

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042921\  
 Data File : VY004655.D  
 Acq On : 29 Apr 2021 13:27  
 Operator : SY/MD  
 Sample : VY0429SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0429SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 4/30/2021 10:49:06 AM

Quant Time: Apr 30 04:32:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                        |                |      |                    |        |        |          |
| Internal Standards           |                |      |                    |        |        |          |
| 1) Pentafluorobenzene        | 7.795          | 168  | 165205             | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 266768             | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.490         | 117  | 242408             | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 115367             | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                    |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149          | 65   | 108554             | 59.14  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 118.28% |        |        |          |
| 35) Dibromofluoromethane     | 7.728          | 113  | 83666              | 56.51  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 113.02% |        |        |          |
| 50) Toluene-d8               | 10.185         | 98   | 356342             | 56.59  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 113.18% |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 119884             | 56.10  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 112.20% |        |        |          |
| Target Compounds             |                |      |                    |        |        |          |
|                              |                |      |                    |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906          | 85   | 36022              | 23.53  | ug/l   | 100      |
| 3) Chloromethane             | 2.119          | 50   | 50157              | 22.66  | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.260          | 62   | 51413              | 21.99  | ug/l   | 100      |
| 5) Bromomethane              | 2.650          | 94   | 26354              | 23.11  | ug/l   | 93       |
| 6) Chloroethane              | 2.796          | 64   | 31773              | 22.67  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.131          | 101  | 62170              | 21.27  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.534          | 74   | 19977              | 20.22  | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 3.900          | 101  | 33303              | 20.54  | ug/l   | 98       |
| 10) Methyl Iodide            | 4.101          | 142  | 37035              | 19.08  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 4.979          | 59   | 19644              | 108.59 | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 3.881          | 96   | 32262              | 20.12  | ug/l   | 87       |
| 13) Acrolein                 | 3.735          | 56   | 16438              | 81.74  | ug/l   | 97       |
| 14) Allyl chloride           | 4.485          | 41   | 60420              | 19.70  | ug/l   | 98       |
| 15) Acrylonitrile            | 5.180          | 53   | 55319              | 104.35 | ug/l   | 99       |
| 16) Acetone                  | 3.960          | 43   | 43455              | 100.00 | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.204          | 76   | 102560             | 20.77  | ug/l   | 99       |
| 18) Methyl Acetate           | 4.491          | 43   | 25953              | 20.30  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.235          | 73   | 95819              | 19.89  | ug/l   | 98       |
| 20) Methylene Chloride       | 4.729          | 84   | 47837              | 26.98  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.229          | 96   | 36839              | 20.30  | ug/l   | 89       |
| 22) Diisopropyl ether        | 6.131          | 45   | 126615             | 19.53  | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.076          | 43   | 444130             | 100.64 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.027          | 63   | 66187              | 19.98  | ug/l   | 98       |
| 25) 2-Butanone               | 6.997          | 43   | 72957              | 104.34 | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 6.990          | 77   | 59995              | 20.19  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 6.997          | 96   | 39656              | 19.53  | ug/l   | 98       |
| 28) Bromochloromethane       | 7.344          | 49   | 30150              | 20.03  | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.356          | 42   | 51089              | 102.27 | ug/l   | 98       |
| 30) Chloroform               | 7.515          | 83   | 64839              | 19.92  | ug/l   | 98       |
| 31) Cyclohexane              | 7.795          | 56   | 67014              | 19.92  | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 7.710          | 97   | 59582              | 20.18  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.923          | 75   | 52943              | 19.97  | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.088          | 43   | 37693              | 22.08  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 7.905          | 117  | 47921              | 20.91  | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.185          | 83   | 65147              | 19.96  | ug/l   | 96       |
| 40) Benzene                  | 8.167          | 78   | 150828             | 20.25  | ug/l   | 96       |

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Manual Integrations  
 APPROVED

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 4/30/2021 10:49:06 AM

Quant Time: Apr 30 04:32:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.326  | 41   | 18381m   | 17.77  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 48407    | 20.71  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 67173    | 20.76  | ug/l   | 99       |
| 44) Trichloroethene           | 8.941  | 130  | 41811    | 20.58  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 38672    | 20.11  | ug/l   | 97       |
| 46) Dibromomethane            | 9.313  | 93   | 21407    | 20.45  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.502  | 83   | 50832    | 20.06  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.301  | 41   | 29519    | 19.81  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 6070     | 444.02 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 175615   | 105.65 | ug/l   | 98       |
| 52) Toluene                   | 10.246 | 92   | 93104    | 19.31  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 55996    | 20.03  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 62243    | 19.61  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 29355    | 20.35  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 41449    | 19.82  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 52022    | 20.21  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 115060   | 107.52 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 118396   | 106.25 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.990 | 129  | 34361    | 20.05  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 28831    | 20.73  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 44602    | 21.13  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 97830    | 19.78  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 34613    | 19.60  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 176837   | 19.11  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 134687   | 39.16  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 62296    | 19.33  | ug/l   | 98       |
| 70) Styrene                   | 12.044 | 104  | 101879   | 19.08  | ug/l   | 98       |
| 71) Bromoform                 | 12.209 | 173  | 20958    | 20.01  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 168255   | 18.87  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 60281    | 20.08  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 33187    | 19.68  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 29788m   | 24.06  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 39164    | 19.60  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 207054   | 19.66  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 111667   | 19.39  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 143343   | 19.78  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 13059    | 18.87  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 117455   | 19.31  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 120890   | 19.49  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 143994   | 19.69  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 170972   | 19.76  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 156026   | 19.83  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 71974    | 19.28  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 73523    | 19.57  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 150162   | 19.99  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 22477    | 21.29  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 64908    | 19.59  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 6250     | 20.65  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 43824    | 20.01  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 23647    | 20.68  | ug/l   | 100      |
| 95) Naphthalene               | 15.239 | 128  | 92909    | 19.51  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 38882    | 20.12  | ug/l   | 98       |

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Sample : VY0429SBS01  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

Manual Integrations  
APPROVED

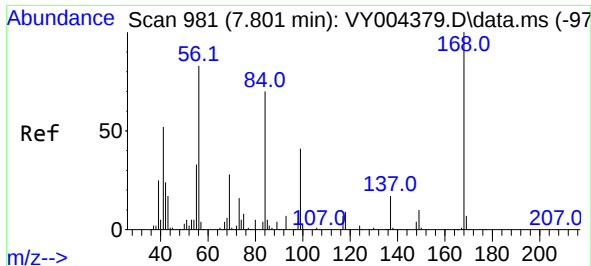
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4/30/2021 10:49:06 AM

Quant Time: Apr 30 04:32:10 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 13 03:38:02 2021  
Response via : Initial Calibration

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

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





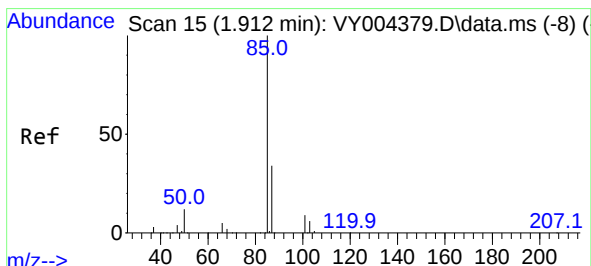
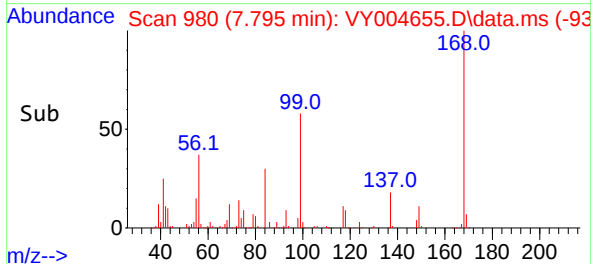
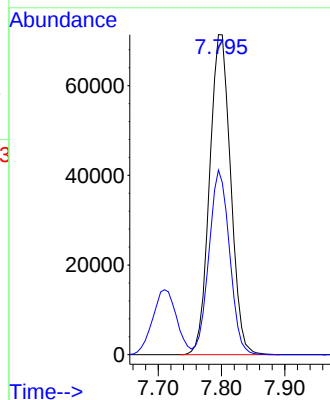
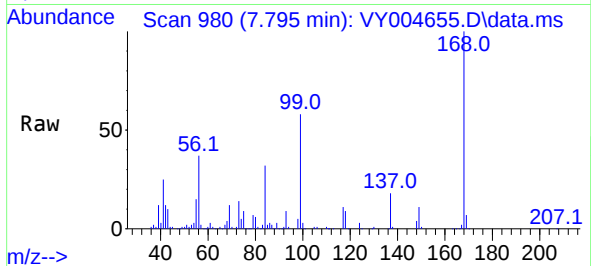
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 168 Resp: 165205  
Ion Ratio Lower Upper  
168 100  
99 57.7 45.5 68.3

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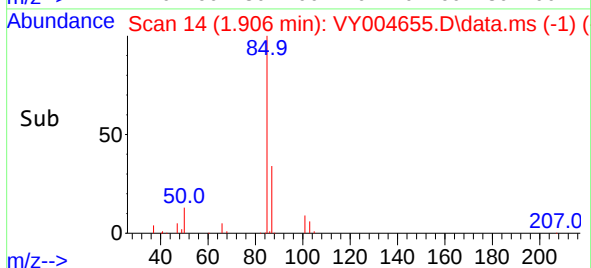
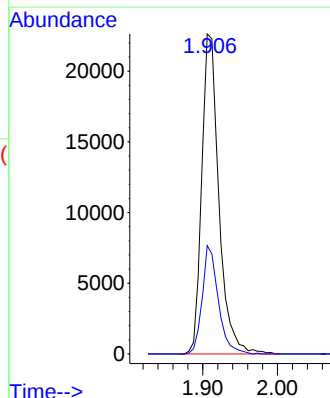
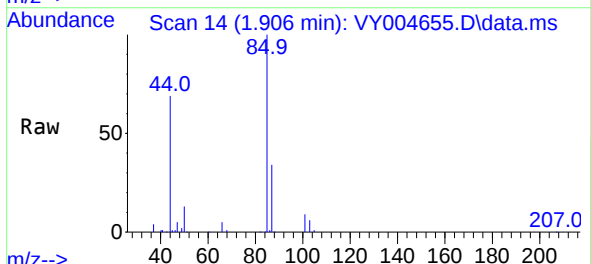
Manual Integrations  
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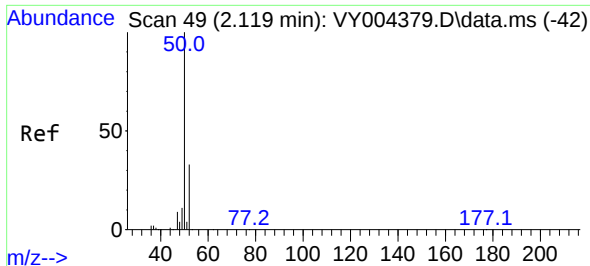
MMDadoda  
4/30/2021 10:49:06 AM



#2  
Dichlorodifluoromethane  
Concen: 23.53 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 85 Resp: 36022  
Ion Ratio Lower Upper  
85 100  
87 33.9 16.8 50.4





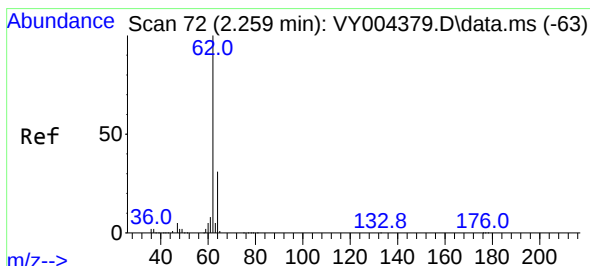
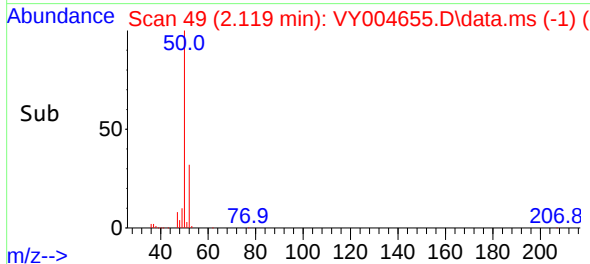
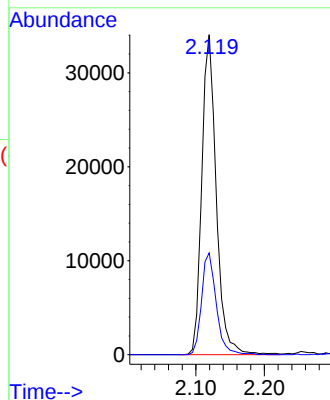
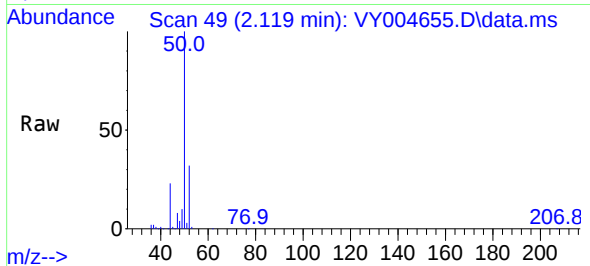
#3  
Chloromethane  
Concen: 22.66 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 50 Resp: 50157  
Ion Ratio Lower Upper  
50 100  
52 31.8 26.6 39.8

Instrument :  
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ClientSampleId :  
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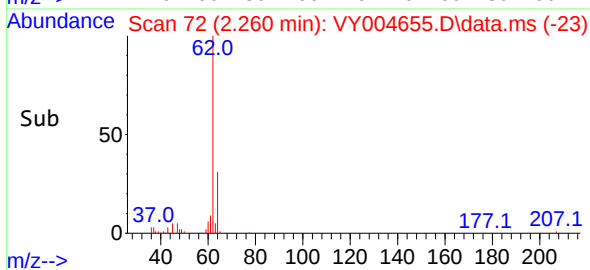
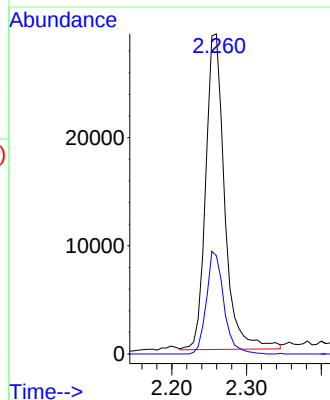
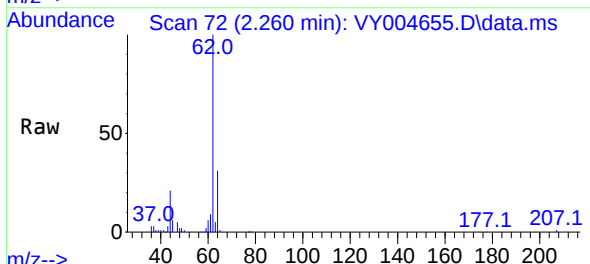
Manual Integrations  
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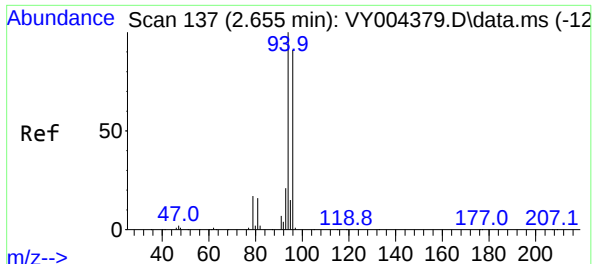
MMDadoda  
4/30/2021 10:49:06 AM



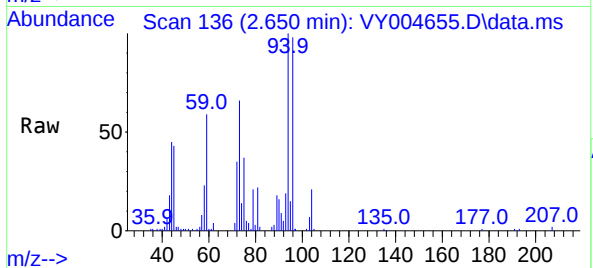
#4  
Vinyl Chloride  
Concen: 21.99 ug/l  
RT: 2.260 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 62 Resp: 51413  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.1 37.7

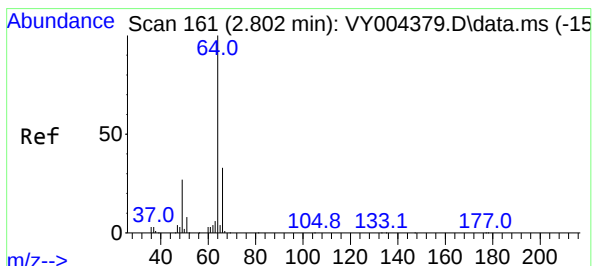
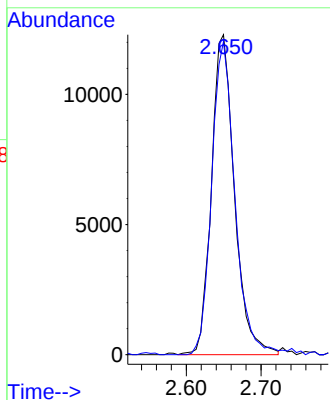
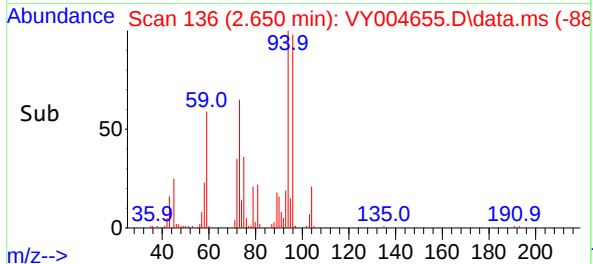




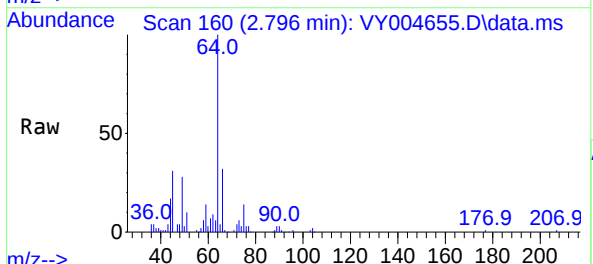
#5  
Bromomethane  
Concen: 23.11 ug/l  
RT: 2.650 min Scan# 136  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



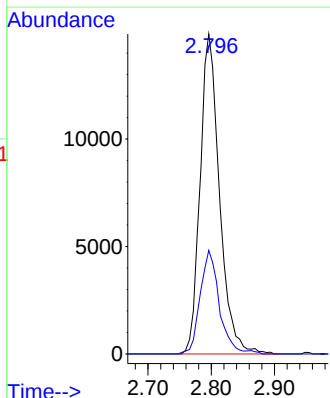
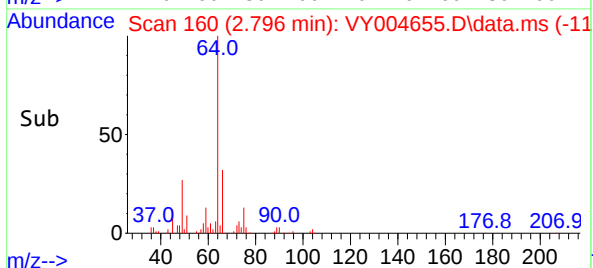
Tgt Ion: 94 Resp: 26354  
Ion Ratio Lower Upper  
94 100  
96 97.8 72.6 108.8



#6  
Chloroethane  
Concen: 22.67 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



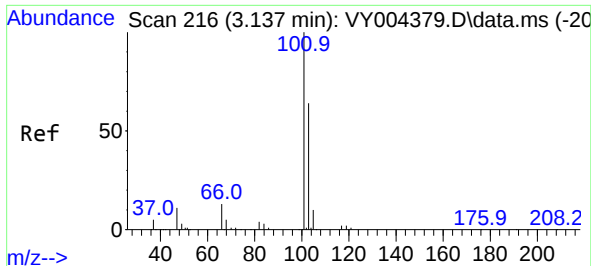
Tgt Ion: 64 Resp: 31773  
Ion Ratio Lower Upper  
64 100  
66 32.3 26.3 39.5



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MSVOA\_Y  
ClientSampleId :  
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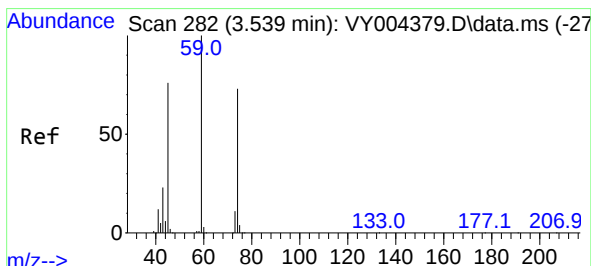
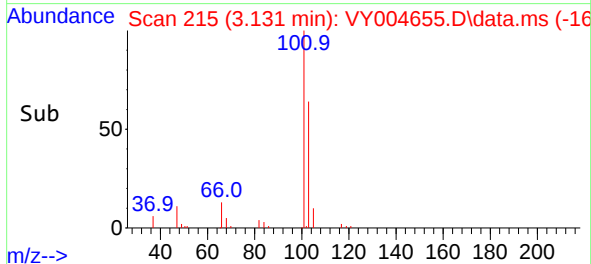
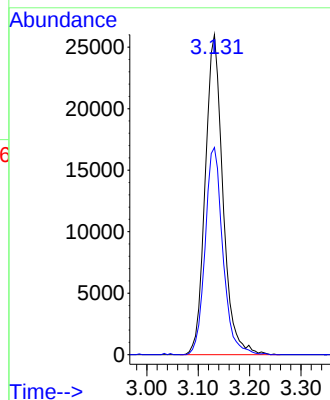
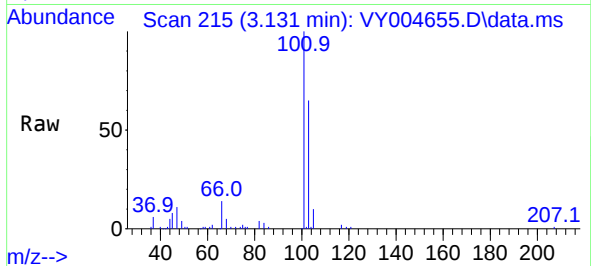
#7  
Trichlorofluoromethane  
Concen: 21.27 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion:101 Resp: 62170  
Ion Ratio Lower Upper  
101 100  
103 64.7 51.2 76.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

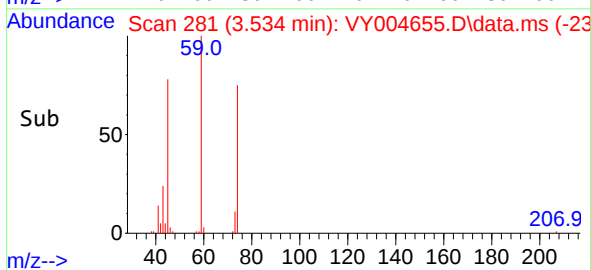
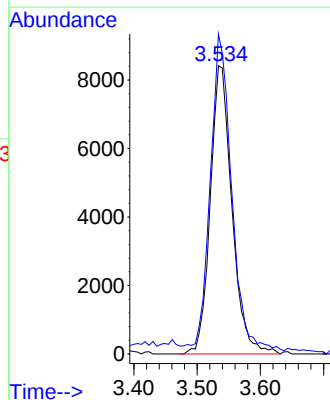
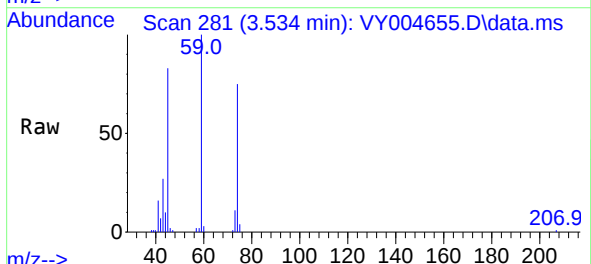
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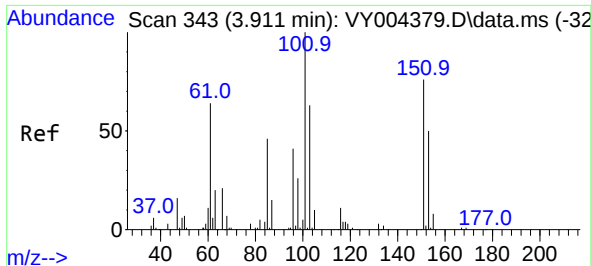
MMDadoda  
4/30/2021 10:49:06 AM



#8  
Diethyl Ether  
Concen: 20.22 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 74 Resp: 19977  
Ion Ratio Lower Upper  
74 100  
45 108.0 52.3 156.8





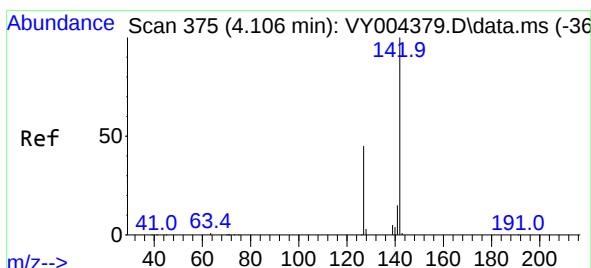
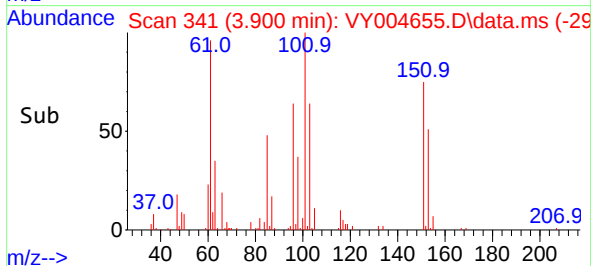
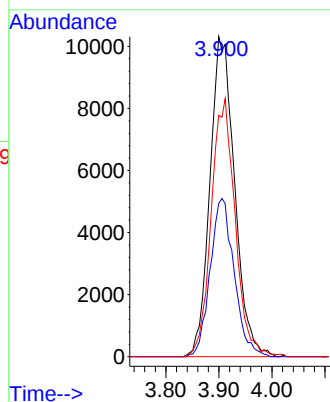
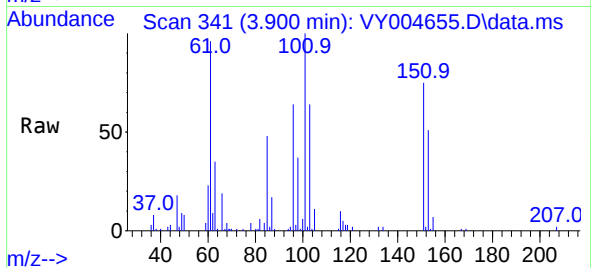
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.54 ug/l  
RT: 3.900 min Scan# 341  
Delta R.T. -0.012 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 33303 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 48.1  | 36.9  | 55.3  |
| 151       | 78.4  | 62.0  | 93.0  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

