

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY031121\  
 Data File : VY004075.D  
 Acq On : 11 Mar 2021 14:30  
 Operator : SY/MD  
 Sample : MDL04  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MDL04

Manual Integrations  
 APPROVED

MMDadoda  
 3/12/2021 2:02:04 PM

Quant Time: Mar 12 02:02:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030821S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 12 02:01:34 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 7.801          | 168  | 234128     | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 368016     | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.496         | 117  | 331964     | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 167792     | 50.00   | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.155          | 65   | 114163     | 49.41   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 98.82%  |        |          |
| 35) Dibromofluoromethane     | 7.728          | 113  | 107859     | 51.97   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 103.94% |        |          |
| 50) Toluene-d8               | 10.185         | 98   | 410470     | 50.45   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 100.90% |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 148719     | 49.49   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 98.98%  |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.912          | 85   | 4999       | 2.65    | ug/l   | 91       |
| 3) Chloromethane             | 2.113          | 50   | 8332       | 3.29    | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.260          | 62   | 8474       | 2.99    | ug/l   | 95       |
| 5) Bromomethane              | 2.662          | 94   | 7266       | 4.02    | ug/l   | 99       |
| 6) Chloroethane              | 2.802          | 64   | 5163       | 3.00    | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 3.131          | 101  | 9999       | 2.66    | ug/l   | 100      |
| 8) Diethyl Ether             | 3.534          | 74   | 3271       | 2.71    | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 3.918          | 101  | 5450       | 2.59    | ug/l   | 99       |
| 10) Methyl Iodide            | 4.113          | 142  | 4914       | 2.29    | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.009          | 59   | 3303m      | 15.81   | ug/l   |          |
| 12) 1,1-Dichloroethene       | 3.893          | 96   | 5611       | 2.73    | ug/l # | 79       |
| 13) Acrolein                 | 3.741          | 56   | 2269       | 10.95   | ug/l   | 89       |
| 14) Allyl chloride           | 4.491          | 41   | 8182       | 2.40    | ug/l # | 90       |
| 15) Acrylonitrile            | 5.192          | 53   | 7611       | 12.70   | ug/l   | 94       |
| 16) Acetone                  | 3.973          | 43   | 6630       | 11.89   | ug/l   | 93       |
| 17) Carbon Disulfide         | 4.210          | 76   | 15505      | 2.56    | ug/l # | 95       |
| 18) Methyl Acetate           | 4.497          | 43   | 4474       | 3.25    | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.241          | 73   | 15095      | 2.58    | ug/l   | 97       |
| 20) Methylene Chloride       | 4.735          | 84   | 16035      | 5.95    | ug/l   | 91       |
| 21) trans-1,2-Dichloroethene | 5.235          | 96   | 5981       | 2.59    | ug/l   | 86       |
| 22) Diisopropyl ether        | 6.137          | 45   | 17198      | 2.39    | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.076          | 43   | 54053      | 11.43   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.033          | 63   | 9988       | 2.50    | ug/l   | 97       |
| 25) 2-Butanone               | 7.003          | 43   | 9658       | 12.01   | ug/l # | 88       |
| 26) 2,2-Dichloropropane      | 6.996          | 77   | 9398       | 2.47    | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 7.003          | 96   | 6867       | 2.61    | ug/l   | 88       |
| 28) Bromochloromethane       | 7.344          | 49   | 3974       | 2.28    | ug/l # | 87       |
| 29) Tetrahydrofuran          | 7.362          | 42   | 6449       | 12.35   | ug/l   | 93       |
| 30) Chloroform               | 7.527          | 83   | 10542      | 2.55    | ug/l   | 96       |
| 31) Cyclohexane              | 7.795          | 56   | 13984      | 3.45    | ug/l # | 51       |
| 32) 1,1,1-Trichloroethane    | 7.722          | 97   | 9650       | 2.52    | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.929          | 75   | 8838       | 2.73    | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.088          | 43   | 3692       | 2.12    | ug/l # | 89       |
| 38) Carbon Tetrachloride     | 7.911          | 117  | 8690       | 2.53    | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.191          | 83   | 10621      | 2.54    | ug/l   | 88       |
| 40) Benzene                  | 8.167          | 78   | 23240      | 2.55    | ug/l   | 98       |

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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 MDL04

Manual Integrations  
 APPROVED

MMDadoda  
 3/12/2021 2:02:04 PM

Quant Time: Mar 12 02:02:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030821S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 12 02:01:34 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 41) Methacrylonitrile         | 7.326  | 41   | 2635m    | 2.44  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 7359     | 2.64  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 8395     | 2.40  | ug/l   | 93       |
| 44) Trichloroethene           | 8.947  | 130  | 7429     | 2.82  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.228  | 63   | 5480     | 2.41  | ug/l   | 100      |
| 46) Dibromomethane            | 9.313  | 93   | 3426     | 2.64  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.502  | 83   | 7986     | 2.46  | ug/l   | 88       |
| 48) Methyl methacrylate       | 9.295  | 41   | 4096     | 2.47  | ug/l # | 89       |
| 49) 1,4-Dioxane               | 9.313  | 88   | 728      | 43.99 | ug/l # | 37       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 21531    | 12.17 | ug/l   | 97       |
| 52) Toluene                   | 10.246 | 92   | 15330    | 2.60  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 8432     | 2.46  | ug/l # | 88       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 9176     | 2.39  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 4720     | 2.58  | ug/l # | 85       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 6359     | 2.49  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 8225     | 2.63  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 16124    | 14.22 | ug/l   | 92       |
| 59) 2-Hexanone                | 10.837 | 43   | 14169    | 11.39 | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.990 | 129  | 5953     | 2.59  | ug/l   | 94       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 4744     | 2.66  | ug/l   | 95       |
| 64) Tetrachloroethene         | 10.721 | 164  | 8540     | 3.07  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.520 | 112  | 16525    | 2.60  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 6183     | 2.60  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 29665    | 2.54  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.703 | 106  | 22225    | 4.99  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 10688    | 2.54  | ug/l   | 97       |
| 70) Styrene                   | 12.044 | 104  | 17416    | 2.42  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 3371     | 2.37  | ug/l # | 92       |
| 73) Isopropylbenzene          | 12.331 | 105  | 29337    | 2.52  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.148 | 43   | 7624     | 2.28  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 4432     | 2.19  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 4042m    | 2.51  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 6670     | 2.48  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.672 | 91   | 33738    | 2.46  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 18869    | 2.45  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105  | 25021    | 2.53  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 1800m    | 2.21  | ug/l   |          |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 20225    | 2.48  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 21558    | 2.53  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 25524    | 2.58  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 29281    | 2.50  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 26860    | 2.47  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 13701    | 2.63  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 14310    | 2.76  | ug/l   | 89       |
| 89) n-Butylbenzene            | 13.696 | 91   | 25198    | 2.43  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.959 | 117  | 4524     | 2.31  | ug/l   | 79       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 12733    | 2.76  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 1044     | 2.73  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 8720     | 2.79  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 4473     | 2.55  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 17479    | 2.82  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 7462     | 2.84  | ug/l   | 97       |

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Sample : MDL04  
Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL04

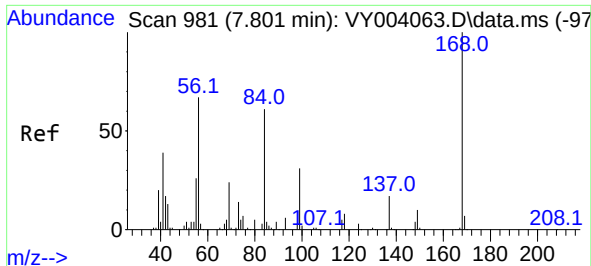
Manual Integrations  
APPROVED

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3/12/2021 2:02:04 PM

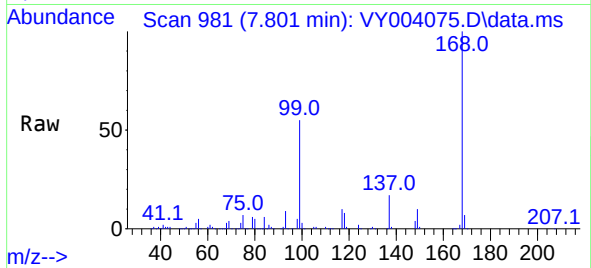
Quant Time: Mar 12 02:02:48 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030821S.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 12 02:01:34 2021  
Response via : Initial Calibration

| Compound                                                                    | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                       |      |      |          |      |       |          |
| (# ) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

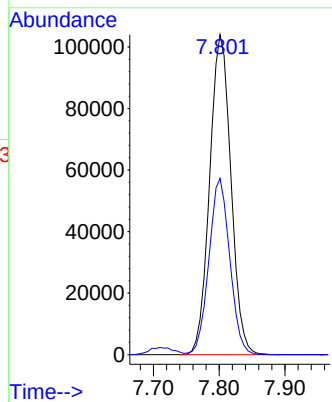
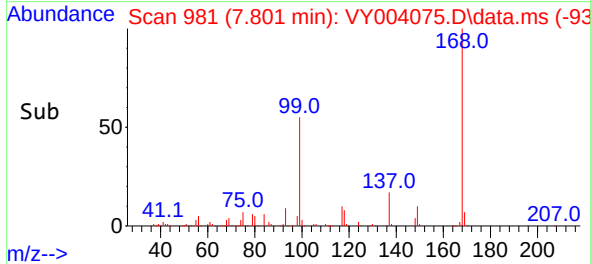




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



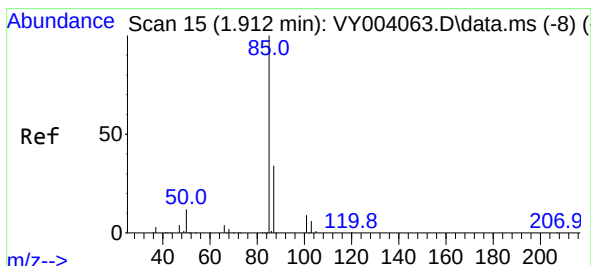
Tgt Ion: 168 Resp: 234128  
Ion Ratio Lower Upper  
168 100  
99 55.1 41.2 61.8



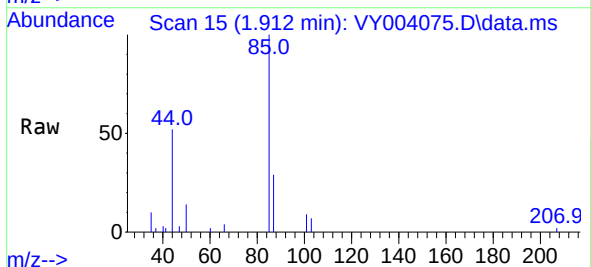
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL04

Manual Integrations  
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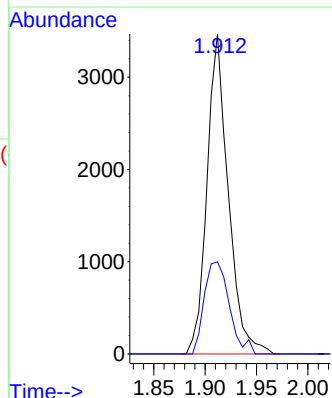
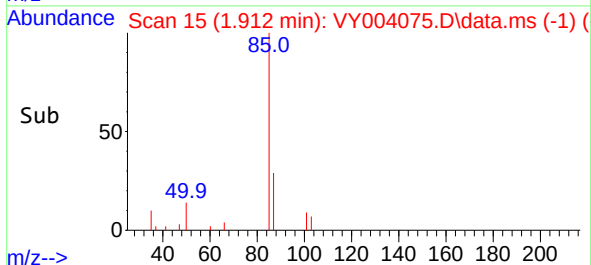
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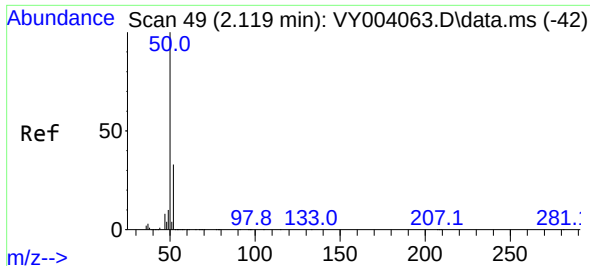


#2  
Dichlorodifluoromethane  
Concen: 2.65 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



Tgt Ion: 85 Resp: 4999  
Ion Ratio Lower Upper  
85 100  
87 28.8 17.0 51.0





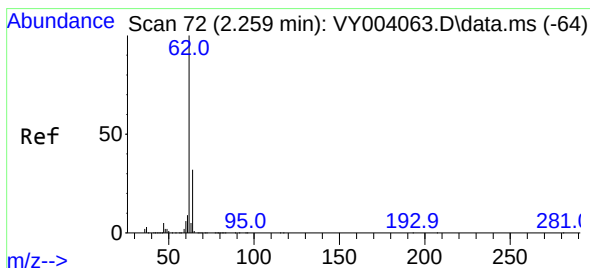
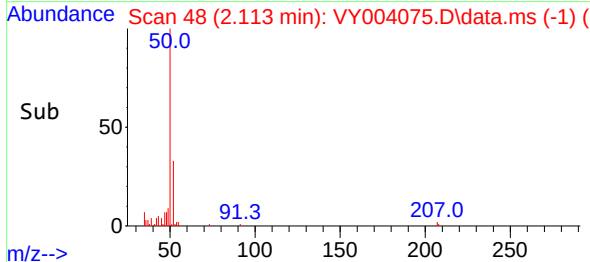
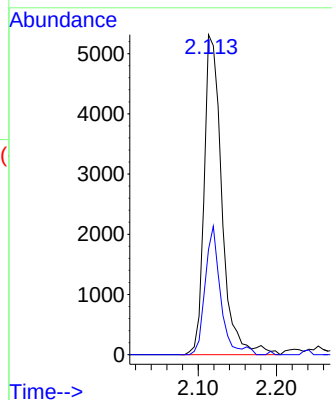
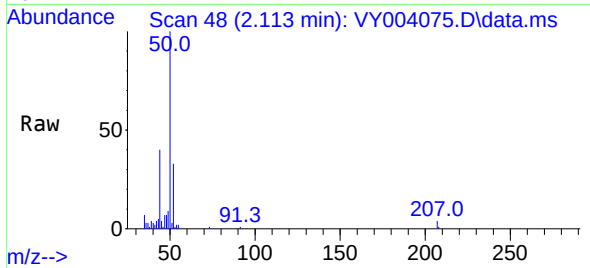
#3  
Chloromethane  
Concen: 3.29 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 50 Resp: 8332  
Ion Ratio Lower Upper  
50 100  
52 32.9 25.4 38.2

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

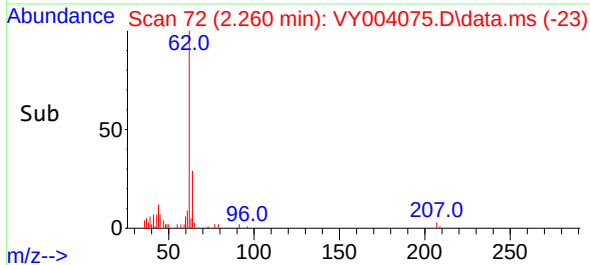
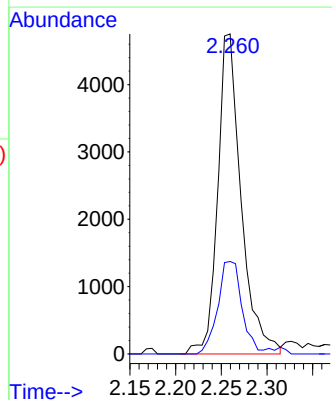
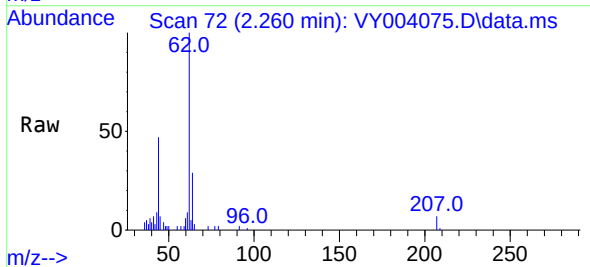
Manual Integrations  
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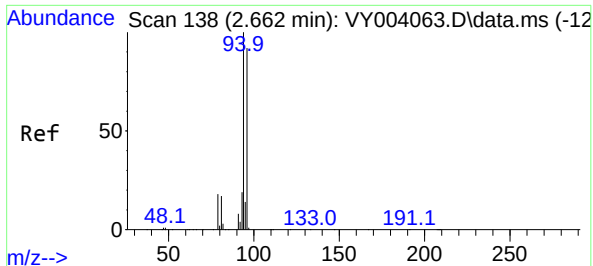
MMDadoda  
3/12/2021 2:02:04 PM



#4  
Vinyl Chloride  
Concen: 2.99 ug/l  
RT: 2.260 min Scan# 72  
Delta R.T. 0.001 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 62 Resp: 8474  
Ion Ratio Lower Upper  
62 100  
64 28.9 25.3 37.9





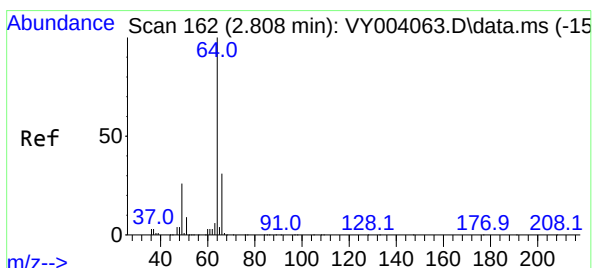
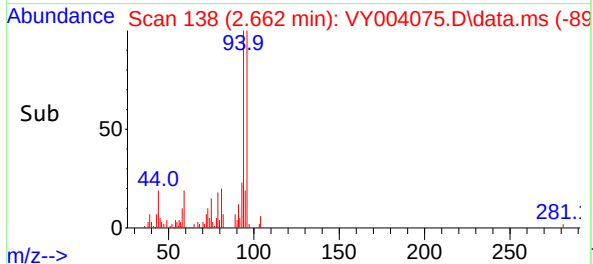
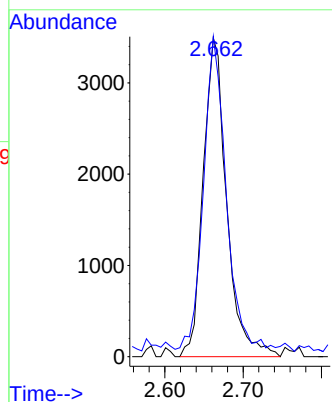
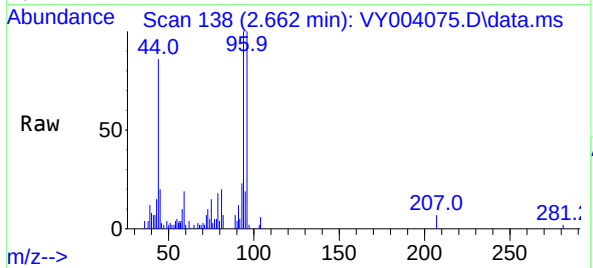
#5  
Bromomethane  
Concen: 4.02 ug/l  
RT: 2.662 min Scan# 138  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 94 Resp: 7266  
Ion Ratio Lower Upper  
94 100  
96 97.6 77.4 116.2

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

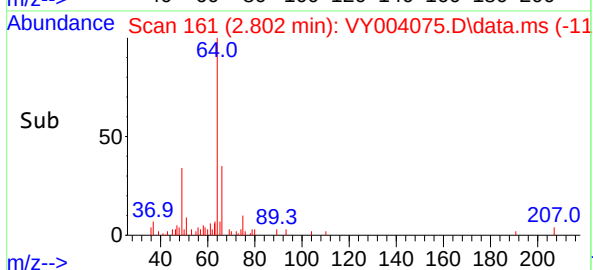
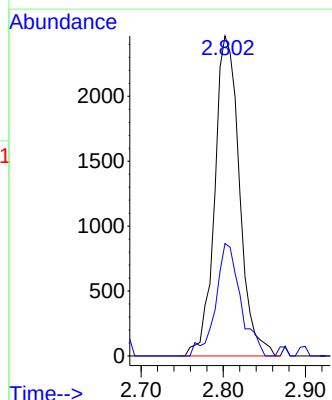
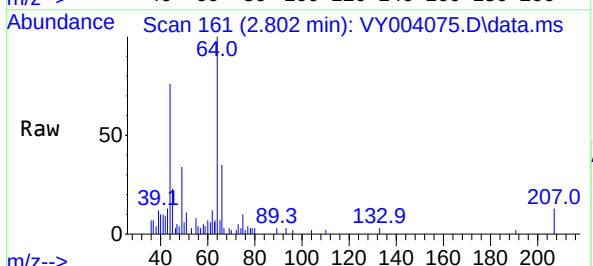
Manual Integrations  
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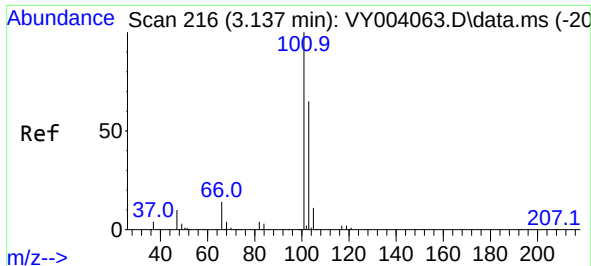
MMDadoda  
3/12/2021 2:02:04 PM



#6  
Chloroethane  
Concen: 3.00 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 64 Resp: 5163  
Ion Ratio Lower Upper  
64 100  
66 35.1 25.0 37.6





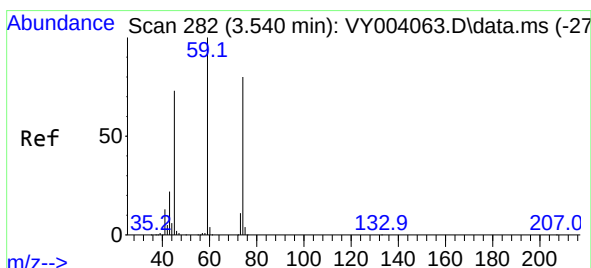
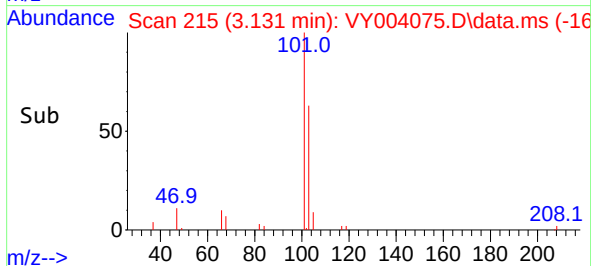
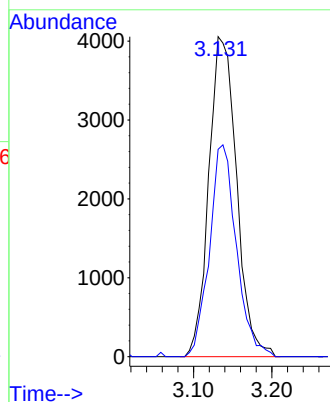
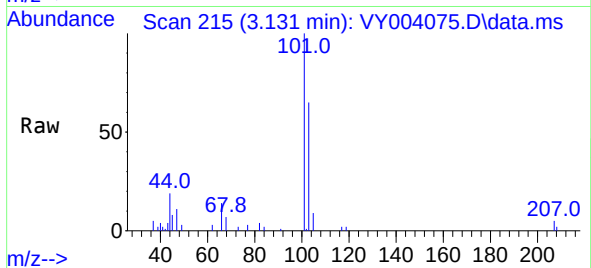
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Trichlorofluoromethane  
Concen: 2.66 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion:101 Resp: 9999  
Ion Ratio Lower Upper  
101 100  
103 64.8 52.2 78.2

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

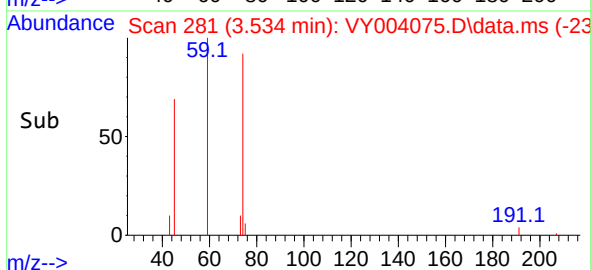
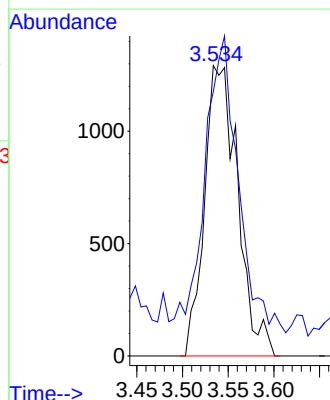
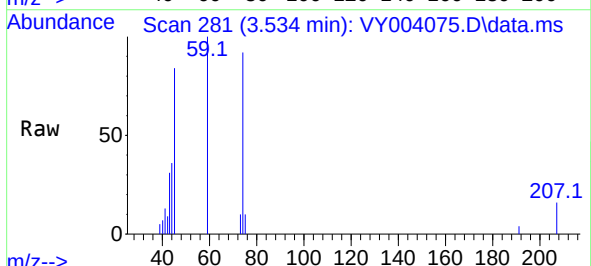
Manual Integrations  
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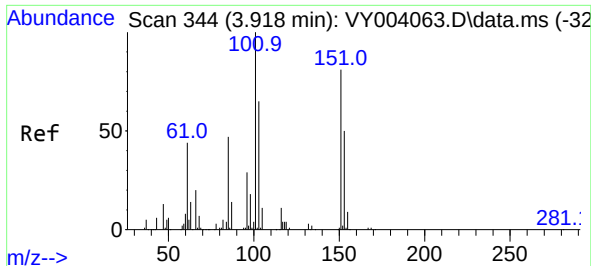


#8  
Diethyl Ether  
Concen: 2.71 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 74 Resp: 3271  
Ion Ratio Lower Upper  
74 100  
45 104.3 52.6 157.8







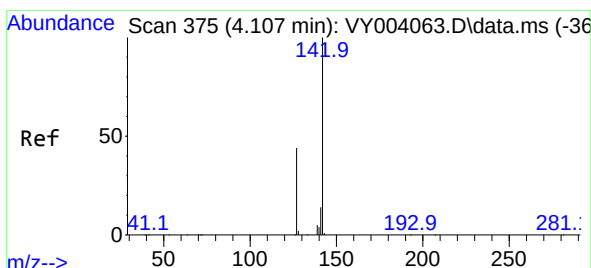
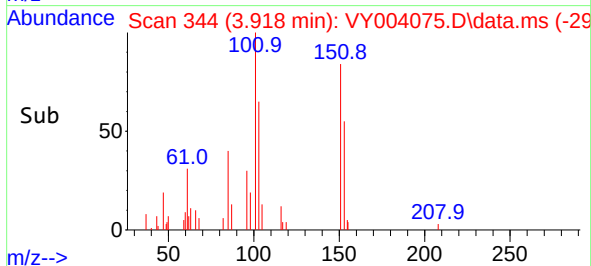
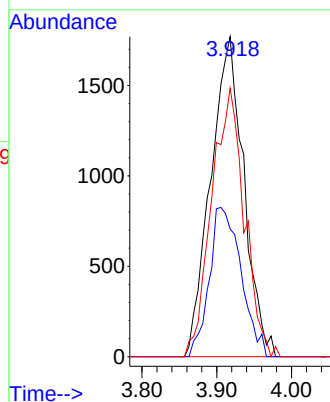
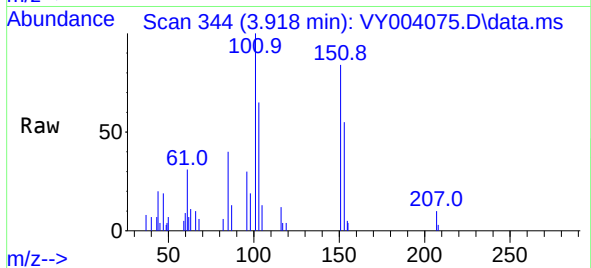
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 2.59 ug/l  
RT: 3.918 min Scan# 344  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion:101 Resp: 5450  
Ion Ratio Lower Upper  
101 100  
85 44.7 36.1 54.1  
151 82.6 66.9 100.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL04

