

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062221\  
 Data File : VW019259.D  
 Acq On : 22 Jun 2021 11:22  
 Operator : SY/VA  
 Sample : VW0622SBS01  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0622SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 6/23/2021 5:29:27 PM

Quant Time: Jun 23 05:39:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W062121S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 21 12:12:47 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units    | Dev(Min) |
|------------------------------|--------|------|----------|--------|----------|----------|
| -----                        |        |      |          |        |          |          |
| Internal Standards           |        |      |          |        |          |          |
| 1) Pentafluorobenzene        | 7.952  | 168  | 424977   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.842  | 114  | 684065   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5         | 11.634 | 117  | 609725   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.560 | 152  | 288267   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds  |        |      |          |        |          |          |
| 33) 1,2-Dichloroethane-d4    | 8.305  | 65   | 236314   | 45.839 | ug/l     | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 91.680%  |          |
| 35) Dibromofluoromethane     | 7.885  | 113  | 217429   | 49.902 | ug/l     | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 99.800%  |          |
| 50) Toluene-d8               | 10.323 | 98   | 866056   | 49.653 | ug/l     | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 99.300%  |          |
| 62) 4-Bromofluorobenzene     | 12.615 | 95   | 307765   | 50.451 | ug/l     | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 100.900% |          |
| Target Compounds             |        |      |          |        |          |          |
|                              |        |      |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane   | 2.014  | 85   | 56972    | 18.900 | ug/l     | 92       |
| 3) Chloromethane             | 2.215  | 50   | 56718    | 15.912 | ug/l     | 99       |
| 4) Vinyl Chloride            | 2.367  | 62   | 97785    | 17.935 | ug/l     | 98       |
| 5) Bromomethane              | 2.788  | 94   | 75245    | 17.632 | ug/l     | 96       |
| 6) Chloroethane              | 2.928  | 64   | 60289    | 16.648 | ug/l     | 98       |
| 7) Trichlorofluoromethane    | 3.263  | 101  | 54946    | 17.774 | ug/l     | 99       |
| 8) Diethyl Ether             | 3.684  | 74   | 43653    | 18.530 | ug/l     | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 4.074  | 101  | 88671    | 19.851 | ug/l     | 99       |
| 10) Methyl Iodide            | 4.275  | 142  | 119409   | 19.977 | ug/l     | 97       |
| 11) Tert butyl alcohol       | 5.208  | 59   | 22052    | 79.114 | ug/l #   | 82       |
| 12) 1,1-Dichloroethene       | 4.044  | 96   | 89926    | 19.581 | ug/l     | 92       |
| 13) Acrolein                 | 3.904  | 56   | 23098    | 85.100 | ug/l     | 95       |
| 14) Allyl chloride           | 4.672  | 41   | 114276   | 18.538 | ug/l     | 99       |
| 15) Acrylonitrile            | 5.373  | 53   | 79389    | 82.260 | ug/l     | 99       |
| 16) Acetone                  | 4.135  | 43   | 64725    | 78.226 | ug/l     | 95       |
| 17) Carbon Disulfide         | 4.391  | 76   | 245602   | 18.120 | ug/l     | 100      |
| 18) Methyl Acetate           | 4.678  | 43   | 32777    | 15.571 | ug/l     | 98       |
| 19) Methyl tert-butyl Ether  | 5.428  | 73   | 117760   | 18.915 | ug/l     | 97       |
| 20) Methylene Chloride       | 4.922  | 84   | 130242   | 21.644 | ug/l     | 94       |
| 21) trans-1,2-Dichloroethene | 5.428  | 96   | 97279    | 19.032 | ug/l     | 97       |
| 22) Diisopropyl ether        | 6.312  | 45   | 240895   | 17.988 | ug/l     | 97       |
| 23) Vinyl Acetate            | 6.257  | 43   | 692677   | 85.214 | ug/l     | 99       |
| 24) 1,1-Dichloroethane       | 6.220  | 63   | 174748   | 18.513 | ug/l     | 99       |
| 25) 2-Butanone               | 7.177  | 43   | 96532    | 79.105 | ug/l     | 98       |
| 26) 2,2-Dichloropropane      | 7.165  | 77   | 100280   | 19.394 | ug/l     | 98       |
| 27) cis-1,2-Dichloroethene   | 7.171  | 96   | 106493   | 19.197 | ug/l     | 99       |
| 28) Bromochloromethane       | 7.513  | 49   | 65509    | 17.533 | ug/l     | 99       |
| 29) Tetrahydrofuran          | 7.537  | 42   | 60167    | 79.605 | ug/l     | 98       |
| 30) Chloroform               | 7.677  | 83   | 177207   | 18.718 | ug/l     | 96       |
| 31) Cyclohexane              | 7.958  | 56   | 160780   | 18.342 | ug/l     | 96       |
| 32) 1,1,1-Trichloroethane    | 7.878  | 97   | 141760   | 19.883 | ug/l     | 99       |
| 36) 1,1-Dichloropropene      | 8.086  | 75   | 143349   | 19.801 | ug/l     | 100      |
| 37) Ethyl Acetate            | 7.257  | 43   | 46191    | 17.067 | ug/l     | 100      |
| 38) Carbon Tetrachloride     | 8.067  | 117  | 133013   | 21.017 | ug/l     | 98       |
| 39) Methylcyclohexane        | 9.336  | 83   | 175694   | 20.461 | ug/l     | 98       |
| 40) Benzene                  | 8.324  | 78   | 392379   | 19.784 | ug/l     | 99       |

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 Sample : VW0622SBS01  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0622SBS01

Manual Integrations  
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 6/23/2021 5:29:27 PM

Quant Time: Jun 23 05:39:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W062121S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 21 12:12:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.482  | 41   | 25290    | 16.700  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.403  | 62   | 113763   | 19.305  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.427  | 43   | 88119    | 17.060  | ug/l   | 99       |
| 44) Trichloroethene           | 9.092  | 130  | 99245    | 20.106  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.372  | 63   | 92676    | 19.039  | ug/l   | 97       |
| 46) Dibromomethane            | 9.464  | 93   | 48484    | 18.962  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.646  | 83   | 125347   | 19.393  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.439  | 41   | 42737    | 18.383  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.470  | 88   | 14963    | 453.412 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.207 | 43   | 223003   | 85.216  | ug/l   | 99       |
| 52) Toluene                   | 10.390 | 92   | 248576   | 20.141  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.610 | 75   | 121804   | 18.904  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 146706   | 19.531  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.787 | 97   | 65870    | 18.695  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 81664    | 18.300  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 116920   | 18.426  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 198333   | 94.789  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.969 | 43   | 148805   | 83.953  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.128 | 129  | 72168    | 18.930  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 63686    | 19.309  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.866 | 164  | 85083    | 21.951  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.658 | 112  | 253486   | 20.451  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 85527    | 20.181  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.731 | 91   | 483659   | 20.669  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.841 | 106  | 366248   | 41.924  | ug/l   | 97       |
| 69) o-Xylene                  | 12.164 | 106  | 172518   | 21.070  | ug/l   | 100      |
| 70) Styrene                   | 12.183 | 104  | 287092   | 20.794  | ug/l   | 100      |
| 71) Bromoform                 | 12.347 | 173  | 38271    | 18.619  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.463 | 105  | 464984   | 21.688  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.274 | 43   | 83927    | 18.484  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 73242    | 18.780  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 48426m   | 17.148  | ug/l   |          |
| 77) Bromobenzene              | 12.750 | 156  | 101616   | 22.018  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.804 | 91   | 583659   | 21.592  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 334939   | 21.676  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 400793   | 22.049  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 21348    | 18.339  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 348772   | 21.596  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.207 | 119  | 340438   | 22.183  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 393802   | 21.821  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.384 | 105  | 527642   | 22.103  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.499 | 119  | 441967   | 22.753  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 208688   | 21.371  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 205381   | 21.281  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.823 | 91   | 427258   | 21.868  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.091 | 117  | 72201    | 20.507  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.865 | 146  | 174913   | 20.538  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 11588    | 18.618  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.133 | 180  | 116295   | 21.396  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 69418    | 21.658  | ug/l   | 94       |
| 95) Naphthalene               | 15.365 | 128  | 201368   | 20.312  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 102609   | 21.840  | ug/l   | 99       |

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Data File : VW019259.D  
Acq On : 22 Jun 2021 11:22  
Operator : SY/VA  
Sample : VW0622SBS01  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

Manual Integrations  
APPROVED

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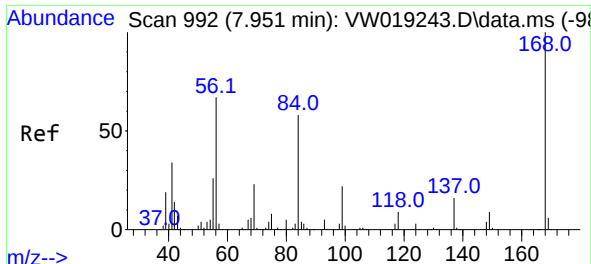
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W062121S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 21 12:12:47 2021  
Response via : Initial Calibration

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

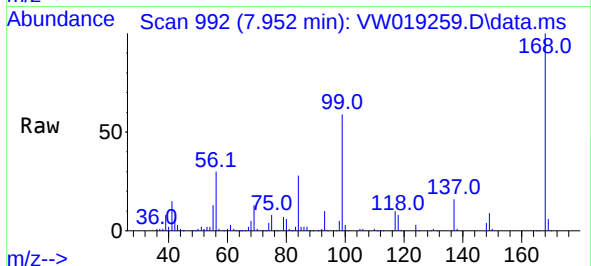
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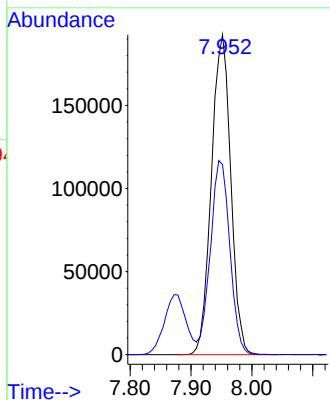
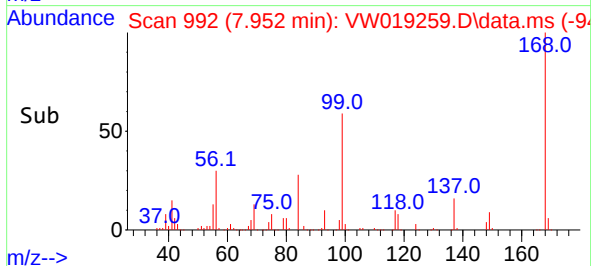




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.952 min Scan# 992  
Delta R.T. 0.001 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



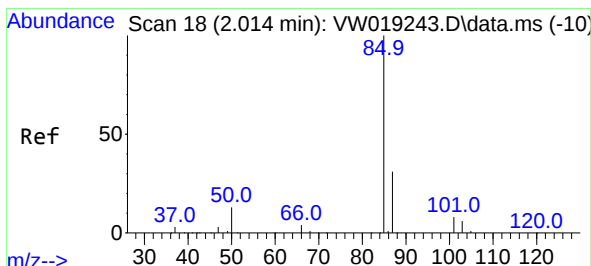
Tgt Ion:168 Resp: 424977  
Ion Ratio Lower Upper  
168 100  
99 59.3 48.8 73.2



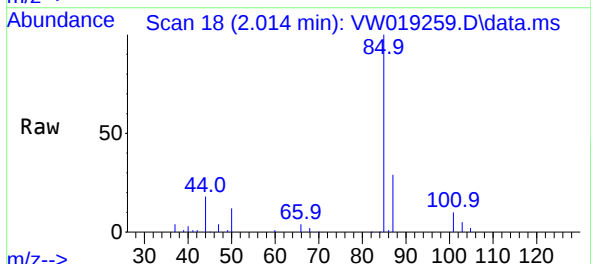
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

Manual Integrations  
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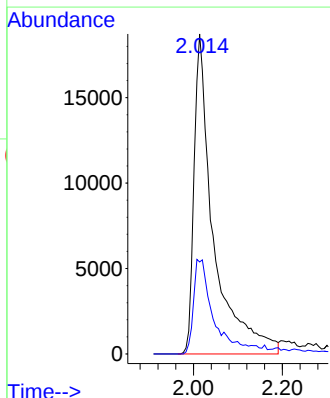
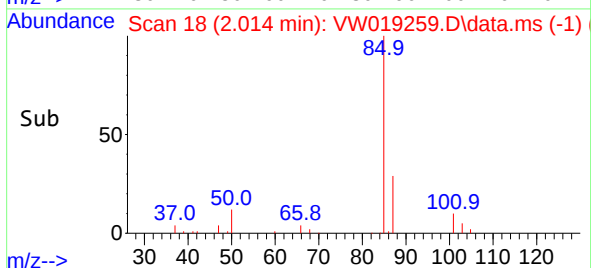
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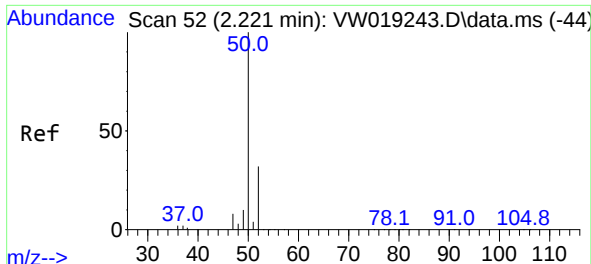


#2  
Dichlorodifluoromethane  
Concen: 18.900 ug/l  
RT: 2.014 min Scan# 18  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



Tgt Ion: 85 Resp: 56972  
Ion Ratio Lower Upper  
85 100  
87 28.7 16.7 50.0





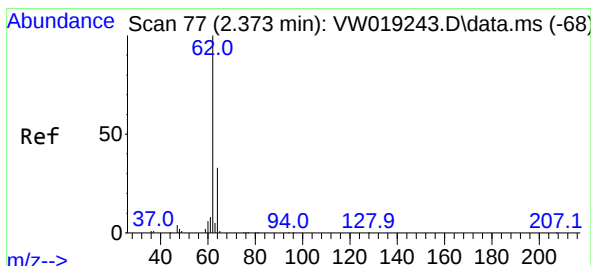
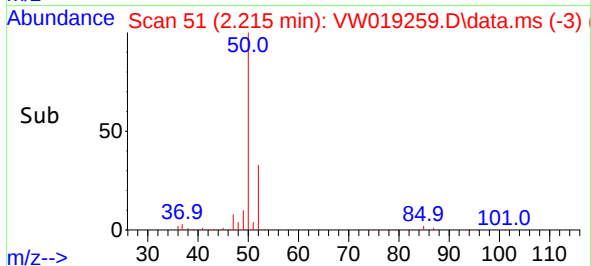
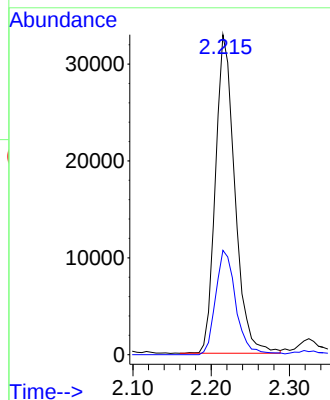
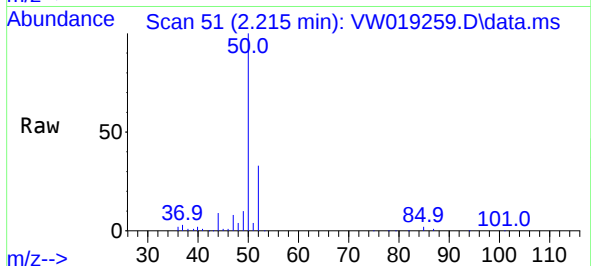
#3  
Chloromethane  
Concen: 15.912 ug/l  
RT: 2.215 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

Tgt Ion: 50 Resp: 56718  
Ion Ratio Lower Upper  
50 100  
52 32.7 26.9 40.3

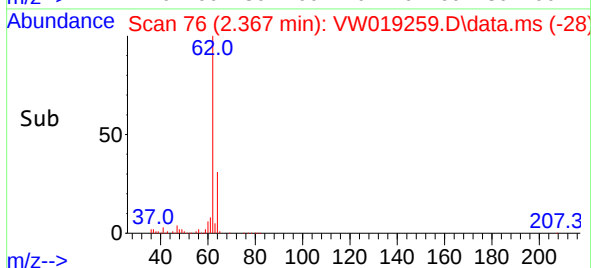
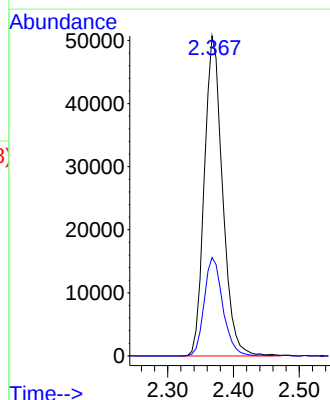
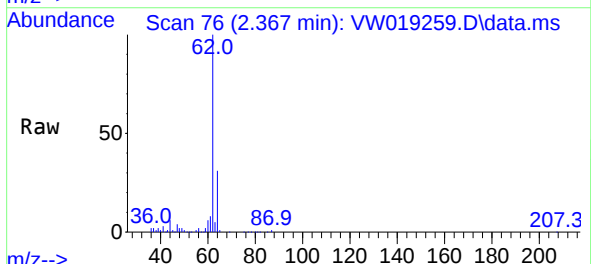
Manual Integrations  
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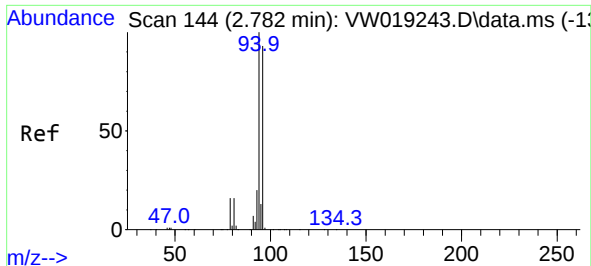
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6/23/2021 5:29:27 PM



#4  
Vinyl Chloride  
Concen: 17.935 ug/l  
RT: 2.367 min Scan# 76  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 62 Resp: 97785  
Ion Ratio Lower Upper  
62 100  
64 30.7 25.3 37.9





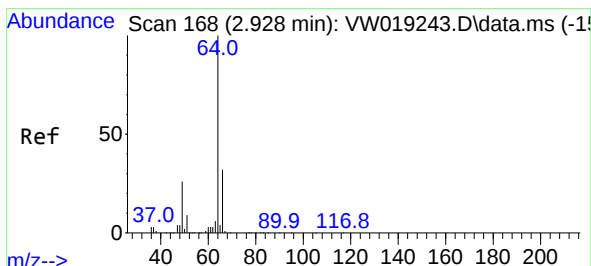
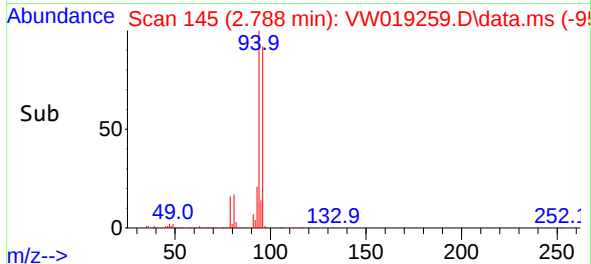
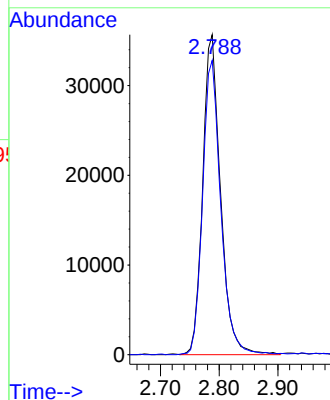
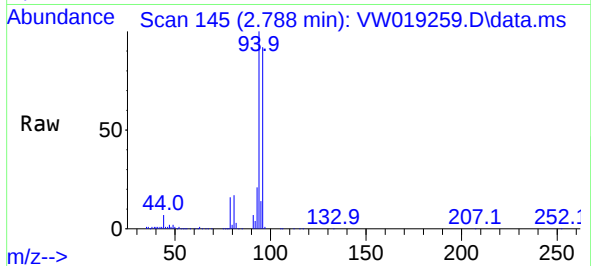
#5  
Bromomethane  
Concen: 17.632 ug/l  
RT: 2.788 min Scan# 145  
Delta R.T. 0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 94 Resp: 75245  
Ion Ratio Lower Upper  
94 100  
96 91.8 76.4 114.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

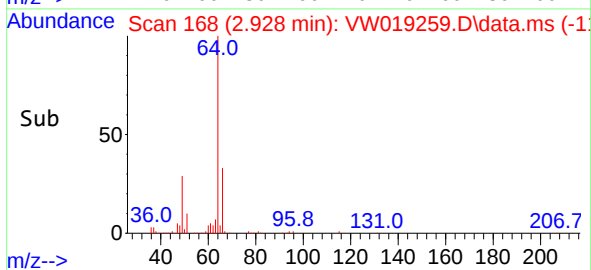
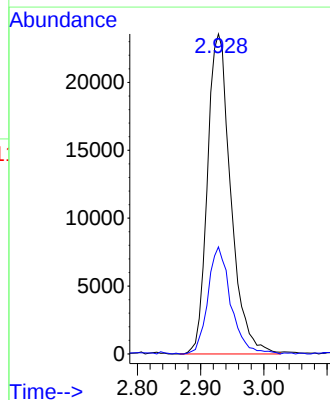
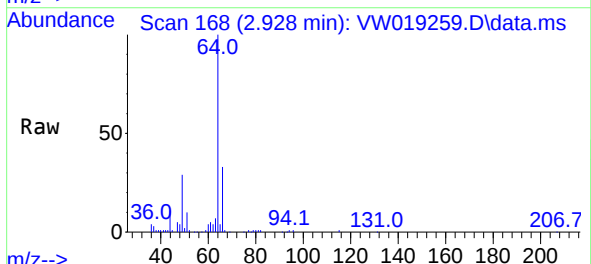
Manual Integrations  
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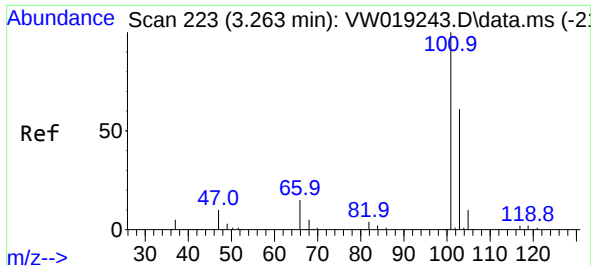
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6/23/2021 5:29:27 PM



#6  
Chloroethane  
Concen: 16.648 ug/l  
RT: 2.928 min Scan# 168  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 64 Resp: 60289  
Ion Ratio Lower Upper  
64 100  
66 33.4 25.9 38.9





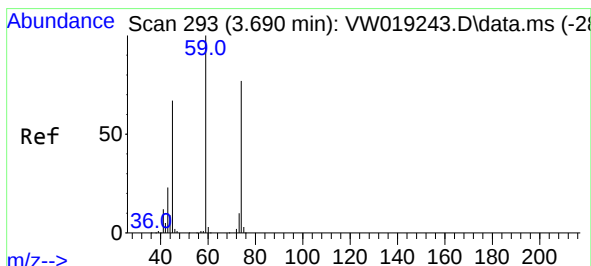
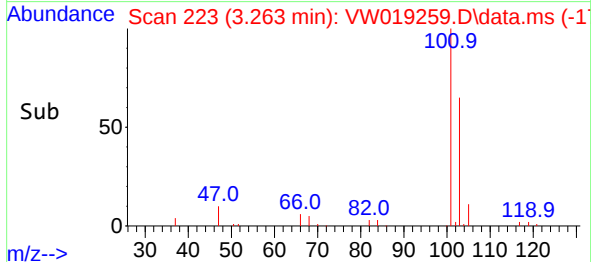
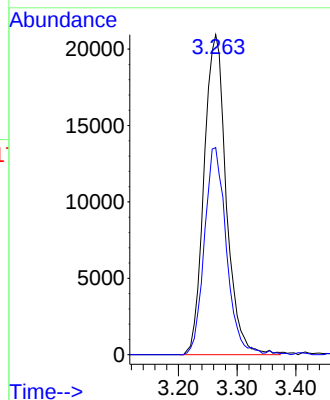
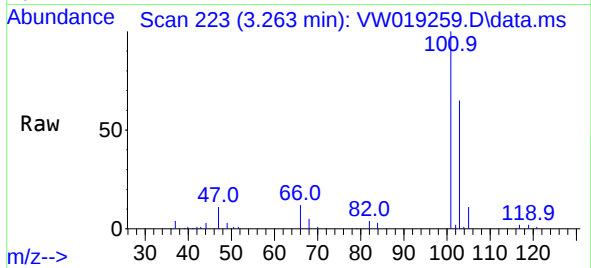
#7  
Trichlorofluoromethane  
Concen: 17.774 ug/l  
RT: 3.263 min Scan# 223  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion:101 Resp: 54946  
Ion Ratio Lower Upper  
101 100  
103 64.7 51.4 77.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
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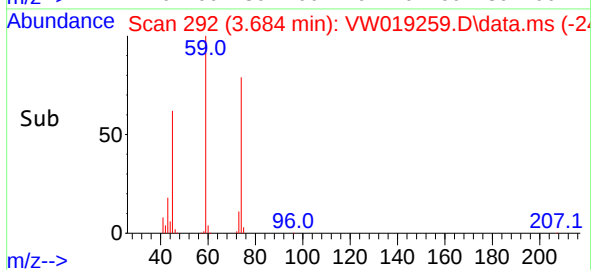
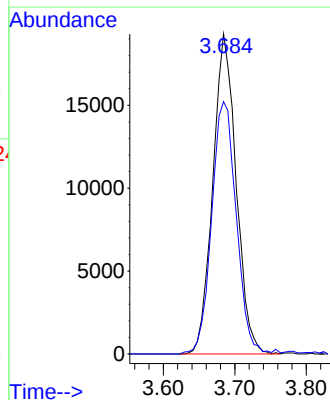
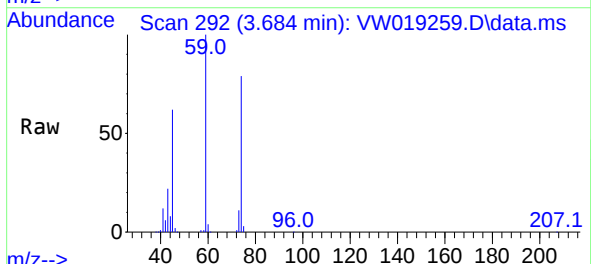
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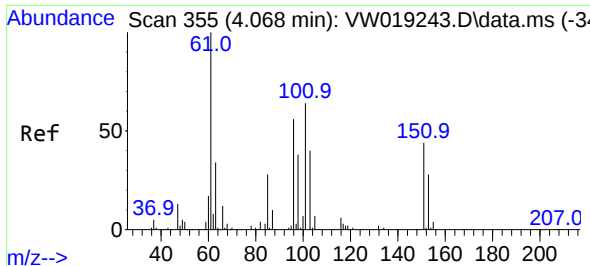
MMDadoda  
6/23/2021 5:29:27 PM



#8  
Diethyl Ether  
Concen: 18.530 ug/l  
RT: 3.684 min Scan# 292  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

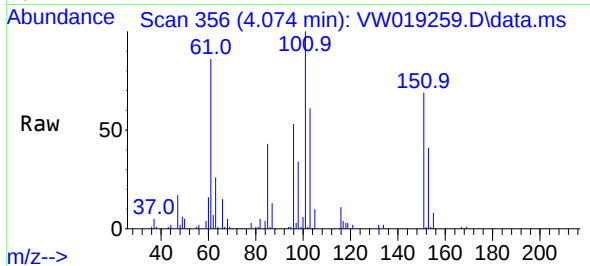
Tgt Ion: 74 Resp: 43653  
Ion Ratio Lower Upper  
74 100  
45 83.2 43.3 129.8





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.851 ug/l  
RT: 4.074 min Scan# 356  
Delta R.T. 0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