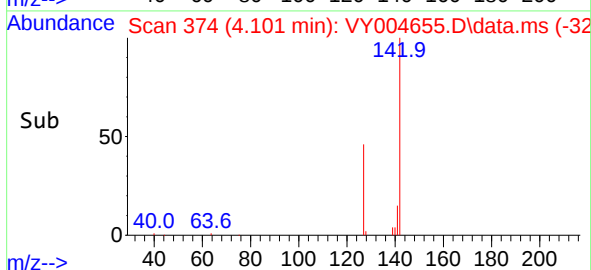
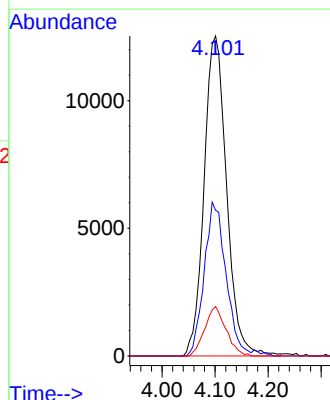
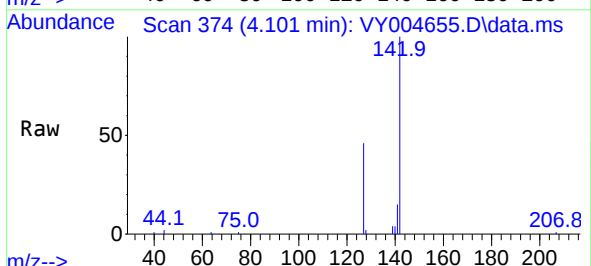
Manual Integrations  
APPROVED

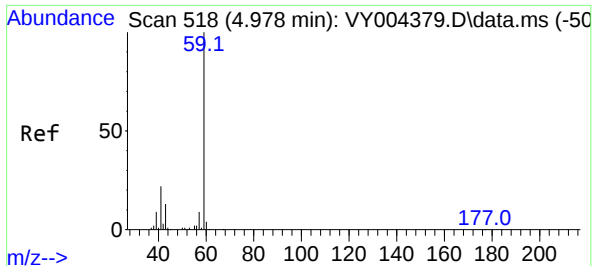
MMDadoda  
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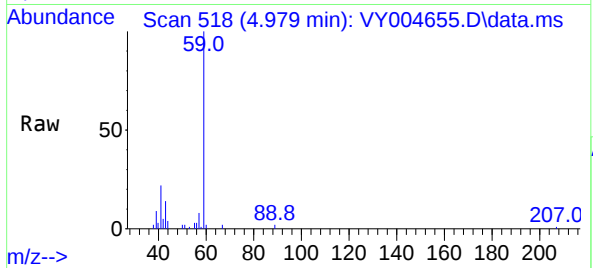
#10  
Methyl Iodide  
Concen: 19.08 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 37035 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 46.2  | 36.2  | 54.4  |
| 141       | 14.6  | 11.6  | 17.4  |

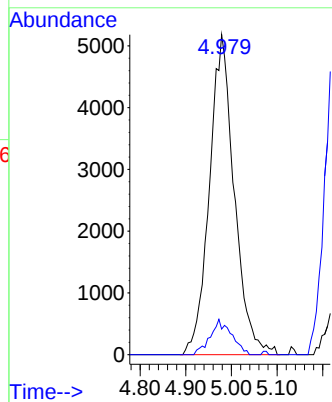
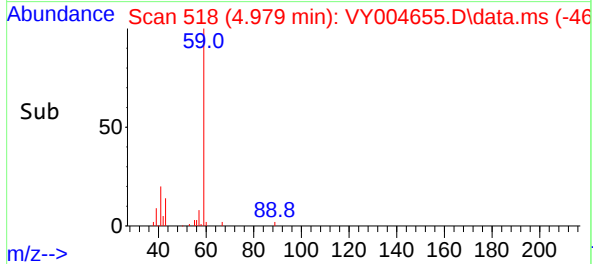




#11  
Tert butyl alcohol  
Concen: 108.59 ug/l  
RT: 4.979 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



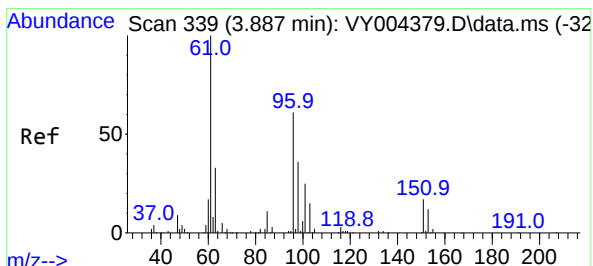
Tgt Ion: 59 Resp: 19644  
Ion Ratio Lower Upper  
59 100  
57 9.4 8.1 12.1



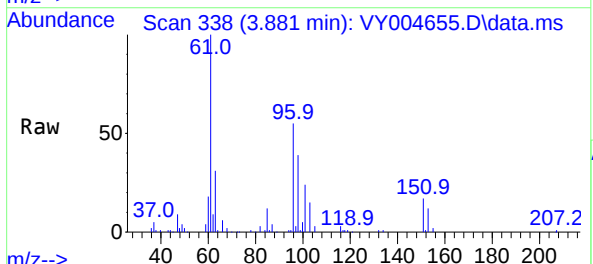
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

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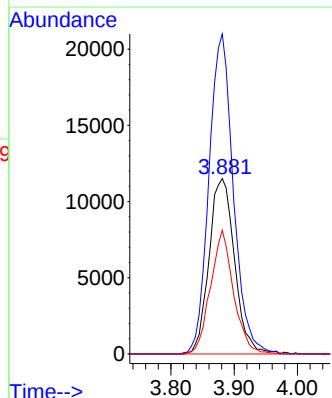
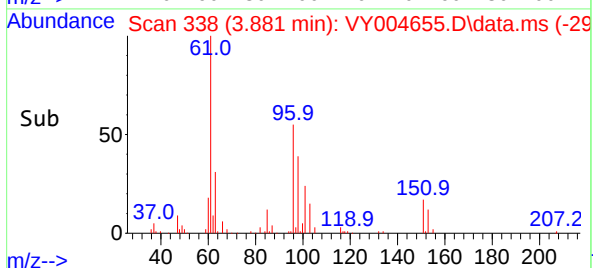
MMDadoda  
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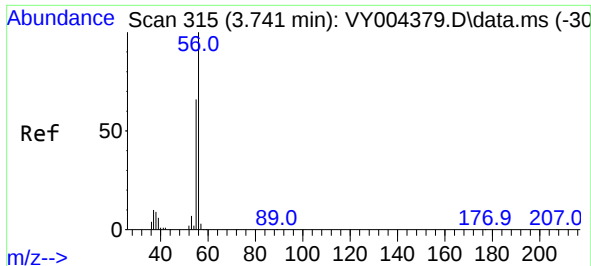


#12  
1,1-Dichloroethene  
Concen: 20.12 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

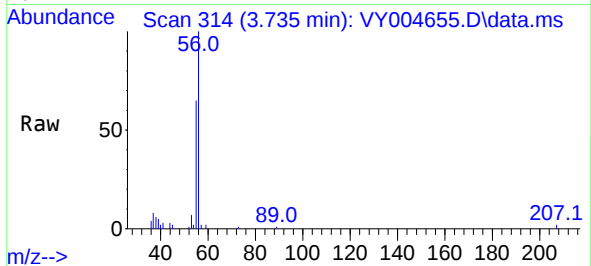


Tgt Ion: 96 Resp: 32262  
Ion Ratio Lower Upper  
96 100  
61 182.5 132.1 198.1  
98 70.5 48.2 72.2

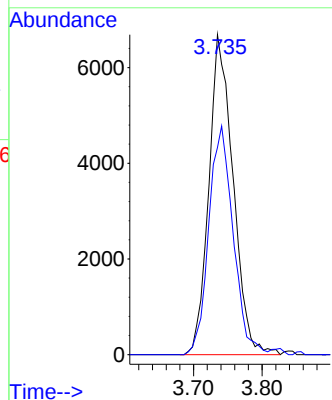




#13  
Acrolein  
Concen: 81.74 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



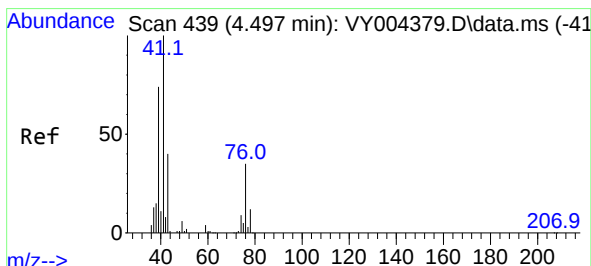
Tgt Ion: 56 Resp: 16438  
Ion Ratio Lower Upper  
56 100  
55 71.8 55.4 83.2



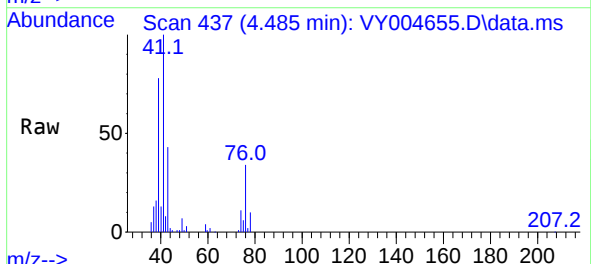
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

Manual Integrations  
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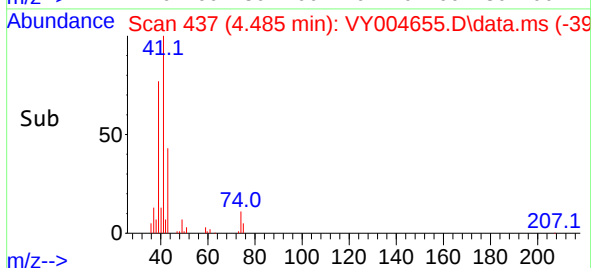
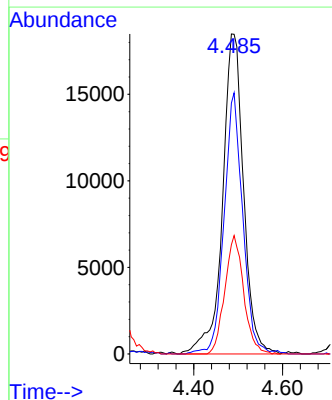
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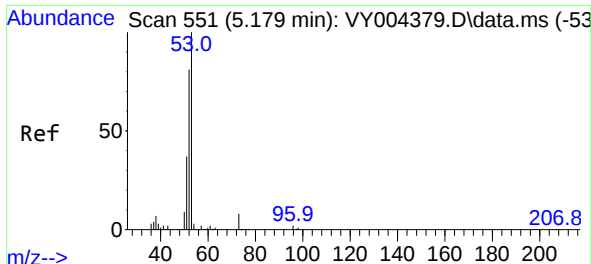


#14  
Allyl chloride  
Concen: 19.70 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.012 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



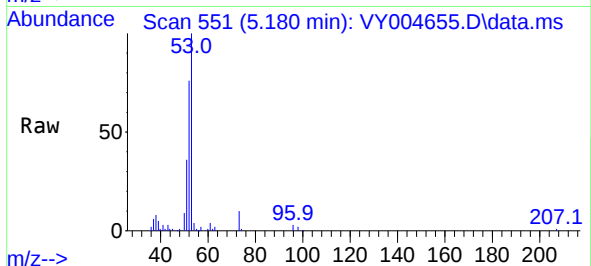
Tgt Ion: 41 Resp: 60420  
Ion Ratio Lower Upper  
41 100  
39 72.8 56.9 85.3  
76 33.3 26.8 40.2





#15  
Acrylonitrile  
Concen: 104.35 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

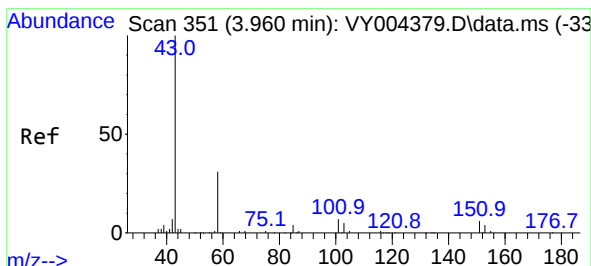
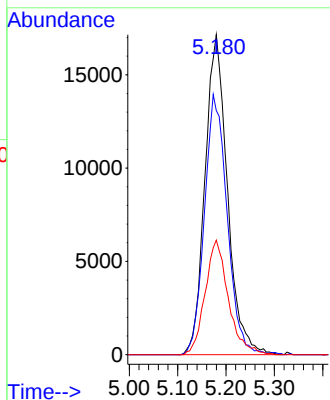
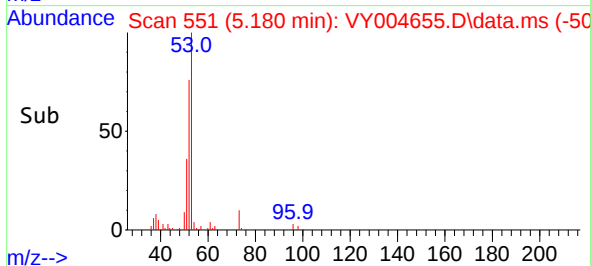
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



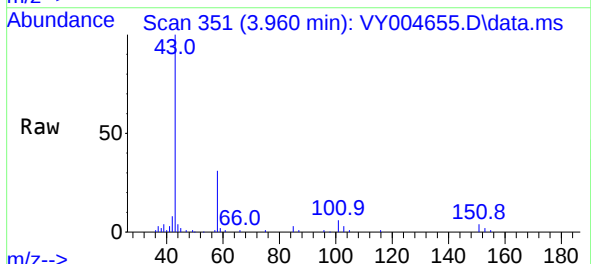
Tgt Ion: 53 Resp: 55319  
Ion Ratio Lower Upper  
53 100  
52 82.2 64.9 97.3  
51 37.1 29.3 43.9

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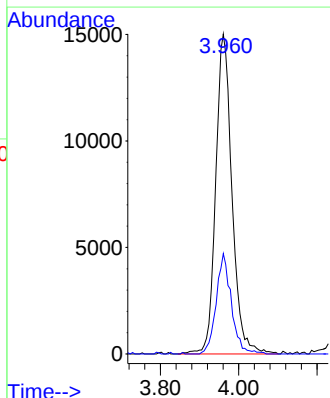
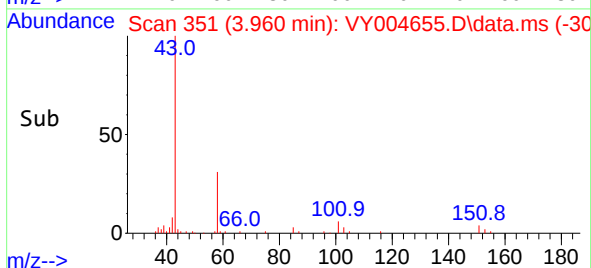
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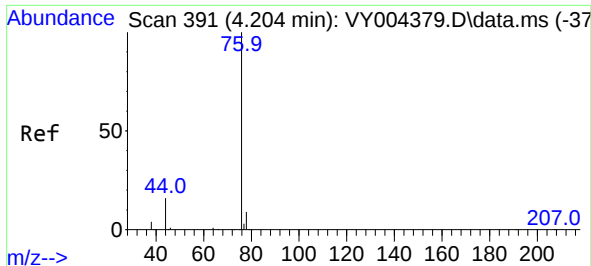


#16  
Acetone  
Concen: 100.00 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



Tgt Ion: 43 Resp: 43455  
Ion Ratio Lower Upper  
43 100  
58 31.3 24.6 37.0



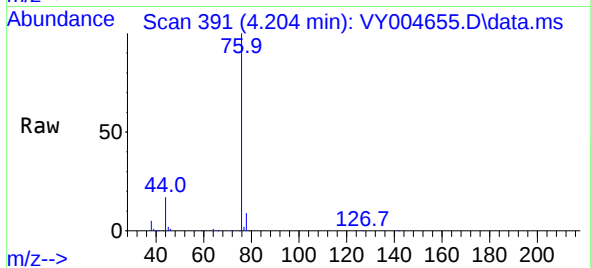


#17  
Carbon Disulfide  
Concen: 20.77 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

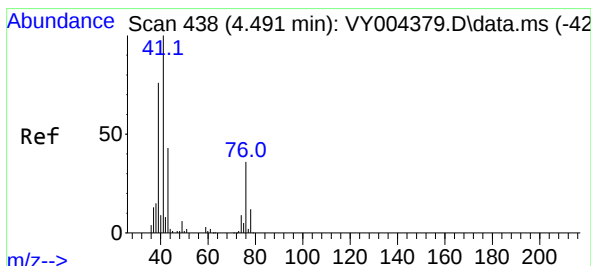
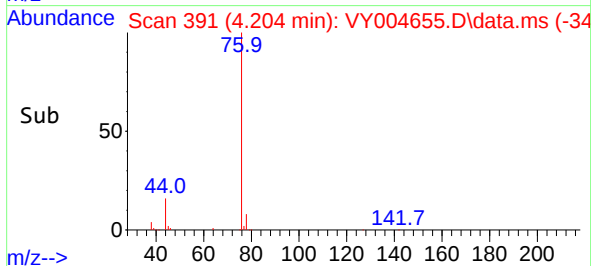
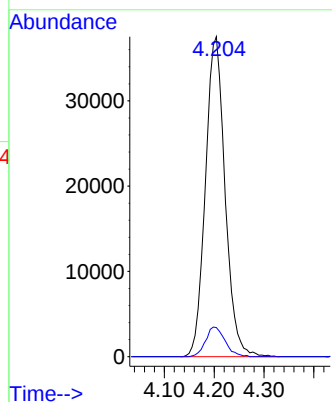
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

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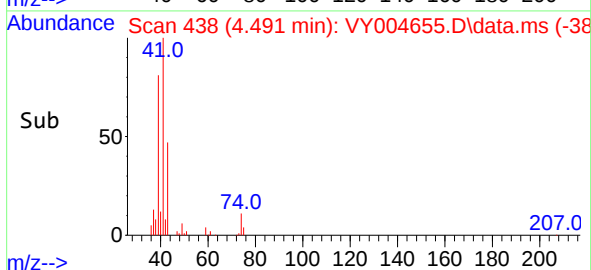
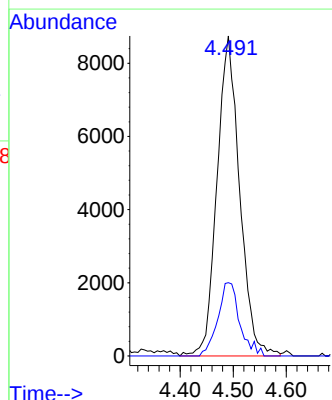
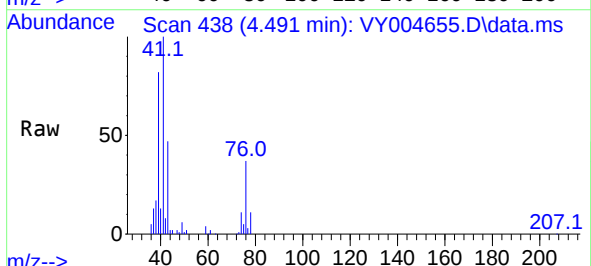


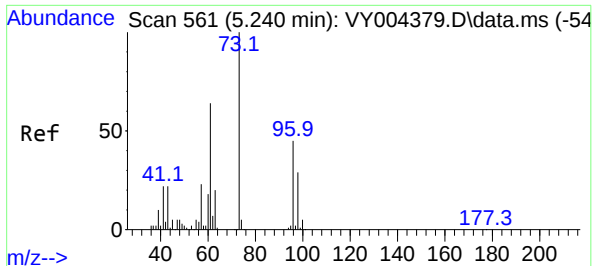
Tgt Ion: 76 Resp: 102560  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.2



#18  
Methyl Acetate  
Concen: 20.30 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 43 Resp: 25953  
Ion Ratio Lower Upper  
43 100  
74 22.1 17.2 25.8





#19

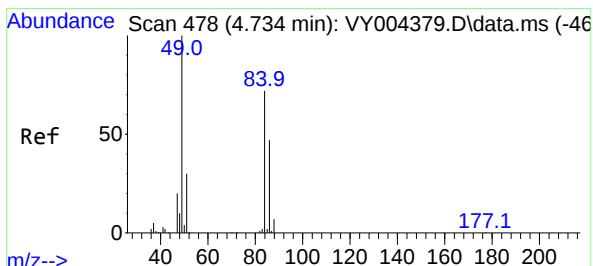
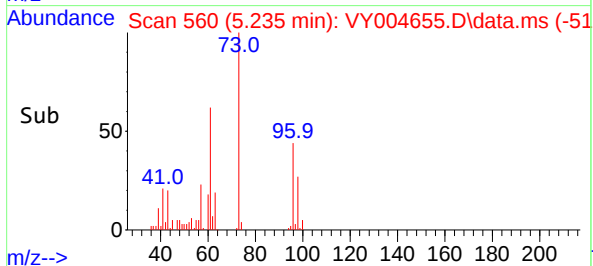
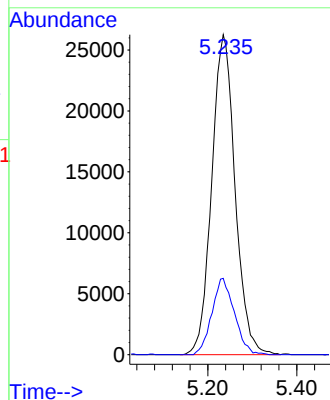
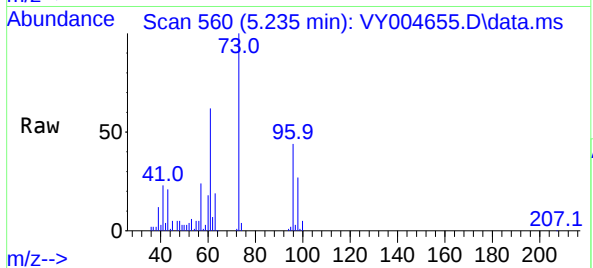
Methyl tert-butyl Ether  
Concen: 19.89 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 73 Resp: 95819  
Ion Ratio Lower Upper  
73 100  
57 23.8 18.4 27.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

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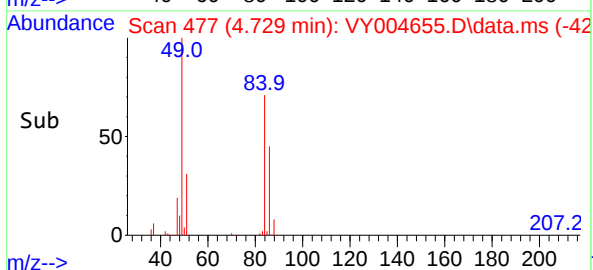
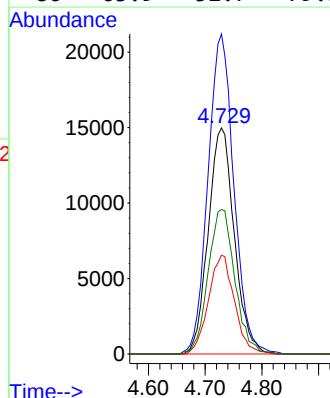
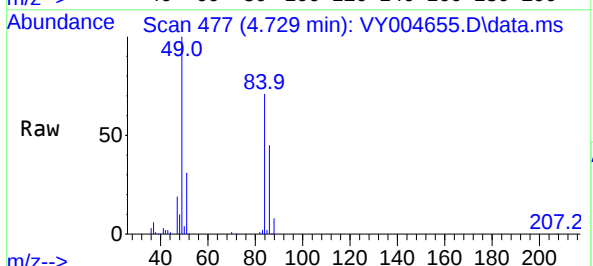
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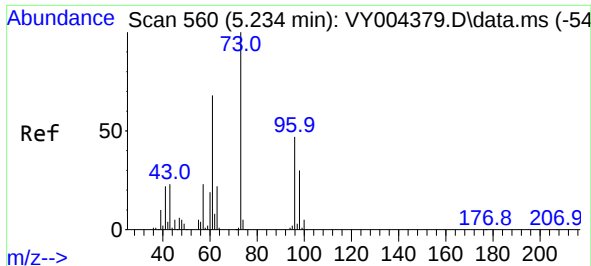


#20

Methylene Chloride  
Concen: 26.98 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

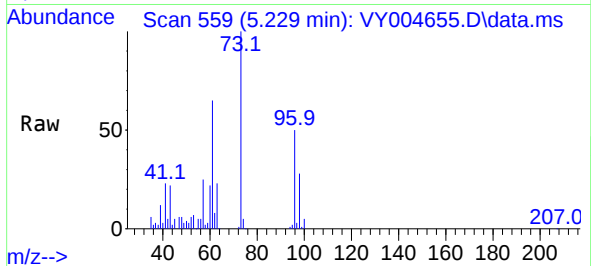
Tgt Ion: 84 Resp: 47837  
Ion Ratio Lower Upper  
84 100  
49 141.6 111.2 166.8  
51 43.6 33.4 50.2  
86 63.9 52.7 79.1





#21  
trans-1,2-Dichloroethene  
Concen: 20.30 ug/l  
RT: 5.229 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

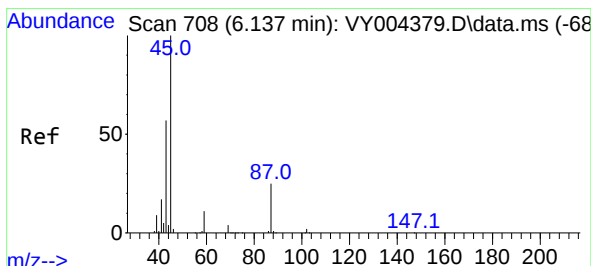
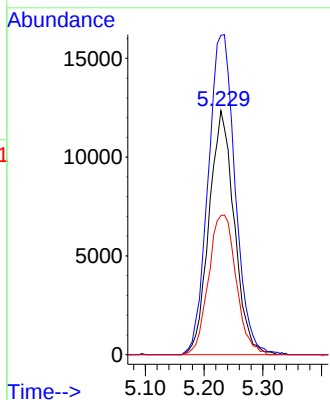
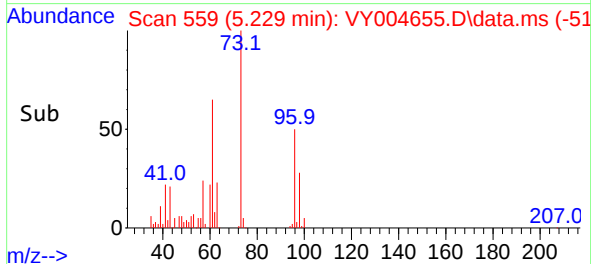
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



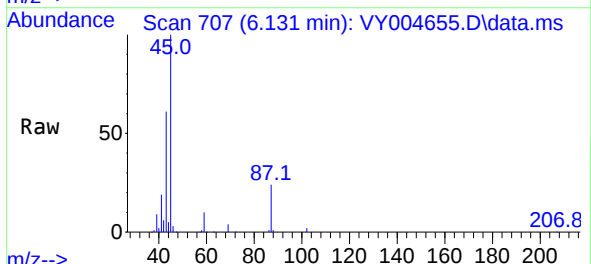
Tgt Ion: 96 Resp: 36839  
Ion Ratio Lower Upper  
96 100  
61 130.9 116.5 174.7  
98 57.0 52.0 78.0

Manual Integrations  
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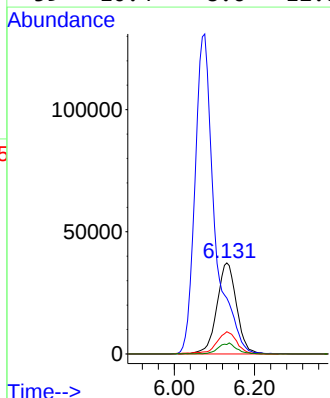
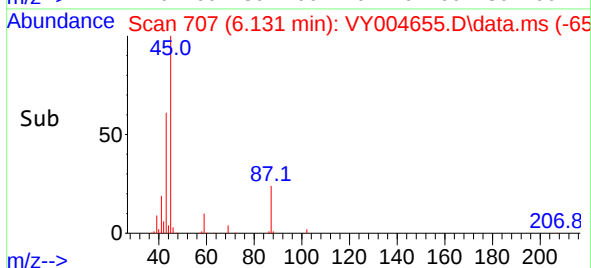
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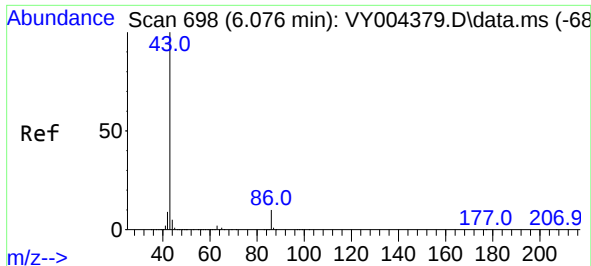