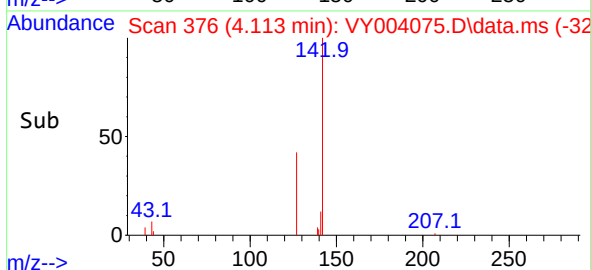
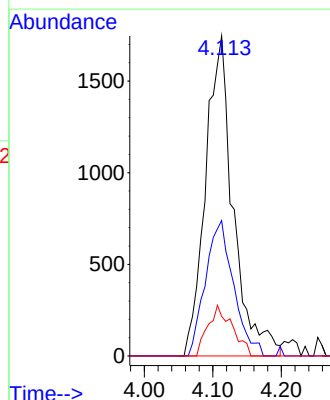
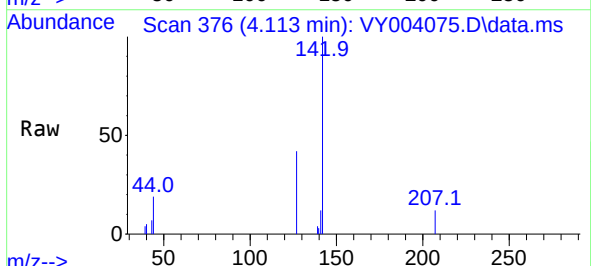
Manual Integrations  
APPROVED

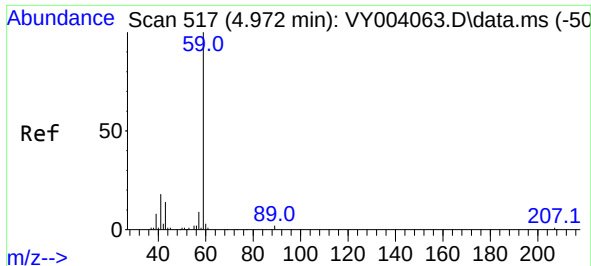
MMDadoda  
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#10  
Methyl Iodide  
Concen: 2.29 ug/l  
RT: 4.113 min Scan# 376  
Delta R.T. 0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

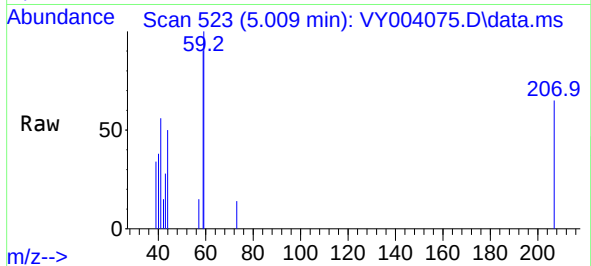
Tgt Ion:142 Resp: 4914  
Ion Ratio Lower Upper  
142 100  
127 42.9 35.4 53.0  
141 13.9 11.5 17.3





#11  
Tert butyl alcohol  
Concen: 15.81 ug/l m  
RT: 5.009 min Scan# 523  
Delta R.T. 0.037 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

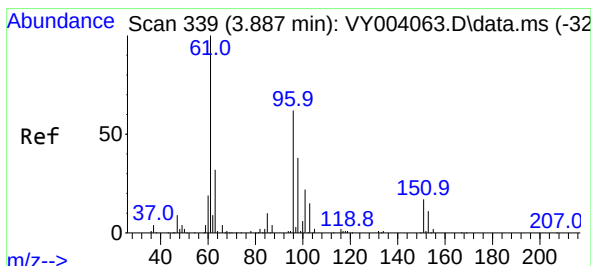
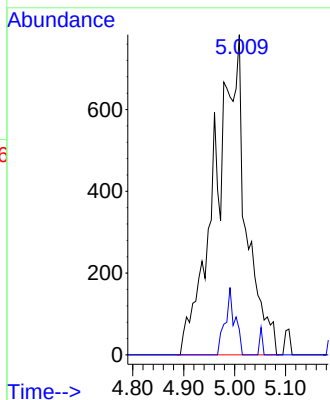
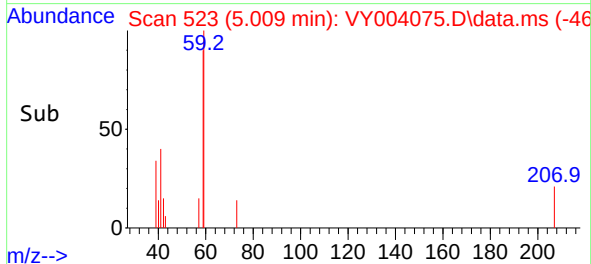
Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04



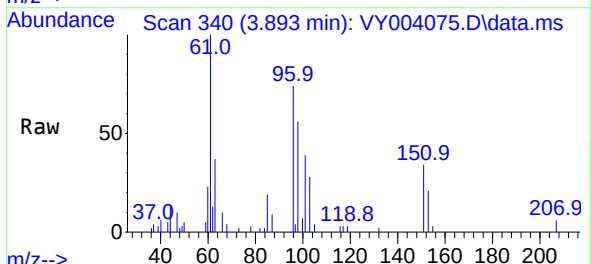
Tgt Ion: 59 Resp: 3303  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.9 10.3#

Manual Integrations  
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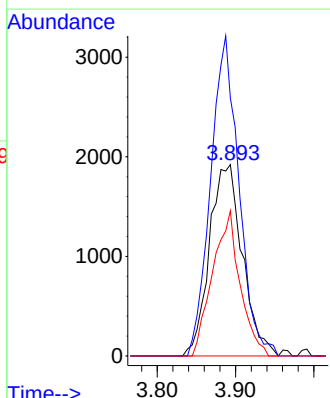
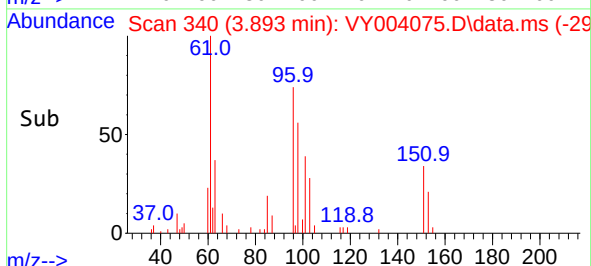
MMDadoda  
3/12/2021 2:02:04 PM

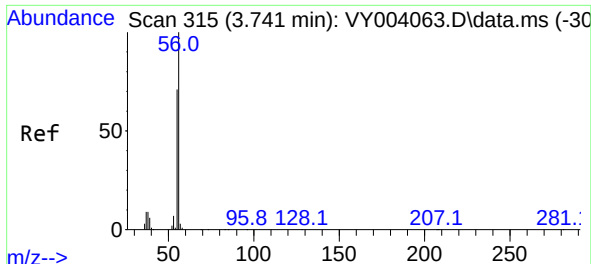


#12  
1,1-Dichloroethene  
Concen: 2.73 ug/l  
RT: 3.893 min Scan# 340  
Delta R.T. 0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



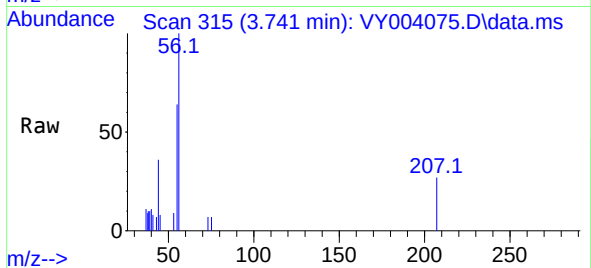
Tgt Ion: 96 Resp: 5611  
Ion Ratio Lower Upper  
96 100  
61 134.8 130.7 196.1  
98 75.8 48.9 73.3#



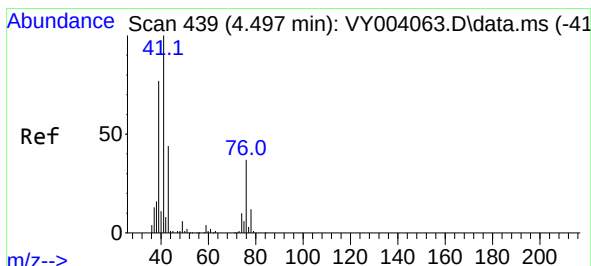
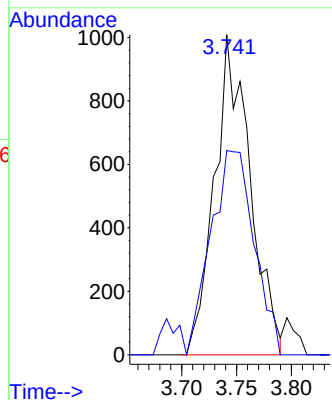
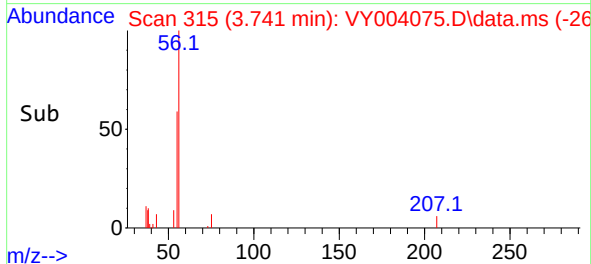


#13  
Acrolein  
Concen: 10.95 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

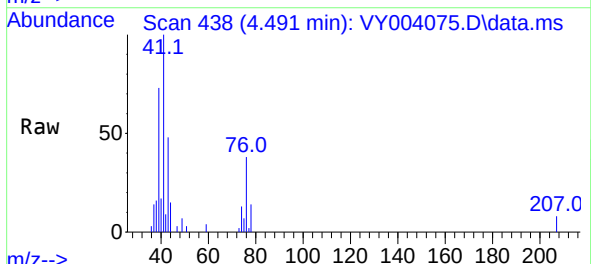
Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04



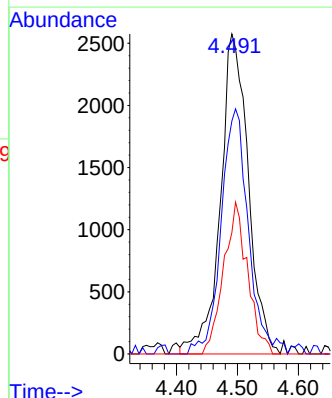
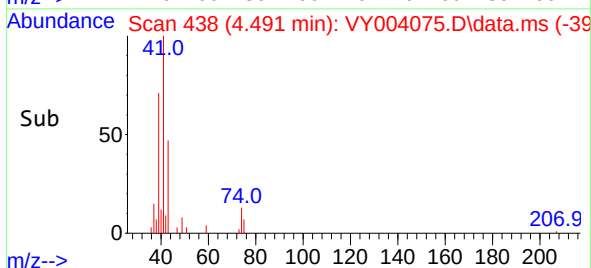
Tgt Ion: 56 Resp: 2269  
Ion Ratio Lower Upper  
56 100  
55 78.0 55.4 83.0

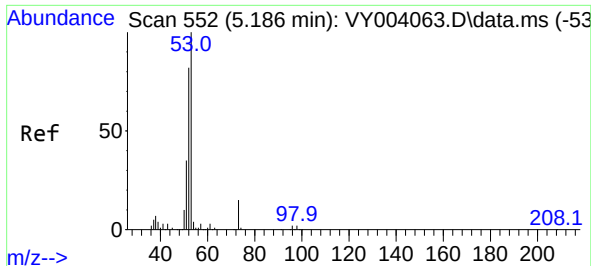


#14  
Allyl chloride  
Concen: 2.40 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



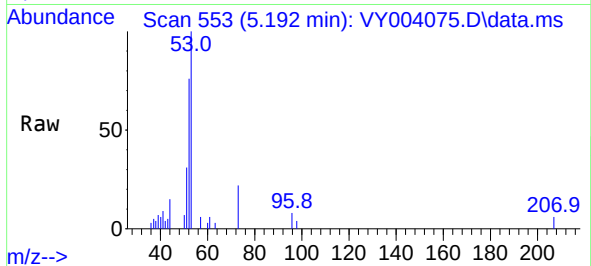
Tgt Ion: 41 Resp: 8182  
Ion Ratio Lower Upper  
41 100  
39 73.8 54.0 81.0  
76 40.9 26.1 39.1#





#15  
Acrylonitrile  
Concen: 12.70 ug/l  
RT: 5.192 min Scan# 553  
Delta R.T. 0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

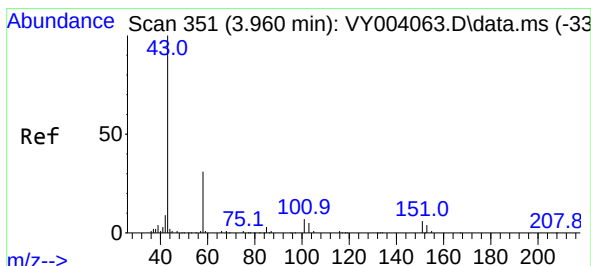
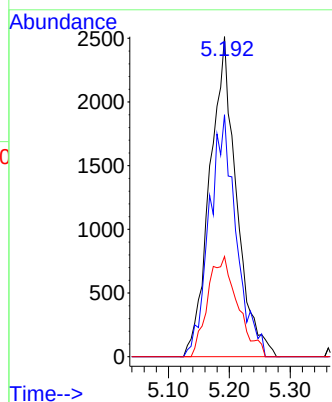
Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04



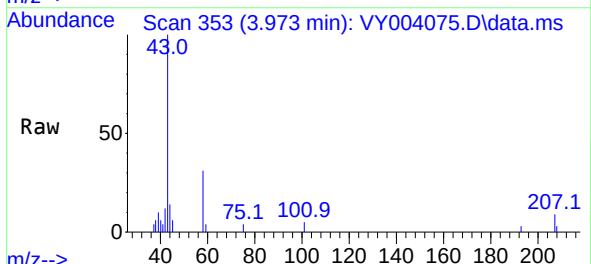
Tgt Ion: 53 Resp: 7611  
Ion Ratio Lower Upper  
53 100  
52 76.5 66.2 99.4  
51 35.4 29.5 44.3

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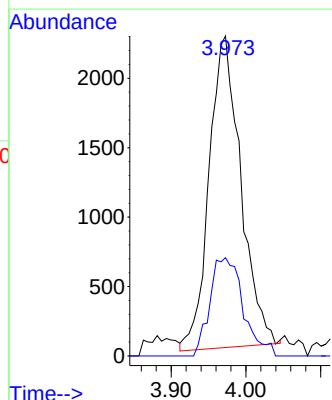
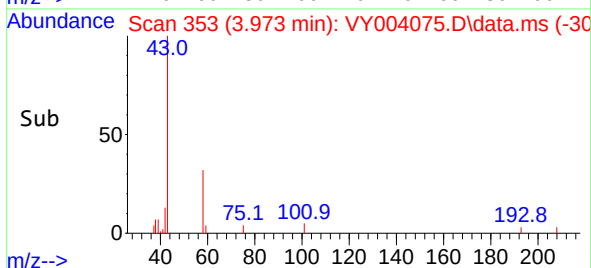
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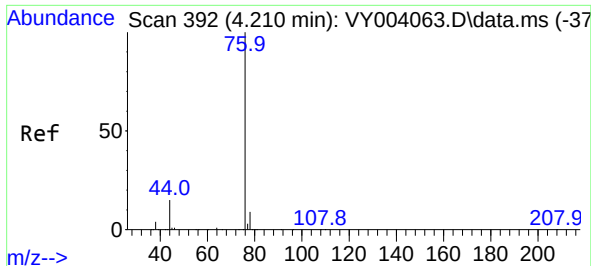


#16  
Acetone  
Concen: 11.89 ug/l  
RT: 3.973 min Scan# 353  
Delta R.T. 0.013 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



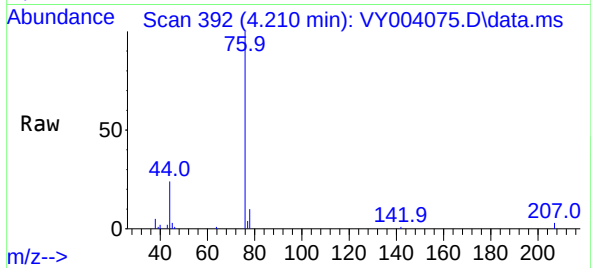
Tgt Ion: 43 Resp: 6630  
Ion Ratio Lower Upper  
43 100  
58 32.0 22.6 34.0





#17  
Carbon Disulfide  
Concen: 2.56 ug/l  
RT: 4.210 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

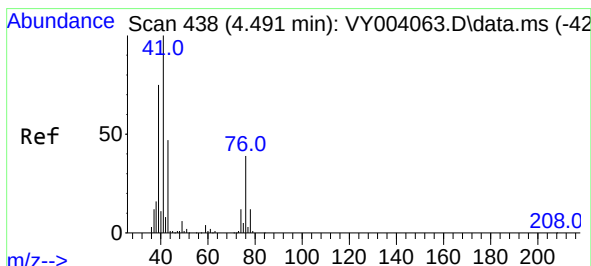
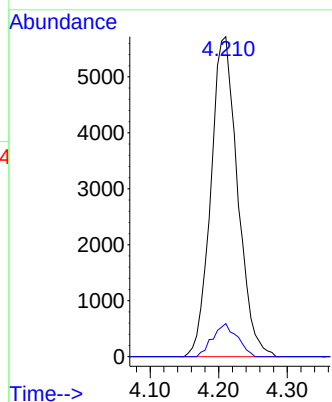
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL04



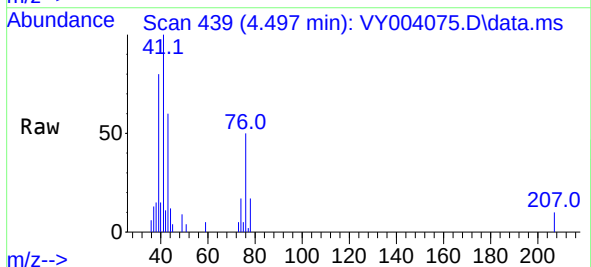
Tgt Ion: 76 Resp: 15505  
Ion Ratio Lower Upper  
76 100  
78 10.3 6.8 10.2#

Manual Integrations  
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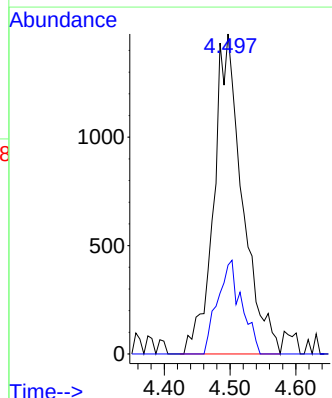
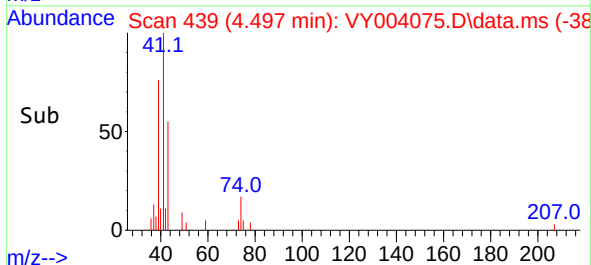
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3/12/2021 2:02:04 PM

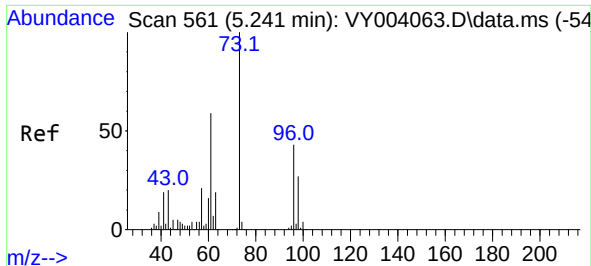


#18  
Methyl Acetate  
Concen: 3.25 ug/l  
RT: 4.497 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



Tgt Ion: 43 Resp: 4474  
Ion Ratio Lower Upper  
43 100  
74 24.5 17.6 26.4





#19

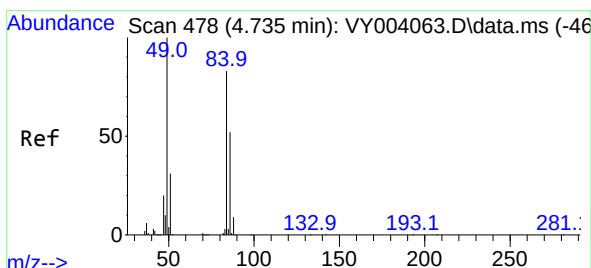
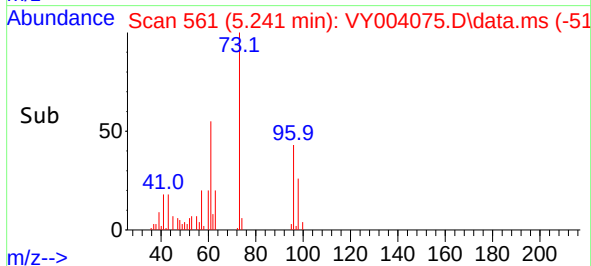
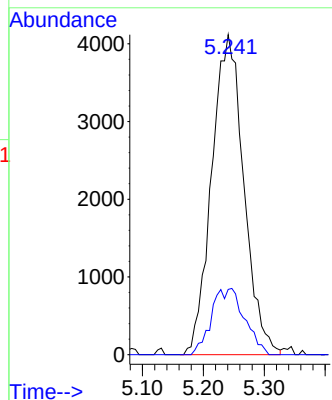
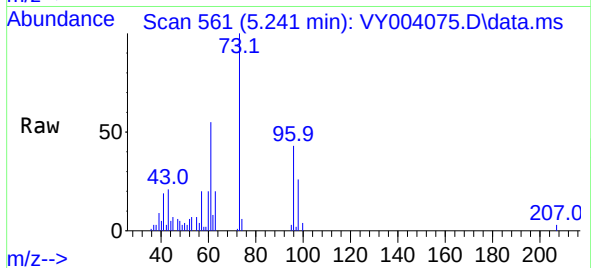
Methyl tert-butyl Ether  
Concen: 2.58 ug/l  
RT: 5.241 min Scan# 561  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 73 Resp: 15095  
Ion Ratio Lower Upper  
73 100  
57 20.4 17.5 26.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL04

Manual Integrations  
APPROVED

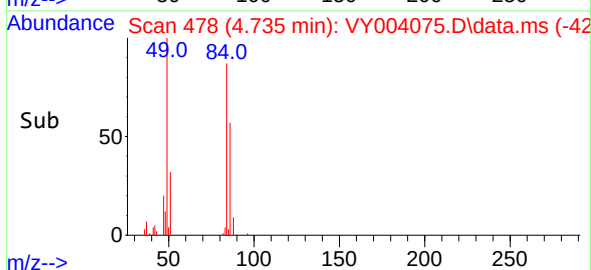
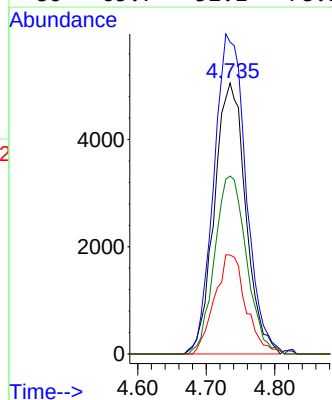
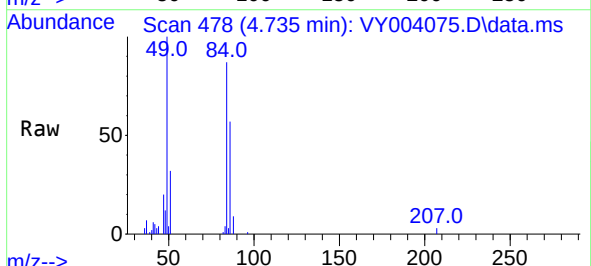
MMDadoda  
3/12/2021 2:02:04 PM

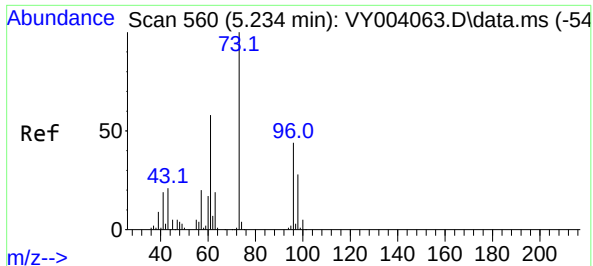


#20

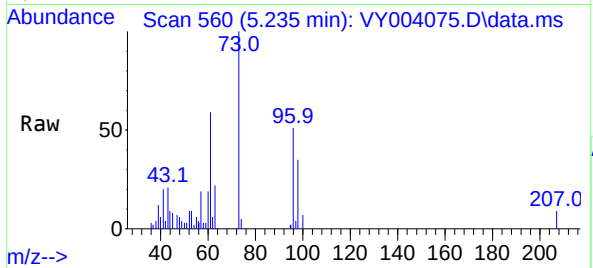
Methylene Chloride  
Concen: 5.95 ug/l  
RT: 4.735 min Scan# 478  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 84 Resp: 16035  
Ion Ratio Lower Upper  
84 100  
49 115.2 105.8 158.6  
51 36.5 32.6 48.8  
86 65.7 52.1 78.1

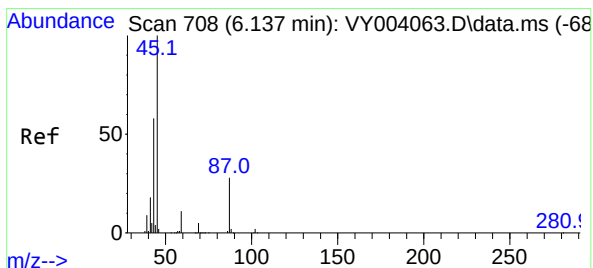
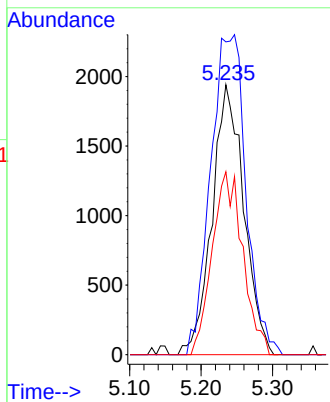
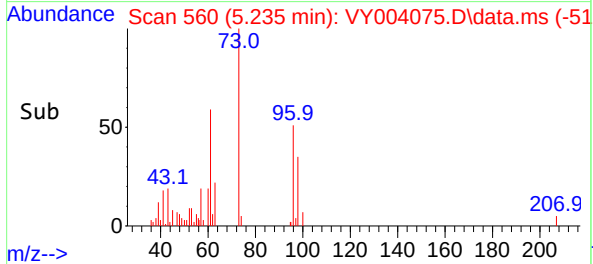




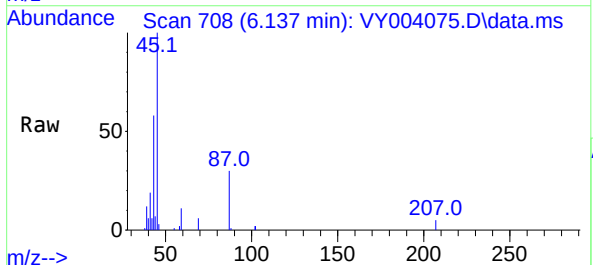
#21  
trans-1,2-Dichloroethene  
Concen: 2.59 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. 0.001 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



