

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080321\  
 Data File : VW019656.D  
 Acq On : 03 Aug 2021 13:12  
 Operator : SY/VA  
 Sample : VSTDIC005  
 Misc : 5.00g/5.00mL/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda

8/4/2021 7:04:07 PM

Quant Time: Aug 03 15:59:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W080321S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 15:58:27 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.945  | 168   | 597171   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.842  | 114   | 1004072  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.634 | 117   | 905312   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.554 | 152   | 457442   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.305  | 65    | 40963    | 5.392    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 10.780%# |
| 35) Dibromofluoromethane     | 7.884  | 113   | 34965    | 5.268    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 10.540%# |
| 50) Toluene-d8               | 10.323 | 98    | 138145   | 5.326    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 10.660%# |
| 62) 4-Bromofluorobenzene     | 12.615 | 95    | 46637    | 5.040    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 10.080%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.007  | 85    | 18935    | 5.652    | ug/l   | 95       |
| 3) Chloromethane             | 2.215  | 50    | 28726    | 6.295    | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.367  | 62    | 39690    | 5.973    | ug/l   | 95       |
| 5) Bromomethane              | 2.782  | 94    | 30364    | 6.106    | ug/l   | 83       |
| 6) Chloroethane              | 2.916  | 64    | 16145    | 3.822    | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.245  | 101   | 25380    | 5.031    | ug/l   | 93       |
| 8) Diethyl Ether             | 3.684  | 74    | 16203    | 5.189    | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 4.056  | 101   | 34170    | 5.665    | ug/l   | 98       |
| 10) Methyl Iodide            | 4.263  | 142   | 41792    | 5.377    | ug/l   | 96       |
| 11) Tert butyl alcohol       | 5.275  | 59    | 7262m    | 24.583   | ug/l   |          |
| 12) 1,1-Dichloroethene       | 4.031  | 96    | 33289    | 5.595    | ug/l   | 95       |
| 13) Acrolein                 | 3.903  | 56    | 7144     | 22.055   | ug/l   | 96       |
| 14) Allyl chloride           | 4.665  | 41    | 43526    | 5.070    | ug/l # | 88       |
| 15) Acrylonitrile            | 5.379  | 53    | 33878    | 25.211   | ug/l   | 98       |
| 16) Acetone                  | 4.147  | 43    | 33017    | 29.413   | ug/l   | 93       |
| 17) Carbon Disulfide         | 4.373  | 76    | 83561    | 5.310    | ug/l   | 98       |
| 18) Methyl Acetate           | 4.684  | 43    | 23728    | 7.100    | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.428  | 73    | 42393    | 4.845    | ug/l   | 99       |
| 20) Methylene Chloride       | 4.909  | 84    | 84894    | 8.734    | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 5.421  | 96    | 35199    | 5.339    | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.311  | 45    | 87764    | 4.800    | ug/l   | 91       |
| 23) Vinyl Acetate            | 6.257  | 43    | 224970   | 21.099   | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.214  | 63    | 67154    | 5.322    | ug/l   | 100      |
| 25) 2-Butanone               | 7.189  | 43    | 38800    | 23.903   | ug/l   | 91       |
| 26) 2,2-Dichloropropane      | 7.165  | 77    | 36207    | 5.170    | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.165  | 96    | 36747    | 5.056    | ug/l   | 98       |
| 28) Bromochloromethane       | 7.513  | 49    | 24544    | 4.936    | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.543  | 42    | 25599    | 24.597   | ug/l   | 97       |
| 30) Chloroform               | 7.677  | 83    | 69318    | 5.413    | ug/l   | 97       |
| 31) Cyclohexane              | 7.951  | 56    | 68463    | 6.151    | ug/l # | 78       |
| 32) 1,1,1-Trichloroethane    | 7.872  | 97    | 51832    | 5.214    | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.079  | 75    | 52099    | 5.295    | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.263  | 43    | 17642    | 4.623    | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.067  | 117   | 47771    | 5.241    | ug/l   | 94       |
| 39) Methylcyclohexane        | 9.335  | 83    | 56214    | 4.974    | ug/l   | 98       |
| 40) Benzene                  | 8.323  | 78    | 143165   | 5.283    | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080321\  
 Data File : VW019656.D  
 Acq On : 03 Aug 2021 13:12  
 Operator : SY/VA  
 Sample : VSTDICC005  
 Misc : 5.00g/5.00mL/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICC005

