

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY031921\  
 Data File : VY004131.D  
 Acq On : 19 Mar 2021 12:02  
 Operator : SY/MD  
 Sample : VY0319SBS01  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0319SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/22/2021 11:35:32 AM

Quant Time: Mar 20 03:12:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030821S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 08 12:28:55 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.801  | 168   | 203197   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 315465   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.496 | 117   | 285337   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 147700   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.155  | 65    | 101658   | 50.70    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 101.40%  |
| 35) Dibromofluoromethane     | 7.728  | 113   | 96265    | 54.11    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 108.22%  |
| 50) Toluene-d8               | 10.185 | 98    | 358549   | 51.41    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 102.82%  |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 130945   | 50.84    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 101.68%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.912  | 85    | 37038    | 23.72    | ug/l   | 96       |
| 3) Chloromethane             | 2.119  | 50    | 41458    | 18.74    | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.259  | 62    | 48082    | 19.58    | ug/l   | 99       |
| 5) Bromomethane              | 2.650  | 94    | 35525    | 22.64    | ug/l   | 97       |
| 6) Chloroethane              | 2.802  | 64    | 30442    | 20.36    | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.137  | 101   | 68192    | 20.89    | ug/l   | 99       |
| 8) Diethyl Ether             | 3.546  | 74    | 21603    | 20.65    | ug/l   | 83       |
| 9) 1,1,2-Trichlorotrifluo... | 3.918  | 101   | 37863    | 20.74    | ug/l   | 97       |
| 10) Methyl Iodide            | 4.101  | 142   | 38531    | 20.65    | ug/l   | 98       |
| 11) Tert butyl alcohol       | 4.978  | 59    | 17969    | 99.11    | ug/l # | 90       |
| 12) 1,1-Dichloroethene       | 3.881  | 96    | 34961    | 19.57    | ug/l   | 95       |
| 13) Acrolein                 | 3.747  | 56    | 13304    | 73.98    | ug/l   | 98       |
| 14) Allyl chloride           | 4.497  | 41    | 53548    | 18.12    | ug/l # | 89       |
| 15) Acrylonitrile            | 5.180  | 53    | 49665    | 95.52    | ug/l   | 100      |
| 16) Acetone                  | 3.960  | 43    | 41730    | 86.22    | ug/l # | 87       |
| 17) Carbon Disulfide         | 4.204  | 76    | 102509   | 19.51    | ug/l   | 99       |
| 18) Methyl Acetate           | 4.497  | 43    | 22051    | 18.44    | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.235  | 73    | 103622   | 20.37    | ug/l   | 97       |
| 20) Methylene Chloride       | 4.735  | 84    | 49061    | 22.43    | ug/l   | 91       |
| 21) trans-1,2-Dichloroethene | 5.235  | 96    | 41067    | 20.46    | ug/l   | 89       |
| 22) Diisopropyl ether        | 6.137  | 45    | 116353   | 18.66    | ug/l   | 94       |
| 23) Vinyl Acetate            | 6.076  | 43    | 384512   | 93.65    | ug/l # | 95       |
| 24) 1,1-Dichloroethane       | 6.033  | 63    | 67911    | 19.61    | ug/l   | 99       |
| 25) 2-Butanone               | 7.003  | 43    | 63874    | 91.54    | ug/l   | 93       |
| 26) 2,2-Dichloropropane      | 6.996  | 77    | 64922    | 19.63    | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.003  | 96    | 47413    | 20.75    | ug/l   | 90       |
| 28) Bromochloromethane       | 7.350  | 49    | 30245    | 20.00    | ug/l   | 87       |
| 29) Tetrahydrofuran          | 7.356  | 42    | 42109    | 92.90    | ug/l   | 92       |
| 30) Chloroform               | 7.521  | 83    | 73985    | 20.62    | ug/l   | 99       |
| 31) Cyclohexane              | 7.795  | 56    | 66183    | 18.82    | ug/l # | 88       |
| 32) 1,1,1-Trichloroethane    | 7.710  | 97    | 67981    | 20.42    | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.923  | 75    | 56565    | 20.41    | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.088  | 43    | 28612    | 19.16    | ug/l # | 96       |
| 38) Carbon Tetrachloride     | 7.911  | 117   | 61384    | 20.88    | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.191  | 83    | 71921    | 20.09    | ug/l   | 92       |
| 40) Benzene                  | 8.173  | 78    | 159162   | 20.39    | ug/l   | 96       |

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 Operator : SY/MD  
 Sample : VY0319SBS01  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0319SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/22/2021 11:35:32 AM

Quant Time: Mar 20 03:12:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030821S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 08 12:28:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 20022m   | 21.64  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 49407    | 20.70  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 56689    | 18.92  | ug/l   | 96       |
| 44) Trichloroethene           | 8.947  | 130  | 50140    | 22.18  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 39448    | 20.24  | ug/l   | 97       |
| 46) Dibromomethane            | 9.313  | 93   | 23437    | 21.03  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.502  | 83   | 57467    | 20.66  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.301  | 41   | 26418    | 18.56  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 5736     | 404.33 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 146322   | 96.45  | ug/l   | 97       |
| 52) Toluene                   | 10.246 | 92   | 105337   | 20.83  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 58967    | 20.09  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 66066    | 20.09  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 33958    | 21.67  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 43099    | 19.67  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 56675    | 21.12  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 109424   | 117.93 | ug/l   | 94       |
| 59) 2-Hexanone                | 10.837 | 43   | 99276    | 93.14  | ug/l   | 95       |
| 60) Dibromochloromethane      | 10.990 | 129  | 41923    | 21.31  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 32727    | 21.45  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 56910    | 23.83  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.520 | 112  | 116753   | 21.35  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 42914    | 20.98  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 204797   | 20.40  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 159979   | 41.78  | ug/l   | 95       |
| 69) o-Xylene                  | 12.032 | 106  | 76711    | 21.20  | ug/l   | 92       |
| 70) Styrene                   | 12.044 | 104  | 127831   | 20.62  | ug/l   | 98       |
| 71) Bromoform                 | 12.209 | 173  | 25778    | 21.06  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 207323   | 20.20  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.148 | 43   | 52028    | 17.70  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 32653    | 18.31  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 26801m   | 18.92  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 49940    | 21.06  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 240028   | 19.85  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 134816   | 19.86  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 175970   | 20.21  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 13487    | 18.79  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 141065   | 19.63  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 153528   | 20.49  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 176253   | 20.21  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 209625   | 20.29  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 194759   | 20.34  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 95955    | 20.96  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 97299    | 21.29  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 180132   | 19.77  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.965 | 117  | 33829    | 19.66  | ug/l   | 85       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 86797    | 21.38  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 6698     | 19.88  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 59166    | 21.49  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 32342    | 20.95  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 115892   | 21.24  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 50434    | 21.78  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY031921\  
Data File : VY004131.D  
Acq On : 19 Mar 2021 12:02  
Operator : SY/MD  
Sample : VY0319SBSD01  
Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBSD01

Manual Integrations  
APPROVED

MMDadoda  
3/22/2021 11:35:32 AM

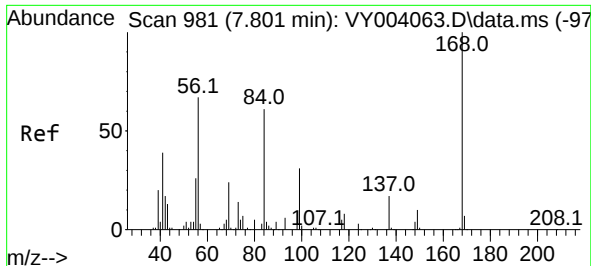
Quant Time: Mar 20 03:12:04 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030821S.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 08 12:28:55 2021  
Response via : Initial Calibration

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

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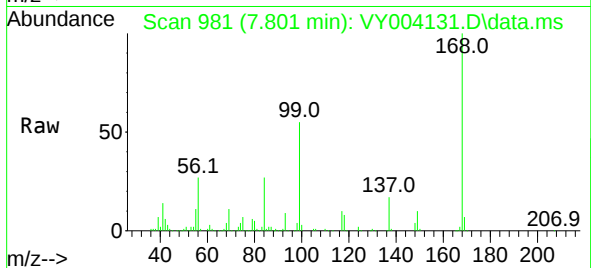
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

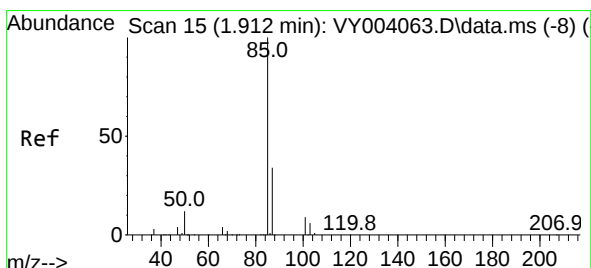
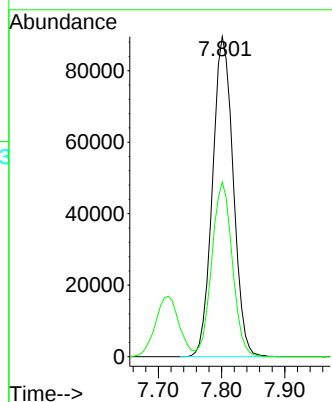
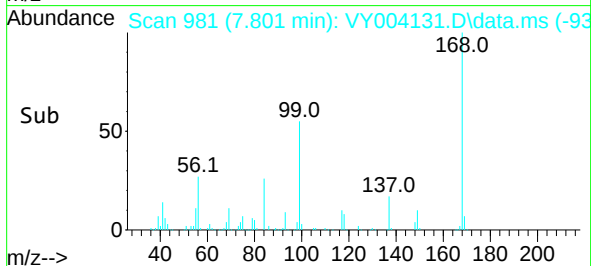
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01



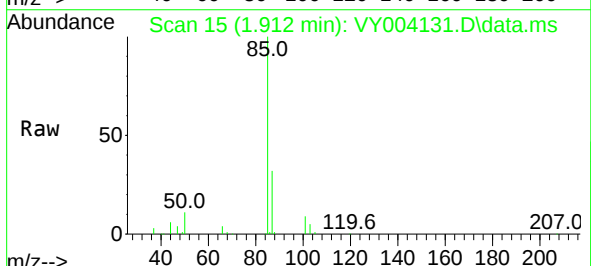
Tgt Ion:168 Resp: 203197  
Ion Ratio Lower Upper  
168 100  
99 54.6 41.2 61.8

Manual Integrations  
APPROVED

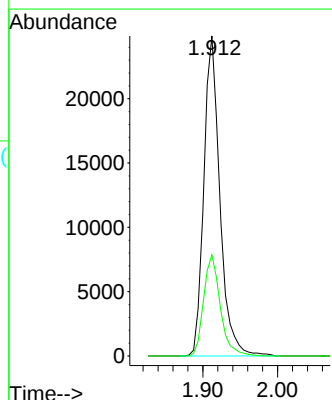
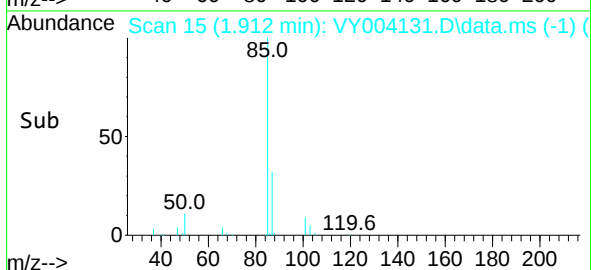
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3/22/2021 11:35:32 AM

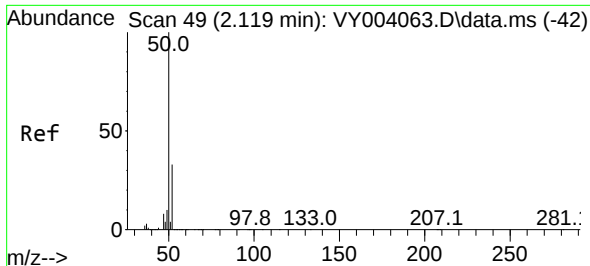


#2  
Dichlorodifluoromethane  
Concen: 23.72 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



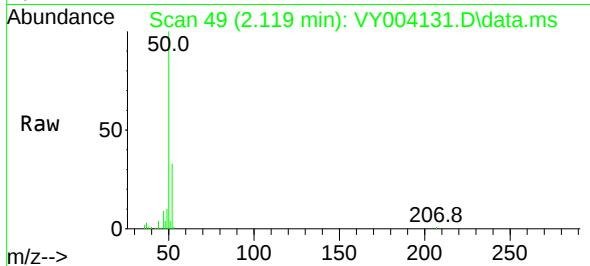
Tgt Ion: 85 Resp: 37038  
Ion Ratio Lower Upper  
85 100  
87 31.6 17.0 51.0



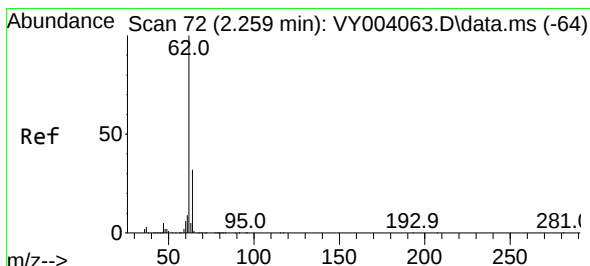
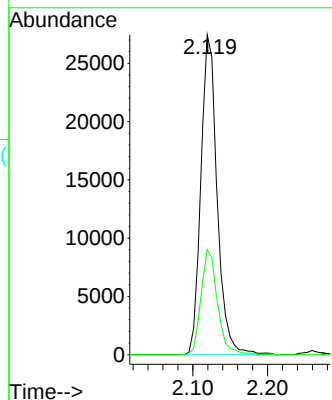
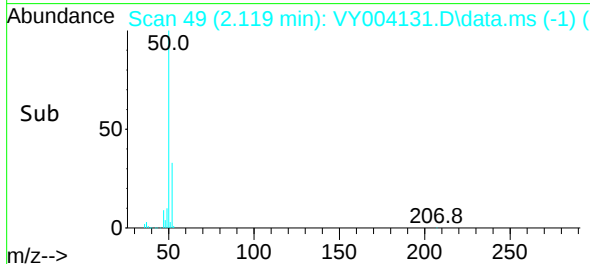


#3  
Chloromethane  
Concen: 18.74 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

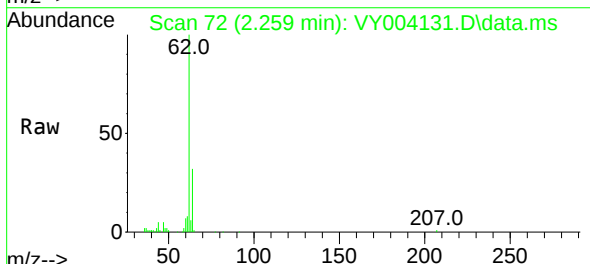
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01



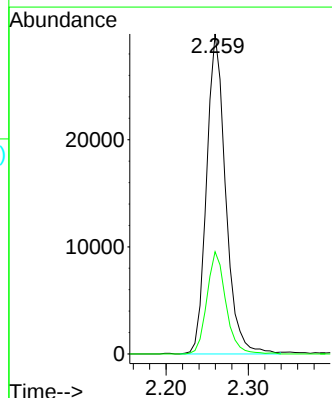
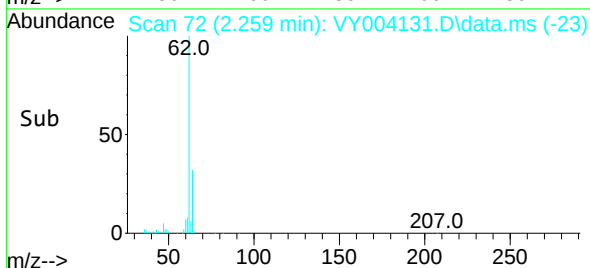
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Ion Ratio Lower Upper  
50 100  
52 32.8 25.4 38.2

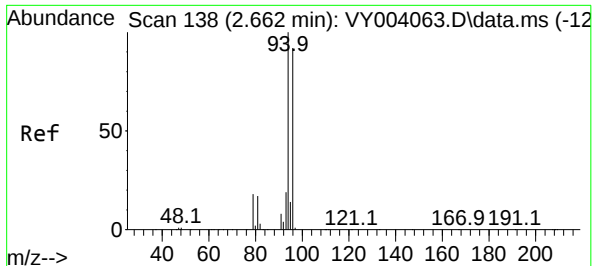


#4  
Vinyl Chloride  
Concen: 19.58 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

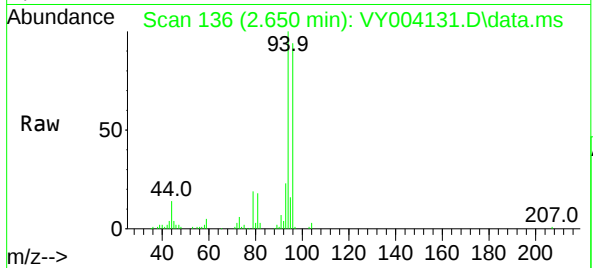


Tgt Ion: 62 Resp: 48082  
Ion Ratio Lower Upper  
62 100  
64 32.0 25.3 37.9

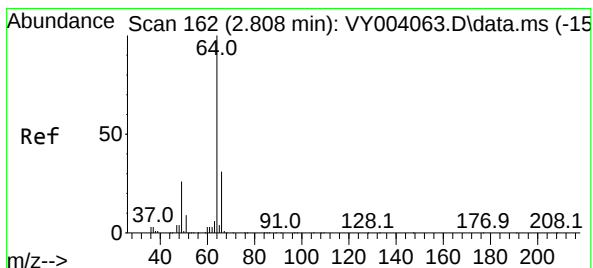
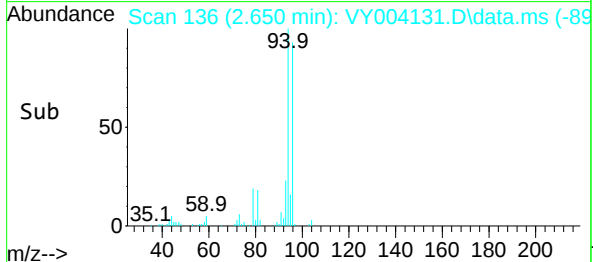
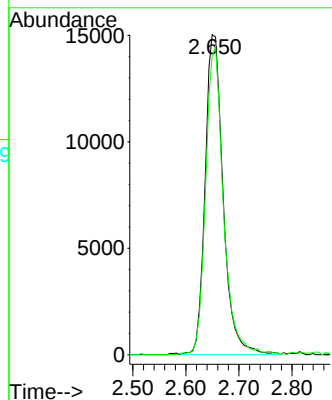




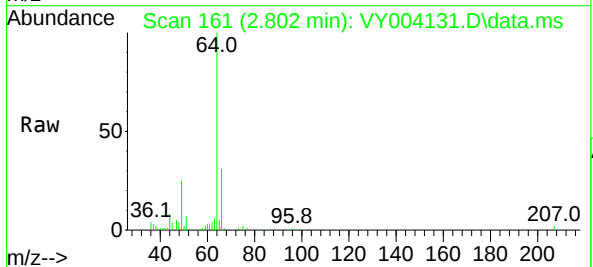
#5  
Bromomethane  
Concen: 22.64 ug/l  
RT: 2.650 min Scan# 136  
Delta R.T. -0.012 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



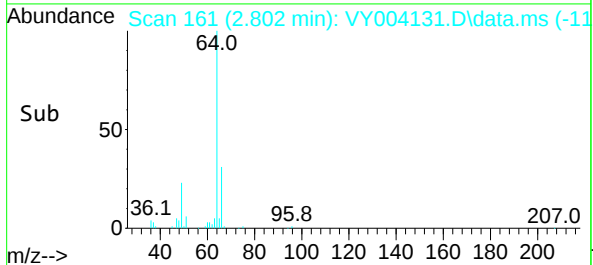
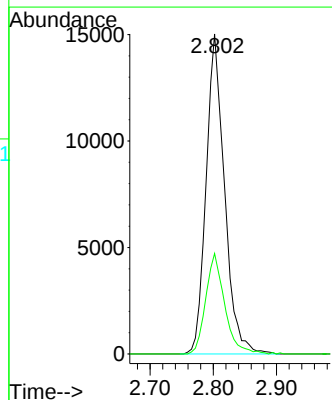
Tgt Ion: 94 Resp: 35525  
Ion Ratio Lower Upper  
94 100  
96 93.6 77.4 116.2



#6  
Chloroethane  
Concen: 20.36 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



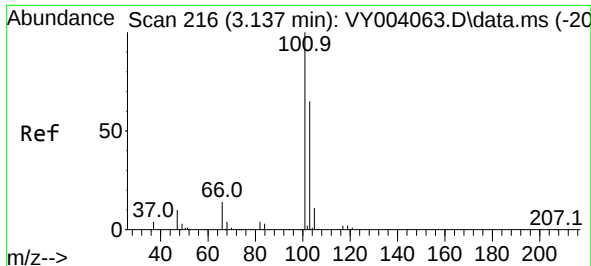
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Ion Ratio Lower Upper  
64 100  
66 31.4 25.0 37.6



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

Manual Integrations  
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MMDadoda  
3/22/2021 11:35:32 AM



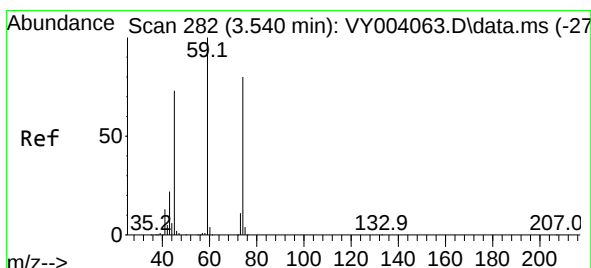
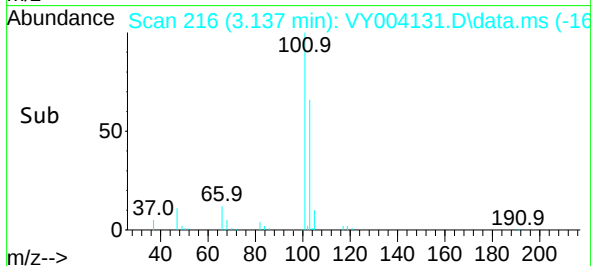
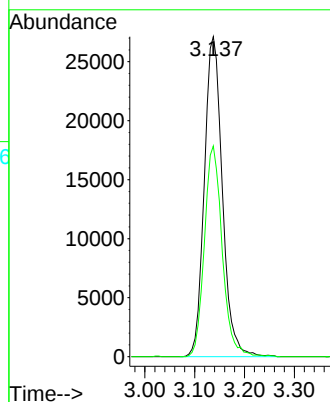
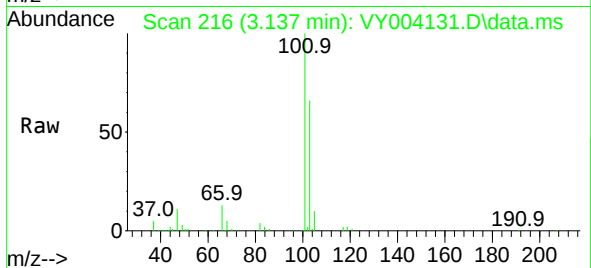
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Trichlorofluoromethane  
Concen: 20.89 ug/l  
RT: 3.137 min Scan# 216  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion:101 Resp: 68192  
Ion Ratio Lower Upper  
101 100  
103 65.8 52.2 78.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

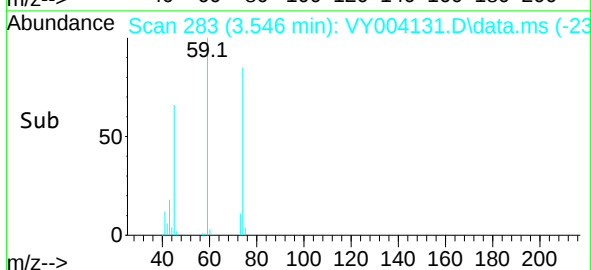
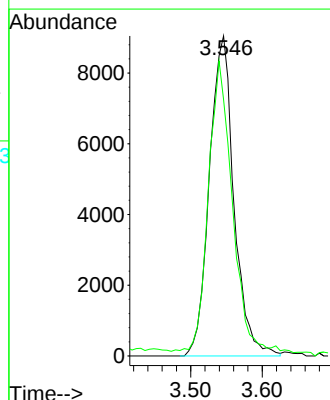
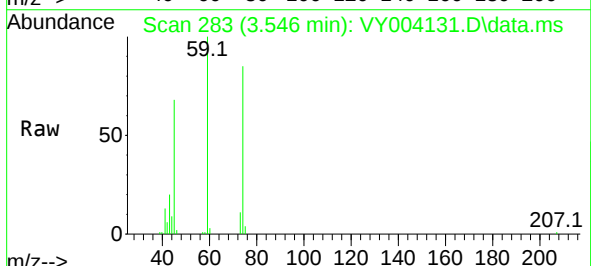
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#8  
Diethyl Ether  
Concen: 20.65 ug/l  
RT: 3.546 min Scan# 283  
Delta R.T. 0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 74 Resp: 21603  
Ion Ratio Lower Upper  
74 100  
45 88.2 52.6 157.8





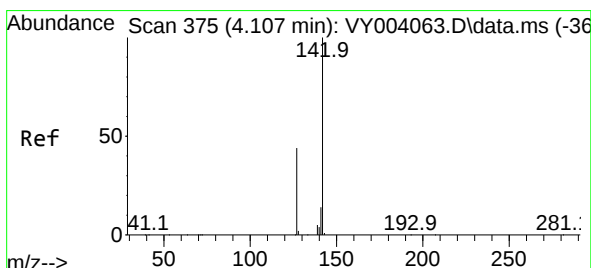
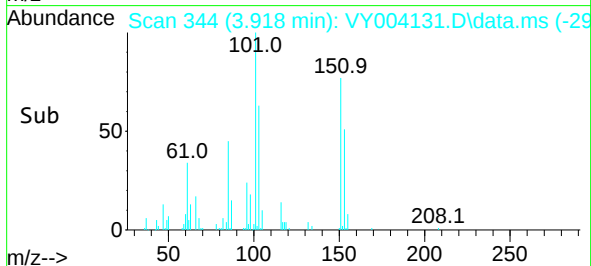
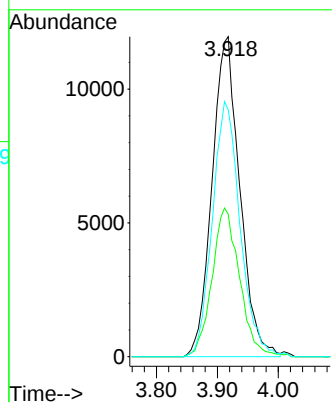
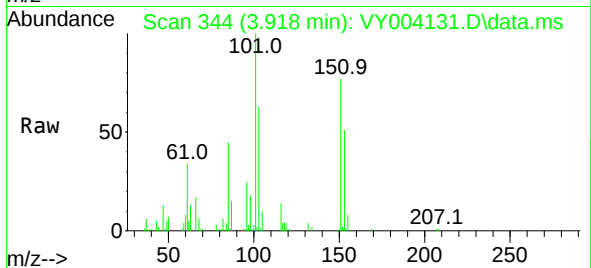
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.74 ug/l  
RT: 3.918 min Scan# 344  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion:101 Resp: 37863  
Ion Ratio Lower Upper  
101 100  
85 46.1 36.1 54.1  
151 79.8 66.9 100.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

