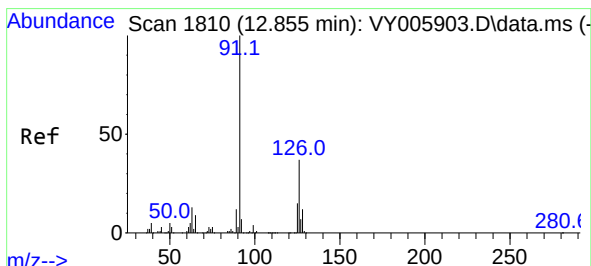
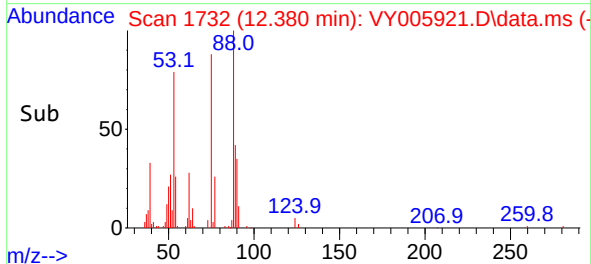
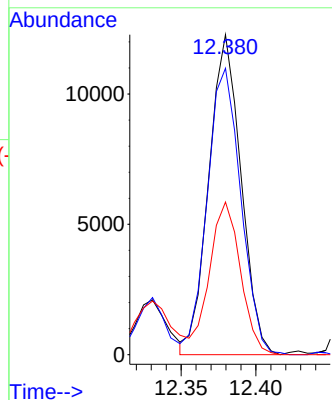
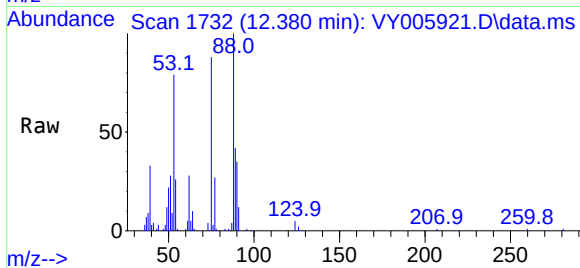
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.826 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 75 Resp: 18373  
Ion Ratio Lower Upper  
75 100  
53 93.4 71.8 107.8  
89 45.6 35.8 53.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

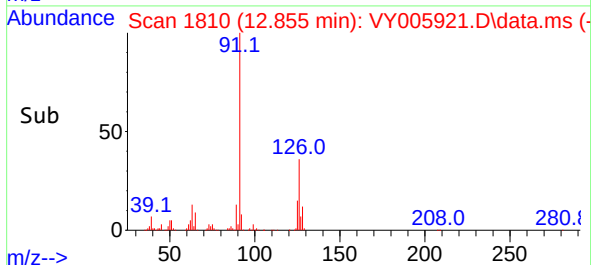
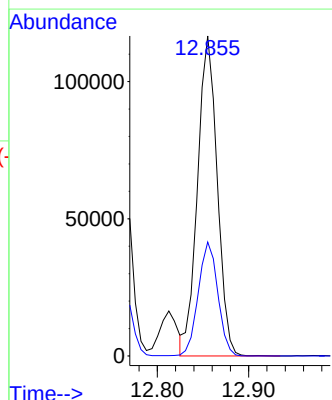
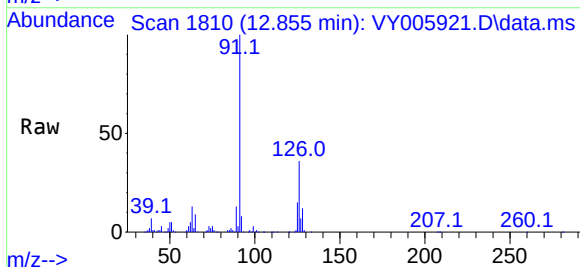
Manual Integrations  
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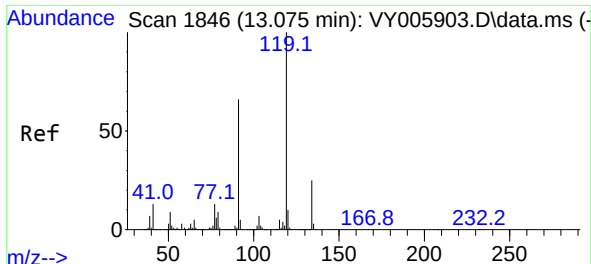
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#82  
4-Chlorotoluene  
Concen: 19.890 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 91 Resp: 174242  
Ion Ratio Lower Upper  
91 100  
126 35.5 18.2 54.6