Manual Integrations  
 APPROVED

MMDadoda

8/4/2021 7:04:07 PM

Quant Time: Aug 03 15:59:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W080321S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 15:58:27 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.494  | 41   | 9241     | 4.297  | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 8.403  | 62   | 44786    | 5.280  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.427  | 43   | 32796    | 4.531  | ug/l   | 97       |
| 44) Trichloroethene           | 9.091  | 130  | 37035    | 5.313  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.366  | 63   | 36286    | 5.287  | ug/l   | 96       |
| 46) Dibromomethane            | 9.457  | 93   | 18644    | 5.136  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.646  | 83   | 44647    | 4.925  | ug/l # | 96       |
| 48) Methyl methacrylate       | 9.439  | 41   | 13778    | 4.283  | ug/l # | 86       |
| 49) 1,4-Dioxane               | 9.512  | 88   | 4380     | 92.707 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.213 | 43   | 86266    | 22.778 | ug/l   | 94       |
| 52) Toluene                   | 10.384 | 92   | 83532    | 4.893  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.603 | 75   | 39335    | 4.444  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 47624    | 4.602  | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 26269    | 5.177  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 25363    | 4.157  | ug/l # | 93       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 44879    | 5.007  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 57919    | 20.435 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.969 | 43   | 57579    | 22.549 | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.128 | 129  | 25378    | 4.598  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.237 | 107  | 23376    | 4.941  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.866 | 164  | 30067    | 5.351  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.658 | 112  | 96358    | 5.364  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.725 | 131  | 30489    | 4.956  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.731 | 91   | 161061   | 4.945  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.841 | 106  | 121524   | 9.767  | ug/l   | 97       |
| 69) o-Xylene                  | 12.164 | 106  | 52594    | 4.562  | ug/l   | 92       |
| 70) Styrene                   | 12.182 | 104  | 87192    | 4.475  | ug/l   | 97       |
| 71) Bromoform                 | 12.353 | 173  | 13123    | 4.440  | ug/l # | 89       |
| 73) Isopropylbenzene          | 12.463 | 105  | 150849   | 4.658  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.274 | 43   | 28737    | 4.218  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 29431    | 4.947  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 23244m   | 3.751  | ug/l   |          |
| 77) Bromobenzene              | 12.743 | 156  | 35333    | 4.971  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.804 | 91   | 183377   | 4.605  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 113229   | 4.850  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 127606   | 4.622  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 7240     | 4.275  | ug/l # | 84       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 115689   | 4.765  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.207 | 119  | 107401   | 4.527  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 125831   | 4.578  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.383 | 105  | 168851   | 4.687  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.493 | 119  | 133593   | 4.519  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 74702    | 4.988  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.578 | 146  | 78400    | 5.266  | ug/l   | 95       |
| 89) n-Butylbenzene            | 13.822 | 91   | 138229   | 4.753  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.091 | 117  | 25239    | 4.680  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 66220    | 5.033  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 4359     | 4.499  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.133 | 180  | 38504    | 4.718  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 24173    | 5.095  | ug/l   | 97       |
| 95) Naphthalene               | 15.365 | 128  | 60553    | 3.980  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 32993    | 4.573  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080321\  
Data File : VW019656.D  
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Sample : VSTDICC005  
Misc : 5.00g/5.00mL/MSVOA\_W/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

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8/4/2021 7:04:07 PM

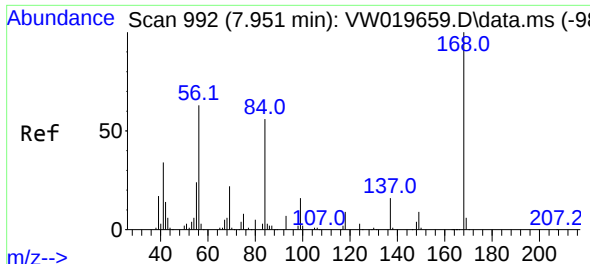
Quant Time: Aug 03 15:59:12 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W080321S.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 03 15:58:27 2021  
Response via : Initial Calibration

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

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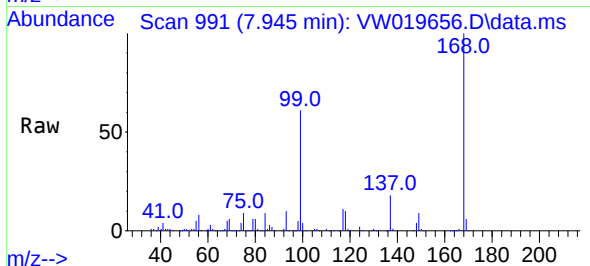
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#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.945 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

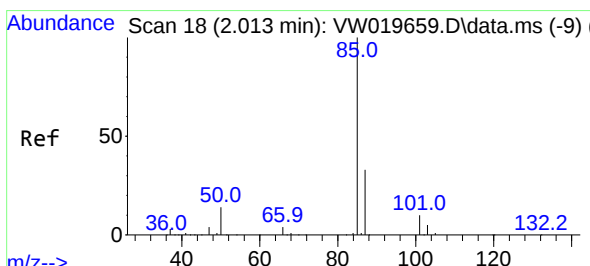
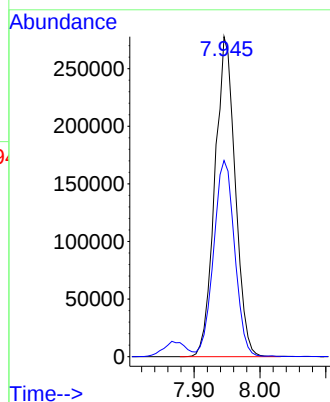
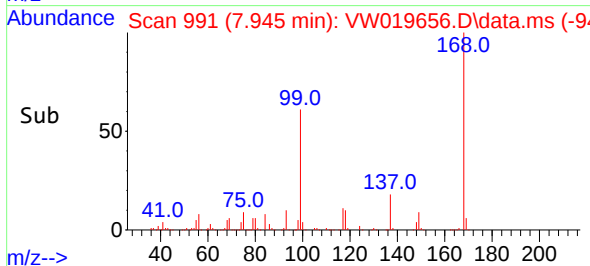