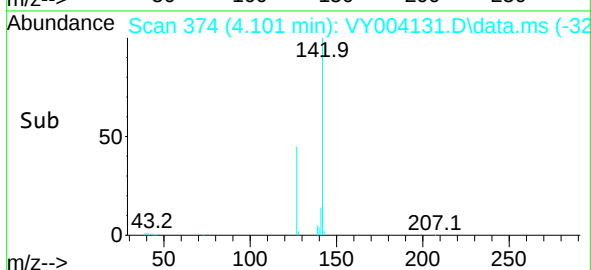
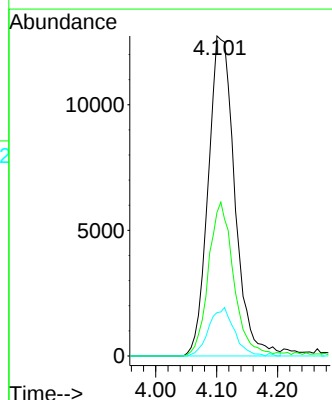
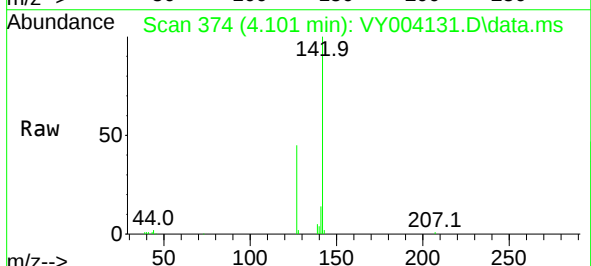
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#10  
Methyl Iodide  
Concen: 20.65 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

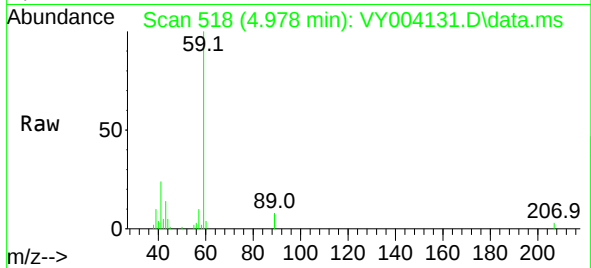
Tgt Ion:142 Resp: 38531  
Ion Ratio Lower Upper  
142 100  
127 45.9 35.4 53.0  
141 14.4 11.5 17.3





#11  
Tert butyl alcohol  
Concen: 99.11 ug/l  
RT: 4.978 min Scan# 518  
Delta R.T. 0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

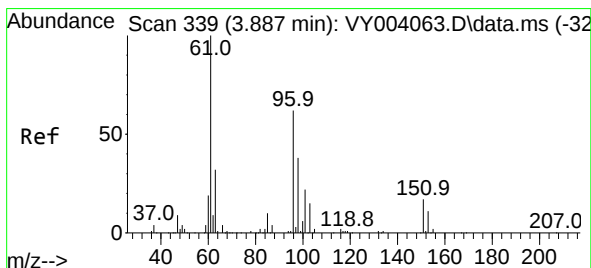
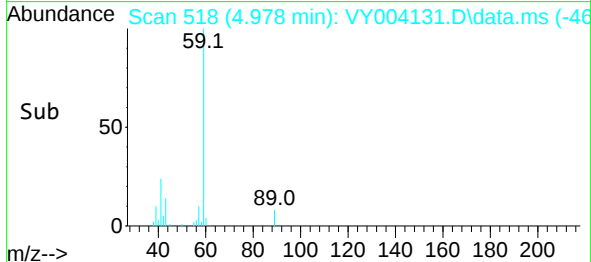
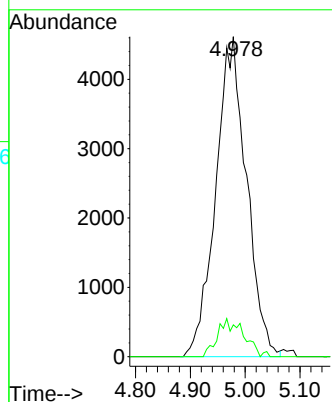
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01



Tgt Ion: 59 Resp: 17969  
Ion Ratio Lower Upper  
59 100  
57 5.0 6.9 10.3#

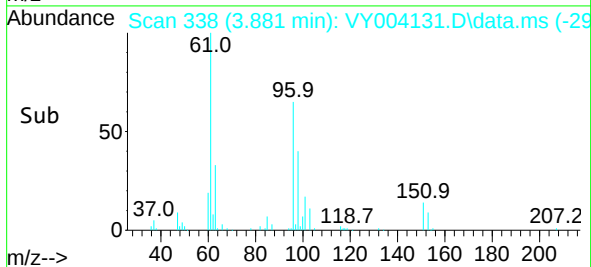
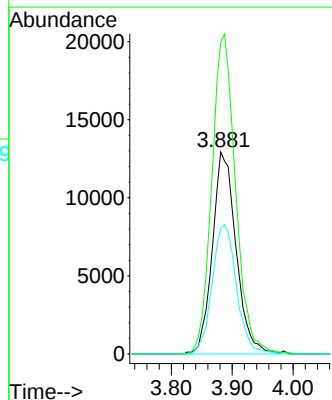
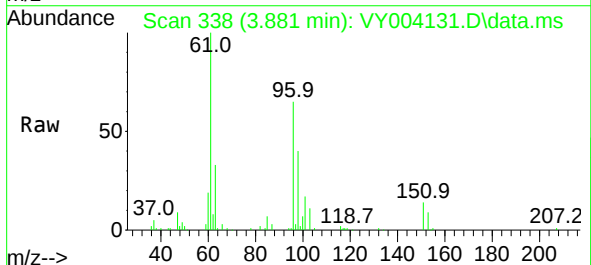
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#12  
1,1-Dichloroethene  
Concen: 19.57 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

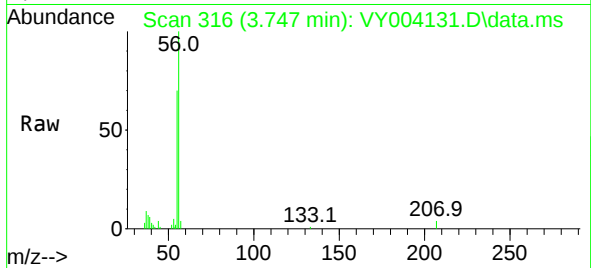
Tgt Ion: 96 Resp: 34961  
Ion Ratio Lower Upper  
96 100  
61 154.2 130.7 196.1  
98 62.0 48.9 73.3





#13  
Acrolein  
Concen: 73.98 ug/l  
RT: 3.747 min Scan# 316  
Delta R.T. 0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

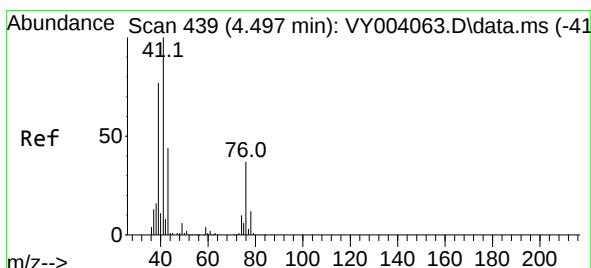
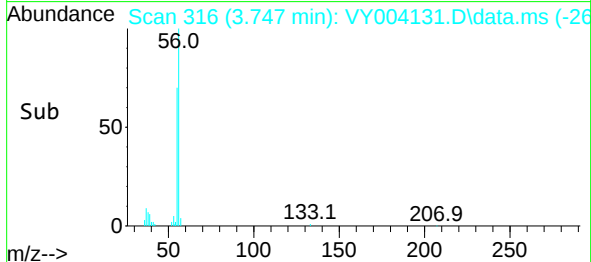
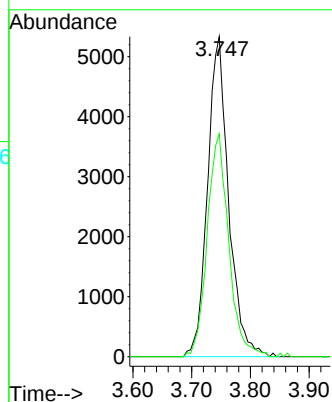
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01



Tgt Ion: 56 Resp: 13304  
Ion Ratio Lower Upper  
56 100  
55 71.1 55.4 83.0

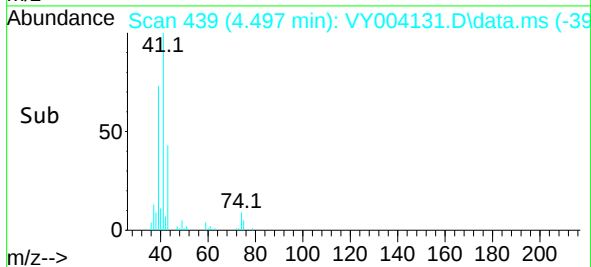
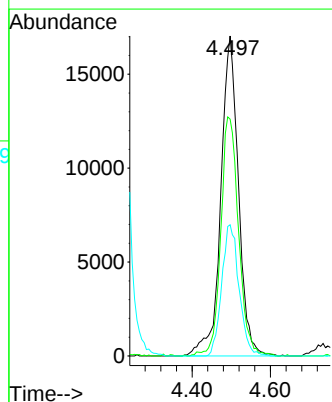
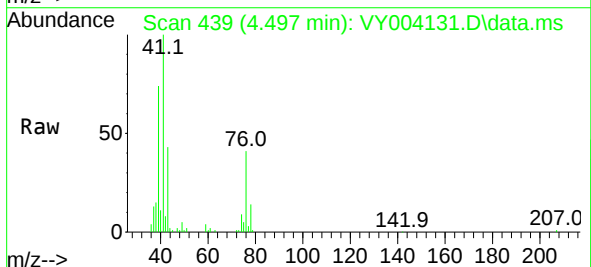
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#14  
Allyl chloride  
Concen: 18.12 ug/l  
RT: 4.497 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

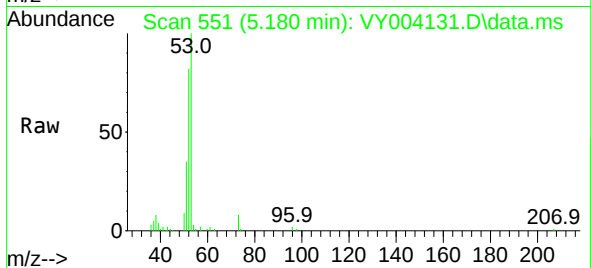
Tgt Ion: 41 Resp: 53548  
Ion Ratio Lower Upper  
41 100  
39 75.1 54.0 81.0  
76 40.1 26.1 39.1#





#15  
Acrylonitrile  
Concen: 95.52 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

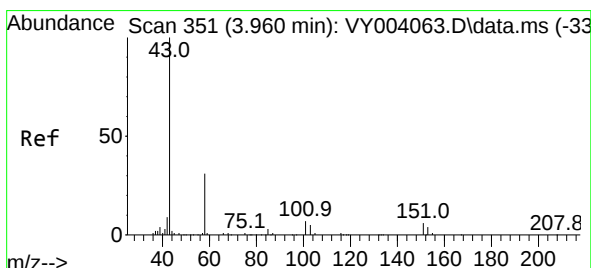
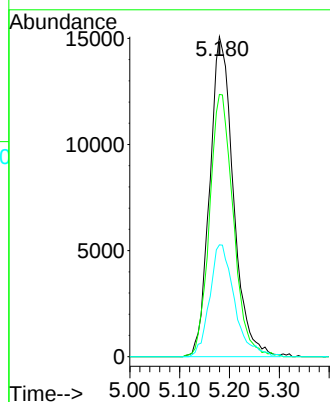
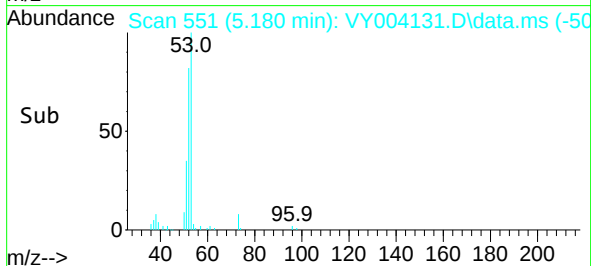
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01



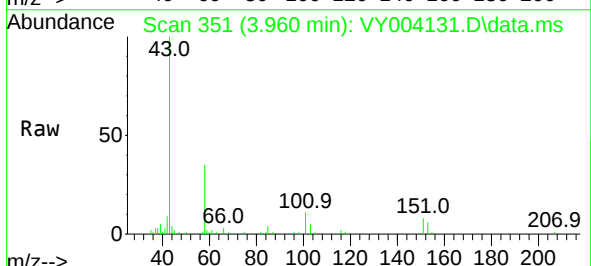
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.6  | 66.2  | 99.4  |
| 51      | 36.8  | 29.5  | 44.3  |

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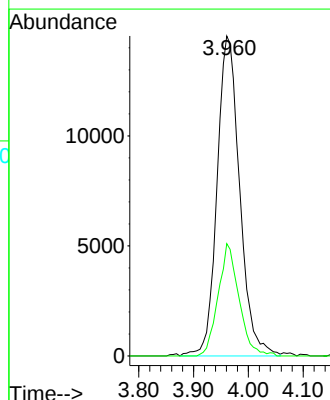
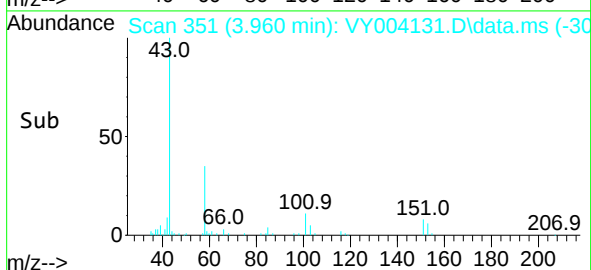
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#16  
Acetone  
Concen: 86.22 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



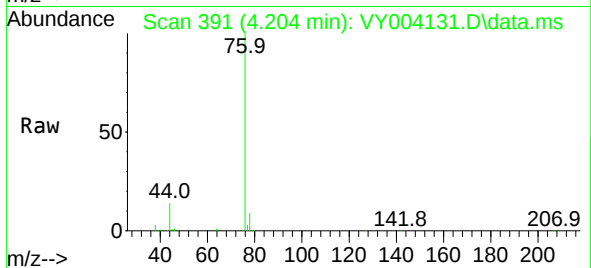
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 35.1  | 22.6  | 34.0# |





#17  
Carbon Disulfide  
Concen: 19.51 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

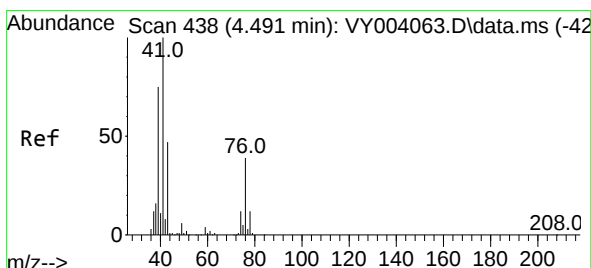
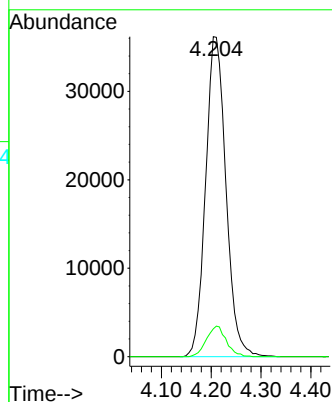
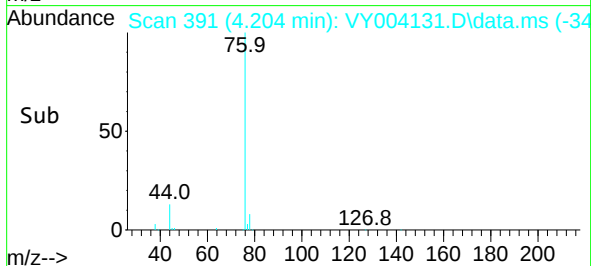
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01



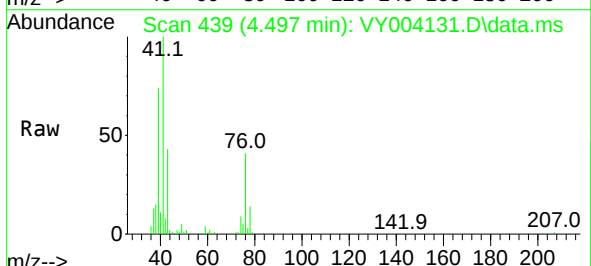
Tgt Ion: 76 Resp: 102509  
Ion Ratio Lower Upper  
76 100  
78 8.7 6.8 10.2

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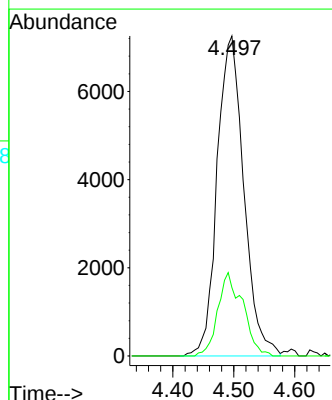
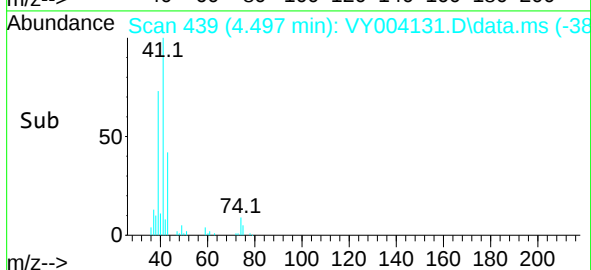
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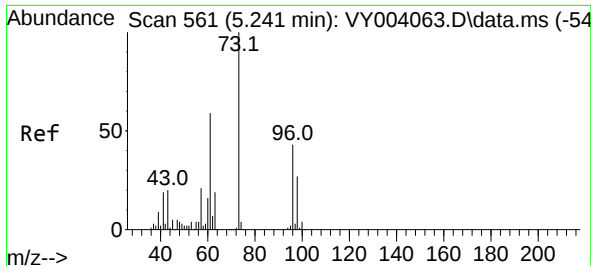


#18  
Methyl Acetate  
Concen: 18.44 ug/l  
RT: 4.497 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



Tgt Ion: 43 Resp: 22051  
Ion Ratio Lower Upper  
43 100  
74 24.5 17.6 26.4





#19

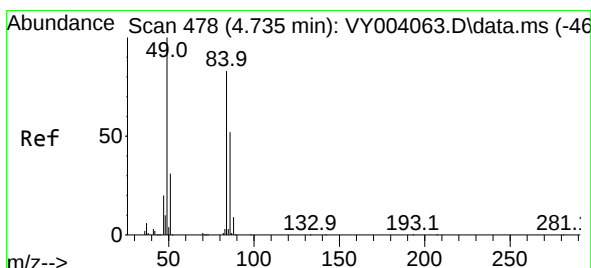
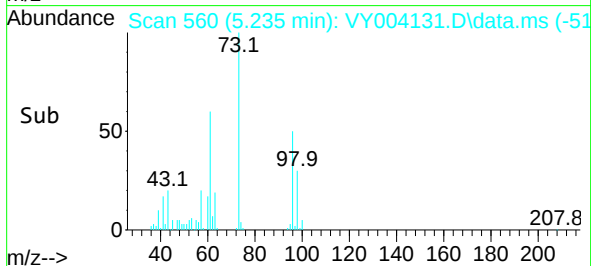
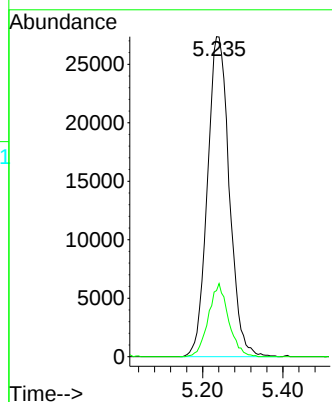
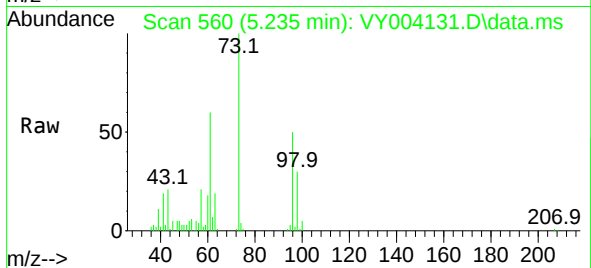
Methyl tert-butyl Ether  
Concen: 20.37 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 73 Resp: 103622  
Ion Ratio Lower Upper  
73 100  
57 20.7 17.5 26.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

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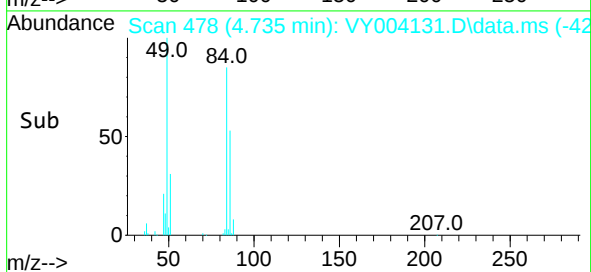
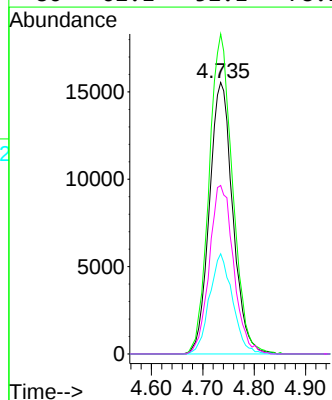
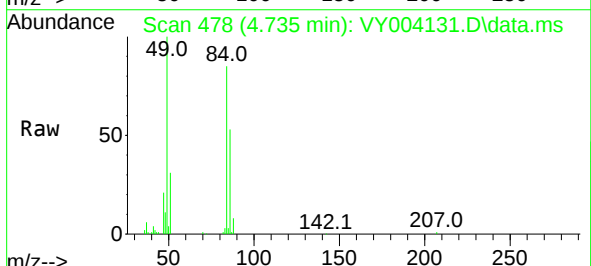
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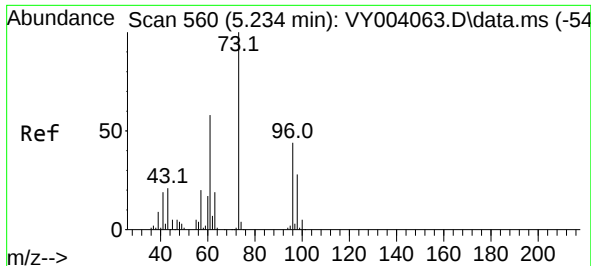


#20

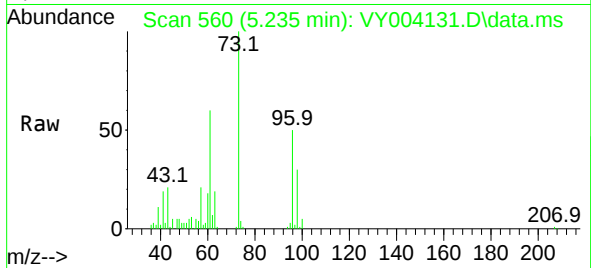
Methylene Chloride  
Concen: 22.43 ug/l  
RT: 4.735 min Scan# 478  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 84 Resp: 49061  
Ion Ratio Lower Upper  
84 100  
49 117.9 105.8 158.6  
51 36.9 32.6 48.8  
86 62.1 52.1 78.1

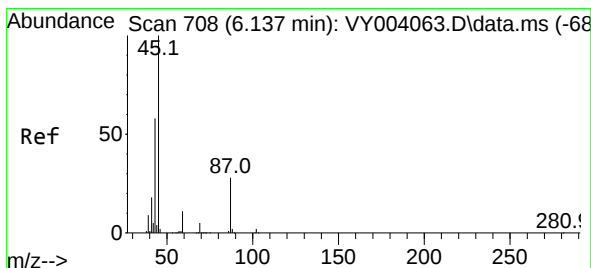
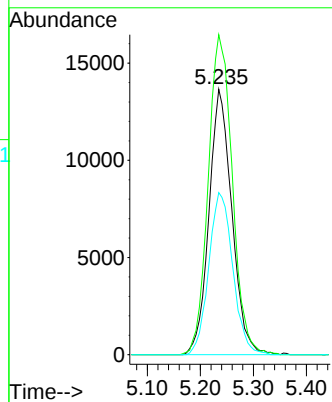
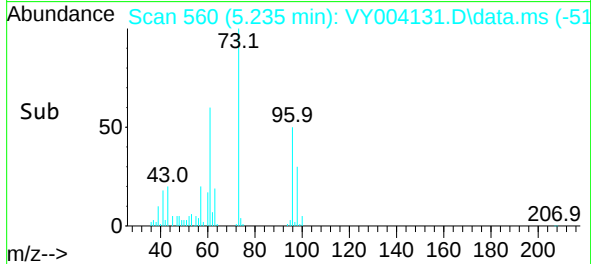




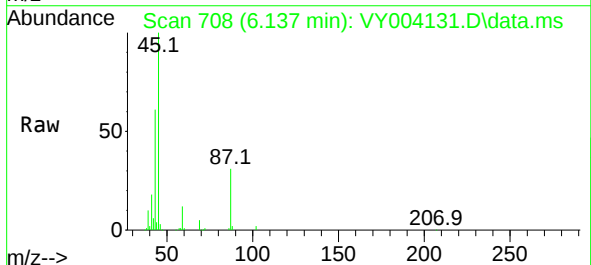
#21  
trans-1,2-Dichloroethene  
Concen: 20.46 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. 0.001 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



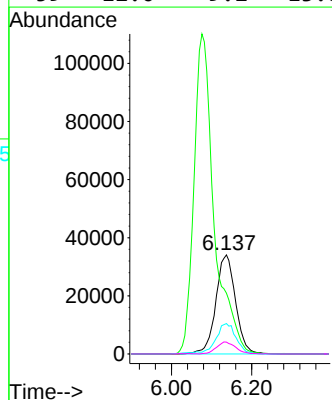
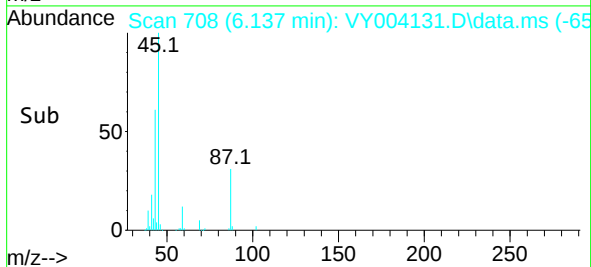
Tgt Ion: 96 Resp: 41067  
Ion Ratio Lower Upper  
96 100  
61 120.6 110.8 166.2  
98 61.1 51.0 76.6



#22  
Diisopropyl ether  
Concen: 18.66 ug/l  
RT: 6.137 min Scan# 708  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



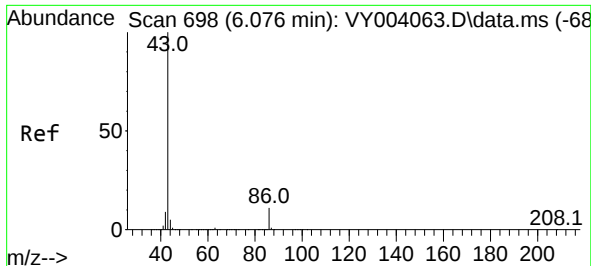
Tgt Ion: 45 Resp: 116353  
Ion Ratio Lower Upper  
45 100  
43 61.1 45.1 67.7  
87 30.8 21.0 31.4  
59 12.0 9.2 13.8