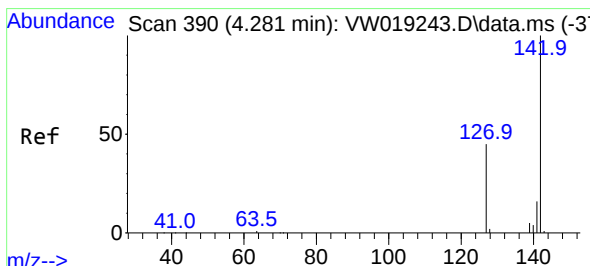
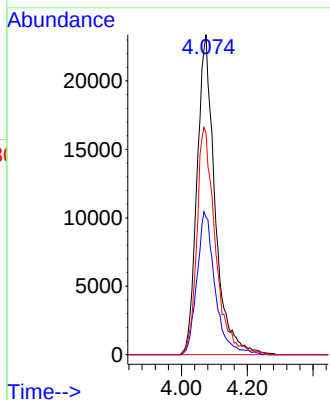
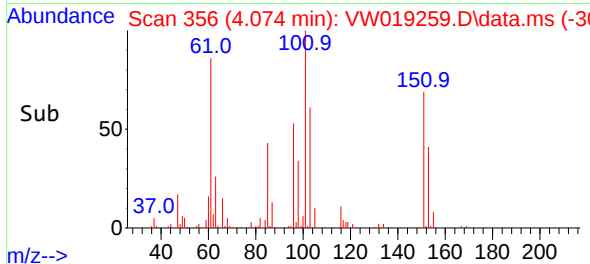
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



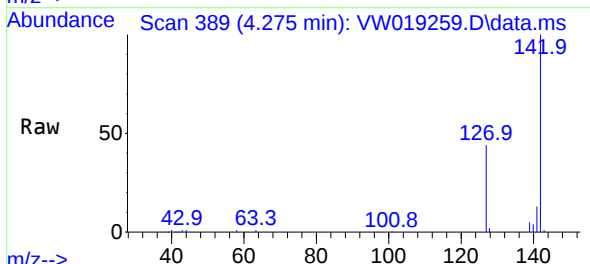
Tgt Ion:101 Resp: 88671  
Ion Ratio Lower Upper  
101 100  
85 45.2 35.9 53.9  
151 73.3 59.8 89.6

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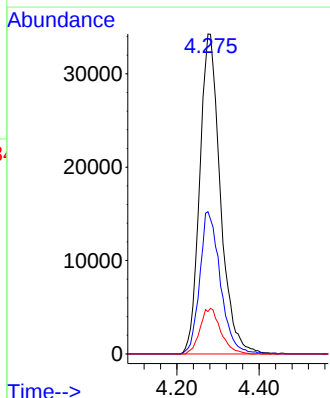
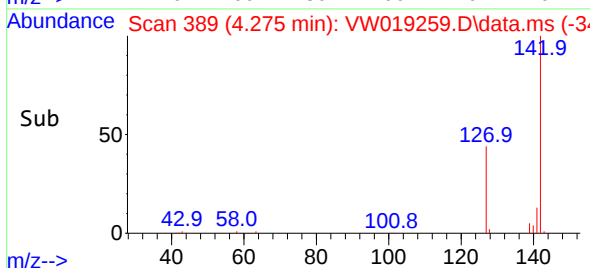
MMDadoda  
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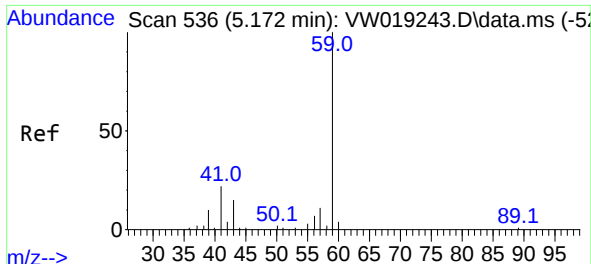


#10  
Methyl Iodide  
Concen: 19.977 ug/l  
RT: 4.275 min Scan# 389  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



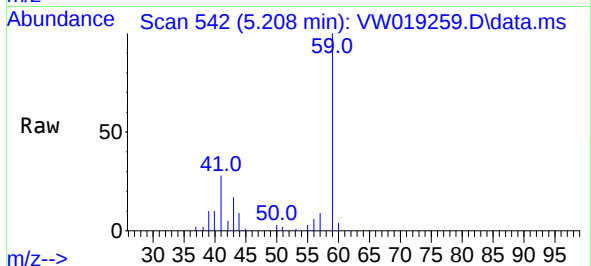
Tgt Ion:142 Resp: 119409  
Ion Ratio Lower Upper  
142 100  
127 44.4 33.7 50.5  
141 14.3 11.2 16.8





#11  
Tert butyl alcohol  
Concen: 79.114 ug/l  
RT: 5.208 min Scan# 542  
Delta R.T. 0.036 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

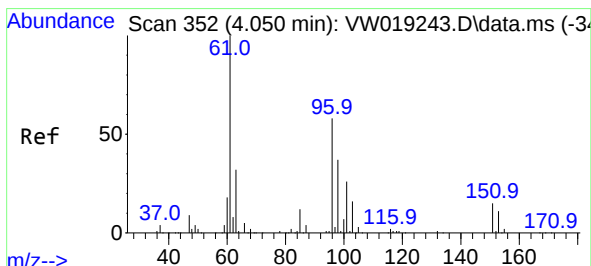
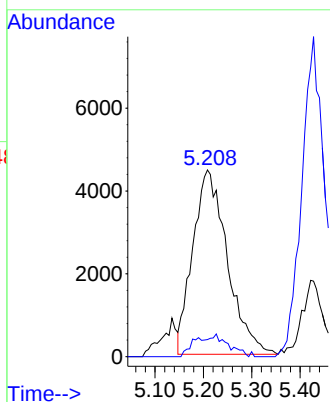
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



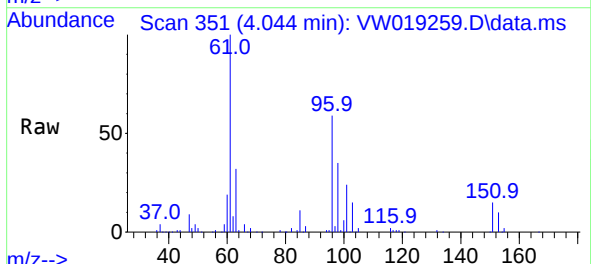
Tgt Ion: 59 Resp: 22052  
Ion Ratio Lower Upper  
59 100  
57 4.3 8.9 13.3#

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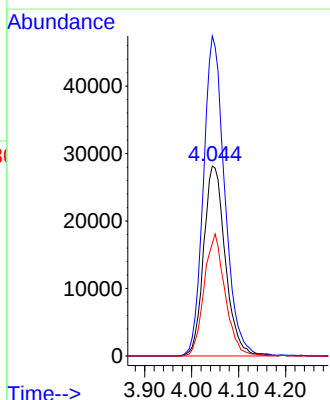
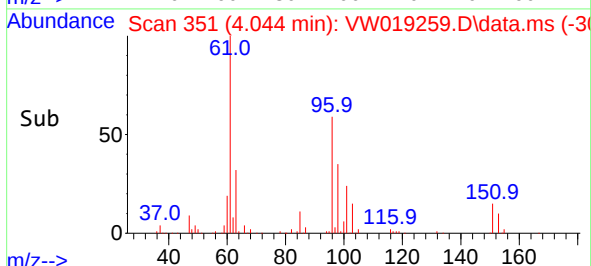
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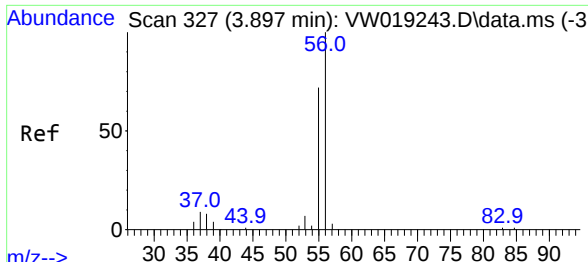


#12  
1,1-Dichloroethene  
Concen: 19.581 ug/l  
RT: 4.044 min Scan# 351  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

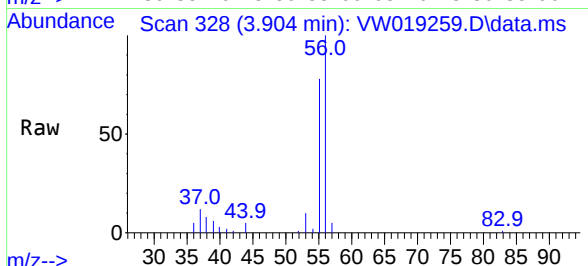


Tgt Ion: 96 Resp: 89926  
Ion Ratio Lower Upper  
96 100  
61 168.4 123.0 184.4  
98 59.2 47.5 71.3

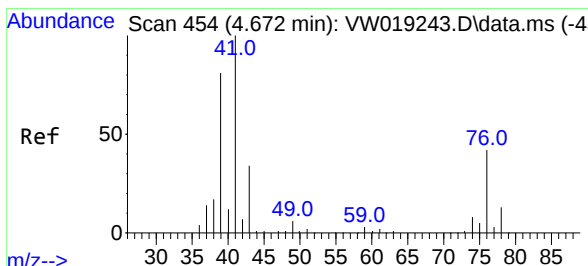
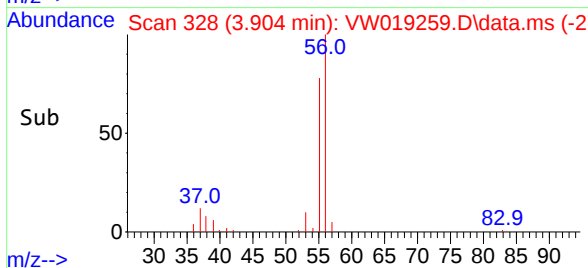
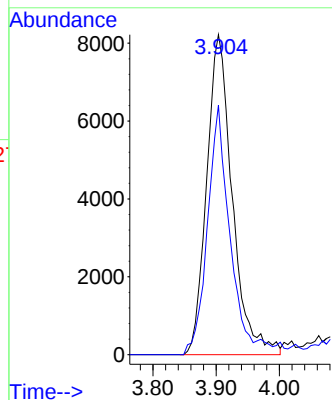




#13  
Acrolein  
Concen: 85.100 ug/l  
RT: 3.904 min Scan# 328  
Delta R.T. 0.007 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

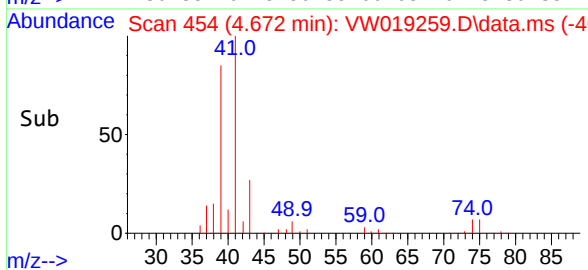
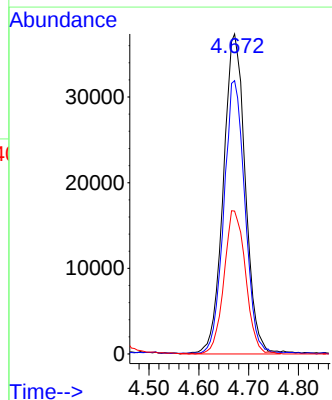
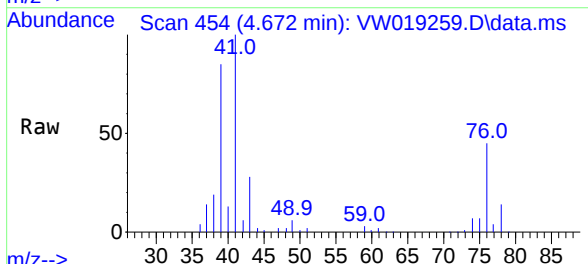


Tgt Ion: 56 Resp: 23098  
Ion Ratio Lower Upper  
56 100  
55 66.7 56.7 85.1



#14  
Allyl chloride  
Concen: 18.538 ug/l  
RT: 4.672 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

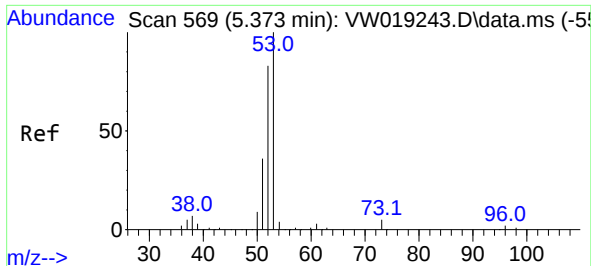
Tgt Ion: 41 Resp: 114276  
Ion Ratio Lower Upper  
41 100  
39 81.7 63.9 95.9  
76 43.9 35.1 52.7



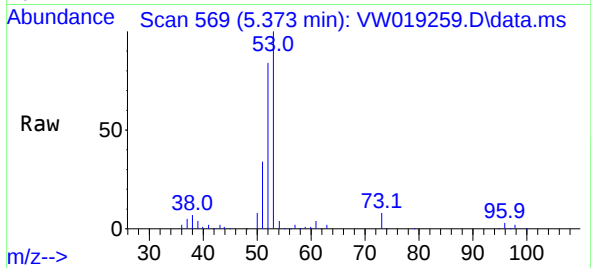
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

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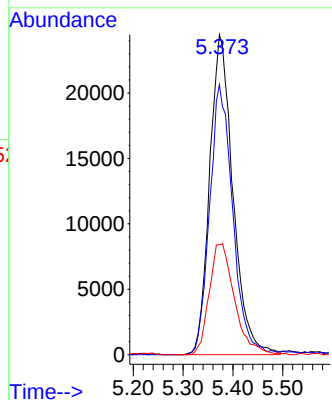


#15  
Acrylonitrile  
Concen: 82.260 ug/l  
RT: 5.373 min Scan# 569  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



Tgt Ion: 53 Resp: 79389

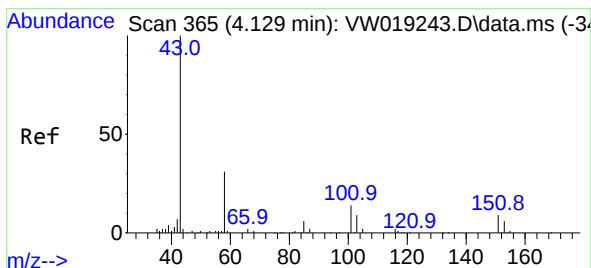
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.7  | 66.5  | 99.7  |
| 51  | 37.6  | 29.8  | 44.8  |



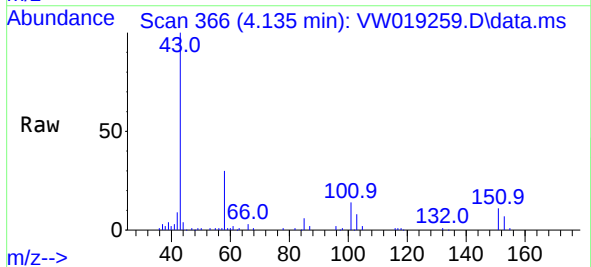
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

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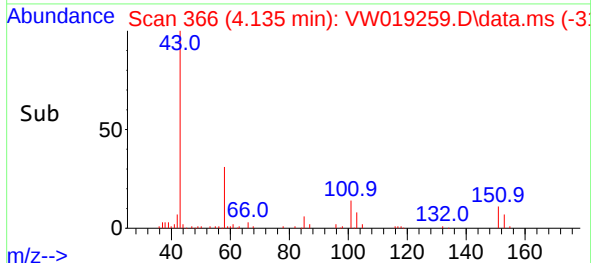
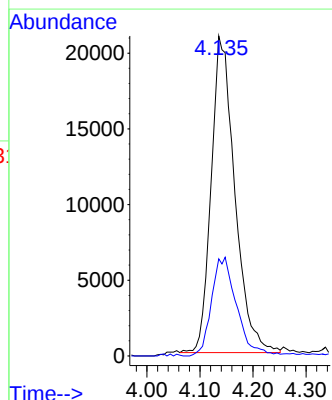


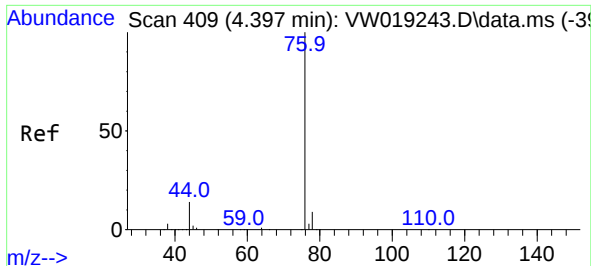
#16  
Acetone  
Concen: 78.226 ug/l  
RT: 4.135 min Scan# 366  
Delta R.T. 0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



Tgt Ion: 43 Resp: 64725

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.4  | 26.4  | 39.6  |





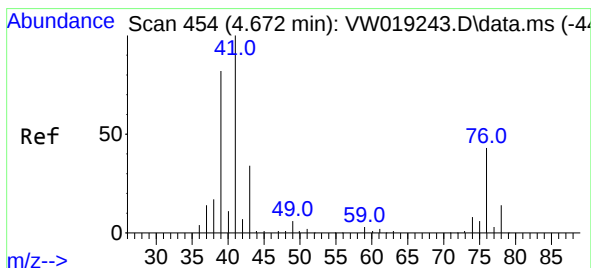
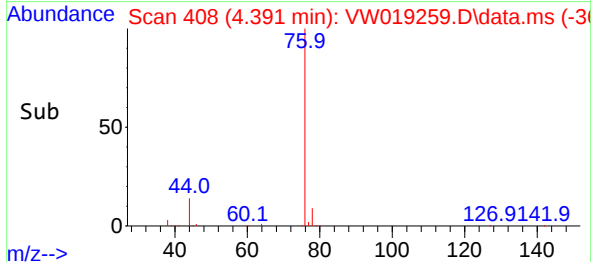
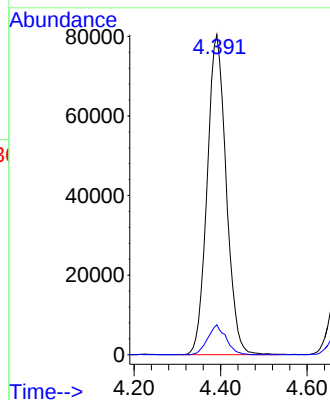
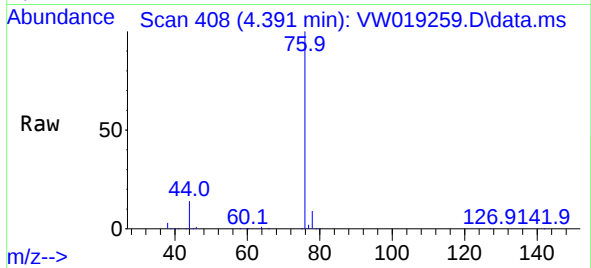
#17  
Carbon Disulfide  
Concen: 18.120 ug/l  
RT: 4.391 min Scan# 408  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 76 Resp: 245602  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

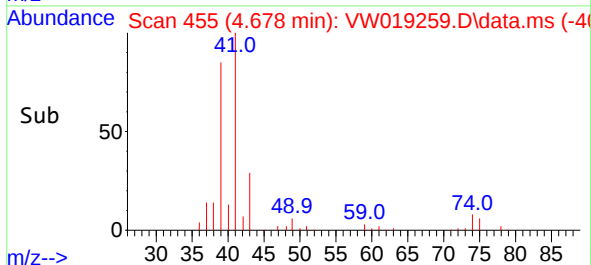
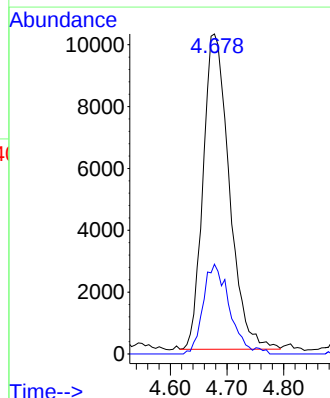
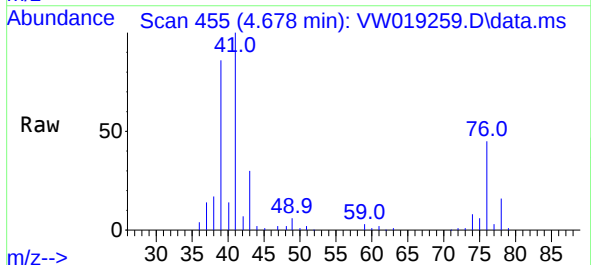
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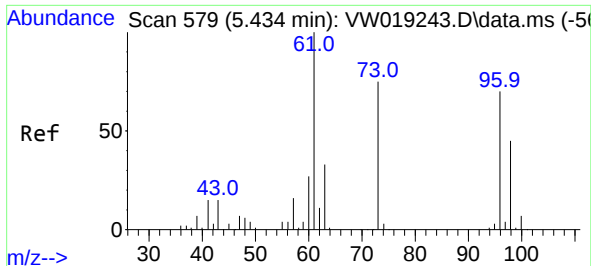
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#18  
Methyl Acetate  
Concen: 15.571 ug/l  
RT: 4.678 min Scan# 455  
Delta R.T. 0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 43 Resp: 32777  
Ion Ratio Lower Upper  
43 100  
74 28.1 21.8 32.8





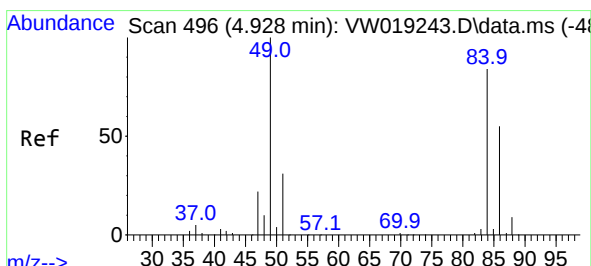
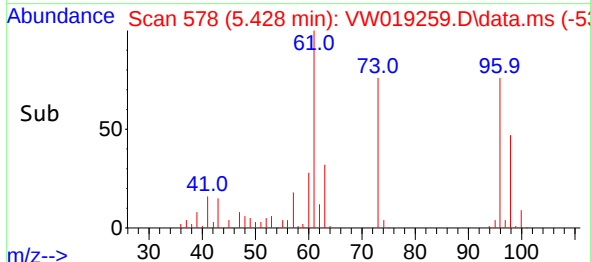
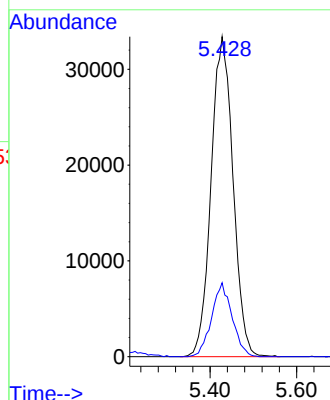
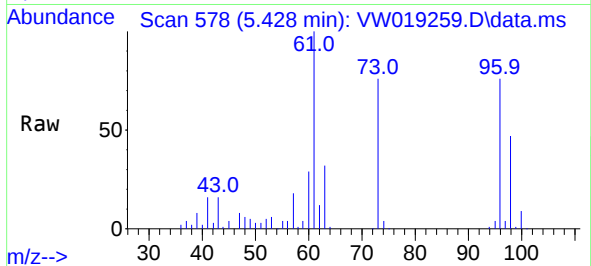
#19  
Methyl tert-butyl Ether  
Concen: 18.915 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 73 Resp: 117760  
Ion Ratio Lower Upper  
73 100  
57 23.1 17.4 26.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

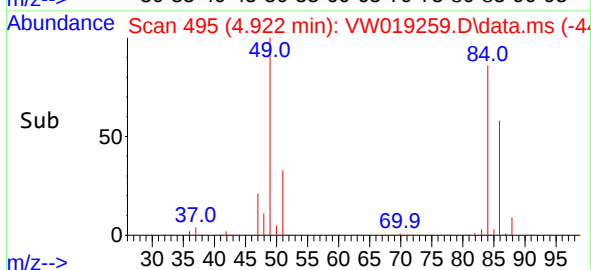
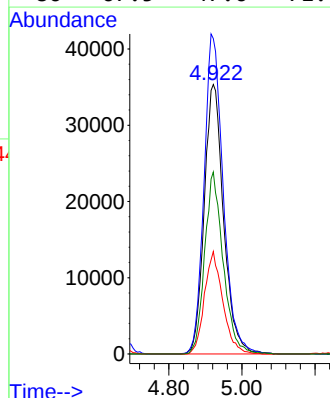
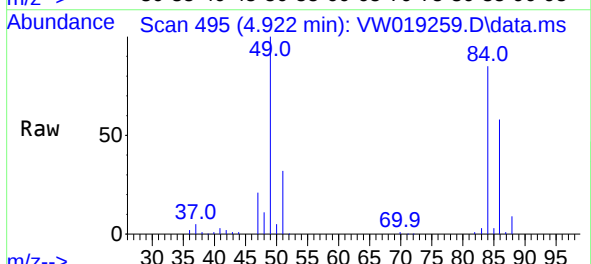
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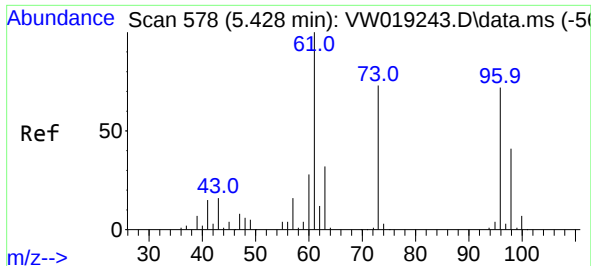
MMDadoda  
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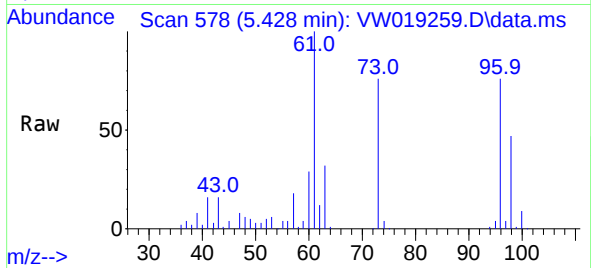
#20  
Methylene Chloride  
Concen: 21.644 ug/l  
RT: 4.922 min Scan# 495  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 84 Resp: 130242  
Ion Ratio Lower Upper  
84 100  
49 117.0 90.4 135.6  
51 38.0 27.1 40.7  
86 67.5 47.6 71.4



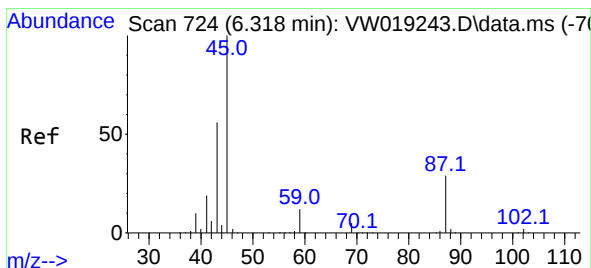
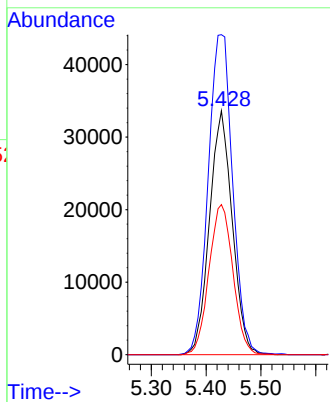
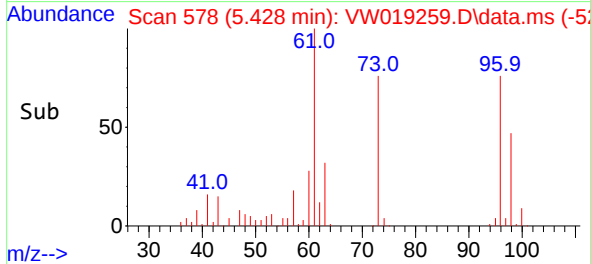


#21  
trans-1,2-Dichloroethene  
Concen: 19.032 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

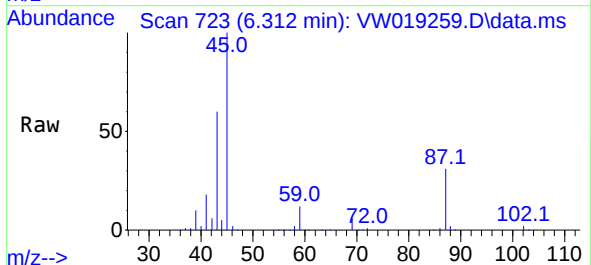


Tgt Ion: 96 Resp: 97279

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 131.3 | 108.5 | 162.7 |
| 98  | 61.6  | 49.4  | 74.0  |