#22  
Diisopropyl ether  
Concen: 19.53 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



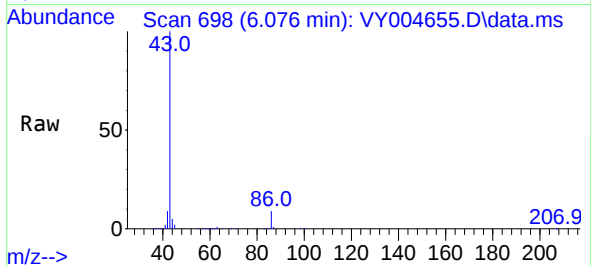
Tgt Ion: 45 Resp: 126615  
Ion Ratio Lower Upper  
45 100  
43 61.0 46.3 69.5  
87 24.4 20.3 30.5  
59 10.4 8.6 12.8





#23  
 Vinyl Acetate  
 Concen: 100.64 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. 0.000 min  
 Lab File: VY004655.D  
 Acq: 29 Apr 2021 13:27

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0429SBS01

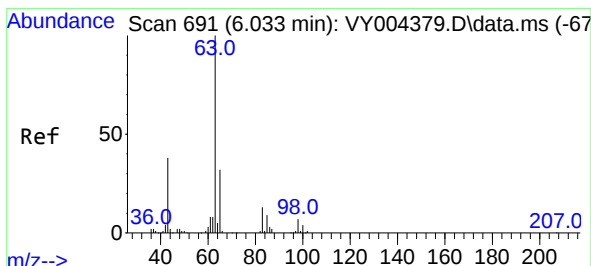
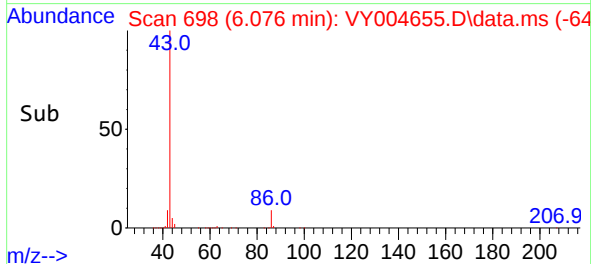
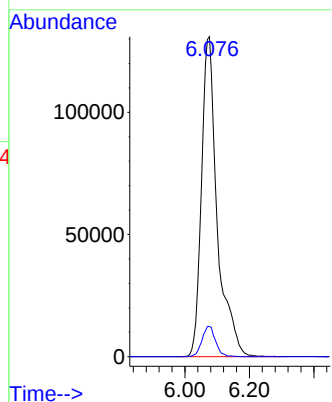


Tgt Ion: 43 Resp: 444130  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 9.5   | 7.6   | 11.4  |

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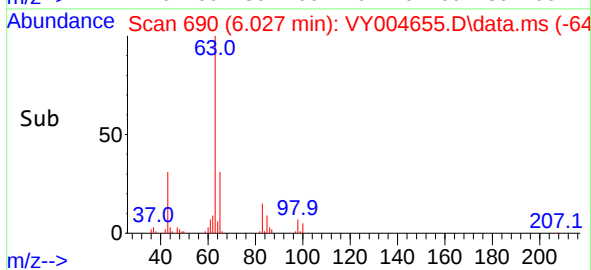
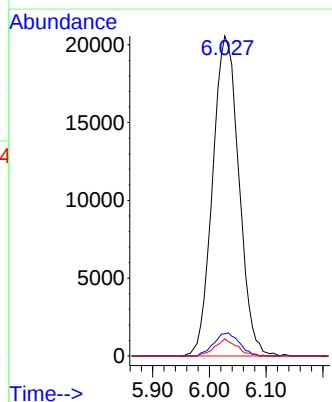
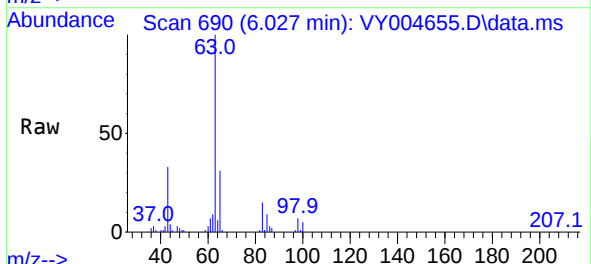
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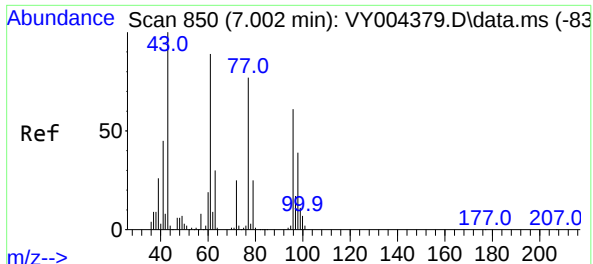


#24  
 1,1-Dichloroethane  
 Concen: 19.98 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.006 min  
 Lab File: VY004655.D  
 Acq: 29 Apr 2021 13:27

Tgt Ion: 63 Resp: 66187  

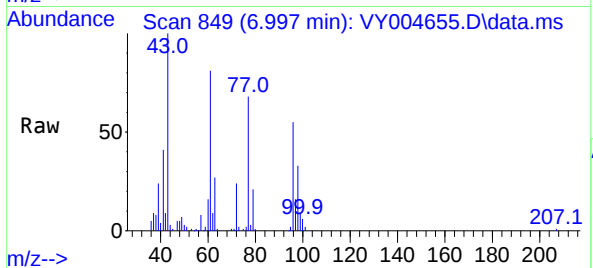
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.0   | 3.3   | 9.9   |
| 100 | 5.4   | 2.0   | 6.0   |





#25  
2-Butanone  
Concen: 104.34 ug/l  
RT: 6.997 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

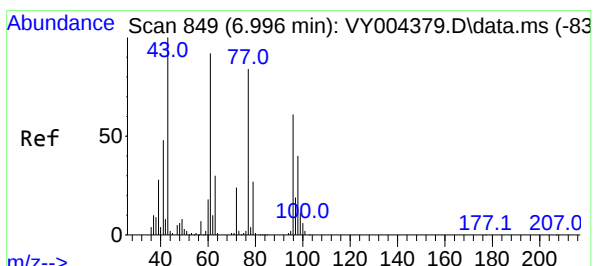
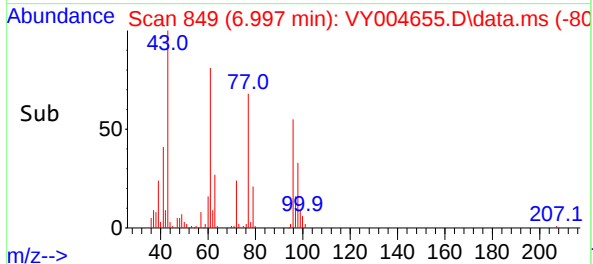
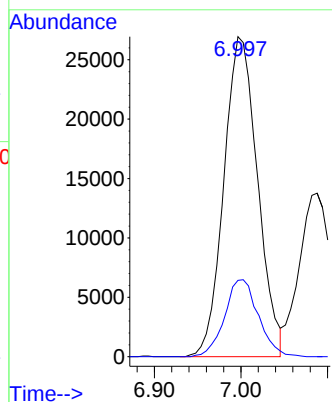
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



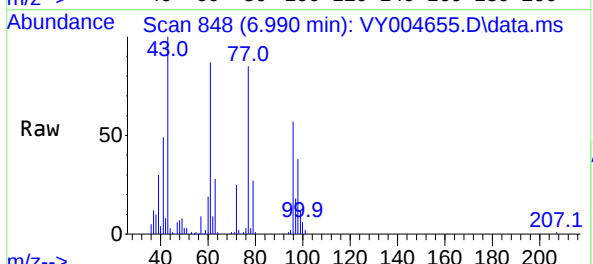
Tgt Ion: 43 Resp: 72957  
Ion Ratio Lower Upper  
43 100  
72 23.9 20.2 30.2

Manual Integrations  
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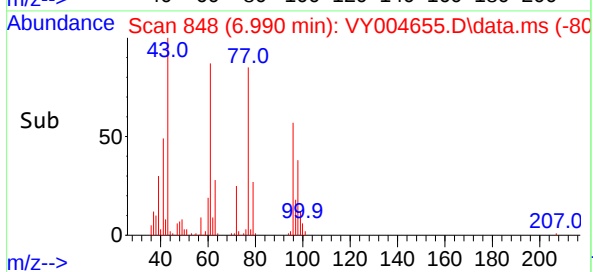
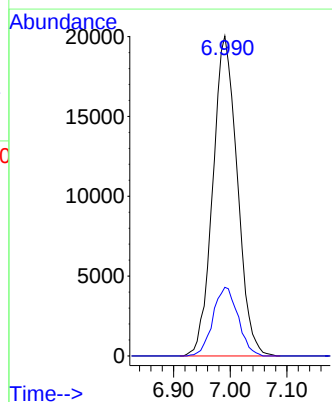
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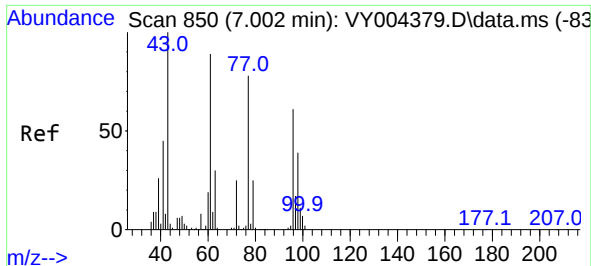


#26  
2,2-Dichloropropane  
Concen: 20.19 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



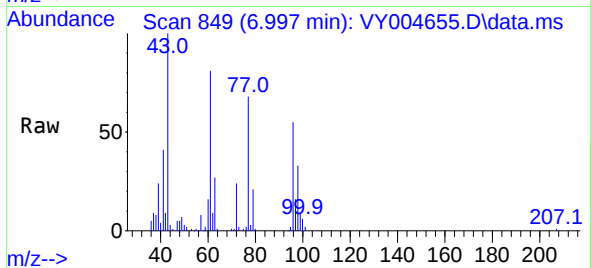
Tgt Ion: 77 Resp: 59995  
Ion Ratio Lower Upper  
77 100  
97 22.0 11.1 33.3





#27  
 cis-1,2-Dichloroethene  
 Concen: 19.53 ug/l  
 RT: 6.997 min Scan# 849  
 Delta R.T. -0.006 min  
 Lab File: VY004655.D  
 Acq: 29 Apr 2021 13:27

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0429SBS01

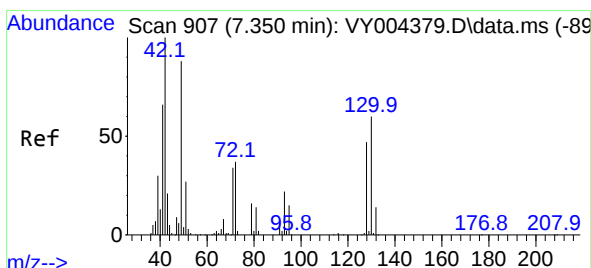
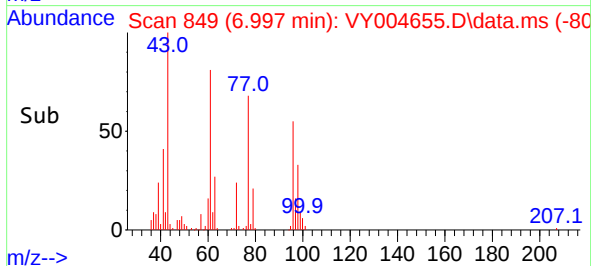
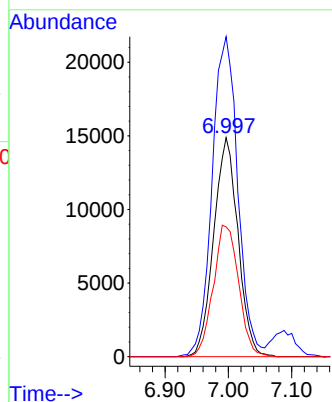


Tgt Ion: 96 Resp: 39656  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 154.4 | 0.0   | 303.2 |
| 98  | 62.7  | 0.0   | 130.0 |

Manual Integrations  
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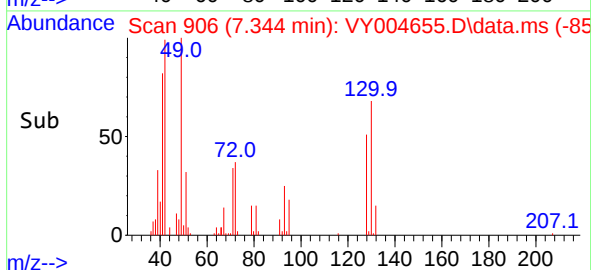
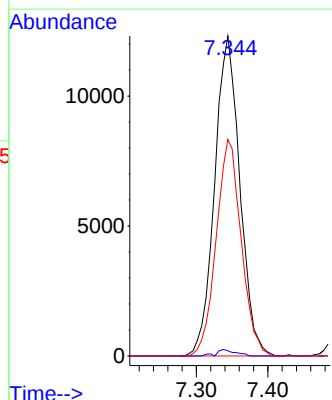
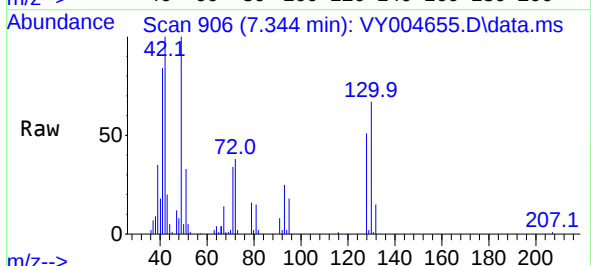
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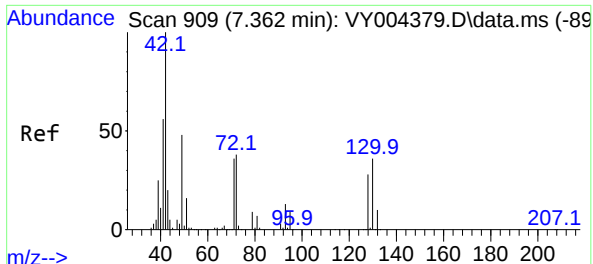


#28  
 Bromochloromethane  
 Concen: 20.03 ug/l  
 RT: 7.344 min Scan# 906  
 Delta R.T. -0.006 min  
 Lab File: VY004655.D  
 Acq: 29 Apr 2021 13:27

Tgt Ion: 49 Resp: 30150  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.5   | 0.0   | 3.8   |
| 130 | 67.1  | 53.9  | 80.9  |





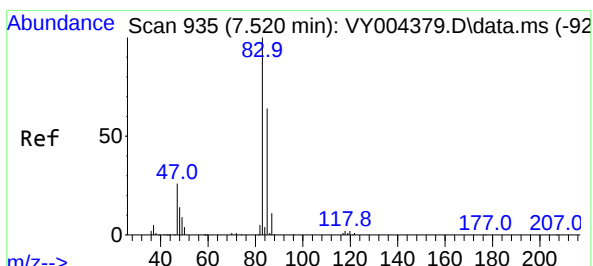
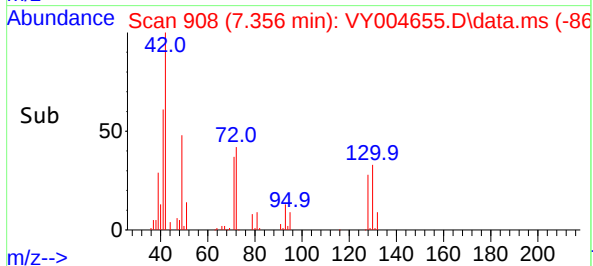
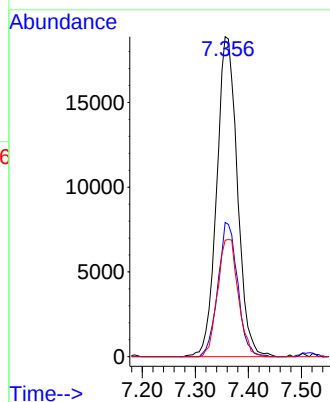
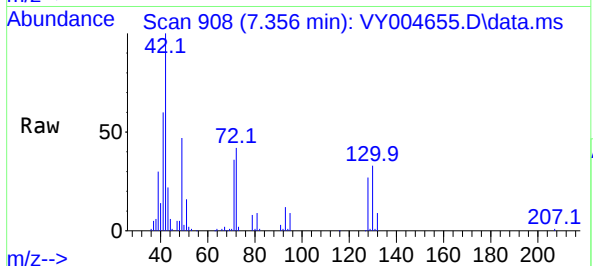
#29  
Tetrahydrofuran  
Concen: 102.27 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 51089 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 39.8  | 31.0  | 46.4  |
| 71       | 36.7  | 28.8  | 43.2  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

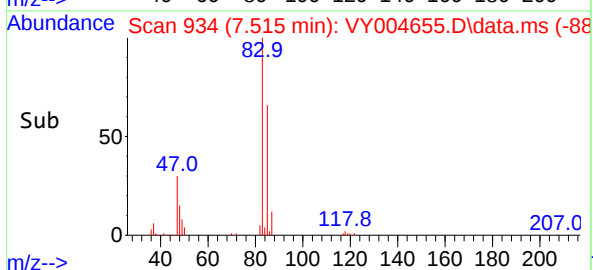
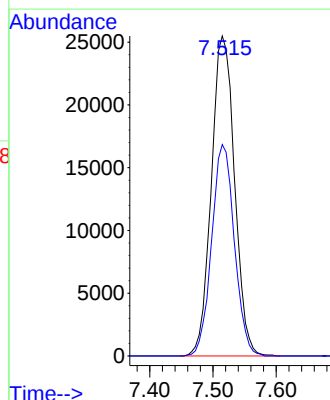
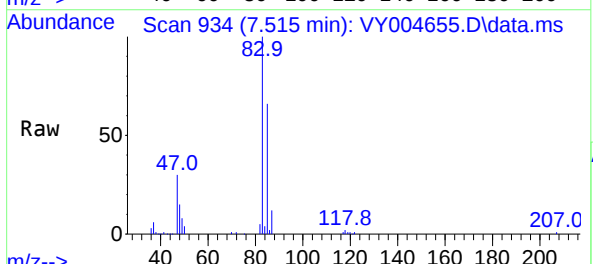
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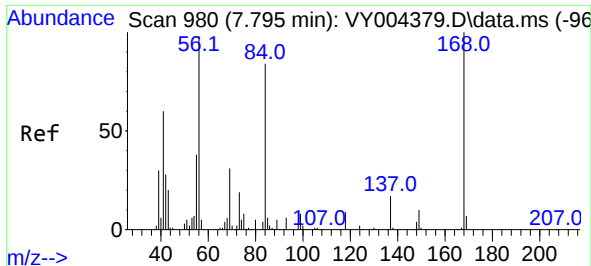
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#30  
Chloroform  
Concen: 19.92 ug/l  
RT: 7.515 min Scan# 934  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

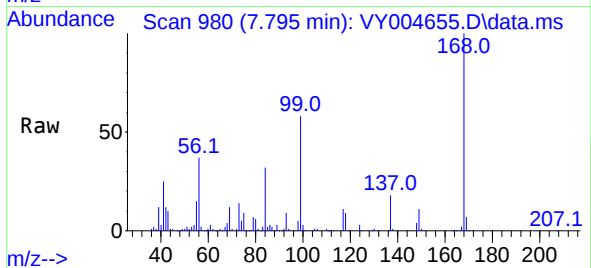
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 64839 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.0  | 51.3  | 76.9  |





#31  
Cyclohexane  
Concen: 19.92 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

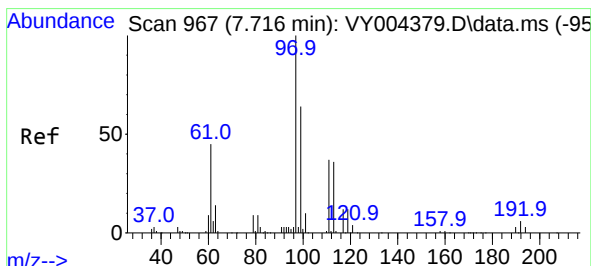
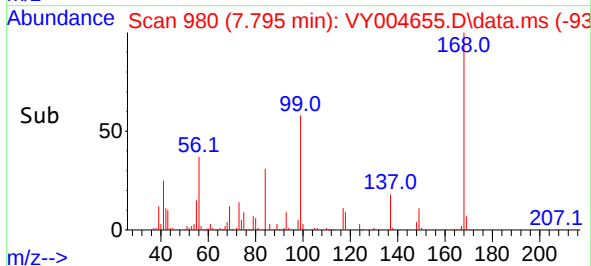
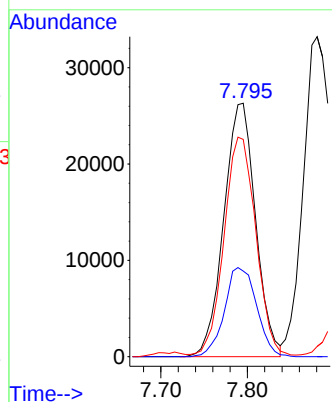
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



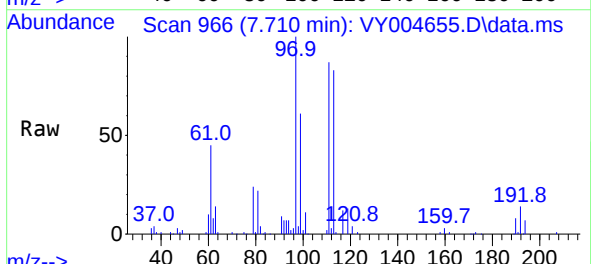
Tgt Ion: 56 Resp: 67014  
Ion Ratio Lower Upper  
56 100  
69 33.8 25.8 38.6  
84 84.4 68.2 102.4

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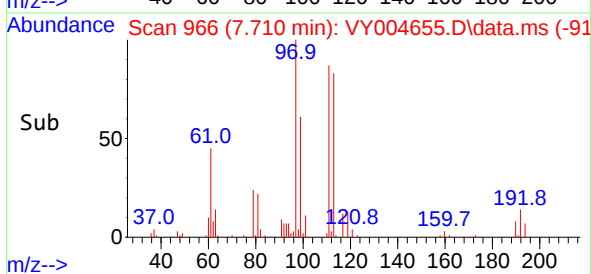
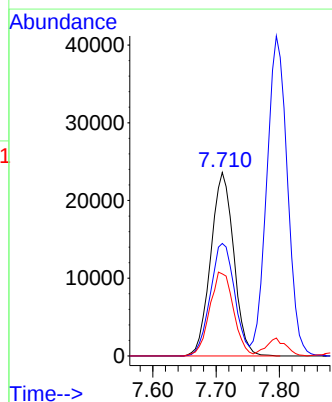
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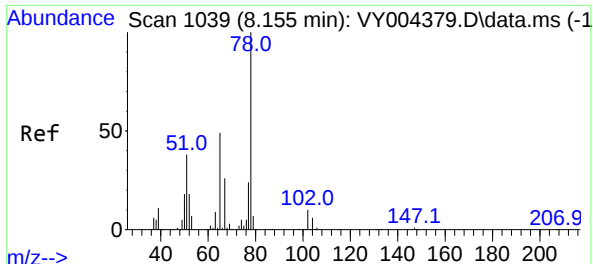


#32  
1,1,1-Trichloroethane  
Concen: 20.18 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

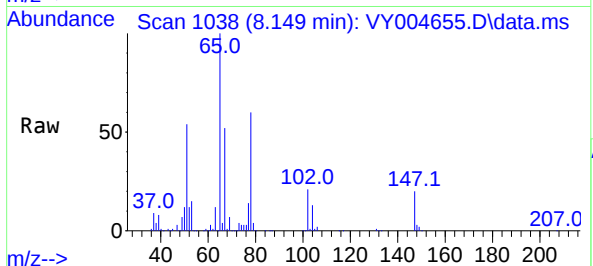


Tgt Ion: 97 Resp: 59582  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.2 76.8  
61 47.3 36.2 54.2

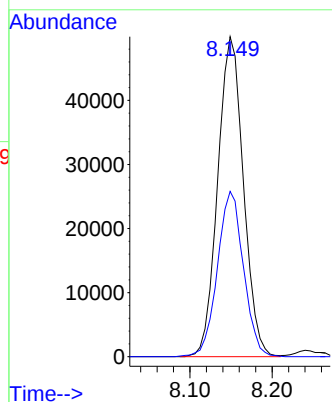




#33  
1,2-Dichloroethane-d4  
Concen: 59.14 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



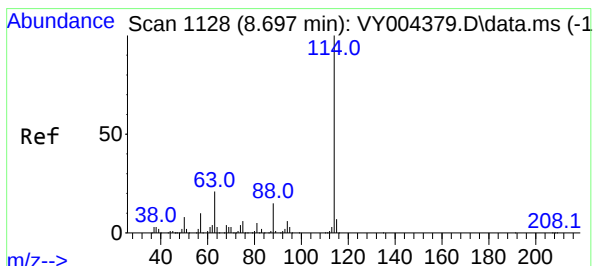
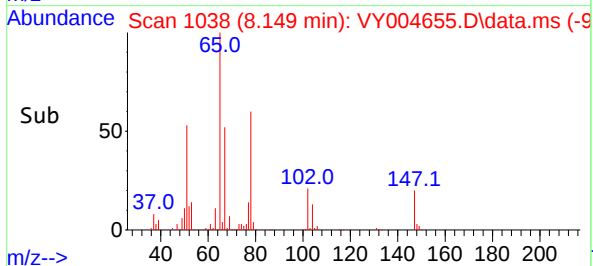
Tgt Ion: 65 Resp: 108554  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 106.4



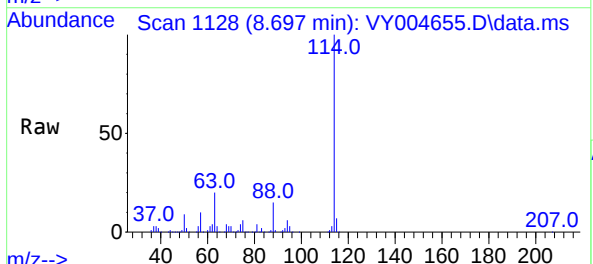
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

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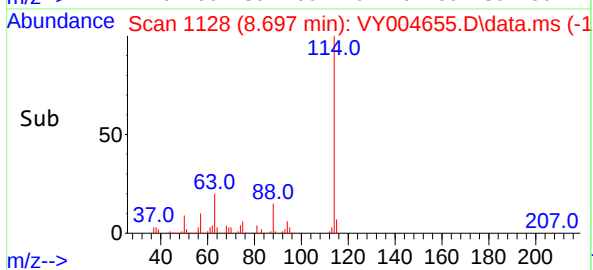
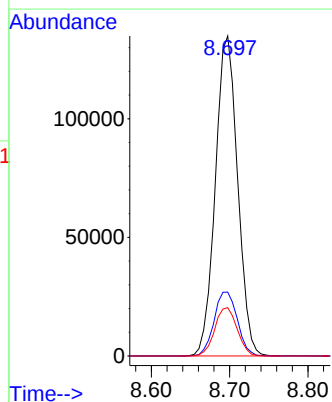
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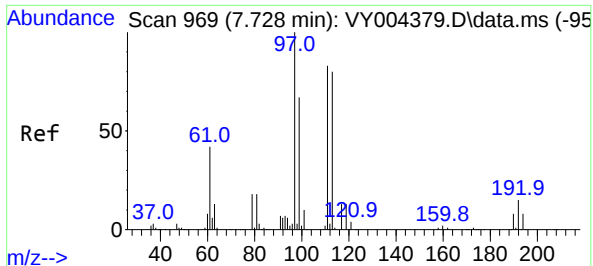