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

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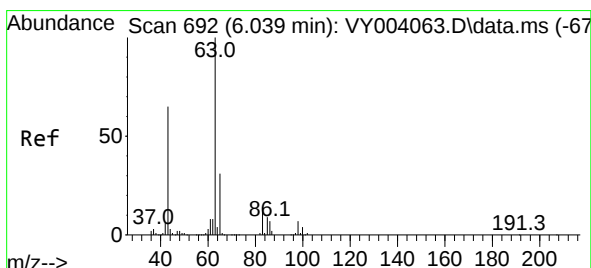
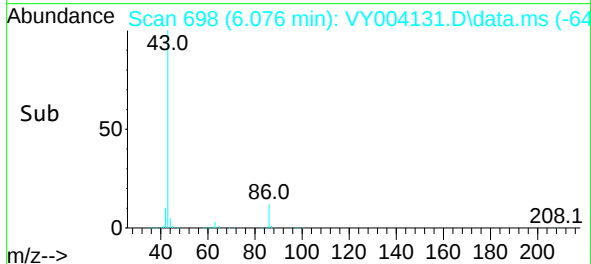
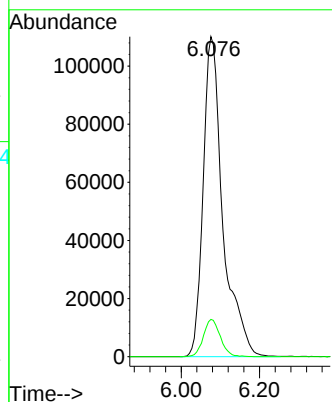
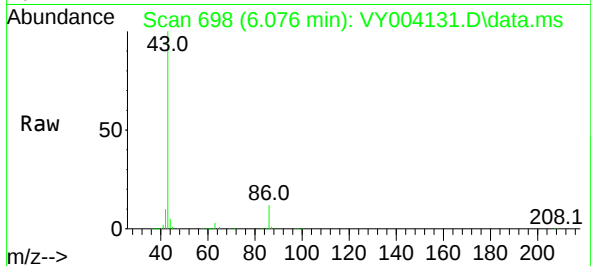
#23  
 Vinyl Acetate  
 Concen: 93.65 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. -0.000 min  
 Lab File: VY004131.D  
 Acq: 19 Mar 2021 12:02

Tgt Ion: 43 Resp: 384512  
 Ion Ratio Lower Upper  
 43 100  
 86 11.7 7.8 11.6#

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0319SBS01

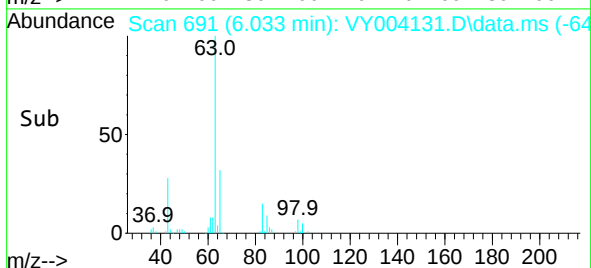
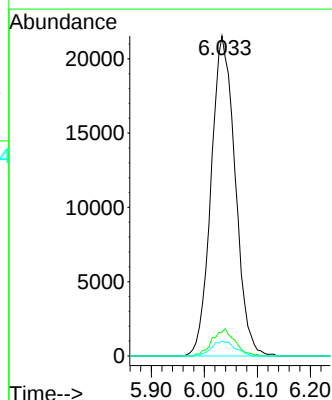
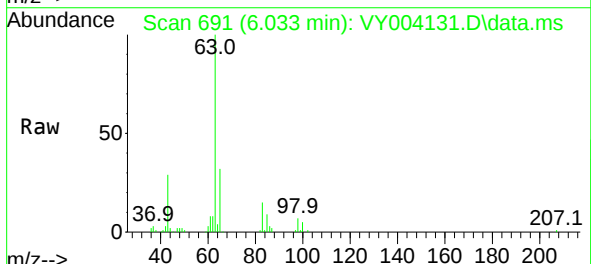
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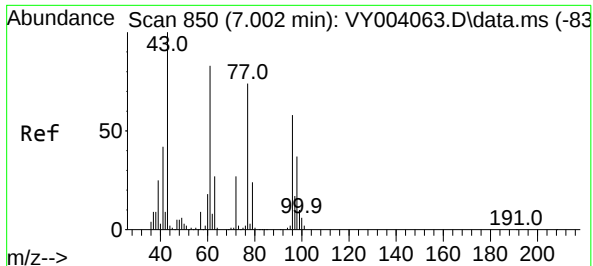
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#24  
 1,1-Dichloroethane  
 Concen: 19.61 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. -0.006 min  
 Lab File: VY004131.D  
 Acq: 19 Mar 2021 12:02

Tgt Ion: 63 Resp: 67911  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.5 10.4  
 100 4.6 2.3 6.9





#25

2-Butanone

Concen: 91.54 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.001 min

Lab File: VY004131.D

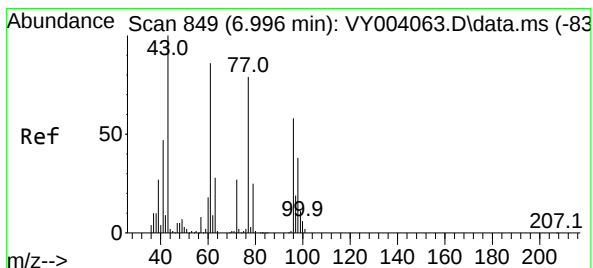
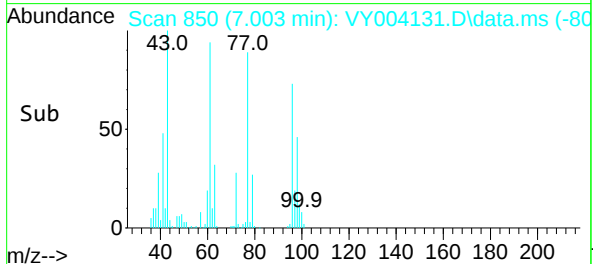
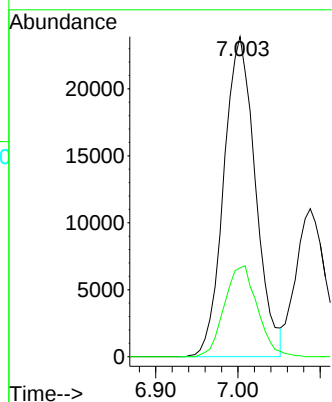
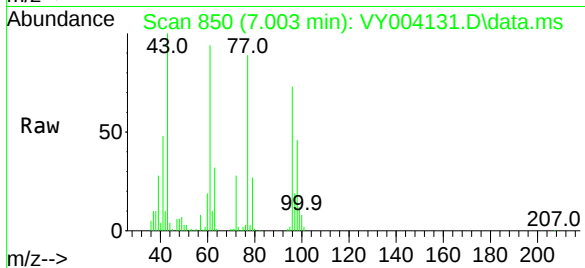
Acq: 19 Mar 2021 12:02

Tgt Ion: 43 Resp: 63874

Ion Ratio Lower Upper

43 100

72 27.8 19.4 29.0



#26

2,2-Dichloropropane

Concen: 19.63 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY004131.D

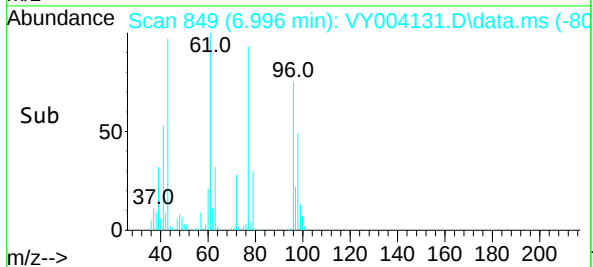
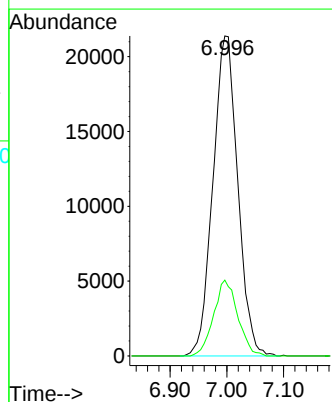
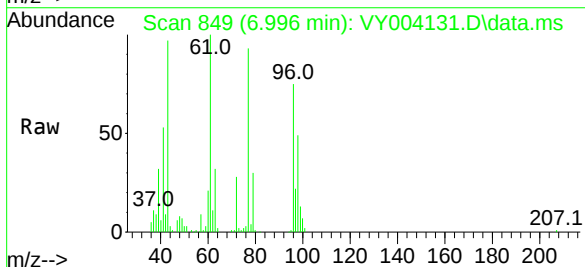
Acq: 19 Mar 2021 12:02

Tgt Ion: 77 Resp: 64922

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1



Instrument :

MSVOA\_Y

ClientSampleId :

VY0319SBS01

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#27

cis-1,2-Dichloroethene

Concen: 20.75 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.001 min

Lab File: VY004131.D

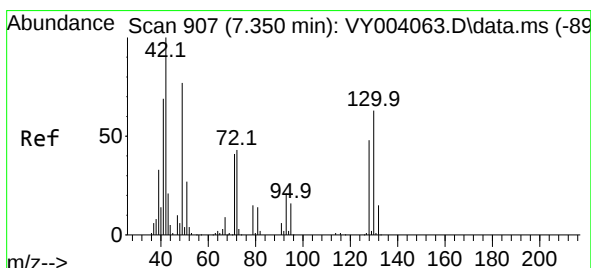
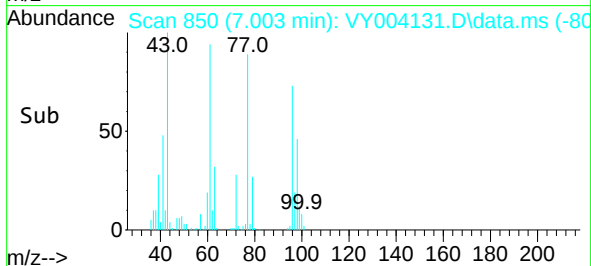
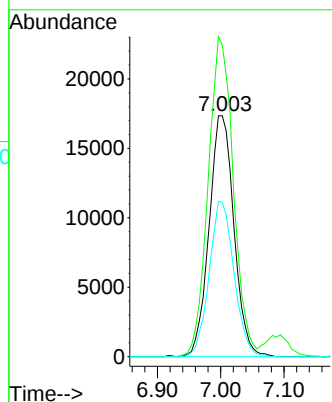
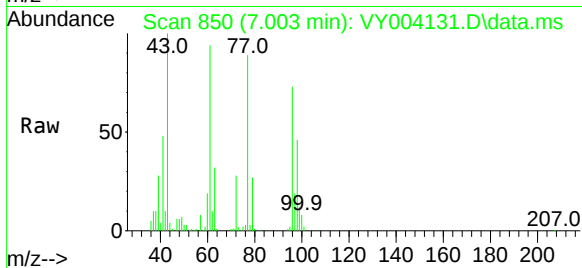
Acq: 19 Mar 2021 12:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 47413 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 134.1 | 0.0   | 303.6 |
| 98        | 64.3  | 0.0   | 130.6 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

Manual Integrations  
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#28

Bromochloromethane

Concen: 20.00 ug/l

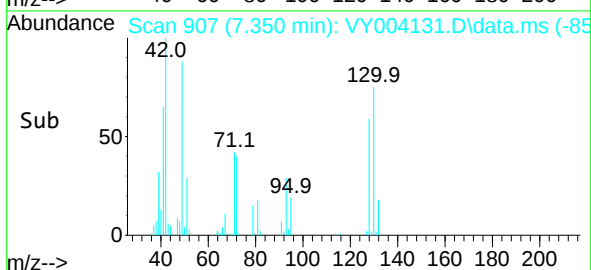
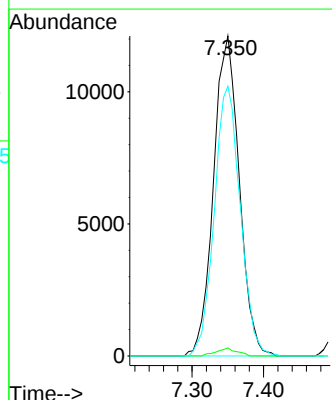
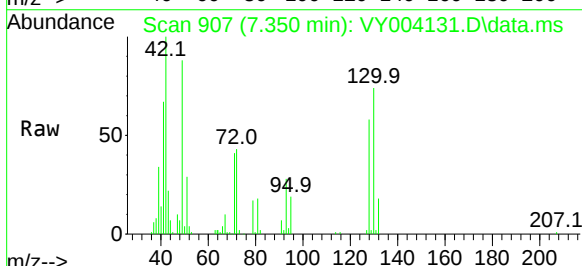
RT: 7.350 min Scan# 907

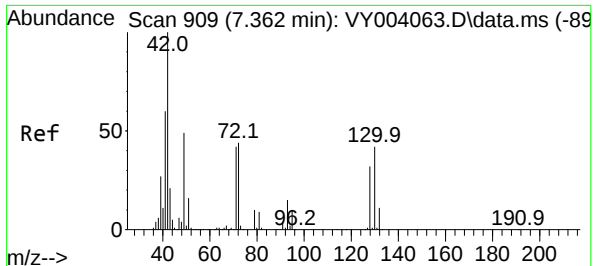
Delta R.T. 0.000 min

Lab File: VY004131.D

Acq: 19 Mar 2021 12:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 49    | Resp: | 30245 |
| Ion Ratio | Lower | Upper |       |
| 49        | 100   |       |       |
| 129       | 2.0   | 0.0   | 4.4   |
| 130       | 85.3  | 59.0  | 88.4  |





#29

Tetrahydrofuran

Concen: 92.90 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY004131.D

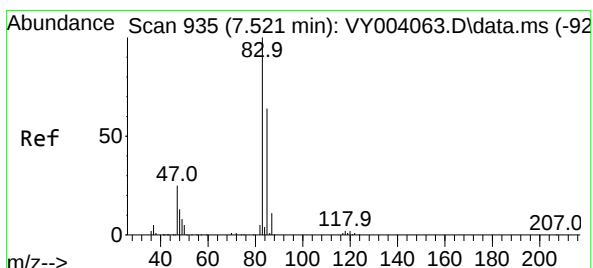
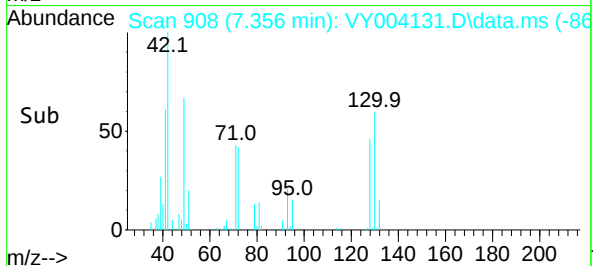
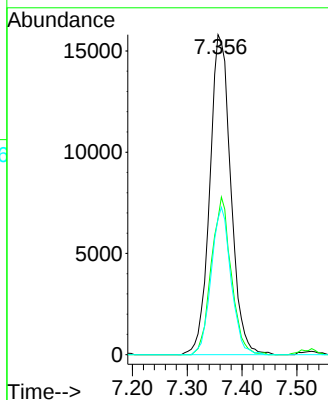
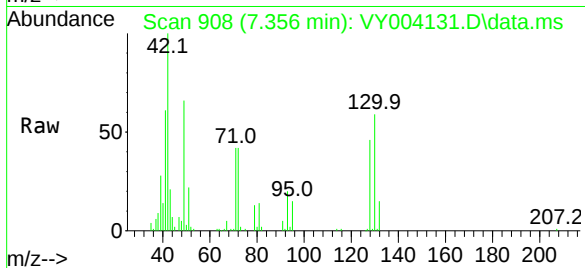
Acq: 19 Mar 2021 12:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 42109 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 46.5  | 32.6  | 48.8  |
| 71        | 43.3  | 31.0  | 46.6  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

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#30

Chloroform

Concen: 20.62 ug/l

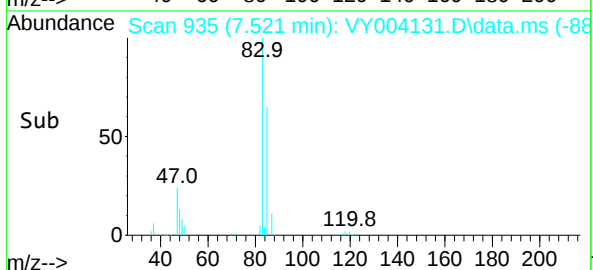
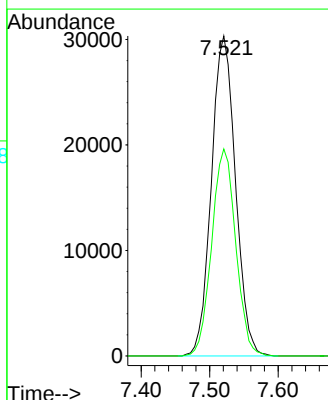
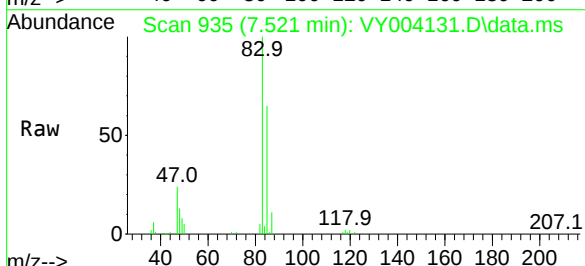
RT: 7.521 min Scan# 935

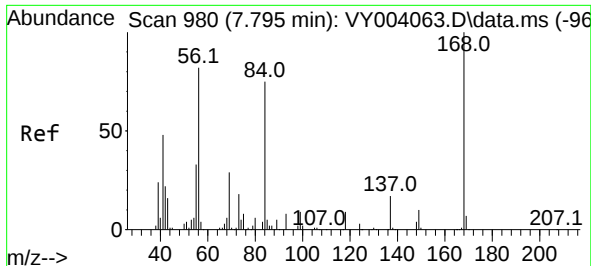
Delta R.T. -0.000 min

Lab File: VY004131.D

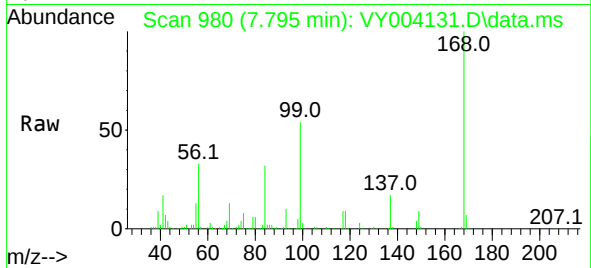
Acq: 19 Mar 2021 12:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 73985 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 64.7  | 51.0  | 76.6  |

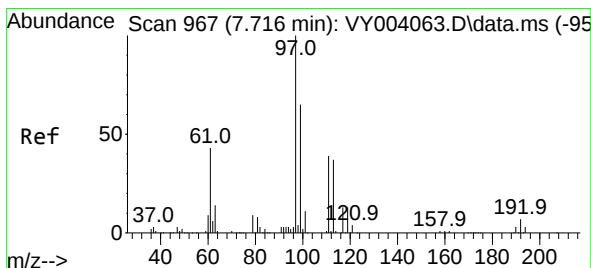
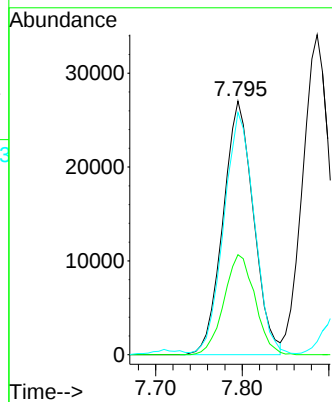
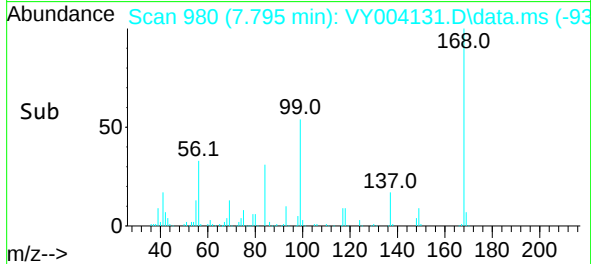




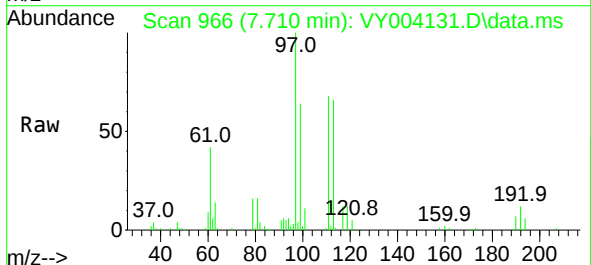
#31  
Cyclohexane  
Concen: 18.82 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



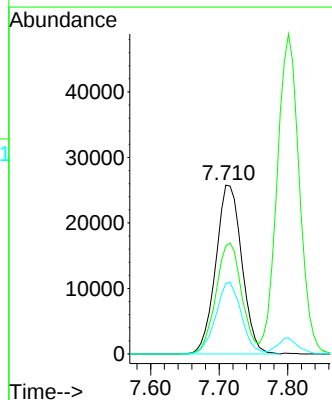
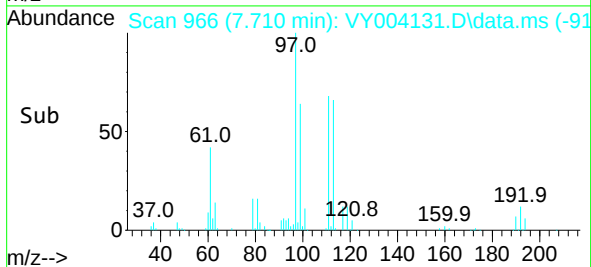
Tgt Ion: 56 Resp: 66183  
Ion Ratio Lower Upper  
56 100  
69 39.4 25.3 37.9#  
84 93.9 67.3 100.9



#32  
1,1,1-Trichloroethane  
Concen: 20.42 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



Tgt Ion: 97 Resp: 67981  
Ion Ratio Lower Upper  
97 100  
99 65.5 51.8 77.6  
61 41.5 34.5 51.7



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBSD01

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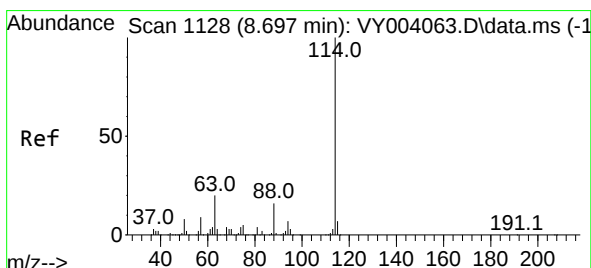
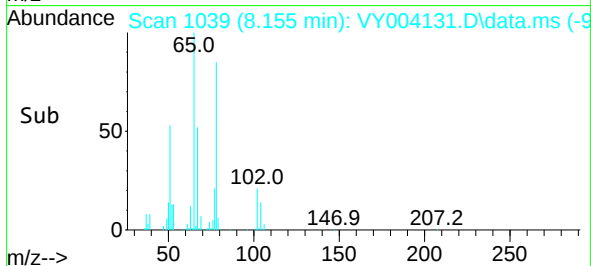
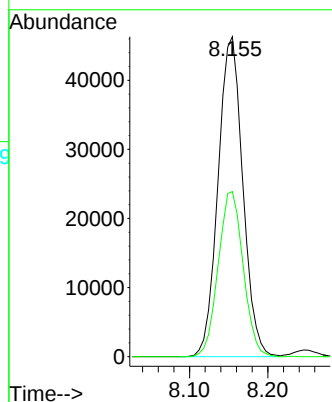
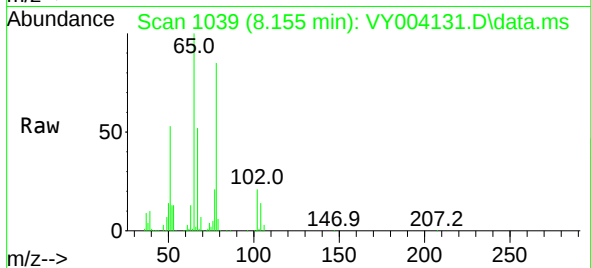
#33  
1,2-Dichloroethane-d4  
Concen: 50.70 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 65 Resp: 101658  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 101.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

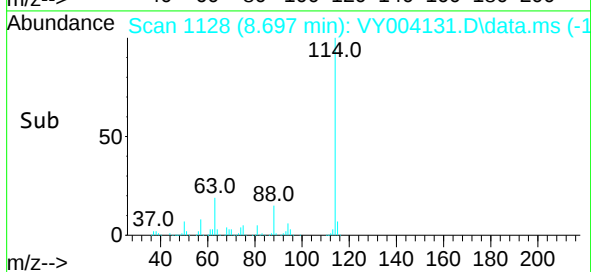
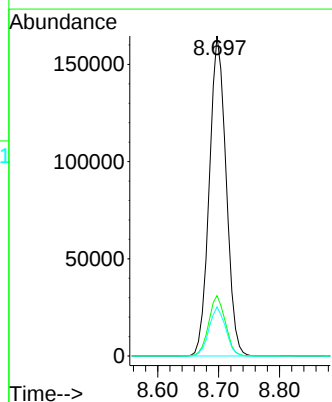
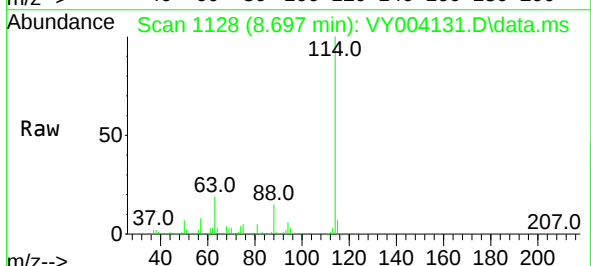
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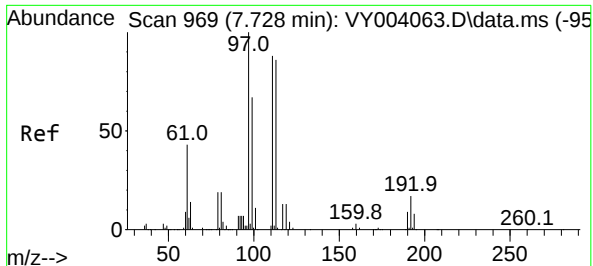
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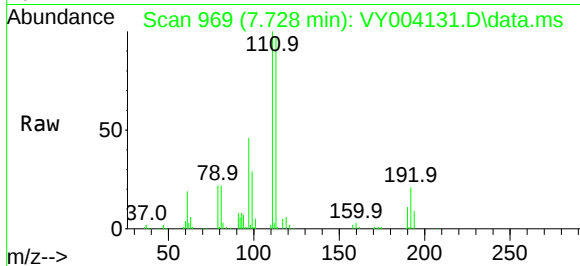
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 114 Resp: 315465  
Ion Ratio Lower Upper  
114 100  
63 18.9 0.0 41.6  
88 15.3 0.0 31.4