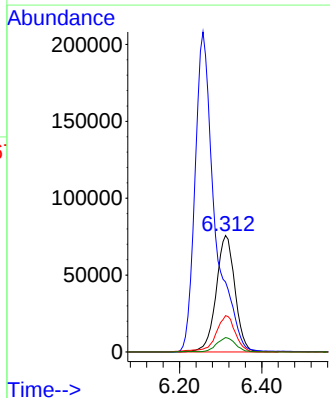
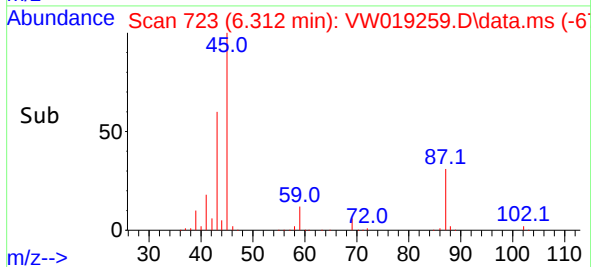


#22  
Diisopropyl ether  
Concen: 17.988 ug/l  
RT: 6.312 min Scan# 723  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



Tgt Ion: 45 Resp: 240895

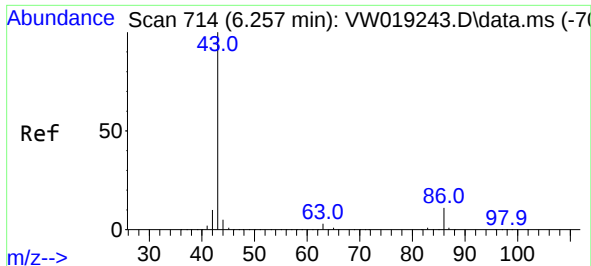
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 59.8  | 46.1  | 69.1  |
| 87  | 31.1  | 23.4  | 35.2  |
| 59  | 12.4  | 9.7   | 14.5  |



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

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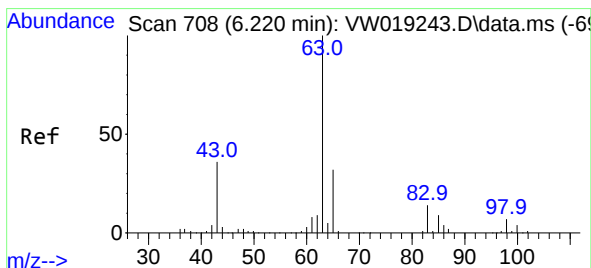
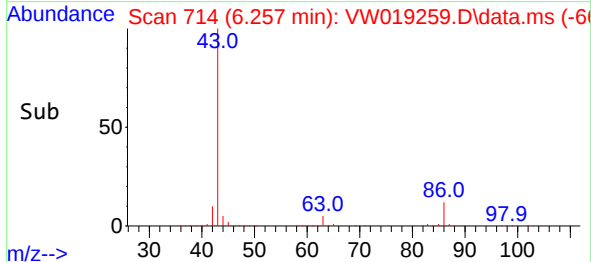
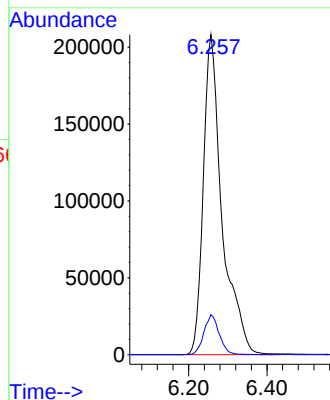
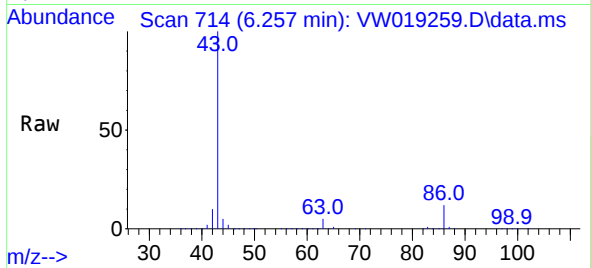
#23  
 Vinyl Acetate  
 Concen: 85.214 ug/l  
 RT: 6.257 min Scan# 714  
 Delta R.T. -0.000 min  
 Lab File: VW019259.D  
 Acq: 22 Jun 2021 11:22

Tgt Ion: 43 Resp: 692677  
 Ion Ratio Lower Upper  
 43 100  
 86 12.5 9.6 14.4

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0622SBS01

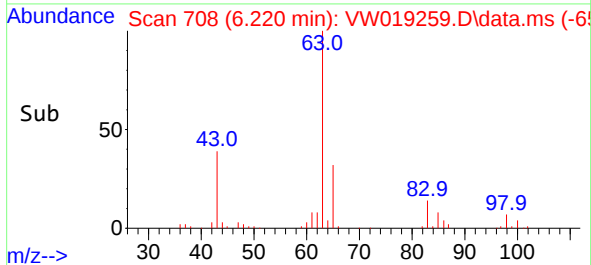
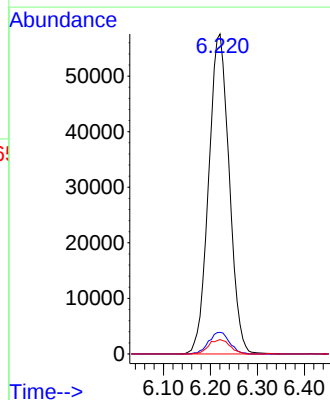
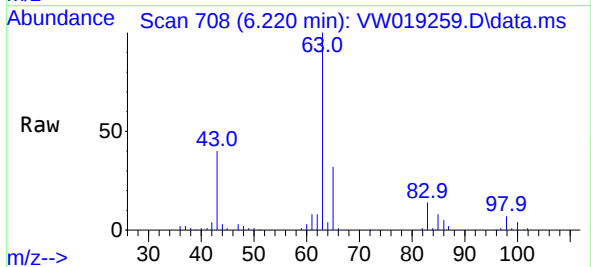
Manual Integrations  
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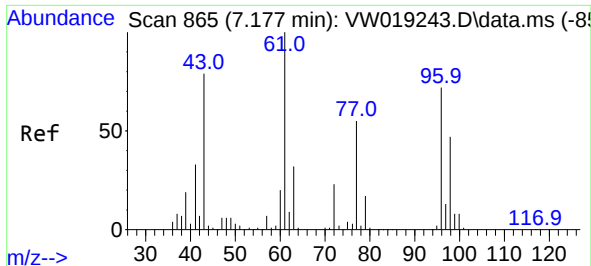
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#24  
 1,1-Dichloroethane  
 Concen: 18.513 ug/l  
 RT: 6.220 min Scan# 708  
 Delta R.T. 0.000 min  
 Lab File: VW019259.D  
 Acq: 22 Jun 2021 11:22

Tgt Ion: 63 Resp: 174748  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.6 10.9  
 100 4.5 2.3 6.8





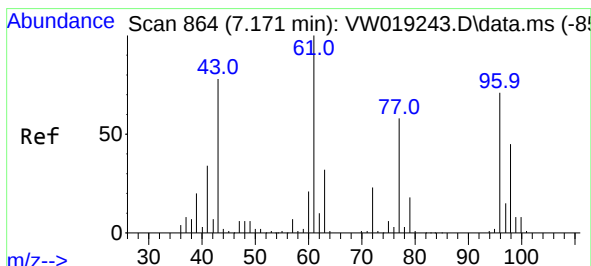
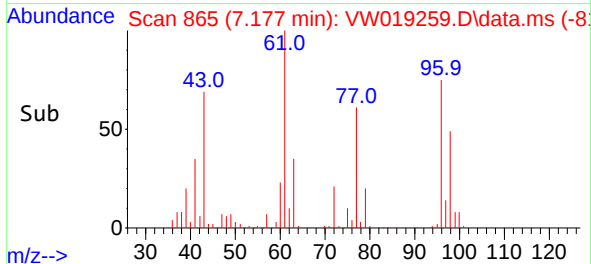
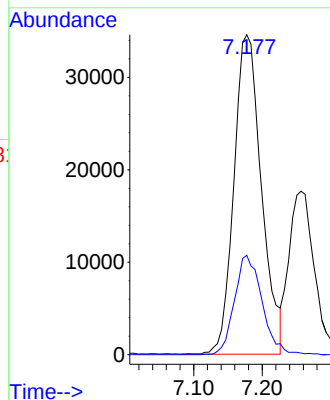
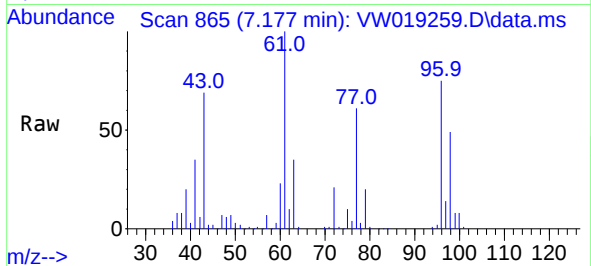
#25  
2-Butanone  
Concen: 79.105 ug/l  
RT: 7.177 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 43 Resp: 96532  
Ion Ratio Lower Upper  
43 100  
72 31.1 24.0 36.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

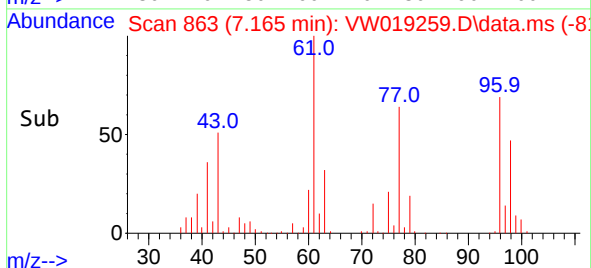
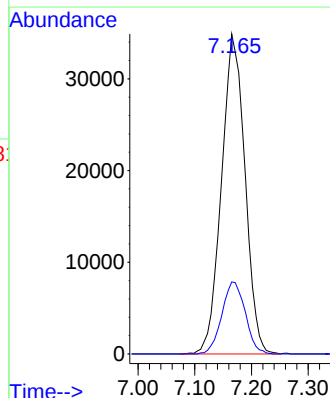
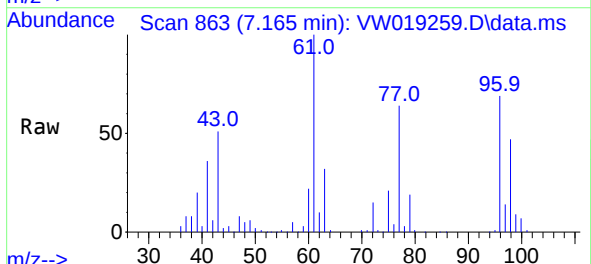
Manual Integrations  
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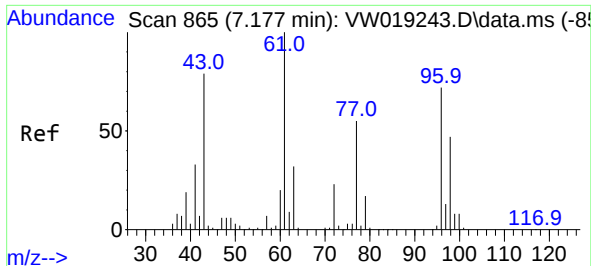
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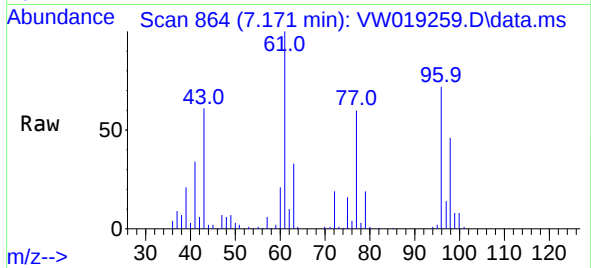
#26  
2,2-Dichloropropane  
Concen: 19.394 ug/l  
RT: 7.165 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 77 Resp: 100280  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.8 35.3

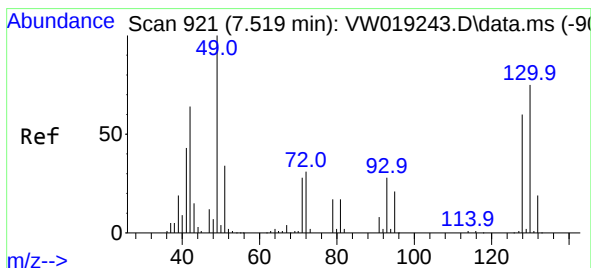
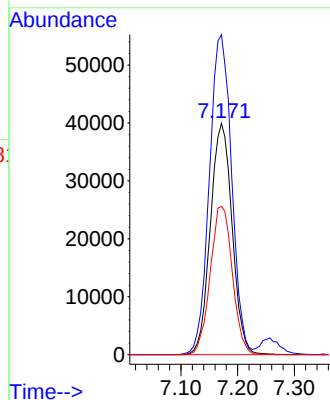
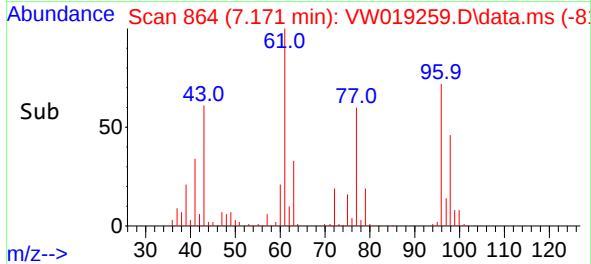




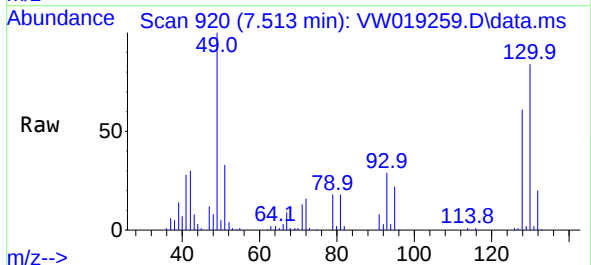
#27  
cis-1,2-Dichloroethene  
Concen: 19.197 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



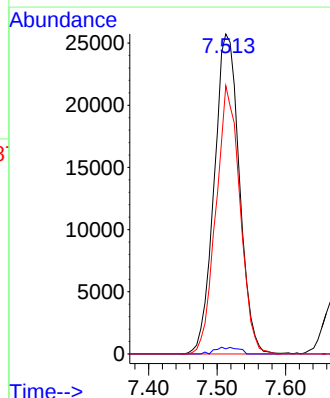
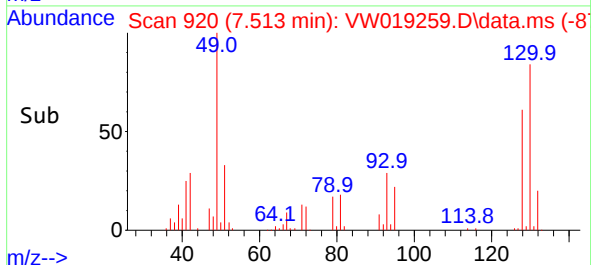
Tgt Ion: 96 Resp: 106493  
Ion Ratio Lower Upper  
96 100  
61 141.4 0.0 281.2  
98 65.1 0.0 127.4



#28  
Bromochloromethane  
Concen: 17.533 ug/l  
RT: 7.513 min Scan# 920  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



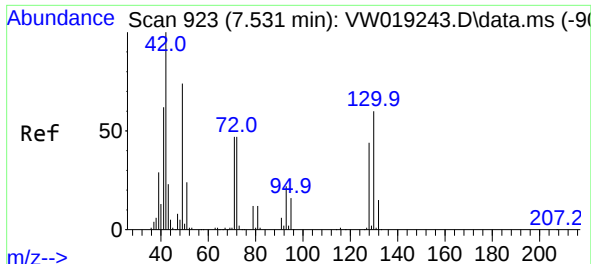
Tgt Ion: 49 Resp: 65509  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 4.4  
130 79.9 63.0 94.4



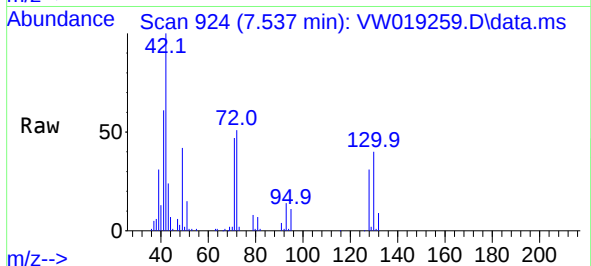
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

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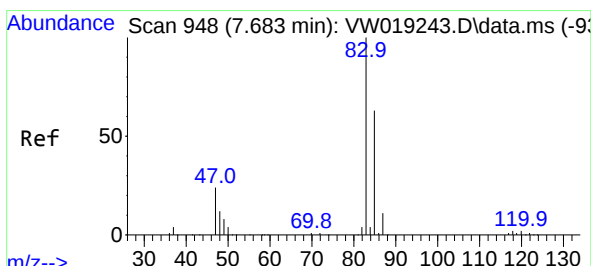
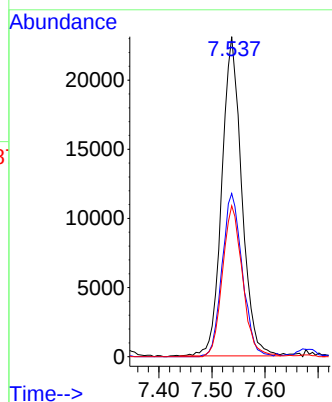
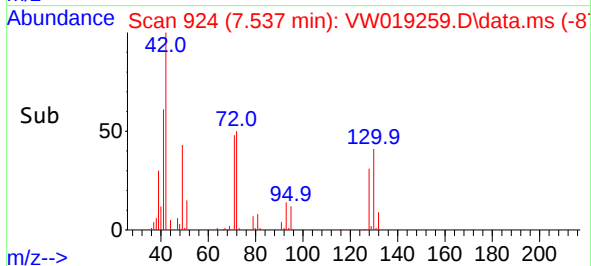
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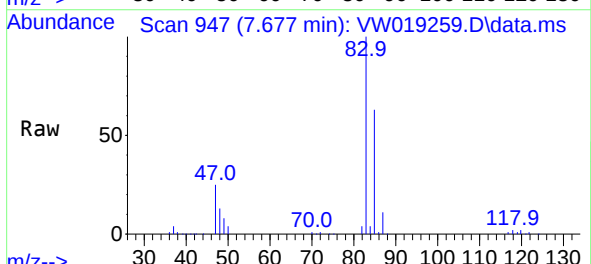
#29  
Tetrahydrofuran  
Concen: 79.605 ug/l  
RT: 7.537 min Scan# 924  
Delta R.T. 0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



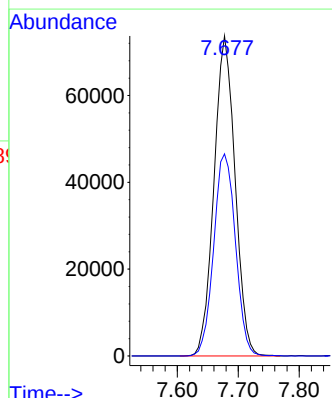
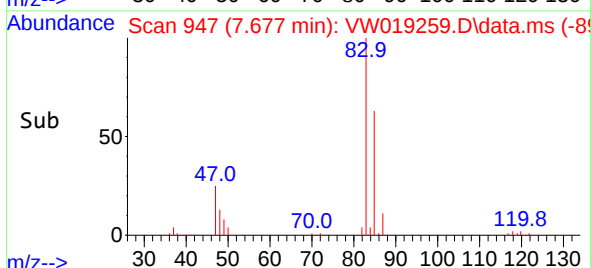
Tgt Ion: 42 Resp: 60167  
Ion Ratio Lower Upper  
42 100  
72 52.0 40.1 60.1  
71 47.7 38.3 57.5



#30  
Chloroform  
Concen: 18.718 ug/l  
RT: 7.677 min Scan# 947  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



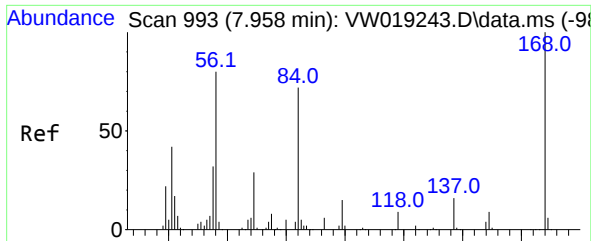
Tgt Ion: 83 Resp: 177207  
Ion Ratio Lower Upper  
83 100  
85 63.1 53.4 80.0



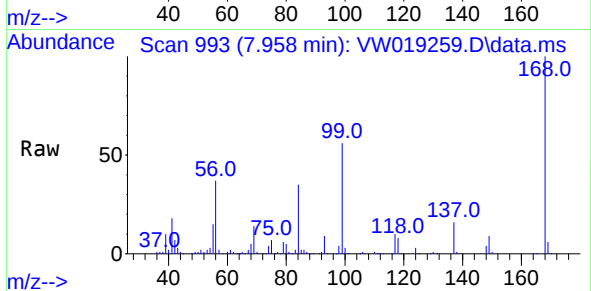
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

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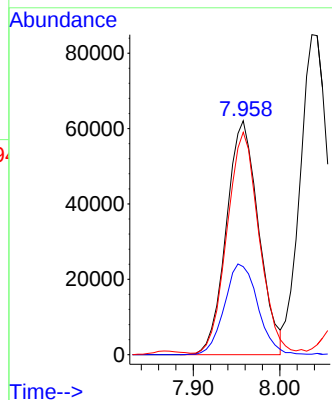
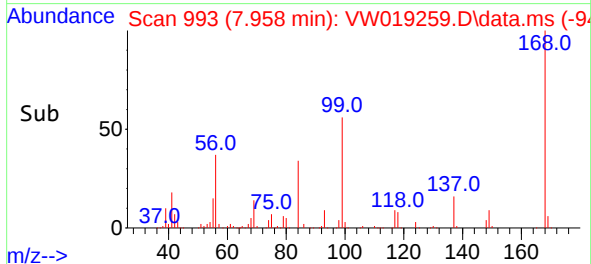
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#31  
Cyclohexane  
Concen: 18.342 ug/l  
RT: 7.958 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



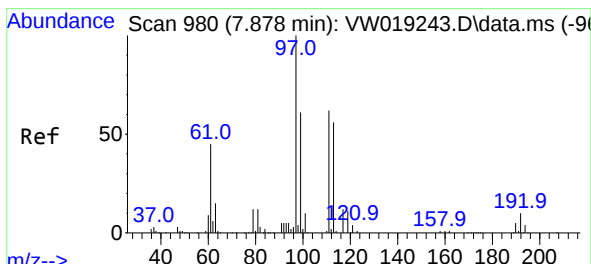
Tgt Ion: 56 Resp: 160780  
Ion Ratio Lower Upper  
56 100  
69 37.6 28.4 42.6  
84 94.1 72.3 108.5



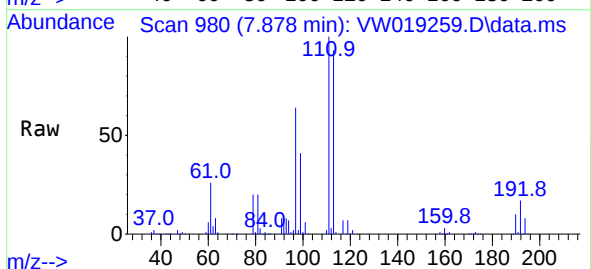
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

Manual Integrations  
APPROVED

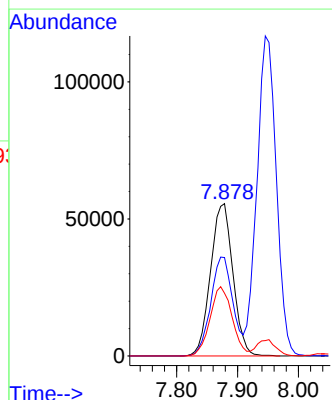
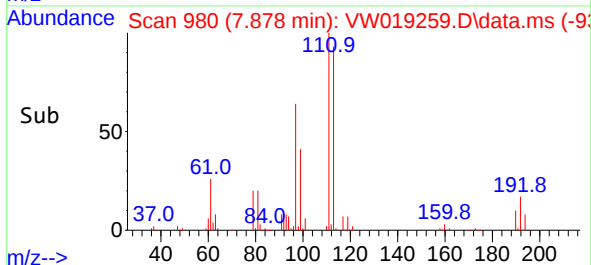
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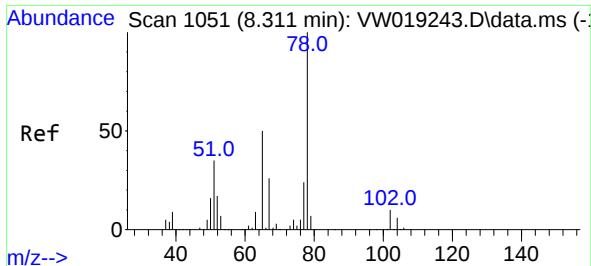


#32  
1,1,1-Trichloroethane  
Concen: 19.883 ug/l  
RT: 7.878 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



Tgt Ion: 97 Resp: 141760  
Ion Ratio Lower Upper  
97 100  
99 64.4 52.2 78.4  
61 44.8 36.7 55.1





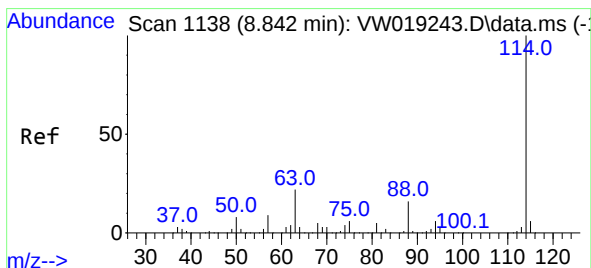
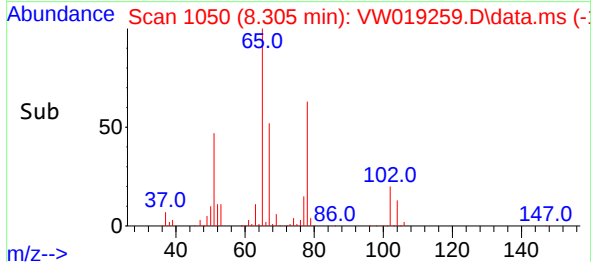
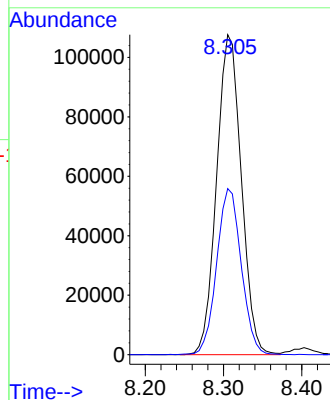
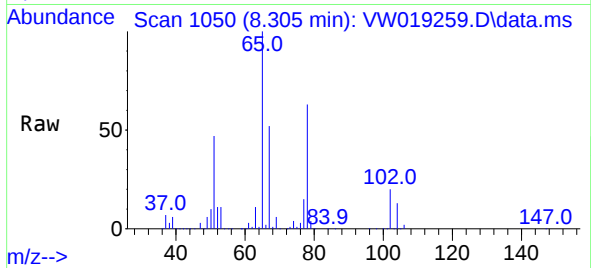
#33  
1,2-Dichloroethane-d4  
Concen: 45.839 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 65 Resp: 236314  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 104.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