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



Tgt Ion: 114 Resp: 266768  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 42.4  
88 15.1 0.0 30.8





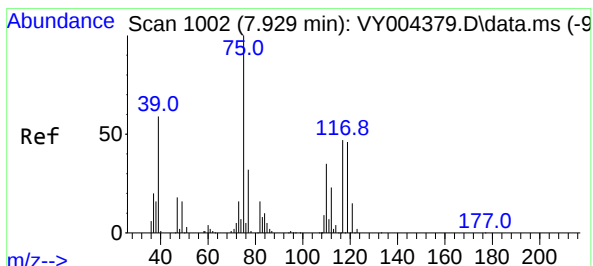
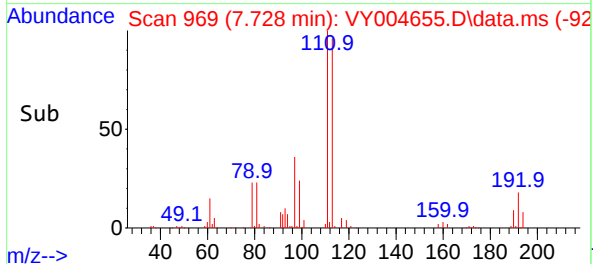
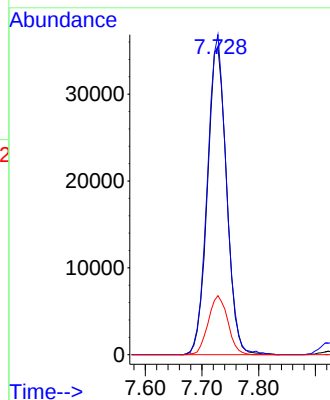
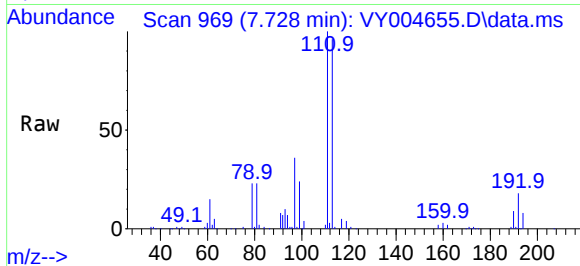
#35  
Dibromofluoromethane  
Concen: 56.51 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 83666 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.5 | 82.6  | 123.8 |
| 192      | 19.4  | 16.1  | 24.1  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

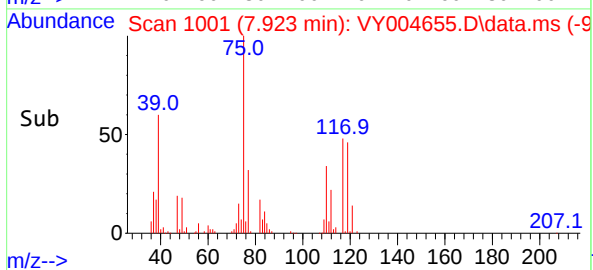
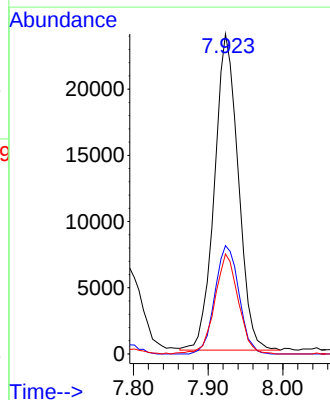
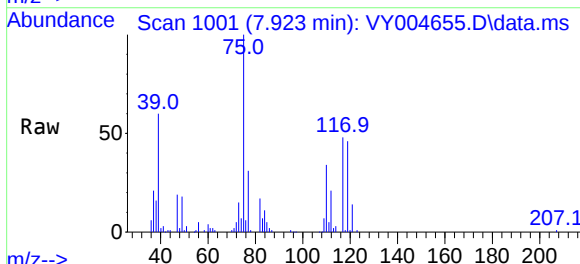
Manual Integrations  
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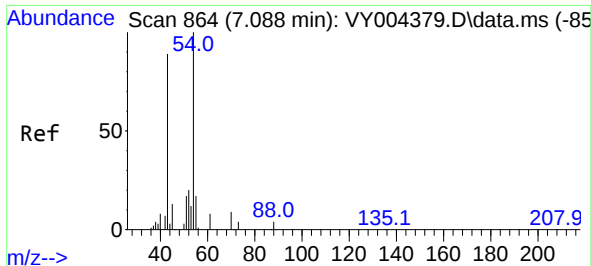
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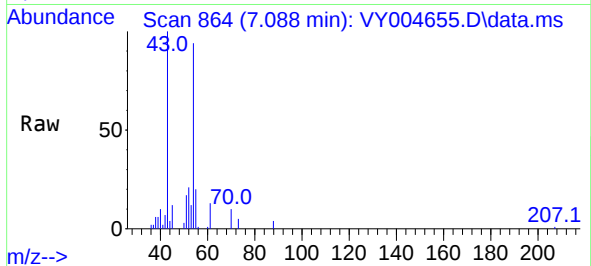
#36  
1,1-Dichloropropene  
Concen: 19.97 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 52943 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 34.5  | 17.3  | 51.7  |
| 77       | 31.3  | 24.3  | 36.5  |

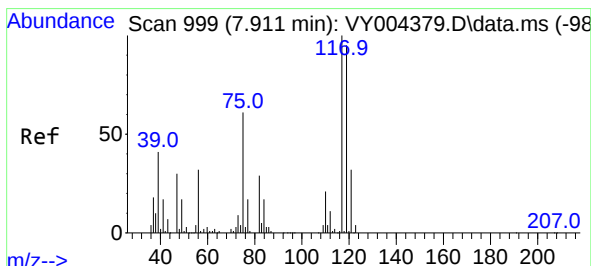
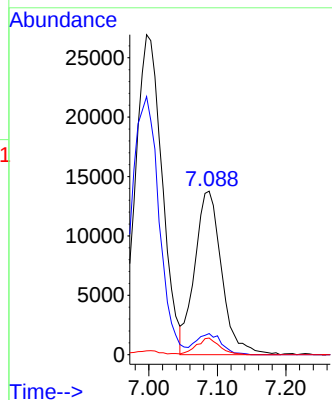
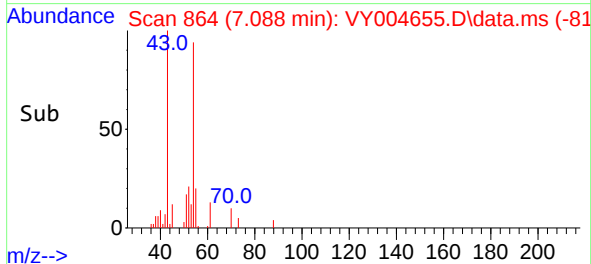




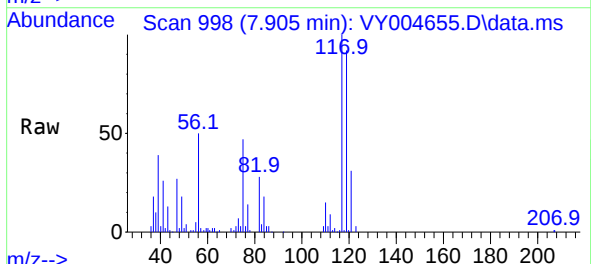
#37  
Ethyl Acetate  
Concen: 22.08 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



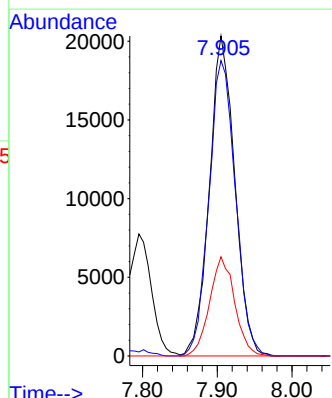
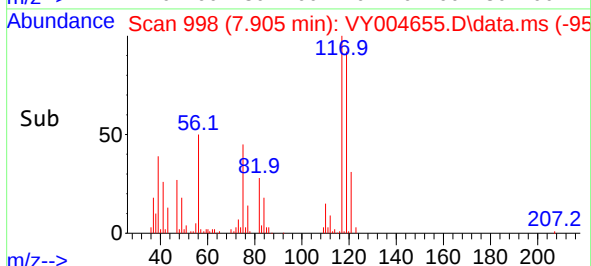
Tgt Ion: 43 Resp: 37693  
Ion Ratio Lower Upper  
43 100  
61 12.1 10.4 15.6  
70 8.8 7.5 11.3



#38  
Carbon Tetrachloride  
Concen: 20.91 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



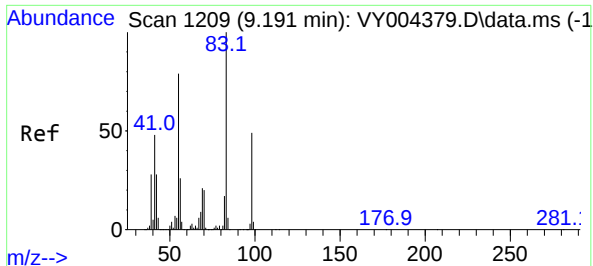
Tgt Ion: 117 Resp: 47921  
Ion Ratio Lower Upper  
117 100  
119 92.3 75.8 113.8  
121 31.0 25.3 37.9



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

Manual Integrations  
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4/30/2021 10:49:06 AM



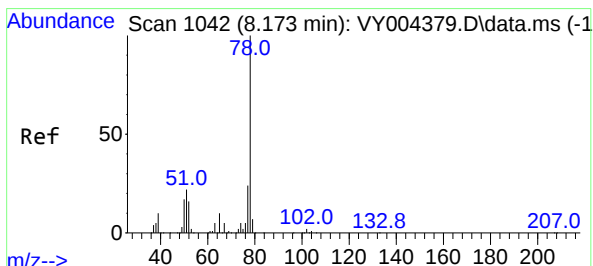
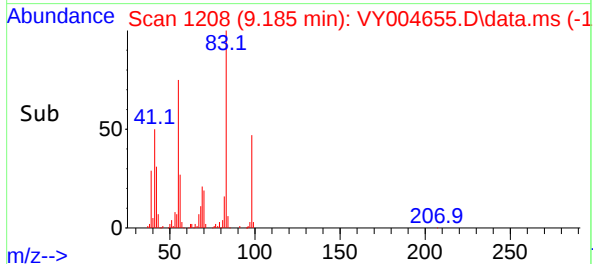
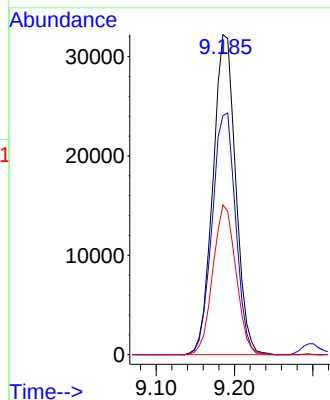
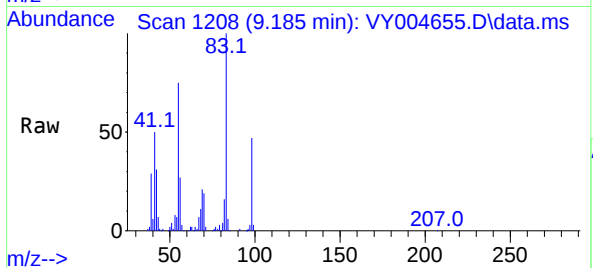
#39  
Methylcyclohexane  
Concen: 19.96 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 83 Resp: 65147  
Ion Ratio Lower Upper  
83 100  
55 74.7 63.0 94.4  
98 46.8 39.2 58.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

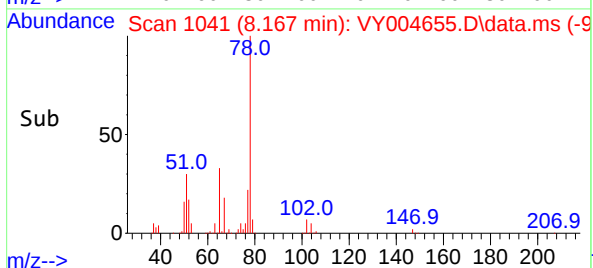
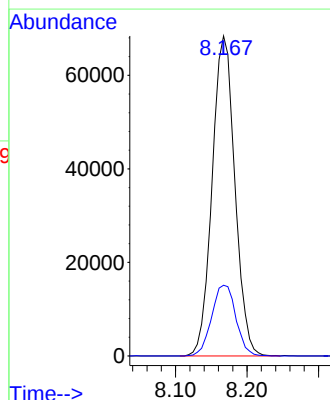
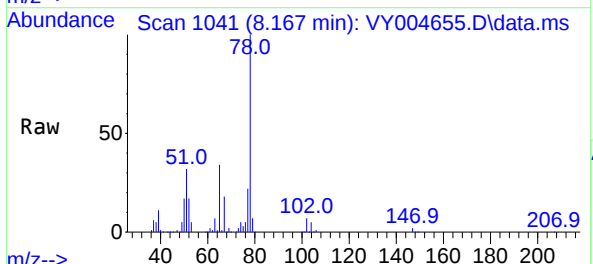
Manual Integrations  
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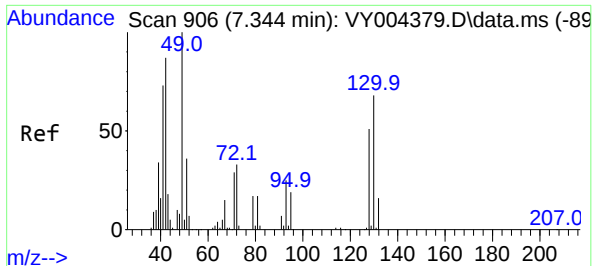
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4/30/2021 10:49:06 AM



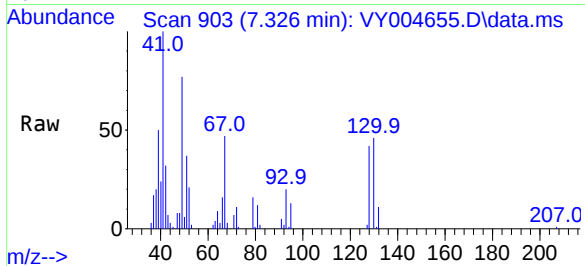
#40  
Benzene  
Concen: 20.25 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 78 Resp: 150828  
Ion Ratio Lower Upper  
78 100  
77 22.1 19.4 29.0

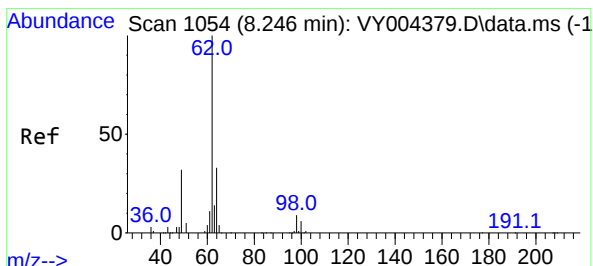
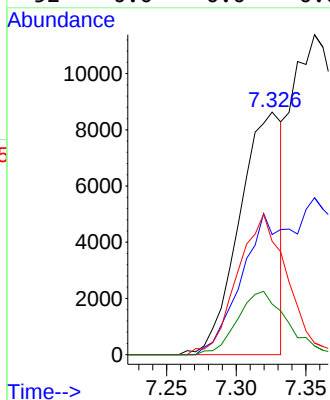
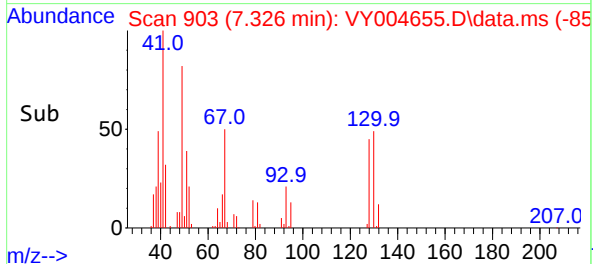




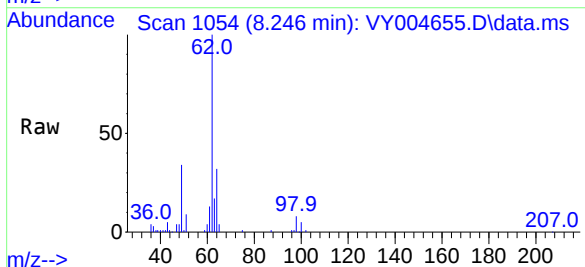
#41  
Methacrylonitrile  
Concen: 17.77 ug/l m  
RT: 7.326 min Scan# 903  
Delta R.T. -0.018 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



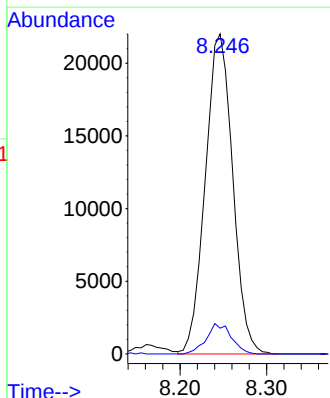
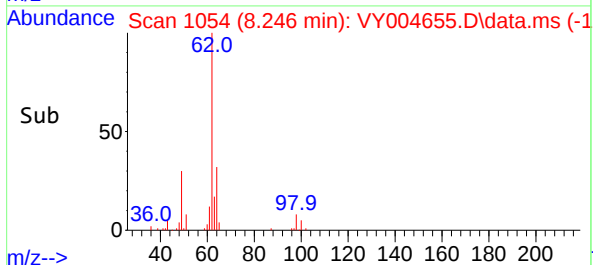
Tgt Ion: 41 Resp: 18381  
Ion Ratio Lower Upper  
41 100  
39 60.9 0.0 0.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 20.71 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



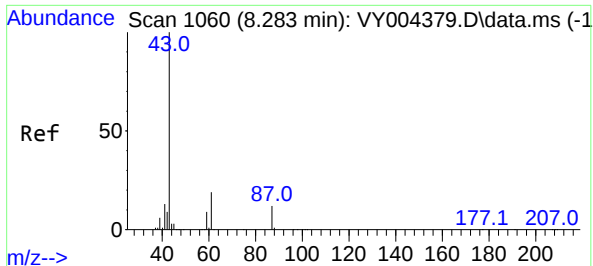
Tgt Ion: 62 Resp: 48407  
Ion Ratio Lower Upper  
62 100  
98 8.6 0.0 18.2



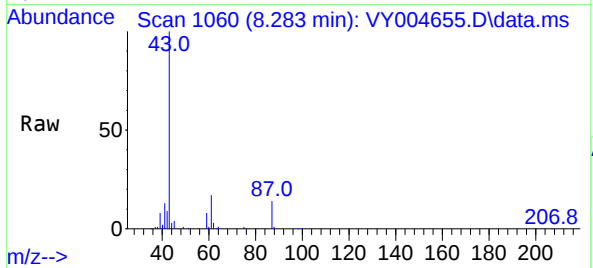
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

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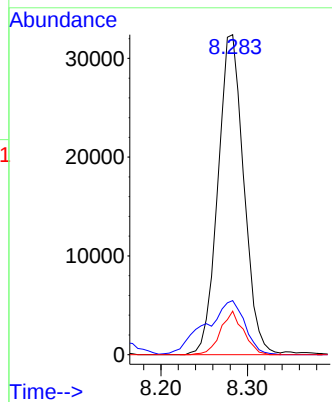
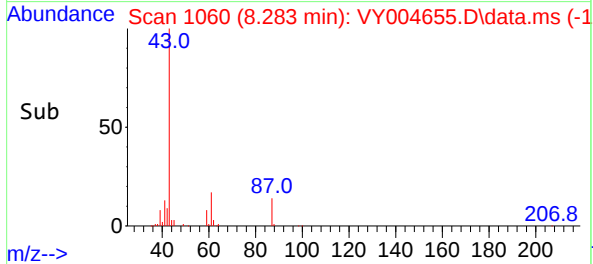
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#43  
Isopropyl Acetate  
Concen: 20.76 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



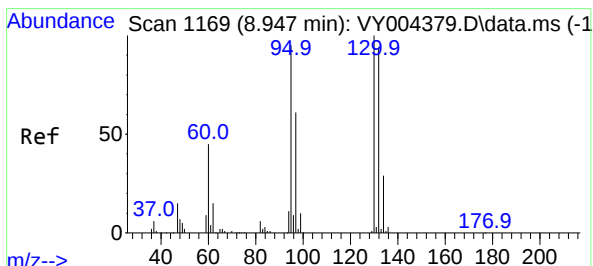
Tgt Ion: 43 Resp: 67173  
Ion Ratio Lower Upper  
43 100  
61 25.9 20.9 31.3  
87 12.0 9.1 13.7



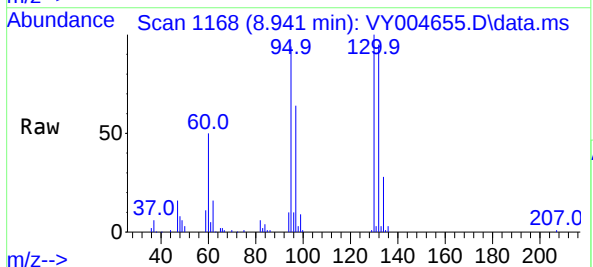
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

Manual Integrations  
APPROVED

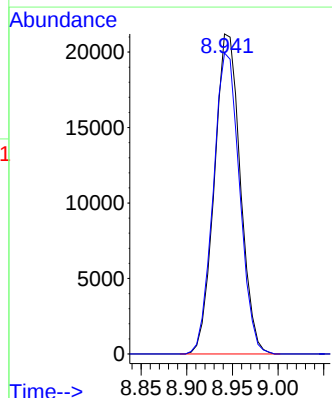
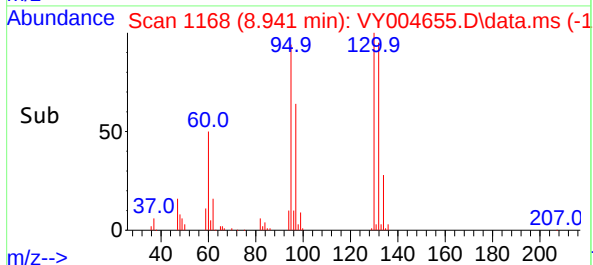
MMDadoda  
4/30/2021 10:49:06 AM

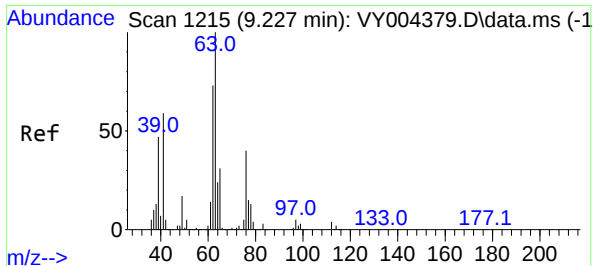


#44  
Trichloroethene  
Concen: 20.58 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



Tgt Ion:130 Resp: 41811  
Ion Ratio Lower Upper  
130 100  
95 94.0 0.0 190.4





#45

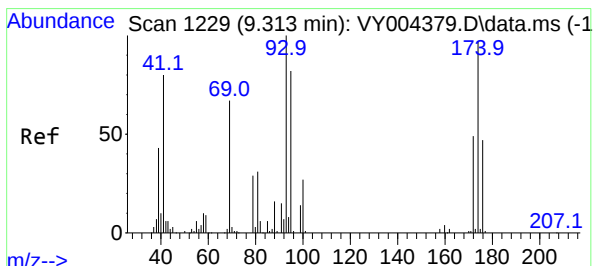
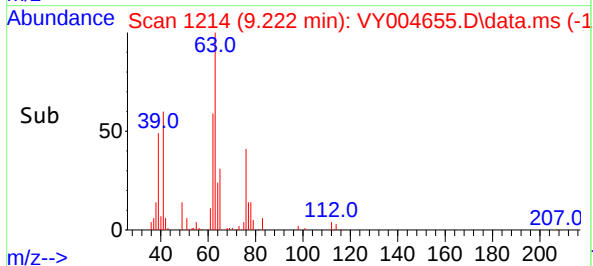
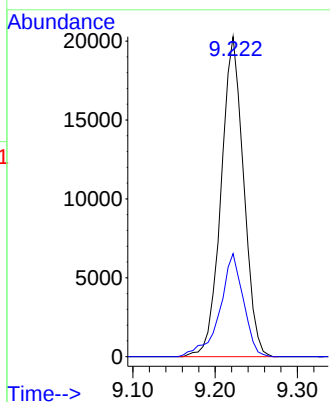
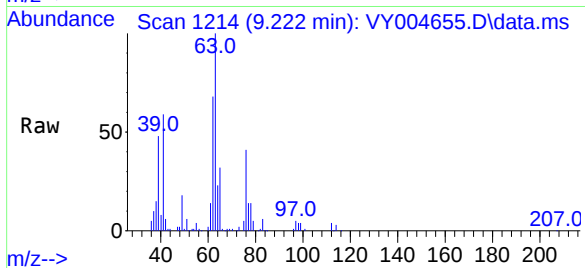
1,2-Dichloropropane  
Concen: 20.11 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 63 Resp: 38672  
Ion Ratio Lower Upper  
63 100  
65 32.2 24.4 36.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

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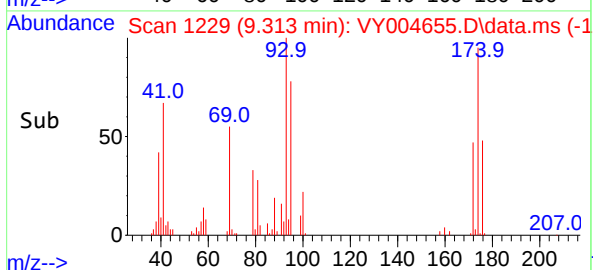
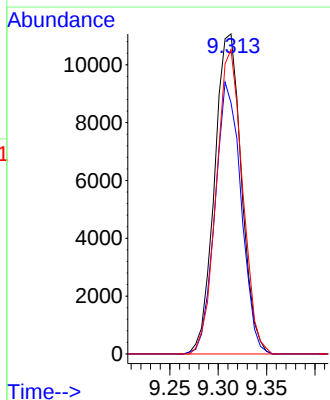
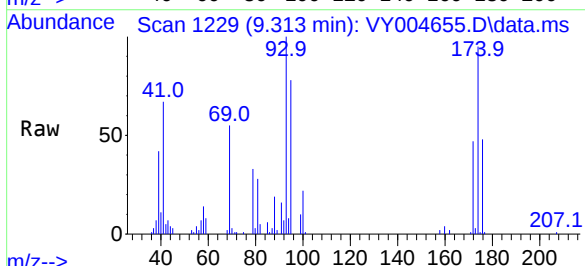
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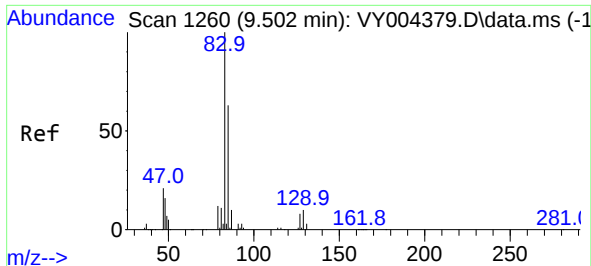


#46

Dibromomethane  
Concen: 20.45 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 93 Resp: 21407  
Ion Ratio Lower Upper  
93 100  
95 82.1 65.8 98.8  
174 92.4 77.8 116.6