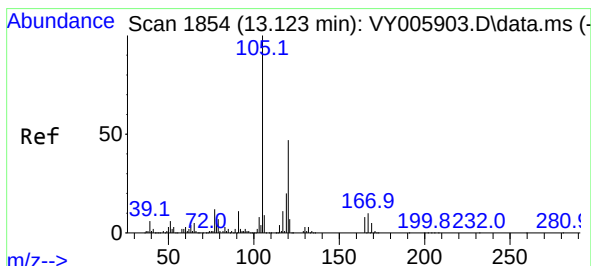
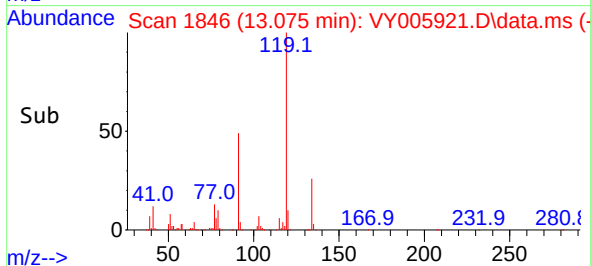
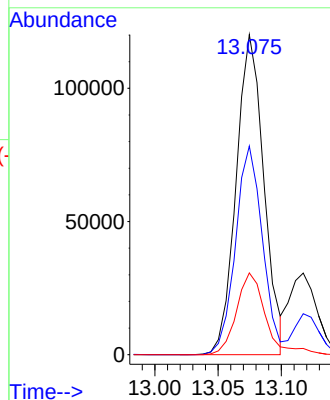
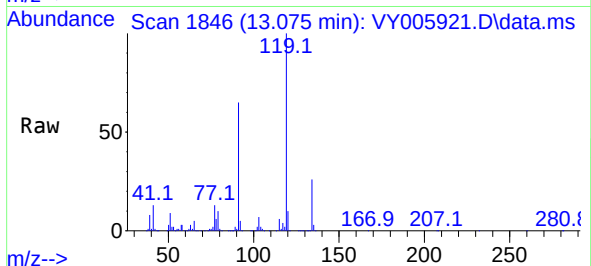
#83  
tert-Butylbenzene  
Concen: 19.966 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion:119 Resp: 183508  
Ion Ratio Lower Upper  
119 100  
91 63.2 32.4 97.0  
134 26.9 13.5 40.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

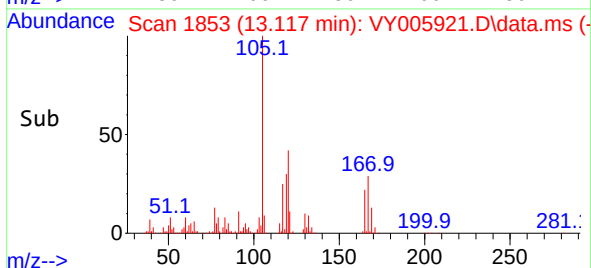
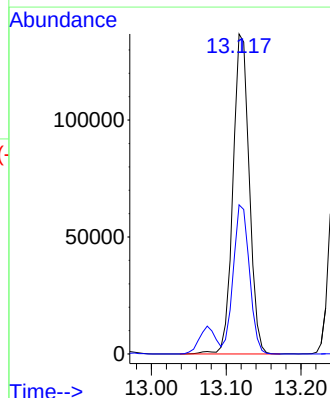
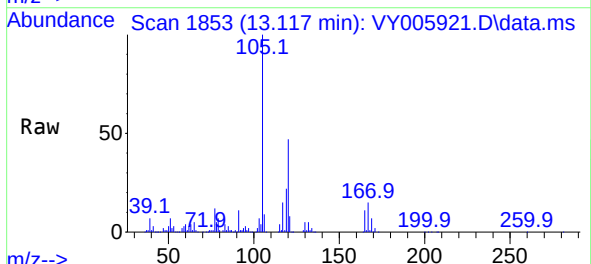
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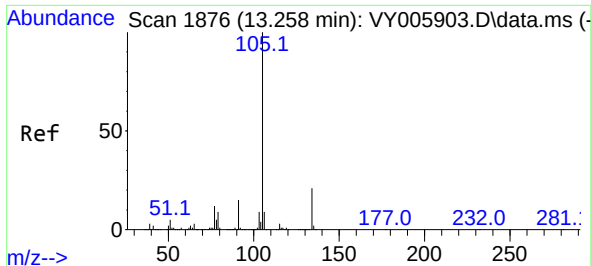
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#84  
1,2,4-Trimethylbenzene  
Concen: 19.844 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