Tgt Ion:168 Resp: 597171  
Ion Ratio Lower Upper  
168 100  
99 61.2 51.9 77.9

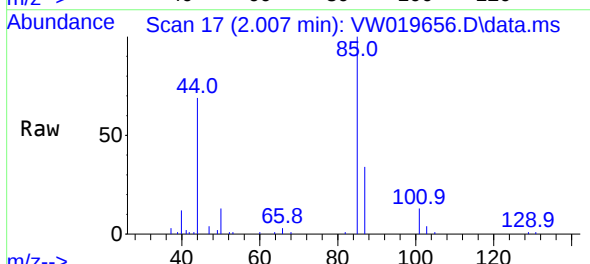
Manual Integrations  
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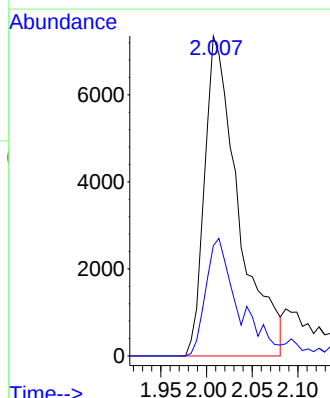
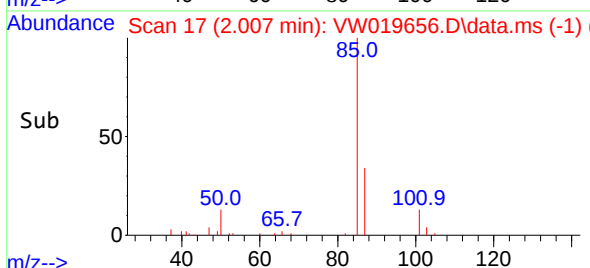
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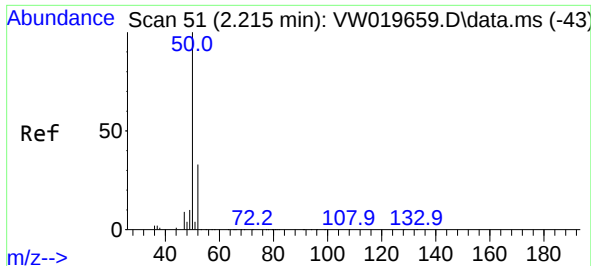


#2  
Dichlorodifluoromethane  
Concen: 5.652 ug/l  
RT: 2.007 min Scan# 17  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 85 Resp: 18935  
Ion Ratio Lower Upper  
85 100  
87 34.5 15.8 47.4





#3  
Chloromethane  
Concen: 6.295 ug/l  
RT: 2.215 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

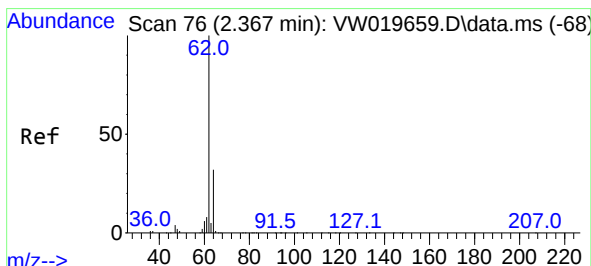
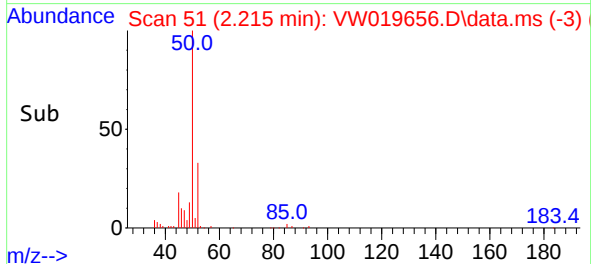
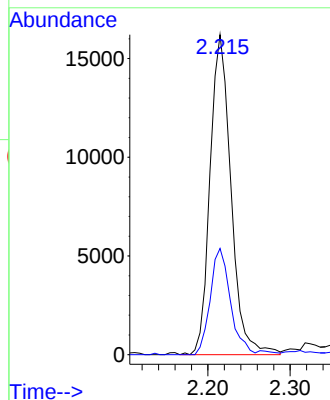
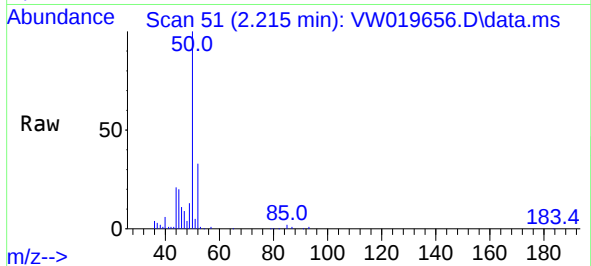
Tgt Ion: 50 Resp: 28726  
Ion Ratio Lower Upper  
50 100  
52 33.2 25.0 37.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

Manual Integrations  
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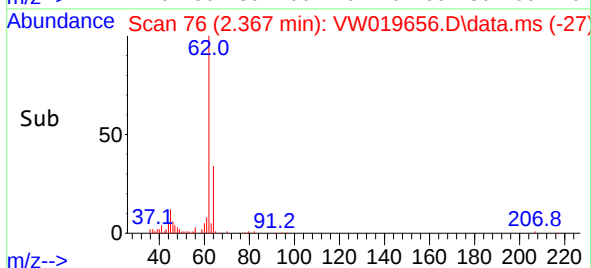
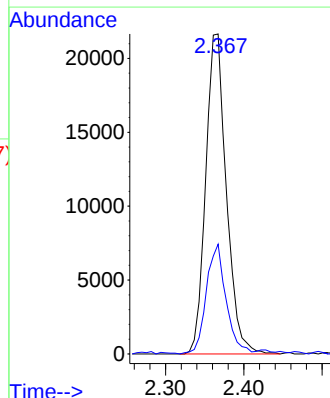
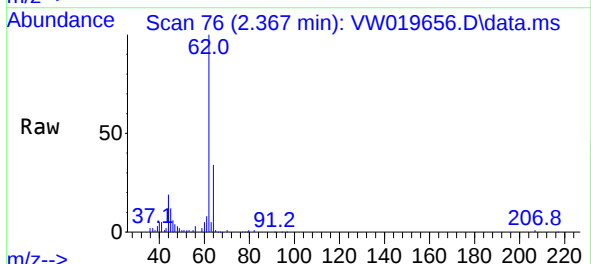
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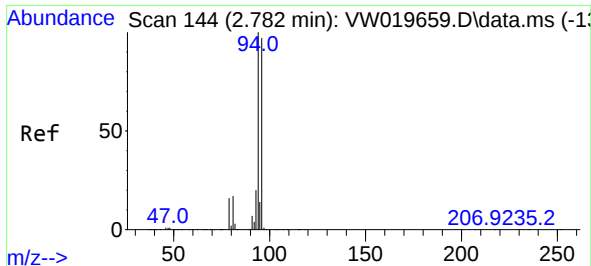
8/4/2021 7:04:07 PM