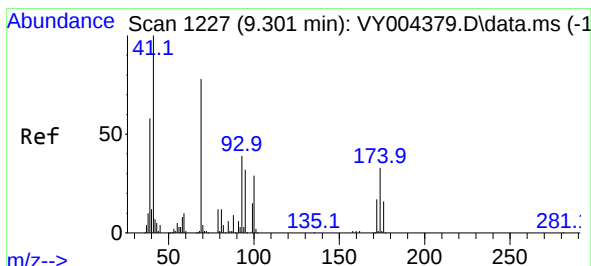
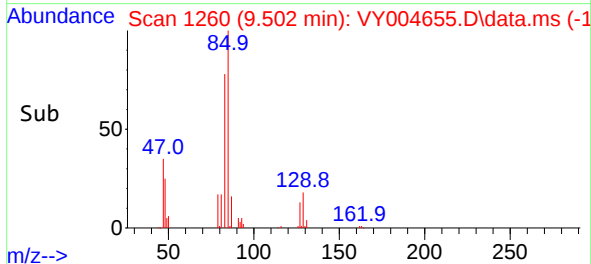
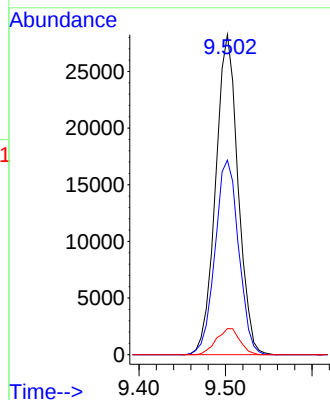
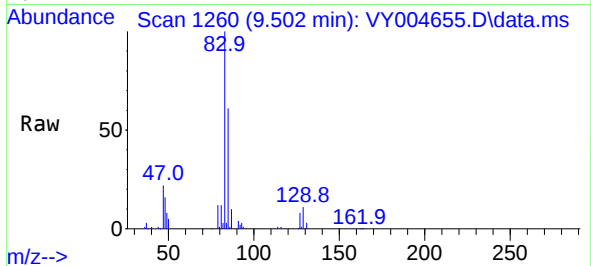
#47  
Bromodichloromethane  
Concen: 20.06 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 83 Resp: 50832  
Ion Ratio Lower Upper  
83 100  
85 60.8 50.7 76.1  
127 8.1 6.6 10.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

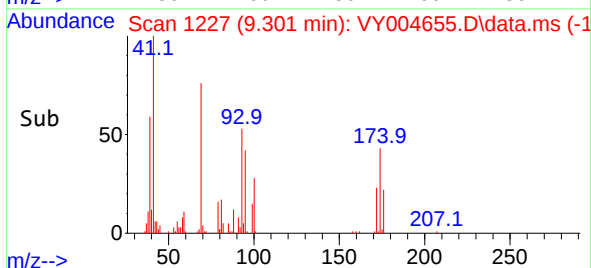
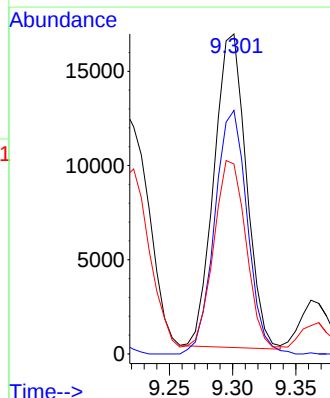
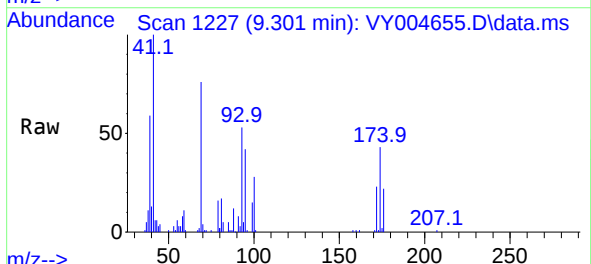
Manual Integrations  
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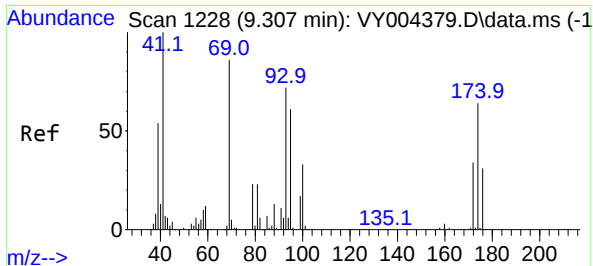
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4/30/2021 10:49:06 AM



#48  
Methyl methacrylate  
Concen: 19.81 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 41 Resp: 29519  
Ion Ratio Lower Upper  
41 100  
69 78.5 62.6 94.0  
39 65.1 47.2 70.8





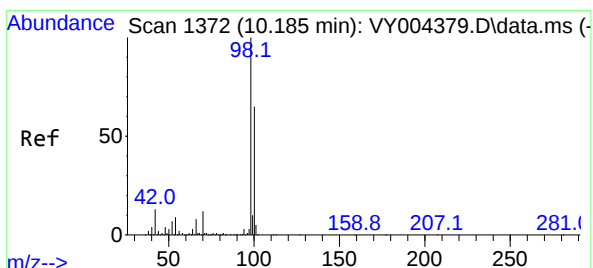
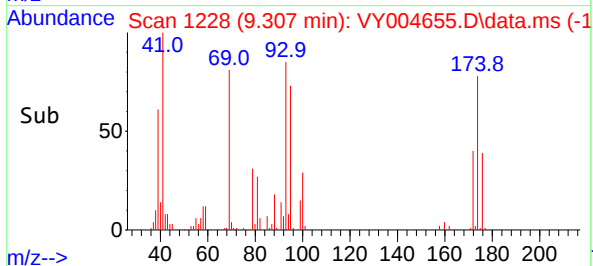
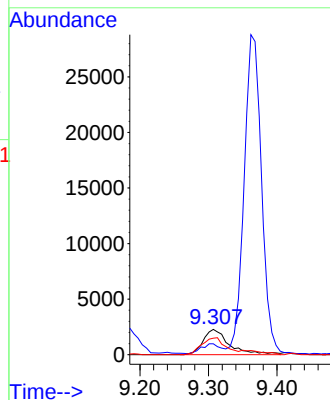
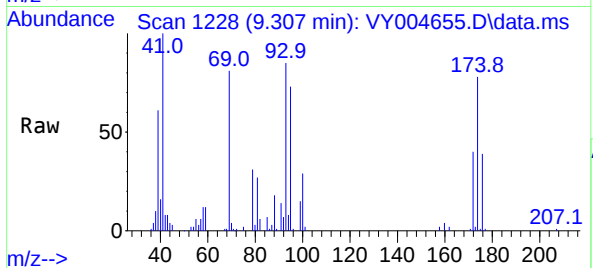
#49  
1,4-Dioxane  
Concen: 444.02 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 88 Resp: 6070  
Ion Ratio Lower Upper  
88 100  
43 29.6 31.7 47.5#  
58 60.6 55.7 83.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

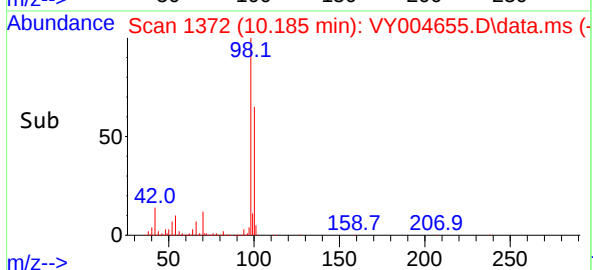
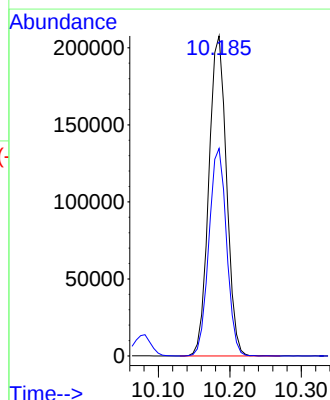
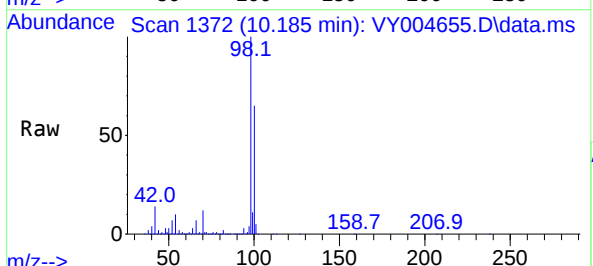
Manual Integrations  
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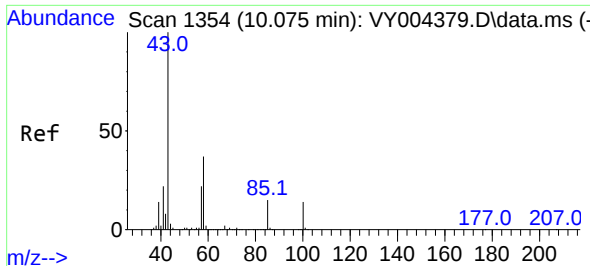
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#50  
Toluene-d8  
Concen: 56.59 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

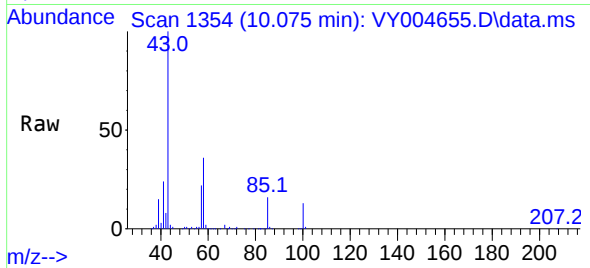
Tgt Ion: 98 Resp: 356342  
Ion Ratio Lower Upper  
98 100  
100 64.7 51.8 77.6





#51  
4-Methyl-2-Pentanone  
Concen: 105.65 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

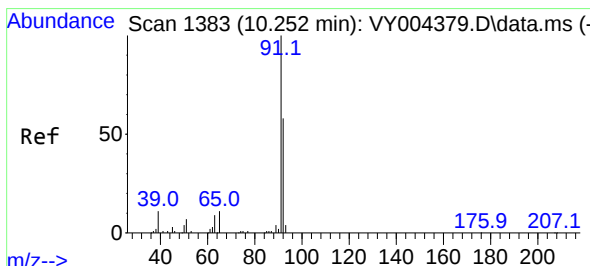
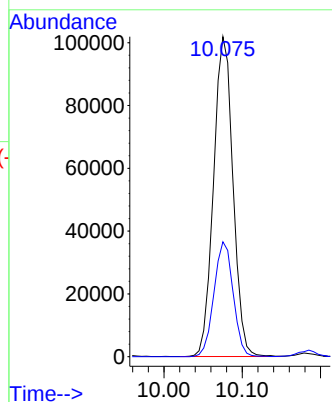
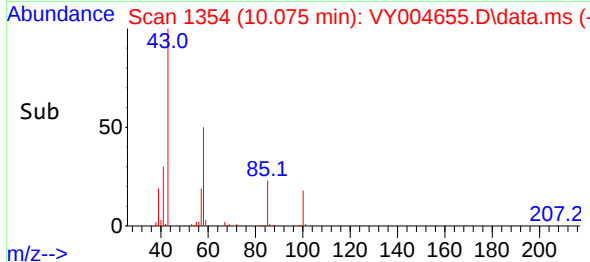
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



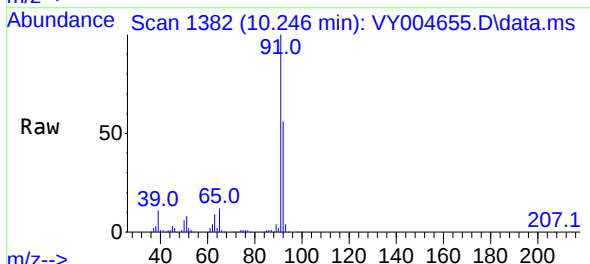
Tgt Ion: 43 Resp: 175615  
Ion Ratio Lower Upper  
43 100  
58 35.5 29.2 43.8

Manual Integrations  
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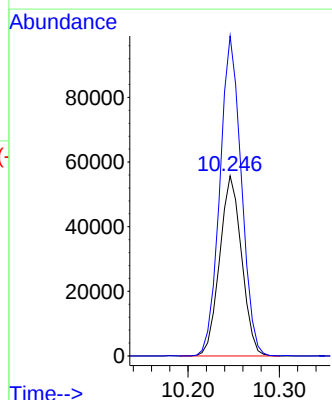
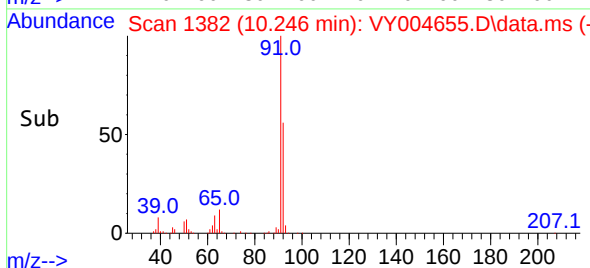
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4/30/2021 10:49:06 AM

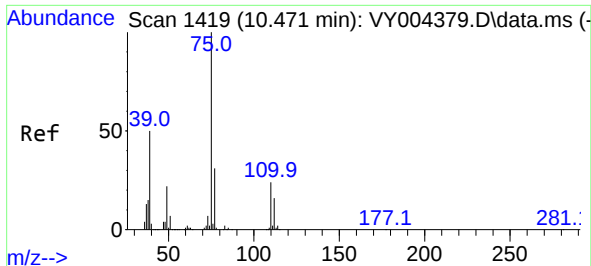


#52  
Toluene  
Concen: 19.31 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



Tgt Ion: 92 Resp: 93104  
Ion Ratio Lower Upper  
92 100  
91 174.2 137.8 206.6





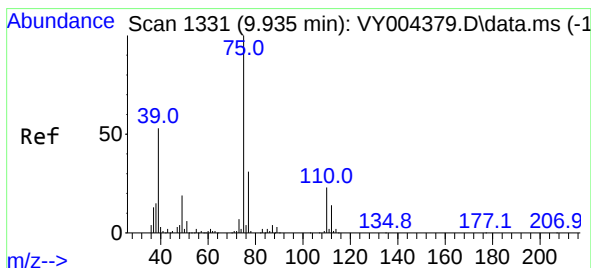
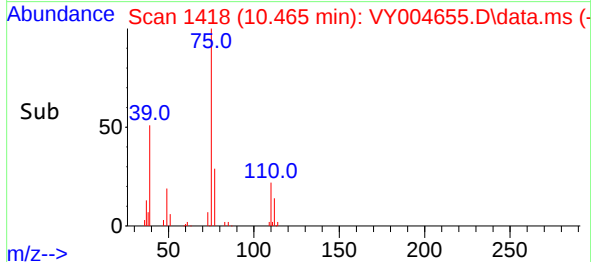
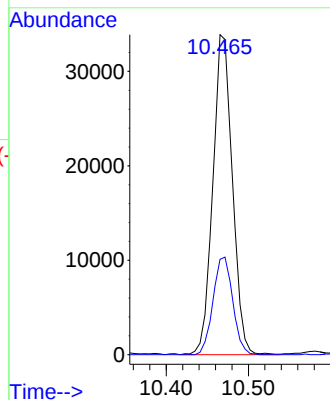
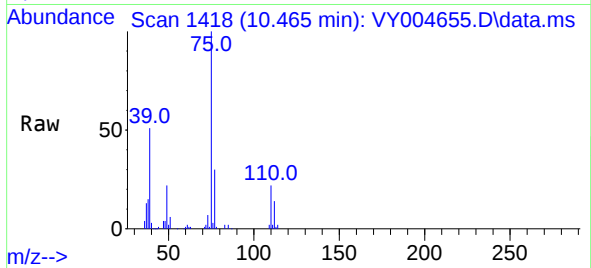
#53  
t-1,3-Dichloropropene  
Concen: 20.03 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 75 Resp: 55996  
Ion Ratio Lower Upper  
75 100  
77 29.8 25.2 37.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

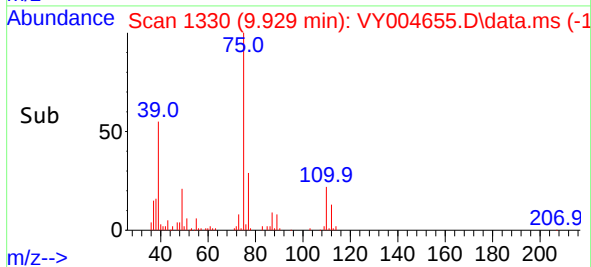
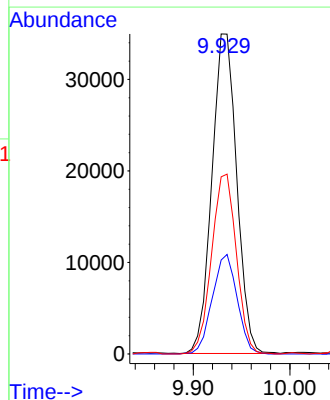
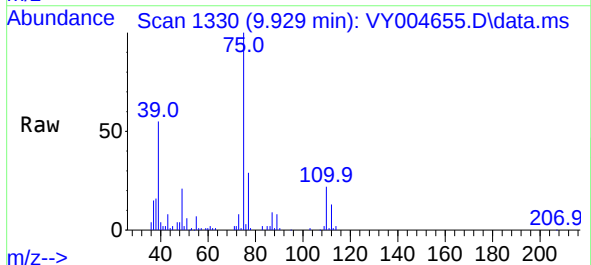
Manual Integrations  
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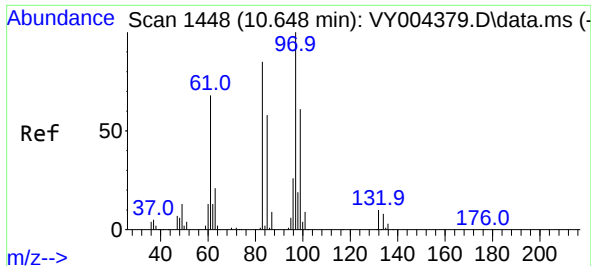
MMDadoda  
4/30/2021 10:49:06 AM



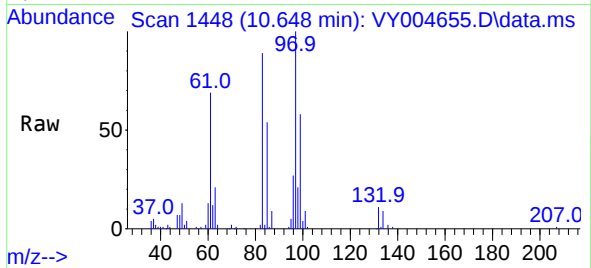
#54  
cis-1,3-Dichloropropene  
Concen: 19.61 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 75 Resp: 62243  
Ion Ratio Lower Upper  
75 100  
77 29.4 24.6 37.0  
39 55.5 42.1 63.1

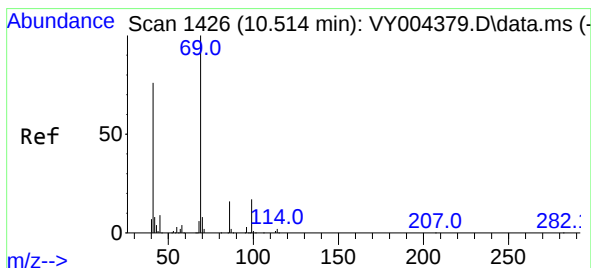
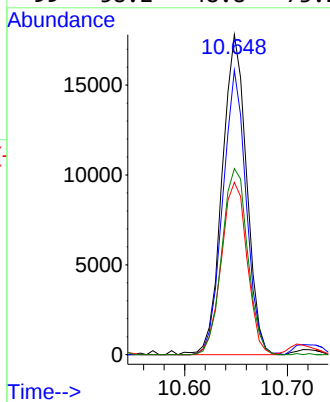
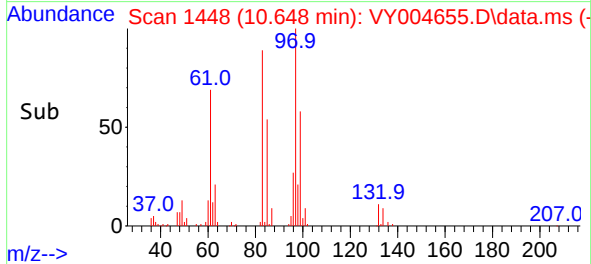




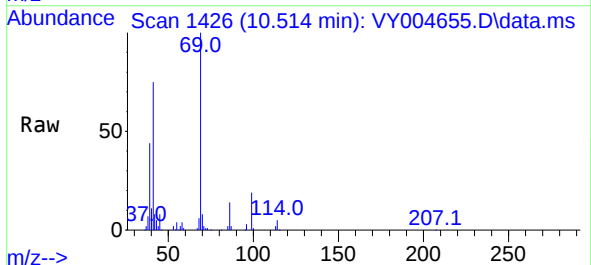
#55  
1,1,2-Trichloroethane  
Concen: 20.35 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



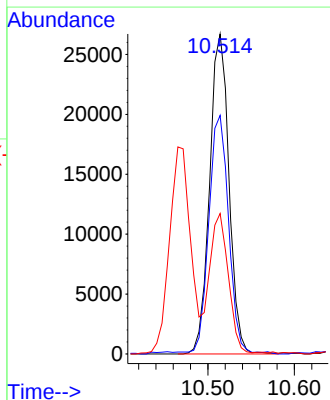
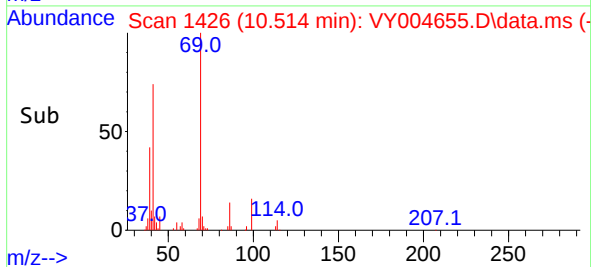
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 29355 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.9  | 68.4  | 102.6 |
| 85       | 53.8  | 46.2  | 69.4  |
| 99       | 58.2  | 48.8  | 73.2  |



#56  
Ethyl methacrylate  
Concen: 19.82 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



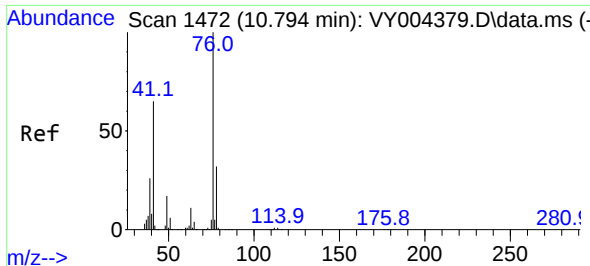
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 41449 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 76.8  | 59.2  | 88.8  |
| 39       | 42.6  | 31.0  | 46.6  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

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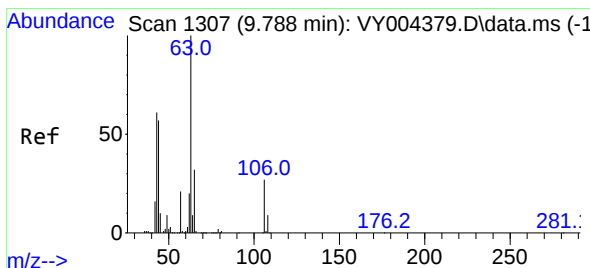
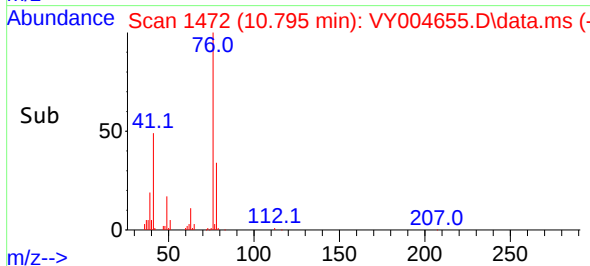
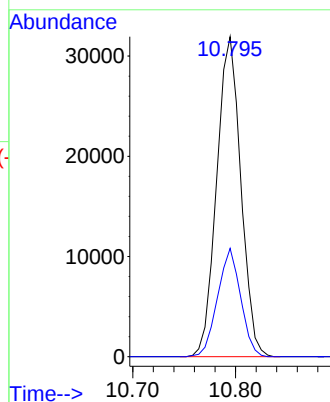
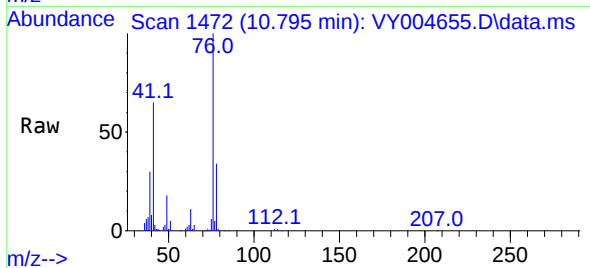
#57  
1,3-Dichloropropane  
Concen: 20.21 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 76 Resp: 52022  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.9 38.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

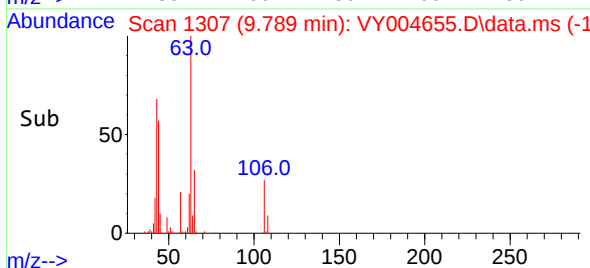
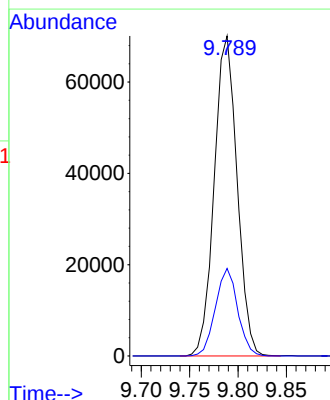
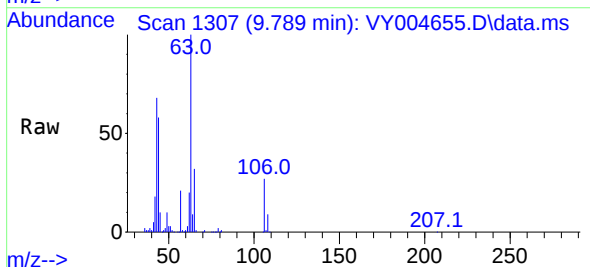
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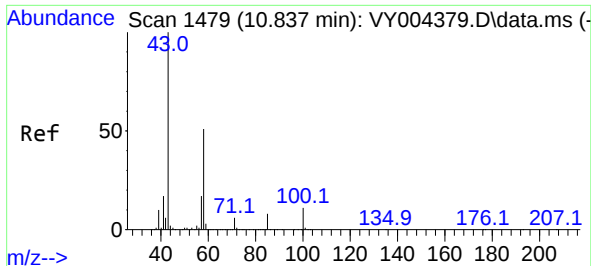
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4/30/2021 10:49:06 AM



#58  
2-Chloroethyl Vinyl ether  
Concen: 107.52 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

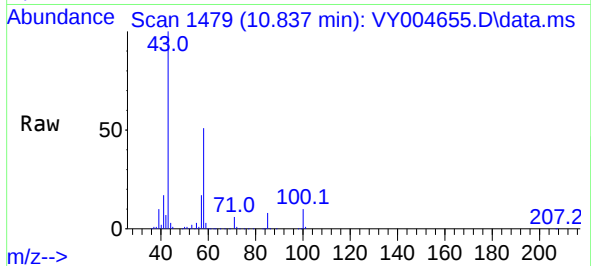
Tgt Ion: 63 Resp: 115060  
Ion Ratio Lower Upper  
63 100  
106 26.6 21.7 32.5