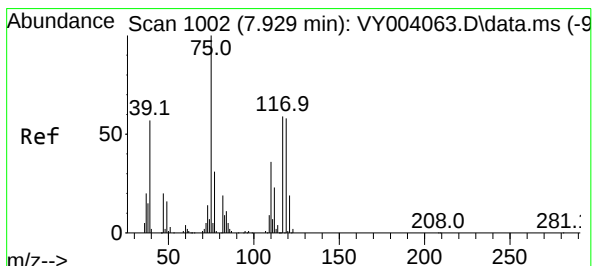
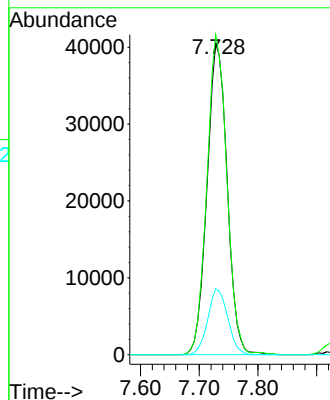
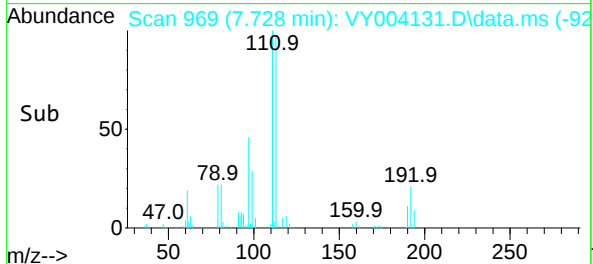




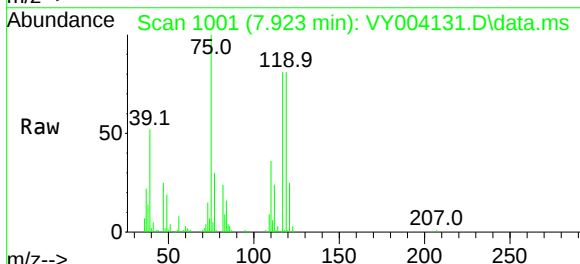
#35  
Dibromofluoromethane  
Concen: 54.11 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



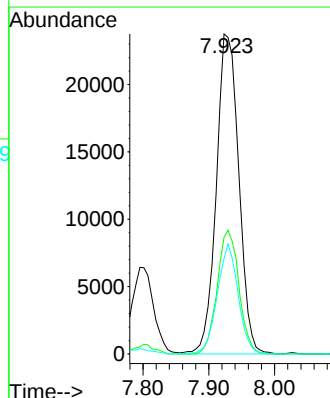
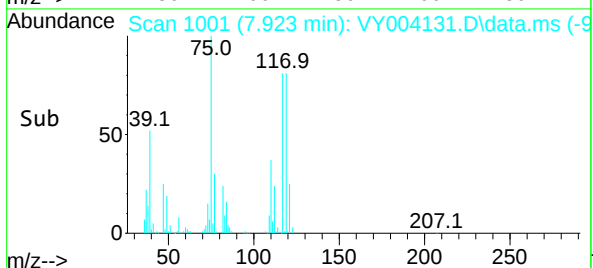
Tgt Ion: 113 Resp: 96265  
Ion Ratio Lower Upper  
113 100  
111 101.7 83.2 124.8  
192 21.0 18.5 27.7



#36  
1,1-Dichloropropene  
Concen: 20.41 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



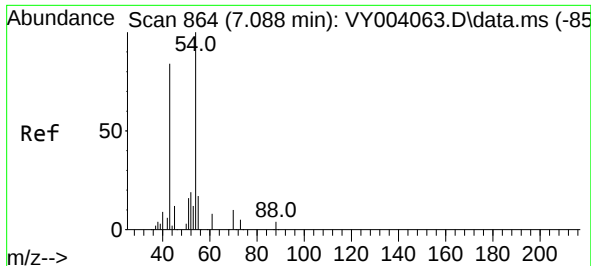
Tgt Ion: 75 Resp: 56565  
Ion Ratio Lower Upper  
75 100  
110 37.3 17.4 52.3  
77 32.0 24.5 36.7



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

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#37

Ethyl Acetate

Concen: 19.16 ug/l

RT: 7.088 min Scan# 864

Delta R.T. -0.000 min

Lab File: VY004131.D

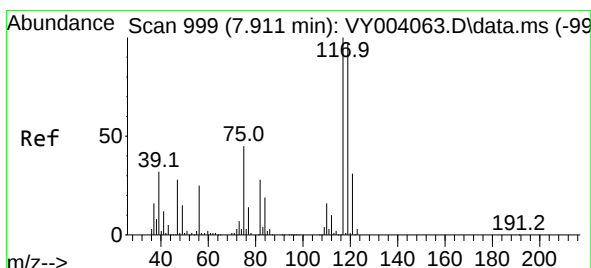
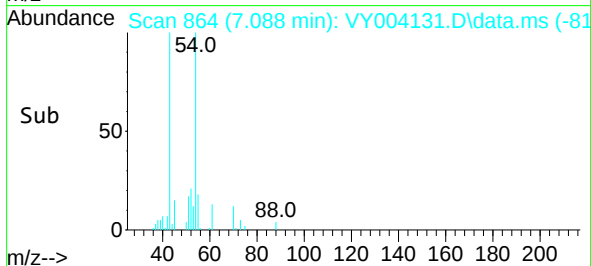
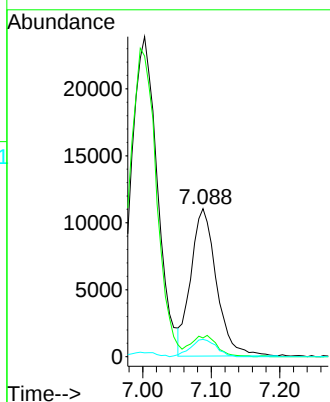
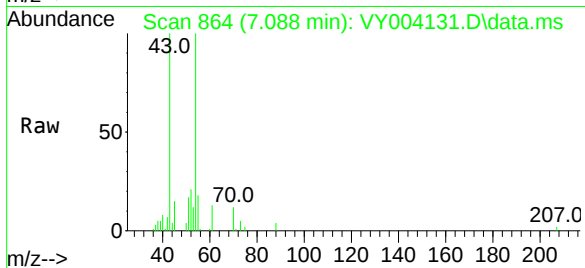
Acq: 19 Mar 2021 12:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 28612 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.5  | 10.7  | 16.1  |
| 70       | 11.8  | 7.7   | 11.5# |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

Manual Integrations  
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#38

Carbon Tetrachloride

Concen: 20.88 ug/l

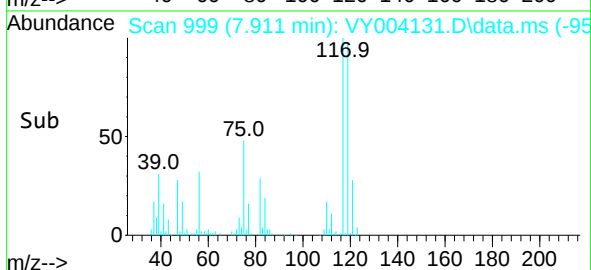
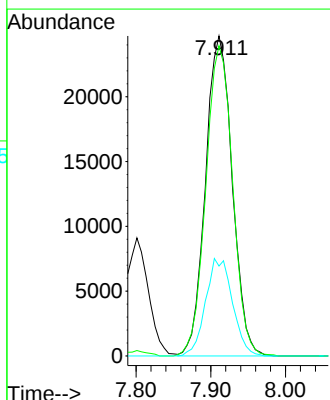
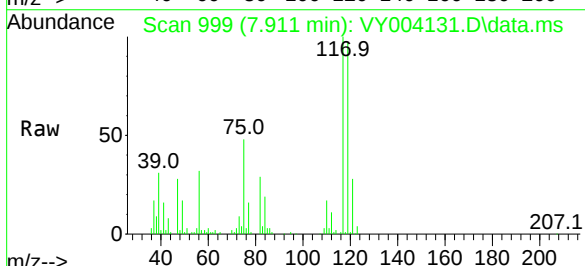
RT: 7.911 min Scan# 999

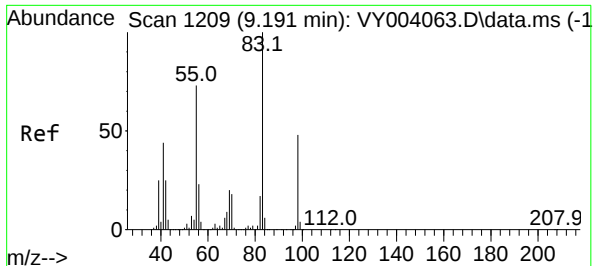
Delta R.T. -0.000 min

Lab File: VY004131.D

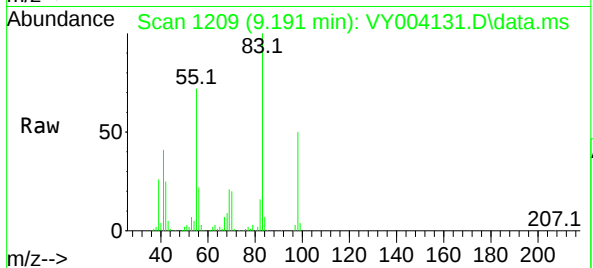
Acq: 19 Mar 2021 12:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 61384 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.0  | 75.4  | 113.0 |
| 121      | 28.1  | 24.2  | 36.2  |

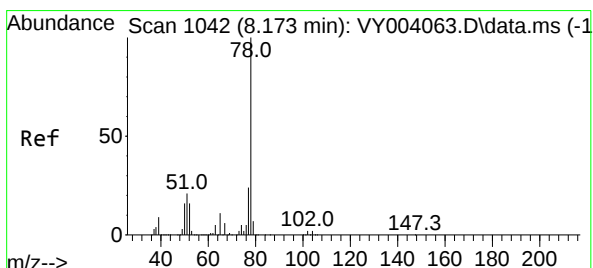
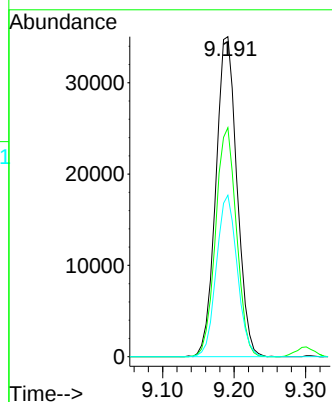
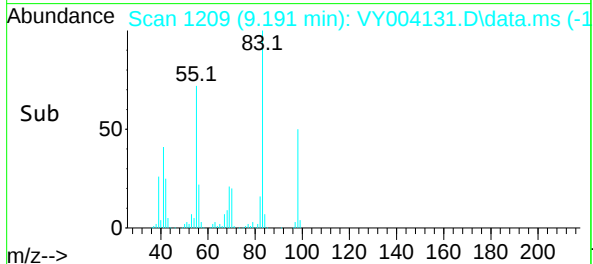




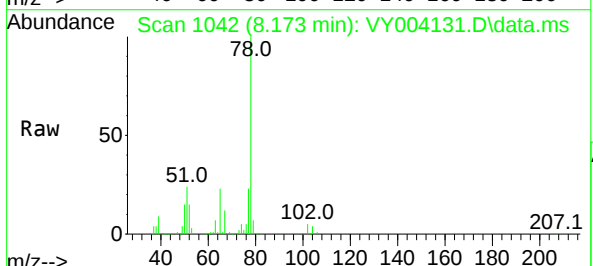
#39  
Methylcyclohexane  
Concen: 20.09 ug/l  
RT: 9.191 min Scan# 1209  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



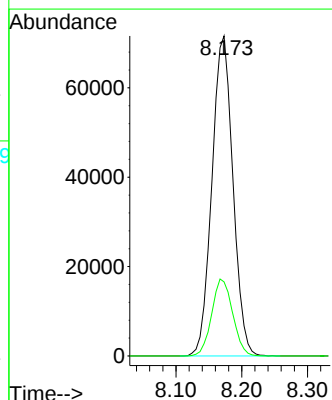
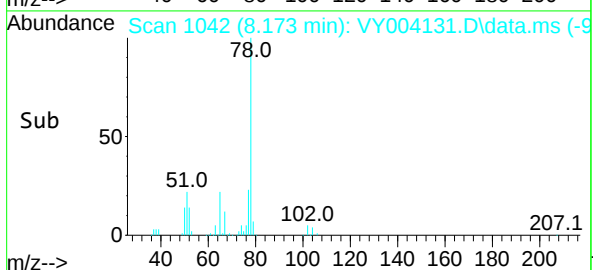
Tgt Ion: 83 Resp: 71921  
Ion Ratio Lower Upper  
83 100  
55 71.6 65.6 98.4  
98 50.4 39.5 59.3



#40  
Benzene  
Concen: 20.39 ug/l  
RT: 8.173 min Scan# 1042  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



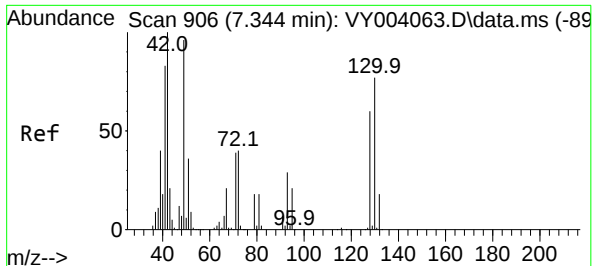
Tgt Ion: 78 Resp: 159162  
Ion Ratio Lower Upper  
78 100  
77 23.1 20.1 30.1



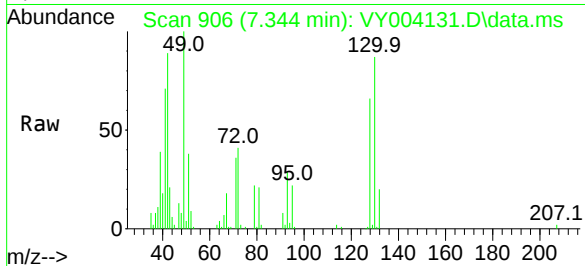
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

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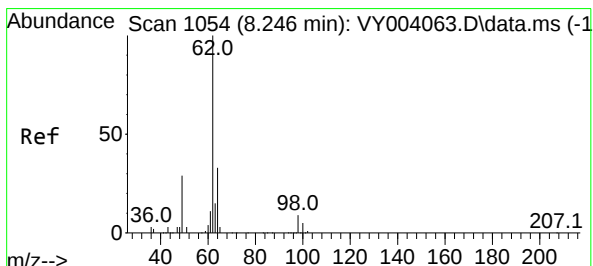
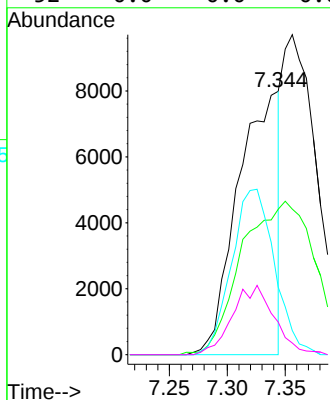
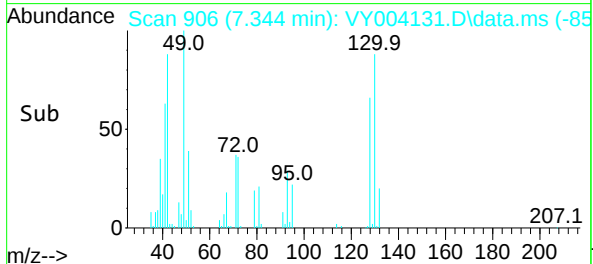
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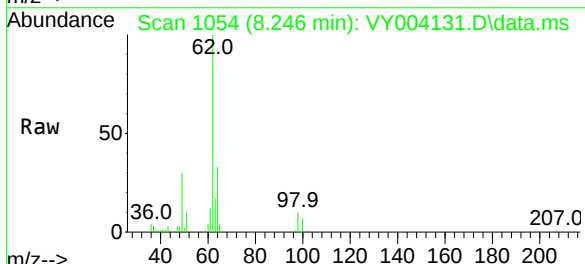
#41  
Methacrylonitrile  
Concen: 21.64 ug/l m  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



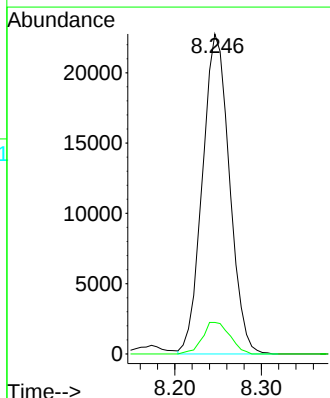
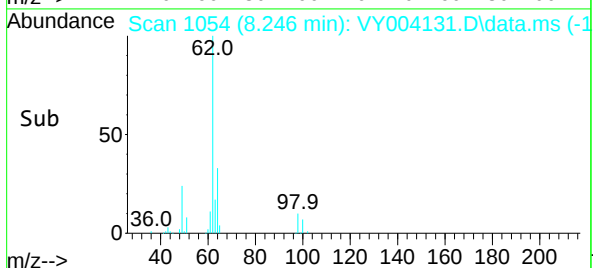
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 20022 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 103.2 | 91.2  | 136.8 |
| 67        | 0.0   | 0.0   | 0.0   |
| 52        | 0.0   | 0.0   | 0.0   |



#42  
1,2-Dichloroethane  
Concen: 20.70 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



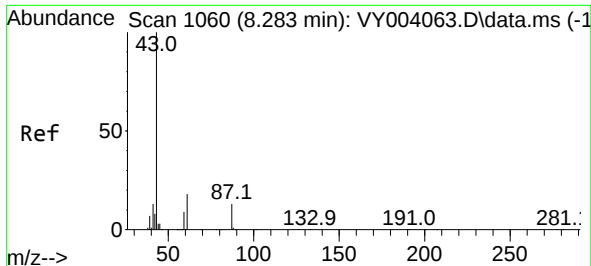
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 49407 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 10.0  | 0.0   | 17.0  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

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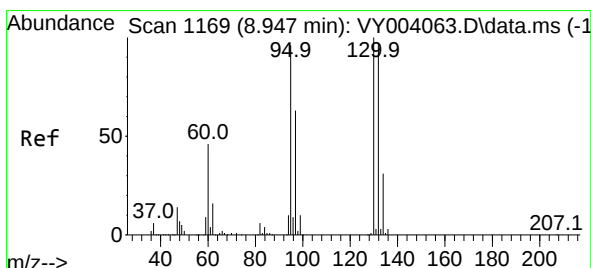
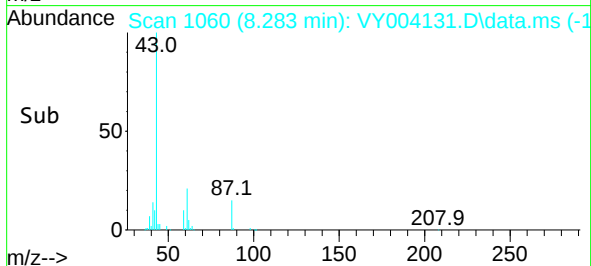
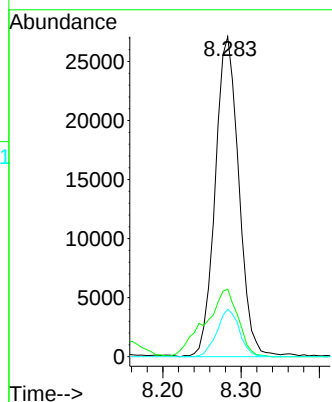
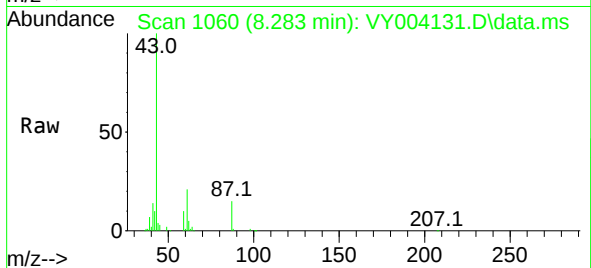
#43  
Isopropyl Acetate  
Concen: 18.92 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 43 Resp: 56689  
Ion Ratio Lower Upper  
43 100  
61 29.6 22.1 33.1  
87 14.2 9.8 14.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

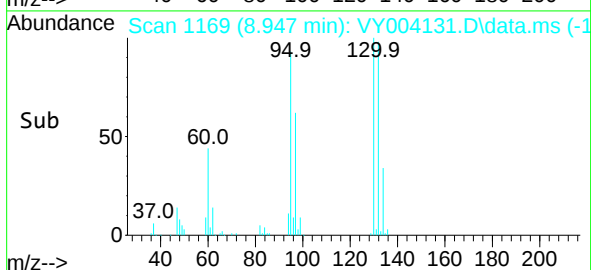
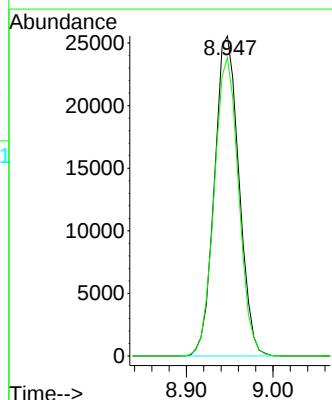
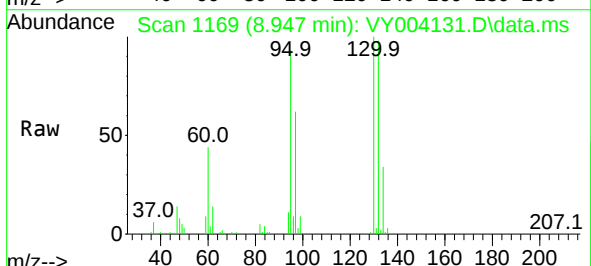
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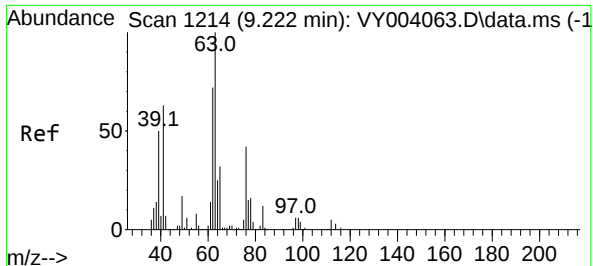
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#44  
Trichloroethene  
Concen: 22.18 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion:130 Resp: 50140  
Ion Ratio Lower Upper  
130 100  
95 93.2 0.0 188.0





#45

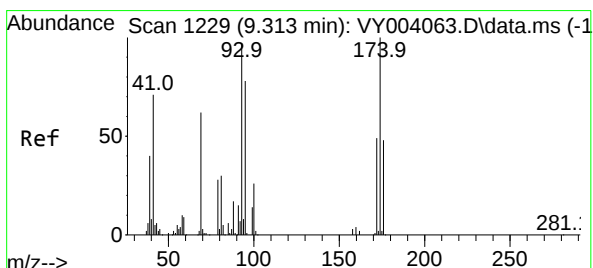
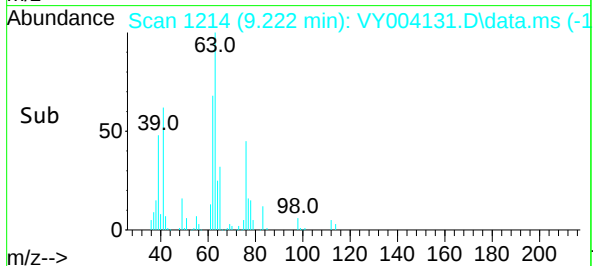
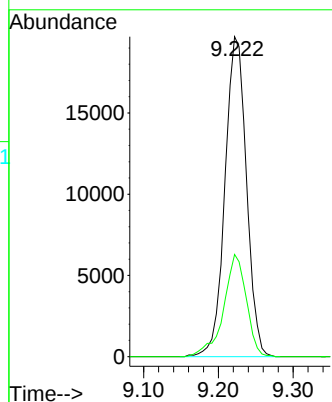
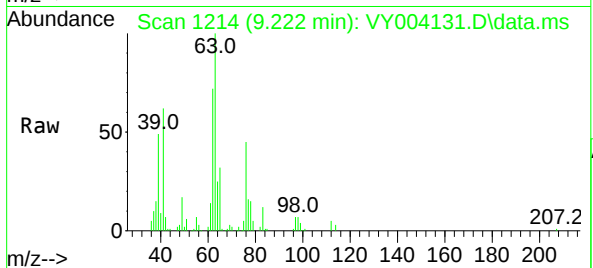
1,2-Dichloropropane  
Concen: 20.24 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 63 Resp: 39448  
Ion Ratio Lower Upper  
63 100  
65 32.0 24.4 36.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

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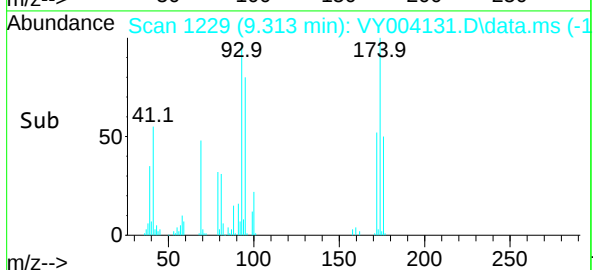
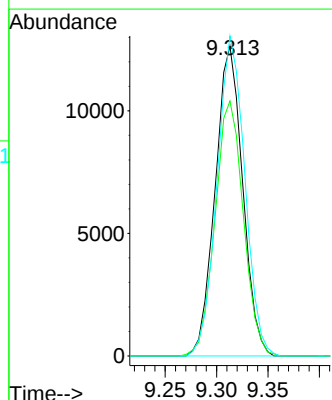
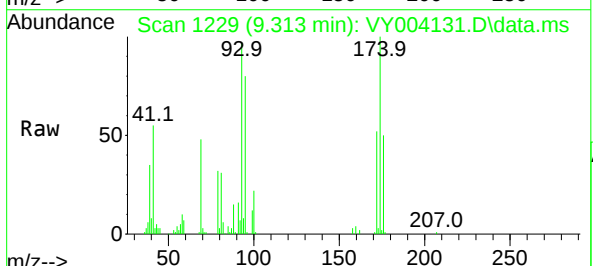
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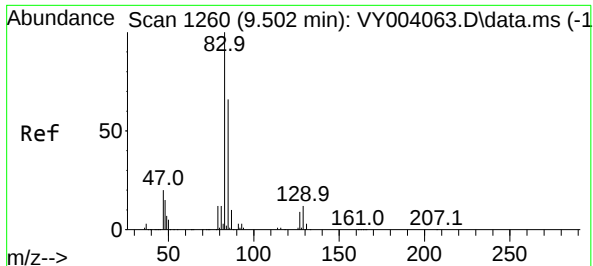


#46

Dibromomethane  
Concen: 21.03 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 93 Resp: 23437  
Ion Ratio Lower Upper  
93 100  
95 85.0 66.3 99.5  
174 104.3 88.1 132.1