#4  
Vinyl Chloride  
Concen: 5.973 ug/l  
RT: 2.367 min Scan# 76  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 62 Resp: 39690  
Ion Ratio Lower Upper  
62 100  
64 34.3 25.1 37.7





#5  
Bromomethane  
Concen: 6.106 ug/l  
RT: 2.782 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

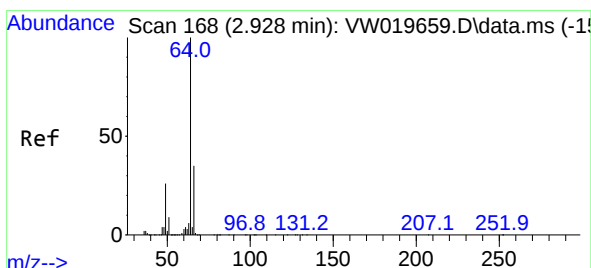
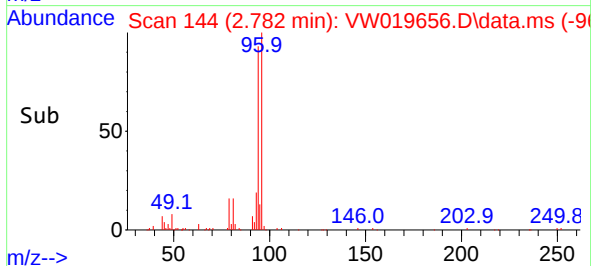
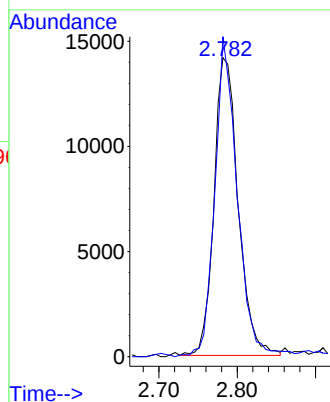
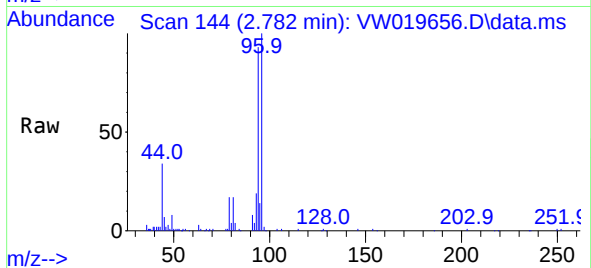
Tgt Ion: 94 Resp: 30364  
Ion Ratio Lower Upper  
94 100  
96 107.0 72.7 109.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

Manual Integrations  
APPROVED

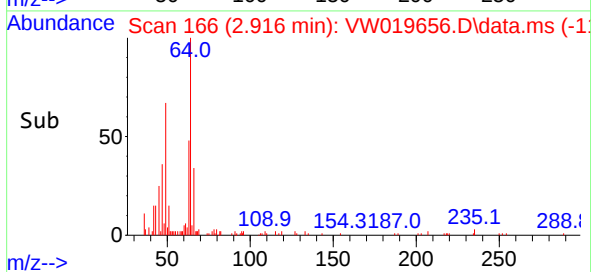
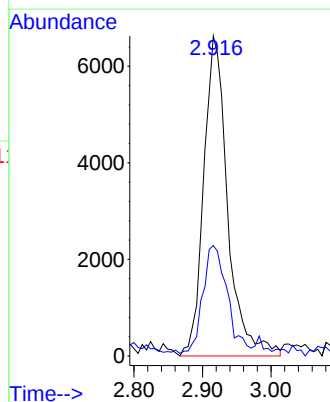
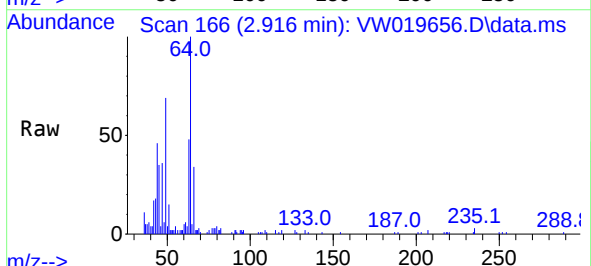
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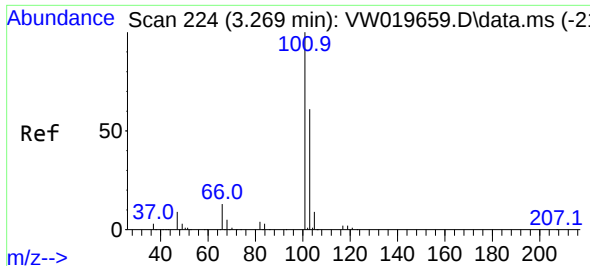
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#6  
Chloroethane  
Concen: 3.822 ug/l  
RT: 2.916 min Scan# 166  
Delta R.T. -0.012 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