#59  
2-Hexanone  
Concen: 106.25 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

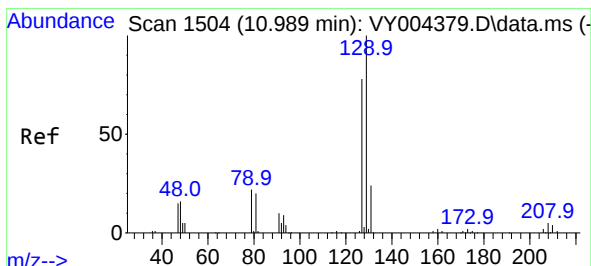
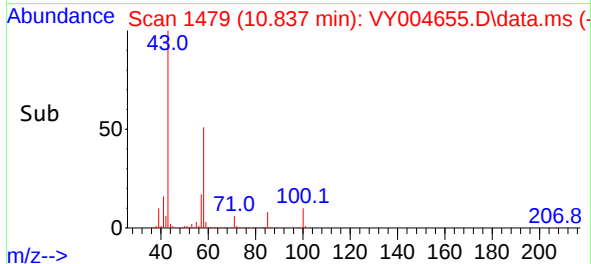
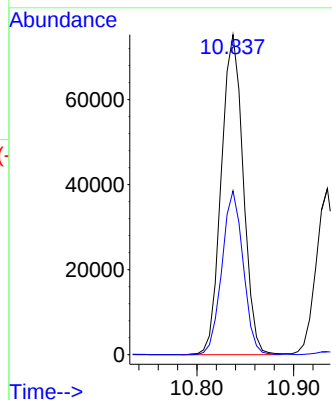
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



Tgt Ion: 43 Resp: 118396  
Ion Ratio Lower Upper  
43 100  
58 49.6 25.4 76.4

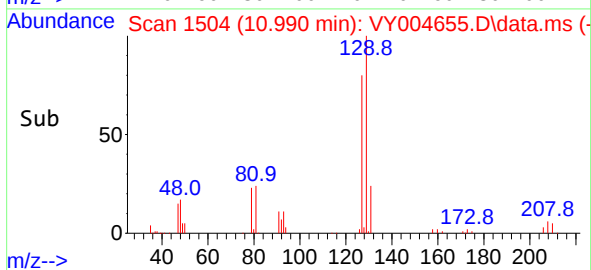
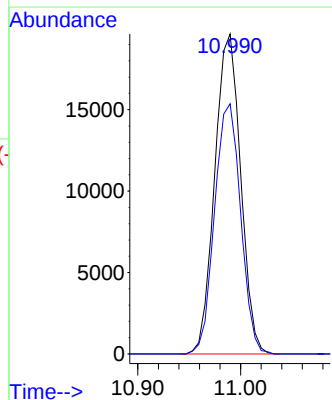
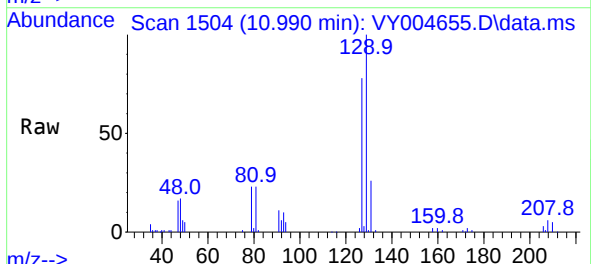
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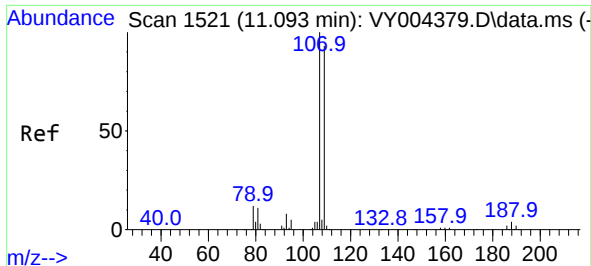
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#60  
Dibromochloromethane  
Concen: 20.05 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

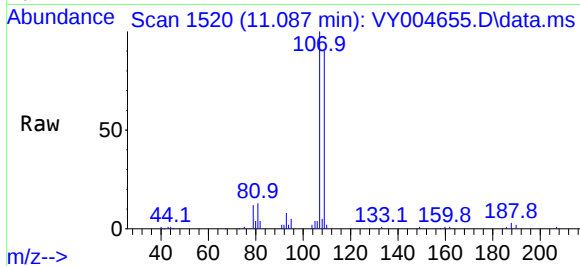
Tgt Ion: 129 Resp: 34361  
Ion Ratio Lower Upper  
129 100  
127 78.7 38.9 116.7





#61  
1,2-Dibromoethane  
Concen: 20.73 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

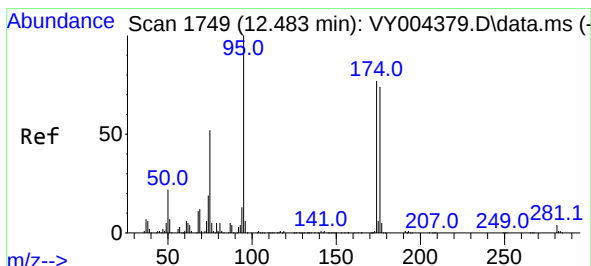
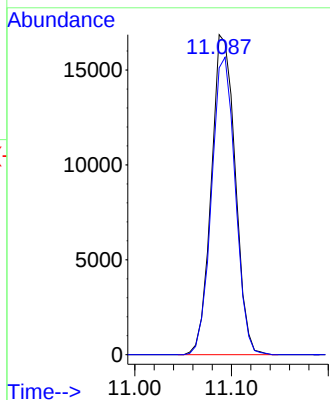
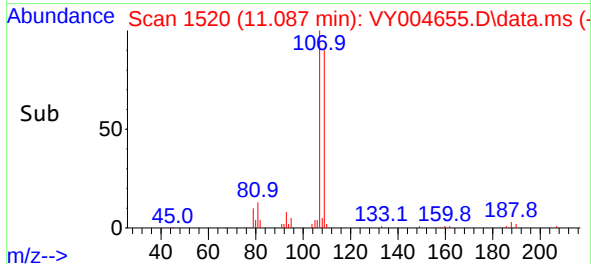
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



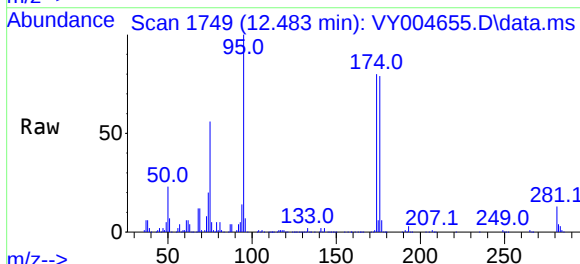
Tgt Ion:107 Resp: 28831  
Ion Ratio Lower Upper  
107 100  
109 92.4 75.5 113.3

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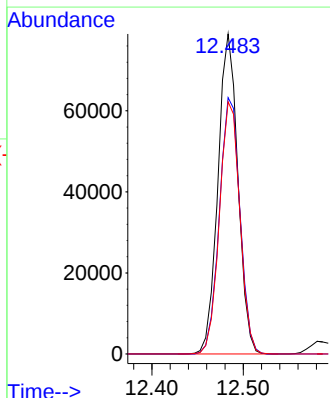
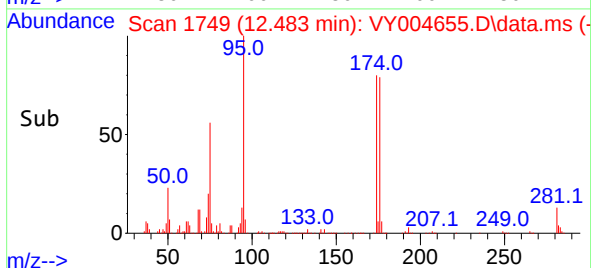
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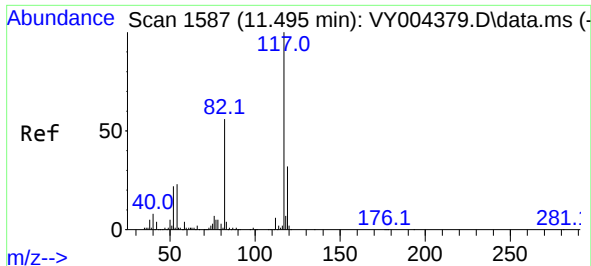


#62  
4-Bromofluorobenzene  
Concen: 56.10 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



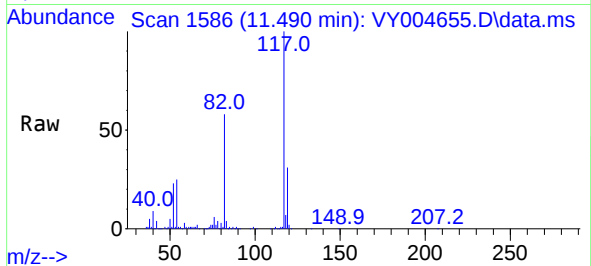
Tgt Ion: 95 Resp: 119884  
Ion Ratio Lower Upper  
95 100  
174 82.4 0.0 162.4  
176 80.6 0.0 156.0





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

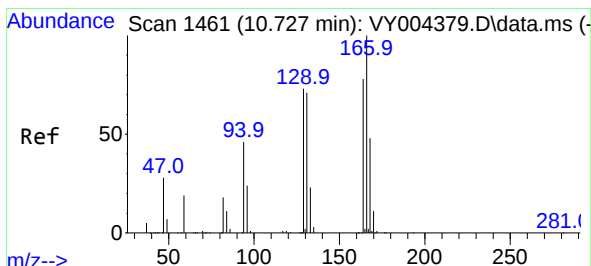
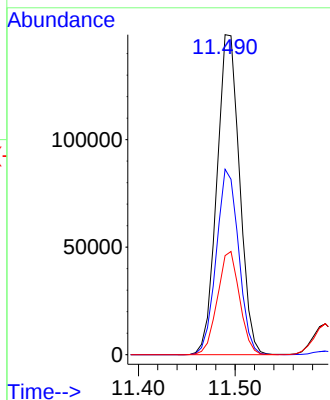
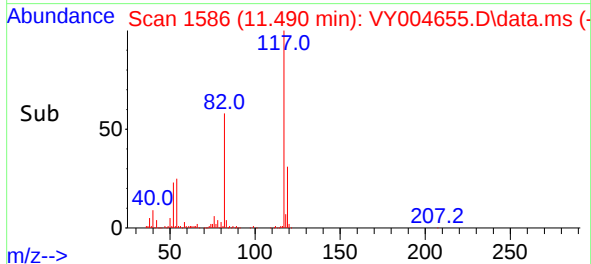
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



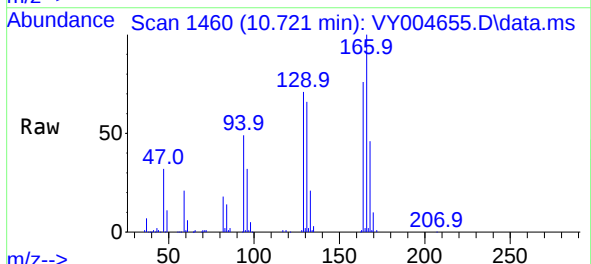
Tgt Ion:117 Resp: 242408  
Ion Ratio Lower Upper  
117 100  
82 57.9 44.9 67.3  
119 30.9 25.4 38.0

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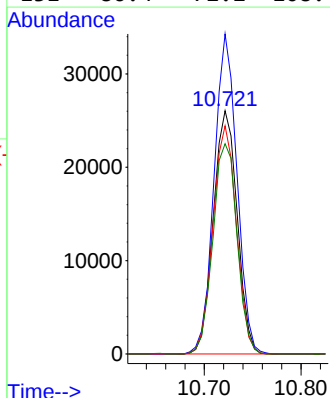
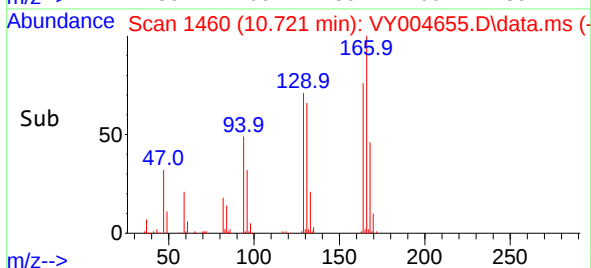
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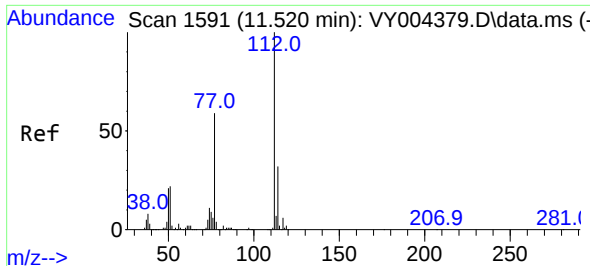


#64  
Tetrachloroethene  
Concen: 21.13 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



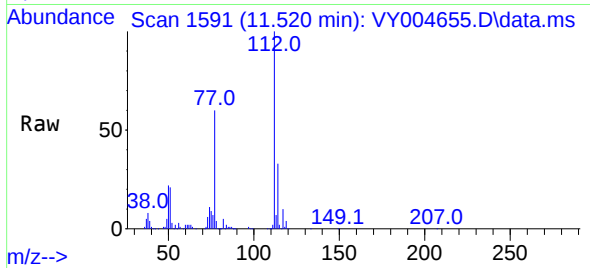
Tgt Ion:164 Resp: 44602  
Ion Ratio Lower Upper  
164 100  
166 131.6 102.1 153.1  
129 93.8 74.8 112.2  
131 86.4 72.2 108.4





#65  
Chlorobenzene  
Concen: 19.78 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

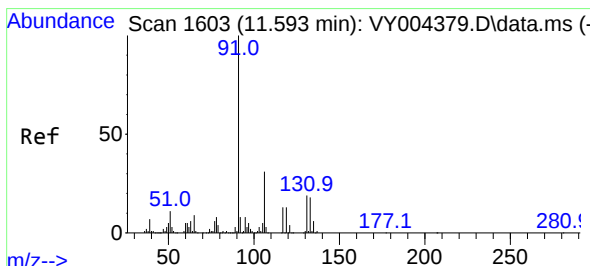
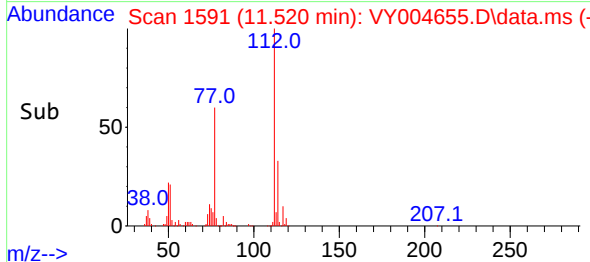
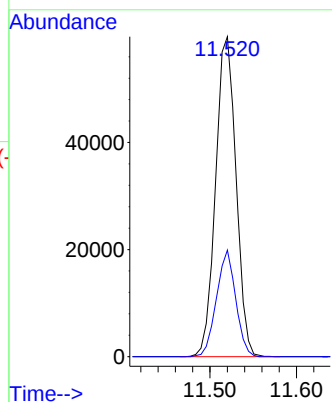
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



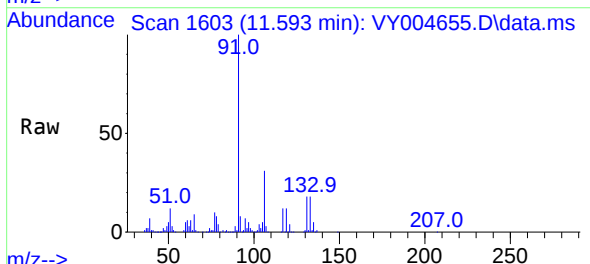
Tgt Ion:112 Resp: 97830  
Ion Ratio Lower Upper  
112 100  
114 33.3 25.8 38.6

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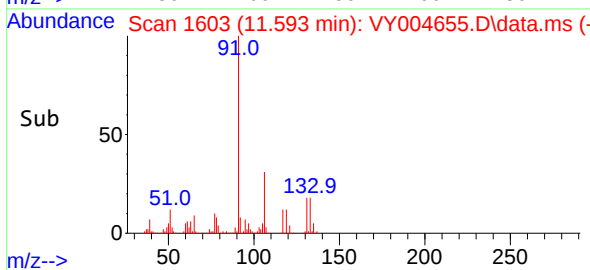
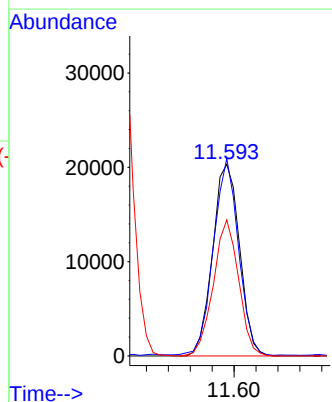
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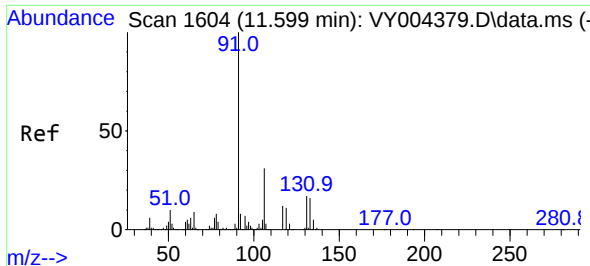


#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.60 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



Tgt Ion:131 Resp: 34613  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.6 142.9  
119 66.8 32.6 98.0





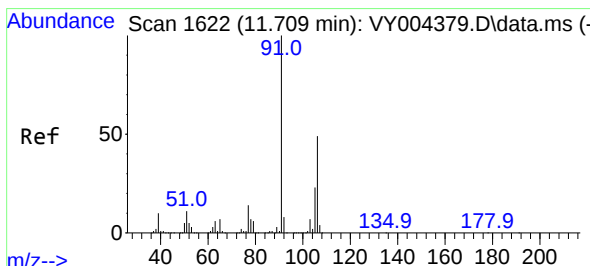
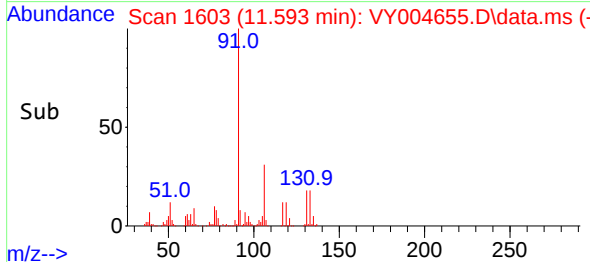
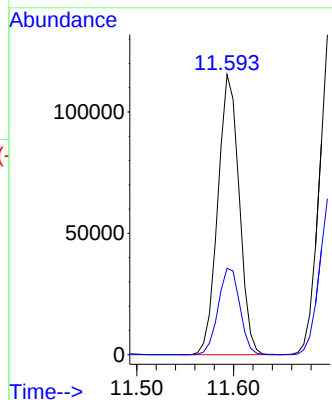
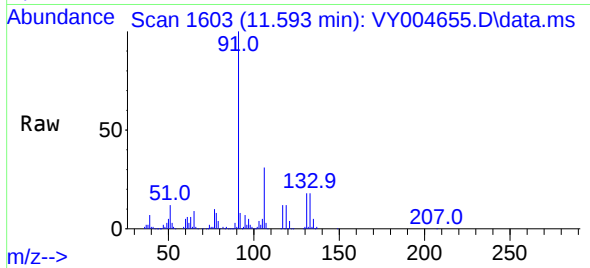
#67  
Ethyl Benzene  
Concen: 19.11 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 91 Resp: 176837  
Ion Ratio Lower Upper  
91 100  
106 30.8 25.1 37.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

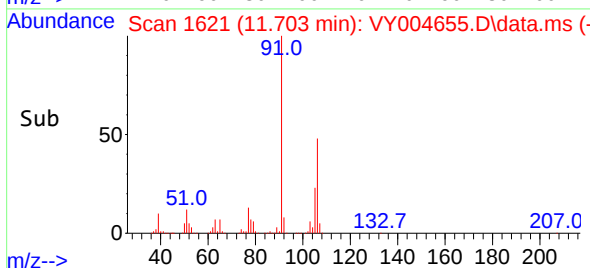
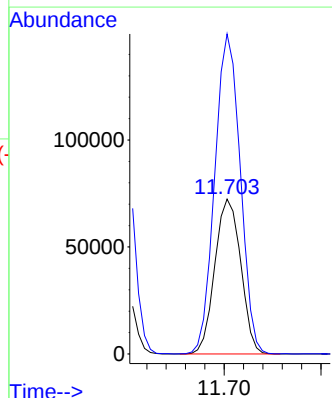
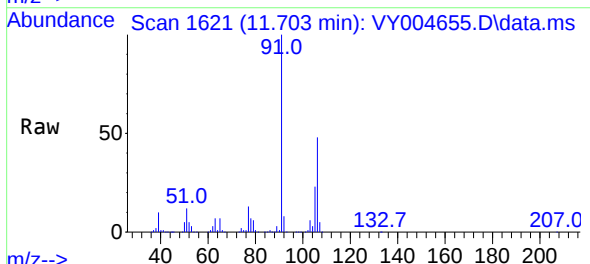
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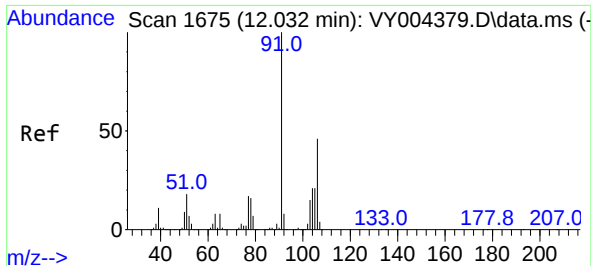
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#68  
m/p-Xylenes  
Concen: 39.16 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

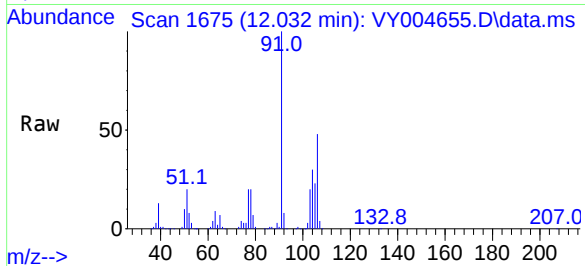
Tgt Ion:106 Resp: 134687  
Ion Ratio Lower Upper  
106 100  
91 203.6 163.2 244.8





#69  
o-Xylene  
Concen: 19.33 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

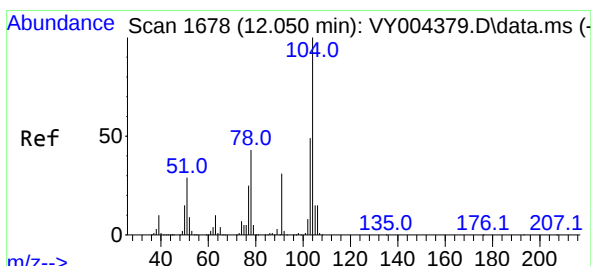
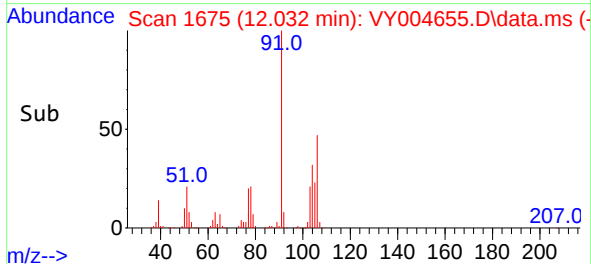
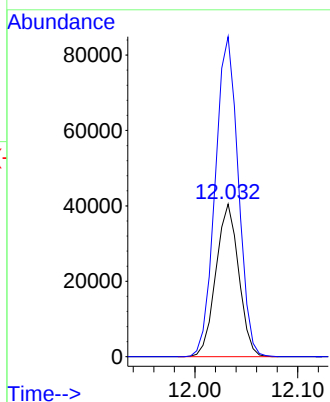
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



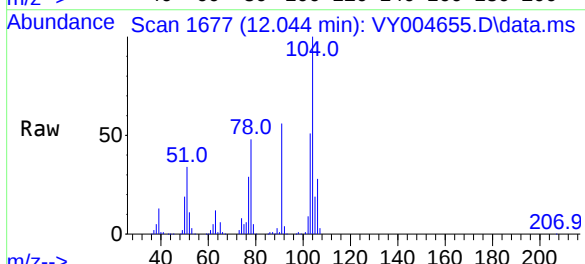
Tgt Ion:106 Resp: 62296  
Ion Ratio Lower Upper  
106 100  
91 211.9 107.4 322.2

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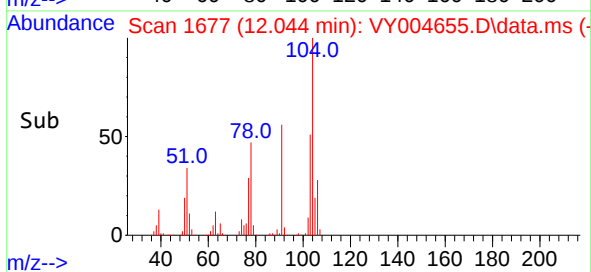
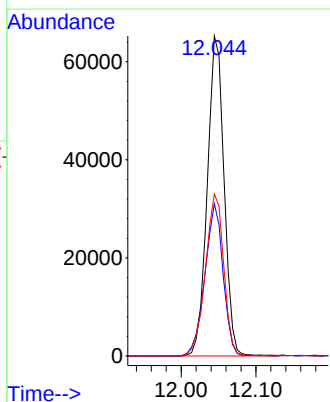
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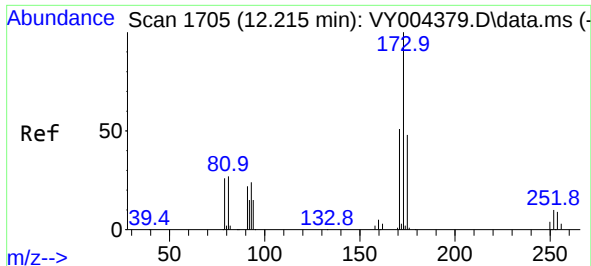


#70  
Styrene  
Concen: 19.08 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



Tgt Ion:104 Resp: 101879  
Ion Ratio Lower Upper  
104 100  
78 51.5 39.9 59.9  
103 55.3 43.4 65.2