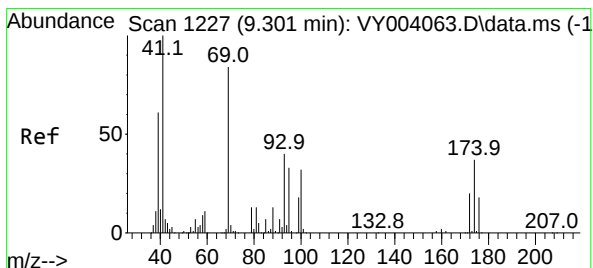
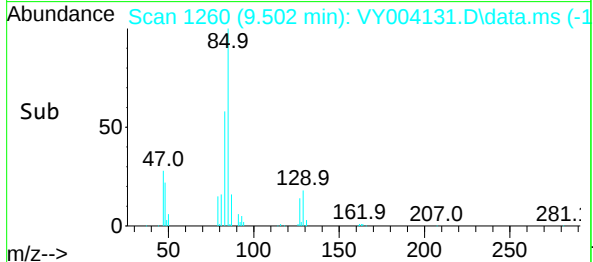
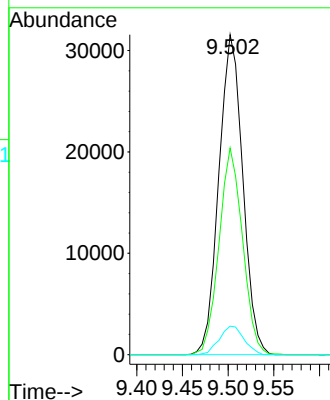
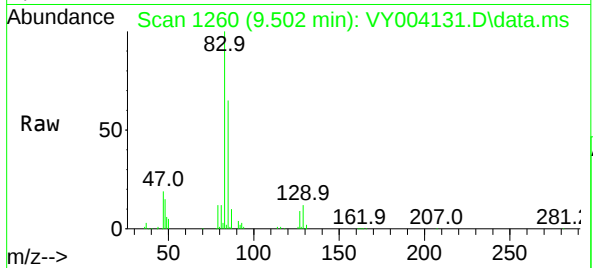
#47  
Bromodichloromethane  
Concen: 20.66 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 57467 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.6  | 51.6  | 77.4  |
| 127      | 8.9   | 6.5   | 9.7   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

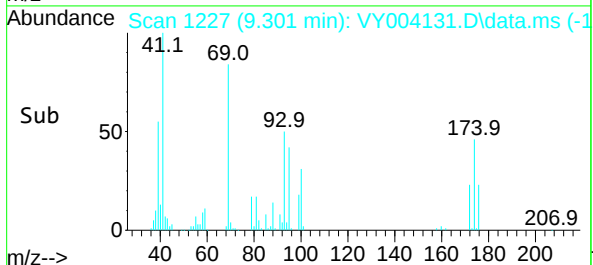
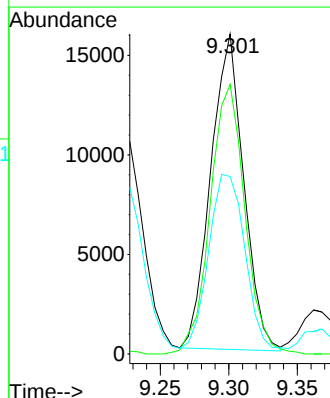
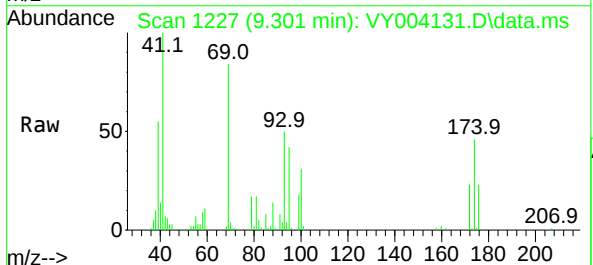
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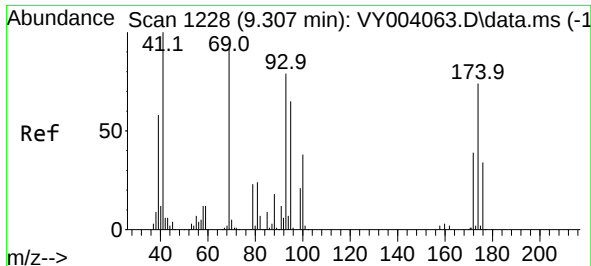
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#48  
Methyl methacrylate  
Concen: 18.56 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 26418 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 90.4  | 65.1  | 97.7  |
| 39       | 64.8  | 44.2  | 66.2  |





#49

1,4-Dioxane

Concen: 404.33 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY004131.D

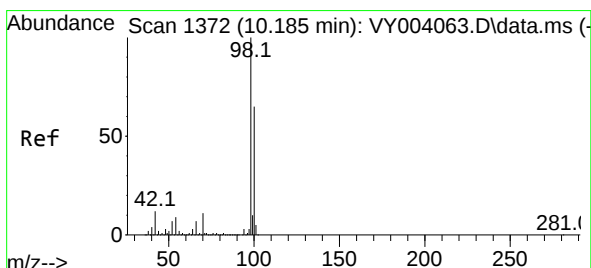
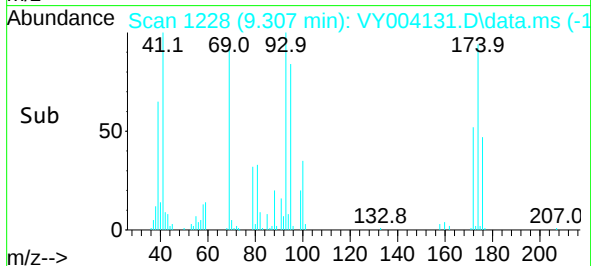
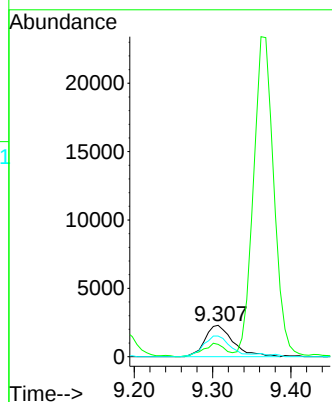
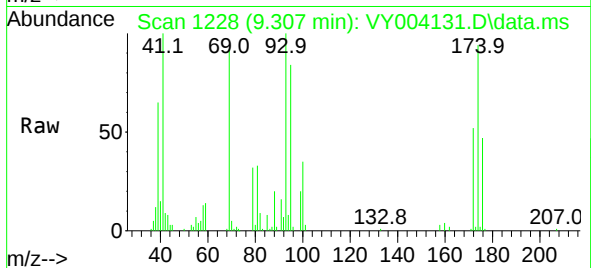
Acq: 19 Mar 2021 12:02

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 88    | Resp: | 5736 |
| Ion Ratio | Lower | Upper |      |
| 88        | 100   |       |      |
| 43        | 33.5  | 32.0  | 48.0 |
| 58        | 69.5  | 56.5  | 84.7 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

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#50

Toluene-d8

Concen: 51.41 ug/l

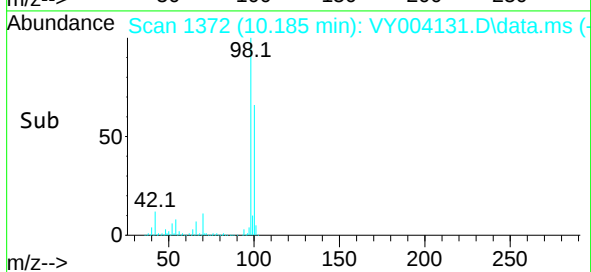
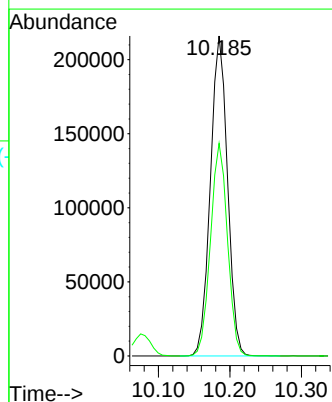
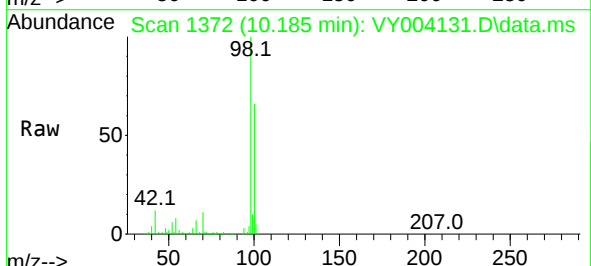
RT: 10.185 min Scan# 1372

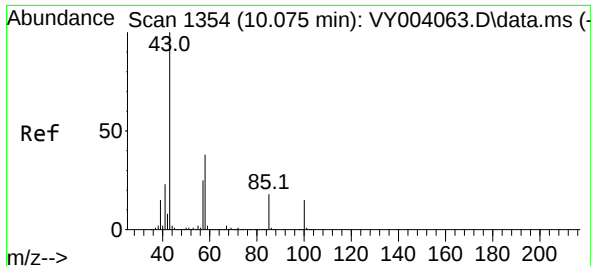
Delta R.T. -0.000 min

Lab File: VY004131.D

Acq: 19 Mar 2021 12:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 358549 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 66.0  | 51.8  | 77.6   |





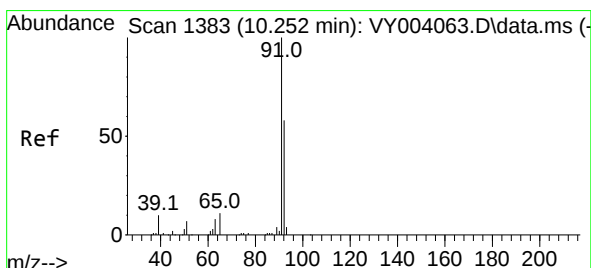
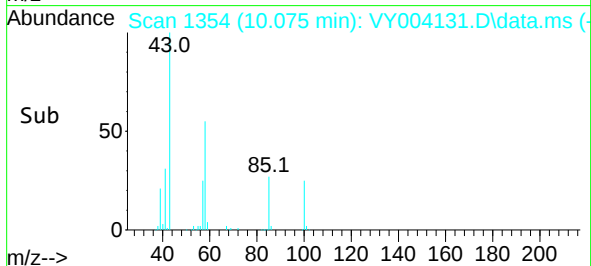
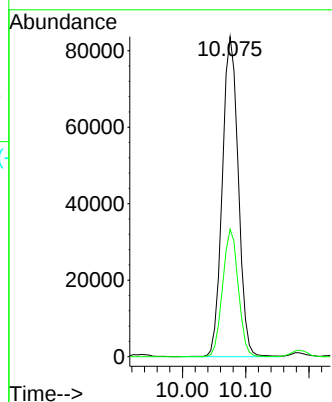
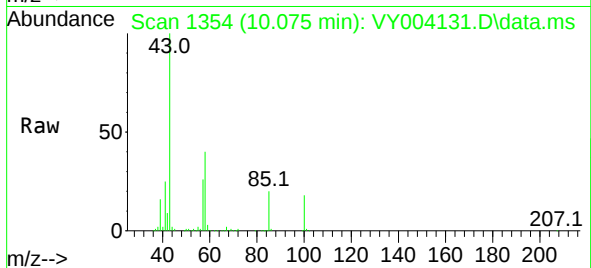
#51  
4-Methyl-2-Pentanone  
Concen: 96.45 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 43 Resp: 146322  
Ion Ratio Lower Upper  
43 100  
58 38.8 29.8 44.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

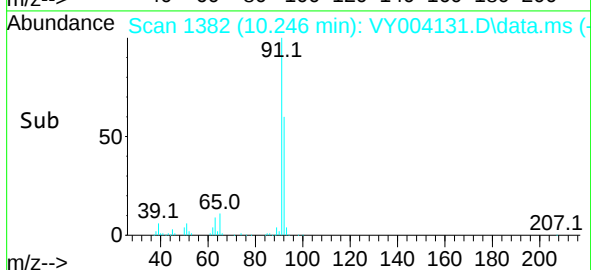
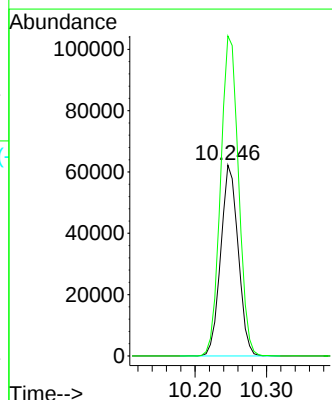
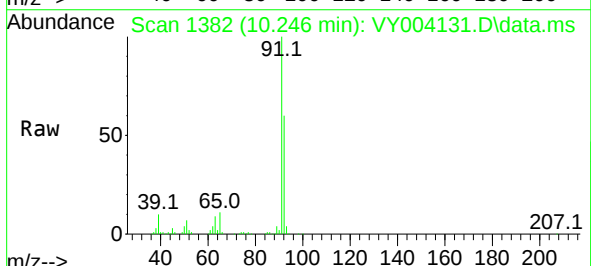
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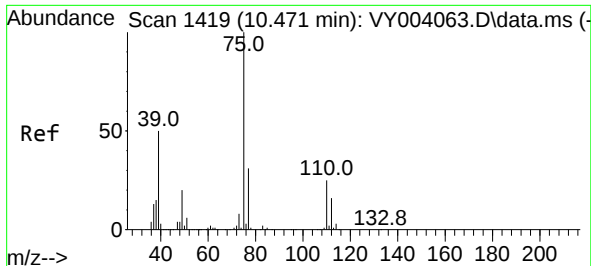
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#52  
Toluene  
Concen: 20.83 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 92 Resp: 105337  
Ion Ratio Lower Upper  
92 100  
91 172.4 141.0 211.4





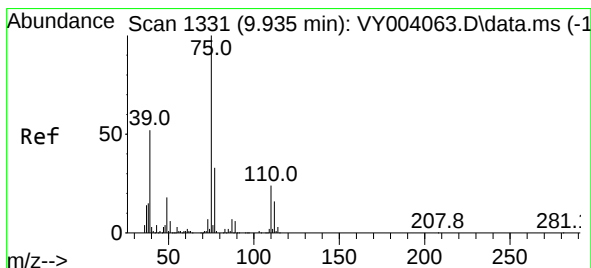
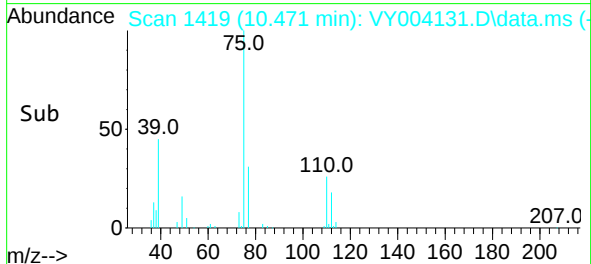
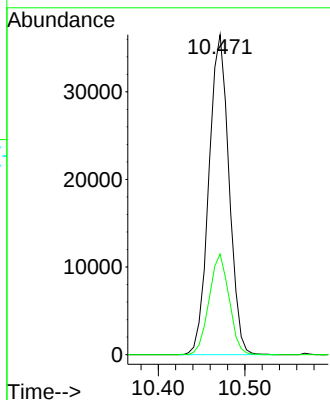
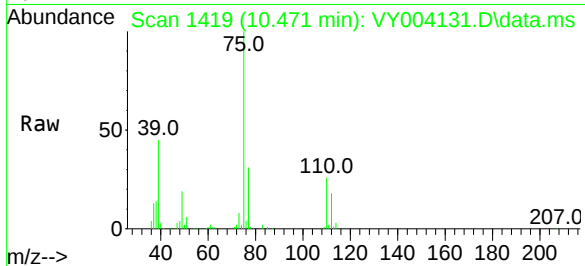
#53  
t-1,3-Dichloropropene  
Concen: 20.09 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 75 Resp: 58967  
Ion Ratio Lower Upper  
75 100  
77 31.4 24.5 36.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

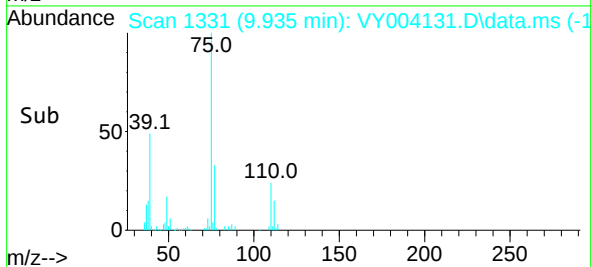
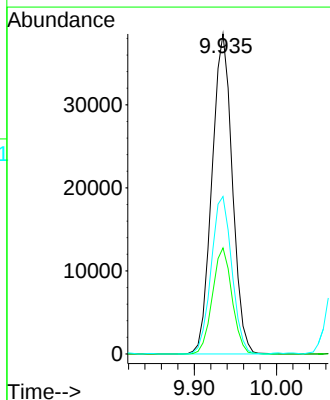
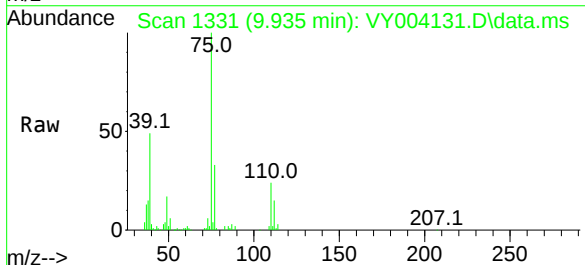
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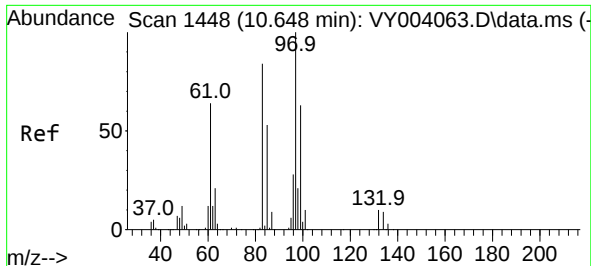
MMDadoda  
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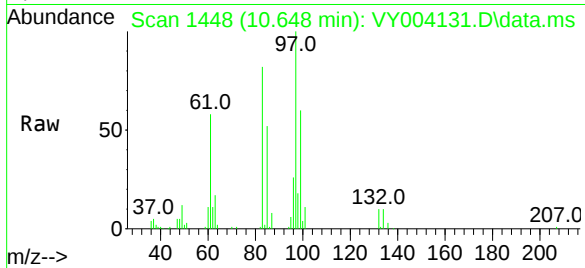
#54  
cis-1,3-Dichloropropene  
Concen: 20.09 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 75 Resp: 66066  
Ion Ratio Lower Upper  
75 100  
77 33.1 24.2 36.4  
39 49.2 40.4 60.6

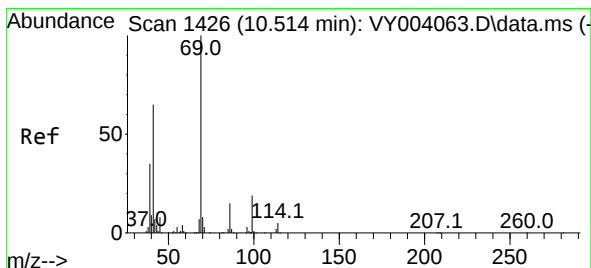
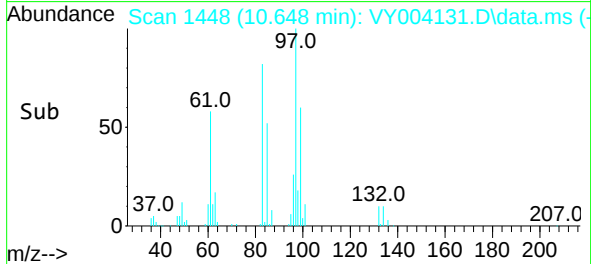
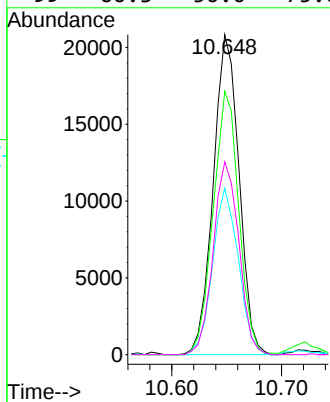




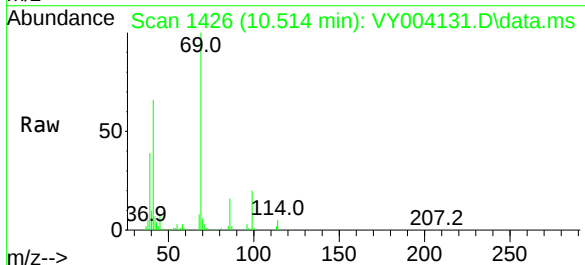
#55  
1,1,2-Trichloroethane  
Concen: 21.67 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



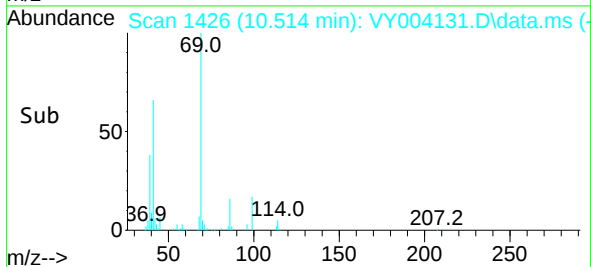
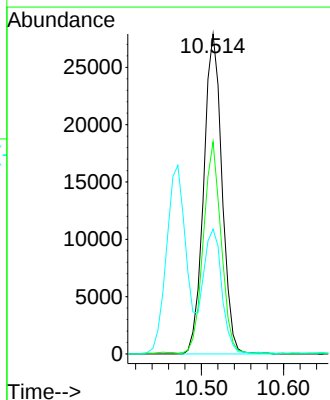
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 33958 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.3  | 69.4  | 104.0 |
| 85       | 52.0  | 43.4  | 65.0  |
| 99       | 60.3  | 50.0  | 75.0  |



#56  
Ethyl methacrylate  
Concen: 19.67 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



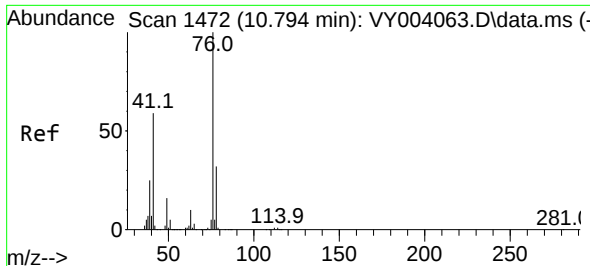
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 43099 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 64.6  | 57.2  | 85.8  |
| 39       | 37.4  | 27.8  | 41.6  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

Manual Integrations  
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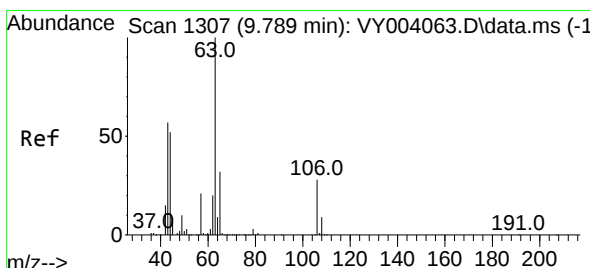
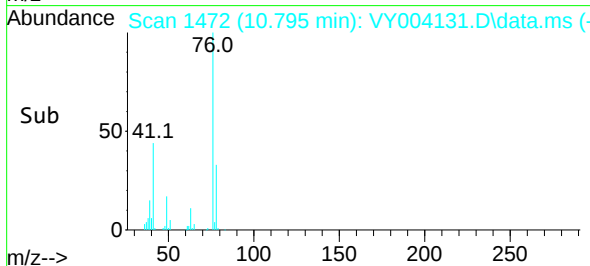
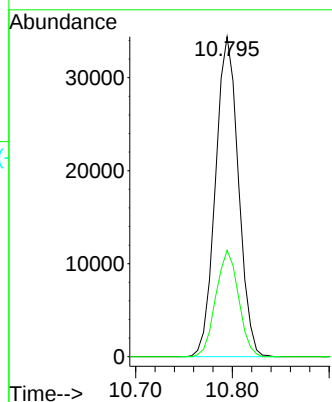
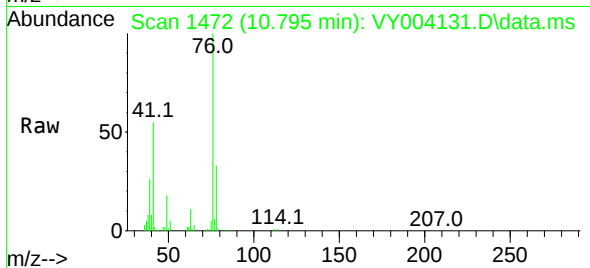
#57  
1,3-Dichloropropane  
Concen: 21.12 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.001 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 76 Resp: 56675  
Ion Ratio Lower Upper  
76 100  
78 32.8 25.5 38.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

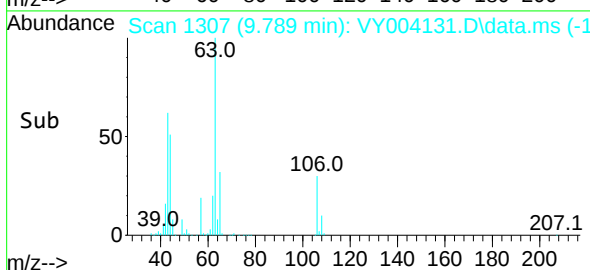
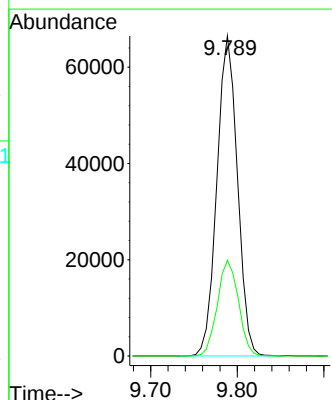
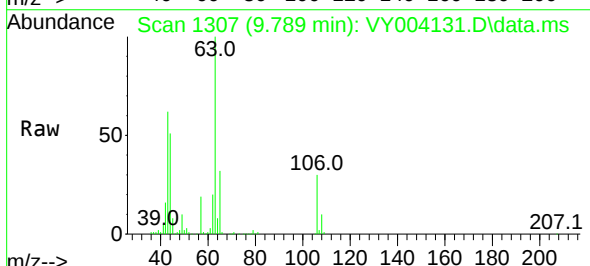
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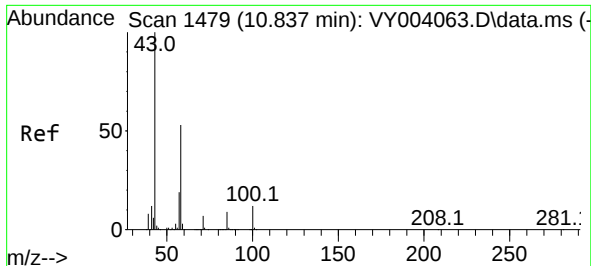
MMDadoda  
3/22/2021 11:35:32 AM



#58  
2-Chloroethyl Vinyl ether  
Concen: 117.93 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 63 Resp: 109424  
Ion Ratio Lower Upper  
63 100  
106 30.7 22.1 33.1





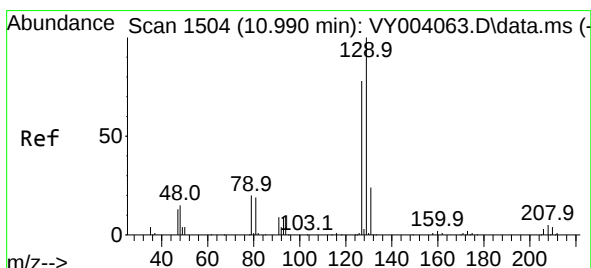
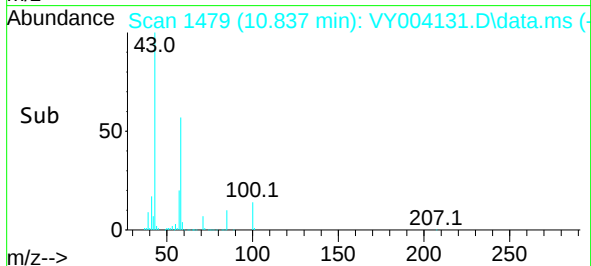
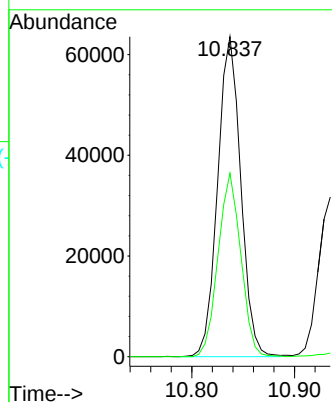
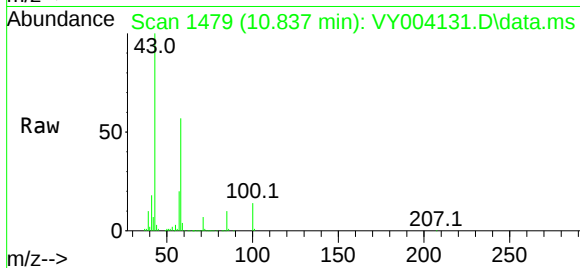
#59  
2-Hexanone  
Concen: 93.14 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 43 Resp: 99276  
Ion Ratio Lower Upper  
43 100  
58 56.2 26.5 79.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