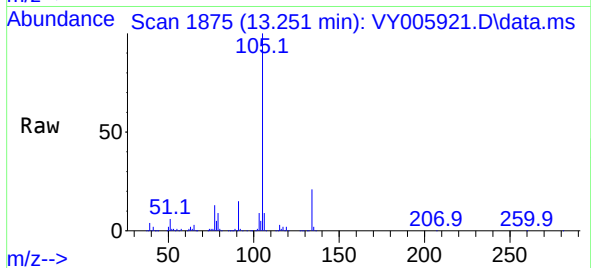
Tgt Ion:105 Resp: 206976  
Ion Ratio Lower Upper  
105 100  
120 46.5 23.3 69.9





#85  
sec-Butylbenzene  
Concen: 19.898 ug/l  
RT: 13.251 min Scan# 1875  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

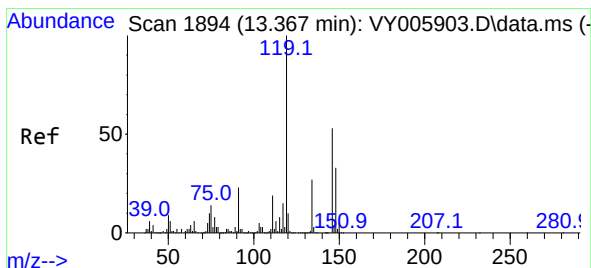
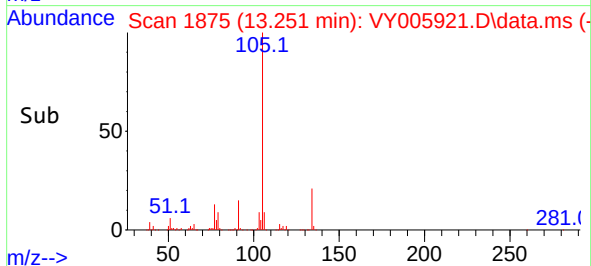
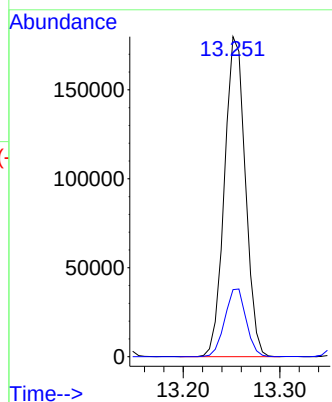
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01



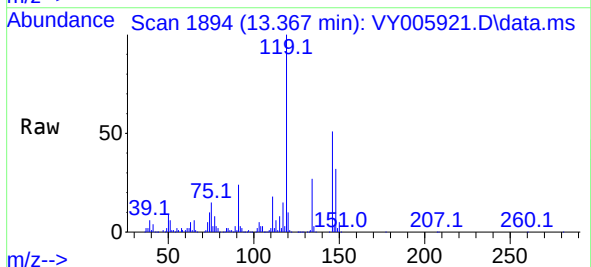
Tgt Ion:105 Resp: 269543  
Ion Ratio Lower Upper  
105 100  
134 21.6 10.8 32.3

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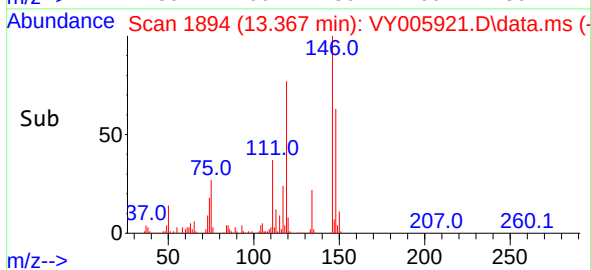
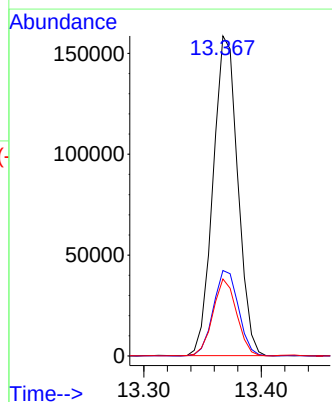
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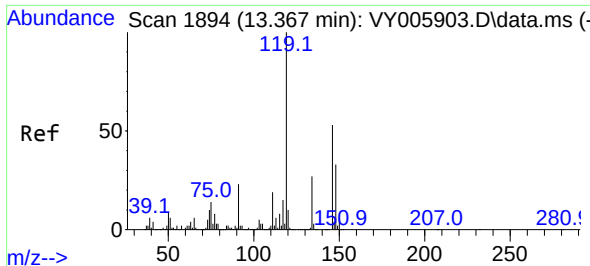