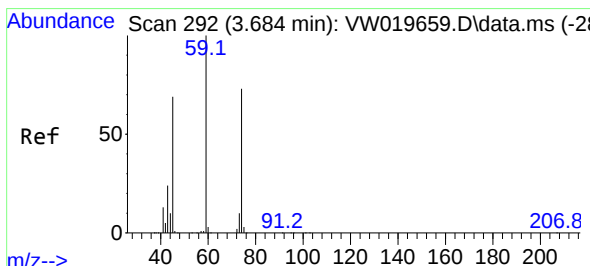
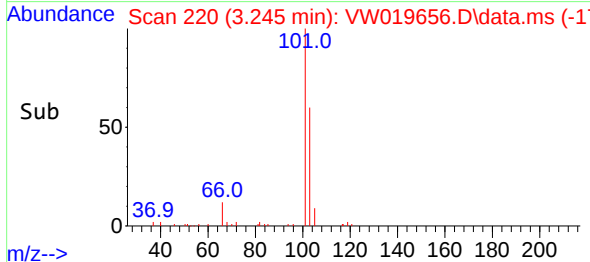
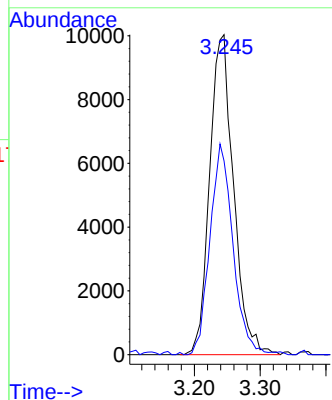
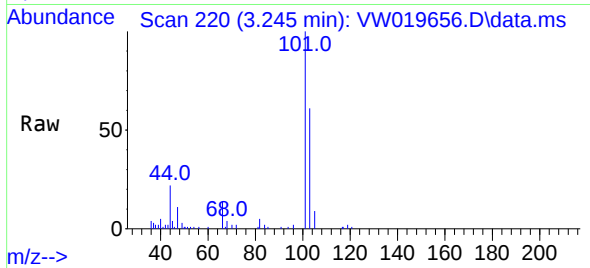
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Ion Ratio Lower Upper  
64 100  
66 33.7 26.9 40.3





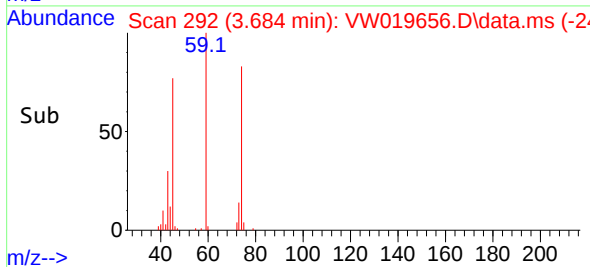
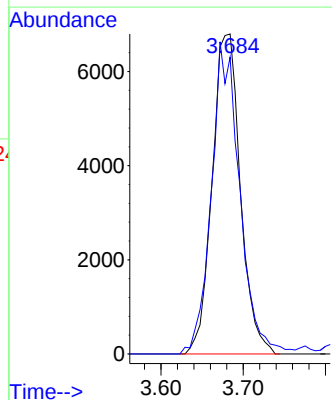
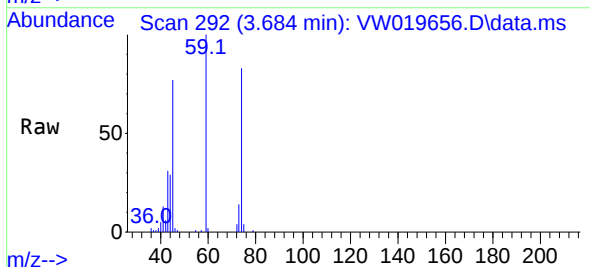
#7  
Trichlorofluoromethane  
Concen: 5.031 ug/l  
RT: 3.245 min Scan# 220  
Delta R.T. -0.024 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion:101 Resp: 25380  
Ion Ratio Lower Upper  
101 100  
103 59.9 52.2 78.2



#8  
Diethyl Ether  
Concen: 5.189 ug/l  
RT: 3.684 min Scan# 292  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 74 Resp: 16203  
Ion Ratio Lower Upper  
74 100  
45 97.8 48.8 146.3