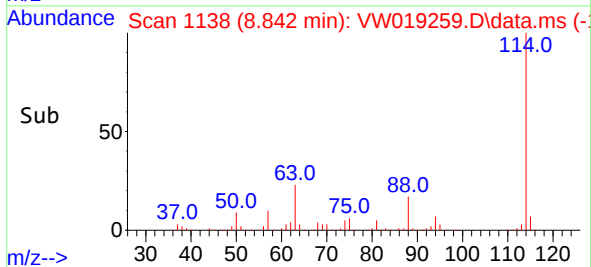
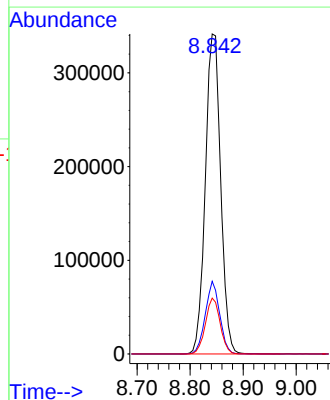
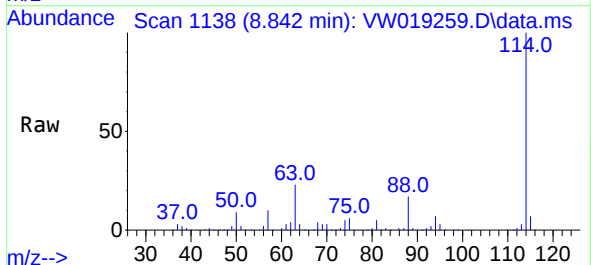
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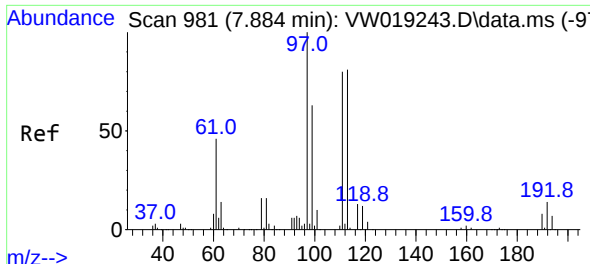
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#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

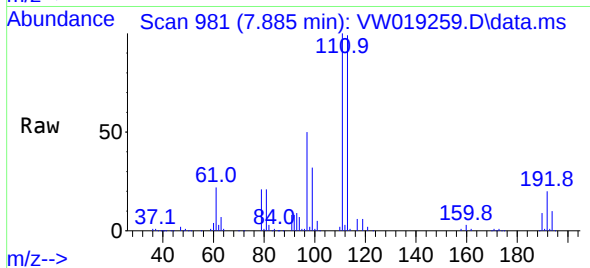
Tgt Ion: 114 Resp: 684065  
Ion Ratio Lower Upper  
114 100  
63 22.7 0.0 42.4  
88 17.5 0.0 33.2





#35  
Dibromofluoromethane  
Concen: 49.902 ug/l  
RT: 7.885 min Scan# 981  
Delta R.T. 0.001 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

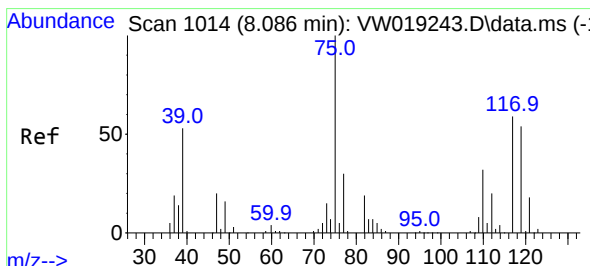
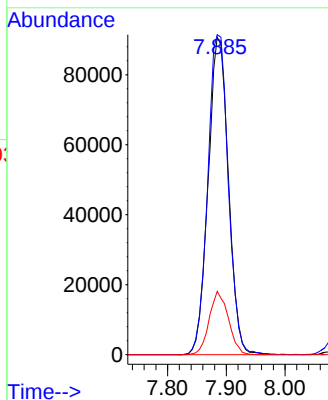
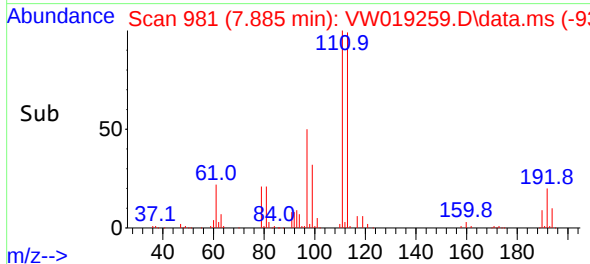
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



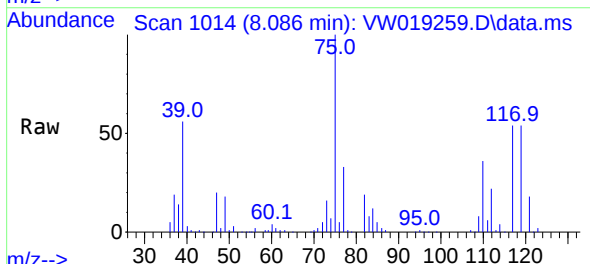
Tgt Ion:113 Resp: 217429  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.3 123.5  
192 18.9 15.3 22.9

Manual Integrations  
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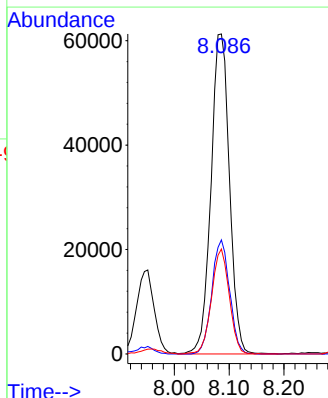
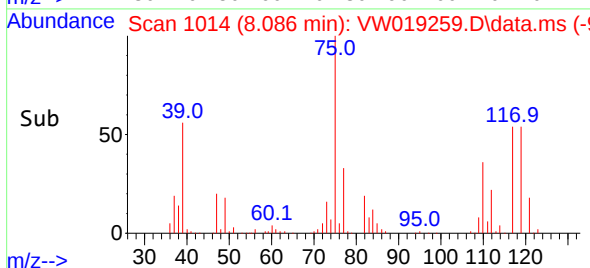
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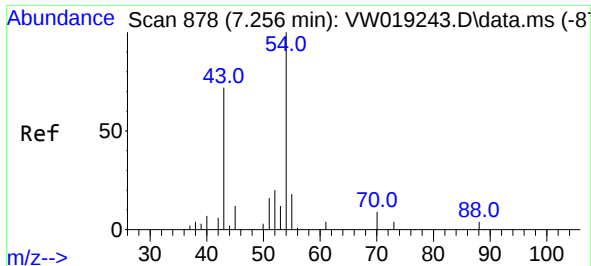


#36  
1,1-Dichloropropene  
Concen: 19.801 ug/l  
RT: 8.086 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



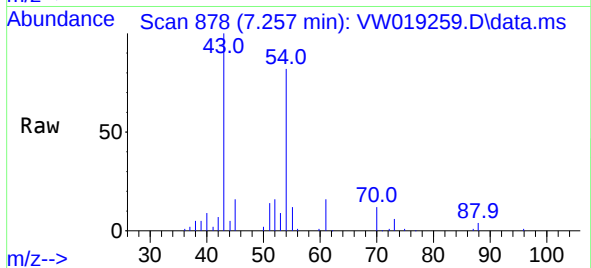
Tgt Ion: 75 Resp: 143349  
Ion Ratio Lower Upper  
75 100  
110 34.3 17.1 51.2  
77 31.4 25.3 37.9





#37  
Ethyl Acetate  
Concen: 17.067 ug/l  
RT: 7.257 min Scan# 878  
Delta R.T. 0.001 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

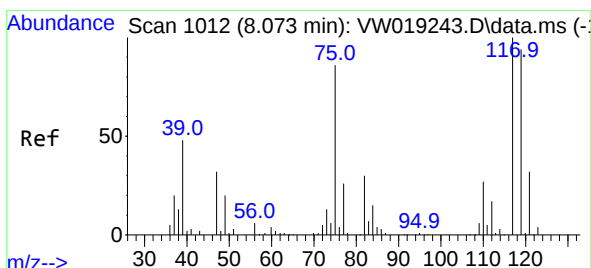
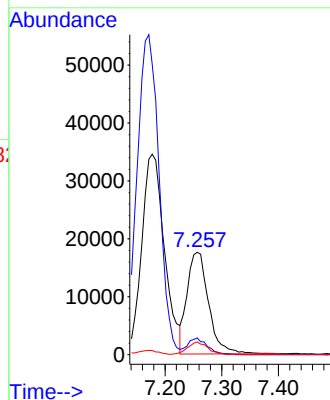
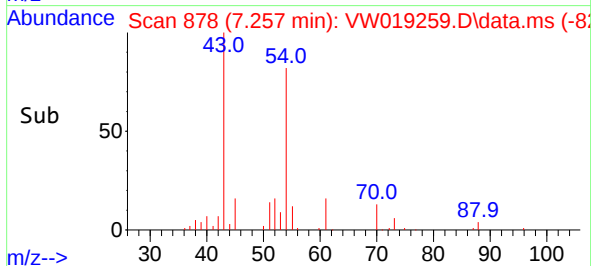
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



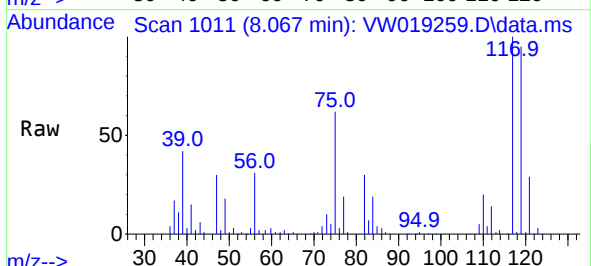
Tgt Ion: 43 Resp: 46191  
Ion Ratio Lower Upper  
43 100  
61 15.2 12.2 18.4  
70 11.7 9.5 14.3

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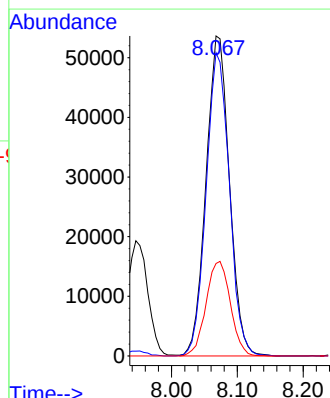
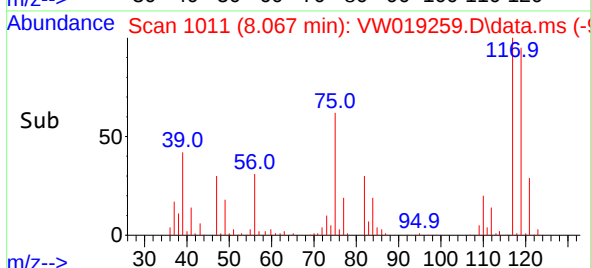
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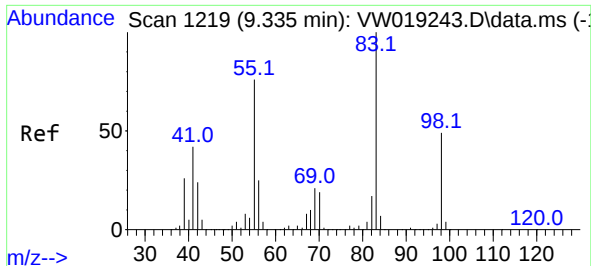


#38  
Carbon Tetrachloride  
Concen: 21.017 ug/l  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



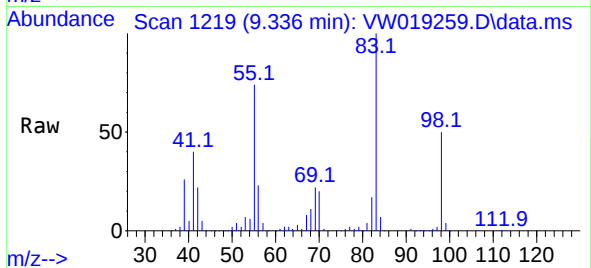
Tgt Ion: 117 Resp: 133013  
Ion Ratio Lower Upper  
117 100  
119 94.8 77.4 116.0  
121 28.9 23.6 35.4





#39  
Methylcyclohexane  
Concen: 20.461 ug/l  
RT: 9.336 min Scan# 1219  
Delta R.T. 0.001 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

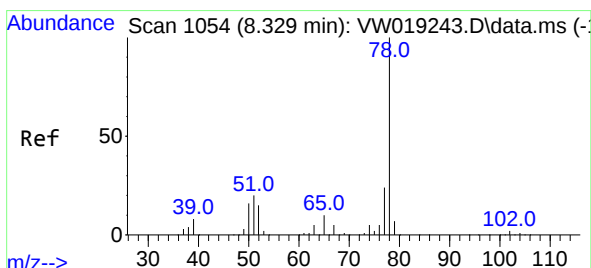
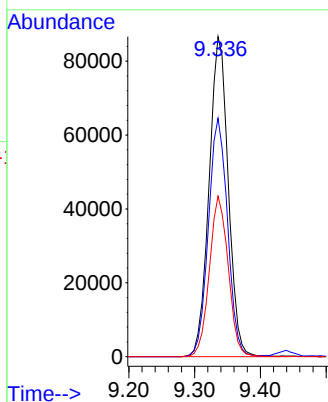
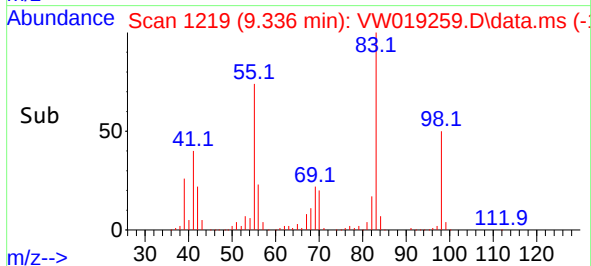
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



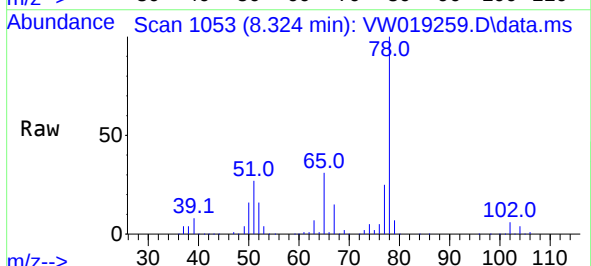
Tgt Ion: 83 Resp: 175694  
Ion Ratio Lower Upper  
83 100  
55 74.5 60.9 91.3  
98 50.2 38.4 57.6

Manual Integrations  
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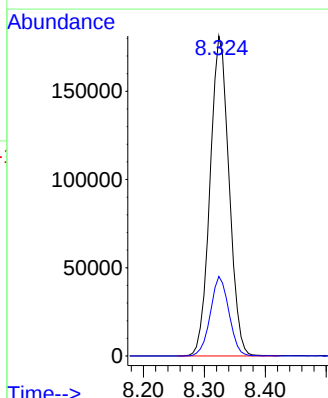
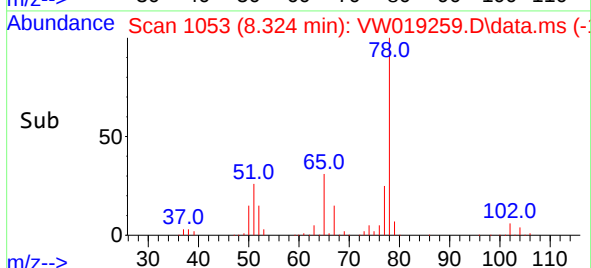
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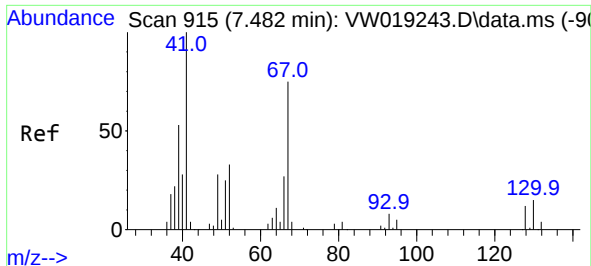


#40  
Benzene  
Concen: 19.784 ug/l  
RT: 8.324 min Scan# 1053  
Delta R.T. -0.005 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

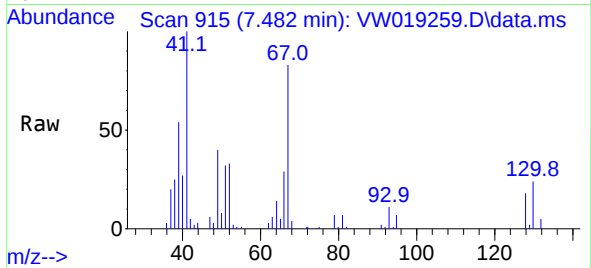


Tgt Ion: 78 Resp: 392379  
Ion Ratio Lower Upper  
78 100  
77 24.9 19.6 29.4

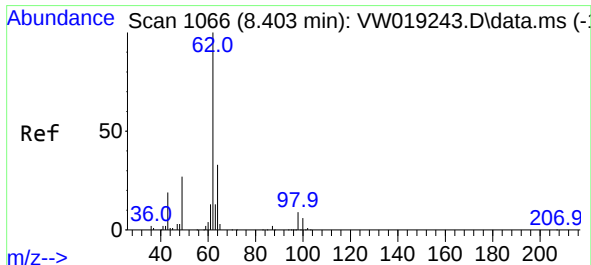
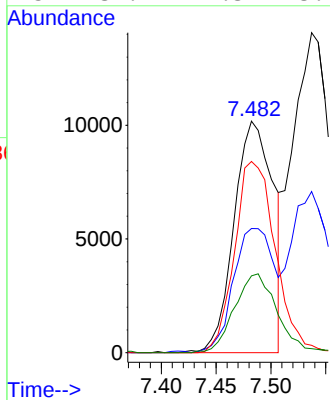
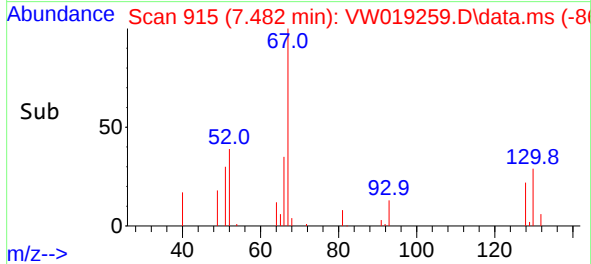




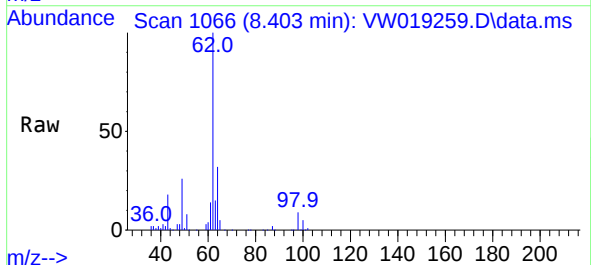
#41  
Methacrylonitrile  
Concen: 16.700 ug/l  
RT: 7.482 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



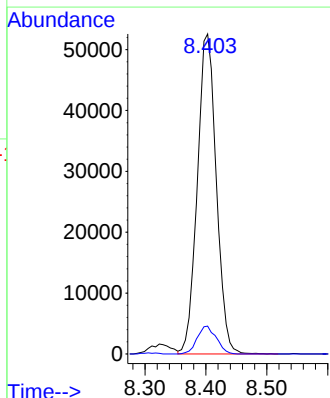
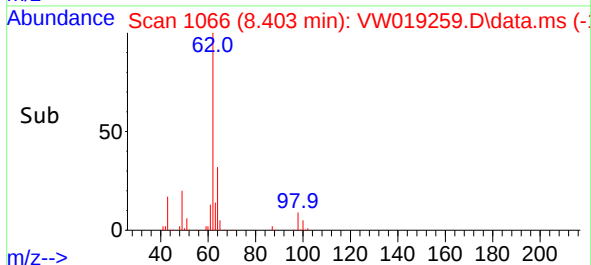
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 25290 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.2  | 50.1  | 75.1  |
| 67       | 86.0  | 69.0  | 103.4 |
| 52       | 37.2  | 29.3  | 43.9  |



#42  
1,2-Dichloroethane  
Concen: 19.305 ug/l  
RT: 8.403 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



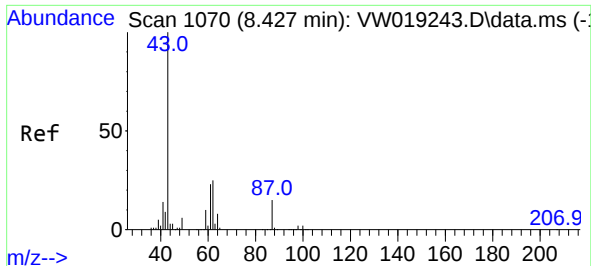
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 113763 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.8   | 0.0   | 18.0   |



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

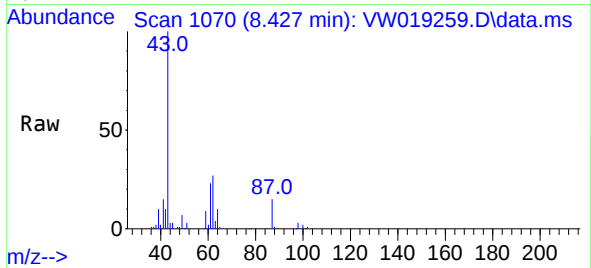
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#43  
Isopropyl Acetate  
Concen: 17.060 ug/l  
RT: 8.427 min Scan# 1070  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

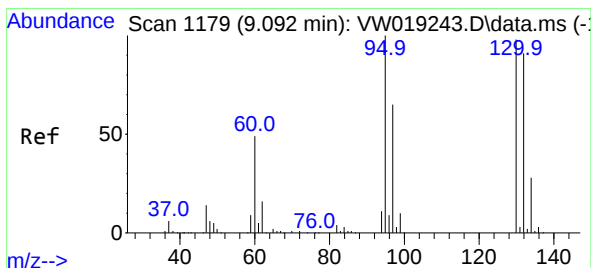
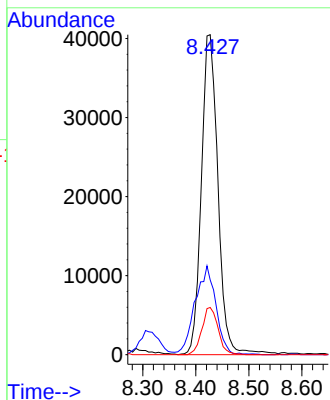
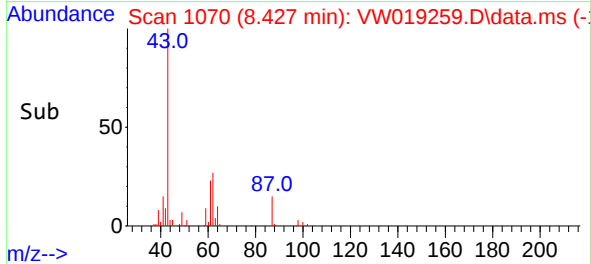
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



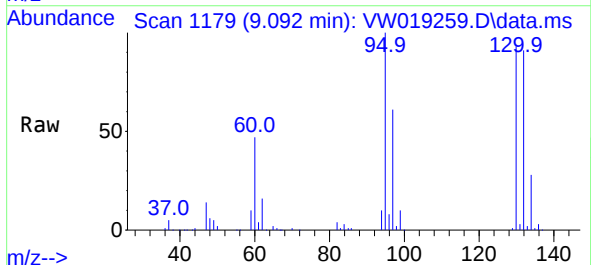
Tgt Ion: 43 Resp: 88119  
Ion Ratio Lower Upper  
43 100  
61 34.9 27.0 40.6  
87 14.4 11.6 17.4

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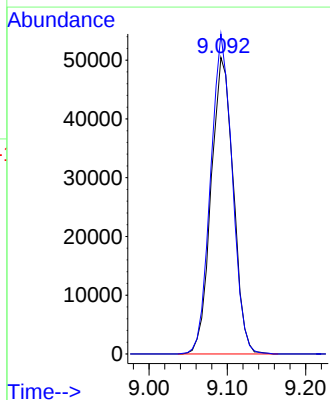
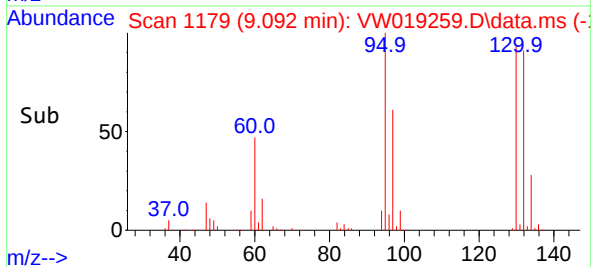
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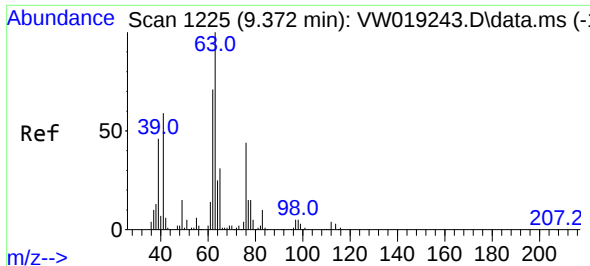


#44  
Trichloroethene  
Concen: 20.106 ug/l  
RT: 9.092 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

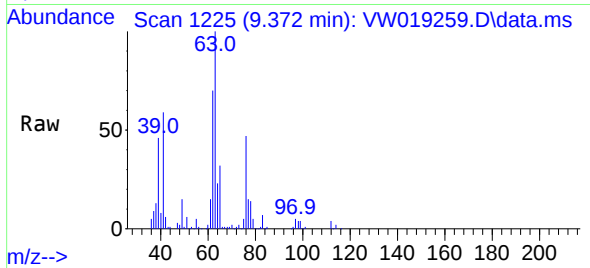


Tgt Ion: 130 Resp: 99245  
Ion Ratio Lower Upper  
130 100  
95 107.9 0.0 199.0

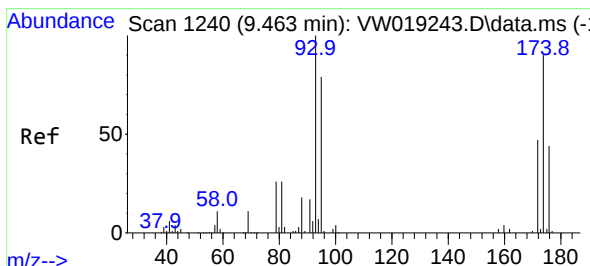
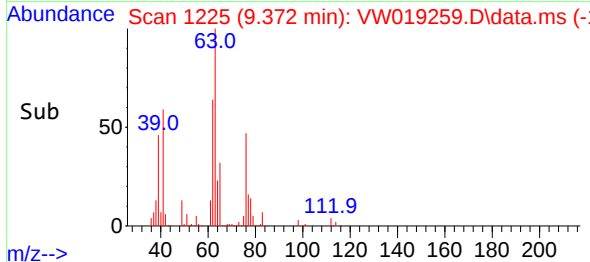
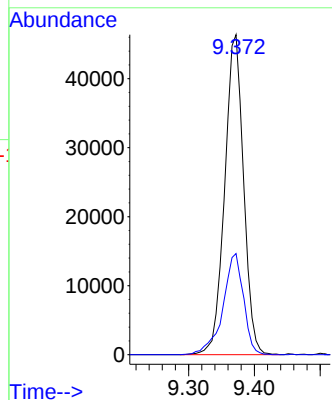




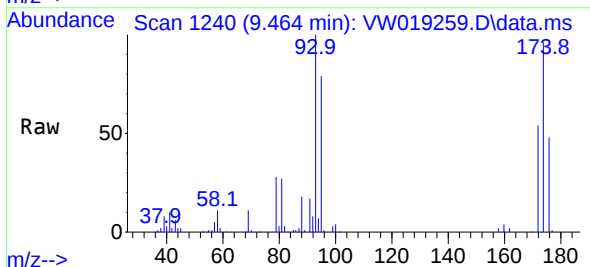
#45  
1,2-Dichloropropane  
Concen: 19.039 ug/l  
RT: 9.372 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



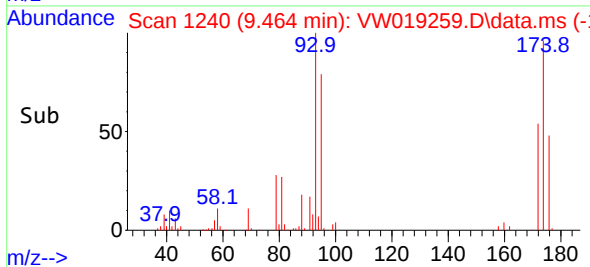
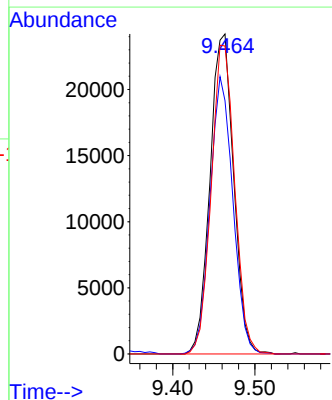
Tgt Ion: 63 Resp: 92676  
Ion Ratio Lower Upper  
63 100  
65 31.6 24.1 36.1