#86  
p-Isopropyltoluene  
Concen: 19.691 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



Tgt Ion:119 Resp: 231129  
Ion Ratio Lower Upper  
119 100  
134 27.2 13.7 41.1  
91 23.2 11.4 34.2





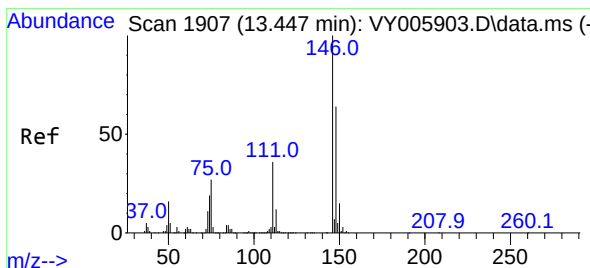
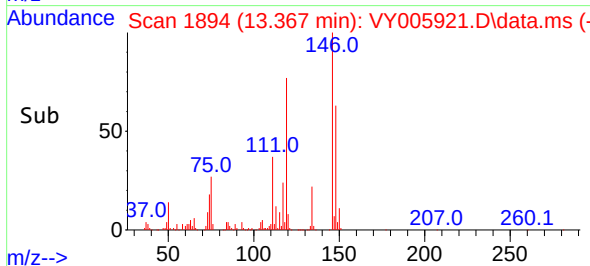
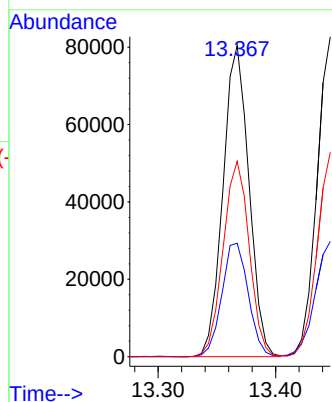
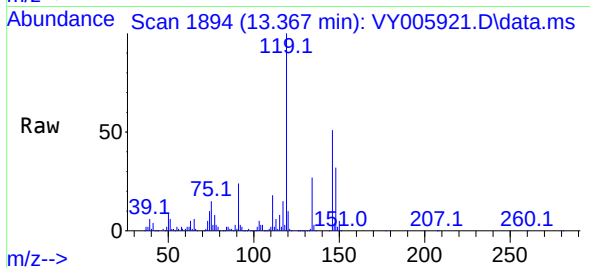
#87  
1,3-Dichlorobenzene  
Concen: 20.054 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion:146 Resp: 123350  
Ion Ratio Lower Upper  
146 100  
111 37.3 18.6 55.6  
148 63.4 31.9 95.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

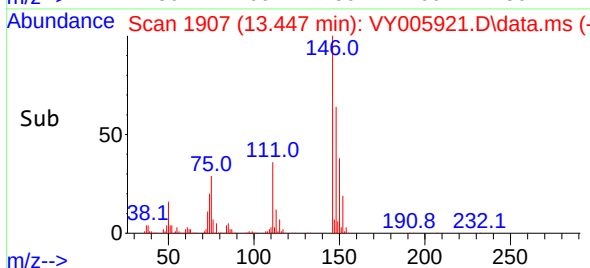
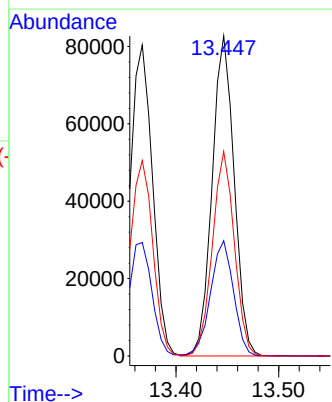
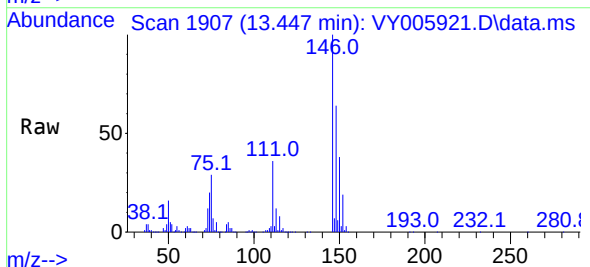
Manual Integrations  
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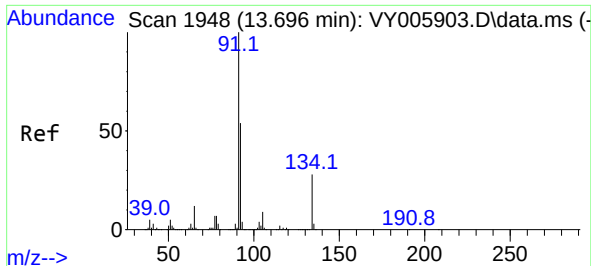