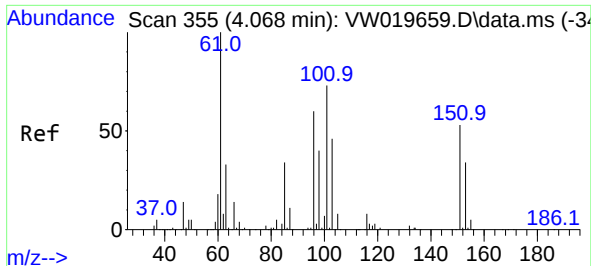


Instrument :  
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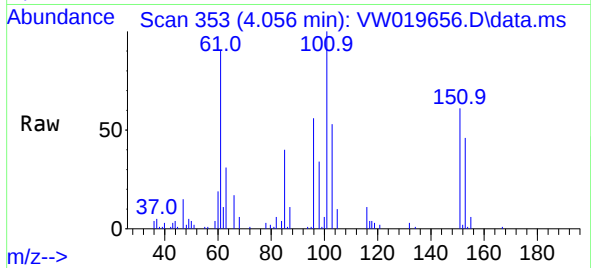
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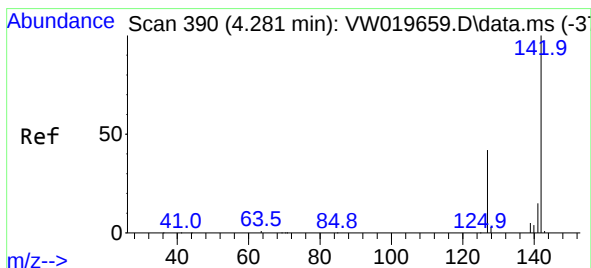
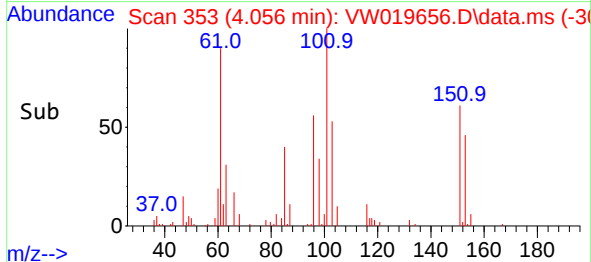
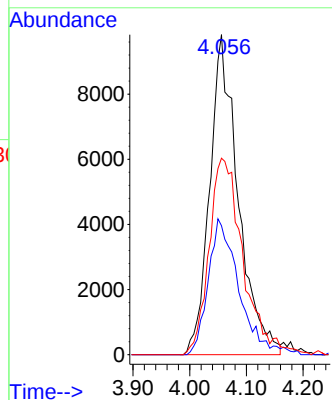
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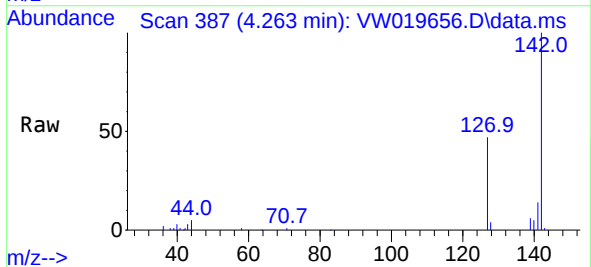
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.665 ug/l  
RT: 4.056 min Scan# 353  
Delta R.T. -0.012 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



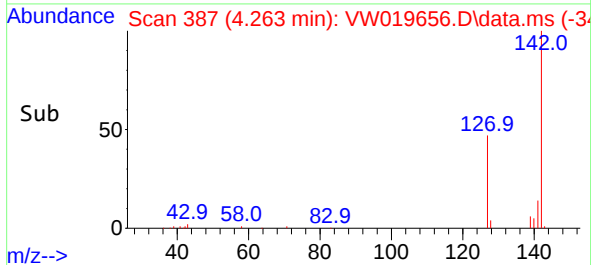
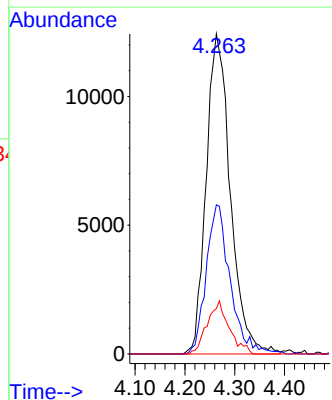
Tgt Ion:101 Resp: 34170  
Ion Ratio Lower Upper  
101 100  
85 45.9 35.4 53.0  
151 73.2 59.6 89.4



#10  
Methyl Iodide  
Concen: 5.377 ug/l  
RT: 4.263 min Scan# 387  
Delta R.T. -0.012 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion:142 Resp: 41792  
Ion Ratio Lower Upper  
142 100  
127 46.3 34.2 51.2  
141 15.1 11.9 17.9

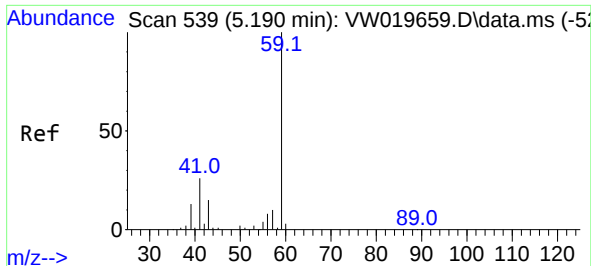


Instrument :  
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#11  
Tert butyl alcohol  
Concen: 24.583 ug/l m  
RT: 5.275 min Scan# 553  
Delta R.T. 0.110 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

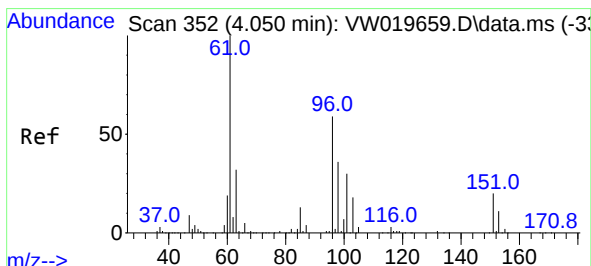
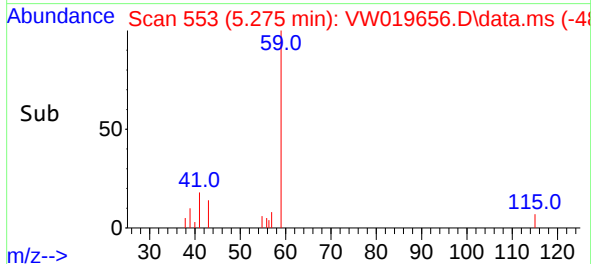
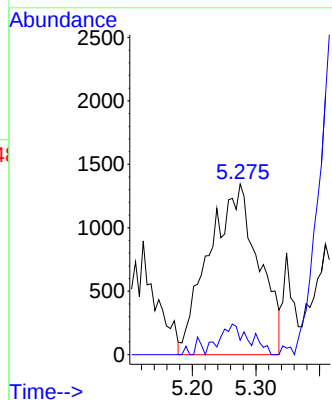
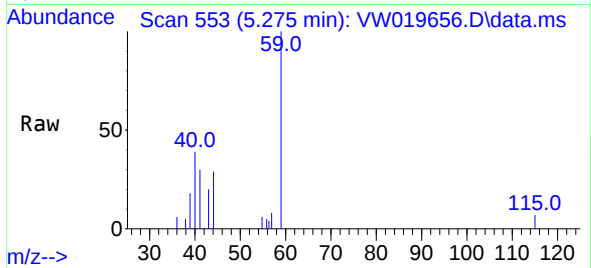
Tgt Ion: 59 Resp: 7262  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.0 12.0#