#46  
Dibromomethane  
Concen: 18.962 ug/l  
RT: 9.464 min Scan# 1240  
Delta R.T. 0.001 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



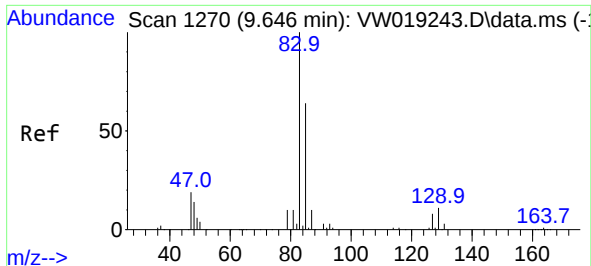
Tgt Ion: 93 Resp: 48484  
Ion Ratio Lower Upper  
93 100  
95 83.7 66.7 100.1  
174 95.5 75.3 112.9



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

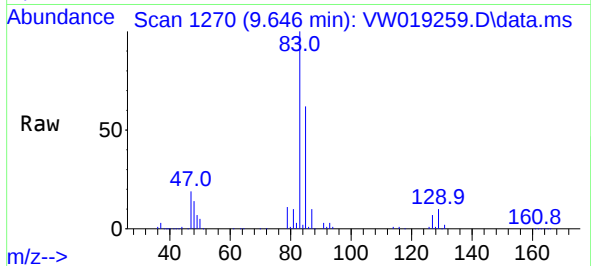
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#47  
Bromodichloromethane  
Concen: 19.393 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

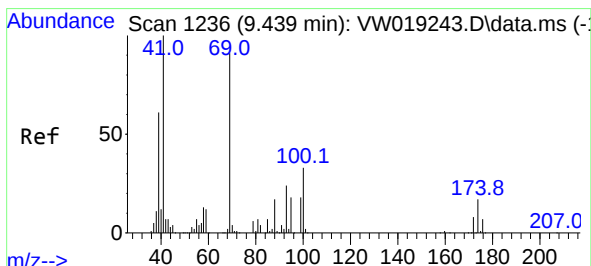
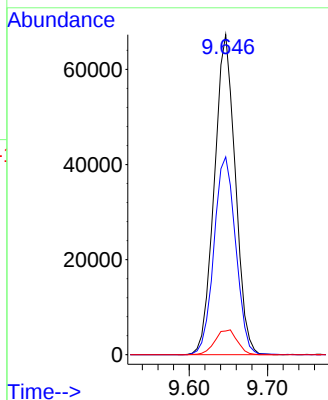
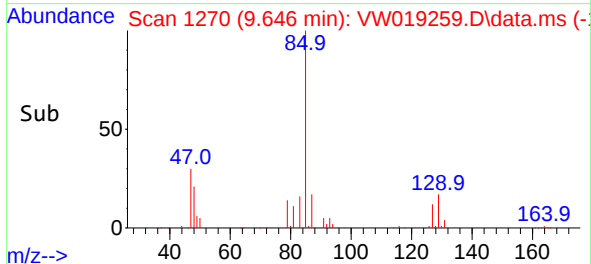
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



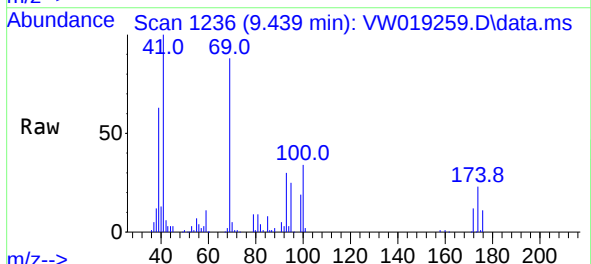
Tgt Ion: 83 Resp: 125347  
Ion Ratio Lower Upper  
83 100  
85 61.8 53.4 80.2  
127 7.4 7.0 10.6

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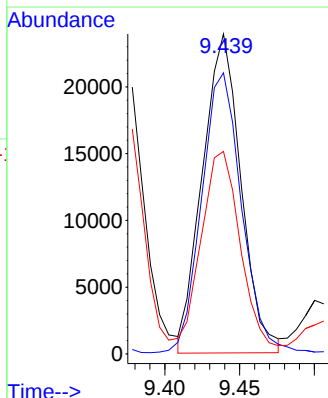
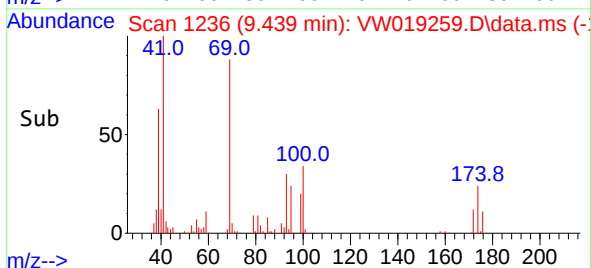
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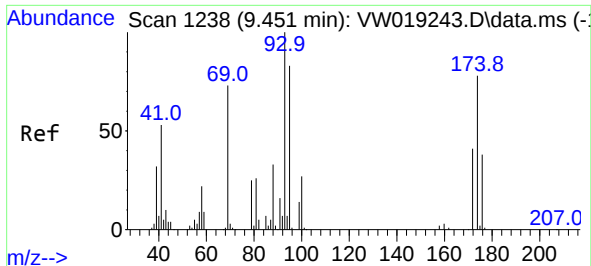


#48  
Methyl methacrylate  
Concen: 18.383 ug/l  
RT: 9.439 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

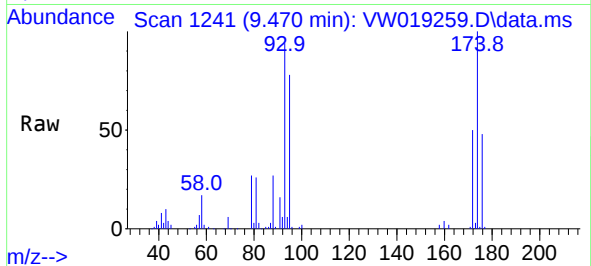


Tgt Ion: 41 Resp: 42737  
Ion Ratio Lower Upper  
41 100  
69 91.6 80.2 120.2  
39 59.9 51.5 77.3

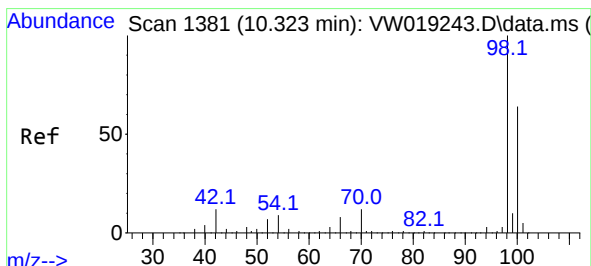
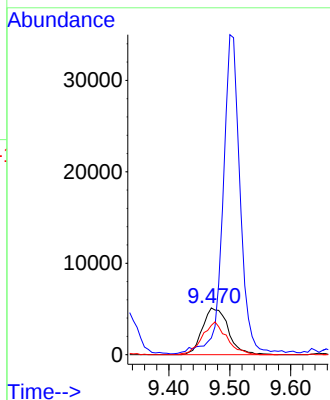
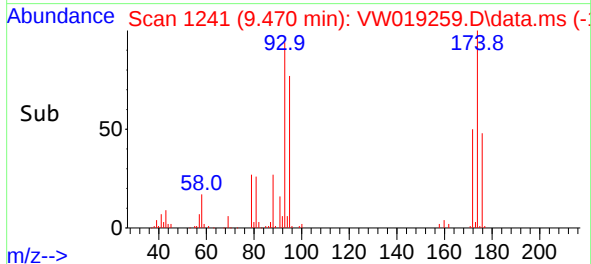




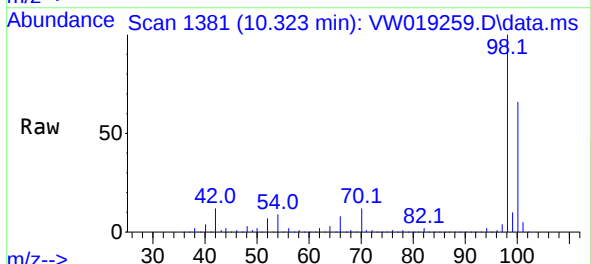
#49  
1,4-Dioxane  
Concen: 453.412 ug/l  
RT: 9.470 min Scan# 1241  
Delta R.T. 0.019 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



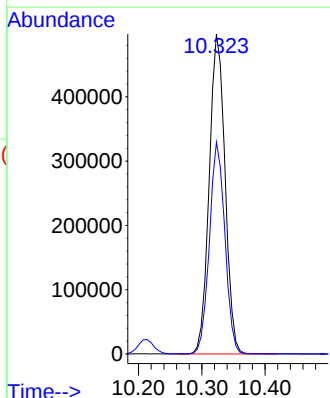
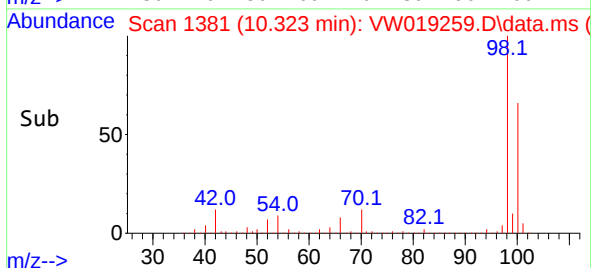
Tgt Ion: 88 Resp: 14963  
Ion Ratio Lower Upper  
88 100  
43 0.0 22.1 33.1#  
58 66.5 55.4 83.2



#50  
Toluene-d8  
Concen: 49.653 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



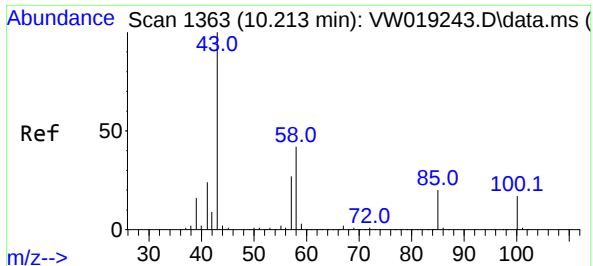
Tgt Ion: 98 Resp: 866056  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.0 78.0



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

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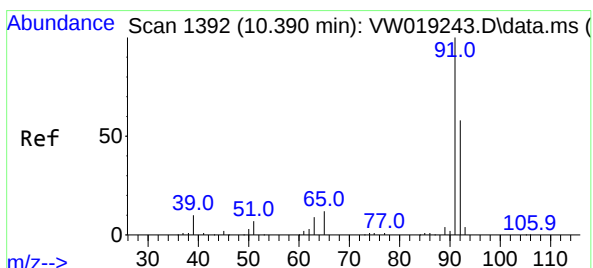
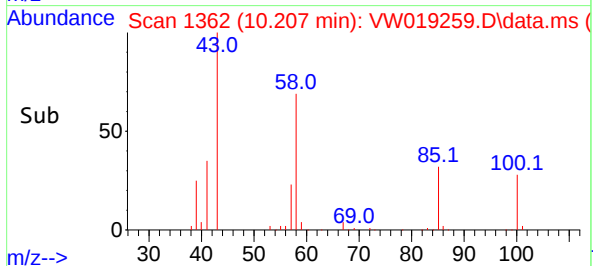
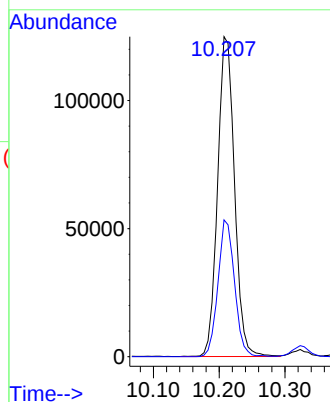
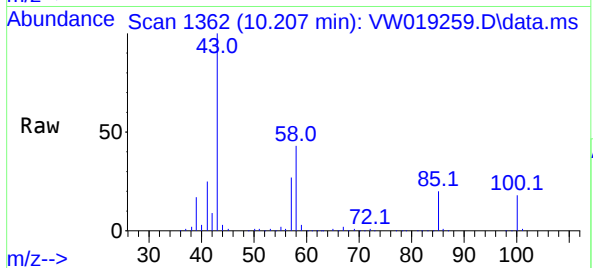
#51  
4-Methyl-2-Pentanone  
Concen: 85.216 ug/l  
RT: 10.207 min Scan# 1362  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0622SBS01

Tgt Ion: 43 Resp: 223003  
Ion Ratio Lower Upper  
43 100  
58 42.0 34.2 51.4

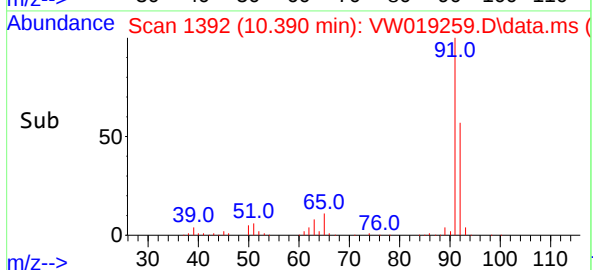
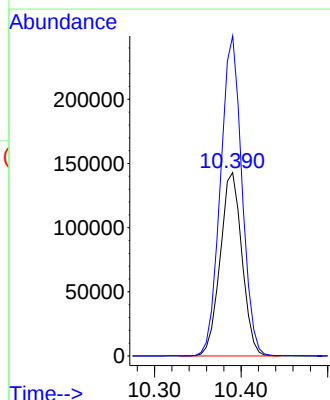
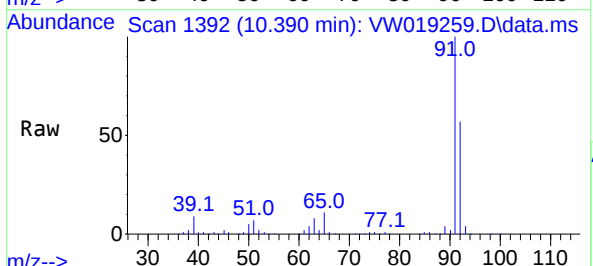
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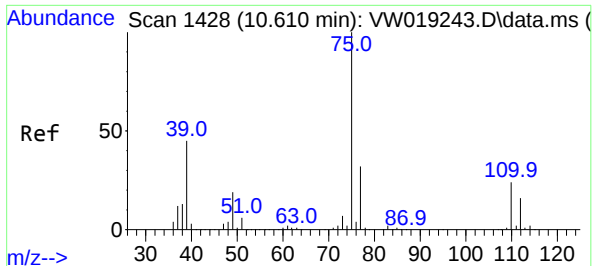
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#52  
Toluene  
Concen: 20.141 ug/l  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 92 Resp: 248576  
Ion Ratio Lower Upper  
92 100  
91 172.9 137.4 206.0





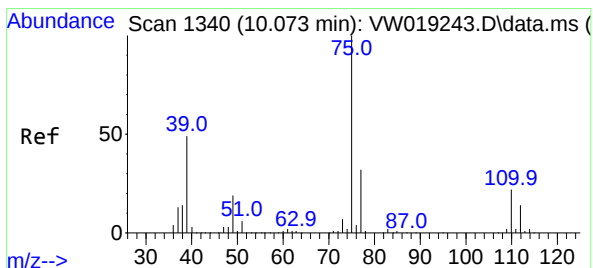
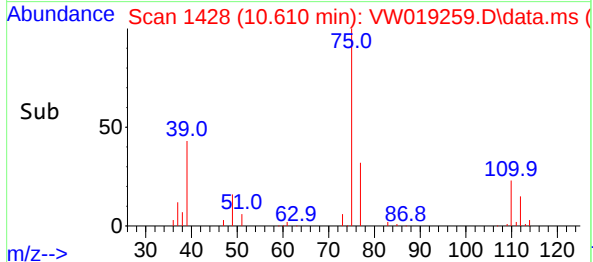
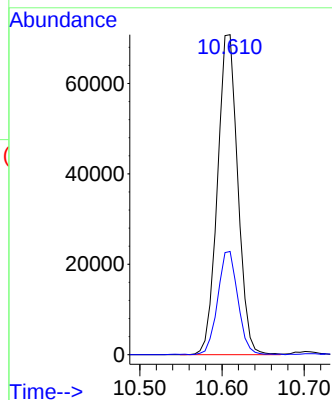
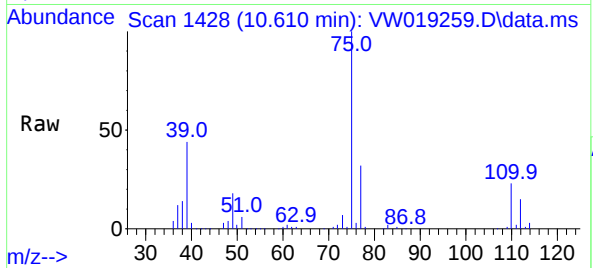
#53  
t-1,3-Dichloropropene  
Concen: 18.904 ug/l  
RT: 10.610 min Scan# 1428  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 75 Resp: 121804  
Ion Ratio Lower Upper  
75 100  
77 32.1 24.8 37.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

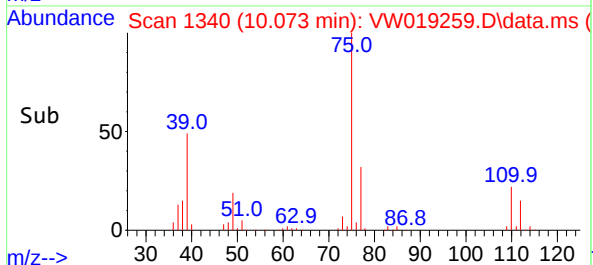
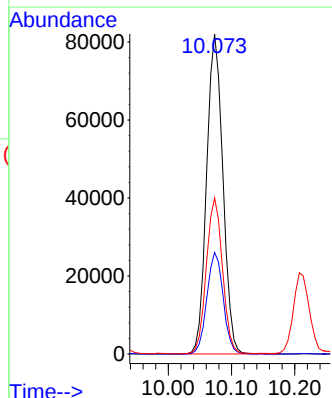
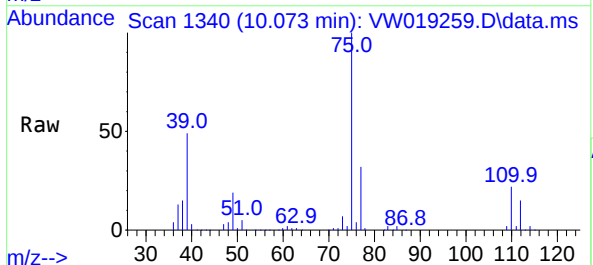
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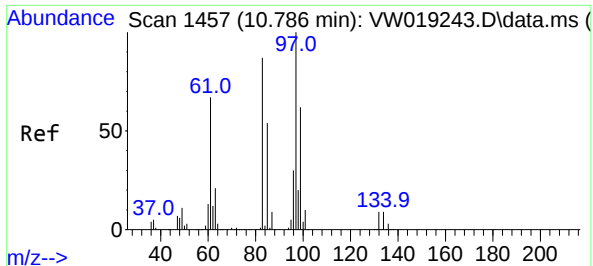
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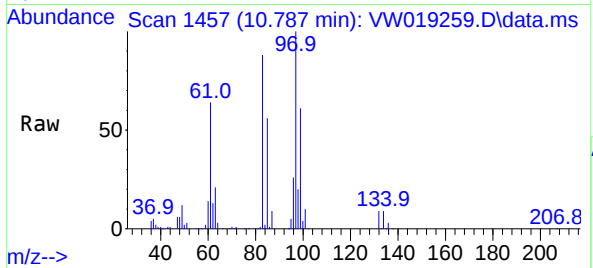
#54  
cis-1,3-Dichloropropene  
Concen: 19.531 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 75 Resp: 146706  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.0 37.6  
39 48.7 36.9 55.3



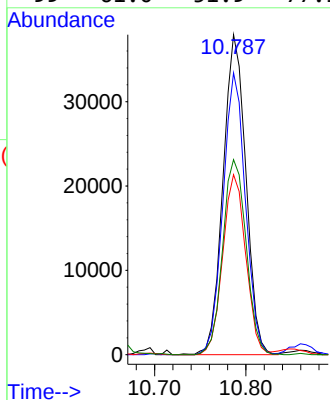


#55  
1,1,2-Trichloroethane  
Concen: 18.695 ug/l  
RT: 10.787 min Scan# 1457  
Delta R.T. 0.001 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



Tgt Ion: 97 Resp: 65870

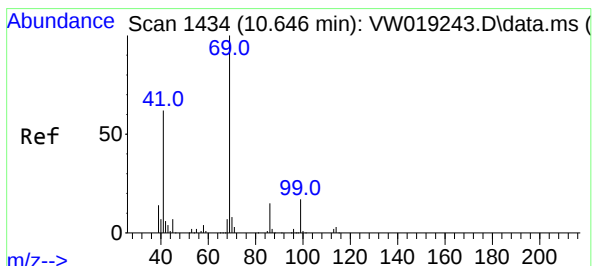
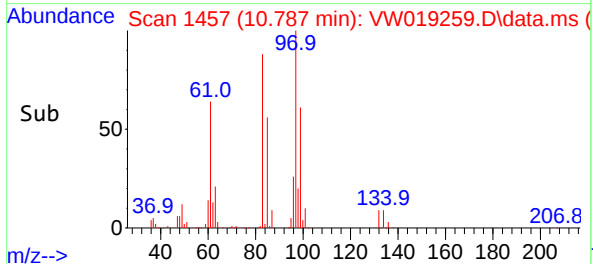
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.0  | 70.6  | 106.0 |
| 85  | 56.3  | 45.8  | 68.6  |
| 99  | 61.0  | 51.9  | 77.9  |



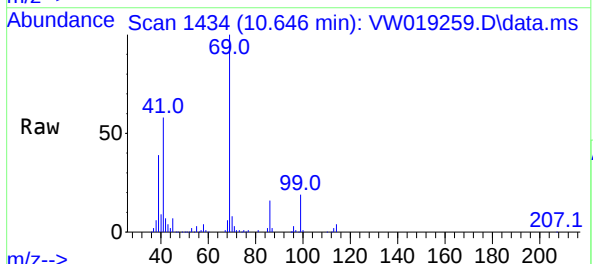
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

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6/23/2021 5:29:27 PM

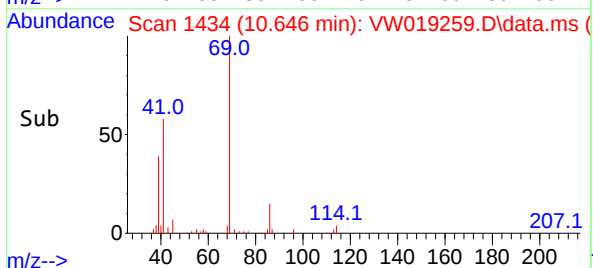
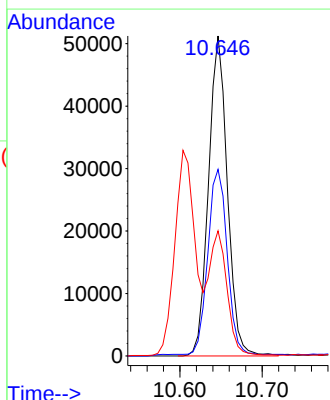


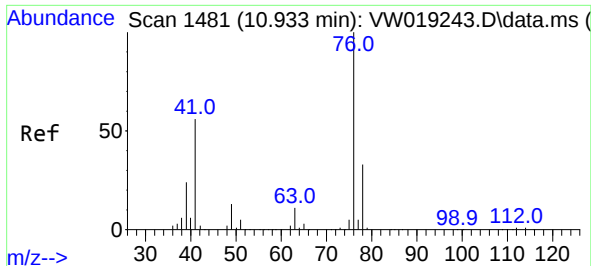
#56  
Ethyl methacrylate  
Concen: 18.300 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



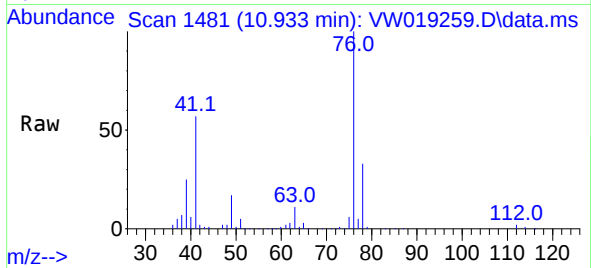
Tgt Ion: 69 Resp: 81664

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.5  | 48.7  | 73.1  |
| 39  | 37.0  | 29.0  | 43.4  |

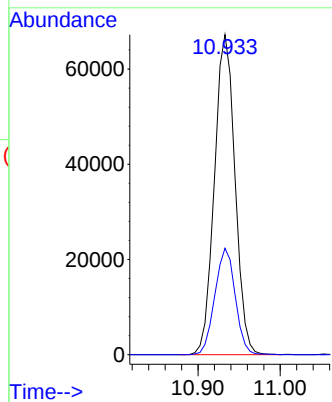
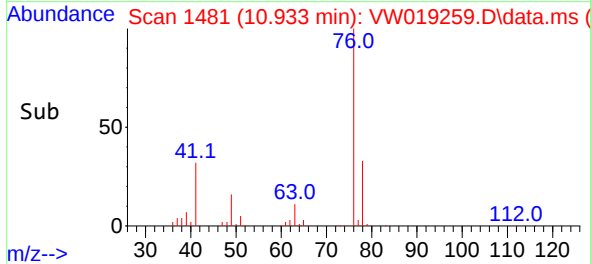




#57  
1,3-Dichloropropane  
Concen: 18.426 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



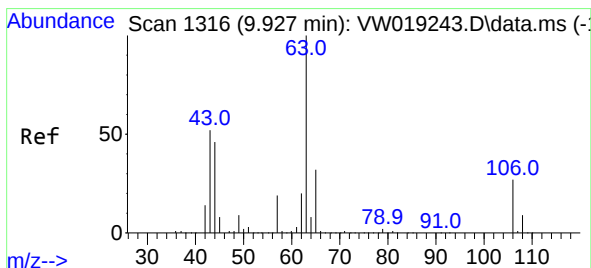
Tgt Ion: 76 Resp: 116920  
Ion Ratio Lower Upper  
76 100  
78 32.9 25.5 38.3



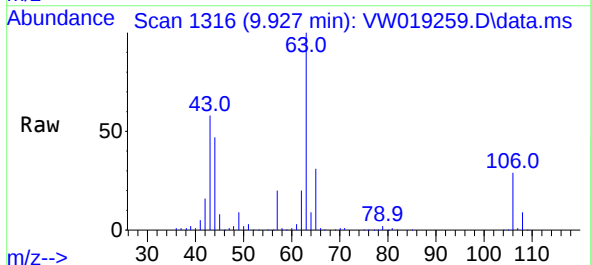
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

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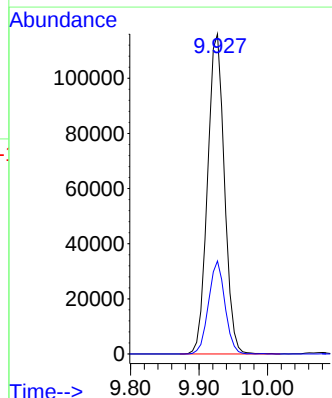
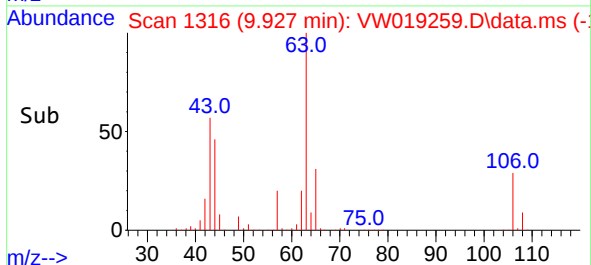
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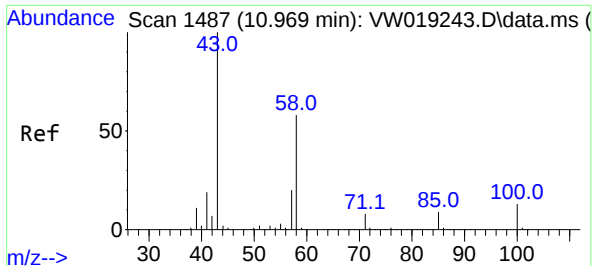


#58  
2-Chloroethyl Vinyl ether  
Concen: 94.789 ug/l  
RT: 9.927 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