#88  
1,4-Dichlorobenzene  
Concen: 20.028 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

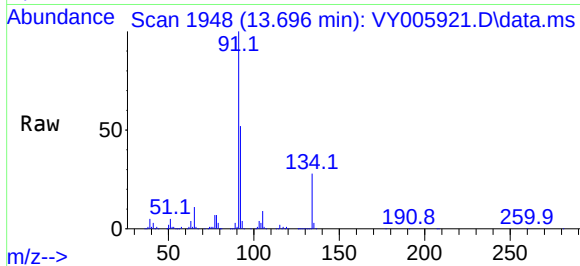
Tgt Ion:146 Resp: 123053  
Ion Ratio Lower Upper  
146 100  
111 37.8 18.1 54.3  
148 63.8 32.1 96.5



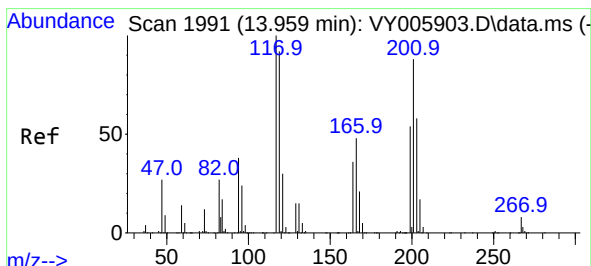
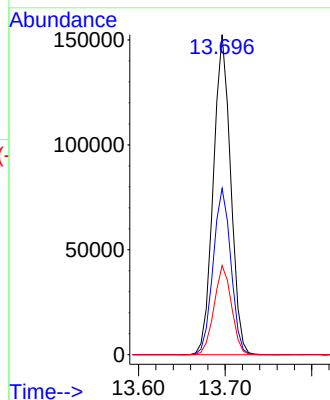
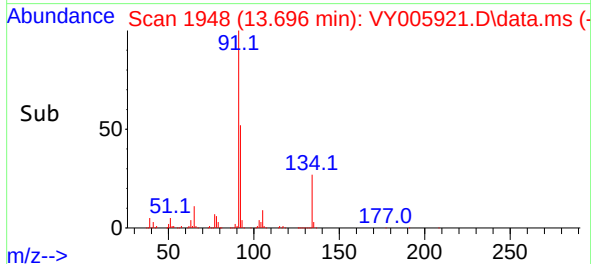




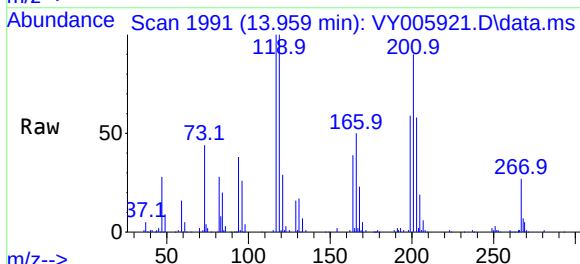
#89  
n-Butylbenzene  
Concen: 20.195 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



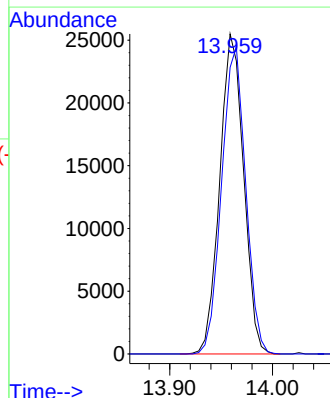
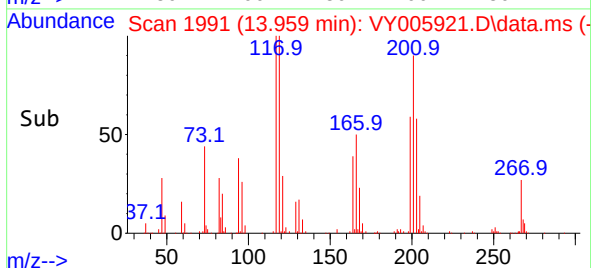
Tgt Ion: 91 Resp: 212081  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.7 80.0  
134 27.9 14.1 42.2