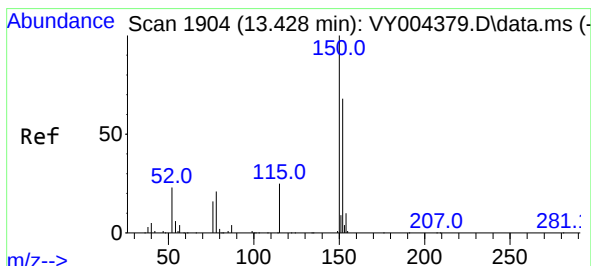
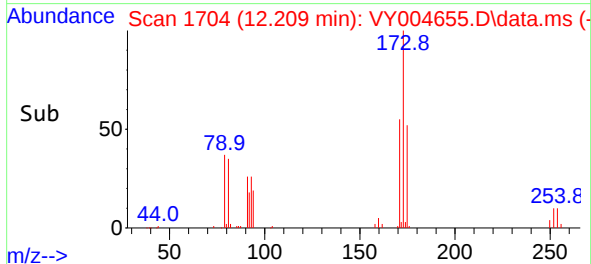
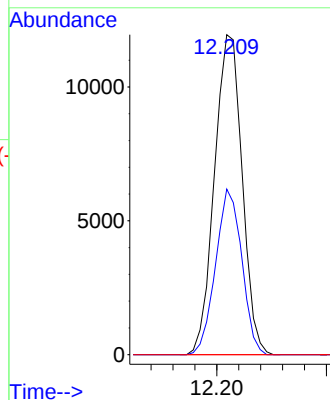
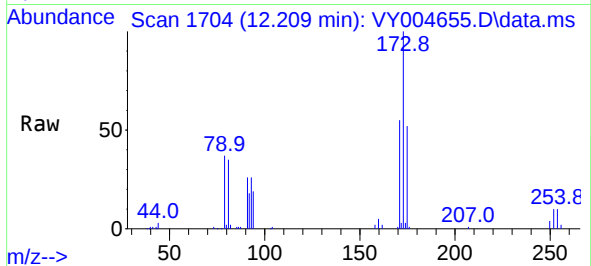
#71  
Bromoform  
Concen: 20.01 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 20958 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.0  | 24.3  | 72.8  |
| 254       | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

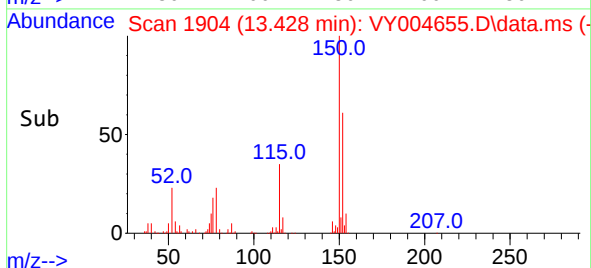
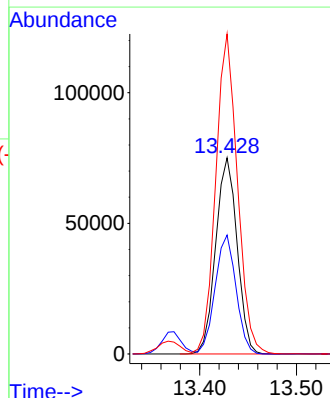
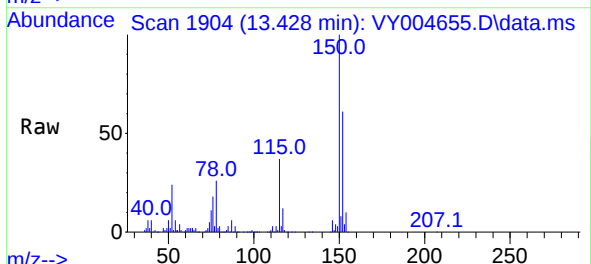
Manual Integrations  
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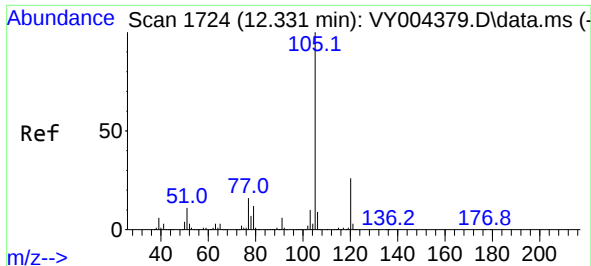
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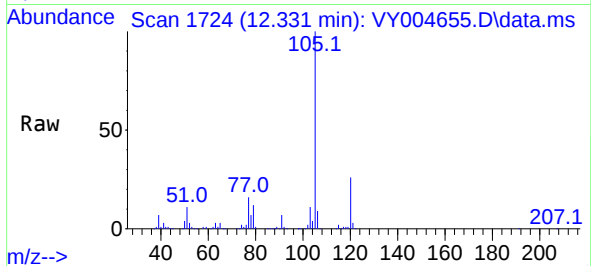
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 115367 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 59.3  | 29.6  | 88.8   |
| 150       | 165.1 | 0.0   | 348.4  |

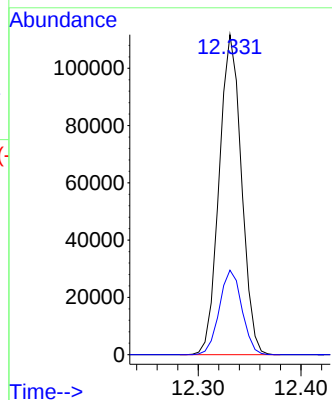
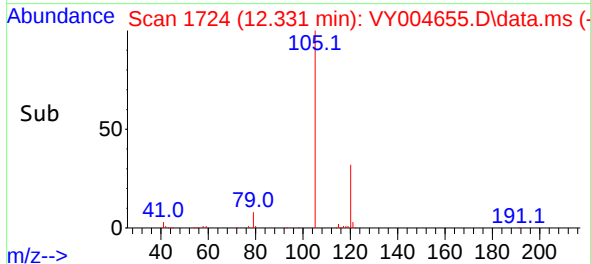




#73  
Isopropylbenzene  
Concen: 18.87 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



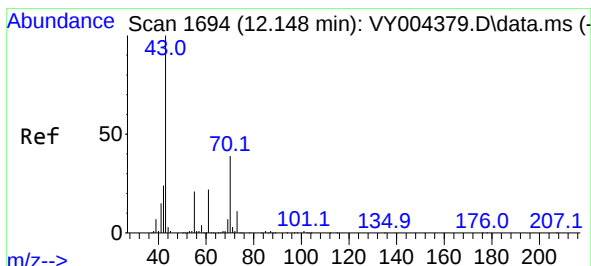
Tgt Ion: 105 Resp: 168255  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.2 39.5



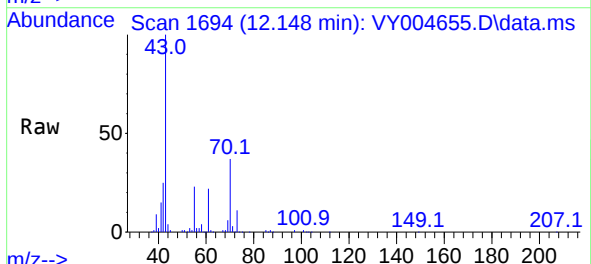
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

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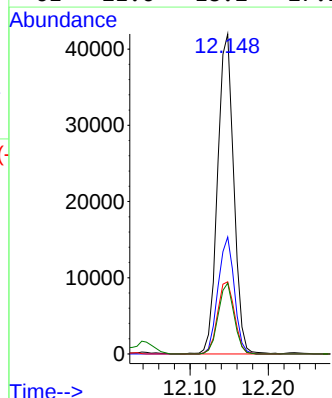
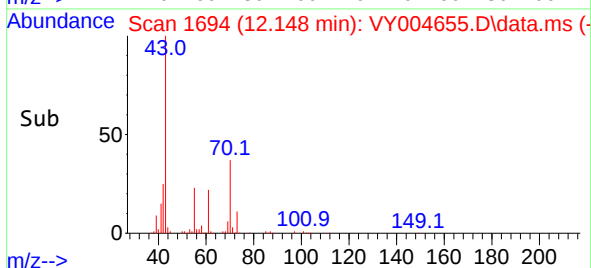
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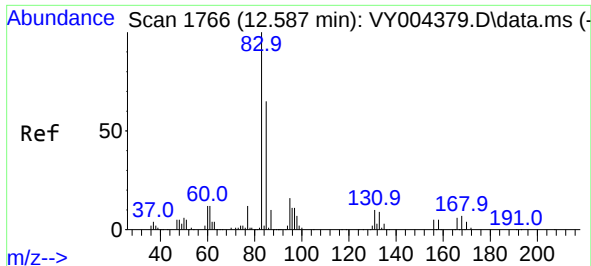


#74  
N-ethyl acetate  
Concen: 20.08 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



Tgt Ion: 43 Resp: 60281  
Ion Ratio Lower Upper  
43 100  
70 36.6 30.4 45.6  
55 23.5 17.4 26.0  
61 21.6 18.2 27.2





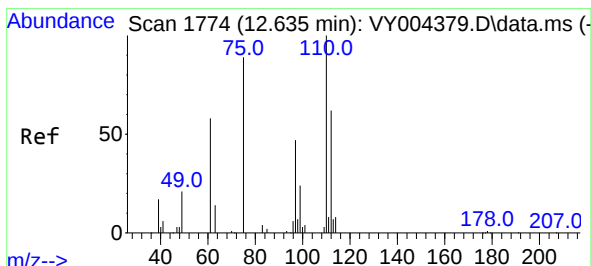
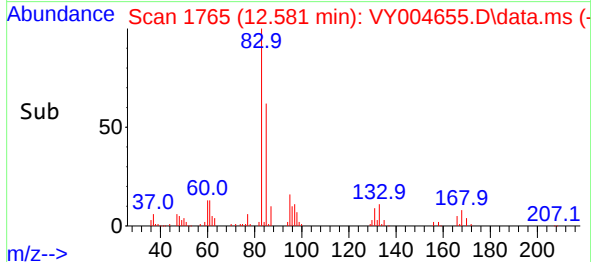
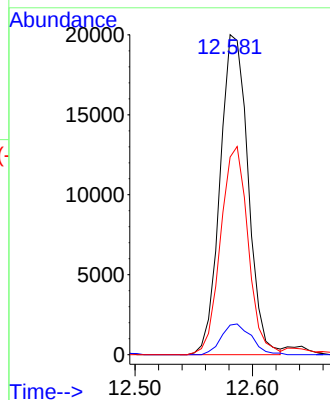
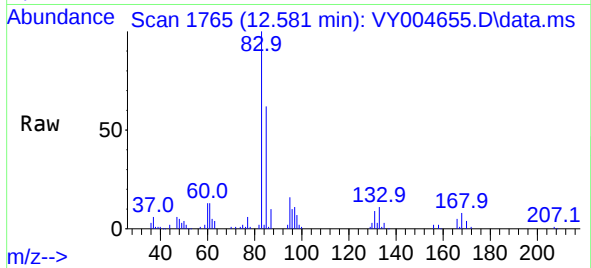
#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.68 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 83 Resp: 33187  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.1 15.4  
85 63.9 31.6 94.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

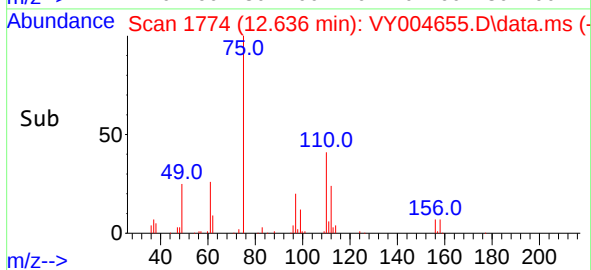
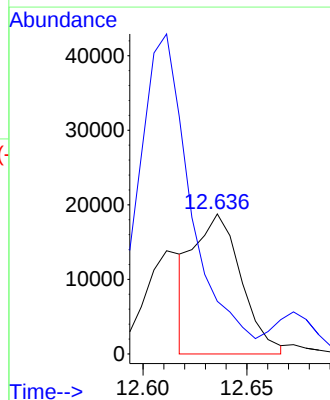
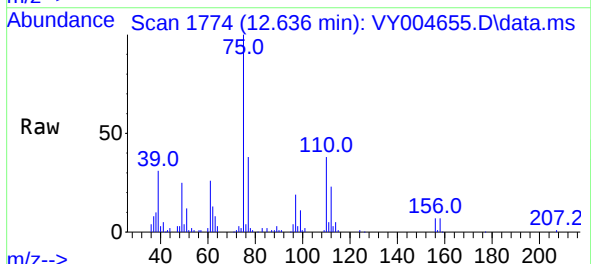
Manual Integrations  
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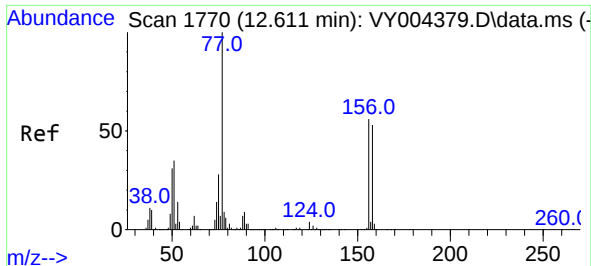
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#76  
1,2,3-Trichloropropane  
Concen: 24.06 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

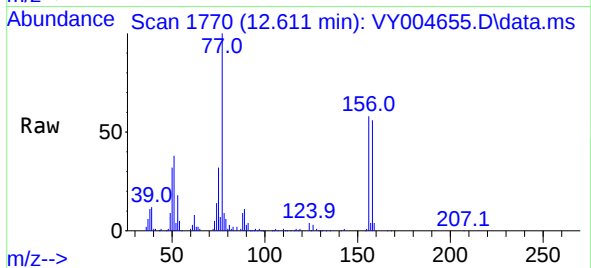
Tgt Ion: 75 Resp: 29788  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77  
Bromobenzene  
Concen: 19.60 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

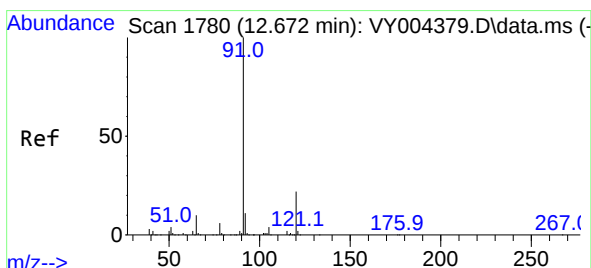
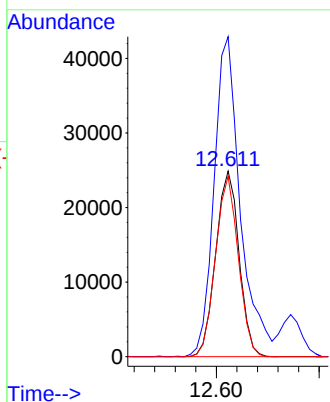
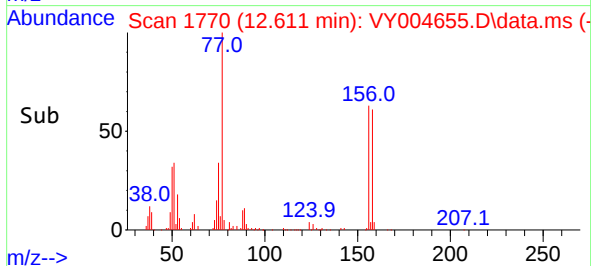
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



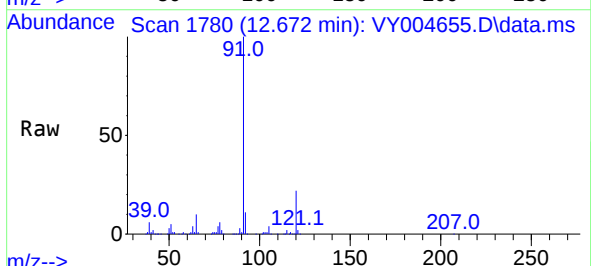
Tgt Ion: 156 Resp: 39164  
Ion Ratio Lower Upper  
156 100  
77 193.7 98.6 295.7  
158 94.9 48.4 145.2

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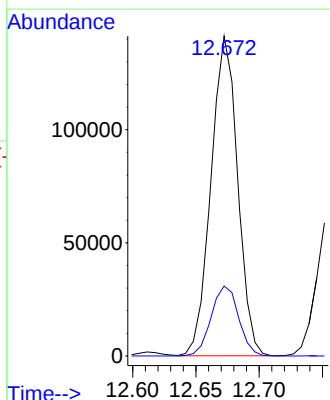
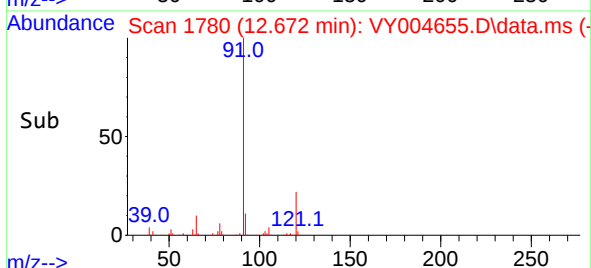
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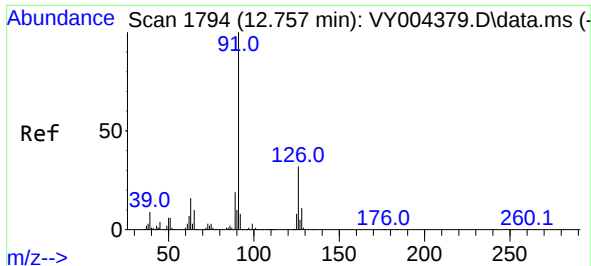


#78  
n-propylbenzene  
Concen: 19.66 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



Tgt Ion: 91 Resp: 207054  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.5 34.4





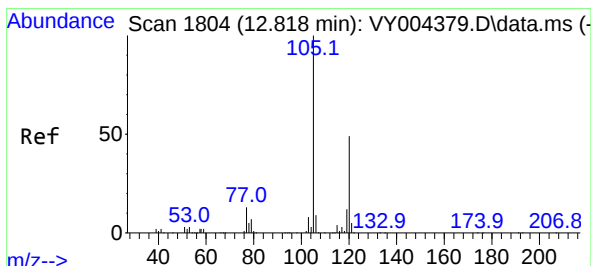
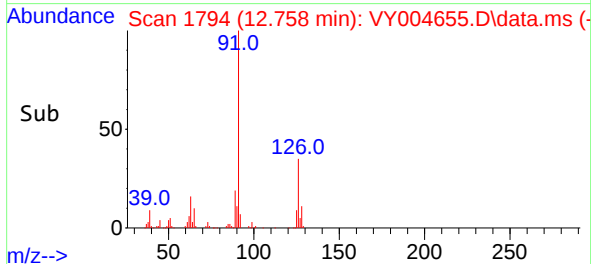
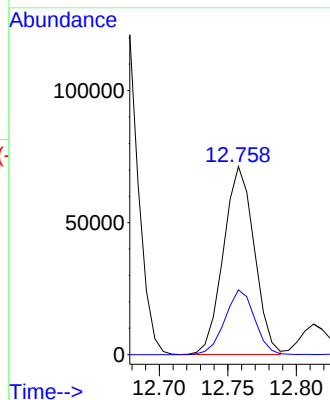
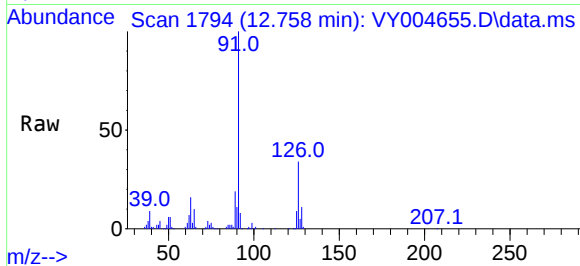
#79  
2-Chlorotoluene  
Concen: 19.39 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 91 Resp: 111667  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.7 50.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

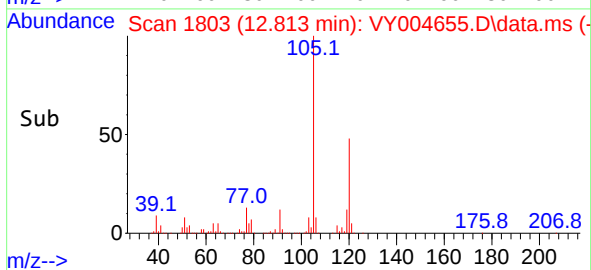
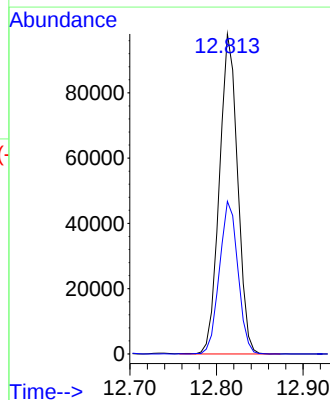
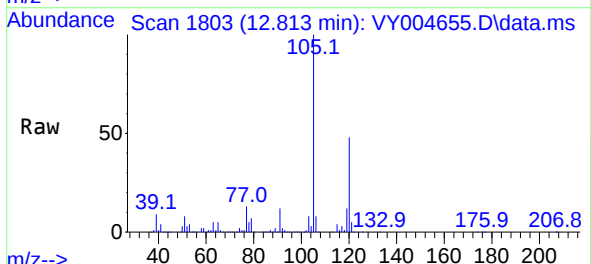
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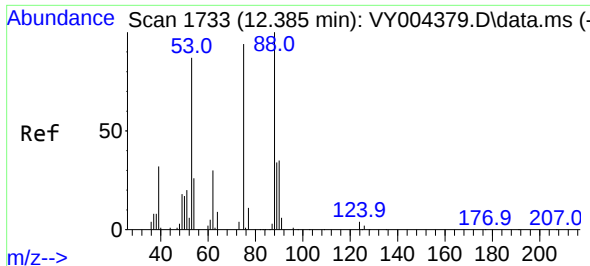
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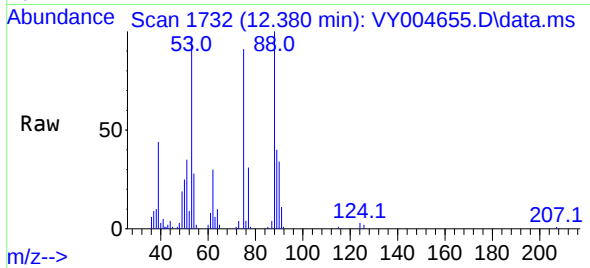
#80  
1,3,5-Trimethylbenzene  
Concen: 19.78 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

Tgt Ion: 105 Resp: 143343  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.6 74.0

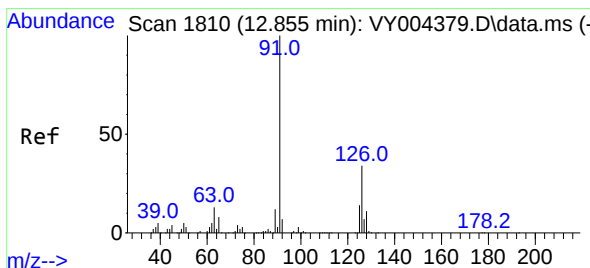
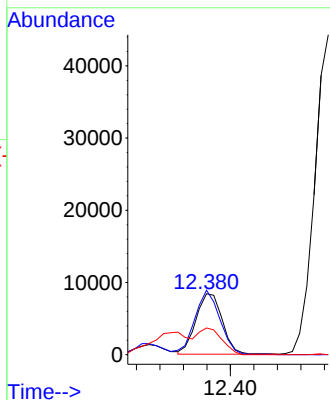
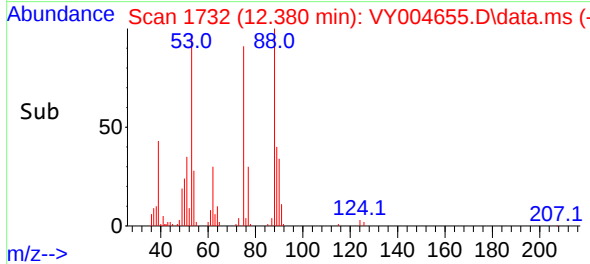




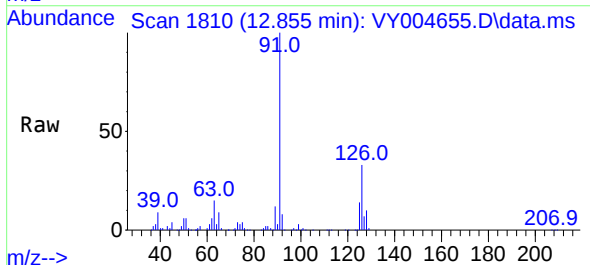
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.87 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



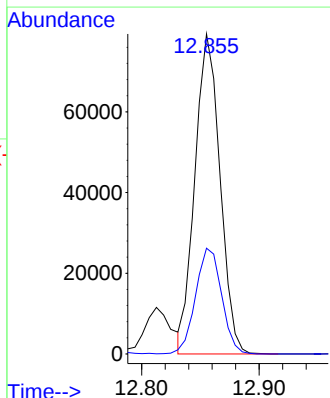
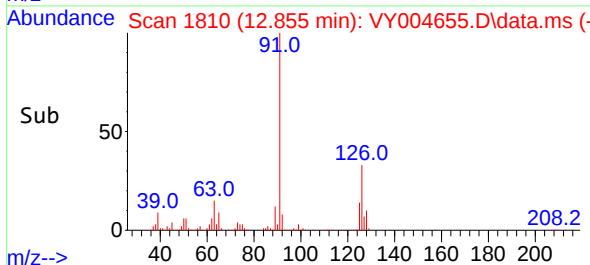
Tgt Ion: 75 Resp: 13059  
Ion Ratio Lower Upper  
75 100  
53 102.4 75.0 112.6  
89 39.6 36.1 54.1



#82  
4-Chlorotoluene  
Concen: 19.31 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



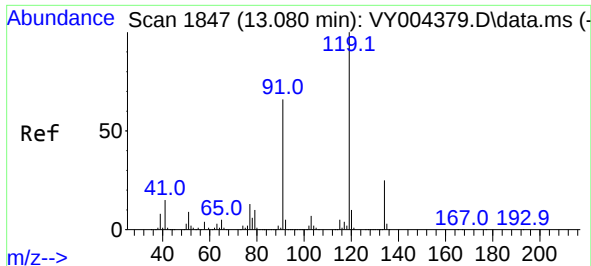
Tgt Ion: 91 Resp: 117455  
Ion Ratio Lower Upper  
91 100  
126 34.4 16.9 50.7



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

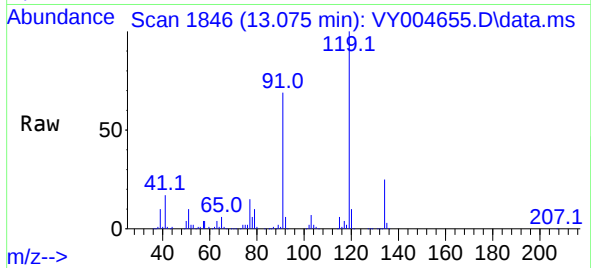
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#83  
tert-Butylbenzene  
Concen: 19.49 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

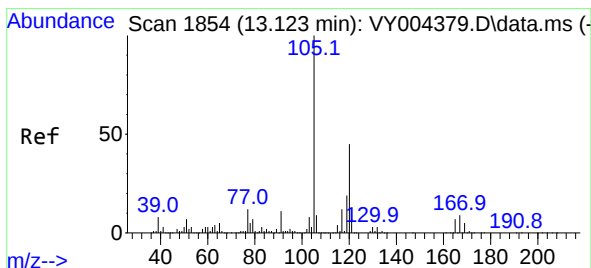
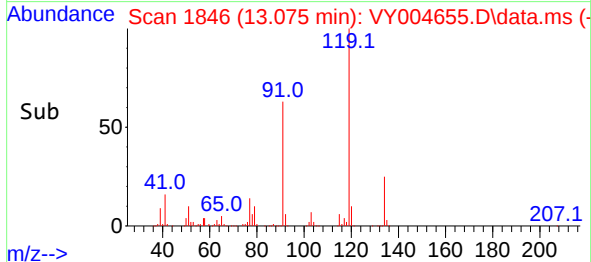
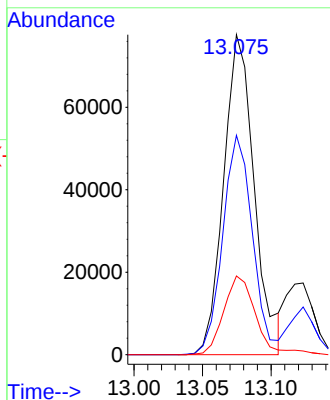
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