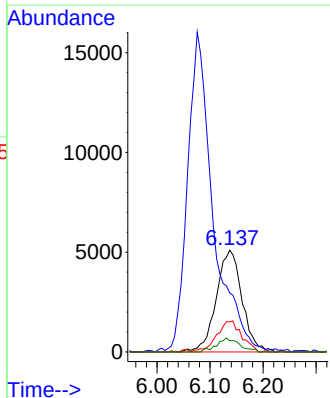
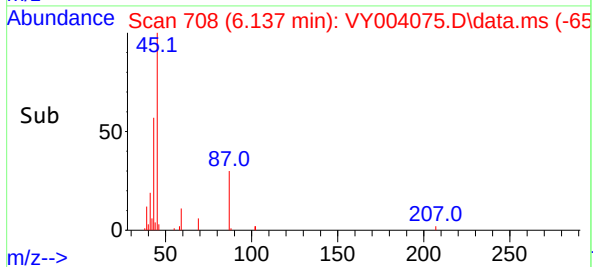
Tgt Ion: 96 Resp: 5981  
Ion Ratio Lower Upper  
96 100  
61 115.9 110.8 166.2  
98 67.7 51.0 76.6



#22  
Diisopropyl ether  
Concen: 2.39 ug/l  
RT: 6.137 min Scan# 708  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



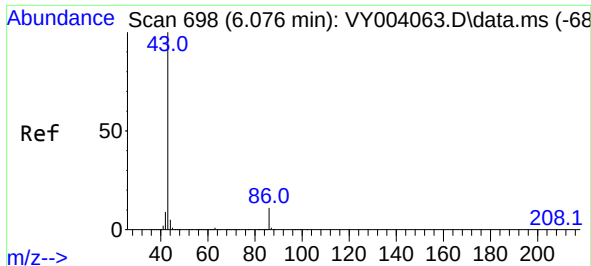
Tgt Ion: 45 Resp: 17198  
Ion Ratio Lower Upper  
45 100  
43 56.3 45.1 67.7  
87 29.6 21.0 31.4  
59 11.0 9.2 13.8



Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL04

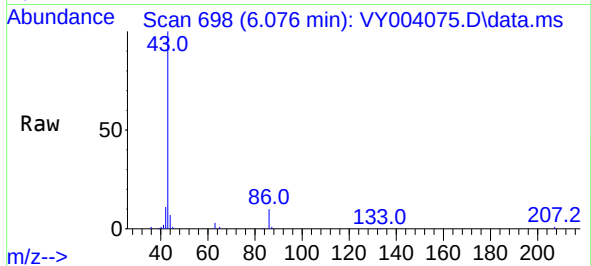
Manual Integrations  
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#23  
 Vinyl Acetate  
 Concen: 11.43 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. -0.000 min  
 Lab File: VY004075.D  
 Acq: 11 Mar 2021 14:30

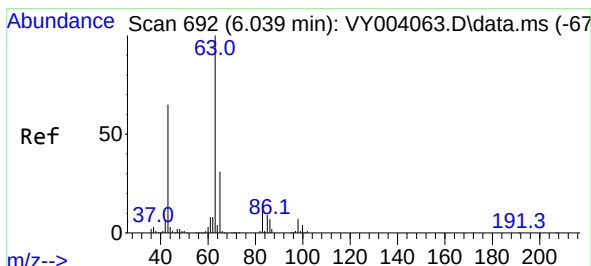
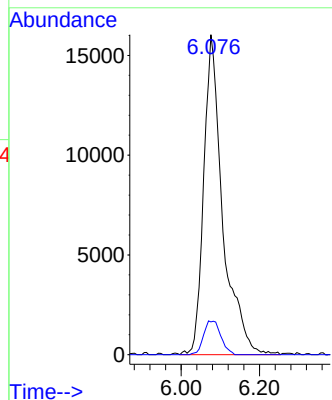
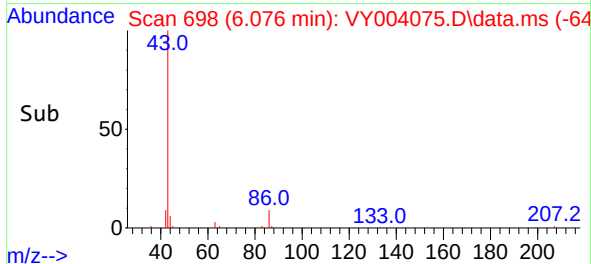
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 MDL04



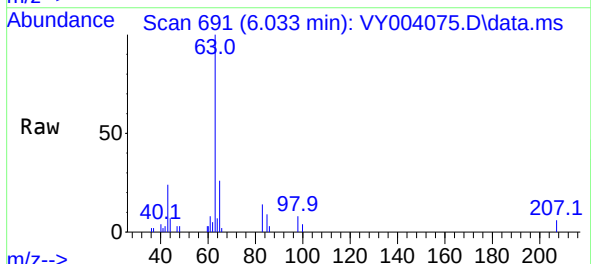
Tgt Ion: 43 Resp: 54053  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 7.8 11.6

Manual Integrations  
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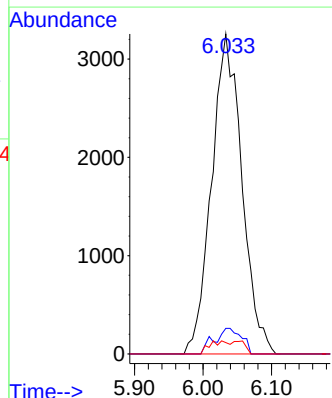
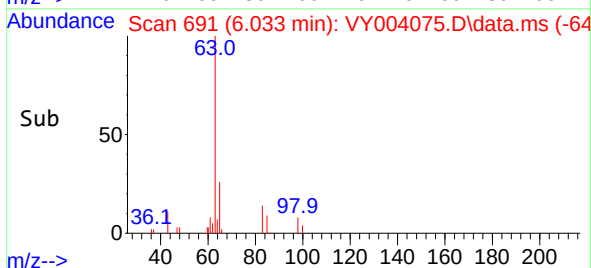
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 3/12/2021 2:02:04 PM



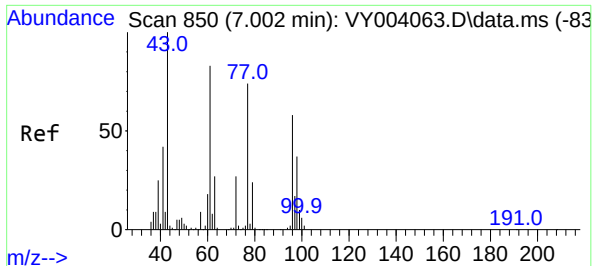
#24  
 1,1-Dichloroethane  
 Concen: 2.50 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. -0.006 min  
 Lab File: VY004075.D  
 Acq: 11 Mar 2021 14:30



Tgt Ion: 63 Resp: 9988  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.5 10.4  
 100 3.6 2.3 6.9







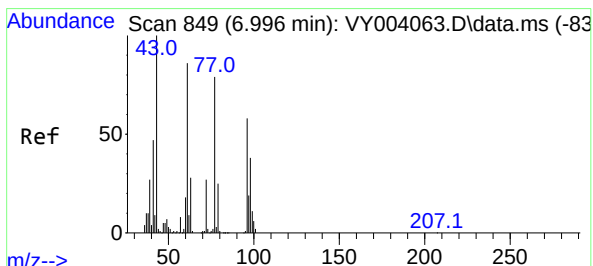
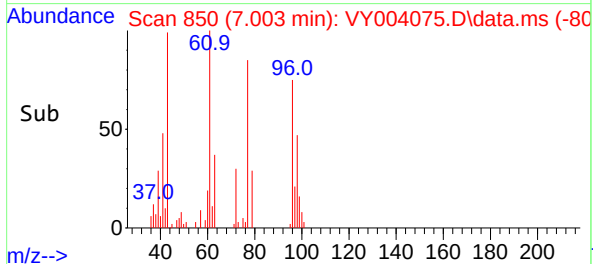
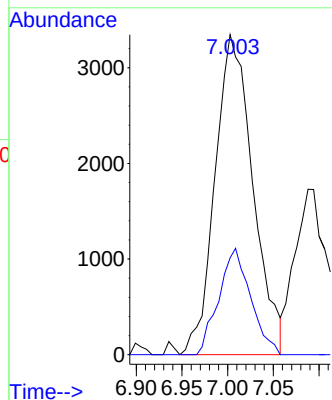
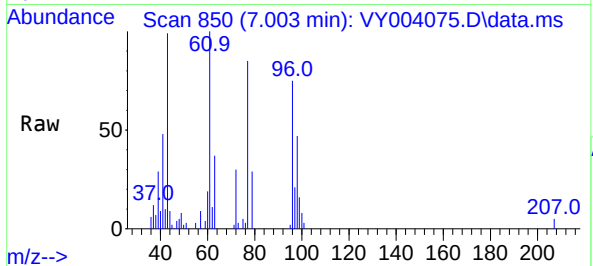
#25  
2-Butanone  
Concen: 12.01 ug/l  
RT: 7.003 min Scan# 850  
Delta R.T. 0.001 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 43 Resp: 9658  
Ion Ratio Lower Upper  
43 100  
72 30.3 19.4 29.0#

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

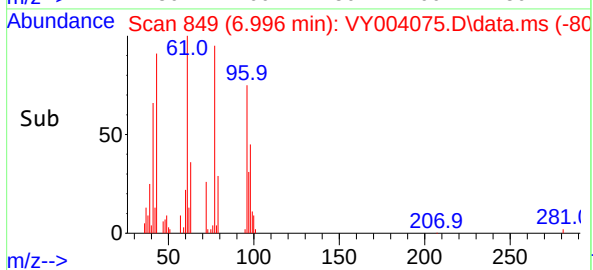
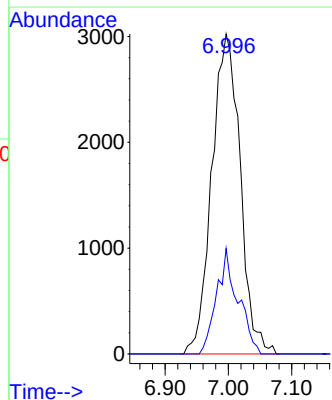
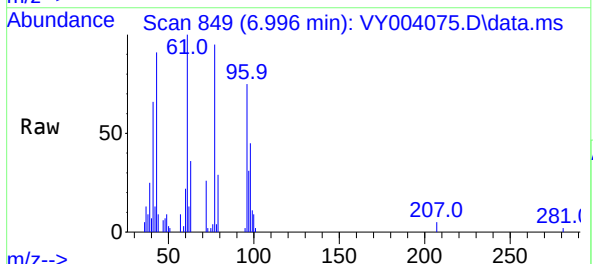
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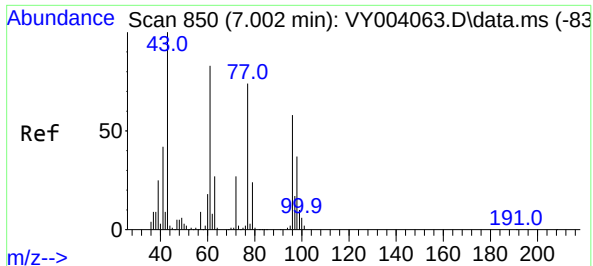
MMDadoda  
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#26  
2,2-Dichloropropane  
Concen: 2.47 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 77 Resp: 9398  
Ion Ratio Lower Upper  
77 100  
97 24.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 2.61 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.001 min

Lab File: VY004075.D

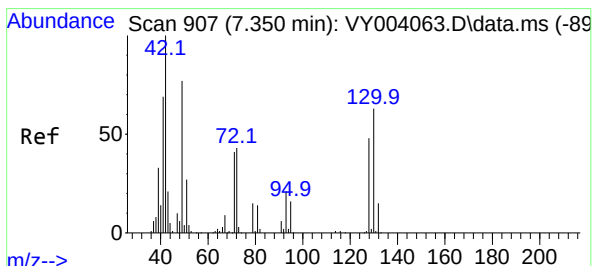
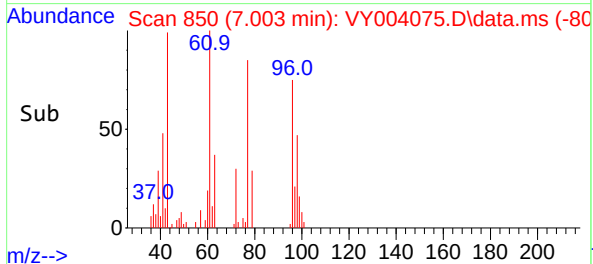
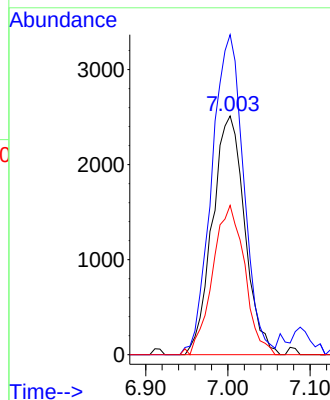
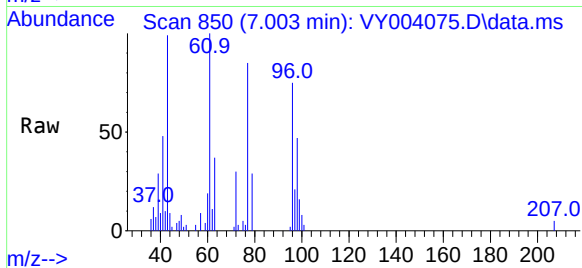
Acq: 11 Mar 2021 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 6867  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 132.6 | 0.0   | 303.6 |
| 98       | 62.0  | 0.0   | 130.6 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL04

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#28

Bromochloromethane

Concen: 2.28 ug/l

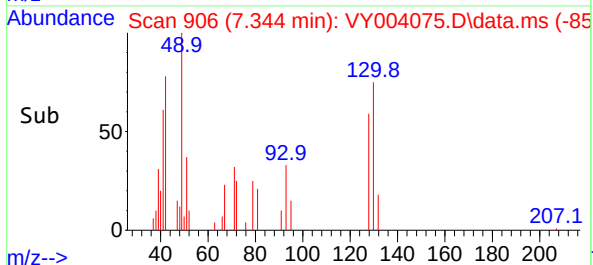
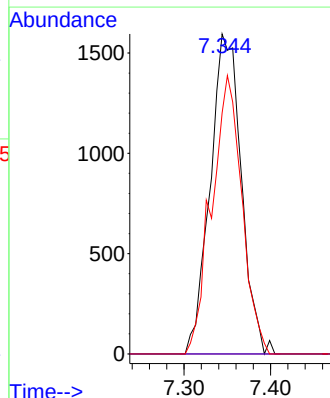
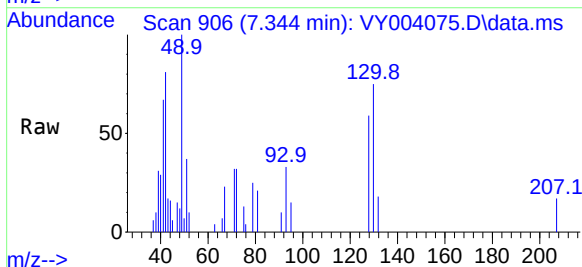
RT: 7.344 min Scan# 906

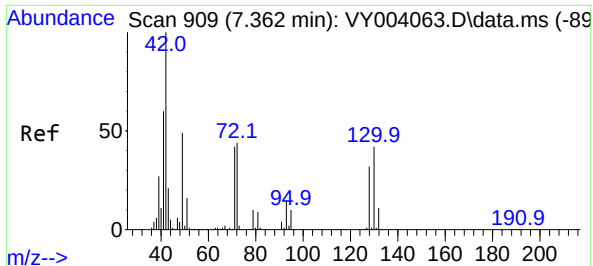
Delta R.T. -0.006 min

Lab File: VY004075.D

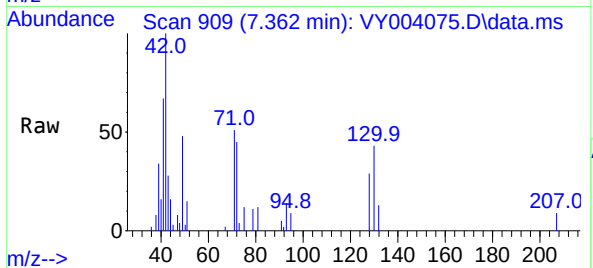
Acq: 11 Mar 2021 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 3974  |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.0   | 0.0   | 4.4   |
| 130      | 84.7  | 59.0  | 88.4  |

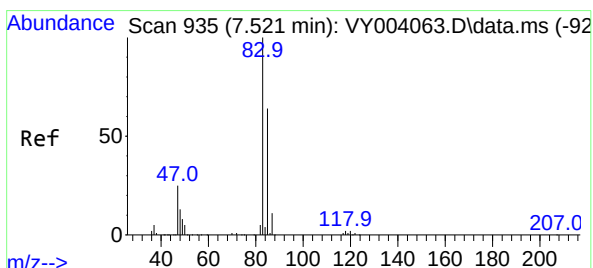
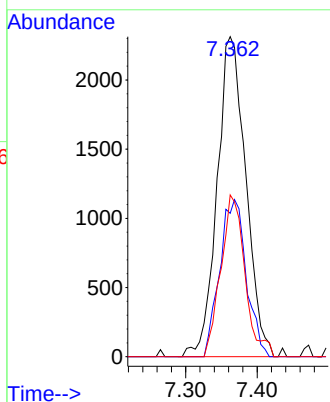
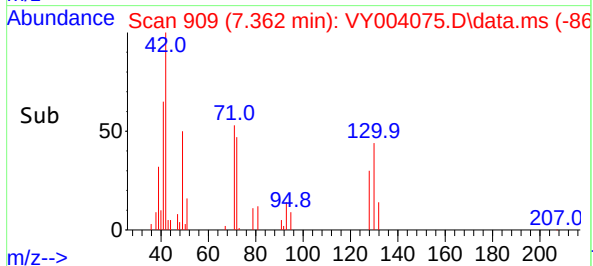




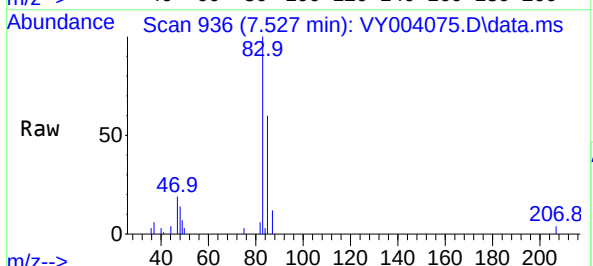
#29  
Tetrahydrofuran  
Concen: 12.35 ug/l  
RT: 7.362 min Scan# 909  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



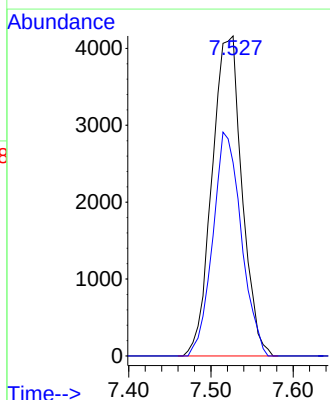
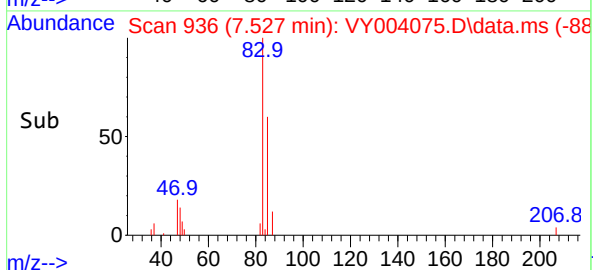
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 6449  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 45.4  | 32.6  | 48.8  |
| 71       | 42.5  | 31.0  | 46.6  |



#30  
Chloroform  
Concen: 2.55 ug/l  
RT: 7.527 min Scan# 936  
Delta R.T. 0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



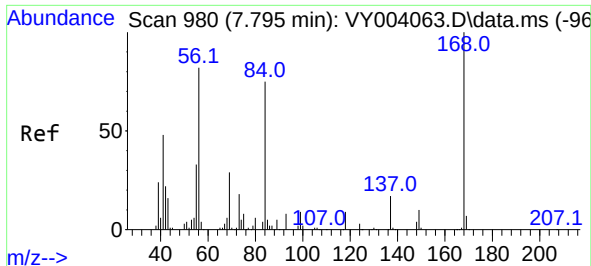
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 10542 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 60.4  | 51.0  | 76.6  |



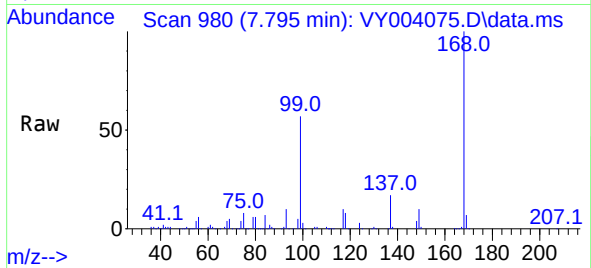
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL04

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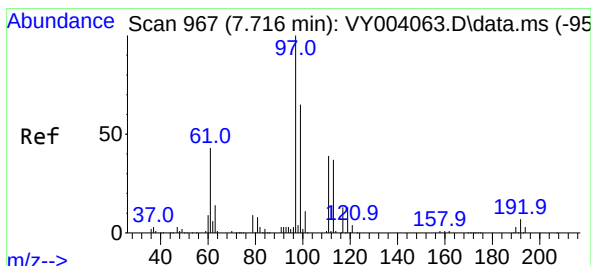
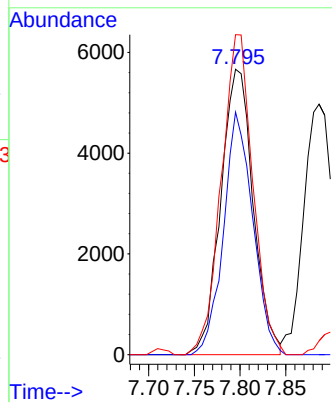
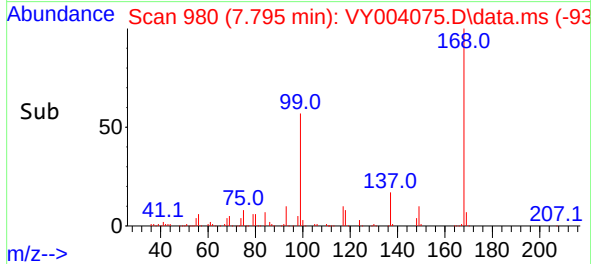
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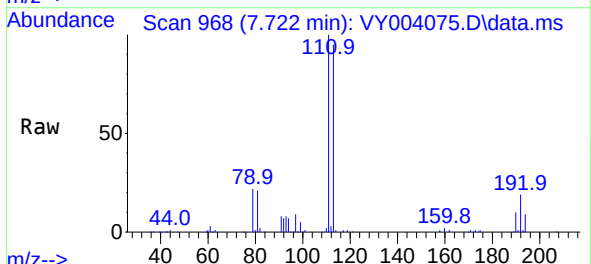
#31  
Cyclohexane  
Concen: 3.45 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



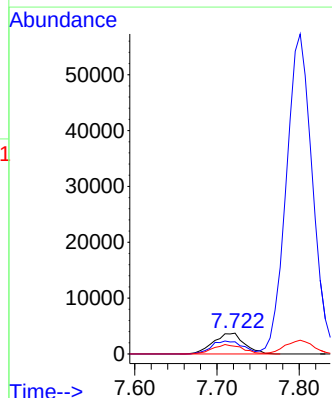
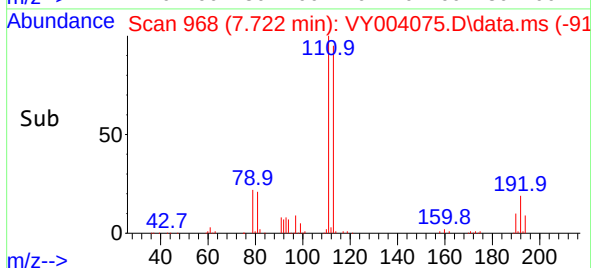
Tgt Ion: 56 Resp: 13984  
Ion Ratio Lower Upper  
56 100  
69 85.0 25.3 37.9#  
84 112.1 67.3 100.9#



#32  
1,1,1-Trichloroethane  
Concen: 2.52 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. 0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



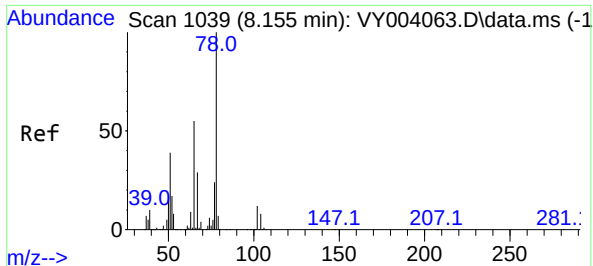
Tgt Ion: 97 Resp: 9650  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.8 77.6  
61 43.9 34.5 51.7



Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

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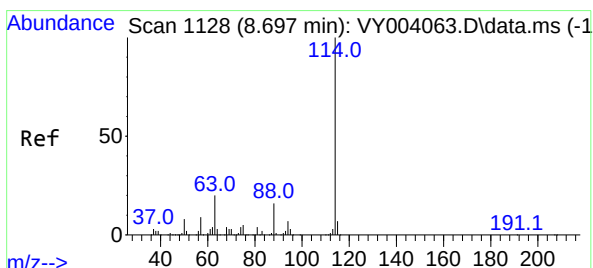
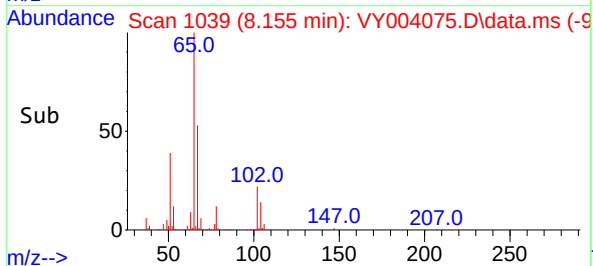
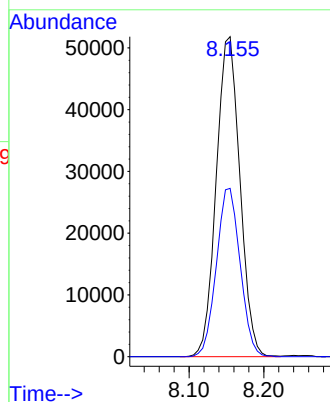
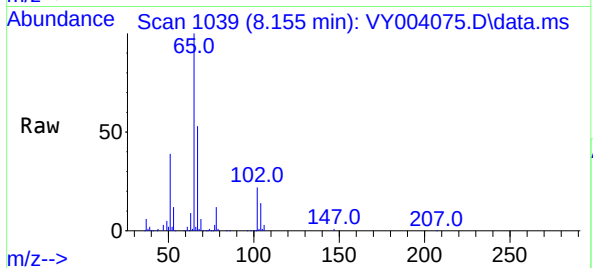
#33  
1,2-Dichloroethane-d4  
Concen: 49.41 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 65 Resp: 114163  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 101.4