#90  
Hexachloroethane  
Concen: 19.295 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



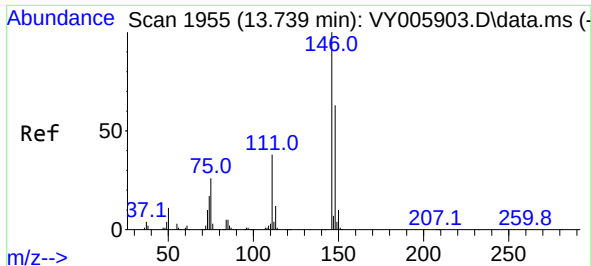
Tgt Ion: 117 Resp: 41101  
Ion Ratio Lower Upper  
117 100  
201 96.4 47.2 141.6



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

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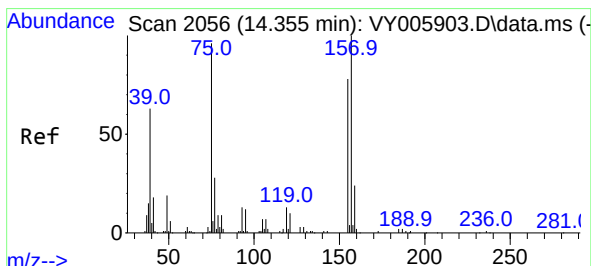
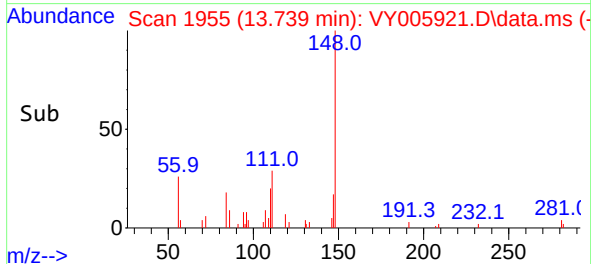
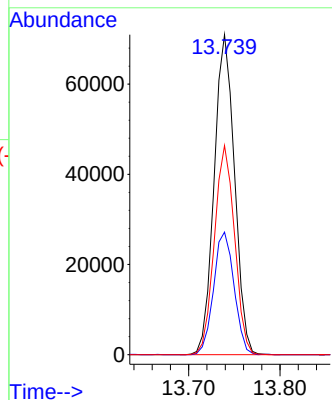
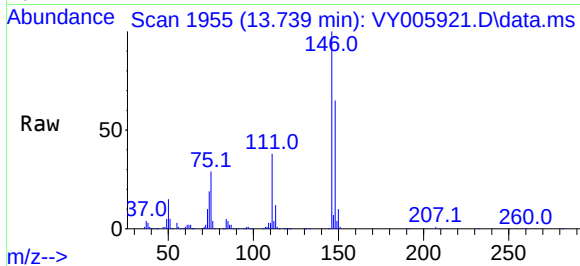
#91  
1,2-Dichlorobenzene  
Concen: 20.192 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
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Tgt Ion: 146 Resp: 110126  
Ion Ratio Lower Upper  
146 100  
111 38.5 19.4 58.2  
148 64.7 32.2 96.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