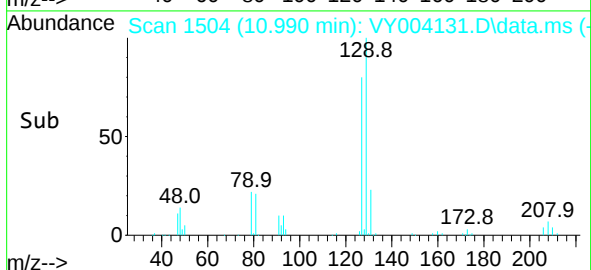
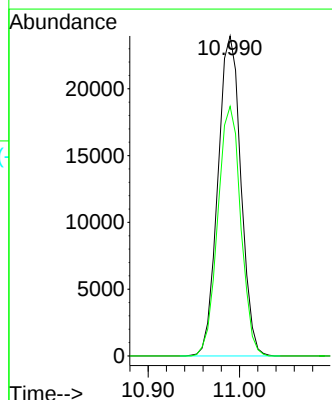
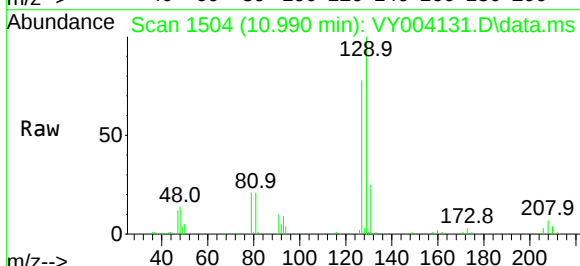
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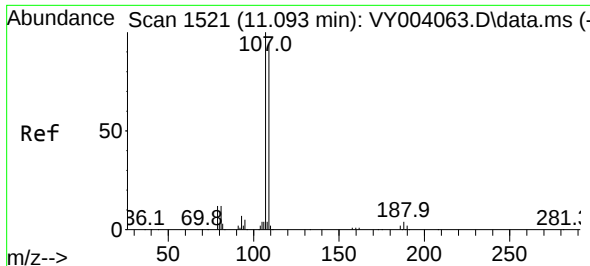
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#60  
Dibromochloromethane  
Concen: 21.31 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 129 Resp: 41923  
Ion Ratio Lower Upper  
129 100  
127 77.8 39.0 117.0





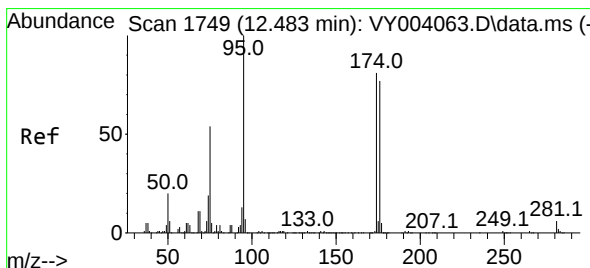
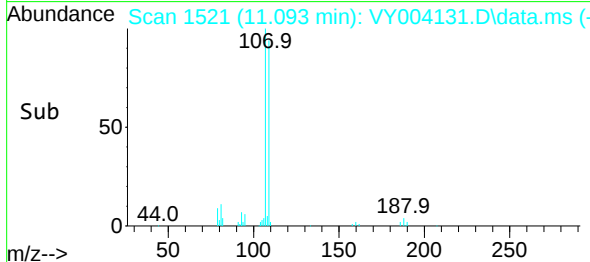
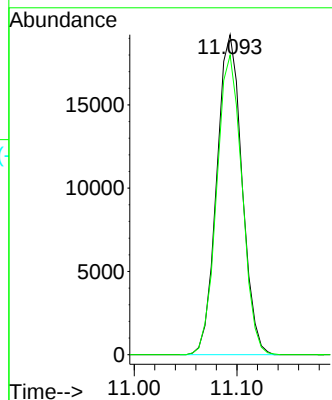
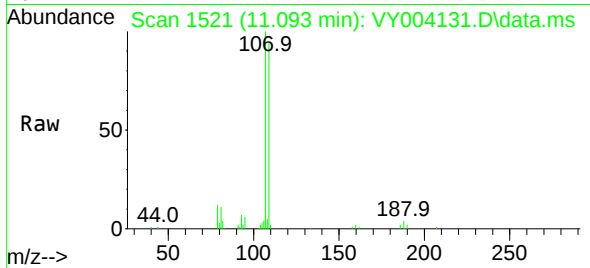
#61  
1,2-Dibromoethane  
Concen: 21.45 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 107 Resp: 32727  
Ion Ratio Lower Upper  
107 100  
109 93.8 76.7 115.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

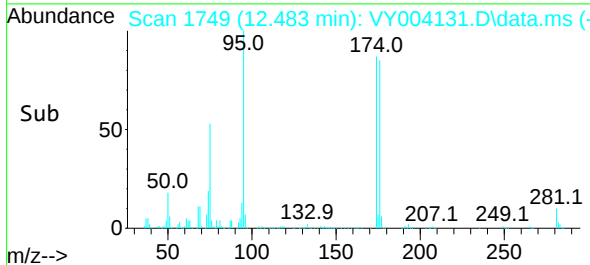
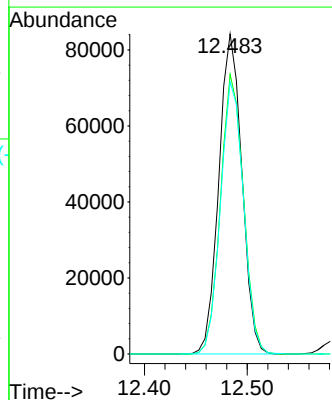
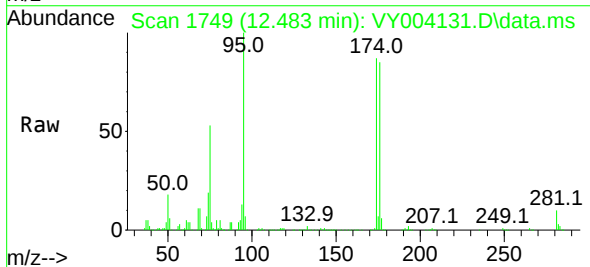
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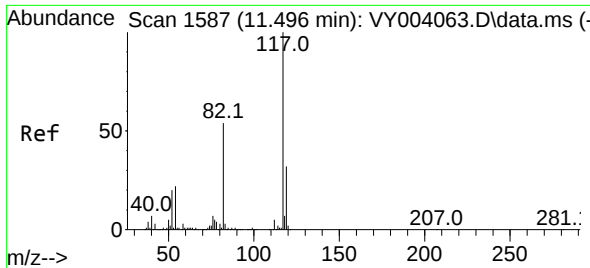
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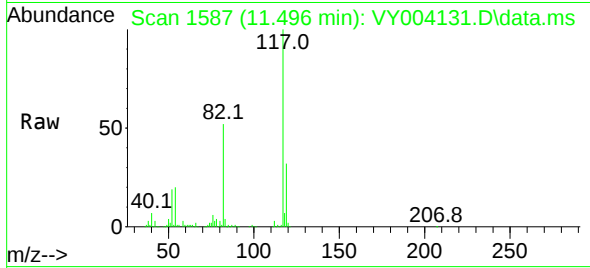
#62  
4-Bromofluorobenzene  
Concen: 50.84 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 95 Resp: 130945  
Ion Ratio Lower Upper  
95 100  
174 87.0 0.0 179.0  
176 85.0 0.0 174.4

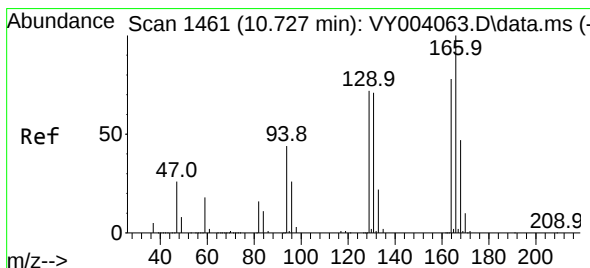
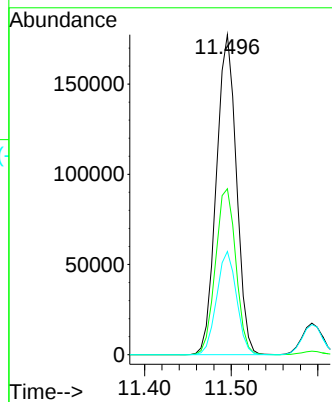
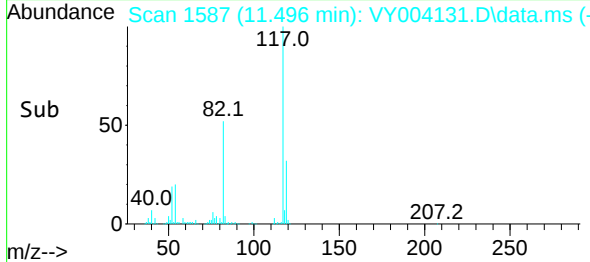




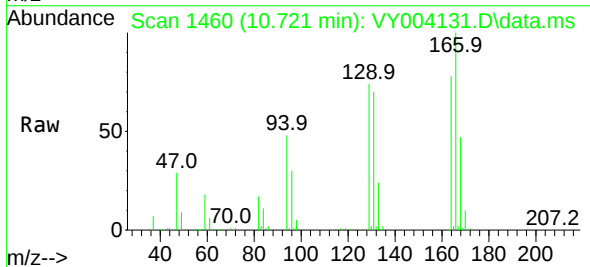
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



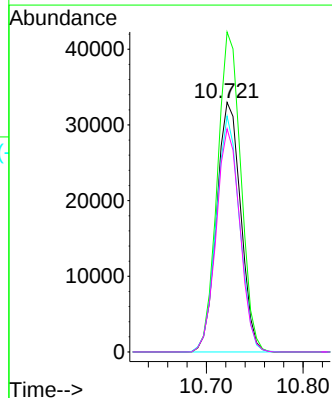
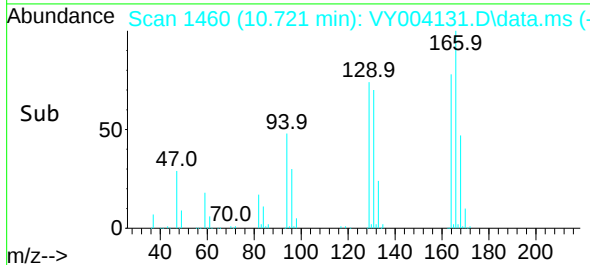
Tgt Ion:117 Resp: 285337  
Ion Ratio Lower Upper  
117 100  
82 51.9 43.8 65.6  
119 32.3 26.2 39.2



#64  
Tetrachloroethene  
Concen: 23.83 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



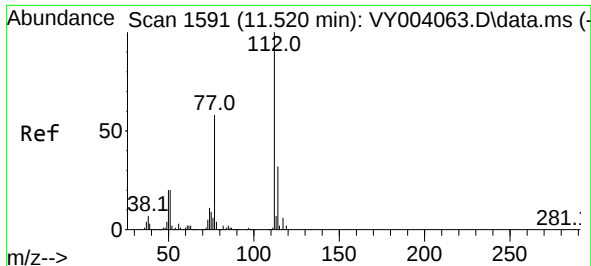
Tgt Ion:164 Resp: 56910  
Ion Ratio Lower Upper  
164 100  
166 128.2 102.7 154.1  
129 94.5 70.6 105.8  
131 89.5 66.2 99.2



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

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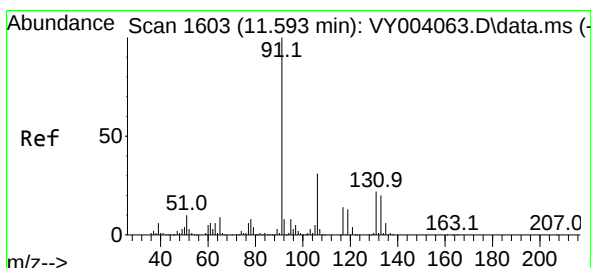
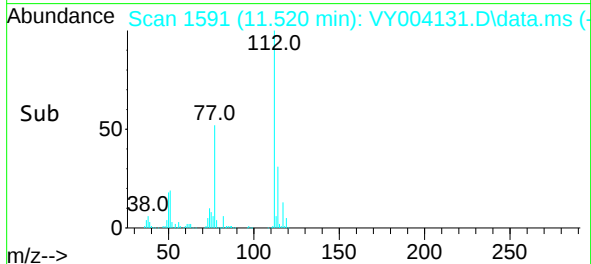
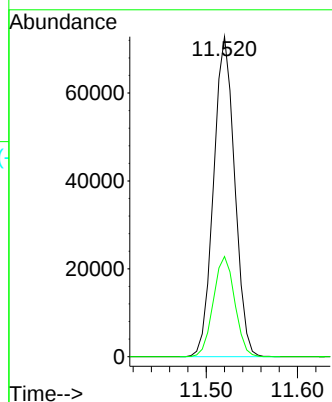
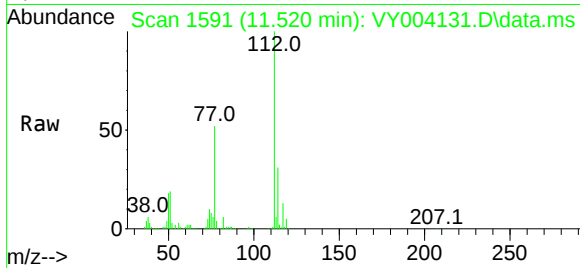
#65  
Chlorobenzene  
Concen: 21.35 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

Tgt Ion:112 Resp: 116753  
Ion Ratio Lower Upper  
112 100  
114 31.3 26.5 39.7

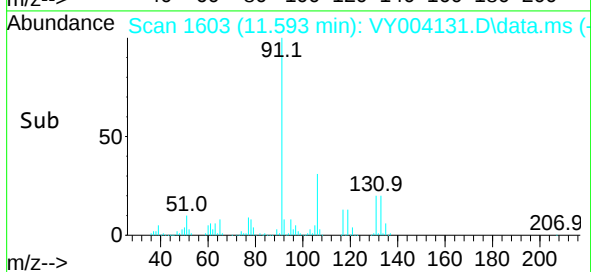
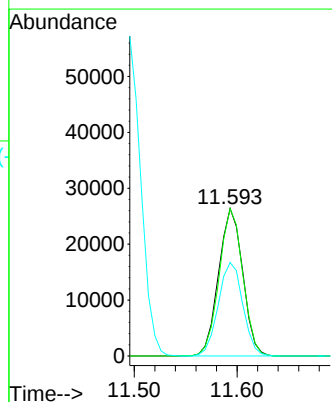
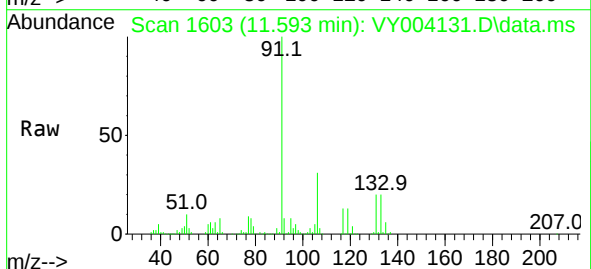
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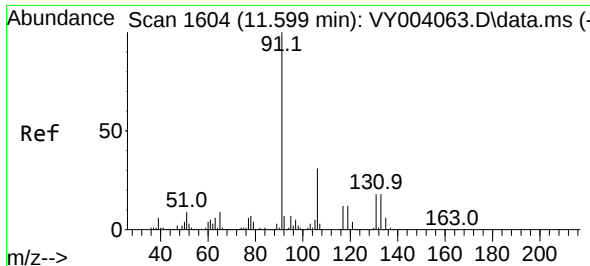
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.98 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion:131 Resp: 42914  
Ion Ratio Lower Upper  
131 100  
133 98.0 48.1 144.3  
119 64.3 31.5 94.5





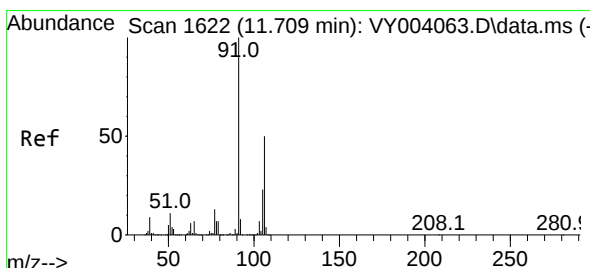
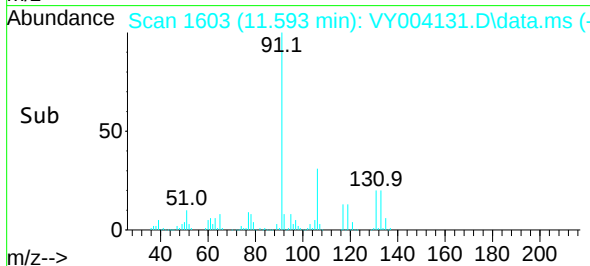
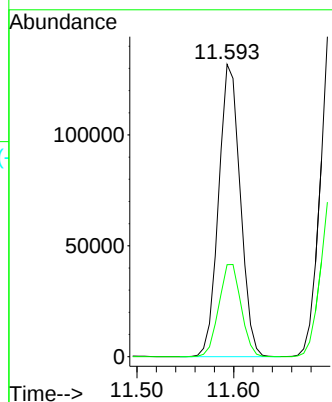
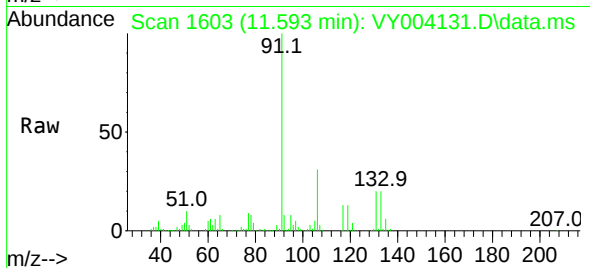
#67  
Ethyl Benzene  
Concen: 20.40 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 91 Resp: 204797  
Ion Ratio Lower Upper  
91 100  
106 31.5 24.5 36.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

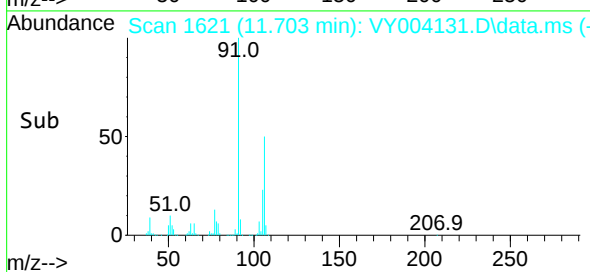
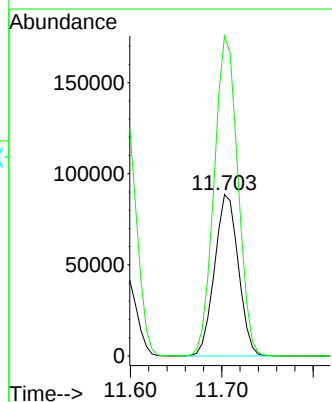
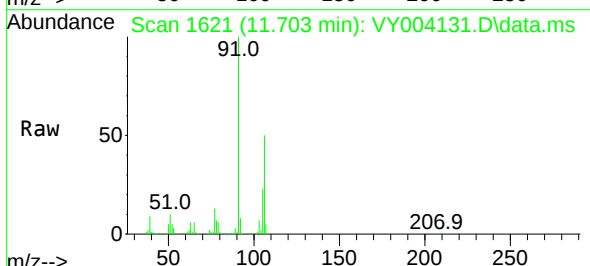
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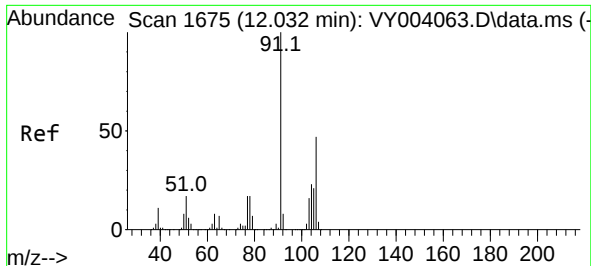
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#68  
m/p-Xylenes  
Concen: 41.78 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 106 Resp: 159979  
Ion Ratio Lower Upper  
106 100  
91 198.2 165.4 248.0





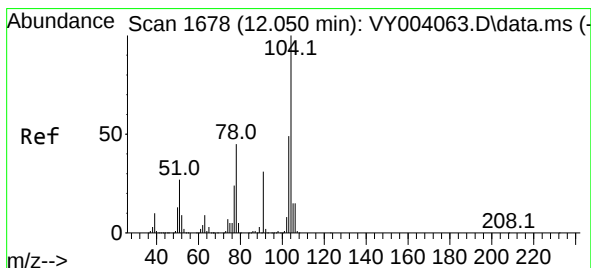
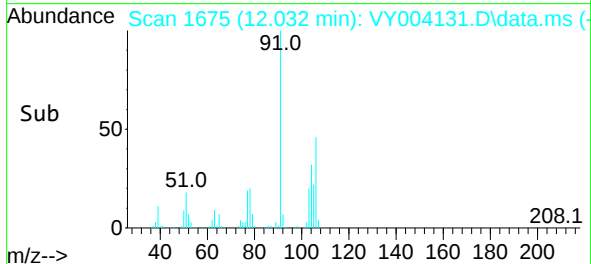
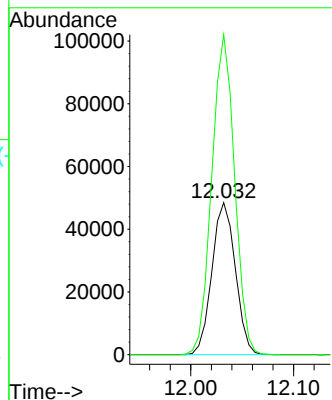
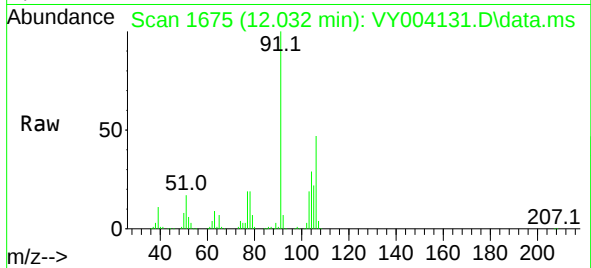
#69  
o-Xylene  
Concen: 21.20 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion:106 Resp: 76711  
Ion Ratio Lower Upper  
106 100  
91 204.6 108.9 326.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

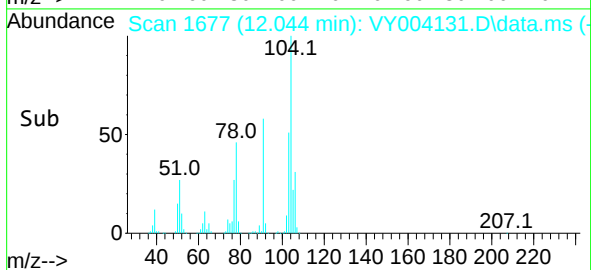
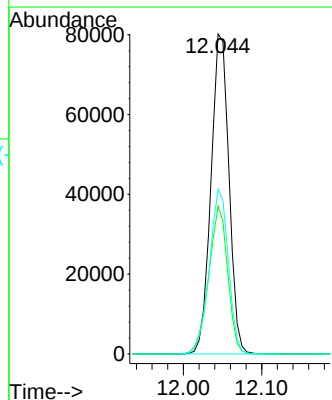
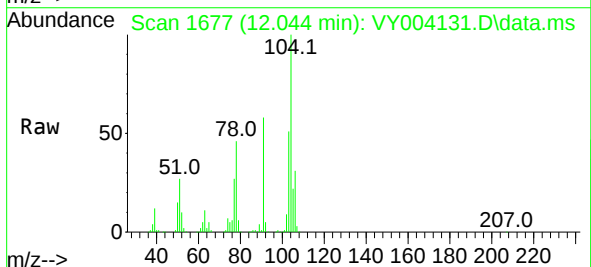
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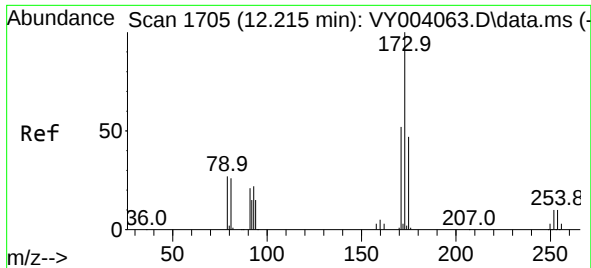
MMDadoda  
3/22/2021 11:35:32 AM



#70  
Styrene  
Concen: 20.62 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion:104 Resp: 127831  
Ion Ratio Lower Upper  
104 100  
78 48.7 41.1 61.7  
103 54.2 43.9 65.9





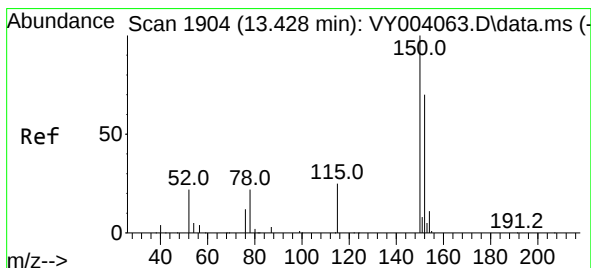
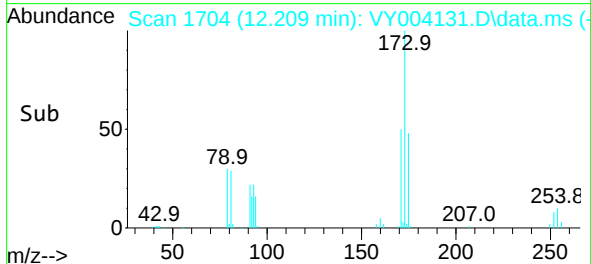
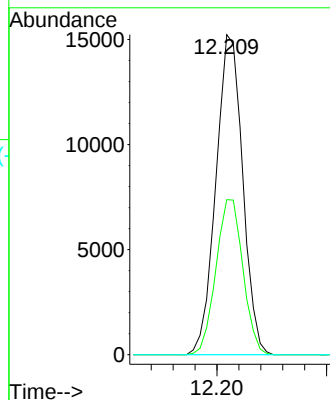
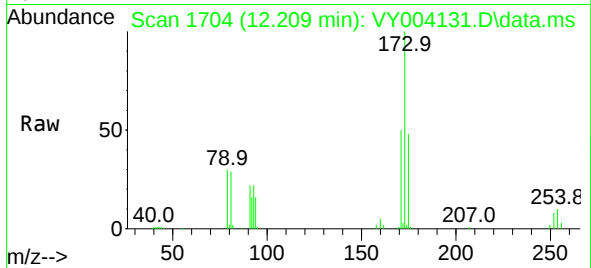
#71  
Bromoform  
Concen: 21.06 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion:173 Resp: 25778  
Ion Ratio Lower Upper  
173 100  
175 48.9 24.1 72.4  
254 0.0 0.1 0.1#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