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

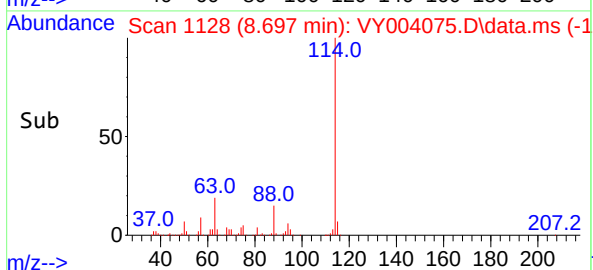
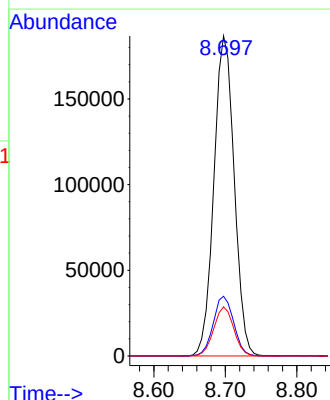
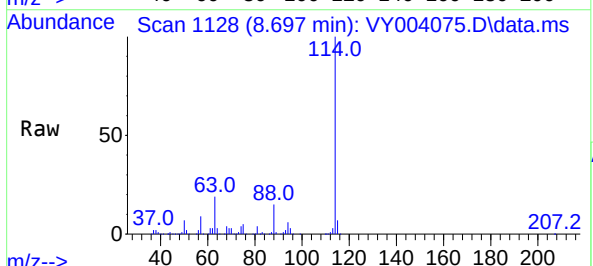
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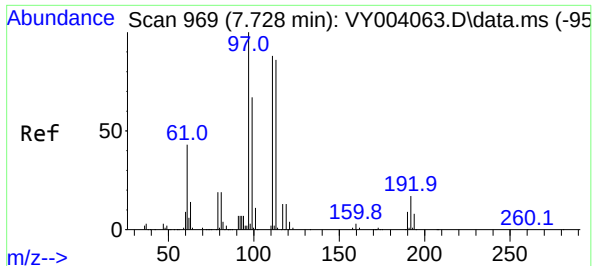
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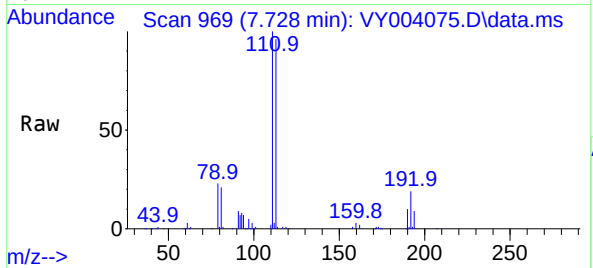
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion:114 Resp: 368016  
Ion Ratio Lower Upper  
114 100  
63 18.7 0.0 41.6  
88 15.3 0.0 31.4

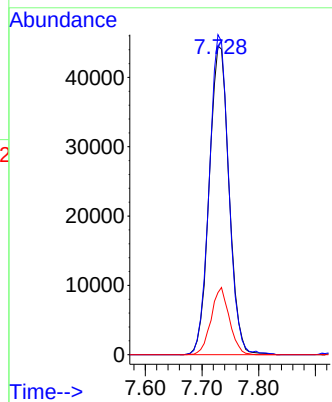
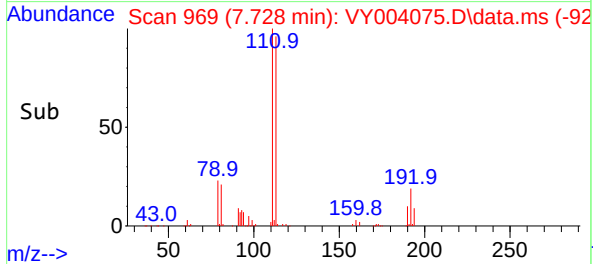




#35  
Dibromofluoromethane  
Concen: 51.97 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



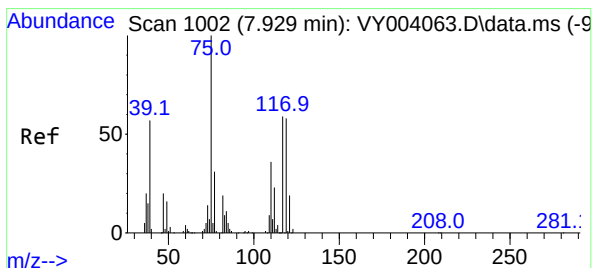
Tgt Ion:113 Resp: 107859  
Ion Ratio Lower Upper  
113 100  
111 102.0 83.2 124.8  
192 20.1 18.5 27.7



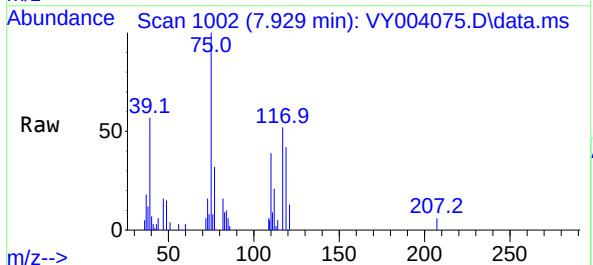
Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

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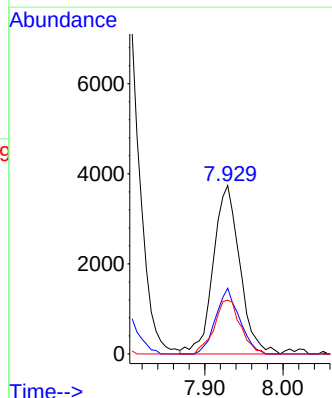
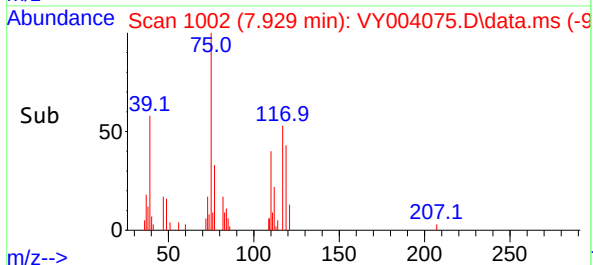
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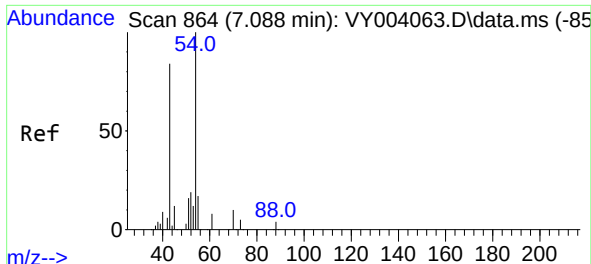


#36  
1,1-Dichloropropene  
Concen: 2.73 ug/l  
RT: 7.929 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

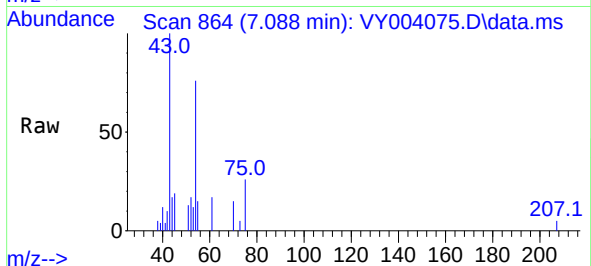


Tgt Ion: 75 Resp: 8838  
Ion Ratio Lower Upper  
75 100  
110 34.8 17.4 52.3  
77 31.5 24.5 36.7

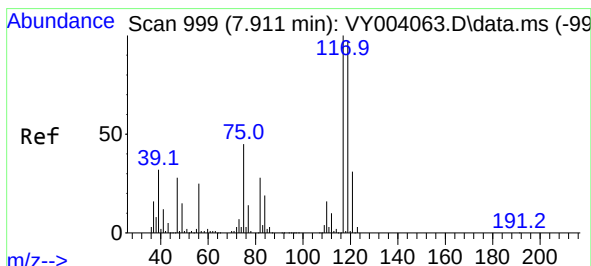
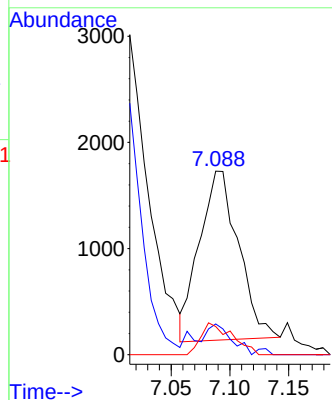
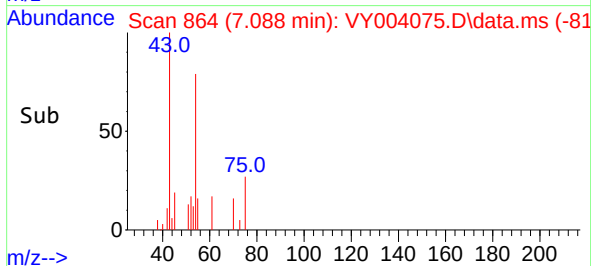




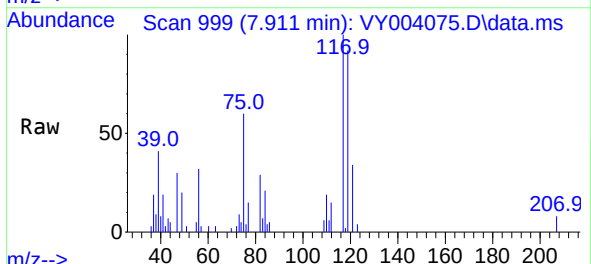
#37  
Ethyl Acetate  
Concen: 2.12 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



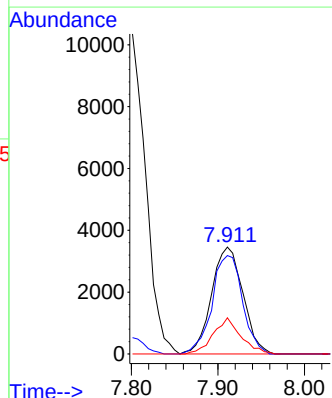
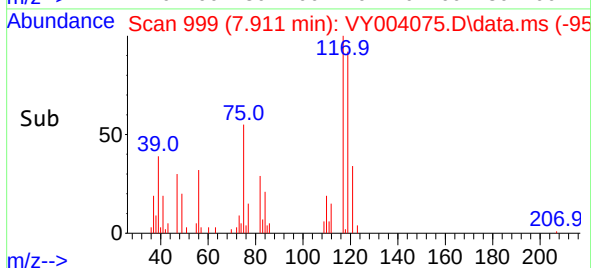
Tgt Ion: 43 Resp: 3692  
Ion Ratio Lower Upper  
43 100  
61 16.9 10.7 16.1#  
70 15.0 7.7 11.5#



#38  
Carbon Tetrachloride  
Concen: 2.53 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



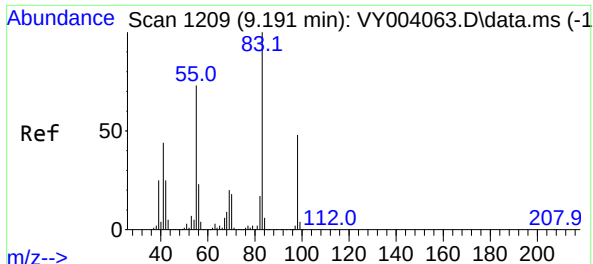
Tgt Ion: 117 Resp: 8690  
Ion Ratio Lower Upper  
117 100  
119 92.1 75.4 113.0  
121 33.9 24.2 36.2



Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

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#39

Methylcyclohexane

Concen: 2.54 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VY004075.D

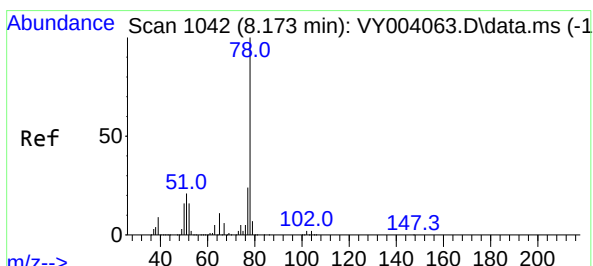
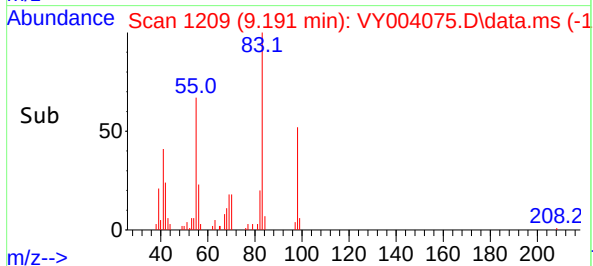
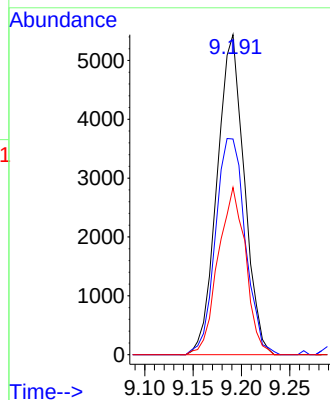
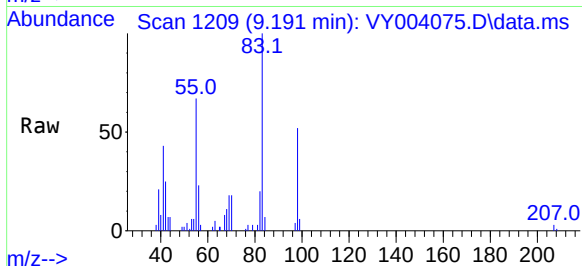
Acq: 11 Mar 2021 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 10621 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 67.4  | 65.6  | 98.4  |
| 98       | 52.3  | 39.5  | 59.3  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL04

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#40

Benzene

Concen: 2.55 ug/l

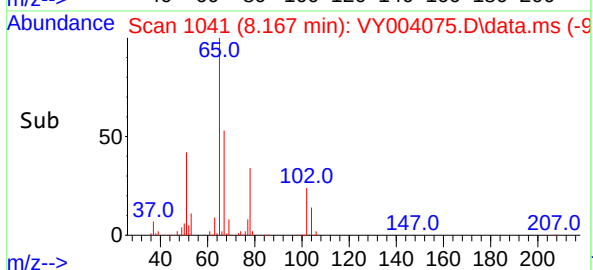
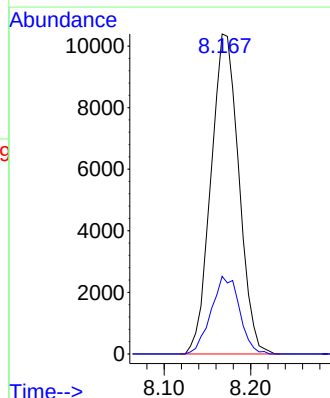
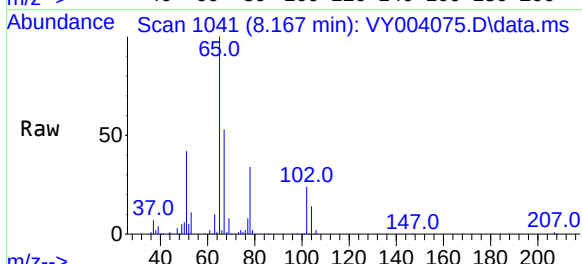
RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

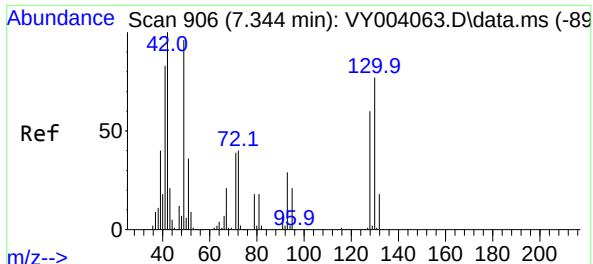
Lab File: VY004075.D

Acq: 11 Mar 2021 14:30

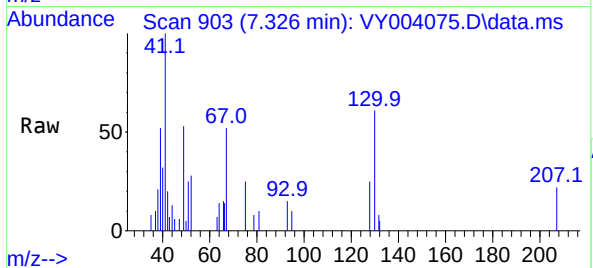
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 23240 |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 24.2  | 20.1  | 30.1  |



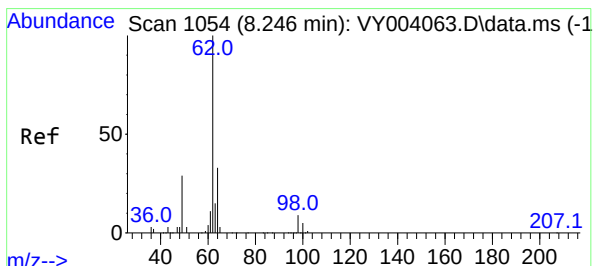
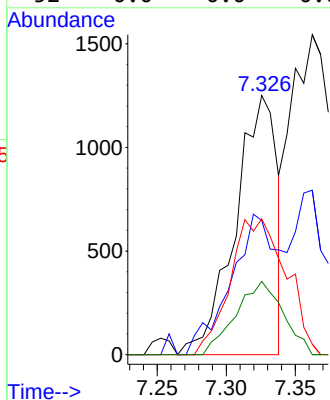
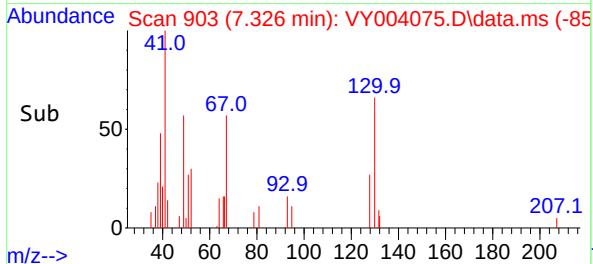




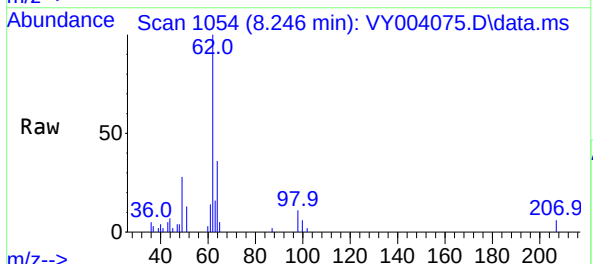
#41  
Methacrylonitrile  
Concen: 2.44 ug/l m  
RT: 7.326 min Scan# 903  
Delta R.T. -0.018 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



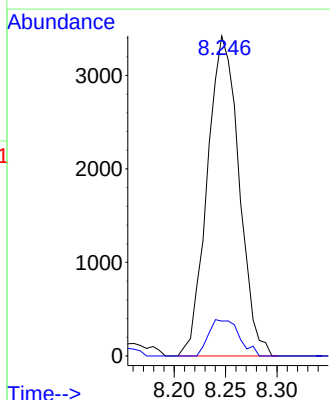
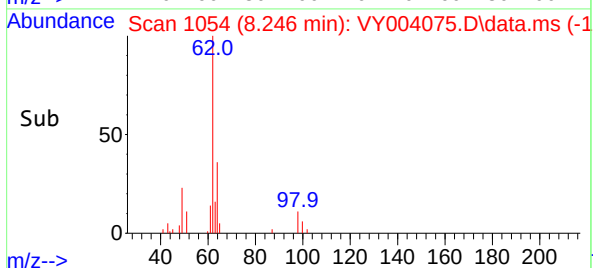
Tgt Ion: 41 Resp: 2635  
Ion Ratio Lower Upper  
41 100  
39 65.2 91.2 136.8#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 2.64 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



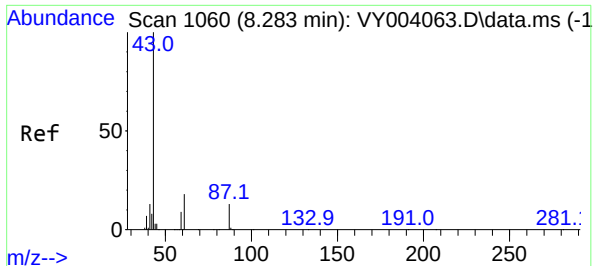
Tgt Ion: 62 Resp: 7359  
Ion Ratio Lower Upper  
62 100  
98 10.8 0.0 17.0



Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL04

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#43

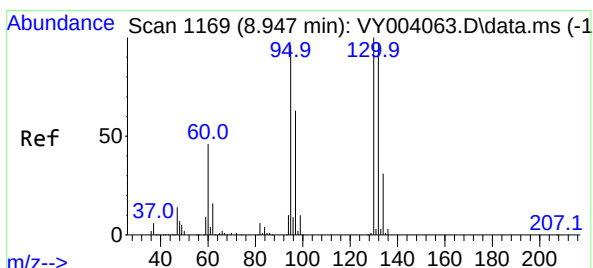
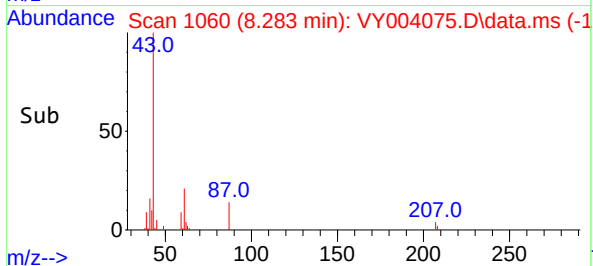
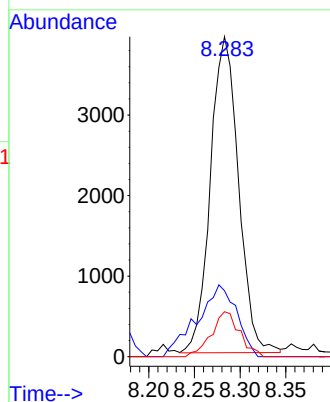
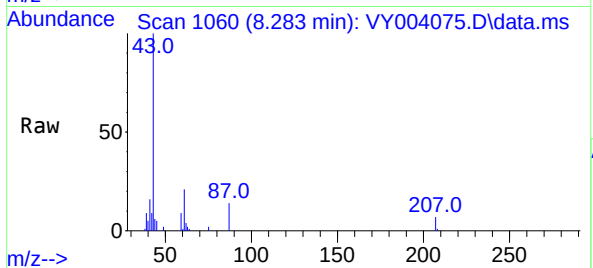
Isopropyl Acetate  
Concen: 2.40 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 8395  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 31.9  | 22.1  | 33.1  |
| 87       | 14.3  | 9.8   | 14.8  |

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

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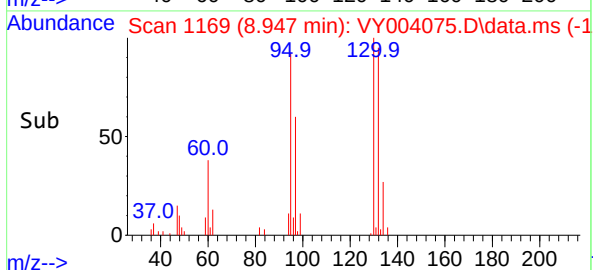
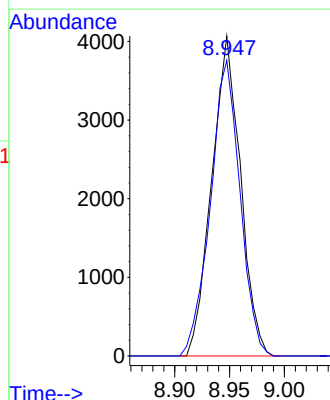
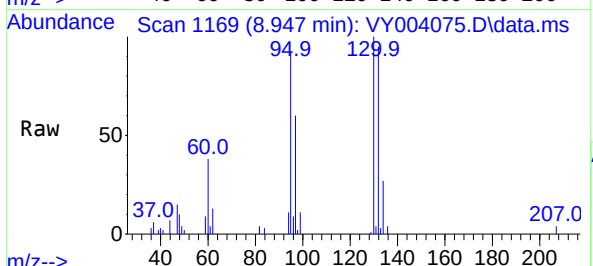
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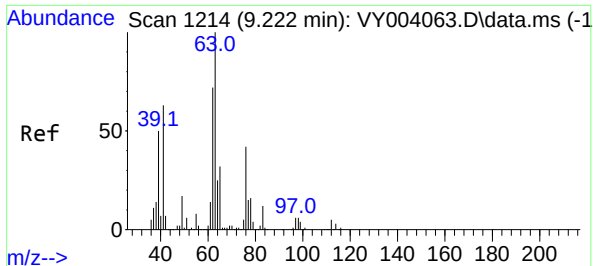


#44

Trichloroethene  
Concen: 2.82 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 7429  |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 92.3  | 0.0   | 188.0 |





#45

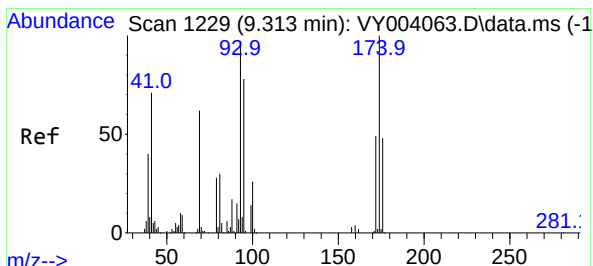
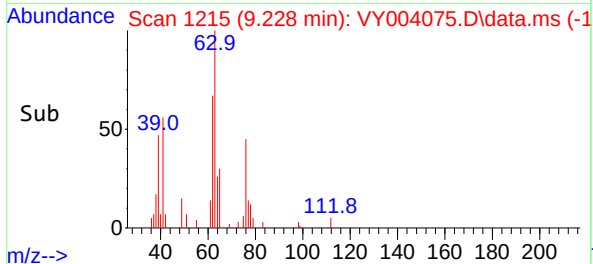
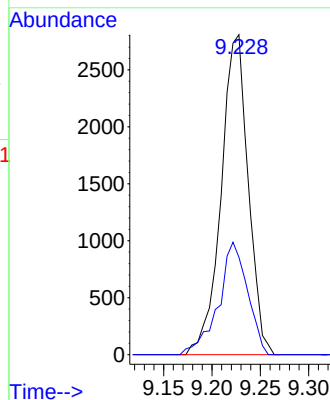
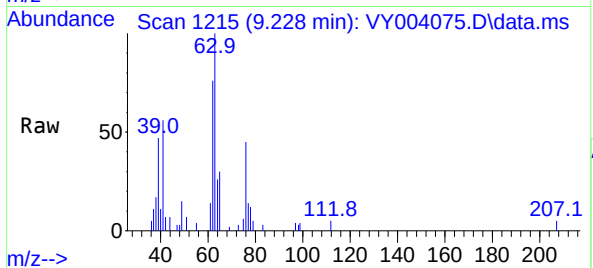
1,2-Dichloropropane  
Concen: 2.41 ug/l  
RT: 9.228 min Scan# 1215  
Delta R.T. 0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 63 Resp: 5480  
Ion Ratio Lower Upper  
63 100  
65 30.5 24.4 36.6

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

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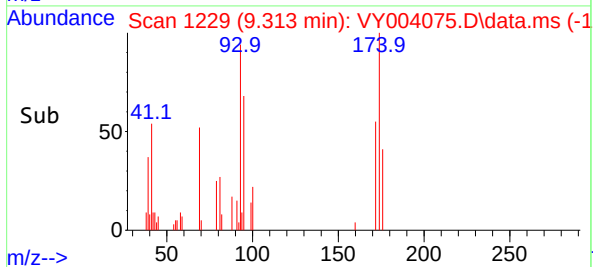
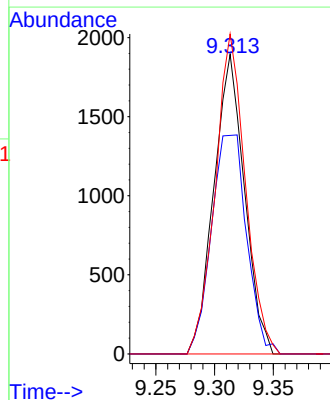
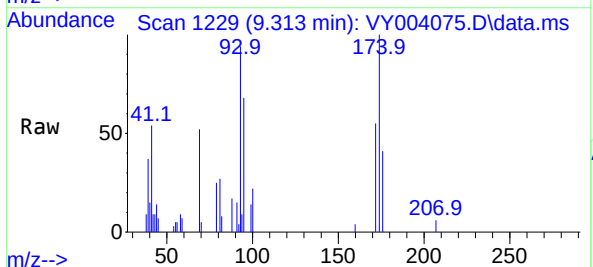
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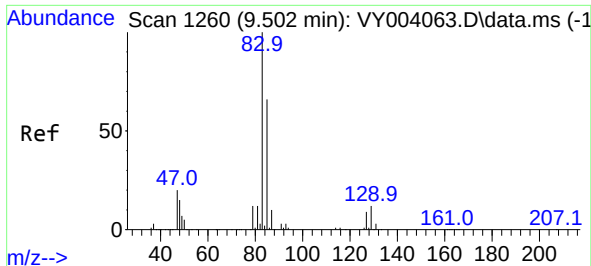