Tgt Ion:119 Resp: 120890  
Ion Ratio Lower Upper  
119 100  
91 66.7 32.6 98.0  
134 25.7 12.9 38.6

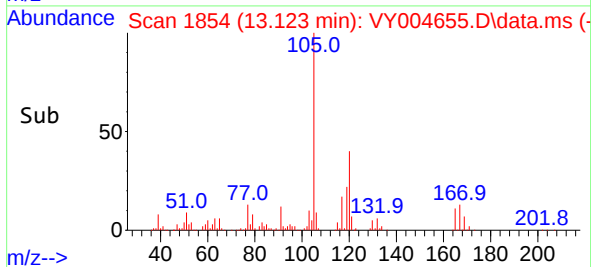
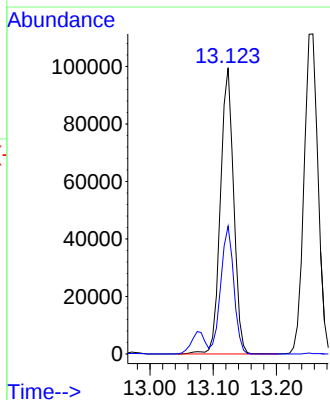
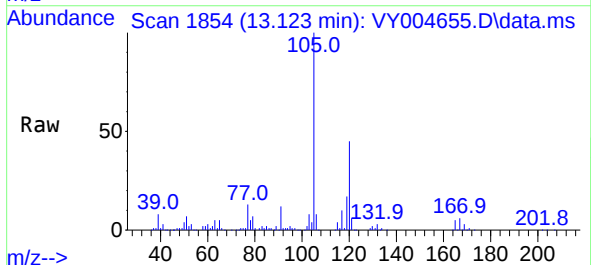
Manual Integrations  
APPROVED

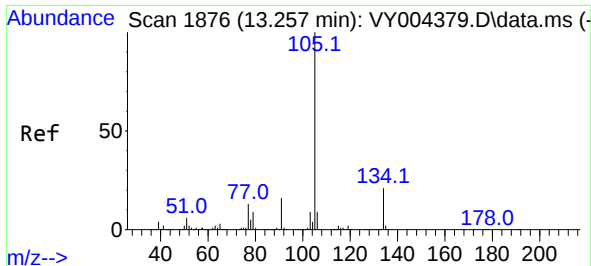
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4/30/2021 10:49:06 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 19.69 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

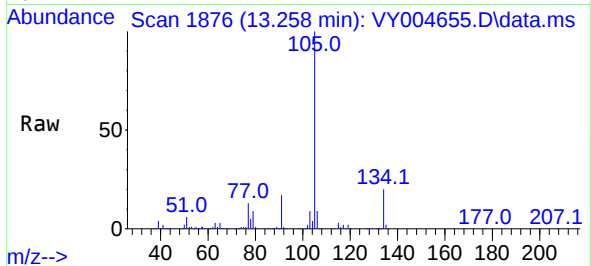
Tgt Ion:105 Resp: 143994  
Ion Ratio Lower Upper  
105 100  
120 44.1 22.4 67.3





#85  
sec-Butylbenzene  
Concen: 19.76 ug/l  
RT: 13.258 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

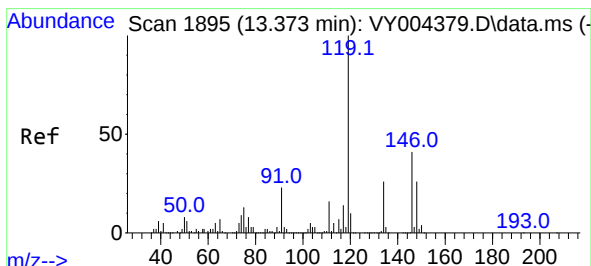
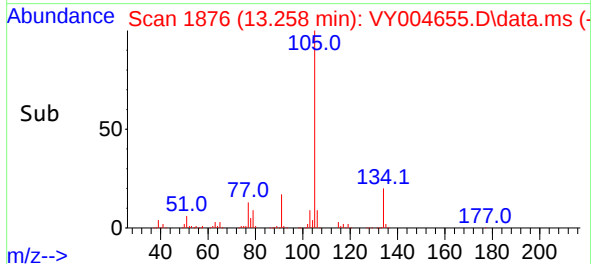
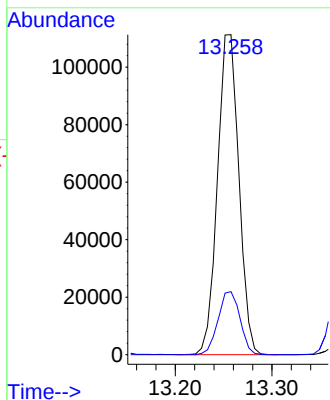
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



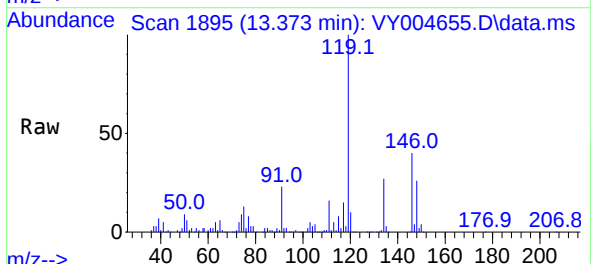
Tgt Ion:105 Resp: 170972  
Ion Ratio Lower Upper  
105 100  
134 20.1 10.1 30.3

Manual Integrations  
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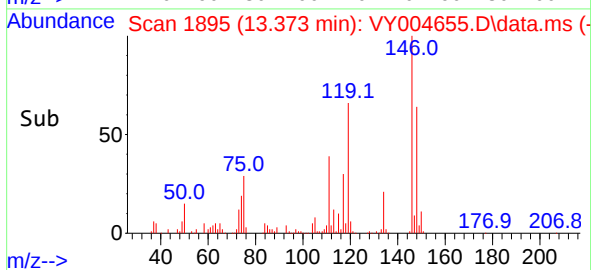
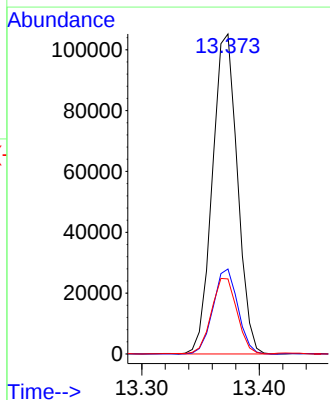
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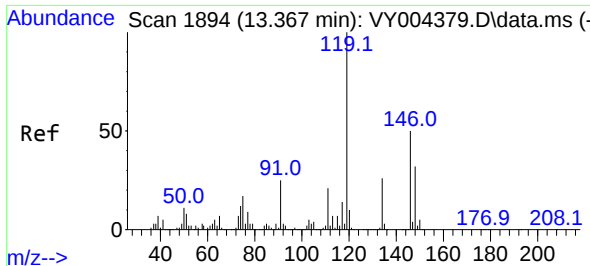


#86  
p-Isopropyltoluene  
Concen: 19.83 ug/l  
RT: 13.373 min Scan# 1895  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



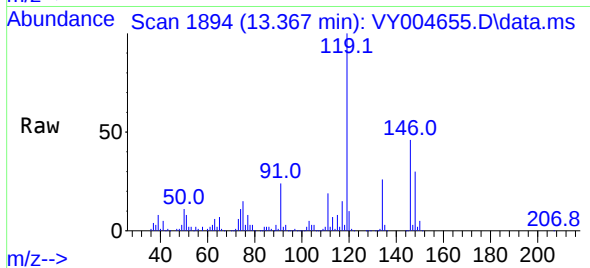
Tgt Ion:119 Resp: 156026  
Ion Ratio Lower Upper  
119 100  
134 26.2 13.3 39.8  
91 24.2 11.9 35.7





#87  
1,3-Dichlorobenzene  
Concen: 19.28 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

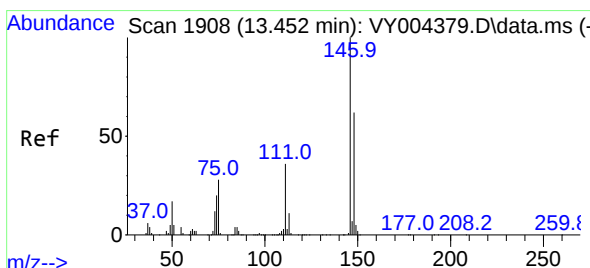
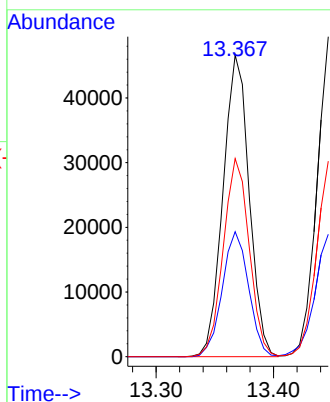
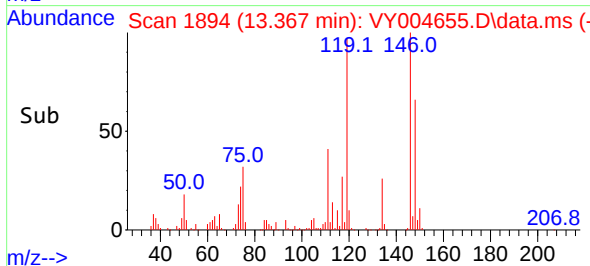
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01



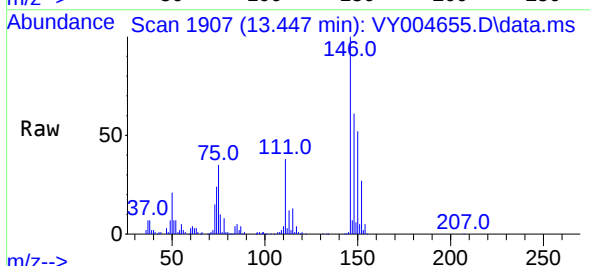
Tgt Ion:146 Resp: 71974  
Ion Ratio Lower Upper  
146 100  
111 41.9 20.4 61.2  
148 65.3 32.1 96.5

Manual Integrations  
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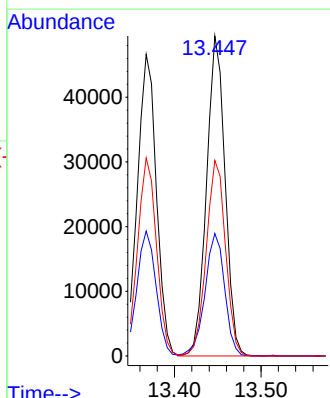
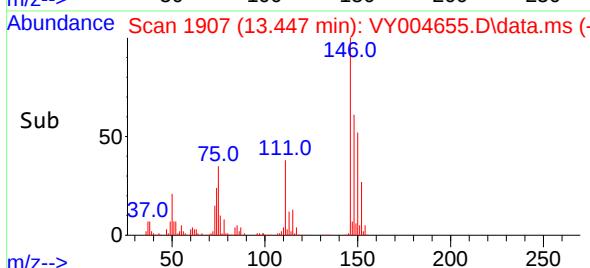
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4/30/2021 10:49:06 AM

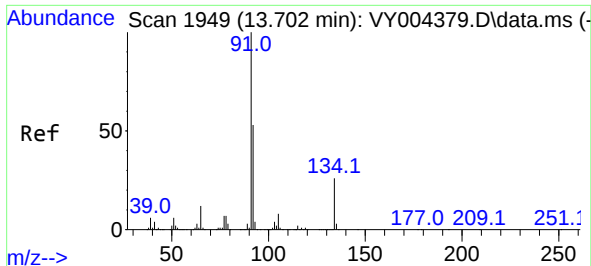


#88  
1,4-Dichlorobenzene  
Concen: 19.57 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



Tgt Ion:146 Resp: 73523  
Ion Ratio Lower Upper  
146 100  
111 40.6 19.6 58.8  
148 63.7 31.9 95.5





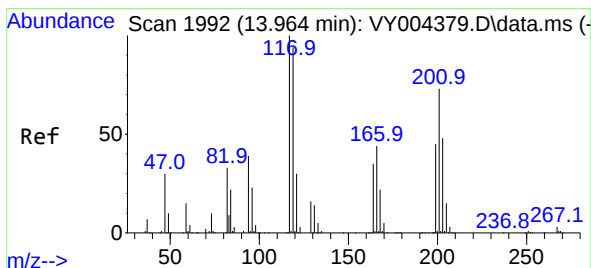
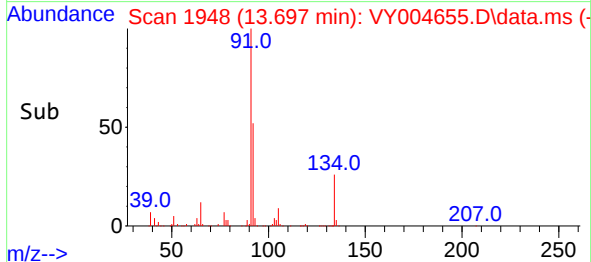
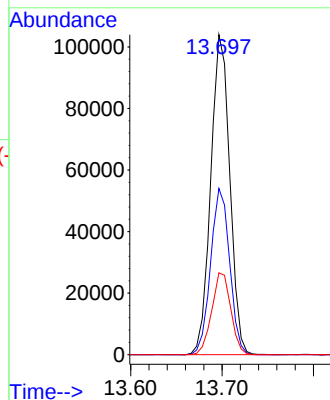
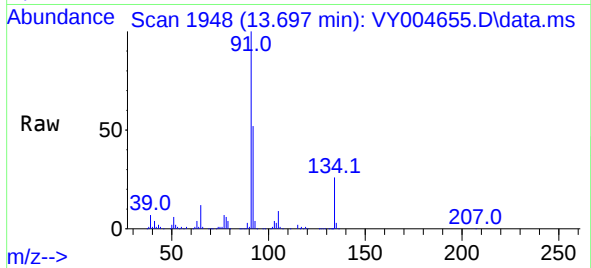
#89  
n-Butylbenzene  
Concen: 19.99 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 150162 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 51.9  | 26.6  | 79.8   |
| 134      | 25.7  | 12.7  | 38.1   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

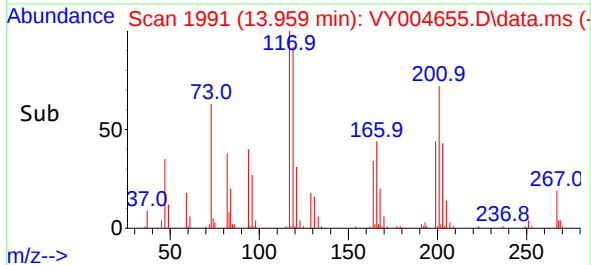
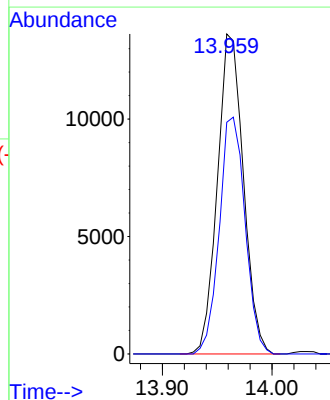
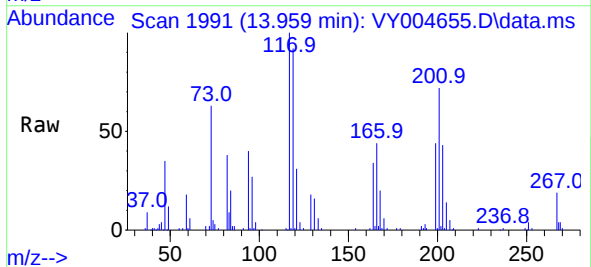
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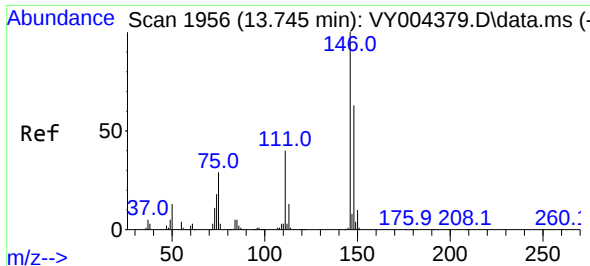
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4/30/2021 10:49:06 AM



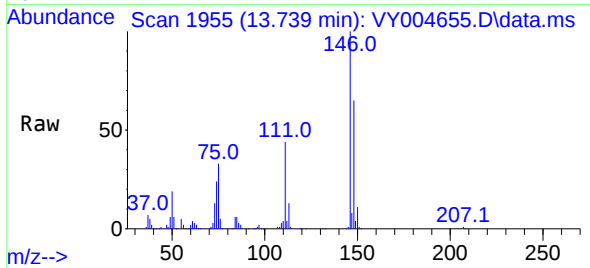
#90  
Hexachloroethane  
Concen: 21.29 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 22477 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 73.4  | 36.6  | 109.9 |

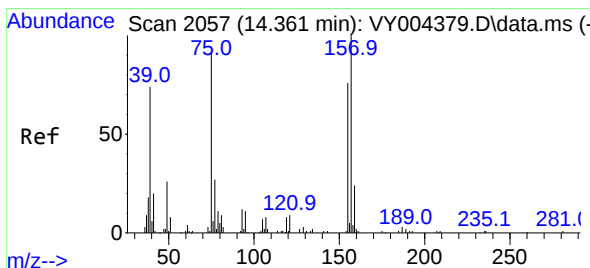
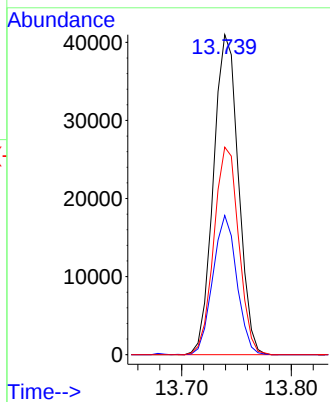
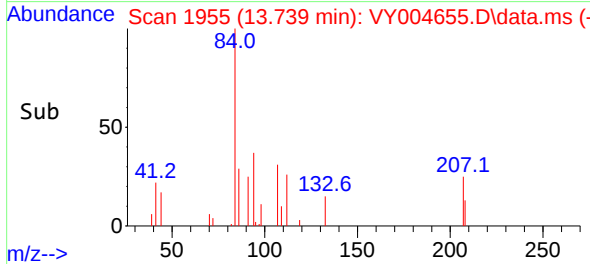




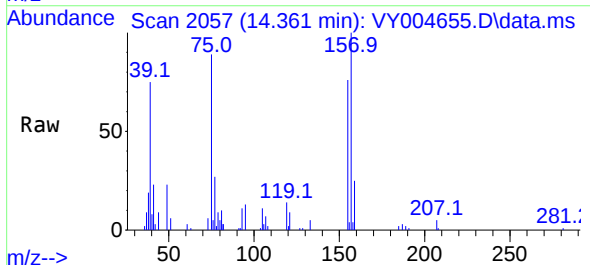
#91  
1,2-Dichlorobenzene  
Concen: 19.59 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



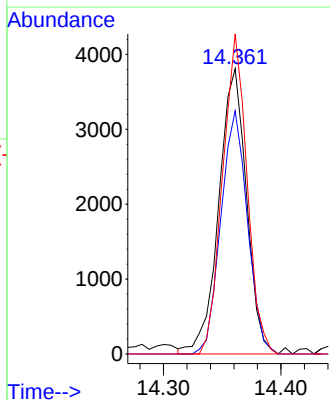
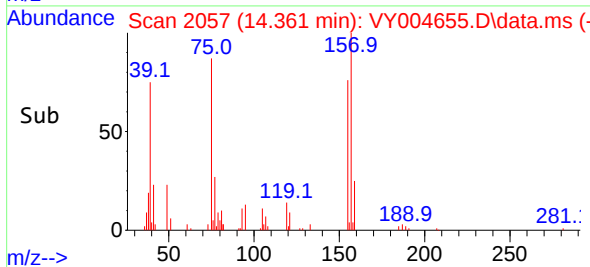
Tgt Ion:146 Resp: 64908  
Ion Ratio Lower Upper  
146 100  
111 41.8 20.9 62.7  
148 64.6 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.65 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27



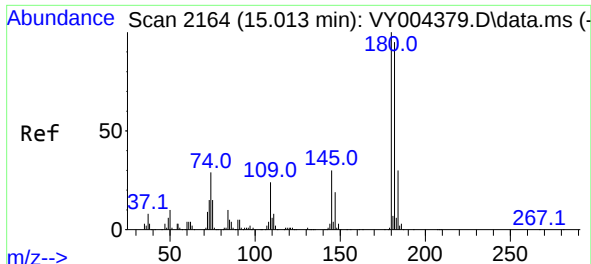
Tgt Ion: 75 Resp: 6250  
Ion Ratio Lower Upper  
75 100  
155 81.4 40.6 121.8  
157 98.9 53.0 159.0



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

Manual Integrations  
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4/30/2021 10:49:06 AM



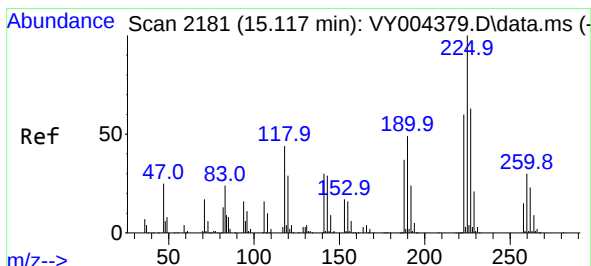
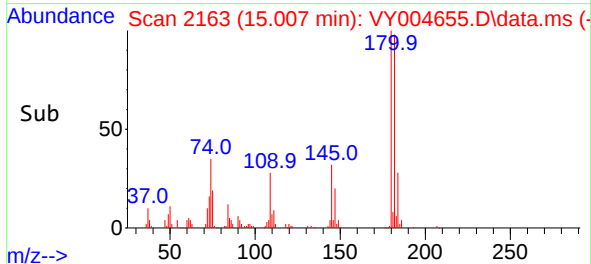
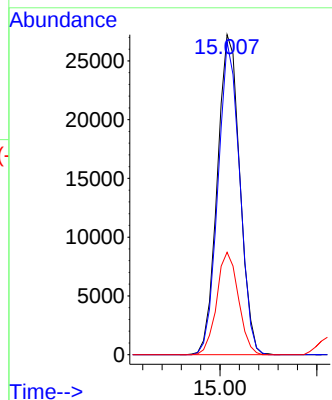
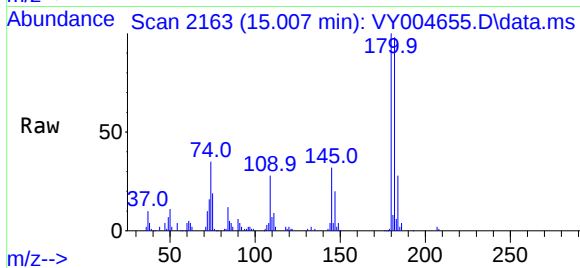
#93  
1,2,4-Trichlorobenzene  
Concen: 20.01 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 43824      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.2  | 47.3 141.8 |
| 145         | 30.9  | 15.5 46.5  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

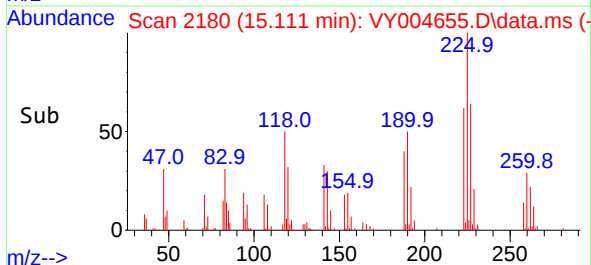
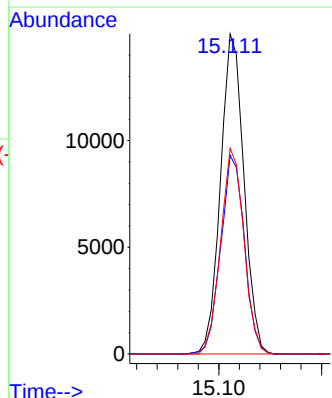
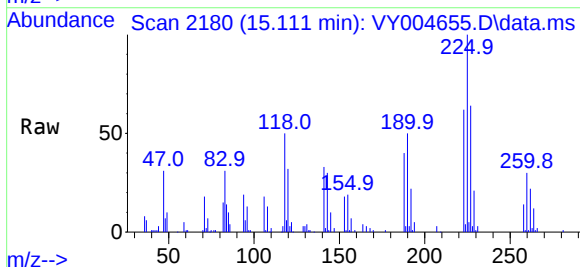
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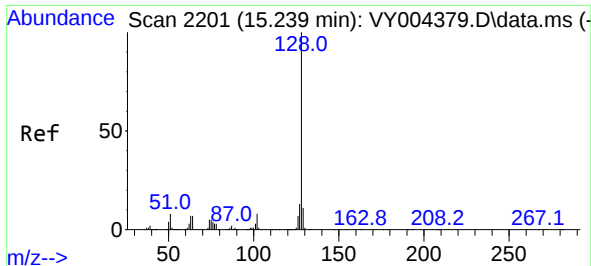
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4/30/2021 10:49:06 AM



#94  
Hexachlorobutadiene  
Concen: 20.68 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.006 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 23647     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.7  | 31.3 93.9 |
| 227         | 63.8  | 32.2 96.6 |





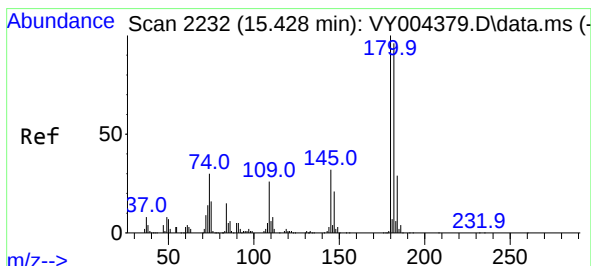
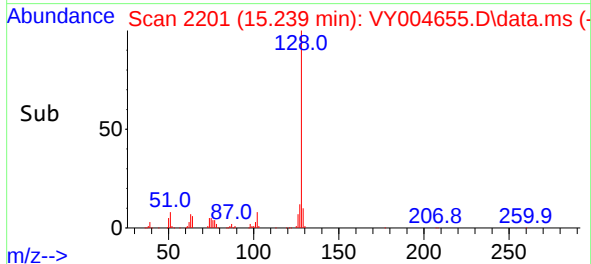
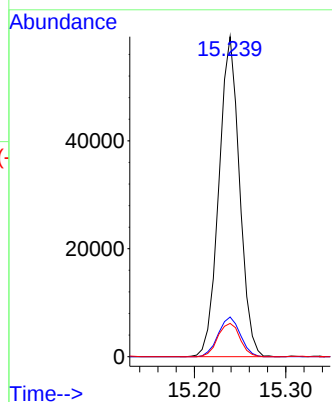
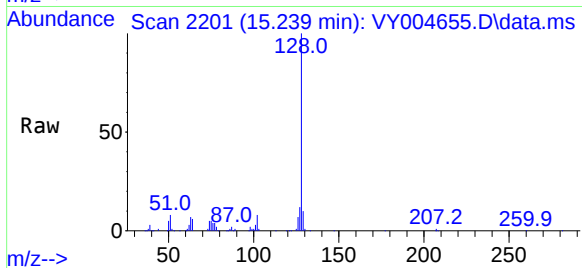
#95  
Naphthalene  
Concen: 19.51 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 92909 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.3  | 10.2  | 15.2  |
| 129       | 11.2  | 8.8   | 13.2  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0429SBS01

Manual Integrations  
APPROVED

MMDadoda  
4/30/2021 10:49:06 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 20.12 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY004655.D  
Acq: 29 Apr 2021 13:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 38882 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.4  | 47.6  | 142.8 |
| 145       | 32.2  | 16.3  | 48.8  |