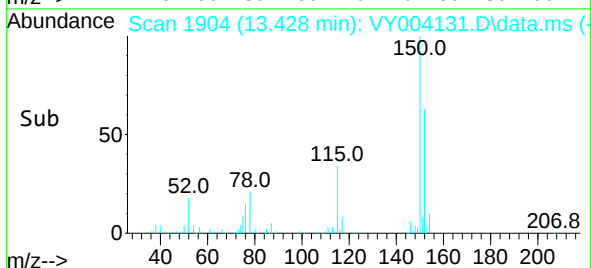
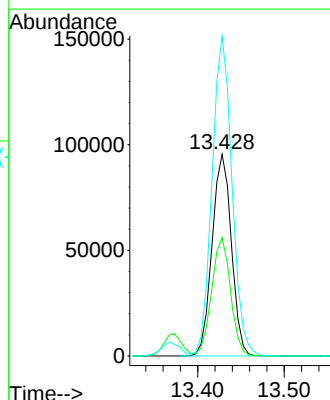
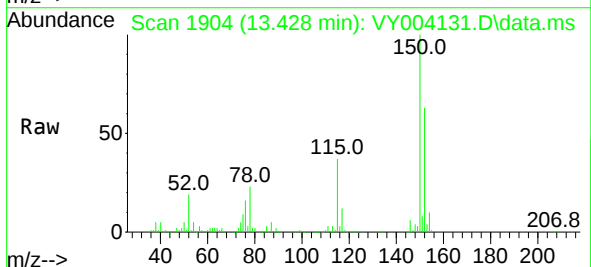
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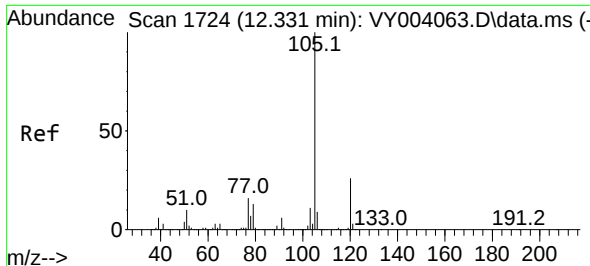
MMDadoda  
3/22/2021 11:35:32 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion:152 Resp: 147700  
Ion Ratio Lower Upper  
152 100  
115 57.4 28.2 84.6  
150 163.8 0.0 347.2





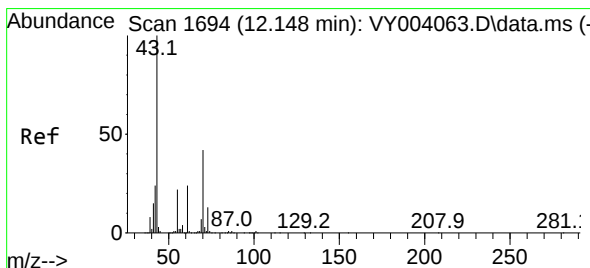
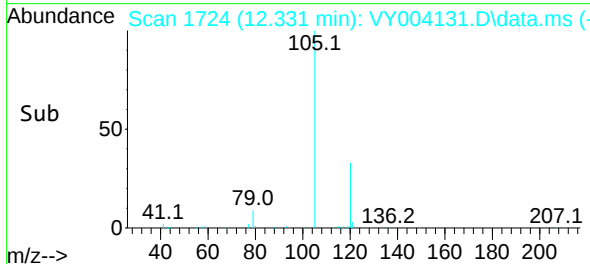
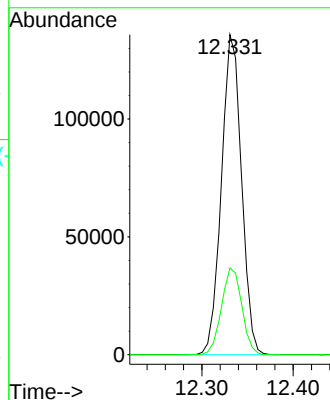
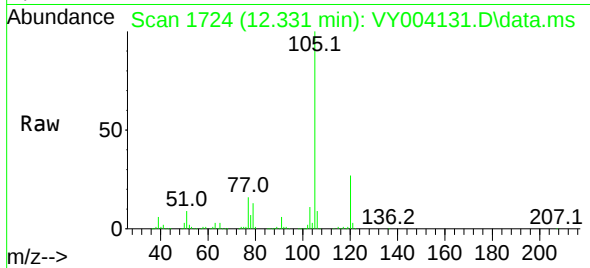
#73  
Isopropylbenzene  
Concen: 20.20 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion:105 Resp: 207323  
Ion Ratio Lower Upper  
105 100  
120 27.4 13.3 39.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

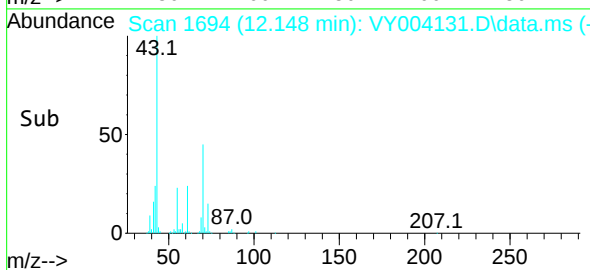
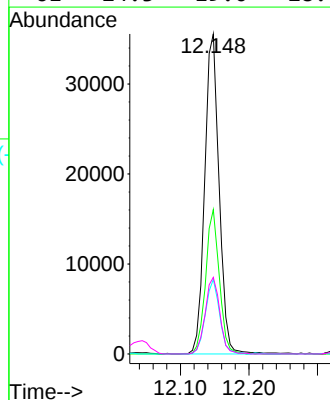
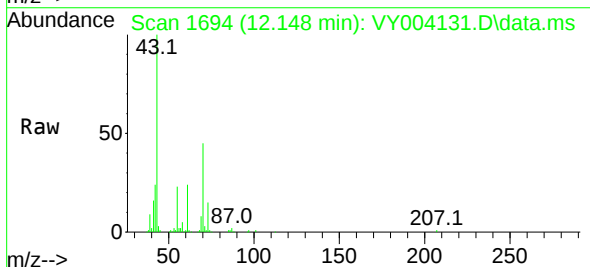
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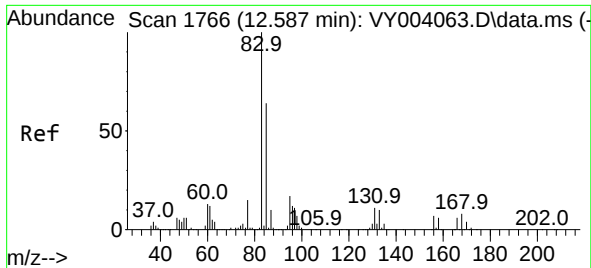
MMDadoda  
3/22/2021 11:35:32 AM



#74  
N-ethyl acetate  
Concen: 17.70 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 43 Resp: 52028  
Ion Ratio Lower Upper  
43 100  
70 42.9 32.3 48.5  
55 22.9 18.4 27.6  
61 24.3 19.0 28.4





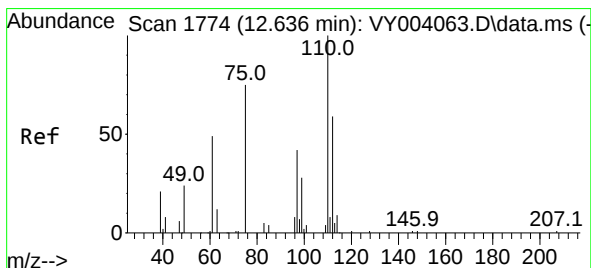
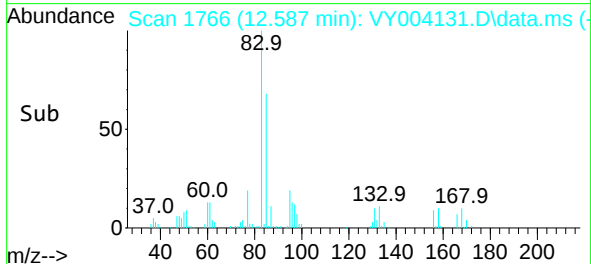
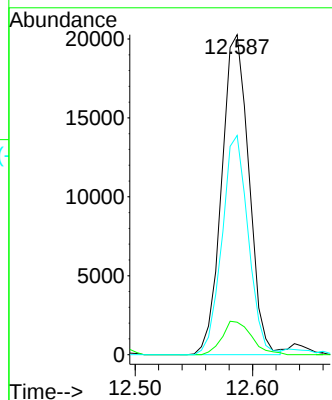
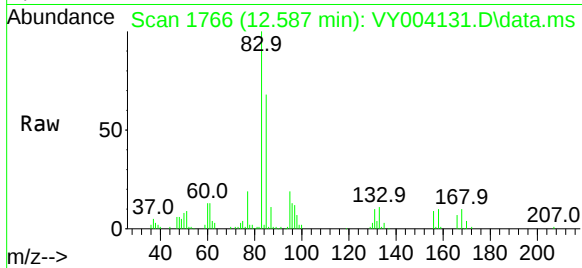
#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.31 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 83 Resp: 32653  
Ion Ratio Lower Upper  
83 100  
131 11.3 5.5 16.4  
85 66.1 31.6 95.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

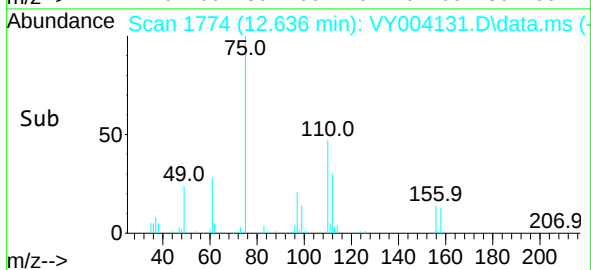
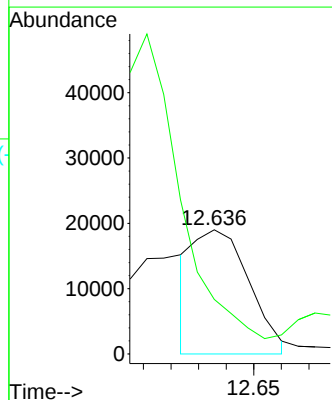
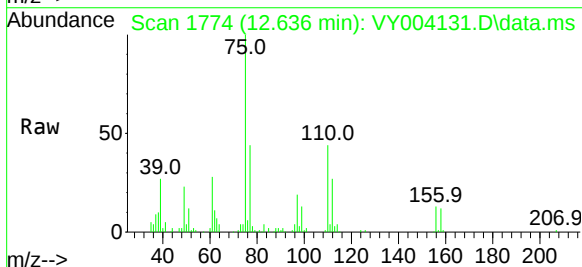
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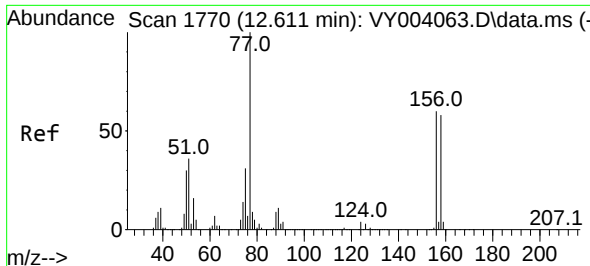
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#76  
1,2,3-Trichloropropane  
Concen: 18.92 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 75 Resp: 26801  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





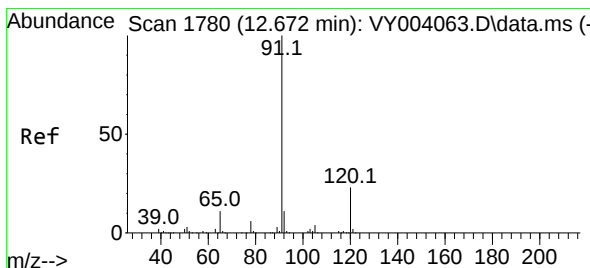
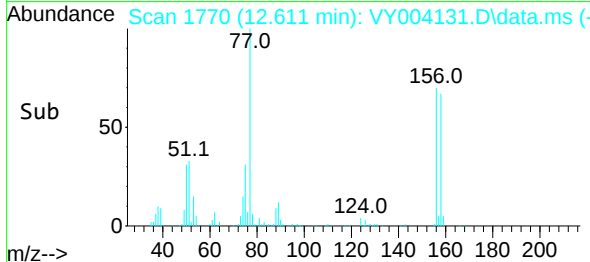
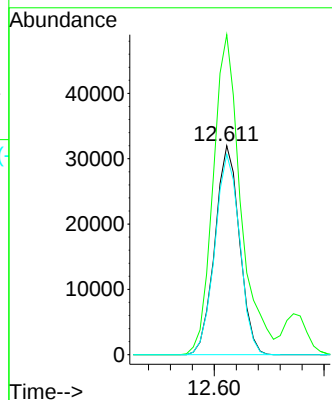
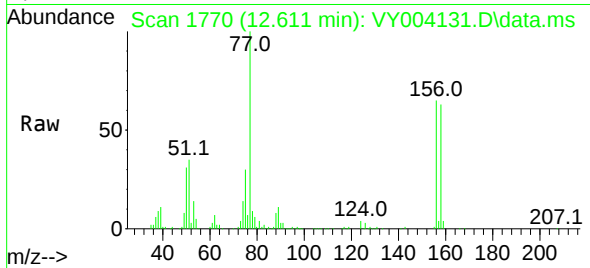
#77  
Bromobenzene  
Concen: 21.06 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 156 Resp: 49940  
Ion Ratio Lower Upper  
156 100  
77 171.0 90.5 271.3  
158 96.8 48.9 146.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

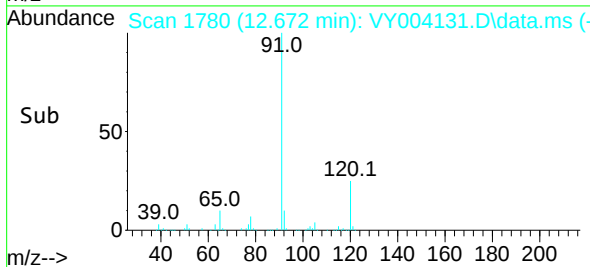
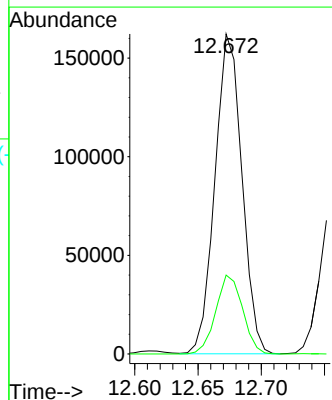
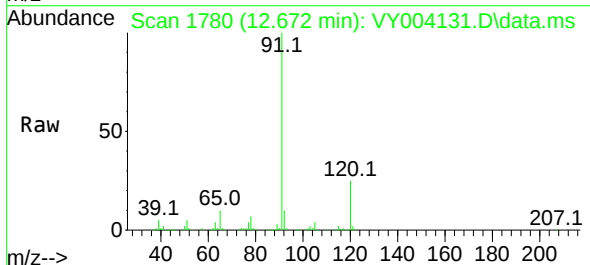
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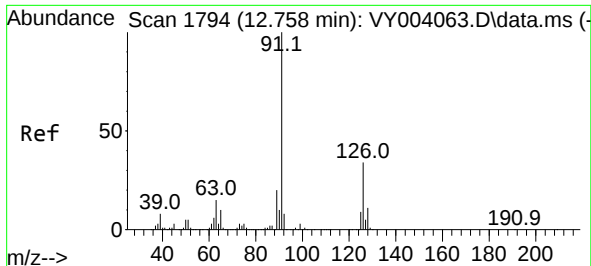
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#78  
n-propylbenzene  
Concen: 19.85 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

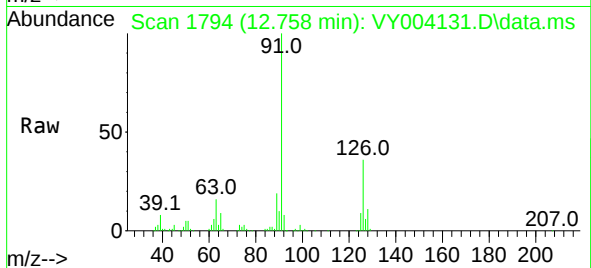
Tgt Ion: 91 Resp: 240028  
Ion Ratio Lower Upper  
91 100  
120 24.5 11.3 33.9





#79  
2-Chlorotoluene  
Concen: 19.86 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

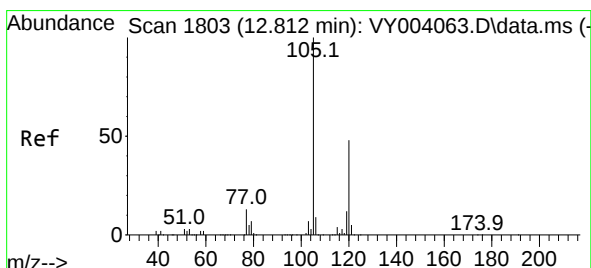
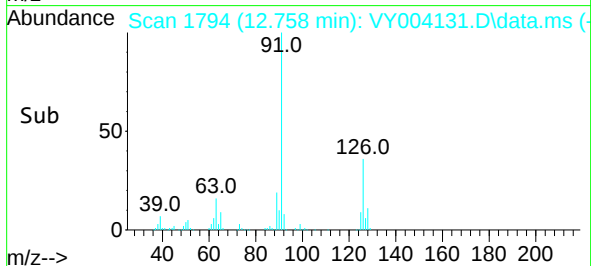
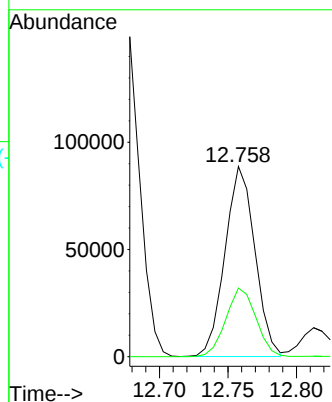
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01



Tgt Ion: 91 Resp: 134816  
Ion Ratio Lower Upper  
91 100  
126 36.3 17.0 51.0

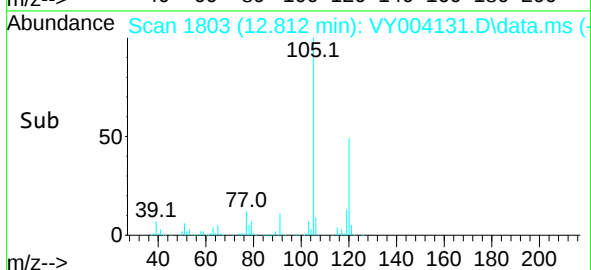
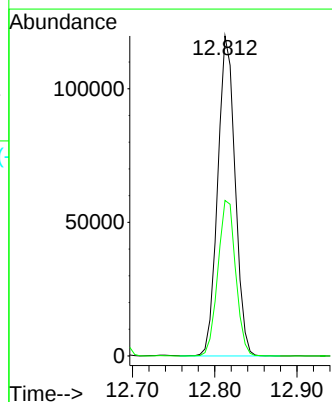
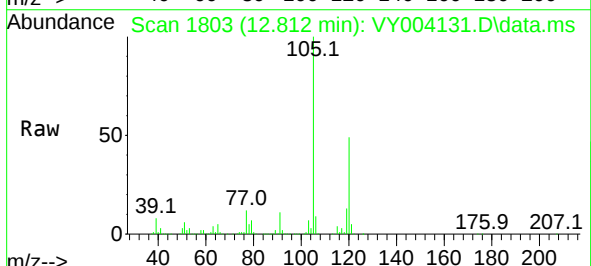
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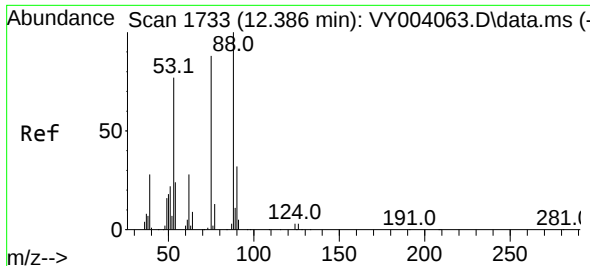
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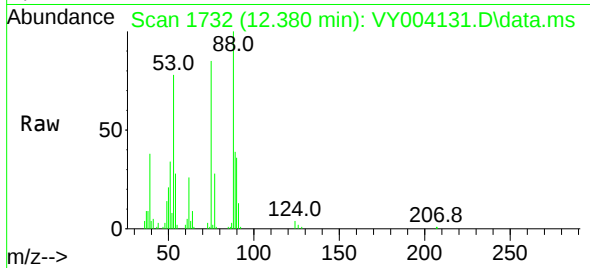
#80  
1,3,5-Trimethylbenzene  
Concen: 20.21 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 105 Resp: 175970  
Ion Ratio Lower Upper  
105 100  
120 49.7 24.1 72.2

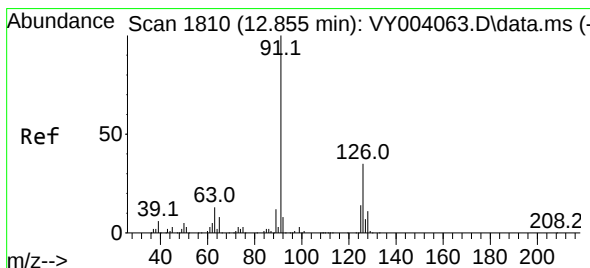
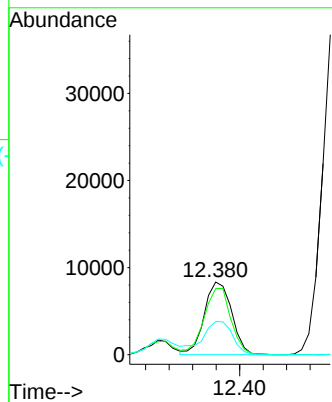
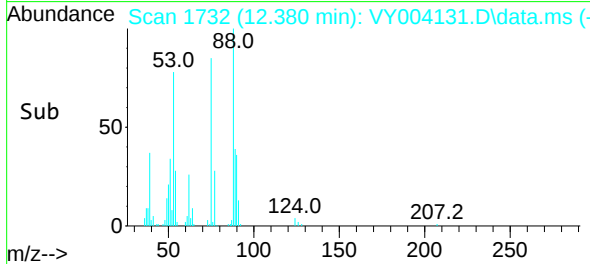




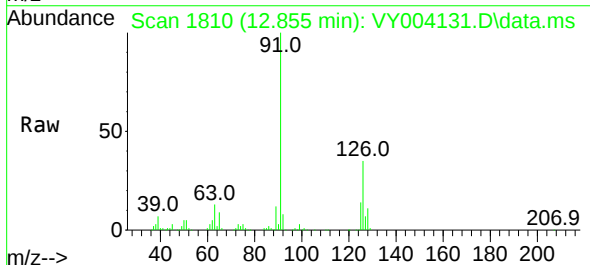
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.79 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.006 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



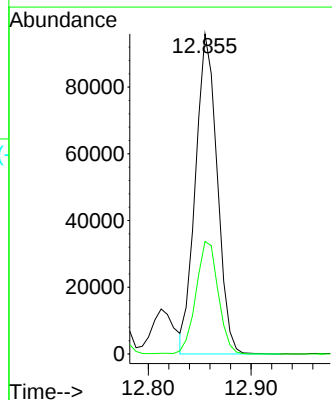
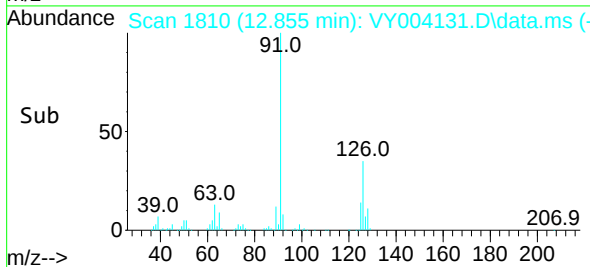
Tgt Ion: 75 Resp: 13487  
Ion Ratio Lower Upper  
75 100  
53 90.4 73.5 110.3  
89 48.0 35.7 53.5



#82  
4-Chlorotoluene  
Concen: 19.63 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



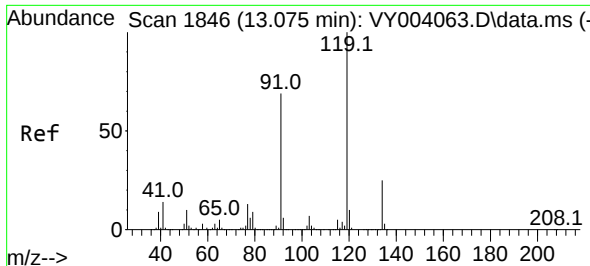
Tgt Ion: 91 Resp: 141065  
Ion Ratio Lower Upper  
91 100  
126 36.1 16.8 50.4



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

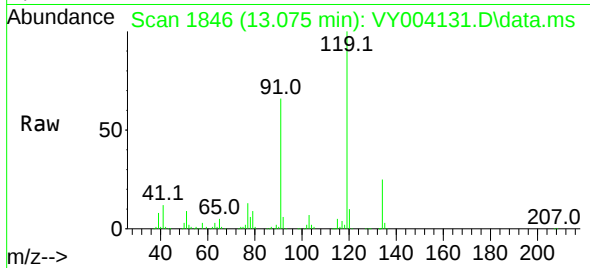
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#83  
tert-Butylbenzene  
Concen: 20.49 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

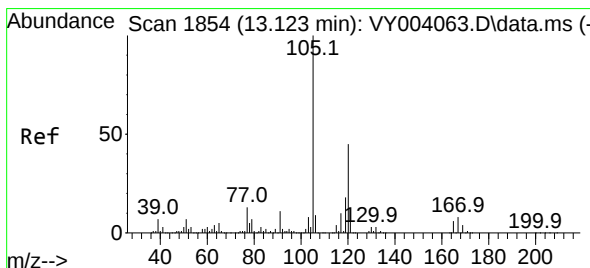
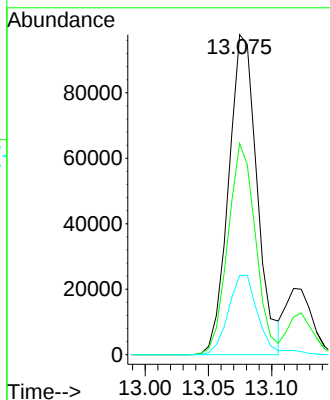
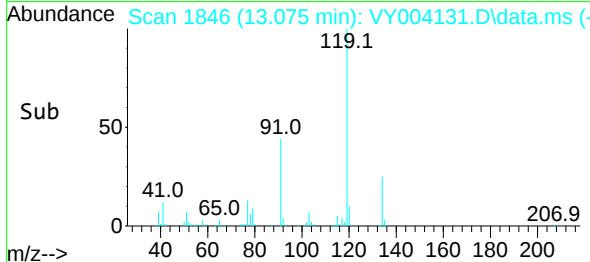
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01