Tgt Ion: 63 Resp: 198333  
Ion Ratio Lower Upper  
63 100  
106 28.3 22.3 33.5





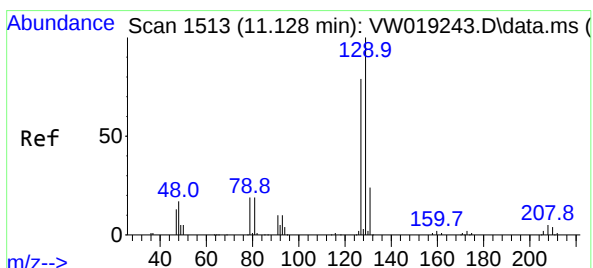
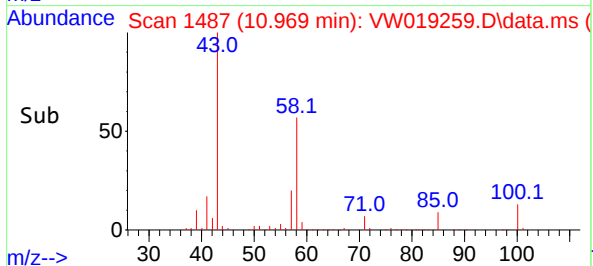
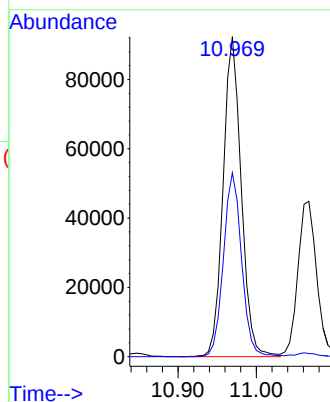
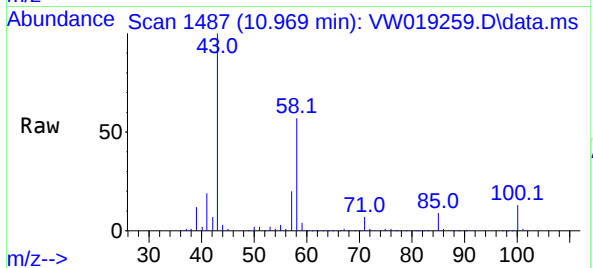
#59  
2-Hexanone  
Concen: 83.953 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 43 Resp: 148805  
Ion Ratio Lower Upper  
43 100  
58 57.4 29.0 87.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

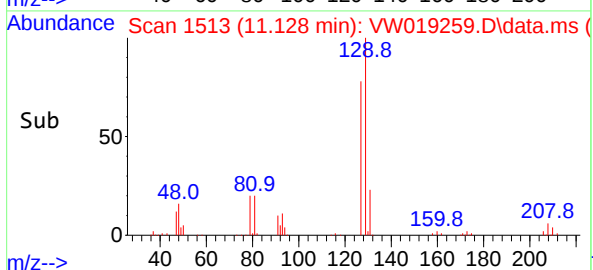
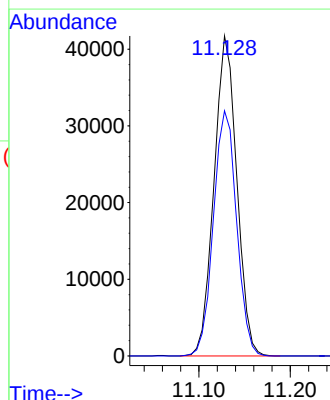
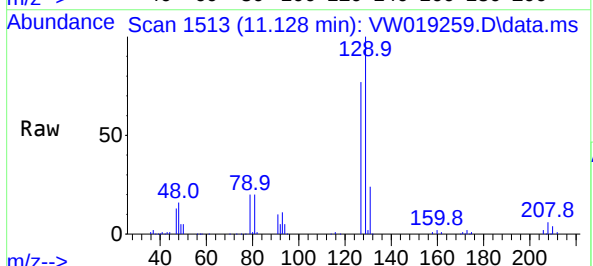
Manual Integrations  
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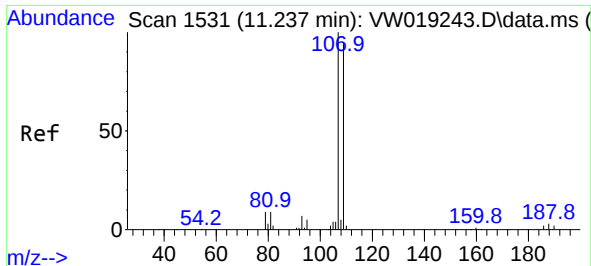
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#60  
Dibromochloromethane  
Concen: 18.930 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

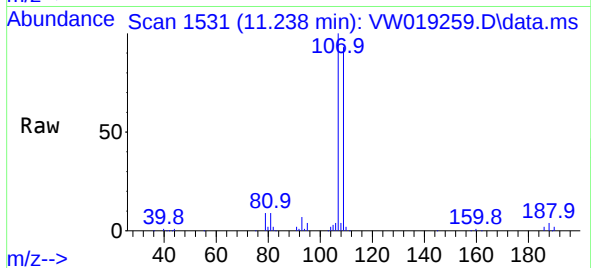
Tgt Ion:129 Resp: 72168  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.2 114.6





#61  
1,2-Dibromoethane  
Concen: 19.309 ug/l  
RT: 11.238 min Scan# 1531  
Delta R.T. 0.001 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

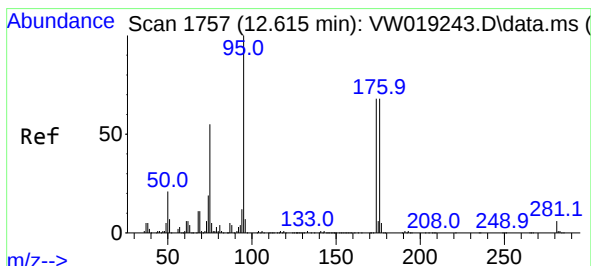
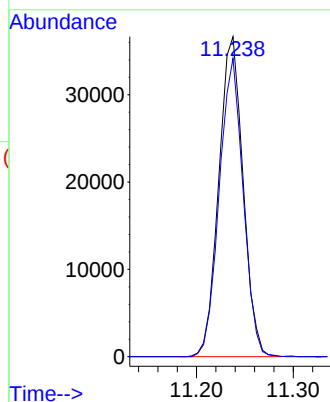
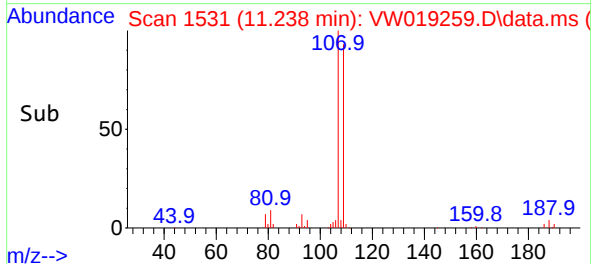
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



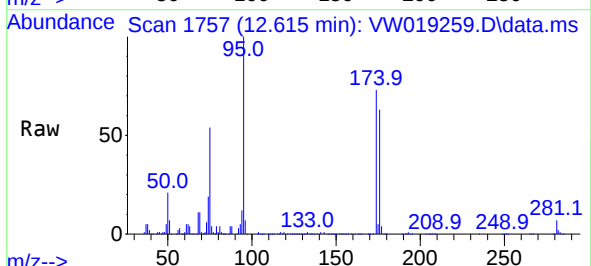
Tgt Ion:107 Resp: 63686  
Ion Ratio Lower Upper  
107 100  
109 91.6 73.9 110.9

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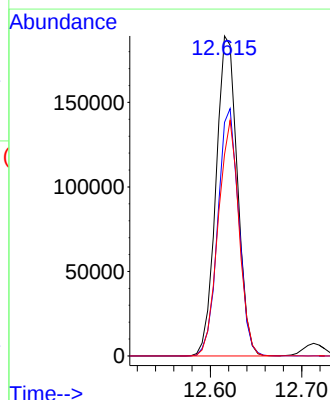
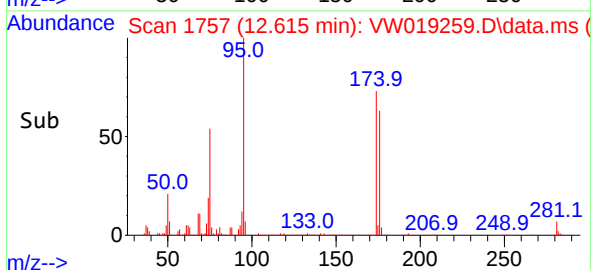
MMDadoda  
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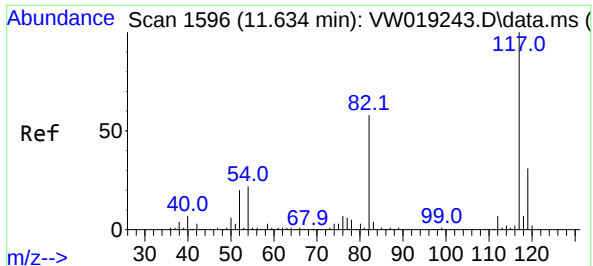


#62  
4-Bromofluorobenzene  
Concen: 50.451 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



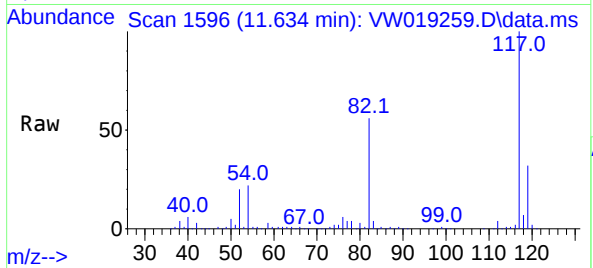
Tgt Ion: 95 Resp: 307765  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 156.2  
176 71.8 0.0 160.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

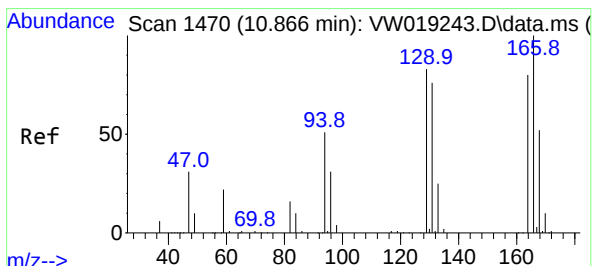
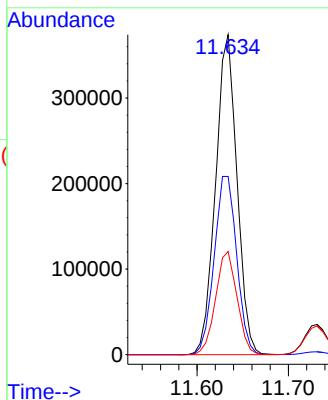
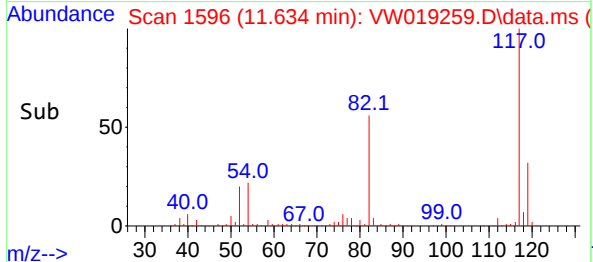
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



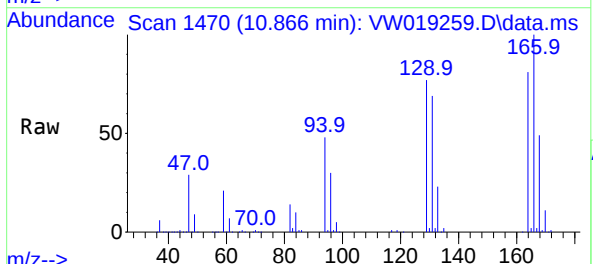
Tgt Ion:117 Resp: 609725  
Ion Ratio Lower Upper  
117 100  
82 55.7 44.4 66.6  
119 32.2 24.6 36.8

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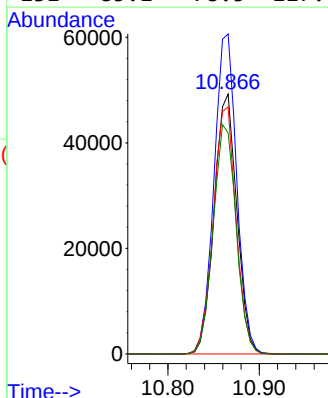
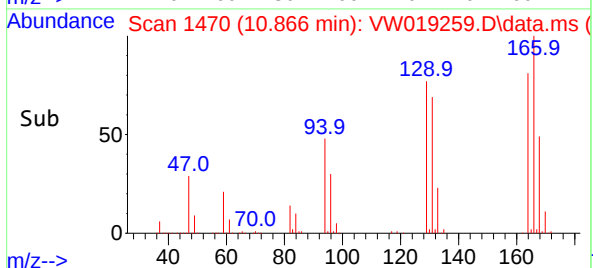
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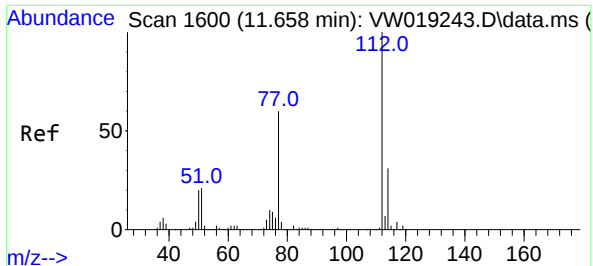


#64  
Tetrachloroethene  
Concen: 21.951 ug/l  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

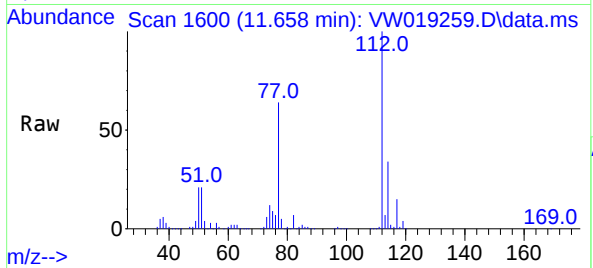


Tgt Ion:164 Resp: 85083  
Ion Ratio Lower Upper  
164 100  
166 123.1 107.8 161.8  
129 95.1 77.3 115.9  
131 85.1 78.5 117.7

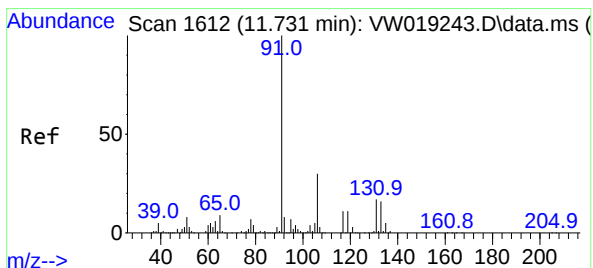
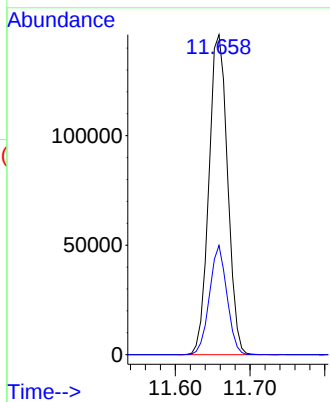
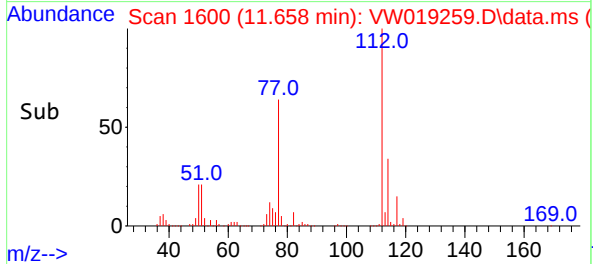




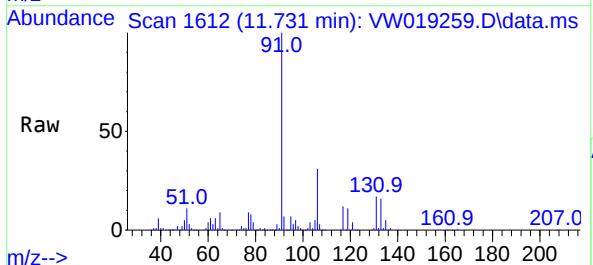
#65  
Chlorobenzene  
Concen: 20.451 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



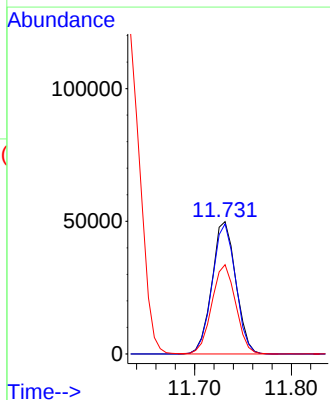
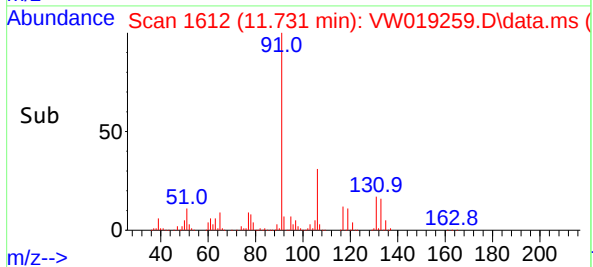
Tgt Ion:112 Resp: 253486  
Ion Ratio Lower Upper  
112 100  
114 34.2 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.181 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



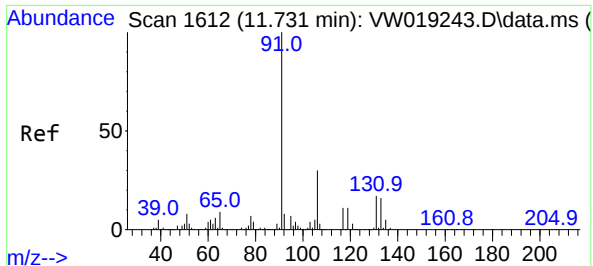
Tgt Ion:131 Resp: 85527  
Ion Ratio Lower Upper  
131 100  
133 96.4 48.1 144.3  
119 67.6 33.1 99.2



Instrument :  
MSVOA\_W  
ClientSampleId :  
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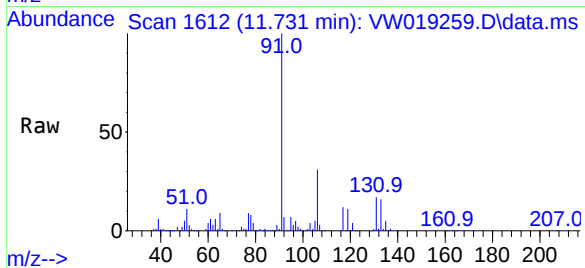
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#67  
Ethyl Benzene  
Concen: 20.669 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

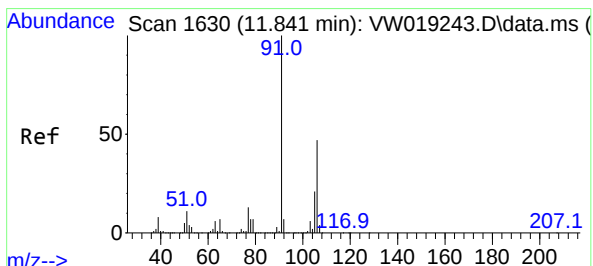
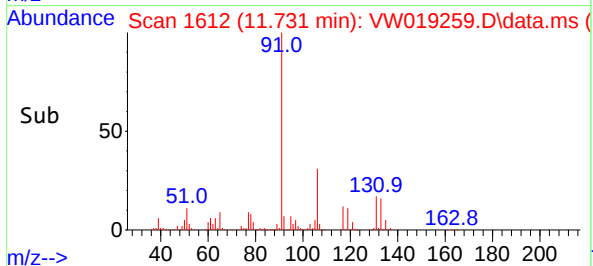
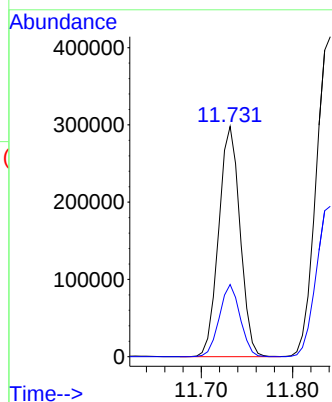
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



Tgt Ion: 91 Resp: 483659  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.0 36.0

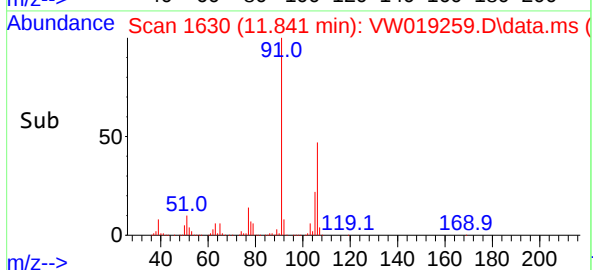
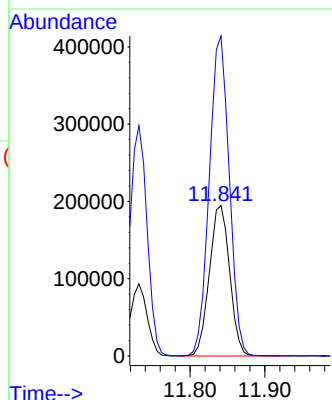
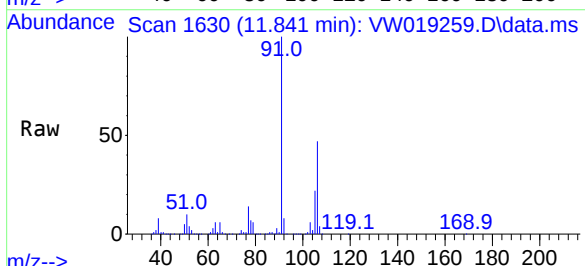
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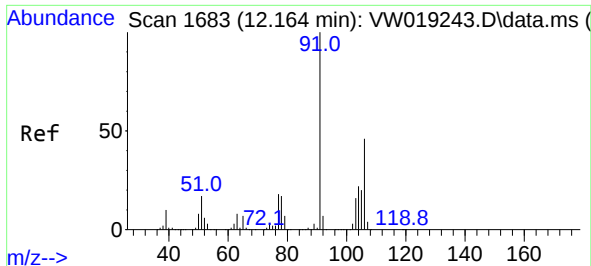
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#68  
m/p-Xylenes  
Concen: 41.924 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 106 Resp: 366248  
Ion Ratio Lower Upper  
106 100  
91 210.2 164.2 246.2





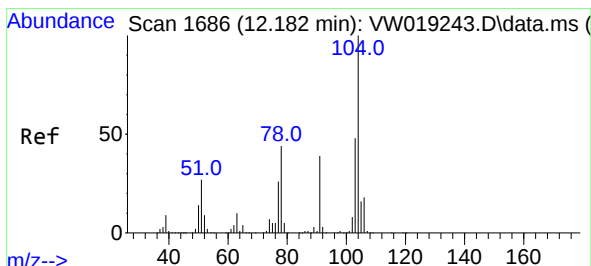
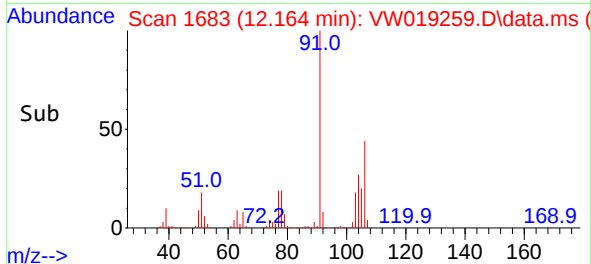
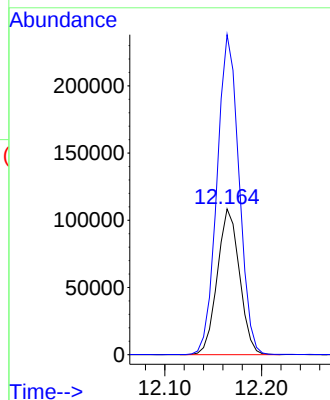
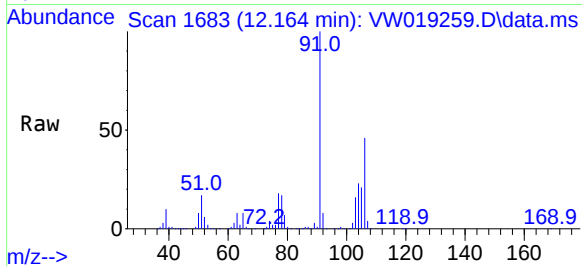
#69  
o-Xylene  
Concen: 21.070 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion:106 Resp: 172518  
Ion Ratio Lower Upper  
106 100  
91 218.6 109.1 327.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

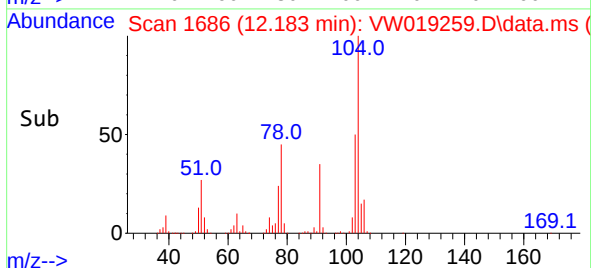
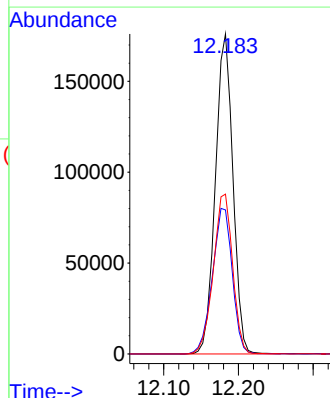
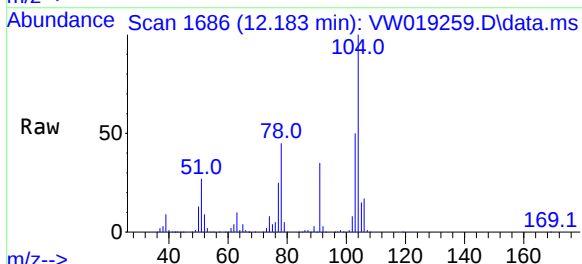
Manual Integrations  
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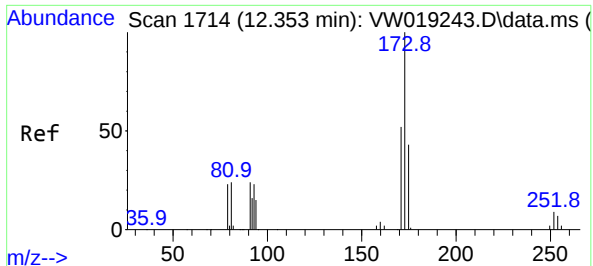
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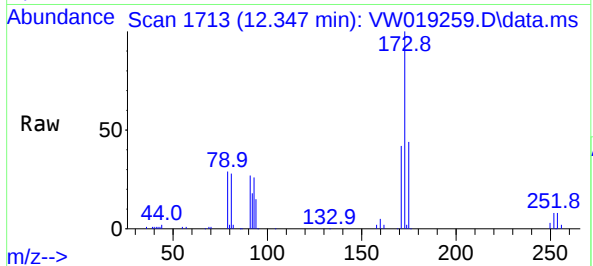
#70  
Styrene  
Concen: 20.794 ug/l  
RT: 12.183 min Scan# 1686  
Delta R.T. 0.001 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion:104 Resp: 287092  
Ion Ratio Lower Upper  
104 100  
78 51.7 41.3 61.9  
103 55.0 44.1 66.1