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

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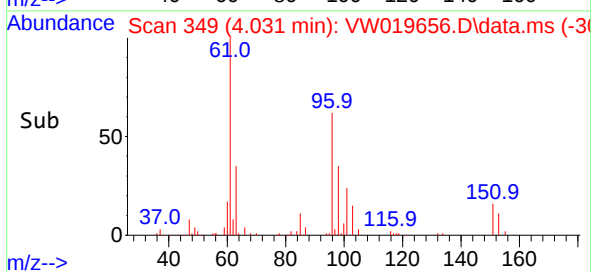
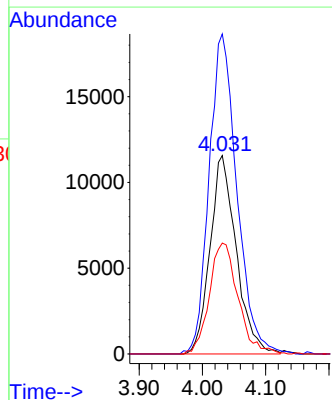
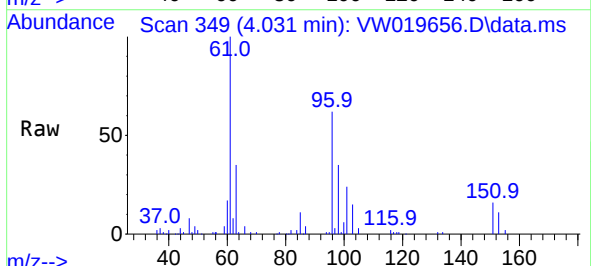
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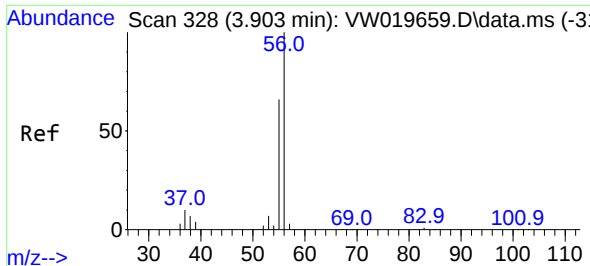
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#12  
1,1-Dichloroethene  
Concen: 5.595 ug/l  
RT: 4.031 min Scan# 349  
Delta R.T. -0.019 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 96 Resp: 33289  
Ion Ratio Lower Upper  
96 100  
61 161.3 131.0 196.6  
98 55.9 52.2 78.2





#13  
Acrolein  
Concen: 22.055 ug/l  
RT: 3.903 min Scan# 328  
Delta R.T. 0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

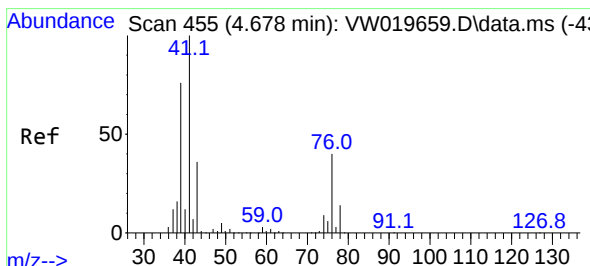
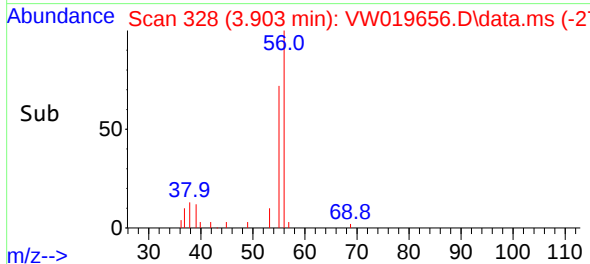
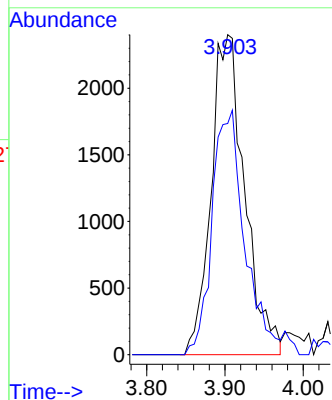
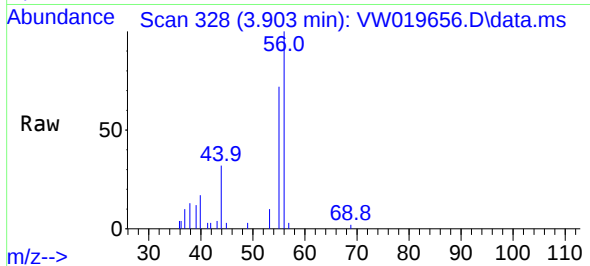
Tgt Ion: 56 Resp: 7144  
Ion Ratio Lower Upper  
56 100  
55 73.8 56.3 84.5