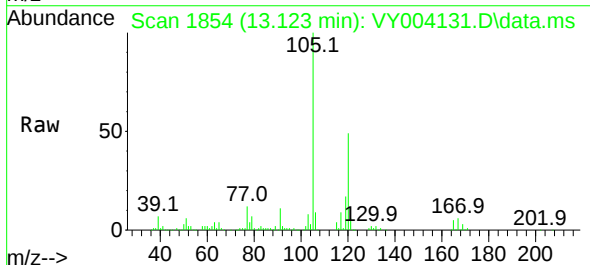
Tgt Ion:119 Resp: 153528  
Ion Ratio Lower Upper  
119 100  
91 63.9 33.0 99.0  
134 26.0 12.9 38.7

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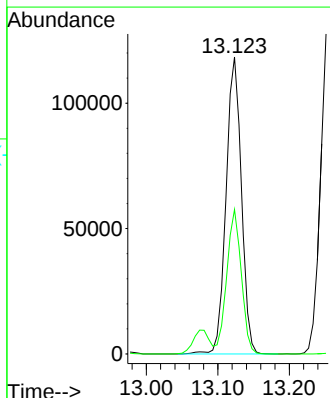
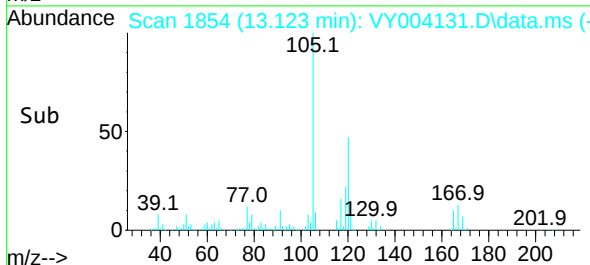
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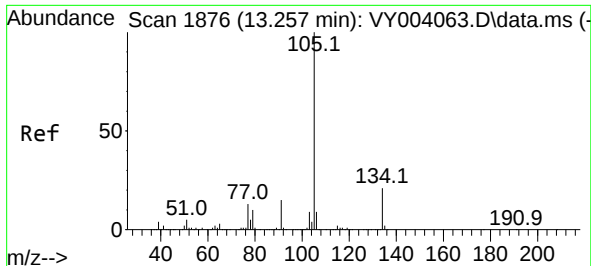


#84  
1,2,4-Trimethylbenzene  
Concen: 20.21 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



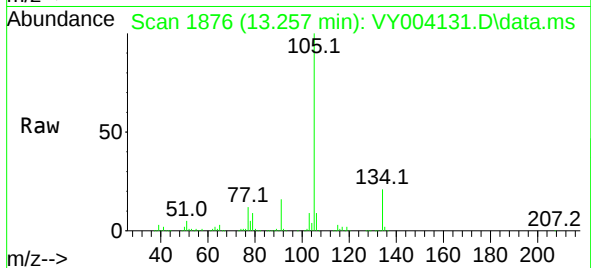
Tgt Ion:105 Resp: 176253  
Ion Ratio Lower Upper  
105 100  
120 46.4 22.1 66.3





#85  
 sec-Butylbenzene  
 Concen: 20.29 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY004131.D  
 Acq: 19 Mar 2021 12:02

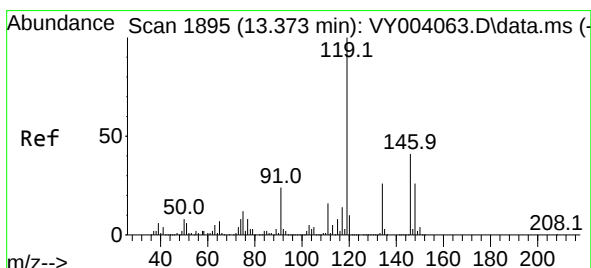
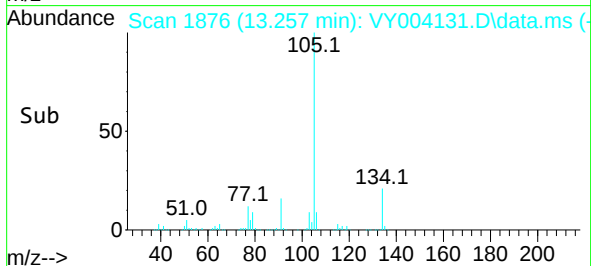
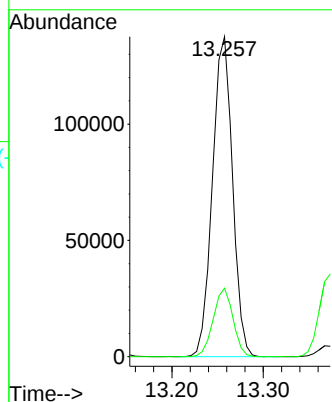
Instrument :  
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 ClientSampleId :  
 VY0319SBS01



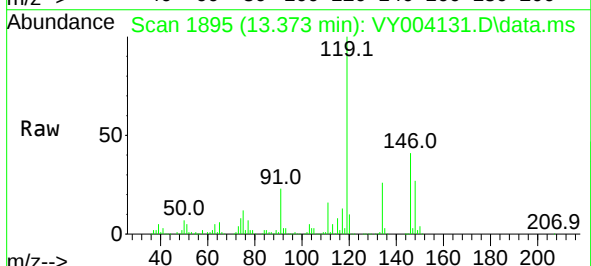
Tgt Ion:105 Resp: 209625  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 10.2 30.4

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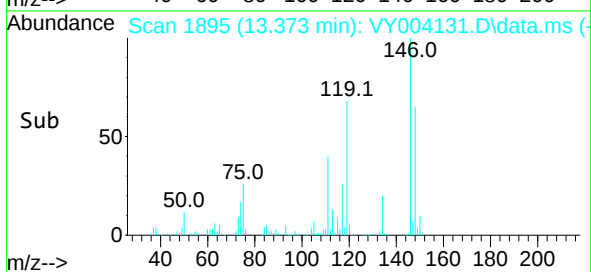
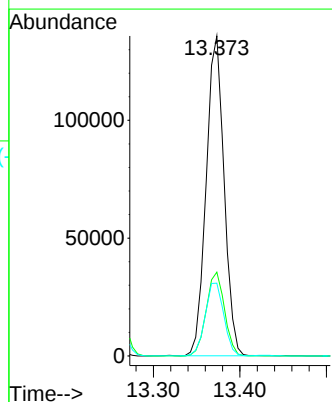
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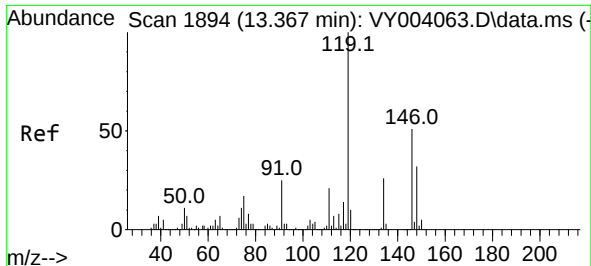


#86  
 p-Isopropyltoluene  
 Concen: 20.34 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY004131.D  
 Acq: 19 Mar 2021 12:02

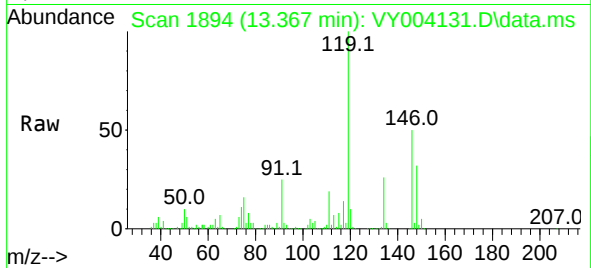


Tgt Ion:119 Resp: 194759  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 13.2 39.5  
 91 23.7 12.1 36.3

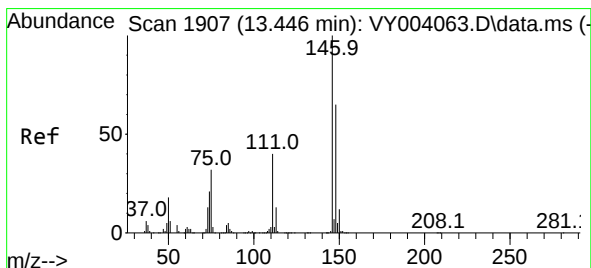
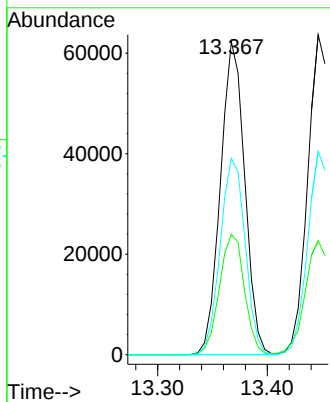
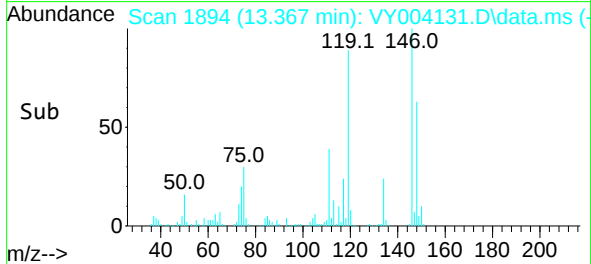




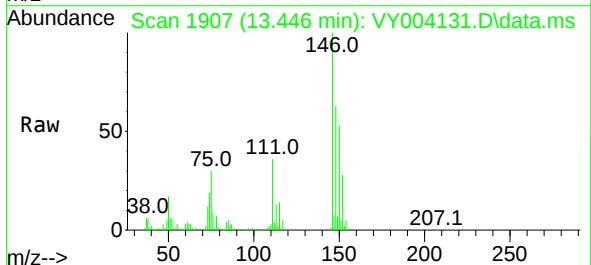
#87  
1,3-Dichlorobenzene  
Concen: 20.96 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



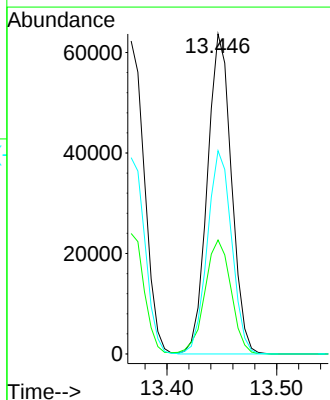
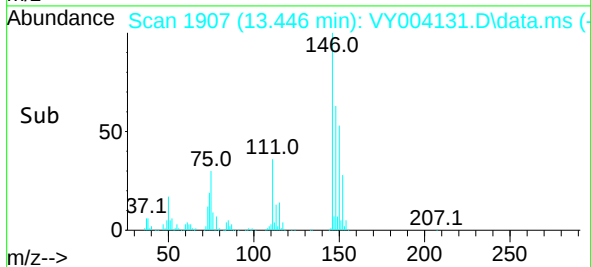
Tgt Ion:146 Resp: 95955  
Ion Ratio Lower Upper  
146 100  
111 39.5 18.9 56.7  
148 64.5 31.9 95.9



#88  
1,4-Dichlorobenzene  
Concen: 21.29 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02



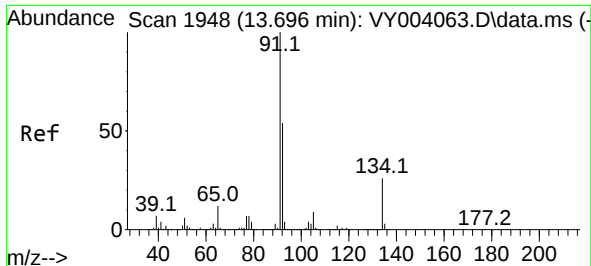
Tgt Ion:146 Resp: 97299  
Ion Ratio Lower Upper  
146 100  
111 38.6 18.6 55.8  
148 64.4 31.8 95.4



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0319SBS01

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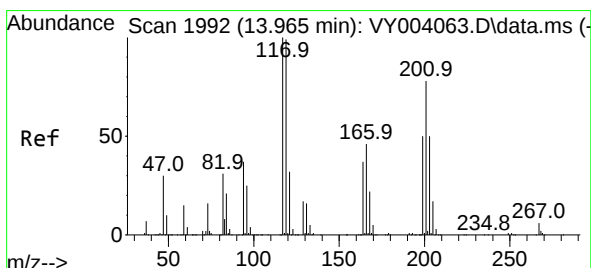
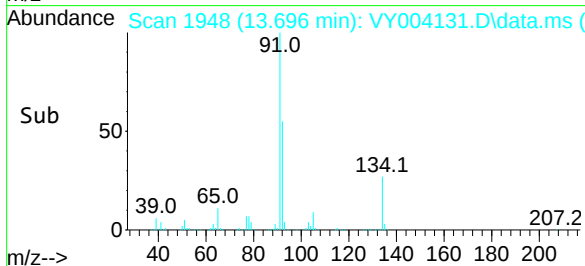
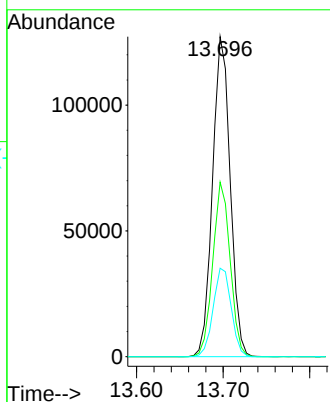
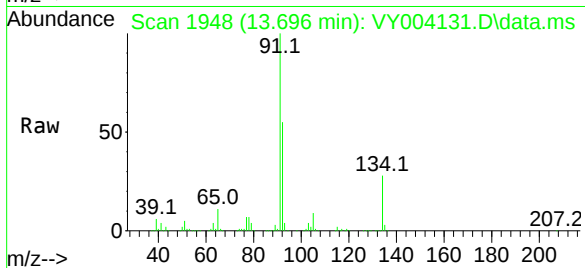
#89  
n-Butylbenzene  
Concen: 19.77 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

|             |                |
|-------------|----------------|
| Tgt Ion: 91 | Resp: 180132   |
| Ion Ratio   | Lower Upper    |
| 91          | 100            |
| 92          | 53.6 26.5 79.4 |
| 134         | 28.3 13.2 39.5 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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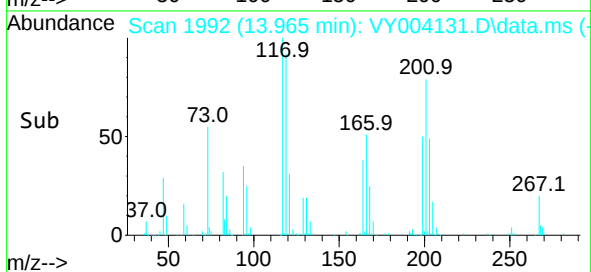
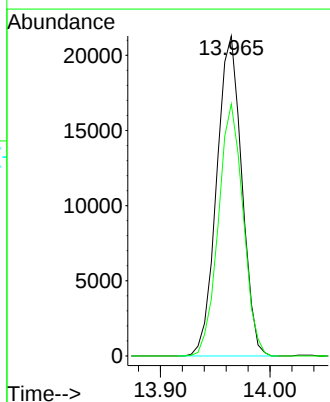
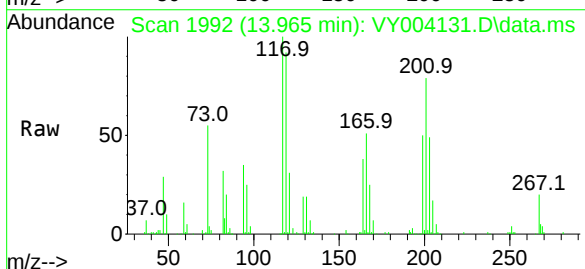
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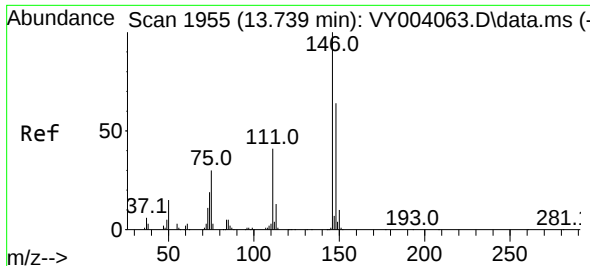
MMDadoda  
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#90  
Hexachloroethane  
Concen: 19.66 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 33829     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 201          | 77.7 46.0 138.0 |





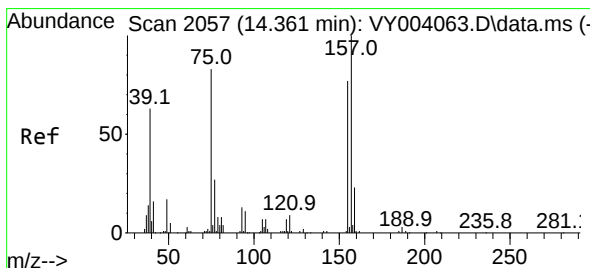
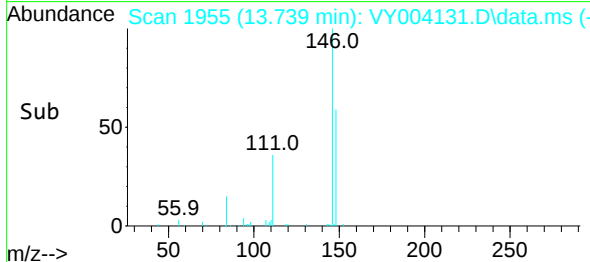
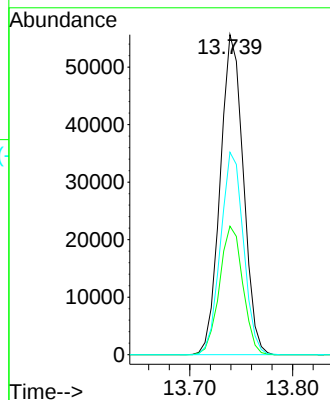
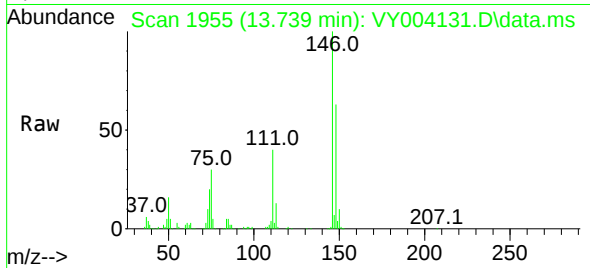
#91  
1,2-Dichlorobenzene  
Concen: 21.38 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
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Tgt Ion:146 Resp: 86797  
Ion Ratio Lower Upper  
146 100  
111 40.5 19.6 58.8  
148 62.7 31.9 95.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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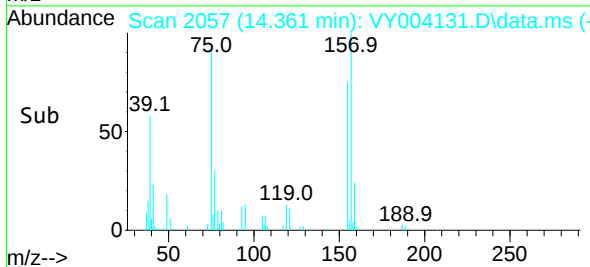
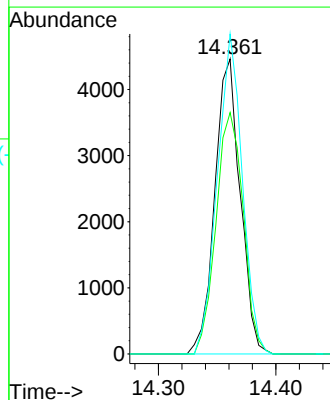
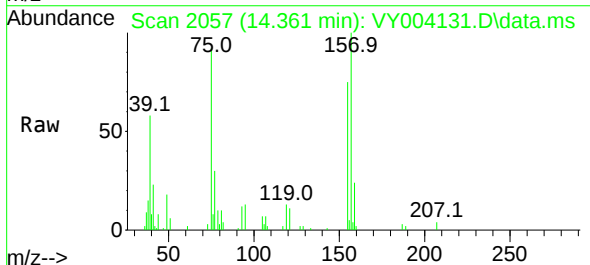
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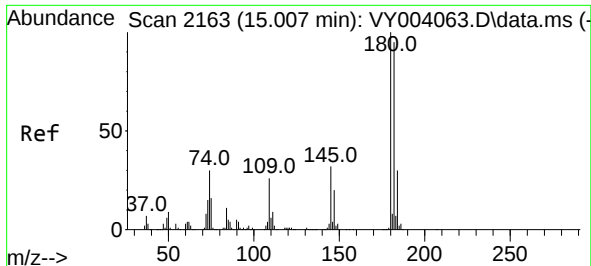
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.88 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion: 75 Resp: 6698  
Ion Ratio Lower Upper  
75 100  
155 87.8 42.8 128.4  
157 106.8 52.4 157.3





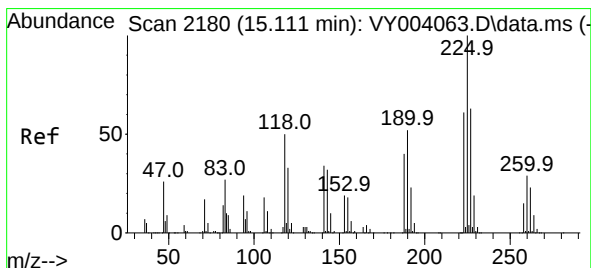
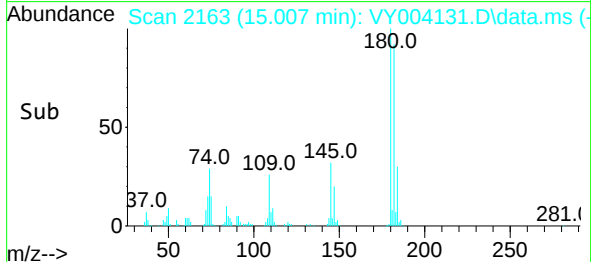
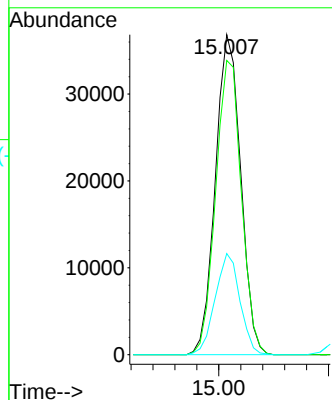
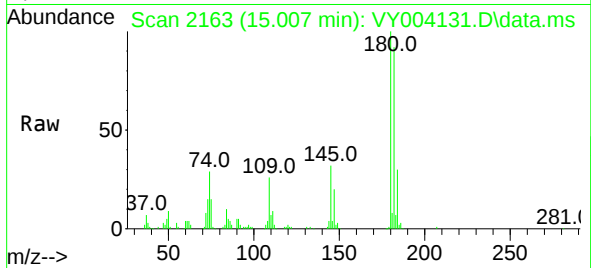
#93  
1,2,4-Trichlorobenzene  
Concen: 21.49 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY004131.D  
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Tgt Ion:180 Resp: 59166  
Ion Ratio Lower Upper  
180 100  
182 93.2 48.0 144.0  
145 30.9 14.1 42.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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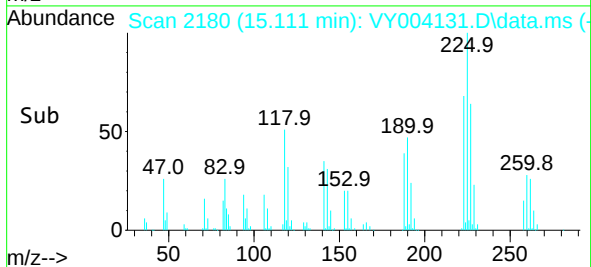
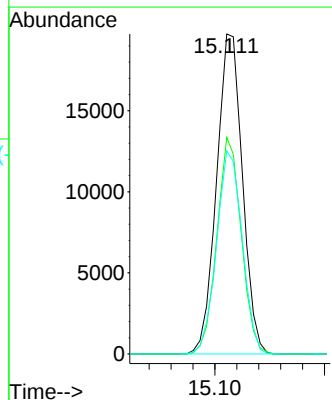
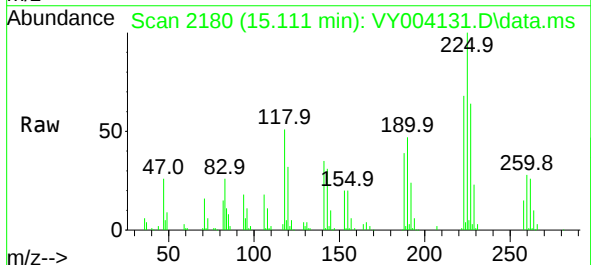
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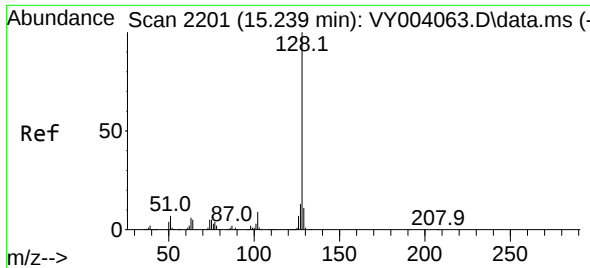
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#94  
Hexachlorobutadiene  
Concen: 20.95 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion:225 Resp: 32342  
Ion Ratio Lower Upper  
225 100  
223 63.8 31.5 94.5  
227 62.7 32.1 96.3





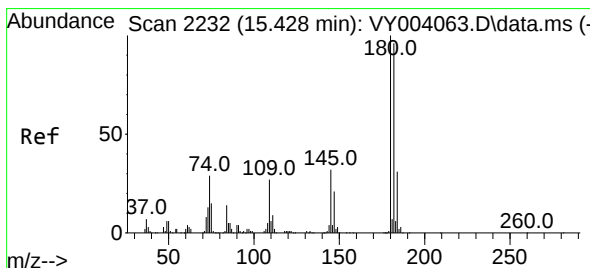
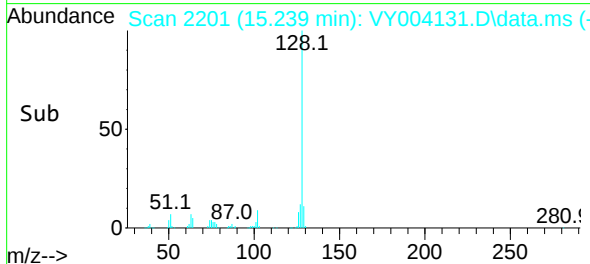
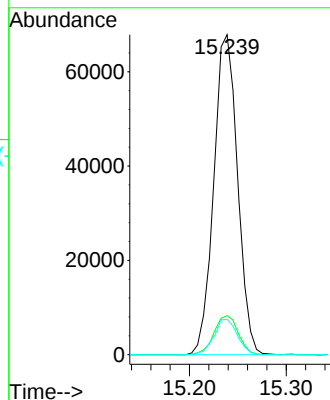
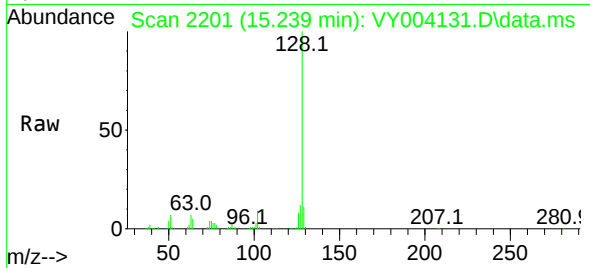
#95  
Naphthalene  
Concen: 21.24 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion:128 Resp: 115892  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.6 16.0  
129 10.9 8.7 13.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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#96  
1,2,3-Trichlorobenzene  
Concen: 21.78 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY004131.D  
Acq: 19 Mar 2021 12:02

Tgt Ion:180 Resp: 50434  
Ion Ratio Lower Upper  
180 100  
182 96.3 47.6 142.8  
145 33.2 15.3 45.9