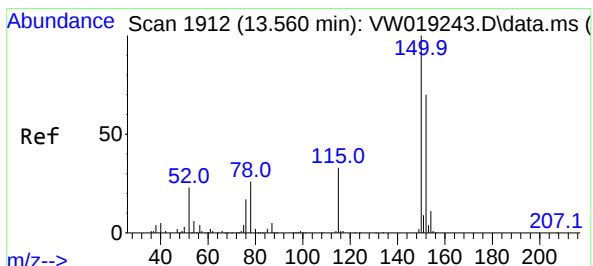
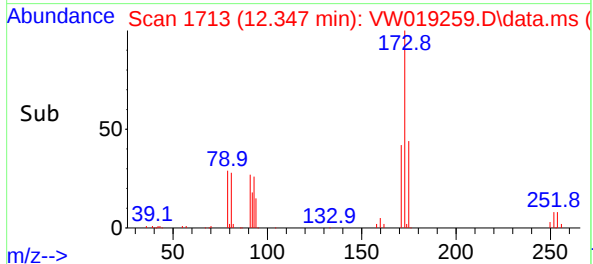
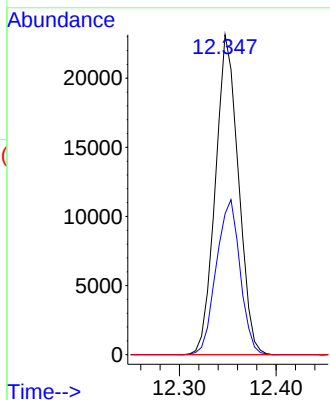




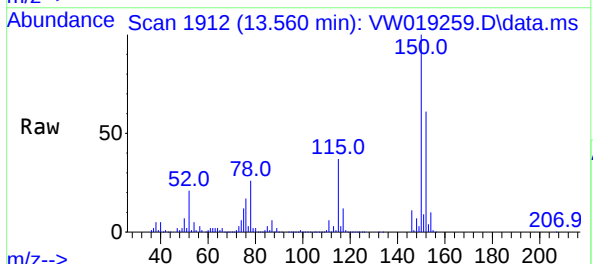
#71  
Bromoform  
Concen: 18.619 ug/l  
RT: 12.347 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



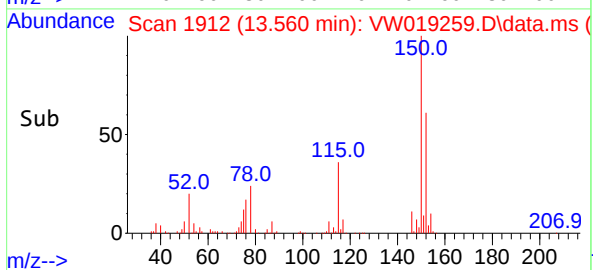
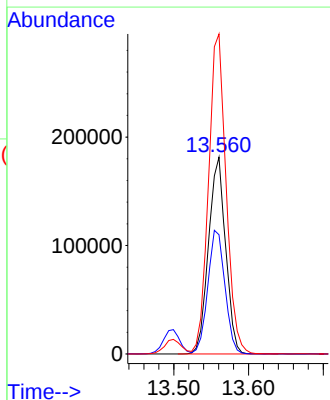
Tgt Ion:173 Resp: 38271  
Ion Ratio Lower Upper  
173 100  
175 50.0 24.6 73.8  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.560 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



Tgt Ion:152 Resp: 288267  
Ion Ratio Lower Upper  
152 100  
115 62.9 30.3 90.8  
150 166.9 0.0 356.0

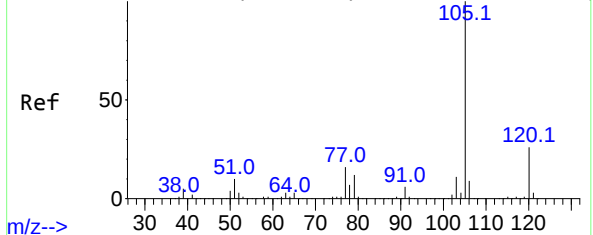


Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

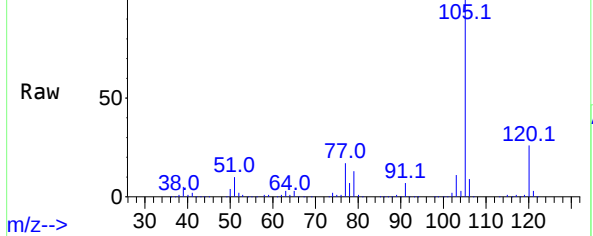
Manual Integrations  
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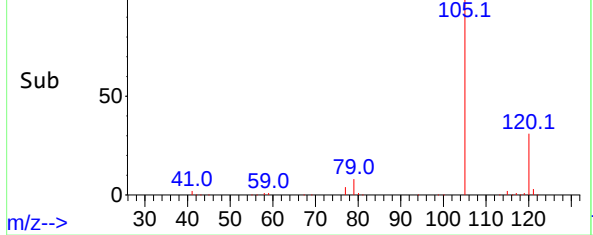
Abundance Scan 1732 (12.463 min): VW019243.D\data.ms (



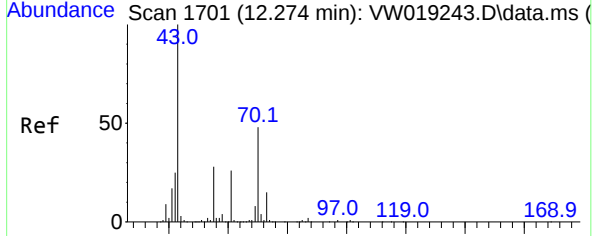
m/z--> Abundance Scan 1732 (12.463 min): VW019259.D\data.ms



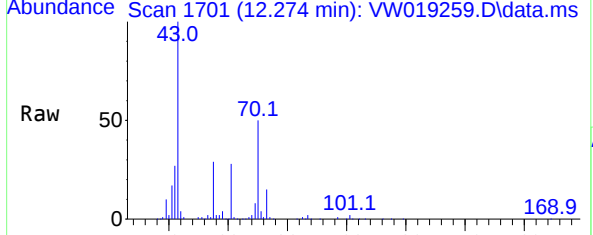
m/z--> Abundance Scan 1732 (12.463 min): VW019259.D\data.ms (



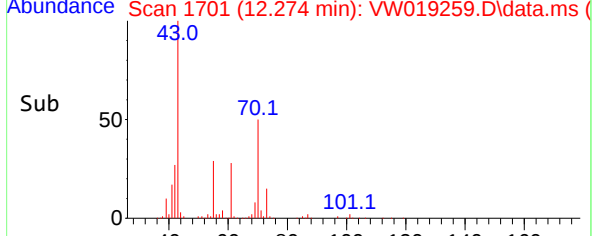
m/z--> Abundance Scan 1701 (12.274 min): VW019243.D\data.ms (



m/z--> Abundance Scan 1701 (12.274 min): VW019259.D\data.ms



m/z--> Abundance Scan 1701 (12.274 min): VW019259.D\data.ms (



m/z--> Abundance Scan 1701 (12.274 min): VW019259.D\data.ms (



m/z--> Abundance Scan 1701 (12.274 min): VW019259.D\data.ms (

m/z--> Abundance Scan 1701 (12.274 min): VW019259.D\data.ms (

m/z--> Abundance Scan 1701 (12.274 min): VW019259.D\data.ms (

m/z--> Abundance Scan 1701 (12.274 min): VW019259.D\data.ms (

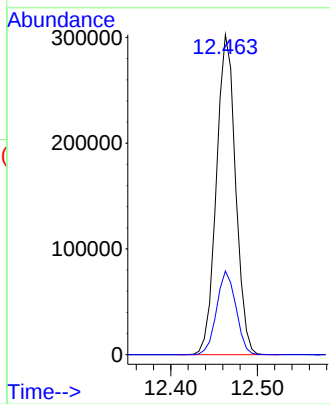
m/z--> Abundance Scan 1701 (12.274 min): VW019259.D\data.ms (

m/z--> Abundance Scan 1701 (12.274 min): VW019259.D\data.ms (

m/z--> Abundance Scan 1701 (12.274 min): VW019259.D\data.ms (

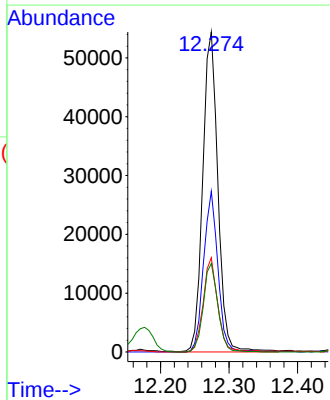
#73  
Isopropylbenzene  
Concen: 21.688 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion:105 Resp: 464984  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.2 39.5



#74  
N-ethyl acetate  
Concen: 18.484 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

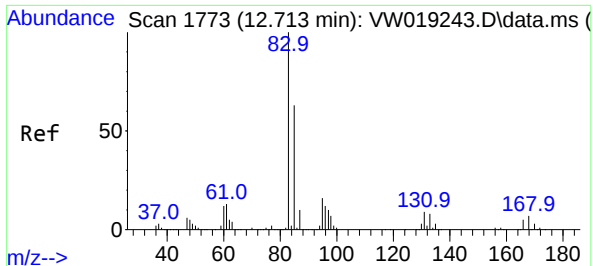
Tgt Ion: 43 Resp: 83927  
Ion Ratio Lower Upper  
43 100  
70 47.1 38.4 57.6  
55 28.1 21.6 32.4  
61 26.5 21.0 31.4



Instrument :  
MSVOA\_W  
ClientSampled :  
VW0622SBS01

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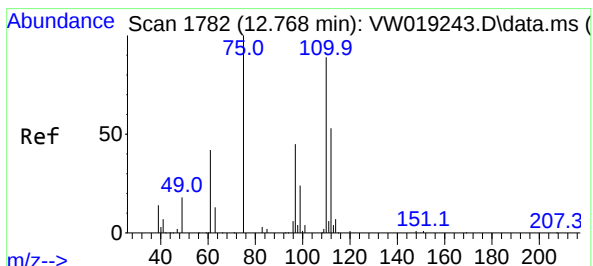
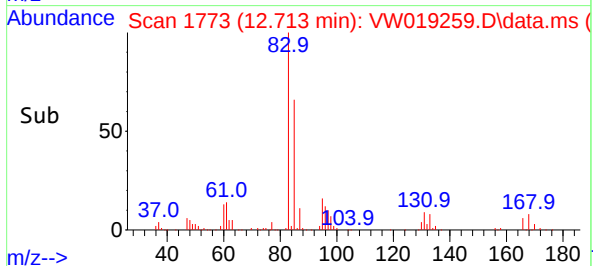
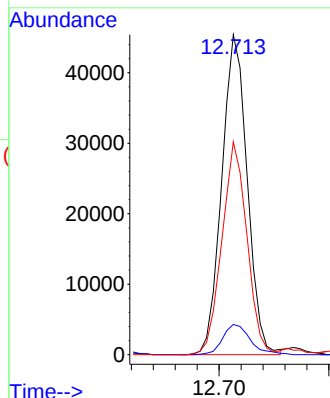
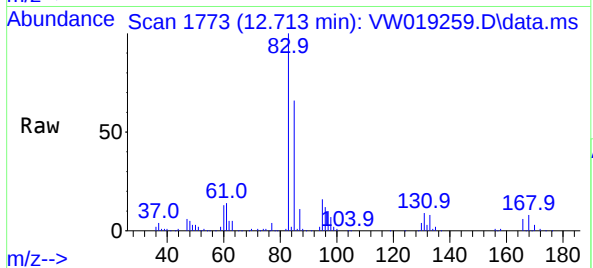
#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.780 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 83 Resp: 73242  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.1 15.2  
85 65.1 31.6 94.8

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

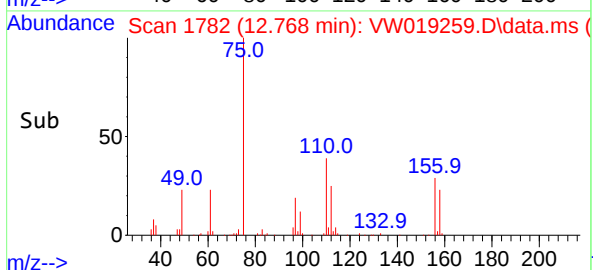
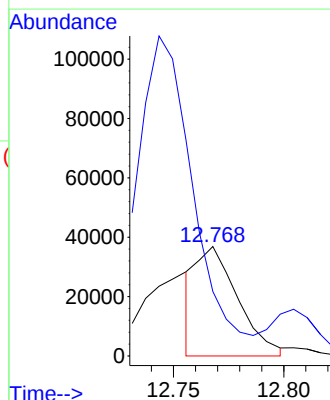
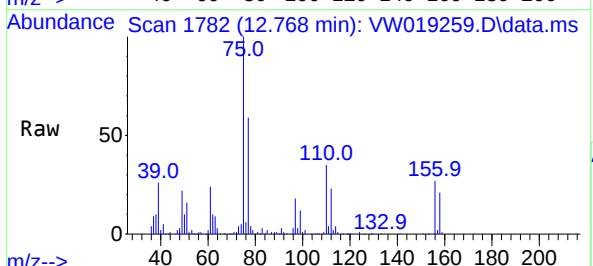
Manual Integrations  
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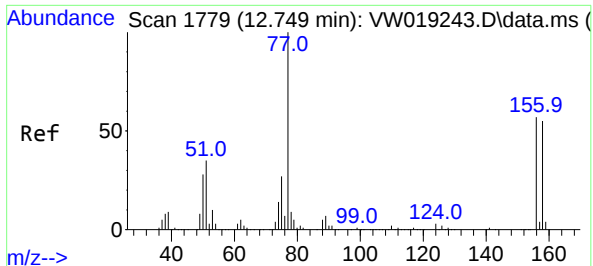
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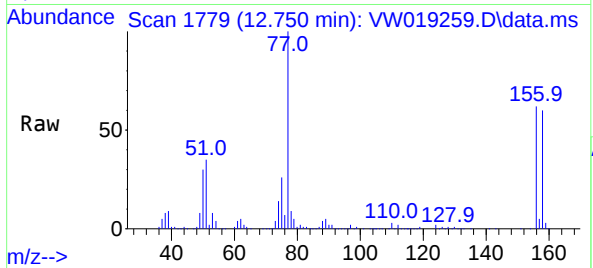
#76  
1,2,3-Trichloropropane  
Concen: 17.148 ug/l m  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion: 75 Resp: 48426  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

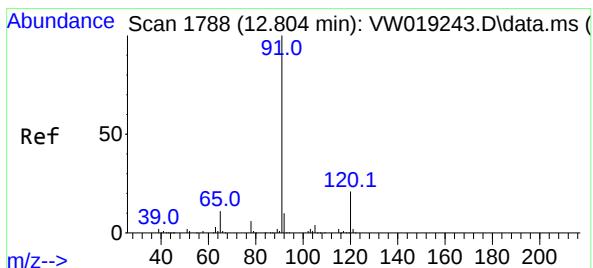
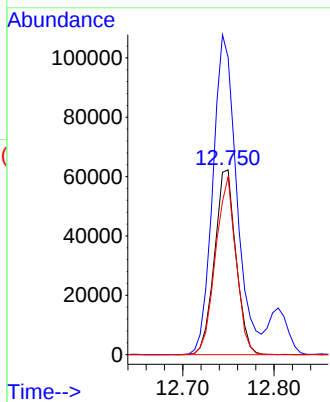
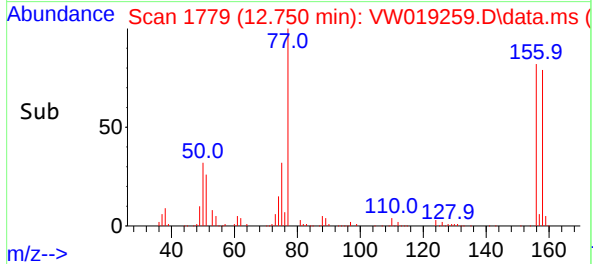




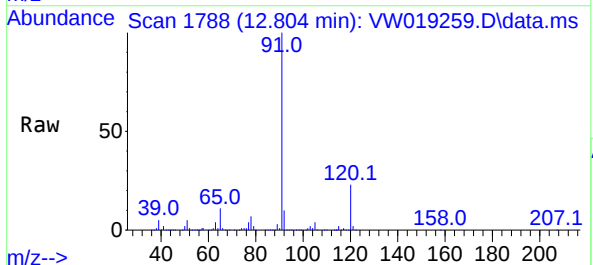
#77  
Bromobenzene  
Concen: 22.018 ug/l  
RT: 12.750 min Scan# 1779  
Delta R.T. 0.001 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



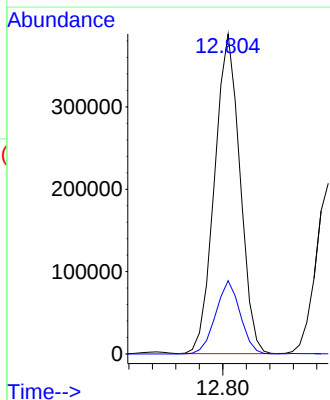
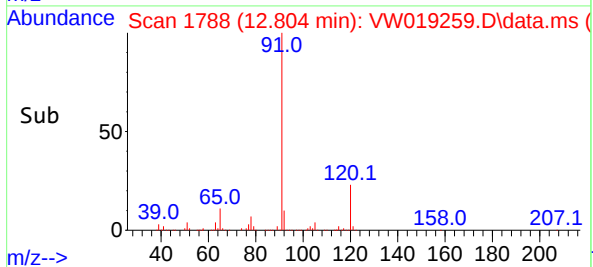
Tgt Ion:156 Resp: 101616  
Ion Ratio Lower Upper  
156 100  
77 192.9 96.7 290.0  
158 92.1 48.4 145.3



#78  
n-propylbenzene  
Concen: 21.592 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



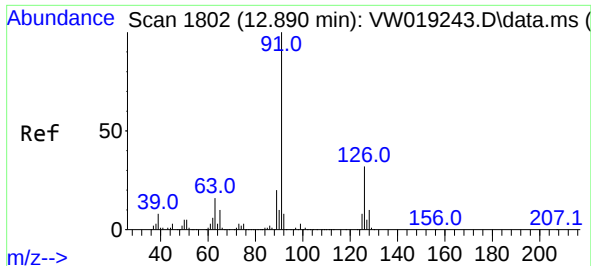
Tgt Ion: 91 Resp: 583659  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.1 33.3



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

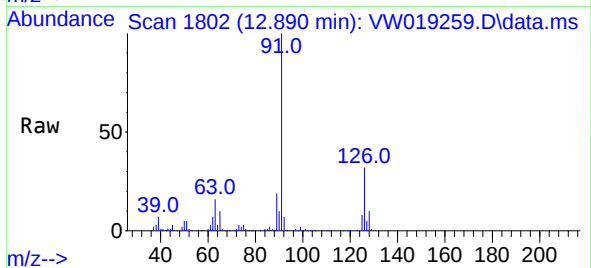
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#79  
2-Chlorotoluene  
Concen: 21.676 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

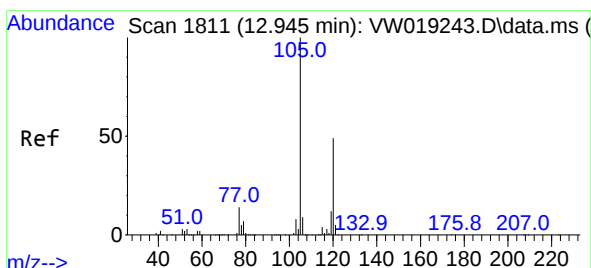
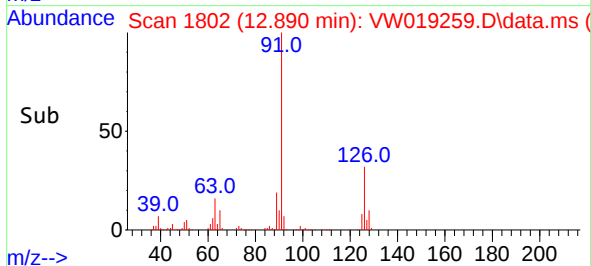
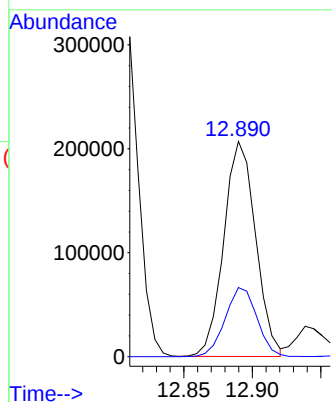
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



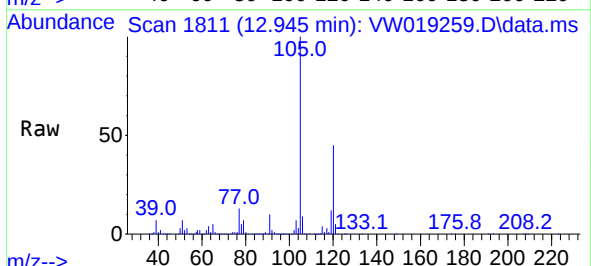
Tgt Ion: 91 Resp: 334939  
Ion Ratio Lower Upper  
91 100  
126 32.1 16.5 49.5

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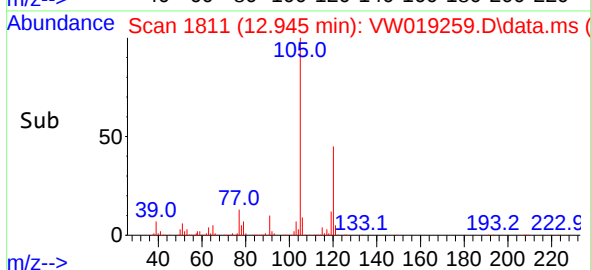
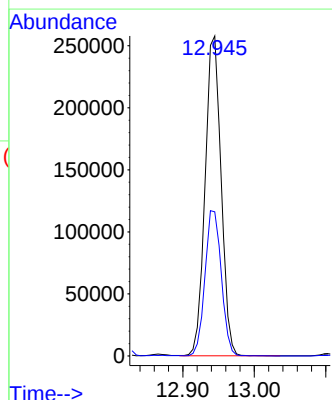
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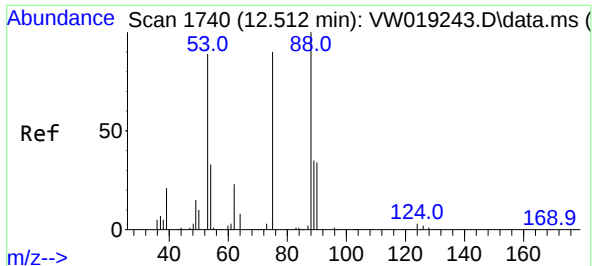


#80  
1,3,5-Trimethylbenzene  
Concen: 22.049 ug/l  
RT: 12.945 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



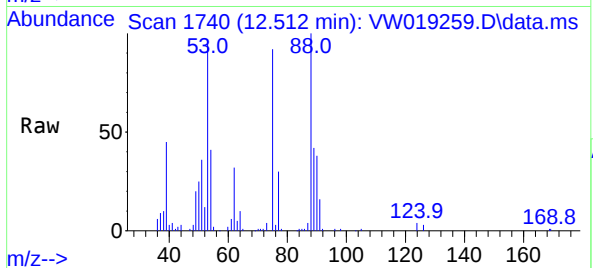
Tgt Ion: 105 Resp: 400793  
Ion Ratio Lower Upper  
105 100  
120 46.5 24.1 72.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.339 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

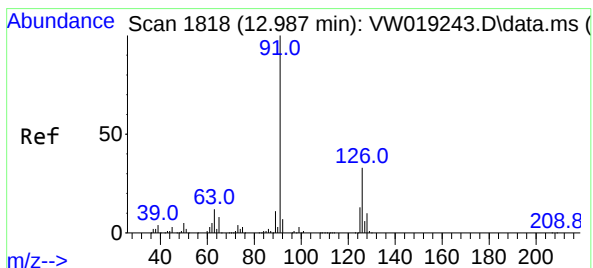
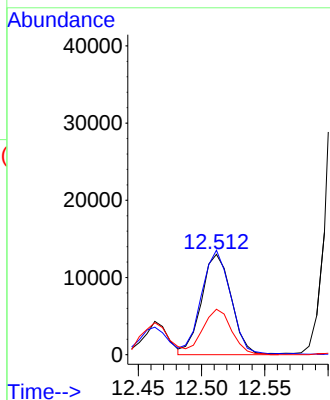
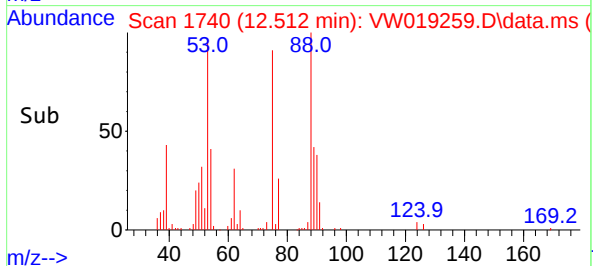
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



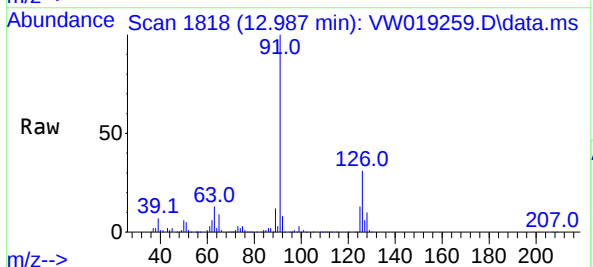
Tgt Ion: 75 Resp: 21348  
Ion Ratio Lower Upper  
75 100  
53 102.0 81.5 122.3  
89 43.5 36.3 54.5

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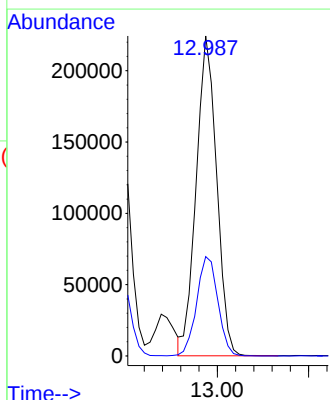
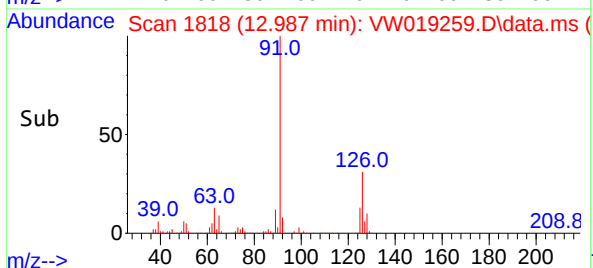
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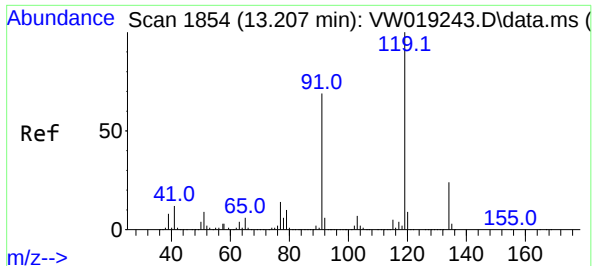


#82  
4-Chlorotoluene  
Concen: 21.596 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



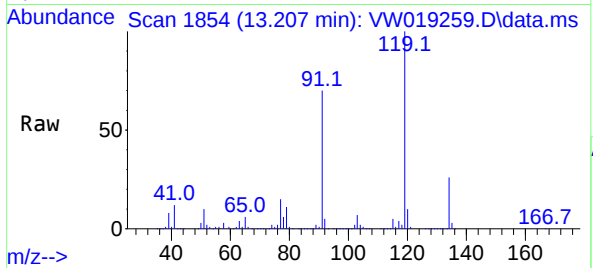
Tgt Ion: 91 Resp: 348772  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.1 48.2





#83  
tert-Butylbenzene  
Concen: 22.183 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

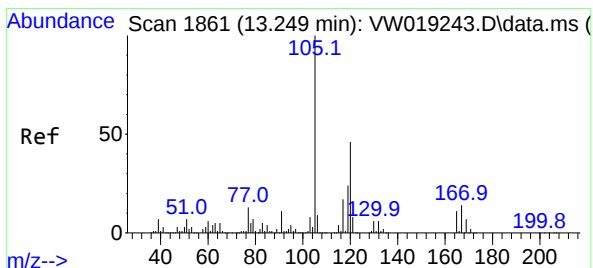
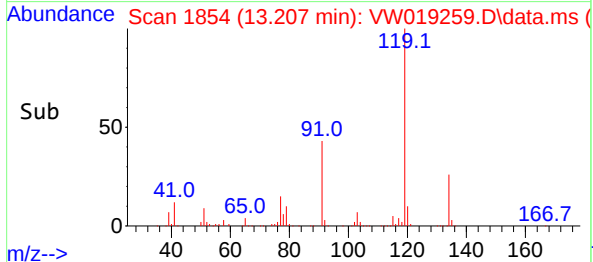
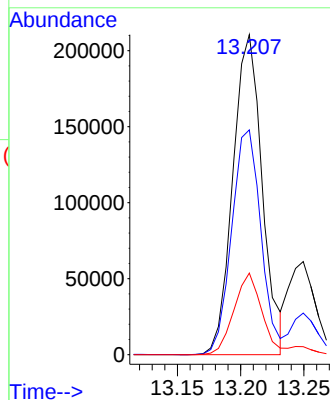
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