#46

Dibromomethane  
Concen: 2.64 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

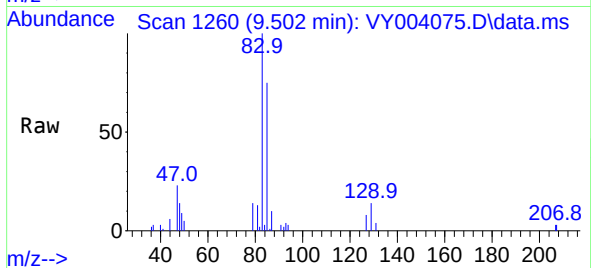
Tgt Ion: 93 Resp: 3426  
Ion Ratio Lower Upper  
93 100  
95 84.4 66.3 99.5  
174 105.5 88.1 132.1





#47  
Bromodichloromethane  
Concen: 2.46 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

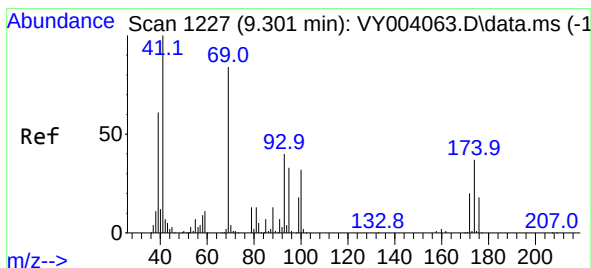
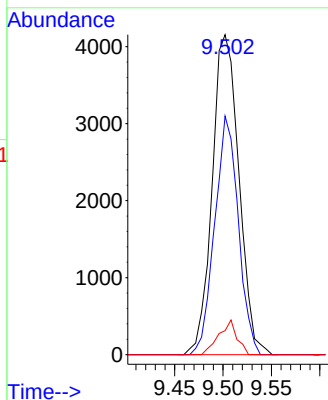
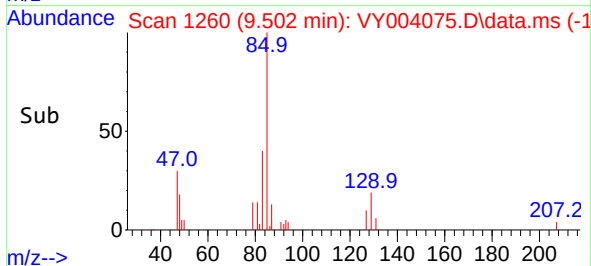
Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04



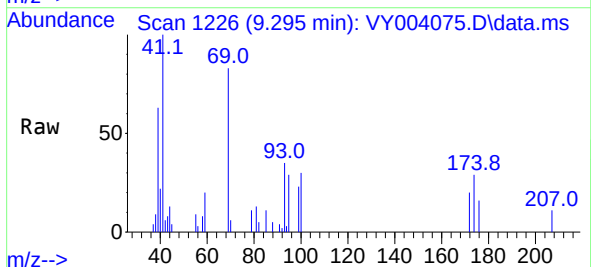
Tgt Ion: 83 Resp: 7986  
Ion Ratio Lower Upper  
83 100  
85 74.5 51.6 77.4  
127 7.5 6.5 9.7

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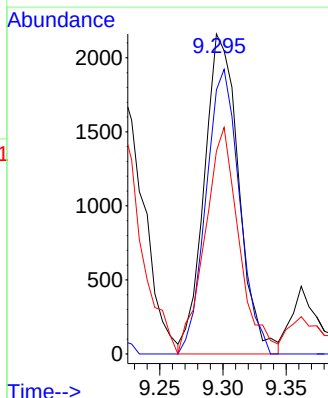
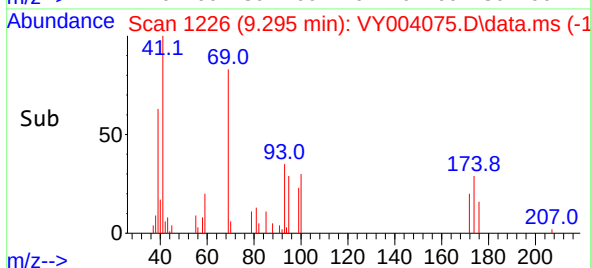
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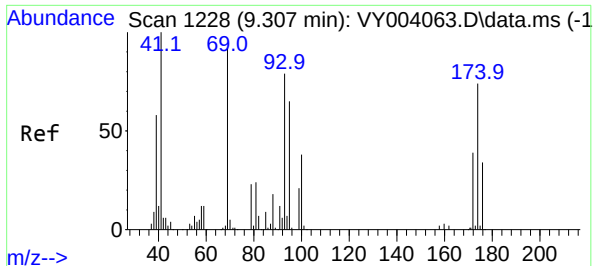


#48  
Methyl methacrylate  
Concen: 2.47 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

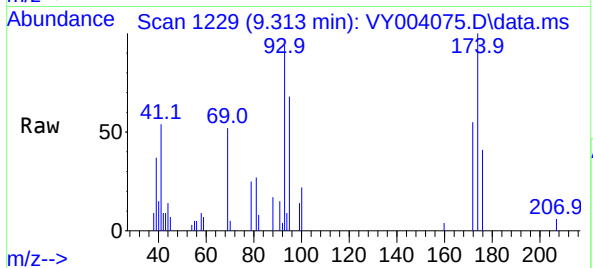


Tgt Ion: 41 Resp: 4096  
Ion Ratio Lower Upper  
41 100  
69 86.4 65.1 97.7  
39 69.6 44.2 66.2#

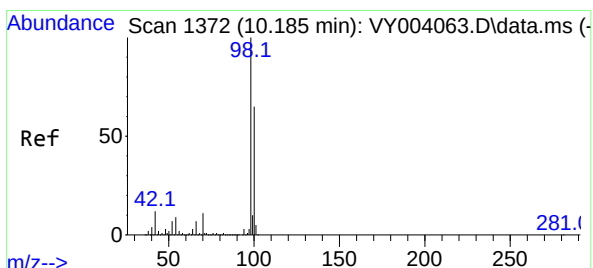
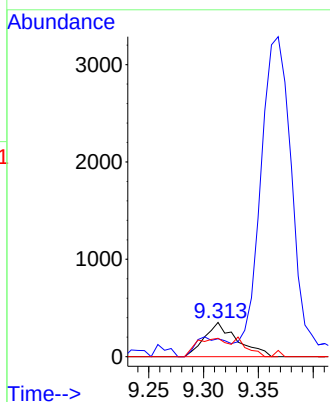
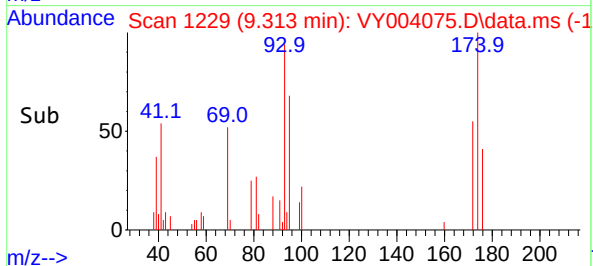




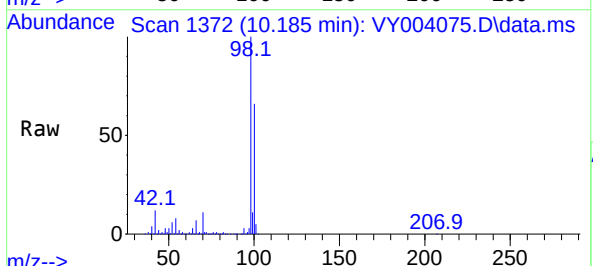
#49  
1,4-Dioxane  
Concen: 43.99 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



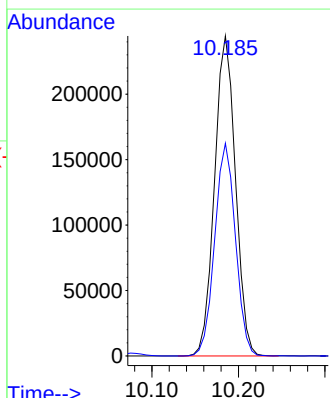
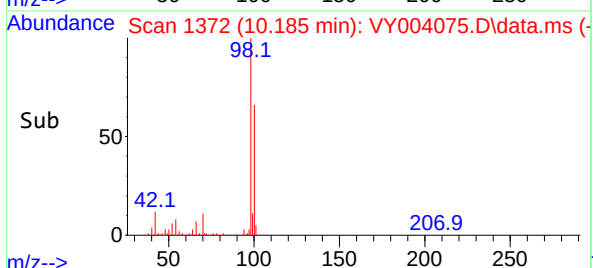
Tgt Ion: 88 Resp: 728  
Ion Ratio Lower Upper  
88 100  
43 54.8 32.0 48.0#  
58 0.0 56.5 84.7#



#50  
Toluene-d8  
Concen: 50.45 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



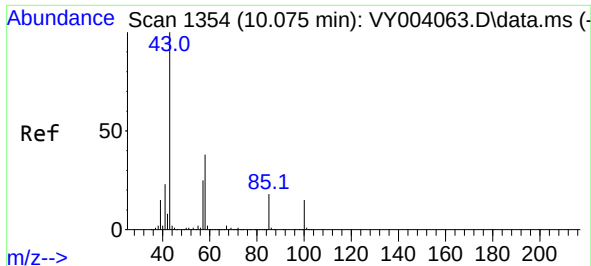
Tgt Ion: 98 Resp: 410470  
Ion Ratio Lower Upper  
98 100  
100 65.8 51.8 77.6



Instrument :  
MSVOA\_Y  
ClientSampled :  
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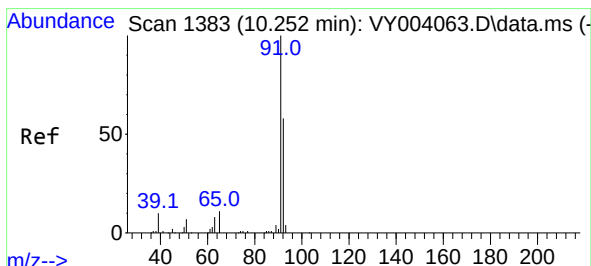
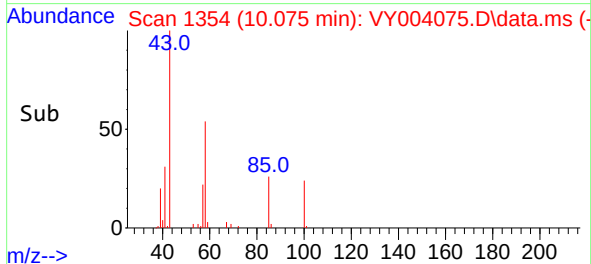
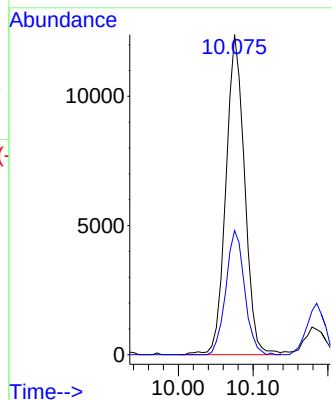
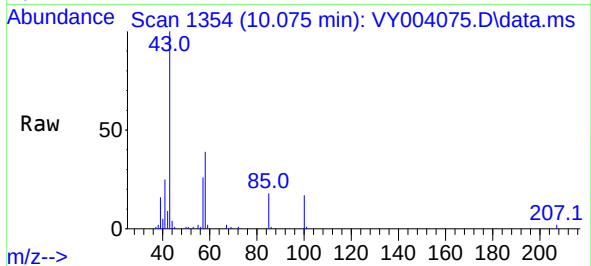
#51  
4-Methyl-2-Pentanone  
Concen: 12.17 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 43 Resp: 21531  
Ion Ratio Lower Upper  
43 100  
58 38.8 29.8 44.8

Instrument :  
MSVOA\_Y  
ClientSampled :  
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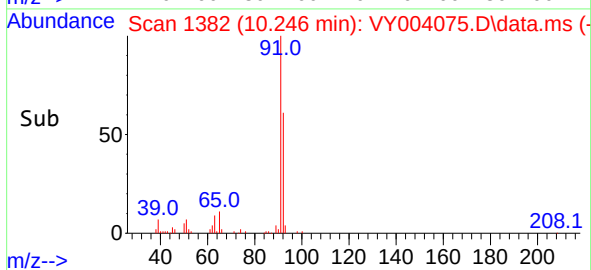
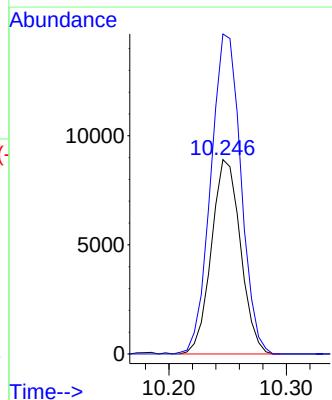
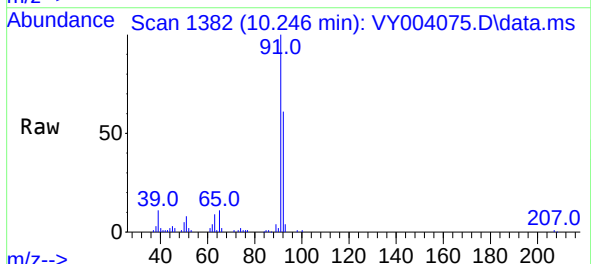
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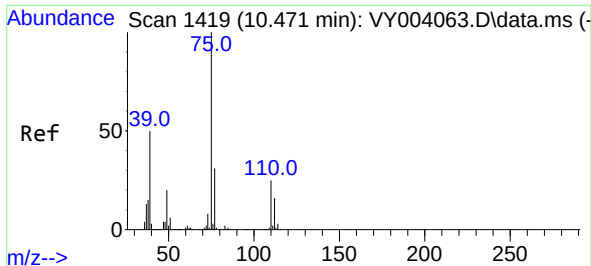
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#52  
Toluene  
Concen: 2.60 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 92 Resp: 15330  
Ion Ratio Lower Upper  
92 100  
91 170.3 141.0 211.4





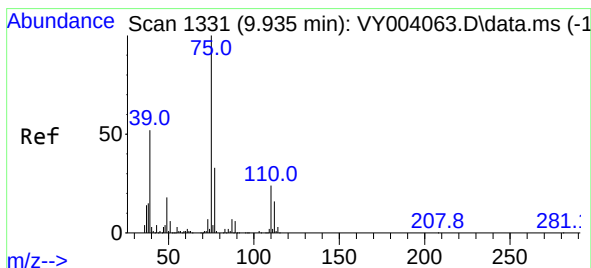
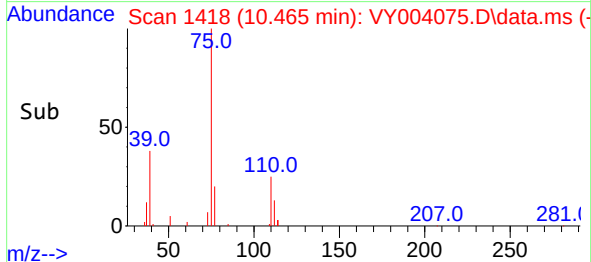
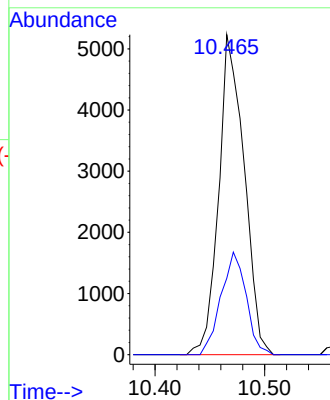
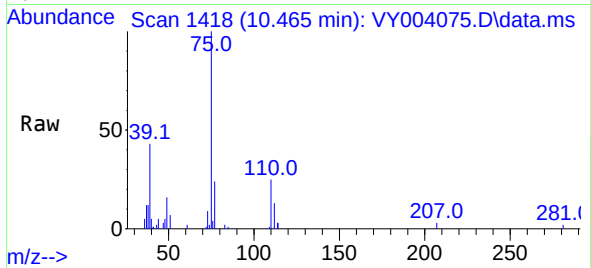
#53  
t-1,3-Dichloropropene  
Concen: 2.46 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 75 Resp: 8432  
Ion Ratio Lower Upper  
75 100  
77 23.9 24.5 36.7#

Instrument :  
MSVOA\_Y  
ClientSampled :  
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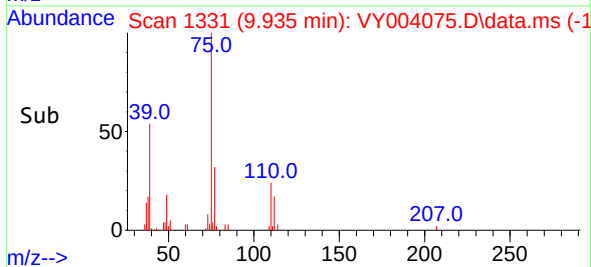
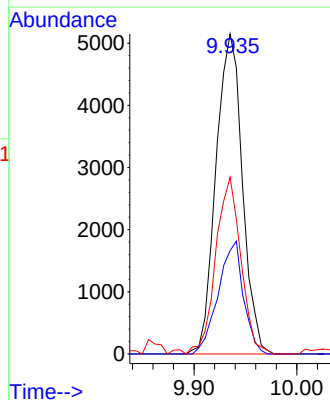
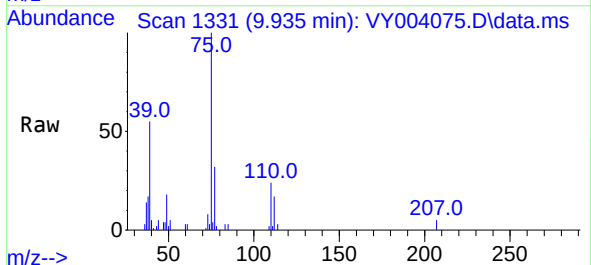
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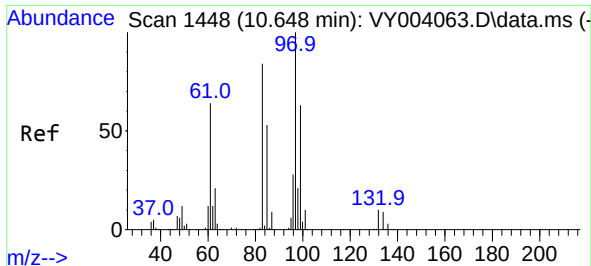
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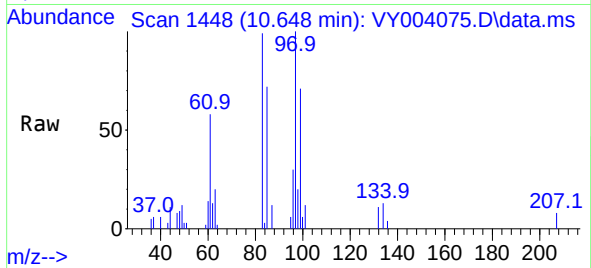
#54  
cis-1,3-Dichloropropene  
Concen: 2.39 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 75 Resp: 9176  
Ion Ratio Lower Upper  
75 100  
77 32.3 24.2 36.4  
39 55.2 40.4 60.6

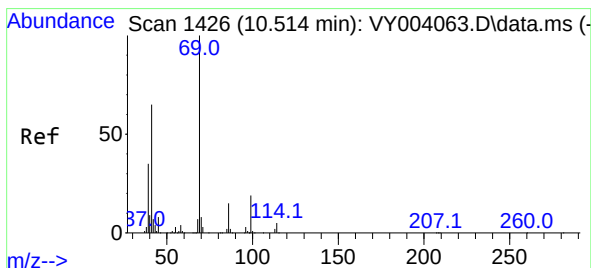
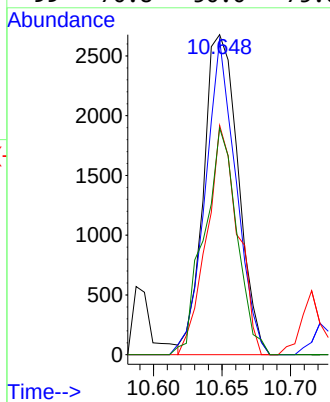
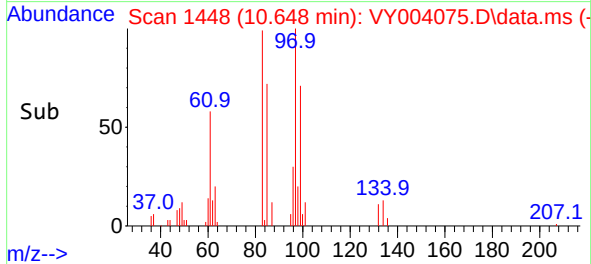




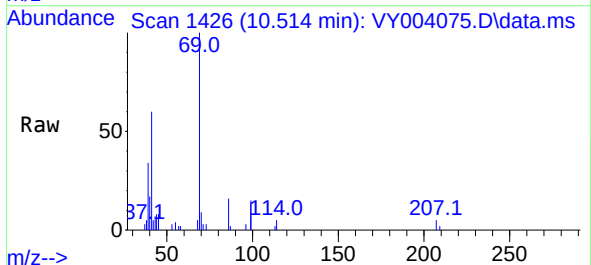
#55  
1,1,2-Trichloroethane  
Concen: 2.58 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



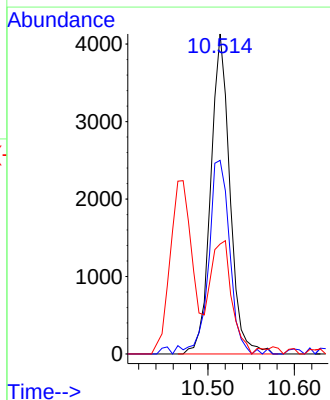
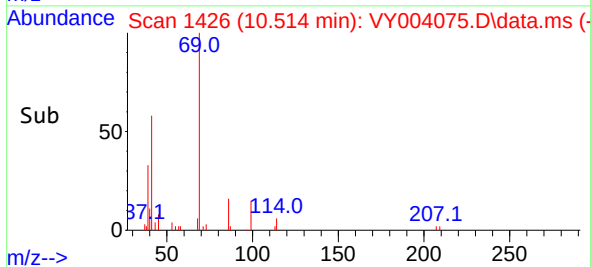
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 4720  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 98.5  | 69.4  | 104.0 |
| 85       | 71.7  | 43.4  | 65.0# |
| 99       | 70.8  | 50.0  | 75.0  |



#56  
Ethyl methacrylate  
Concen: 2.49 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 6359  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 66.0  | 57.2  | 85.8  |
| 39       | 38.4  | 27.8  | 41.6  |

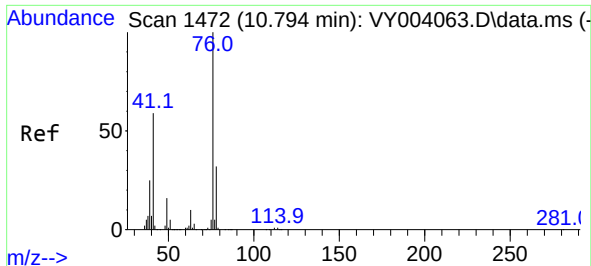


Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

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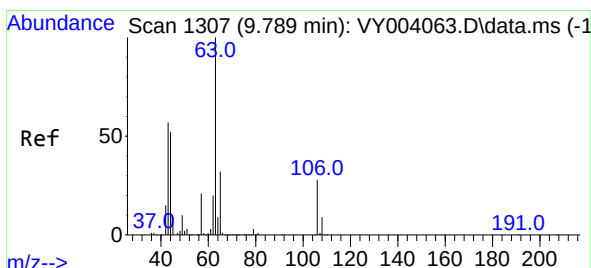
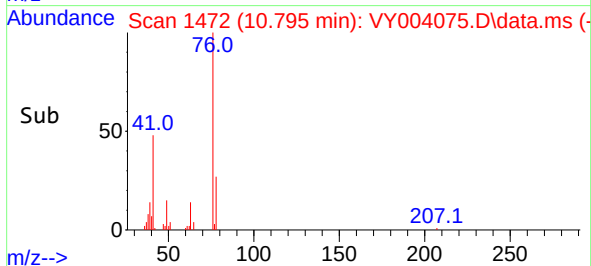
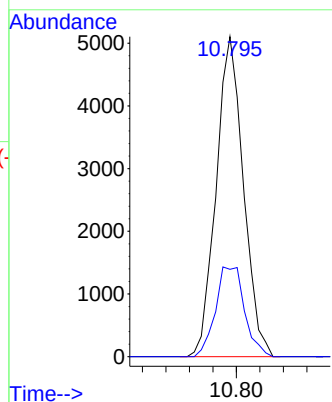
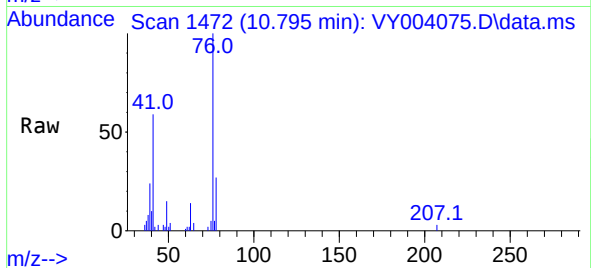
#57  
1,3-Dichloropropane  
Concen: 2.63 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.001 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 76 Resp: 8225  
Ion Ratio Lower Upper  
76 100  
78 29.9 25.5 38.3

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

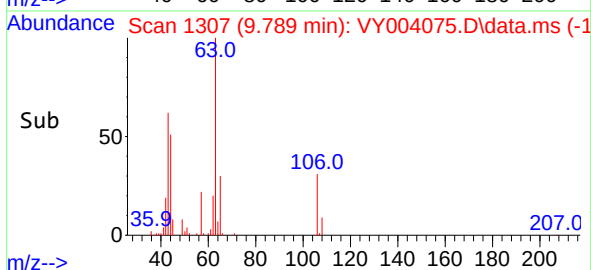
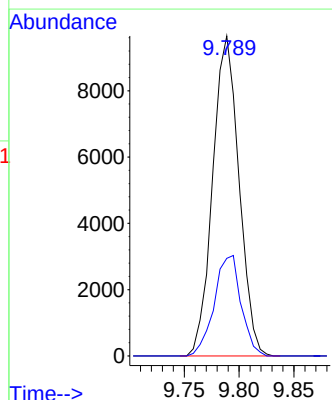
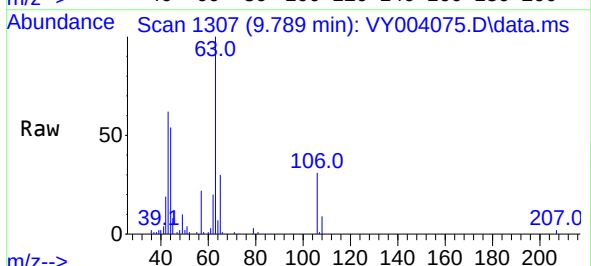
Manual Integrations  
APPROVED

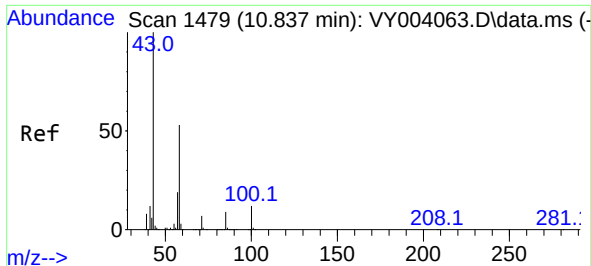
MMDadoda  
3/12/2021 2:02:04 PM



#58  
2-Chloroethyl Vinyl ether  
Concen: 14.22 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 63 Resp: 16124  
Ion Ratio Lower Upper  
63 100  
106 32.0 22.1 33.1