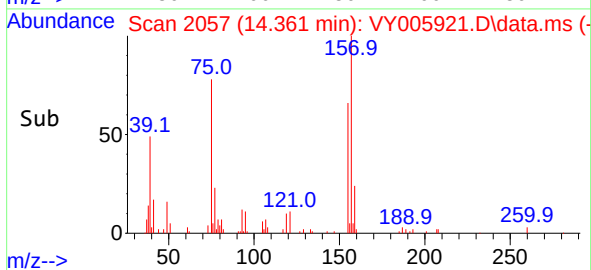
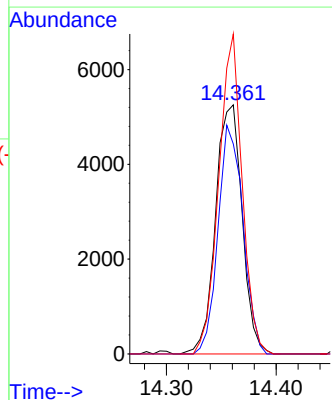
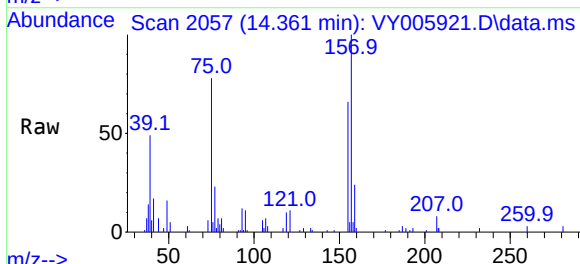
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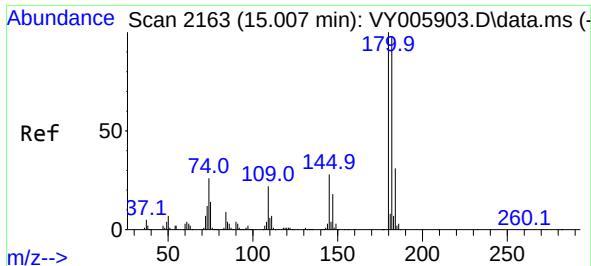
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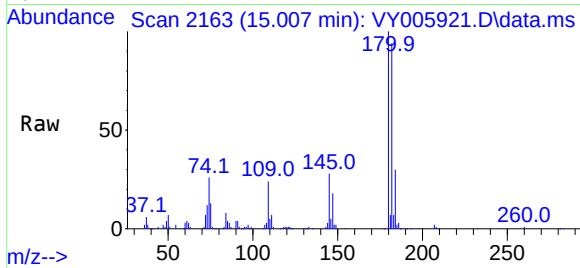
#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.788 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

Tgt Ion: 75 Resp: 8864  
Ion Ratio Lower Upper  
75 100  
155 86.0 43.1 129.3  
157 112.9 54.4 163.3

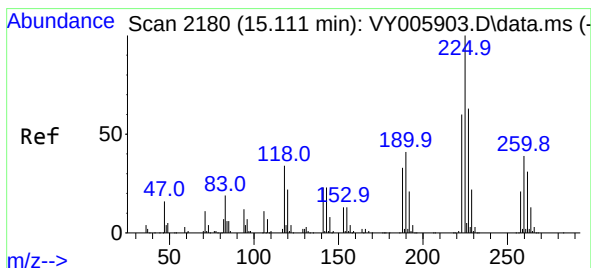
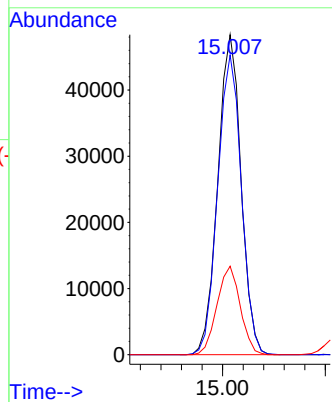
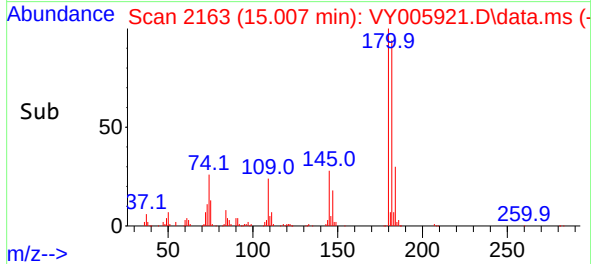




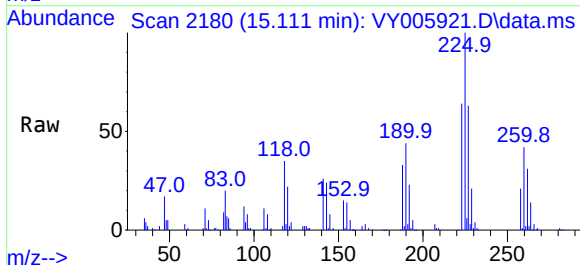
#93  
1,2,4-Trichlorobenzene  
Concen: 20.594 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



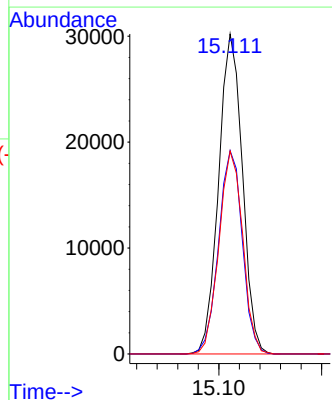
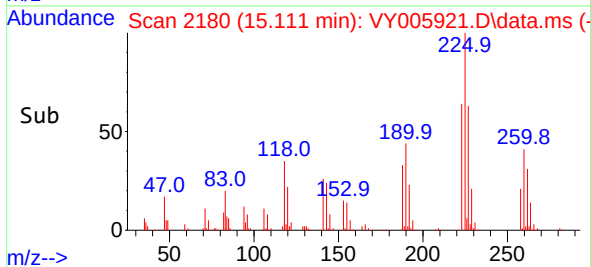
Tgt Ion:180 Resp: 75815  
Ion Ratio Lower Upper  
180 100  
182 95.3 48.1 144.4  
145 27.7 13.9 41.6