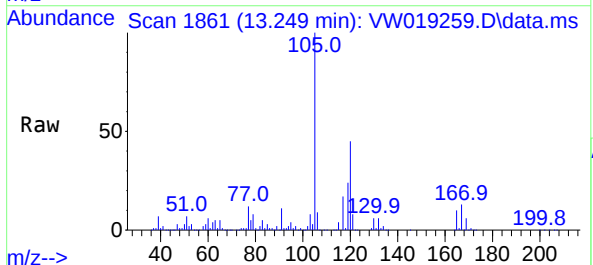
Tgt Ion:119 Resp: 340438  
Ion Ratio Lower Upper  
119 100  
91 70.0 34.0 102.0  
134 24.4 13.0 38.9

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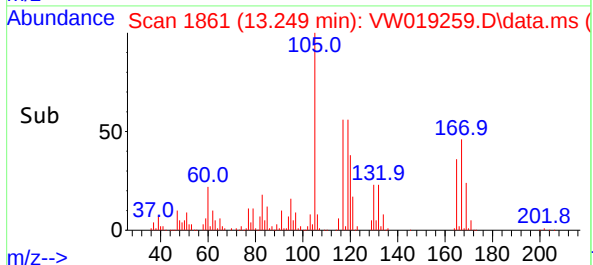
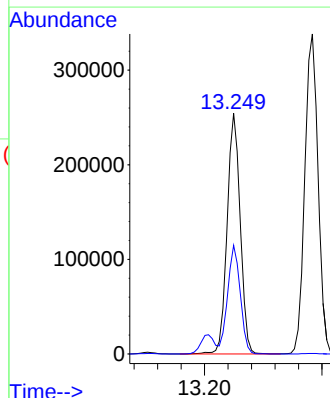
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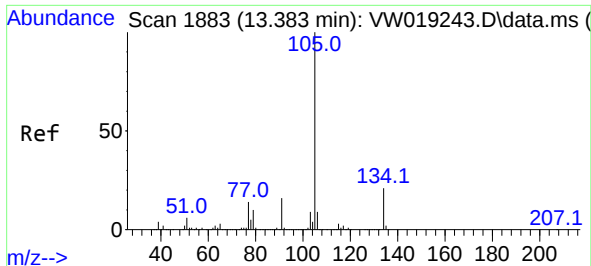


#84  
1,2,4-Trimethylbenzene  
Concen: 21.821 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



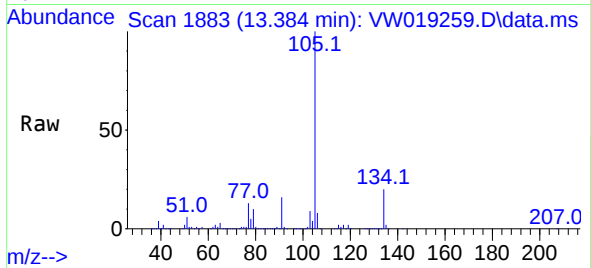
Tgt Ion:105 Resp: 393802  
Ion Ratio Lower Upper  
105 100  
120 43.4 22.4 67.0





#85  
sec-Butylbenzene  
Concen: 22.103 ug/l  
RT: 13.384 min Scan# 1883  
Delta R.T. 0.001 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

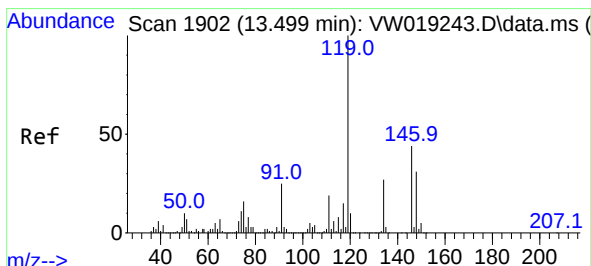
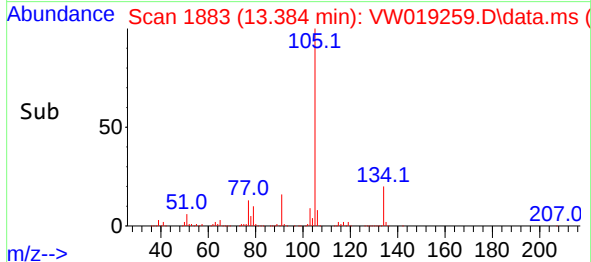
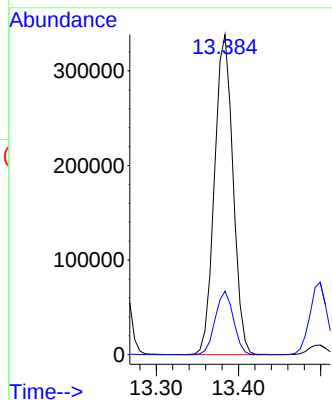
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



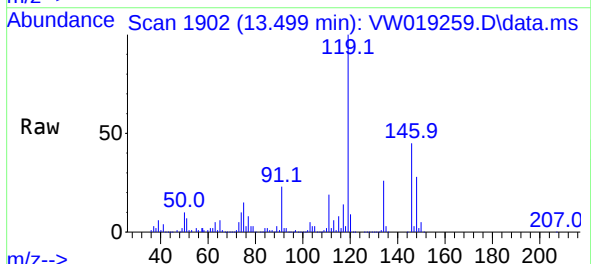
Tgt Ion:105 Resp: 527642  
Ion Ratio Lower Upper  
105 100  
134 19.6 10.1 30.1

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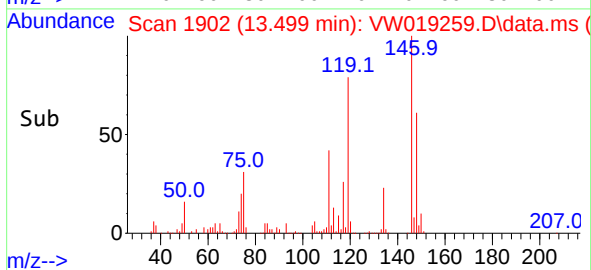
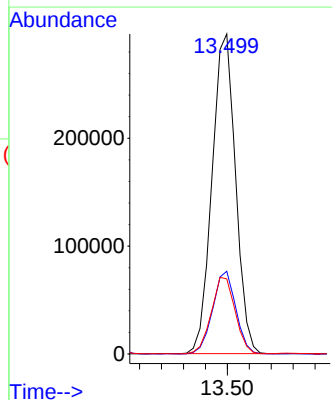
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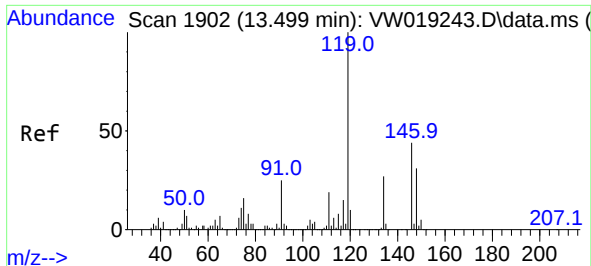


#86  
p-Isopropyltoluene  
Concen: 22.753 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



Tgt Ion:119 Resp: 441967  
Ion Ratio Lower Upper  
119 100  
134 25.5 12.8 38.3  
91 24.3 12.1 36.3





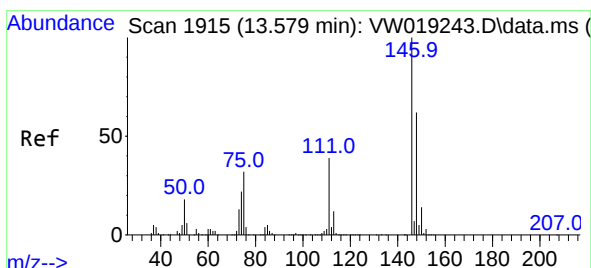
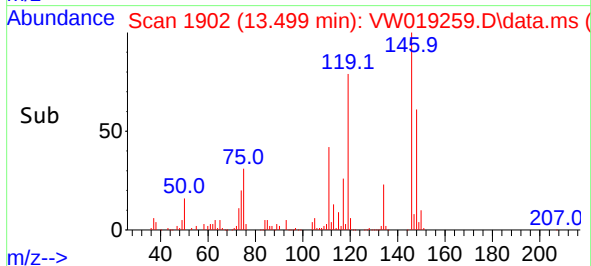
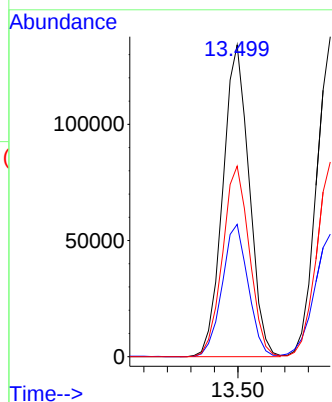
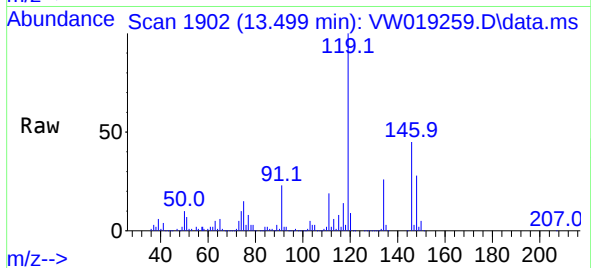
#87  
1,3-Dichlorobenzene  
Concen: 21.371 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion:146 Resp: 208688  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.7 62.1  
148 62.3 31.8 95.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

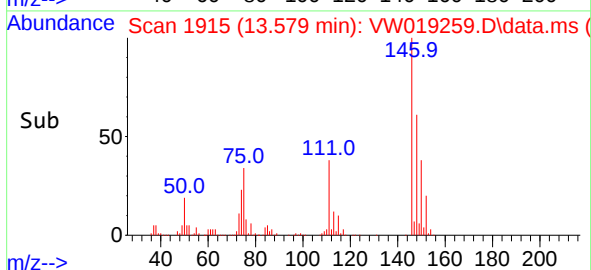
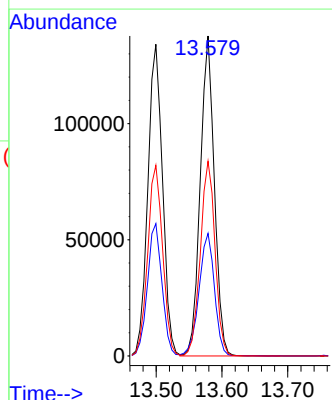
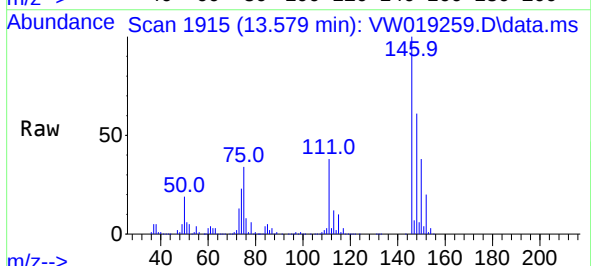
Manual Integrations  
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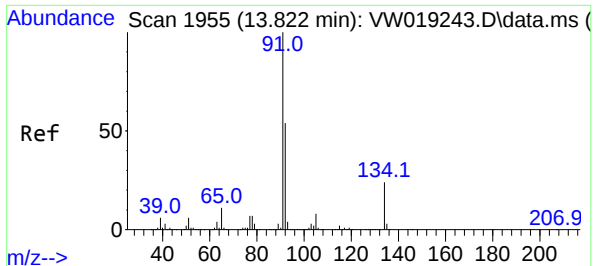
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#88  
1,4-Dichlorobenzene  
Concen: 21.281 ug/l  
RT: 13.579 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

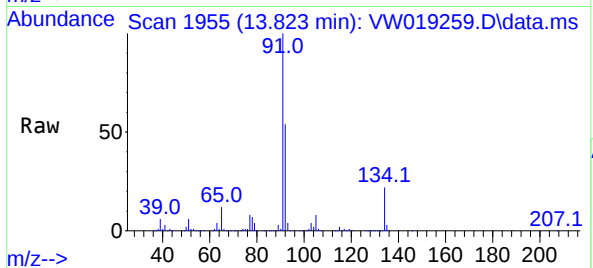
Tgt Ion:146 Resp: 205381  
Ion Ratio Lower Upper  
146 100  
111 41.8 20.1 60.3  
148 63.6 32.4 97.2





#89  
n-Butylbenzene  
Concen: 21.868 ug/l  
RT: 13.823 min Scan# 1955  
Delta R.T. 0.001 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

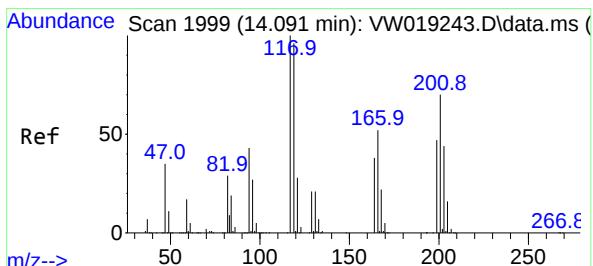
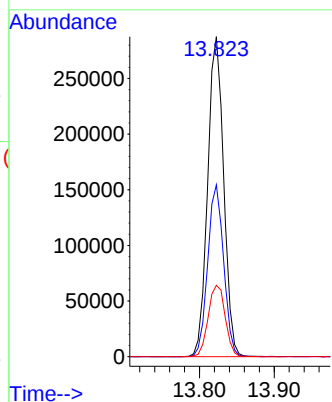
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



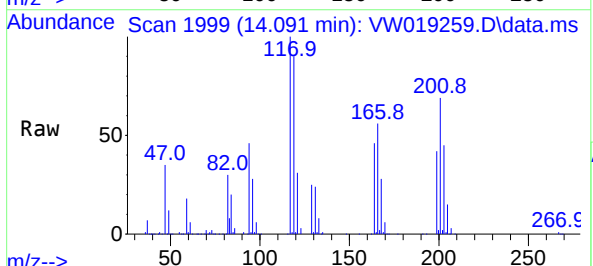
Tgt Ion: 91 Resp: 427258  
Ion Ratio Lower Upper  
91 100  
92 53.4 26.6 79.8  
134 23.7 12.7 38.0

Manual Integrations  
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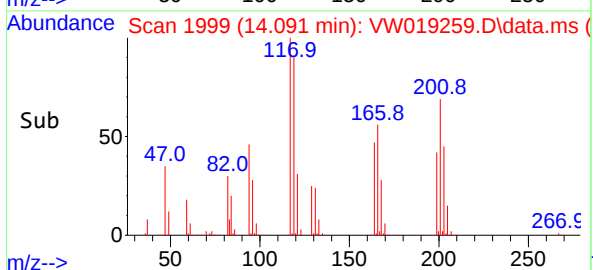
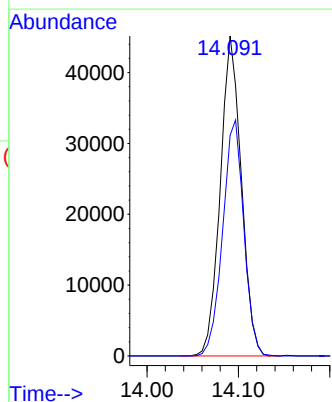
MMDadoda  
6/23/2021 5:29:27 PM

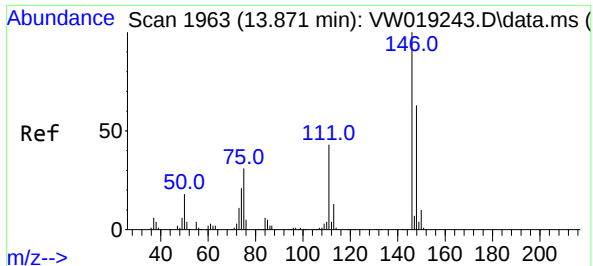


#90  
Hexachloroethane  
Concen: 20.507 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

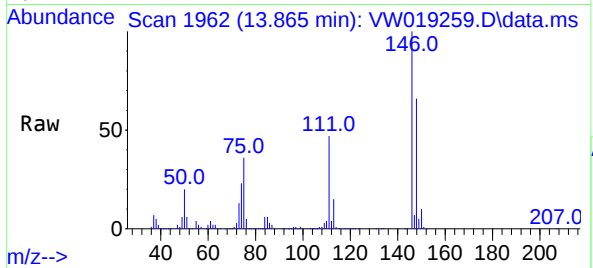


Tgt Ion: 117 Resp: 72201  
Ion Ratio Lower Upper  
117 100  
201 74.1 38.4 115.2

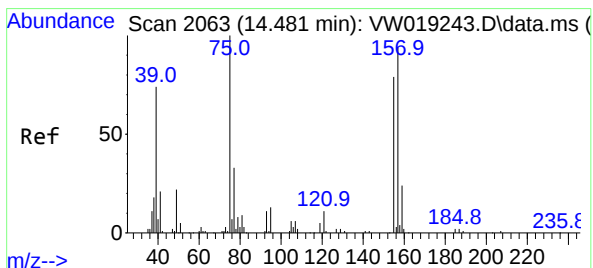
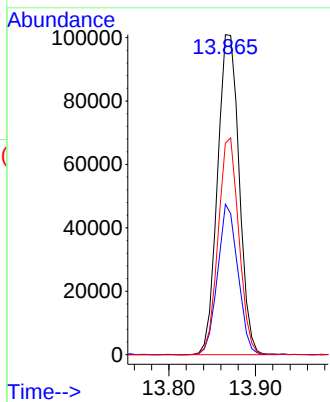
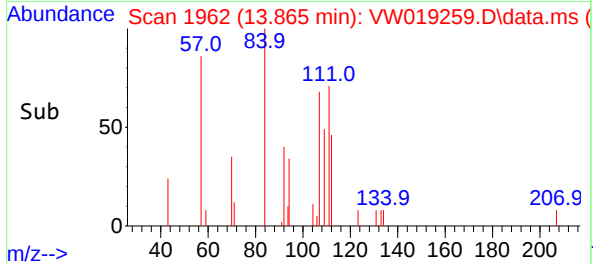




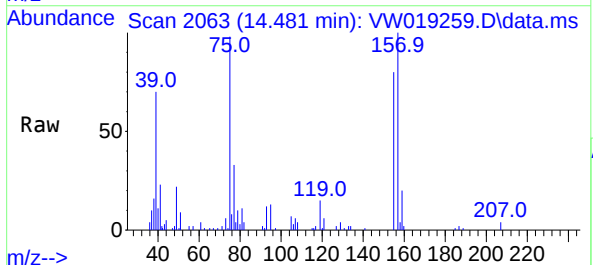
#91  
1,2-Dichlorobenzene  
Concen: 20.538 ug/l  
RT: 13.865 min Scan# 1962  
Delta R.T. -0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



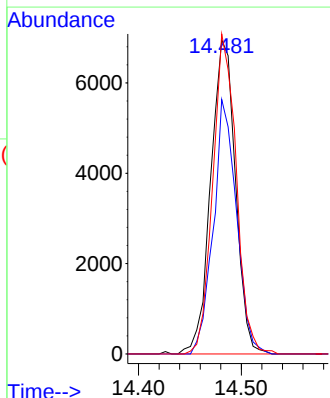
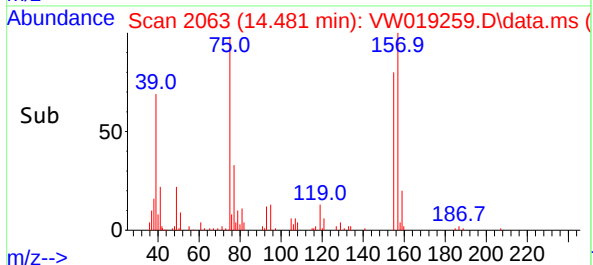
Tgt Ion:146 Resp: 174913  
Ion Ratio Lower Upper  
146 100  
111 44.3 21.1 63.1  
148 64.9 32.6 97.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.618 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



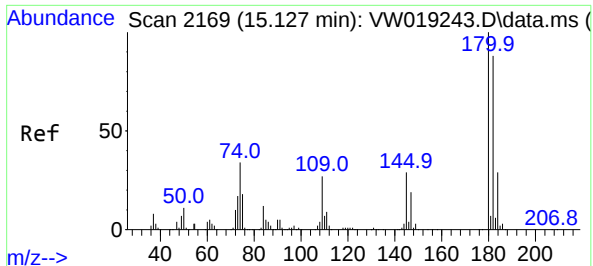
Tgt Ion: 75 Resp: 11588  
Ion Ratio Lower Upper  
75 100  
155 75.8 41.3 124.1  
157 96.6 51.2 153.6



Instrument :  
MSVOA\_W  
ClientSampleId :  
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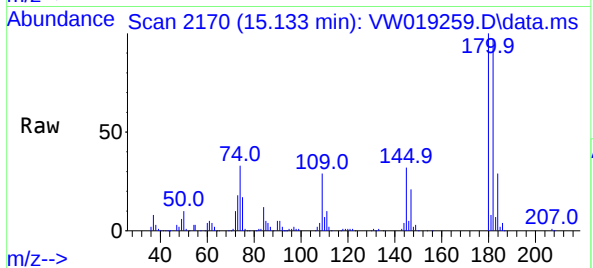
Manual Integrations  
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#93  
1,2,4-Trichlorobenzene  
Concen: 21.396 ug/l  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

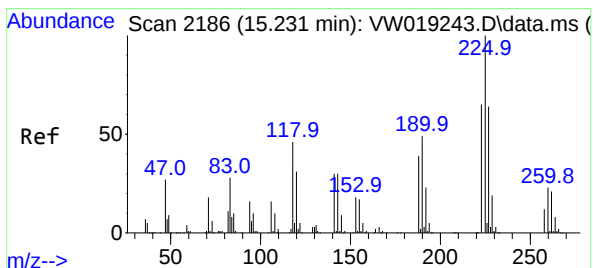
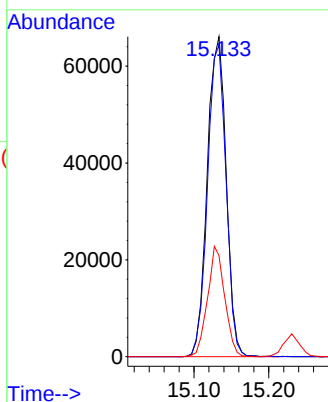
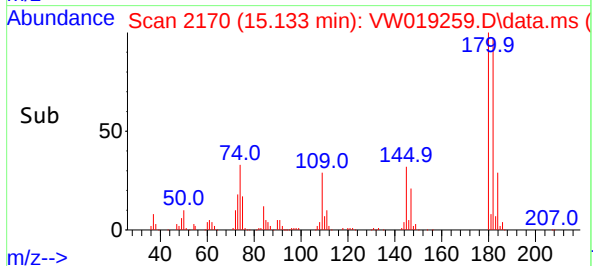
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01



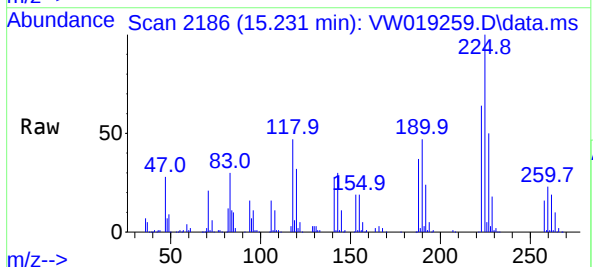
Tgt Ion:180 Resp: 116295  
Ion Ratio Lower Upper  
180 100  
182 95.2 48.9 146.7  
145 31.4 15.4 46.1

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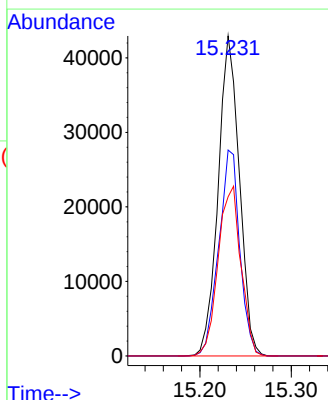
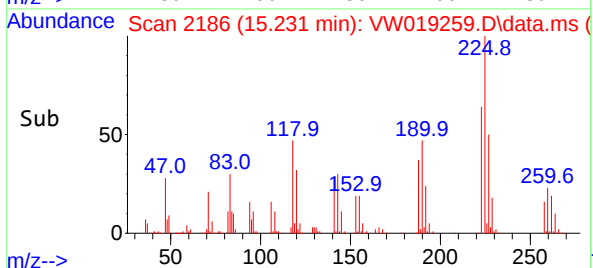
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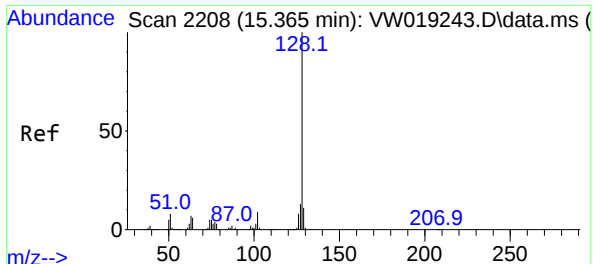


#94  
Hexachlorobutadiene  
Concen: 21.658 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22



Tgt Ion:225 Resp: 69418  
Ion Ratio Lower Upper  
225 100  
223 63.8 29.6 88.8  
227 56.8 30.4 91.3





#95  
Naphthalene  
Concen: 20.312 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

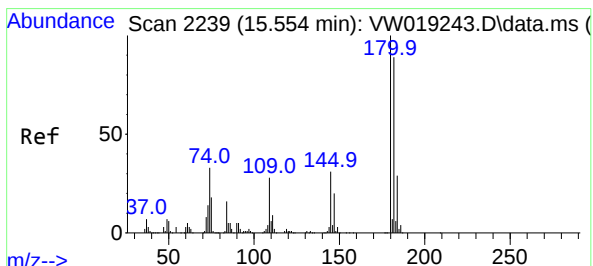
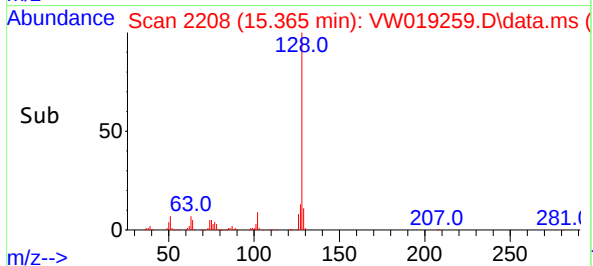
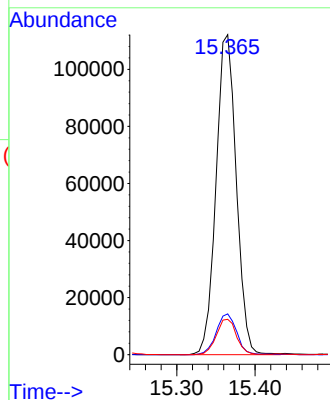
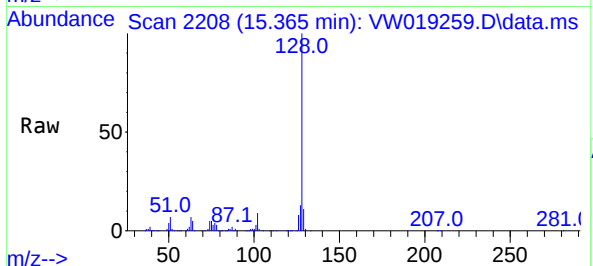
Tgt Ion:128 Resp: 201368

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.9  | 10.4  | 15.6  |
| 129 | 11.1  | 8.5   | 12.7  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 21.840 ug/l  
RT: 15.554 min Scan# 2239  
Delta R.T. -0.000 min  
Lab File: VW019259.D  
Acq: 22 Jun 2021 11:22

Tgt Ion:180 Resp: 102609

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.4  | 47.4  | 142.3 |
| 145 | 33.2  | 16.1  | 48.2  |