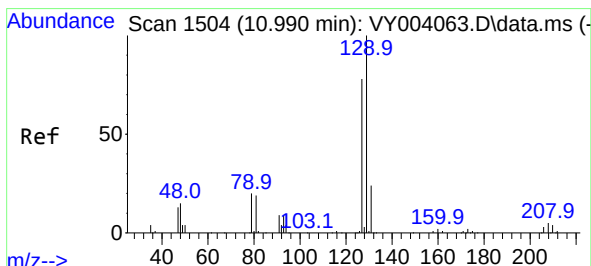
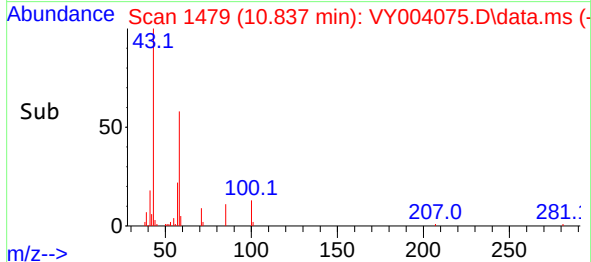
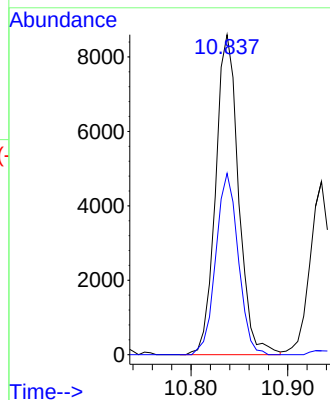
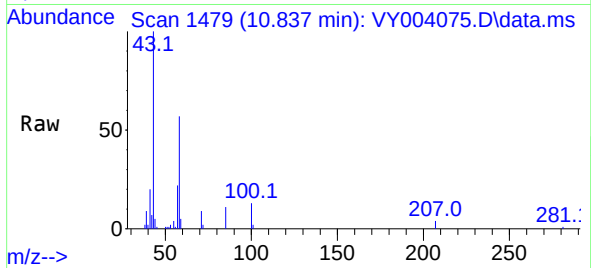
#59  
2-Hexanone  
Concen: 11.39 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 43 Resp: 14169  
Ion Ratio Lower Upper  
43 100  
58 55.3 26.5 79.4

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

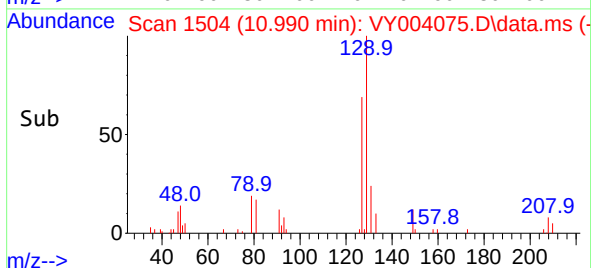
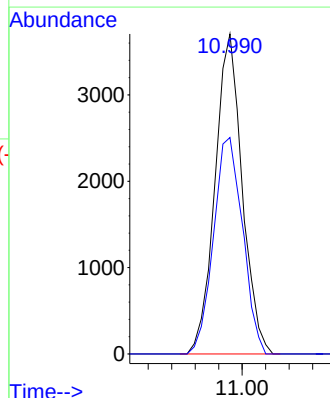
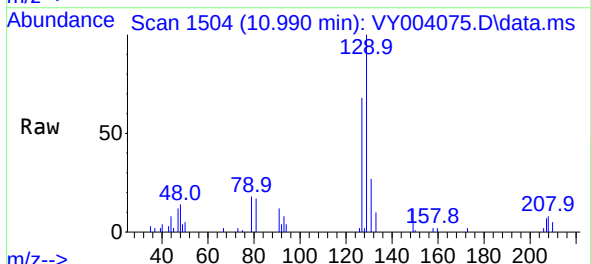
Manual Integrations  
APPROVED

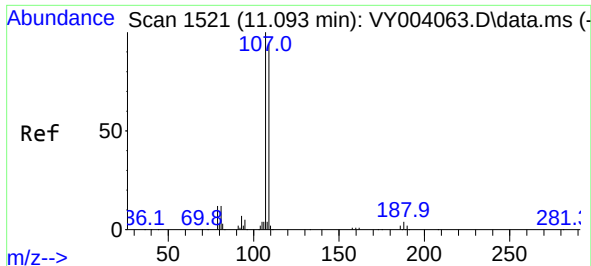
MMDadoda  
3/12/2021 2:02:04 PM



#60  
Dibromochloromethane  
Concen: 2.59 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

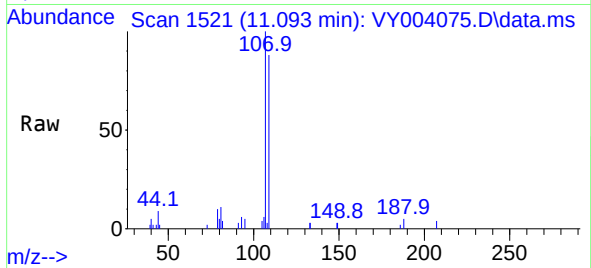
Tgt Ion:129 Resp: 5953  
Ion Ratio Lower Upper  
129 100  
127 72.4 39.0 117.0





#61  
1,2-Dibromoethane  
Concen: 2.66 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

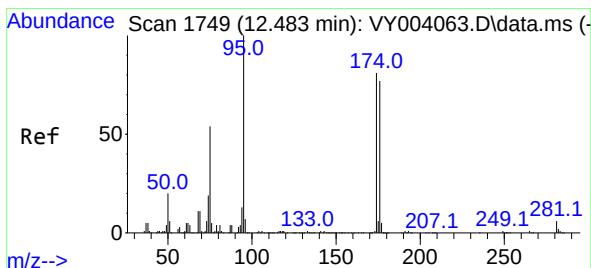
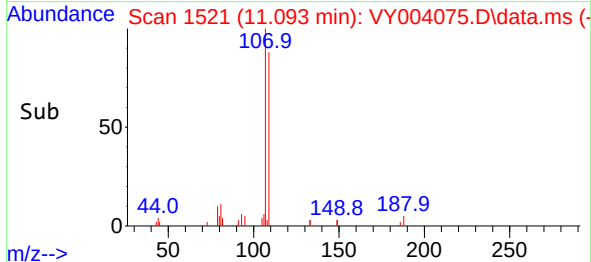
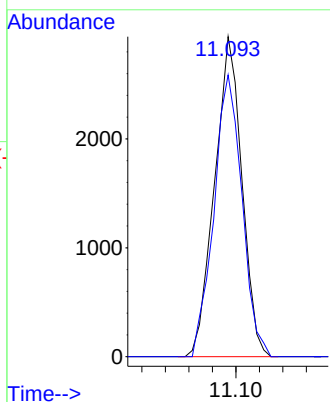
Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04



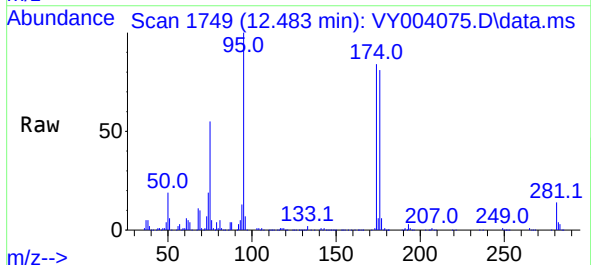
Tgt Ion:107 Resp: 4744  
Ion Ratio Lower Upper  
107 100  
109 90.6 76.7 115.1

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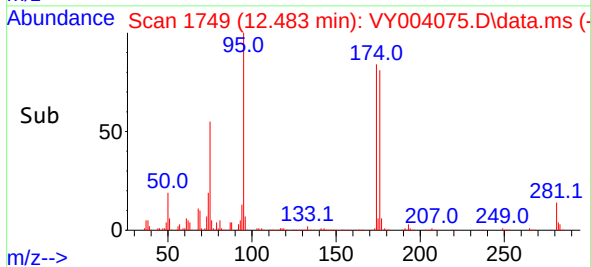
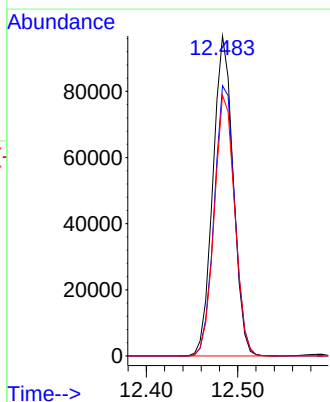
MMDadoda  
3/12/2021 2:02:04 PM

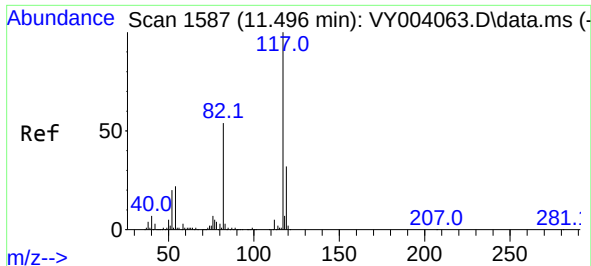


#62  
4-Bromofluorobenzene  
Concen: 49.49 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



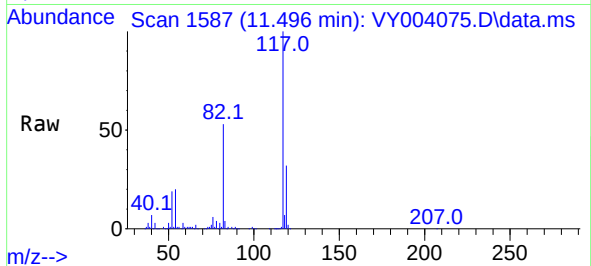
Tgt Ion: 95 Resp: 148719  
Ion Ratio Lower Upper  
95 100  
174 85.9 0.0 179.0  
176 82.5 0.0 174.4





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

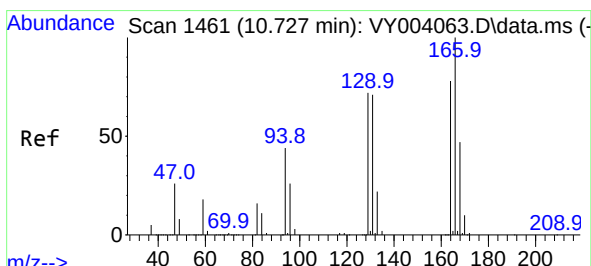
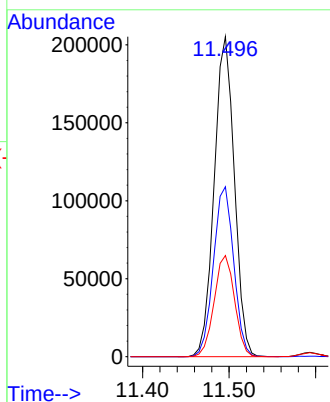
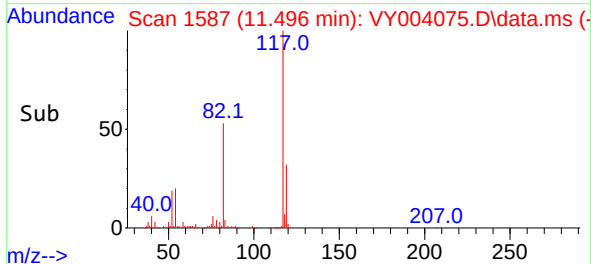
Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04



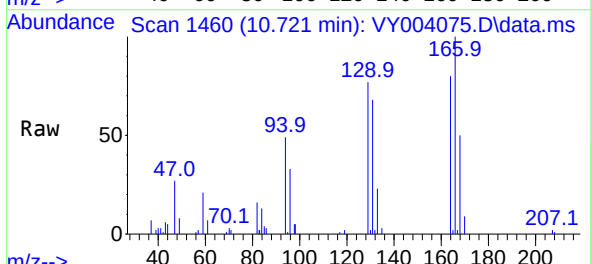
Tgt Ion:117 Resp: 331964  
Ion Ratio Lower Upper  
117 100  
82 53.1 43.8 65.6  
119 31.6 26.2 39.2

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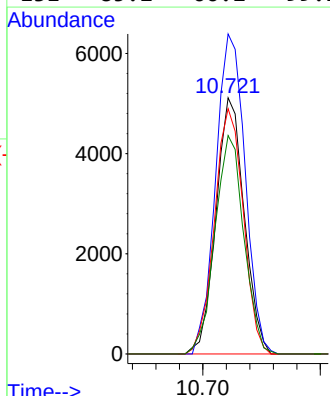
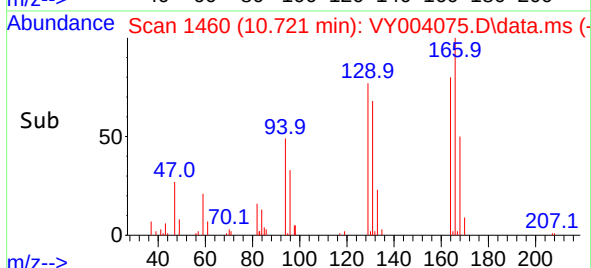
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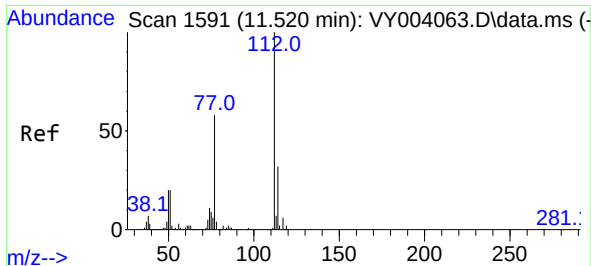


#64  
Tetrachloroethene  
Concen: 3.07 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



Tgt Ion:164 Resp: 8540  
Ion Ratio Lower Upper  
164 100  
166 124.9 102.7 154.1  
129 95.7 70.6 105.8  
131 85.2 66.2 99.2





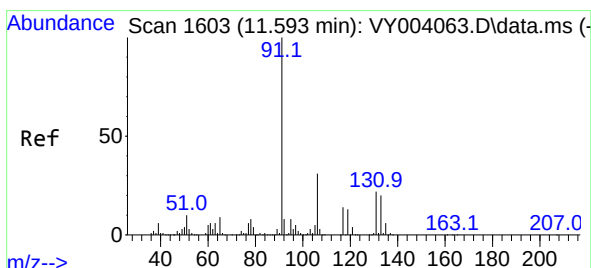
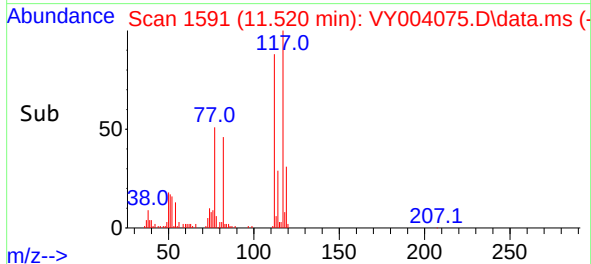
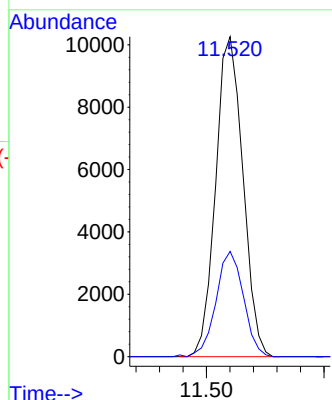
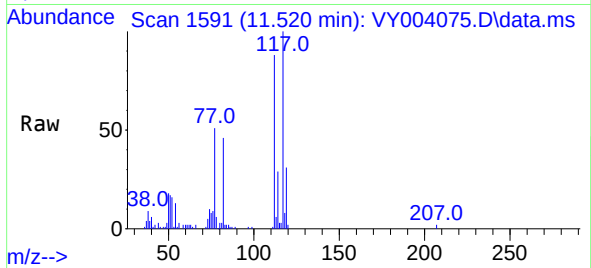
#65  
Chlorobenzene  
Concen: 2.60 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

Tgt Ion:112 Resp: 16525  
Ion Ratio Lower Upper  
112 100  
114 32.9 26.5 39.7

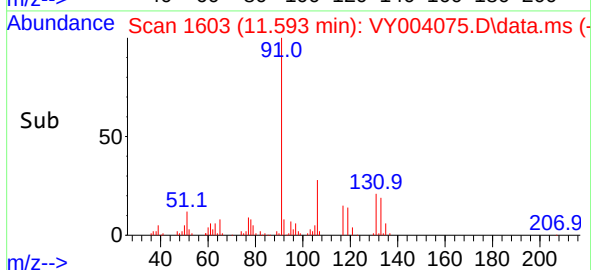
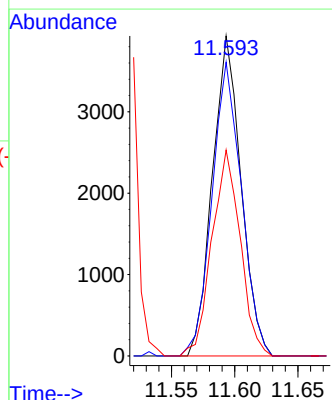
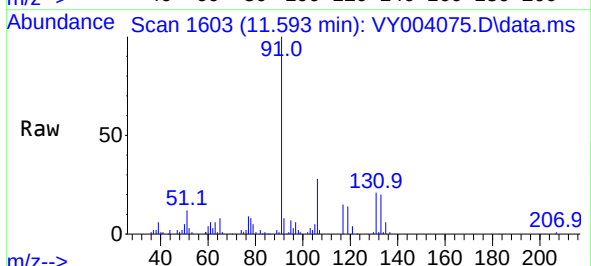
Manual Integrations  
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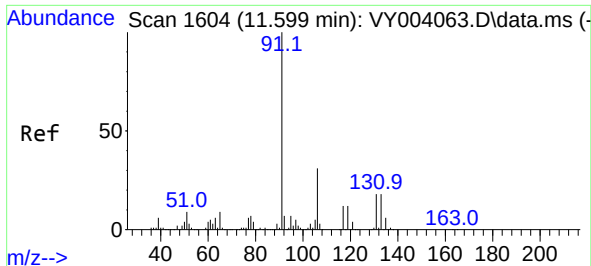
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 2.60 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion:131 Resp: 6183  
Ion Ratio Lower Upper  
131 100  
133 94.7 48.1 144.3  
119 63.6 31.5 94.5





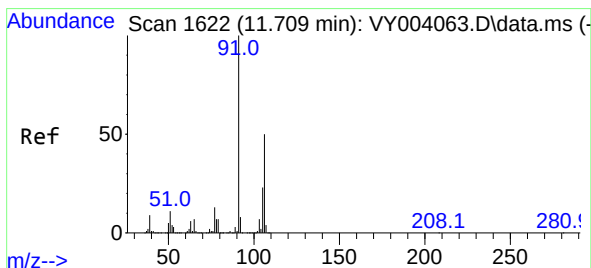
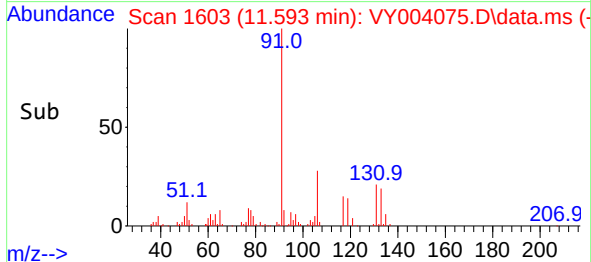
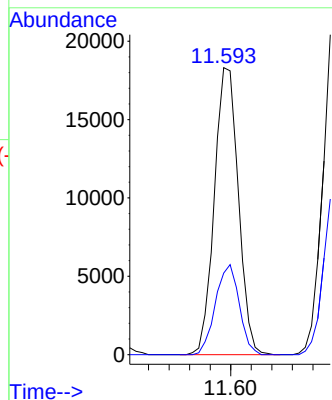
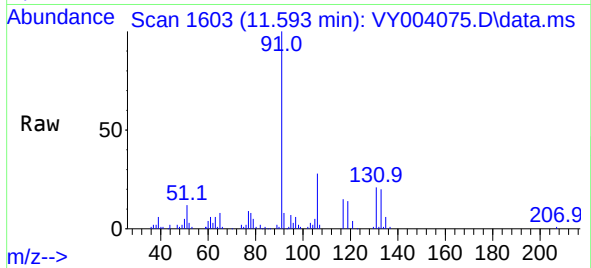
#67  
Ethyl Benzene  
Concen: 2.54 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 91 Resp: 29665  
Ion Ratio Lower Upper  
91 100  
106 28.4 24.5 36.7

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

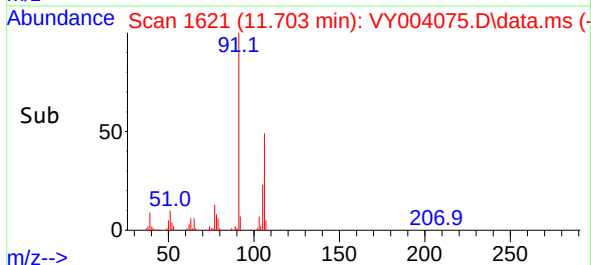
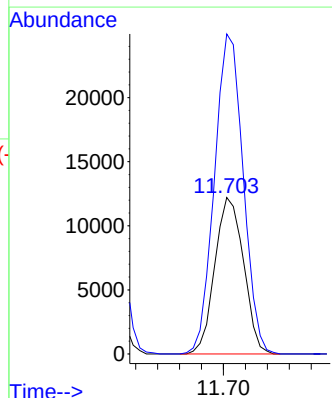
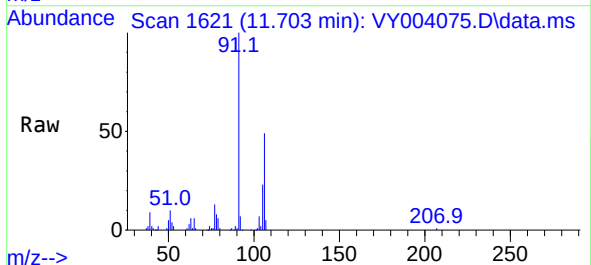
Manual Integrations  
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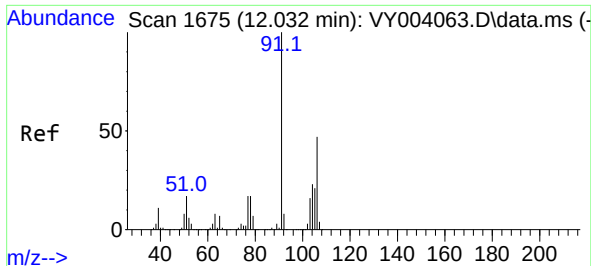
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3/12/2021 2:02:04 PM



#68  
m/p-Xylenes  
Concen: 4.99 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 106 Resp: 22225  
Ion Ratio Lower Upper  
106 100  
91 204.8 165.4 248.0





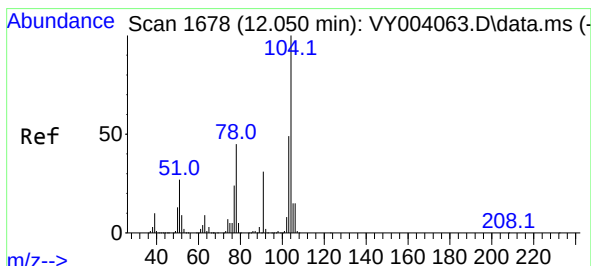
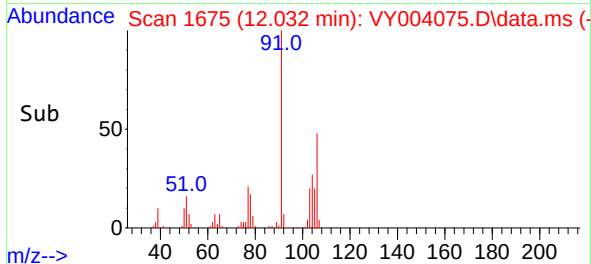
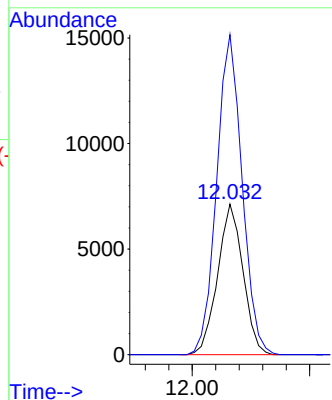
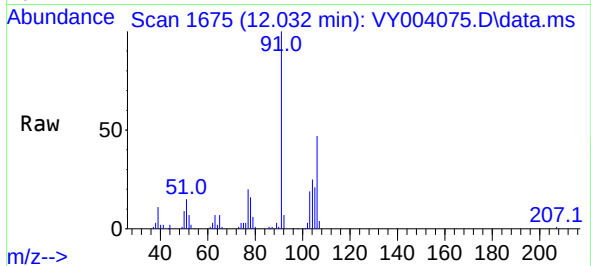
#69  
o-Xylene  
Concen: 2.54 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion:106 Resp: 10688  
Ion Ratio Lower Upper  
106 100  
91 213.1 108.9 326.7

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

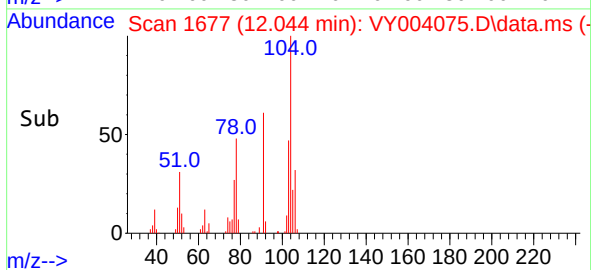
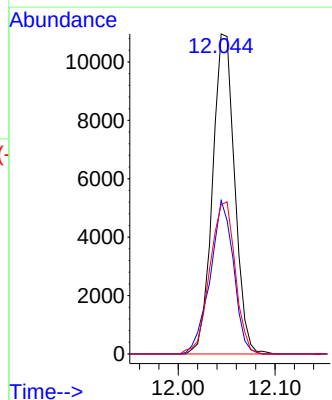
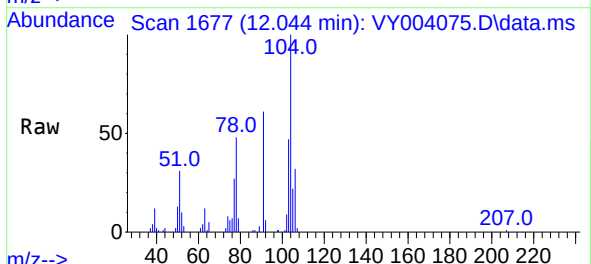
Manual Integrations  
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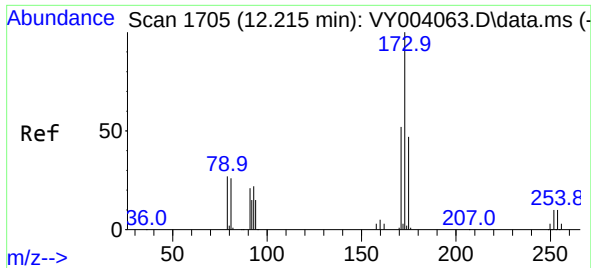
MMDadoda  
3/12/2021 2:02:04 PM



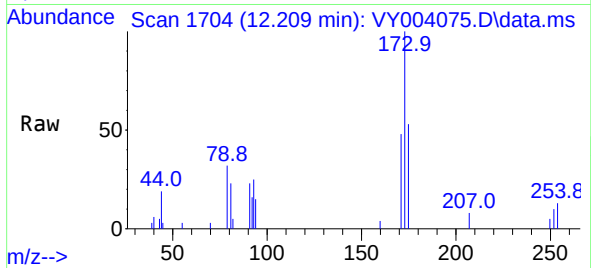
#70  
Styrene  
Concen: 2.42 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion:104 Resp: 17416  
Ion Ratio Lower Upper  
104 100  
78 50.6 41.1 61.7  
103 54.3 43.9 65.9