#94  
Hexachlorobutadiene  
Concen: 20.425 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



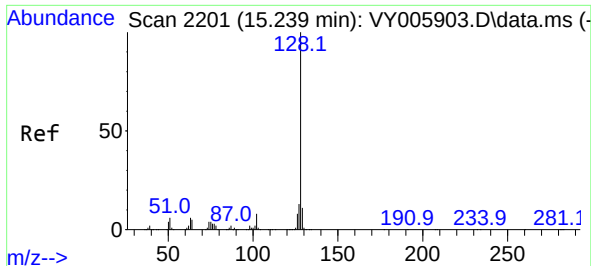
Tgt Ion:225 Resp: 48438  
Ion Ratio Lower Upper  
225 100  
223 63.6 31.1 93.3  
227 63.3 32.2 96.6



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01

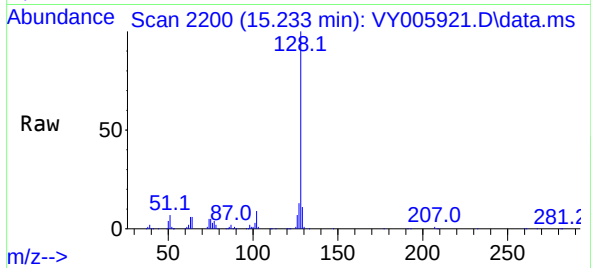
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#95  
Naphthalene  
Concen: 20.576 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. -0.006 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34

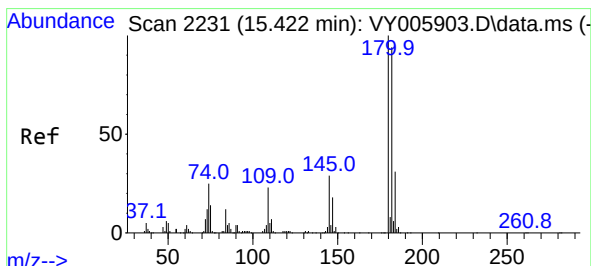
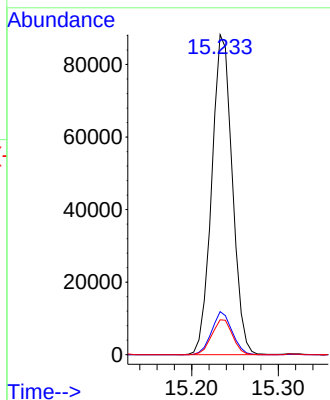
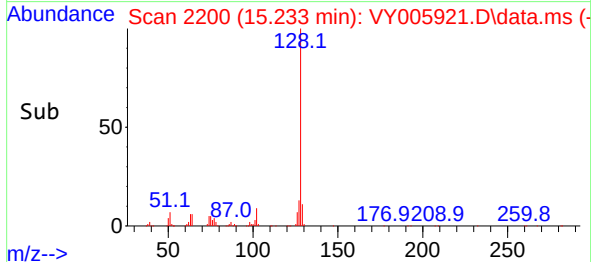
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0901SBSD01



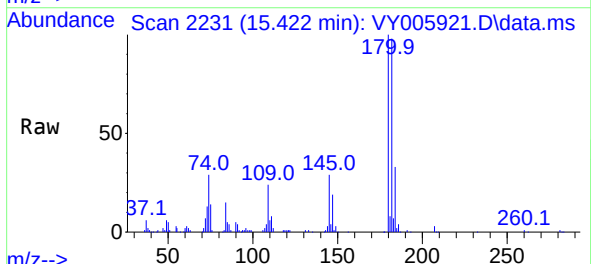
Tgt Ion:128 Resp: 145529  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.6 15.8  
129 11.0 8.7 13.1

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.534 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. 0.000 min  
Lab File: VY005921.D  
Acq: 01 Sep 2021 11:34



Tgt Ion:180 Resp: 65997  
Ion Ratio Lower Upper  
180 100  
182 96.1 47.8 143.3  
145 29.4 14.2 42.8