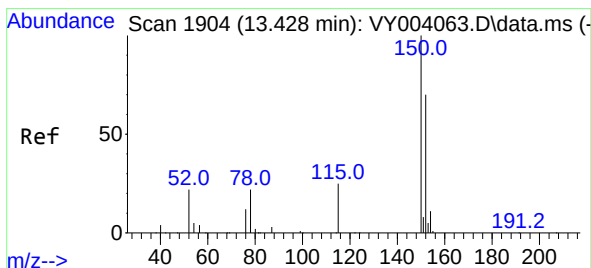
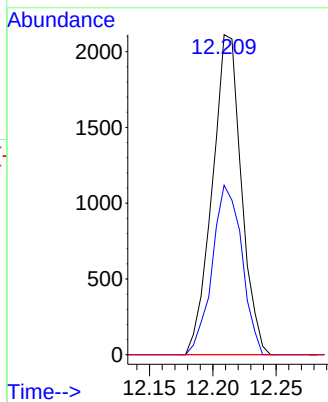
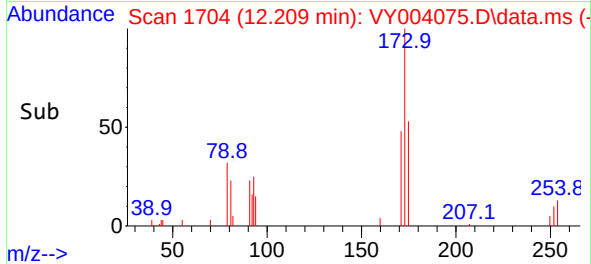




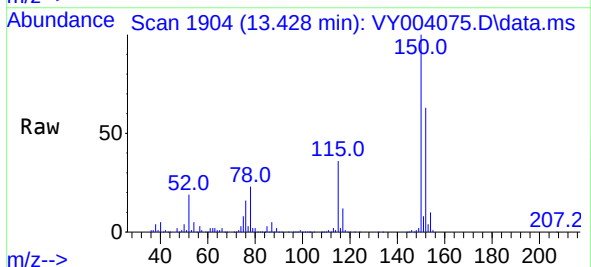
#71  
Bromoform  
Concen: 2.37 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



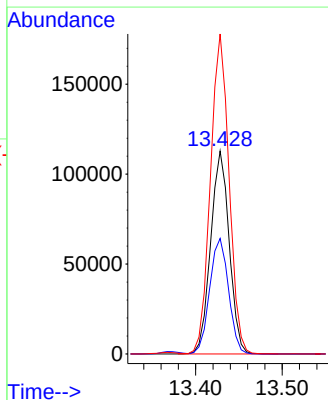
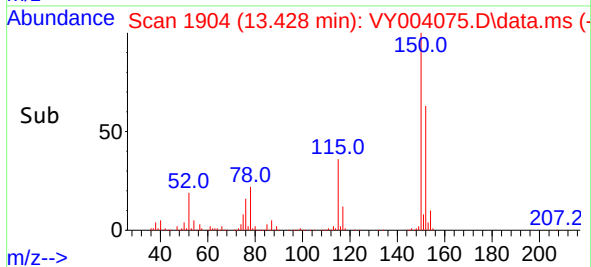
Tgt Ion:173 Resp: 3371  
Ion Ratio Lower Upper  
173 100  
175 54.0 24.1 72.4  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



Tgt Ion:152 Resp: 167792  
Ion Ratio Lower Upper  
152 100  
115 58.0 28.2 84.6  
150 158.4 0.0 347.2

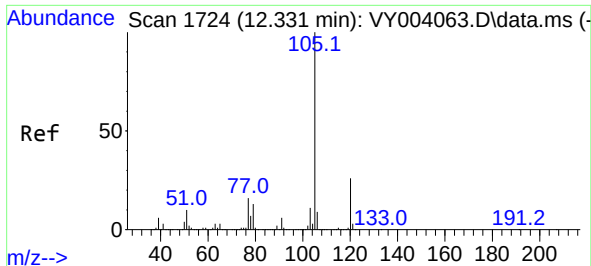


Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

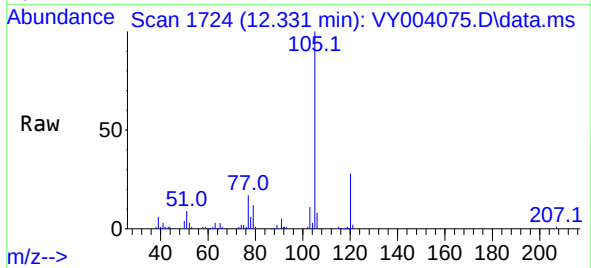
Manual Integrations  
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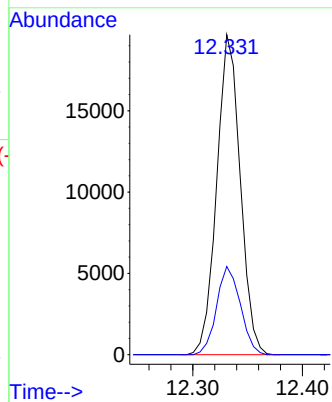




#73  
Isopropylbenzene  
Concen: 2.52 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



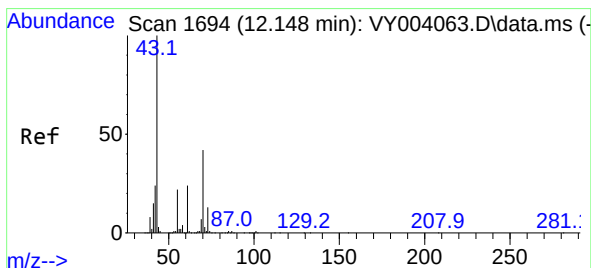
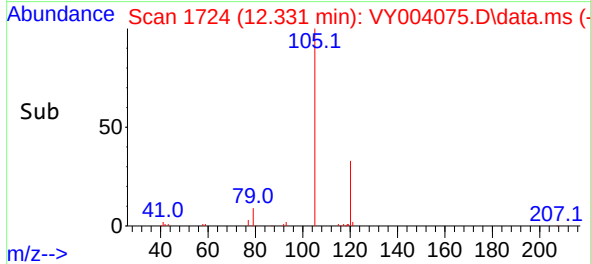
Tgt Ion: 105 Resp: 29337  
Ion Ratio Lower Upper  
105 100  
120 27.8 13.3 39.9



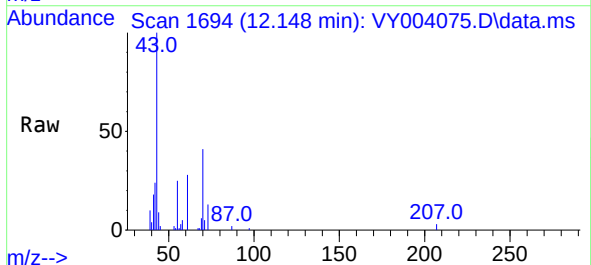
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL04

Manual Integrations  
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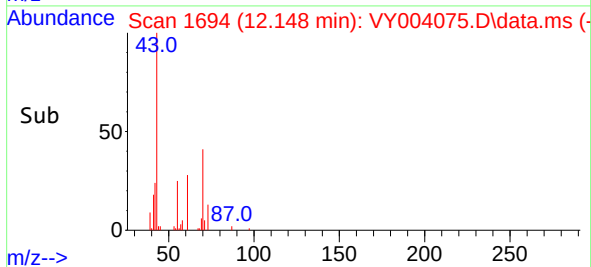
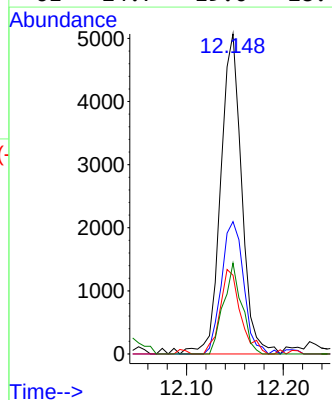
MMDadoda  
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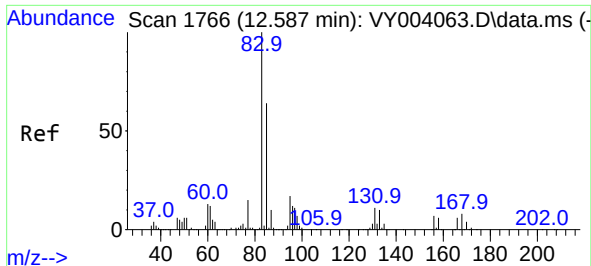


#74  
N-ethyl acetate  
Concen: 2.28 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



Tgt Ion: 43 Resp: 7624  
Ion Ratio Lower Upper  
43 100  
70 43.8 32.3 48.5  
55 25.8 18.4 27.6  
61 24.7 19.0 28.4





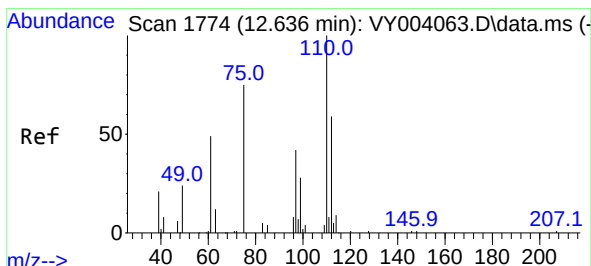
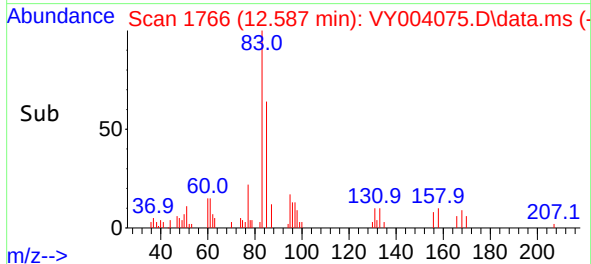
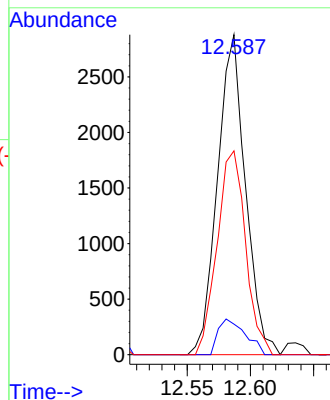
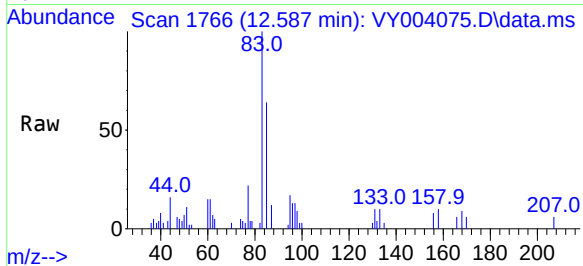
#75  
1,1,2,2-Tetrachloroethane  
Concen: 2.19 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 83 Resp: 4432  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.5 16.4  
85 64.7 31.6 95.0

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

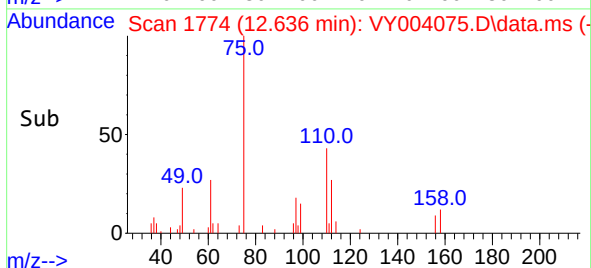
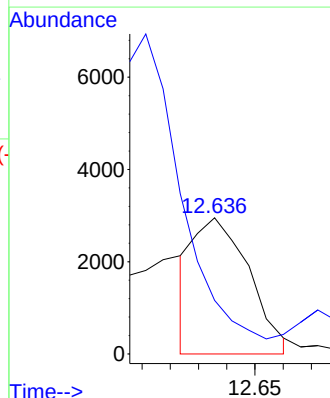
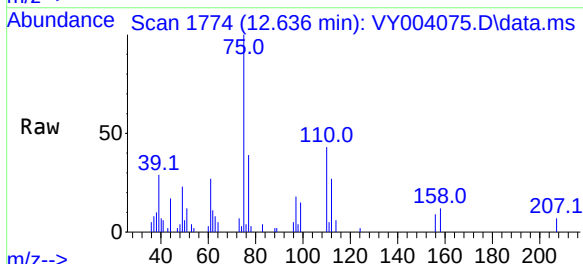
Manual Integrations  
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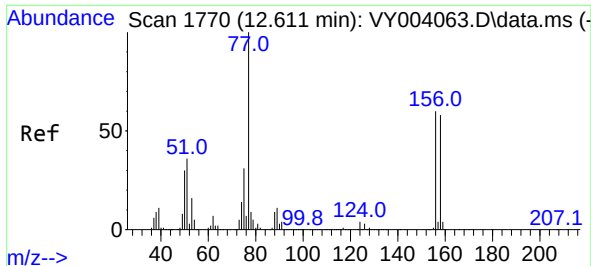
MMDadoda  
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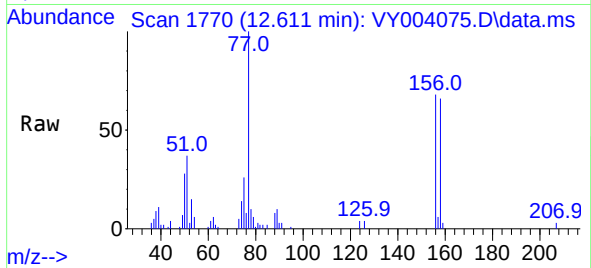
#76  
1,2,3-Trichloropropane  
Concen: 2.51 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 75 Resp: 4042  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

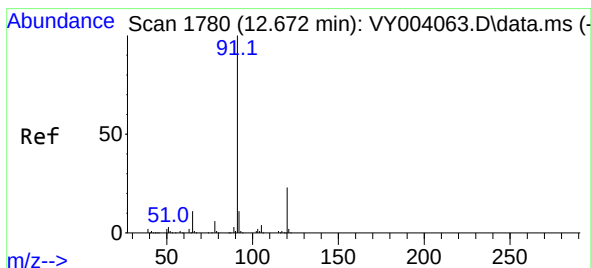
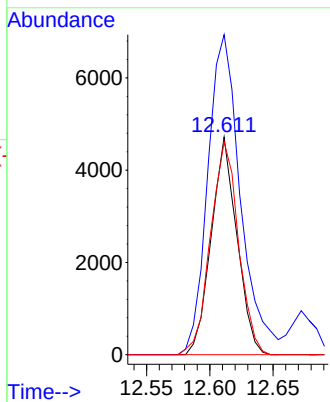
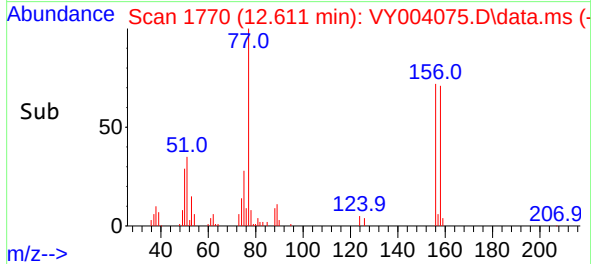




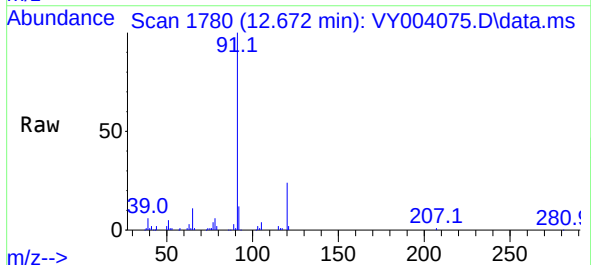
#77  
Bromobenzene  
Concen: 2.48 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



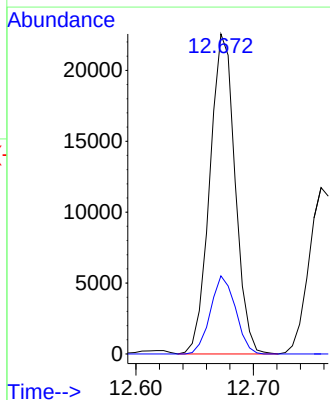
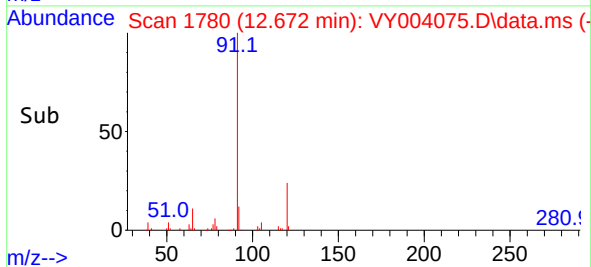
Tgt Ion: 156 Resp: 6670  
Ion Ratio Lower Upper  
156 100  
77 186.9 90.5 271.3  
158 106.3 48.9 146.6



#78  
n-propylbenzene  
Concen: 2.46 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



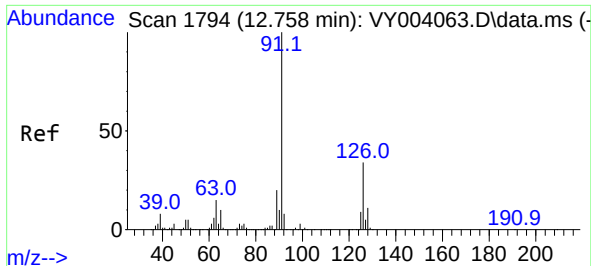
Tgt Ion: 91 Resp: 33738  
Ion Ratio Lower Upper  
91 100  
120 24.1 11.3 33.9



Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL04

Manual Integrations  
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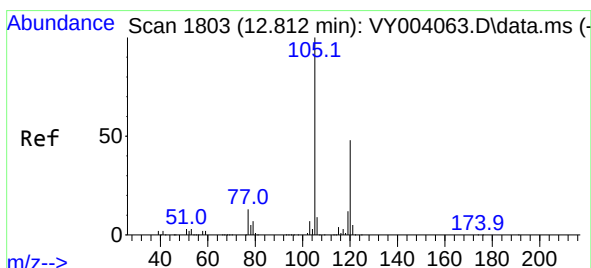
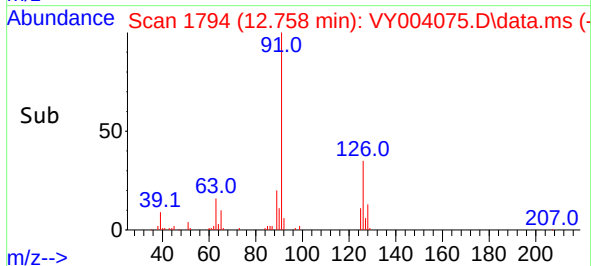
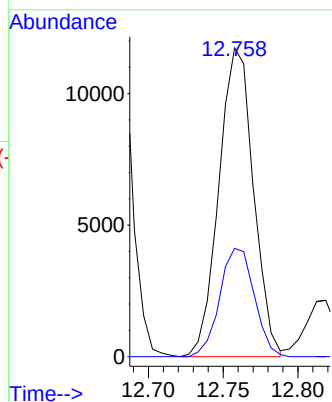
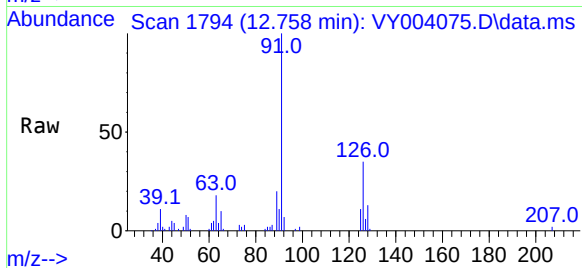
#79  
2-Chlorotoluene  
Concen: 2.45 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion: 91 Resp: 18869  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.0 51.0

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

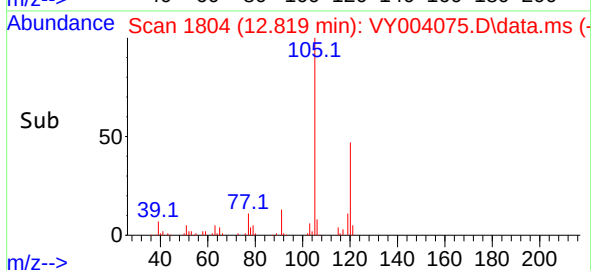
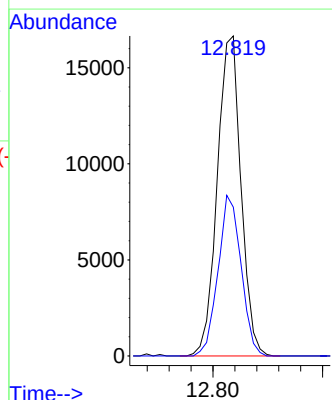
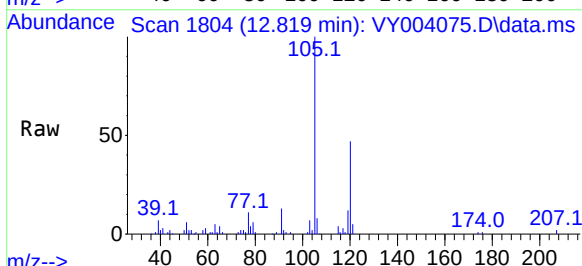
Manual Integrations  
APPROVED

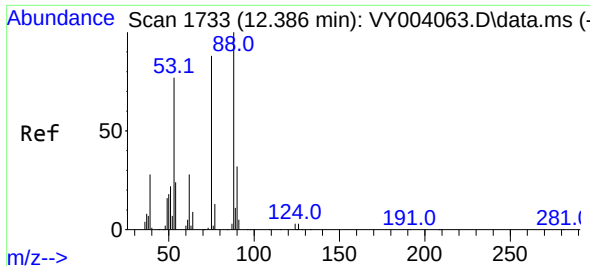
MMDadoda  
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#80  
1,3,5-Trimethylbenzene  
Concen: 2.53 ug/l  
RT: 12.819 min Scan# 1804  
Delta R.T. 0.007 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

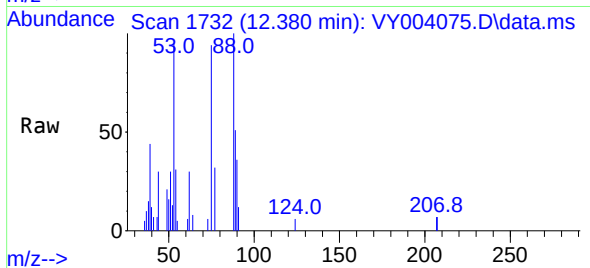
Tgt Ion: 105 Resp: 25021  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.1 72.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 2.21 ug/l m  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

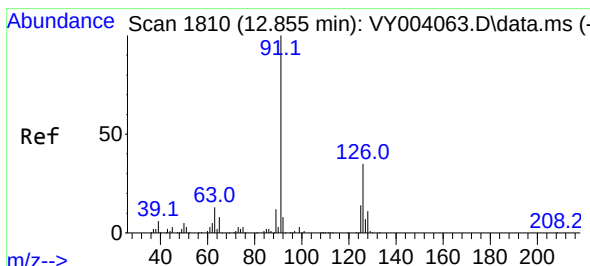
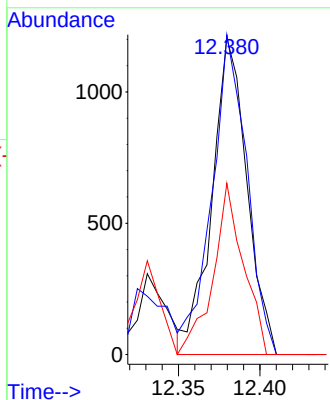
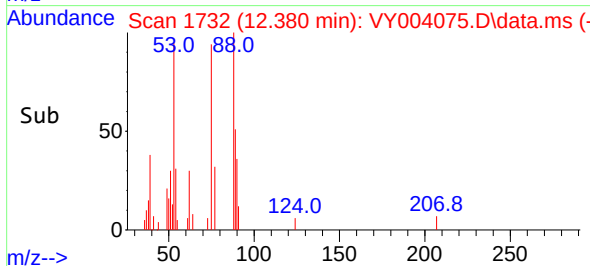
Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04



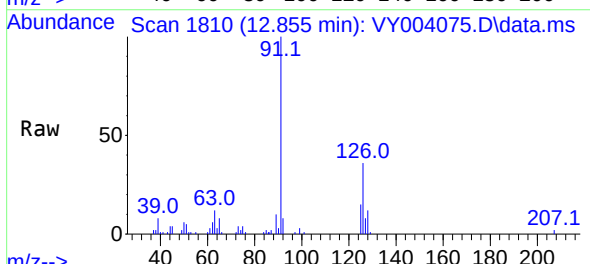
Tgt Ion: 75 Resp: 1800  
Ion Ratio Lower Upper  
75 100  
53 0.0 73.5 110.3#  
89 6.1 35.7 53.5#

Manual Integrations  
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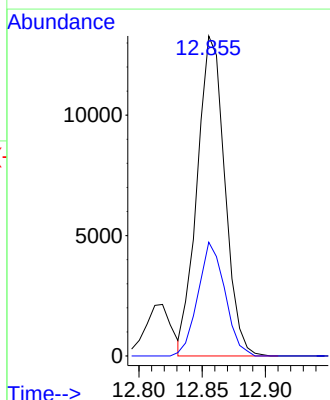
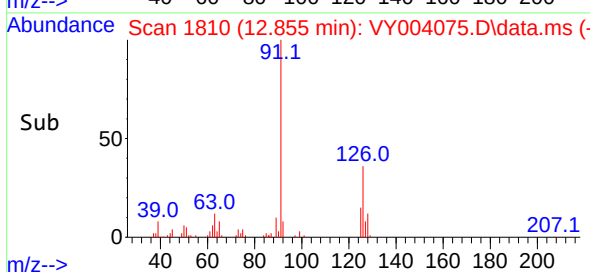
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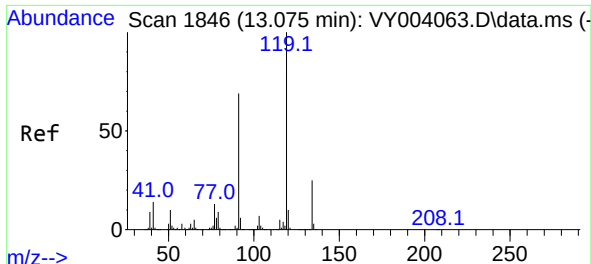


#82  
4-Chlorotoluene  
Concen: 2.48 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



Tgt Ion: 91 Resp: 20225  
Ion Ratio Lower Upper  
91 100  
126 34.6 16.8 50.4





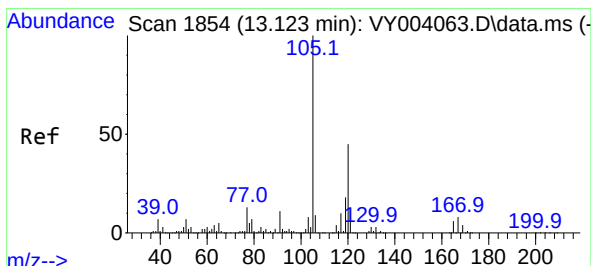
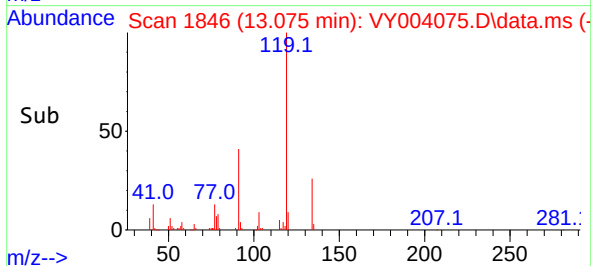
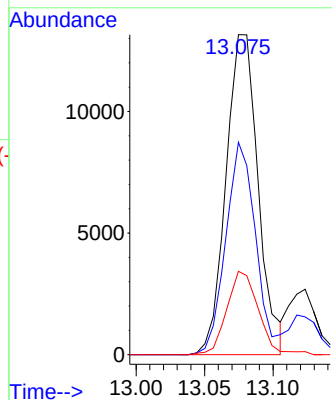
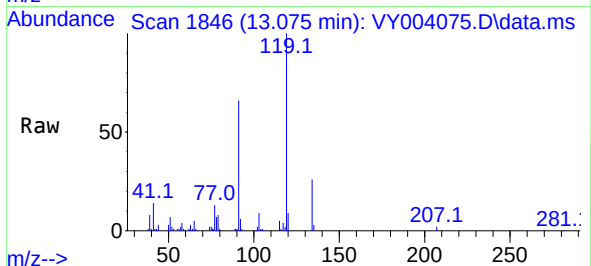
#83  
tert-Butylbenzene  
Concen: 2.53 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 21558 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 62.0  | 33.0  | 99.0  |
| 134      | 25.6  | 12.9  | 38.7  |

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

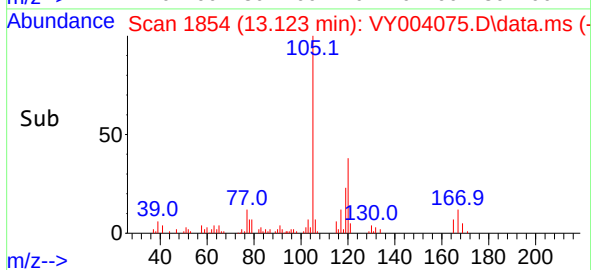
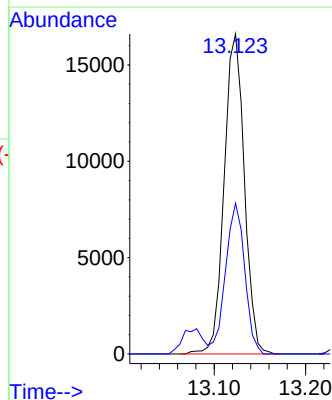
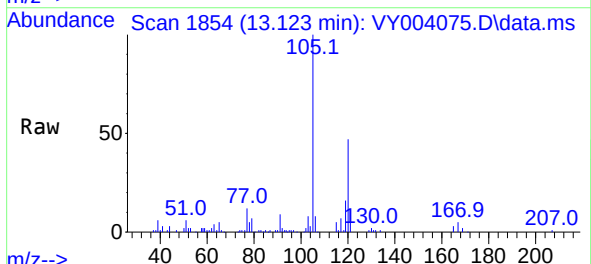
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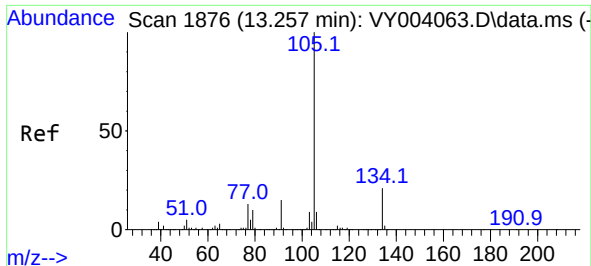
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#84  
1,2,4-Trimethylbenzene  
Concen: 2.58 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

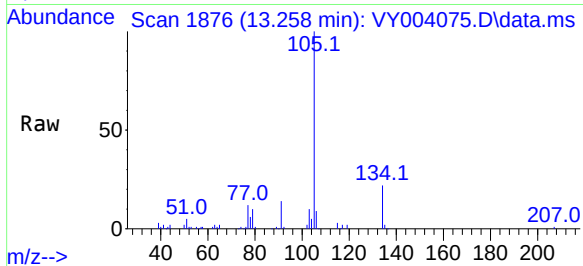
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 25524 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 44.8  | 22.1  | 66.3  |





#85  
sec-Butylbenzene  
Concen: 2.50 ug/l  
RT: 13.258 min Scan# 1876  
Delta R.T. 0.001 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

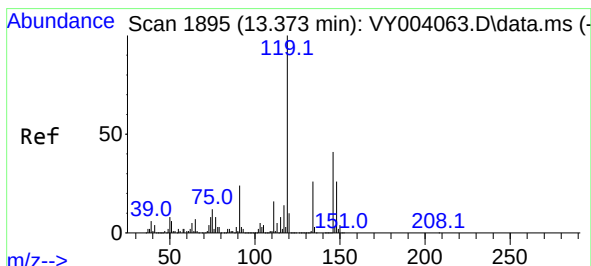
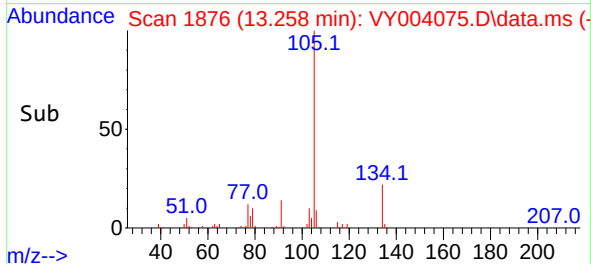
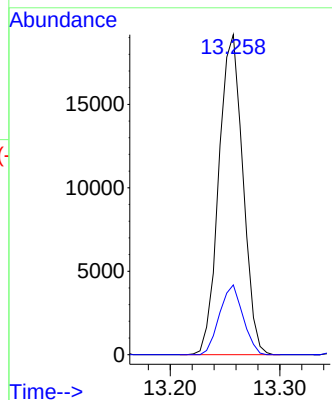
Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04



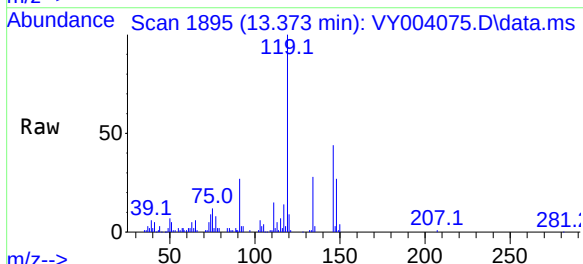
Tgt Ion:105 Resp: 29281  
Ion Ratio Lower Upper  
105 100  
134 21.2 10.2 30.4

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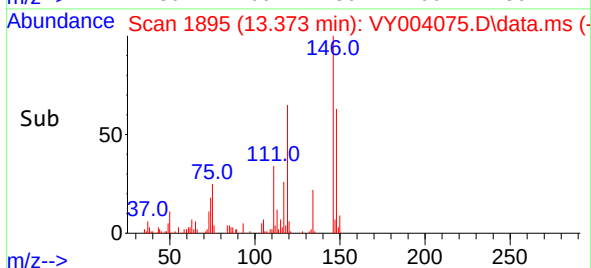
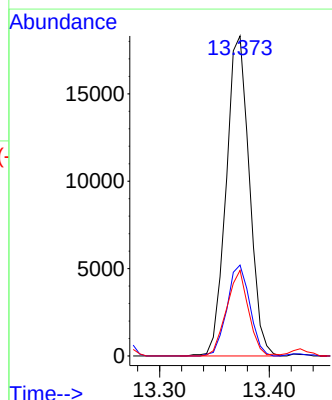
MMDadoda  
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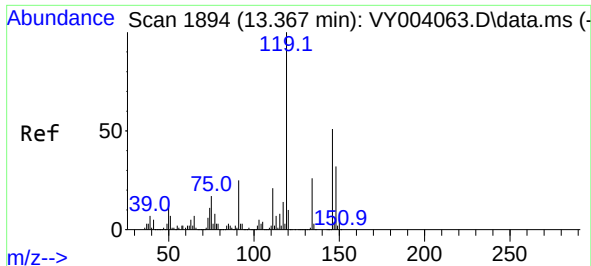


#86  
p-Isopropyltoluene  
Concen: 2.47 ug/l  
RT: 13.373 min Scan# 1895  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



Tgt Ion:119 Resp: 26860  
Ion Ratio Lower Upper  
119 100  
134 28.0 13.2 39.5  
91 25.4 12.1 36.3





#87  
1,3-Dichlorobenzene  
Concen: 2.63 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

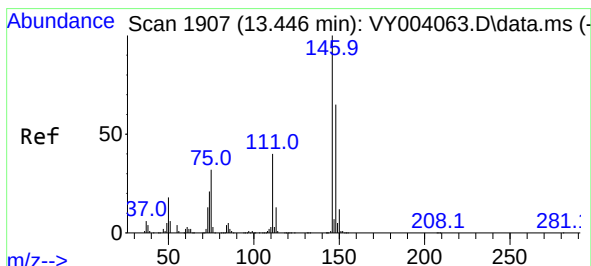
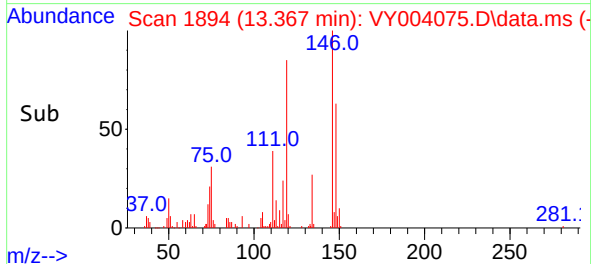
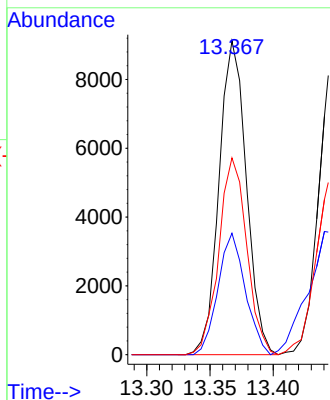
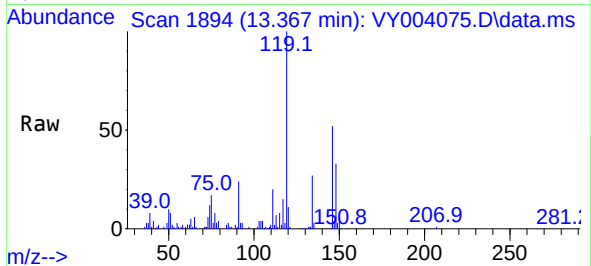
Tgt Ion:146 Resp: 13701  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 38.7  | 18.9  | 56.7  |
| 148 | 64.3  | 31.9  | 95.9  |

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

Manual Integrations  
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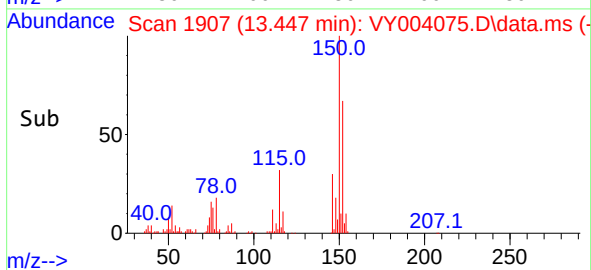
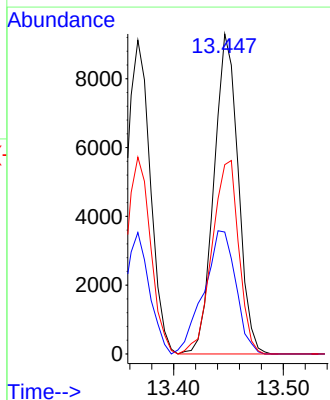
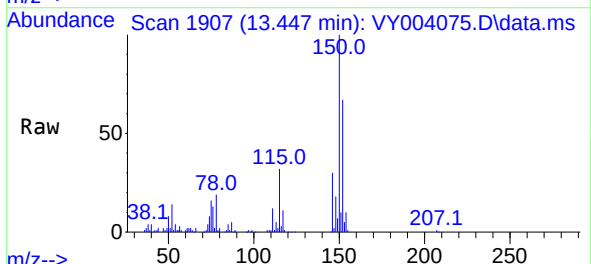
MMDadoda  
3/12/2021 2:02:04 PM



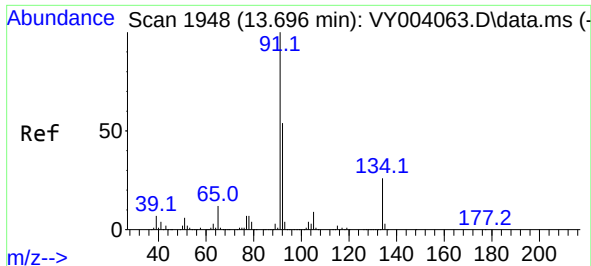
#88  
1,4-Dichlorobenzene  
Concen: 2.76 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.001 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

Tgt Ion:146 Resp: 14310  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 50.7  | 18.6  | 55.8  |
| 148 | 66.7  | 31.8  | 95.4  |







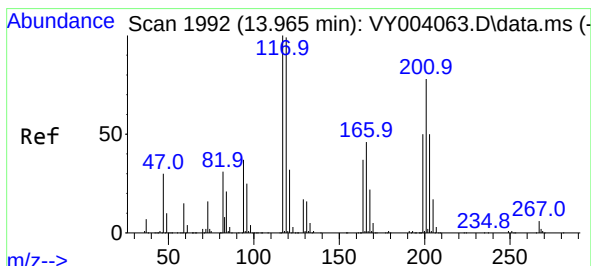
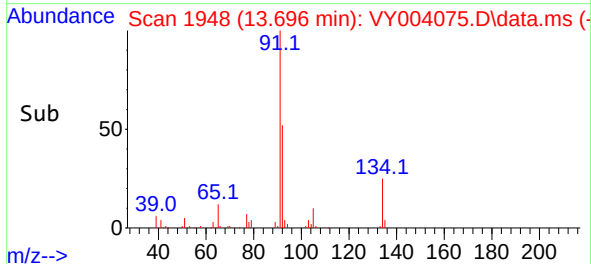
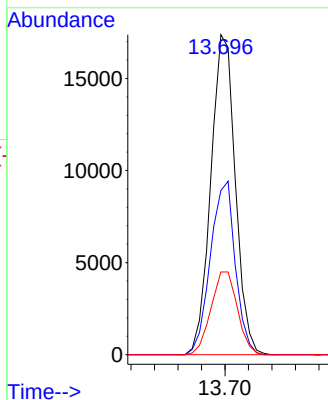
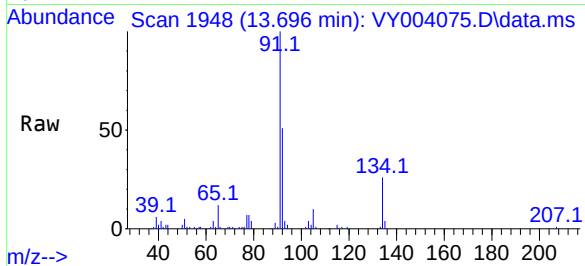
#89  
n-Butylbenzene  
Concen: 2.43 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 25198 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 54.9  | 26.5  | 79.4  |
| 134      | 28.0  | 13.2  | 39.5  |

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

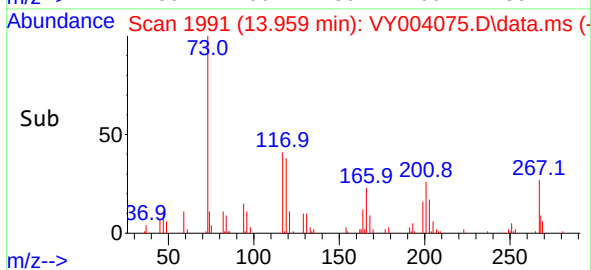
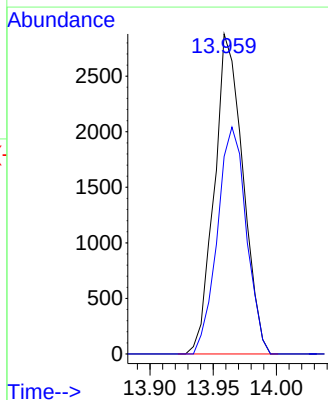
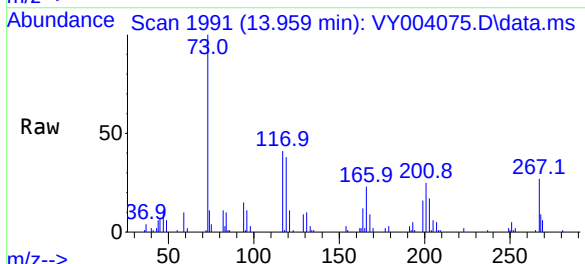
Manual Integrations  
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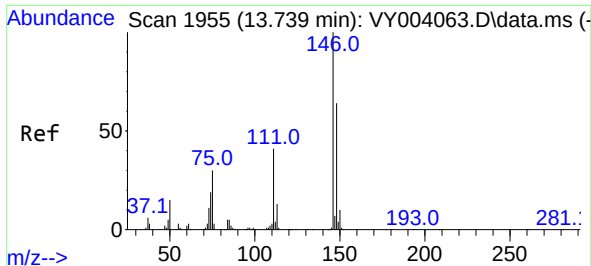
MMDadoda  
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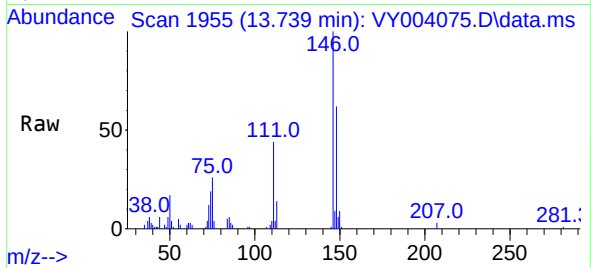
#90  
Hexachloroethane  
Concen: 2.31 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 4524  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 72.0  | 46.0  | 138.0 |

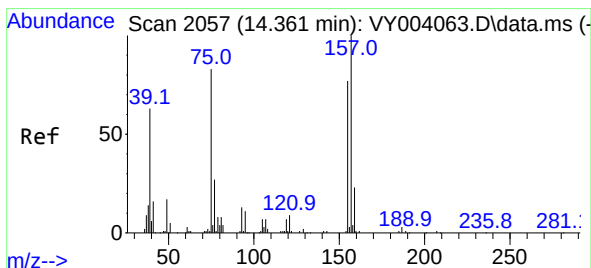
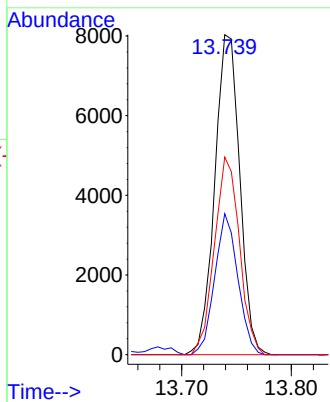
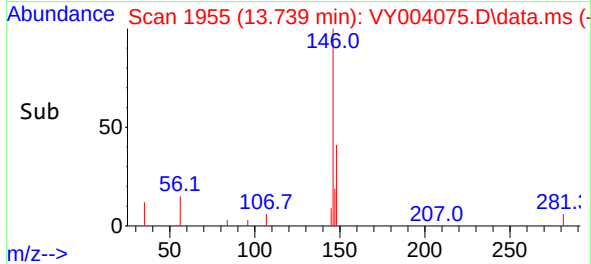




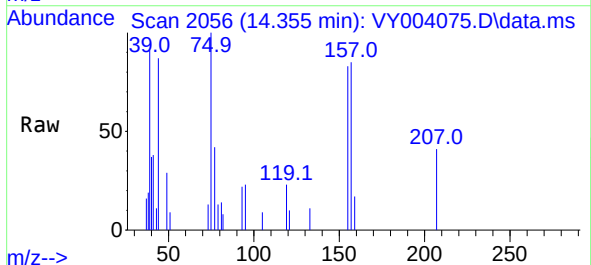
#91  
1,2-Dichlorobenzene  
Concen: 2.76 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



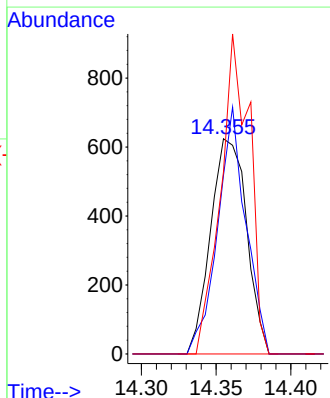
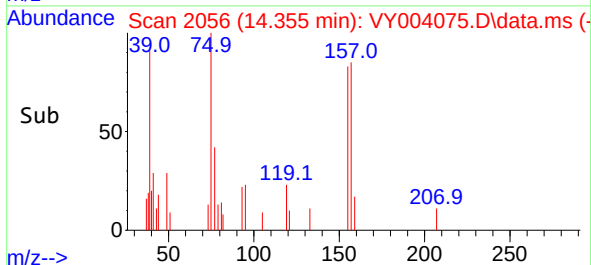
Tgt Ion:146 Resp: 12733  
Ion Ratio Lower Upper  
146 100  
111 40.8 19.6 58.8  
148 61.9 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 2.73 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



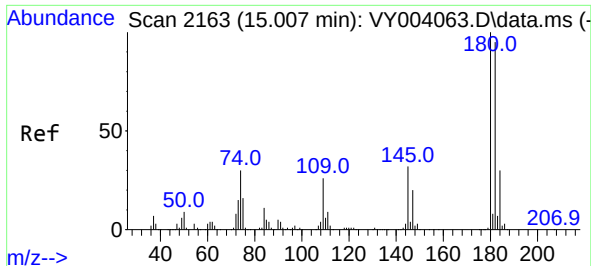
Tgt Ion: 75 Resp: 1044  
Ion Ratio Lower Upper  
75 100  
155 89.9 42.8 128.4  
157 119.3 52.4 157.3



Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

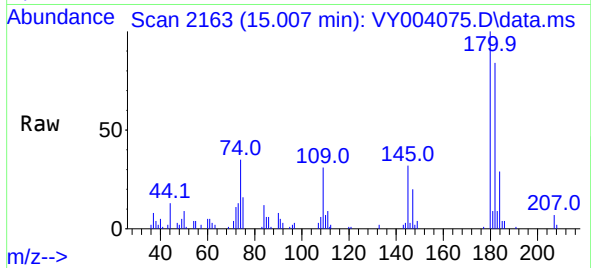
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#93  
1,2,4-Trichlorobenzene  
Concen: 2.79 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

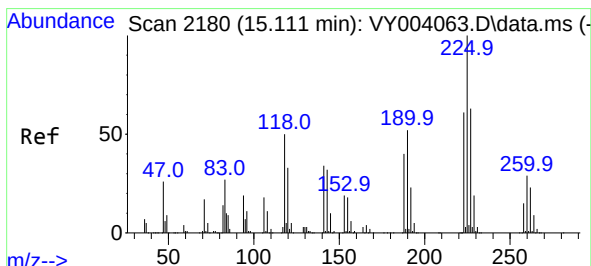
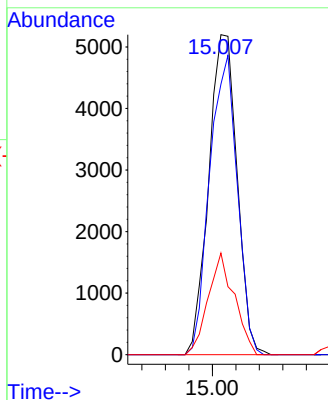
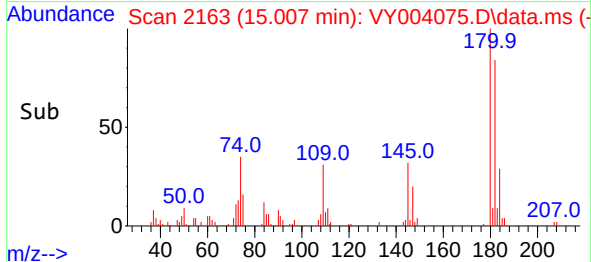
Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04



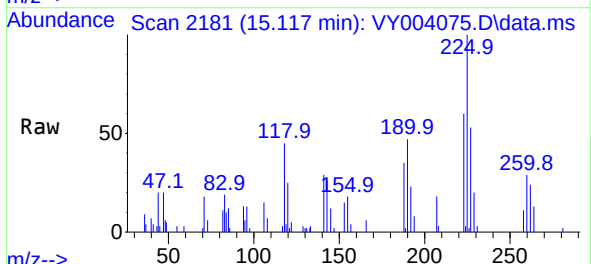
Tgt Ion:180 Resp: 8720  
Ion Ratio Lower Upper  
180 100  
182 91.0 48.0 144.0  
145 29.3 14.1 42.2

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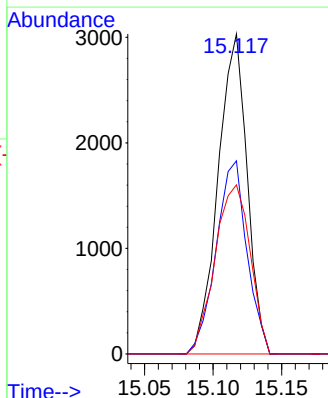
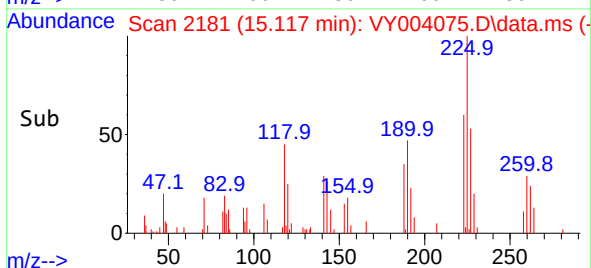
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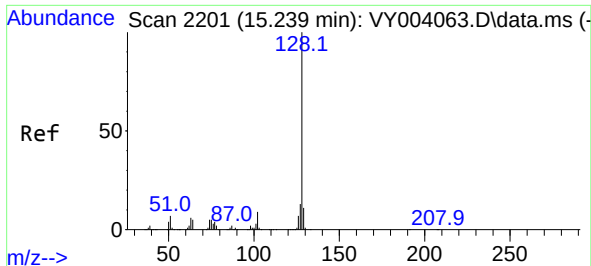


#94  
Hexachlorobutadiene  
Concen: 2.55 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. 0.006 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30



Tgt Ion:225 Resp: 4473  
Ion Ratio Lower Upper  
225 100  
223 64.1 31.5 94.5  
227 63.9 32.1 96.3





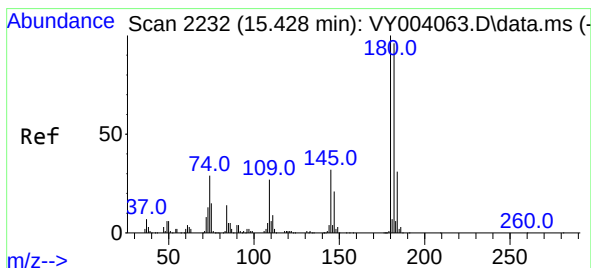
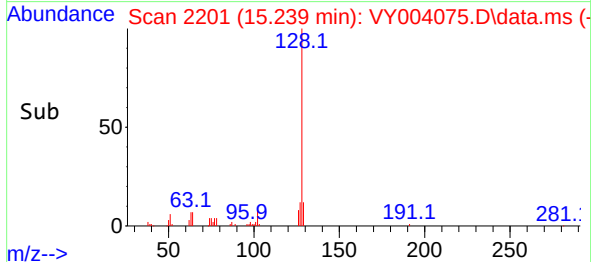
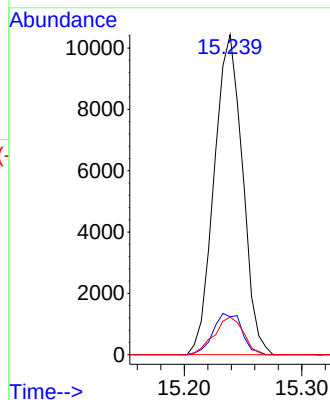
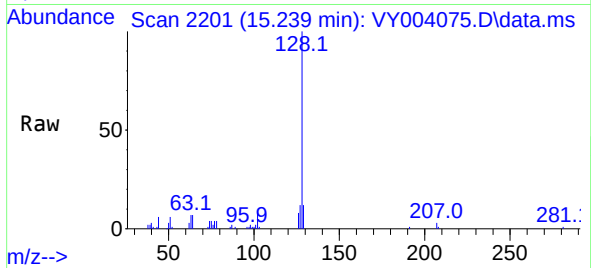
#95  
Naphthalene  
Concen: 2.82 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 17479 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.2  | 10.6  | 16.0  |
| 129      | 12.1  | 8.7   | 13.1  |

Instrument :  
MSVOA\_Y  
ClientSampled :  
MDL04

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 2.84 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY004075.D  
Acq: 11 Mar 2021 14:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 7462  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 97.3  | 47.6  | 142.8 |
| 145      | 34.2  | 15.3  | 45.9  |