Instrument :  
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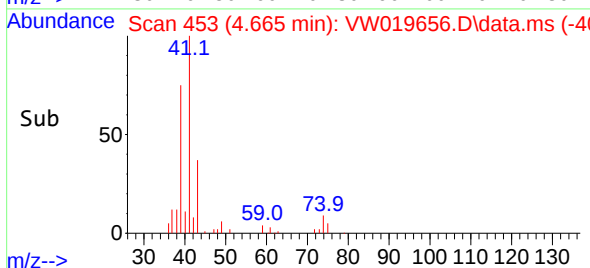
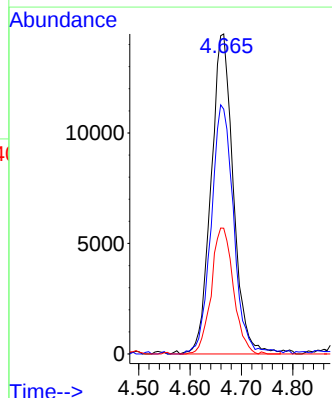
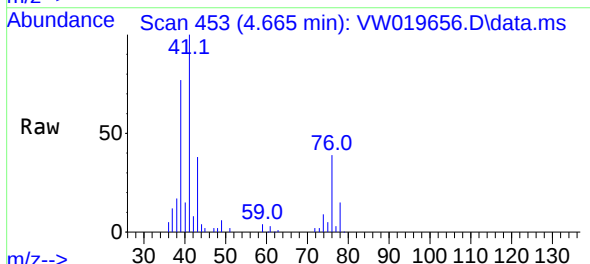
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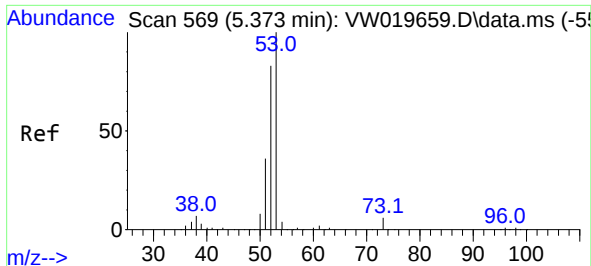
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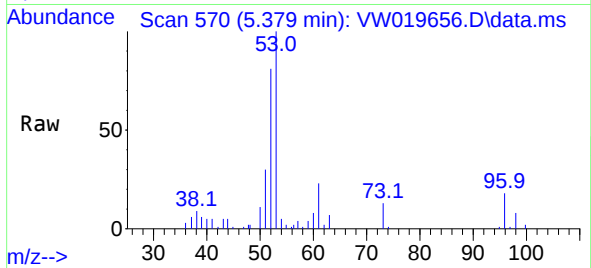
#14  
Allyl chloride  
Concen: 5.070 ug/l  
RT: 4.665 min Scan# 453  
Delta R.T. -0.013 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 41 Resp: 43526  
Ion Ratio Lower Upper  
41 100  
39 78.8 52.2 78.2#  
76 38.9 30.1 45.1



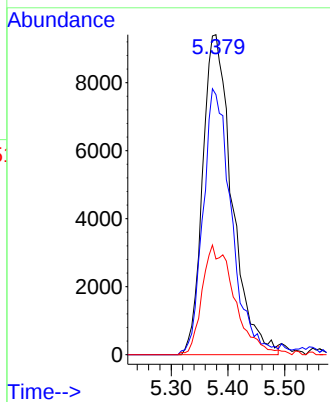
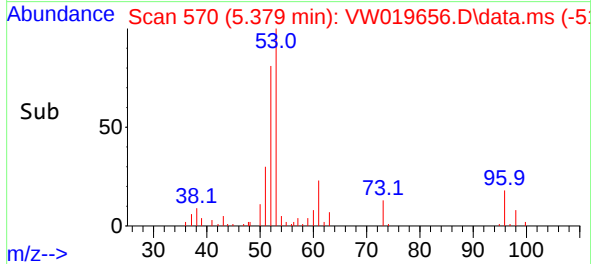


#15  
Acrylonitrile  
Concen: 25.211 ug/l  
RT: 5.379 min Scan# 570  
Delta R.T. 0.013 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 53 Resp: 33878

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 80.4  | 65.9  | 98.9  |
| 51  | 37.9  | 29.2  | 43.8  |

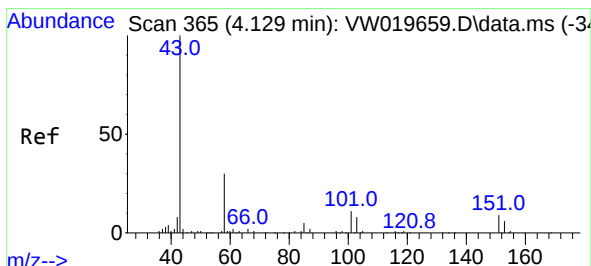


Instrument :  
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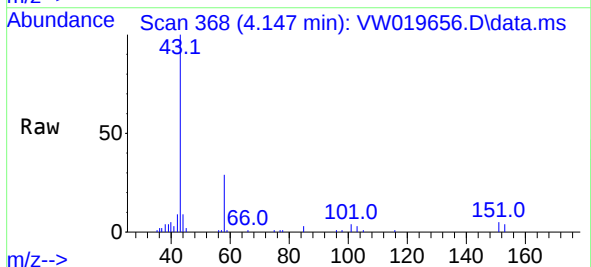
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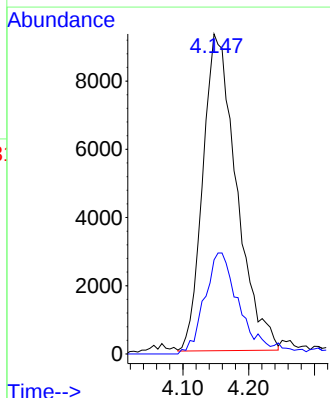
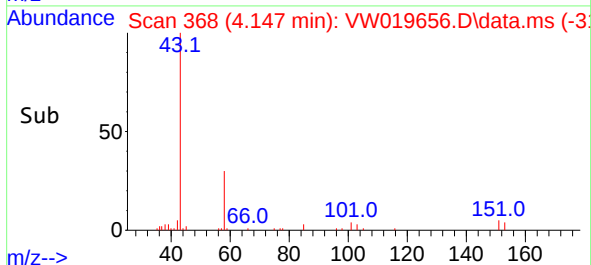


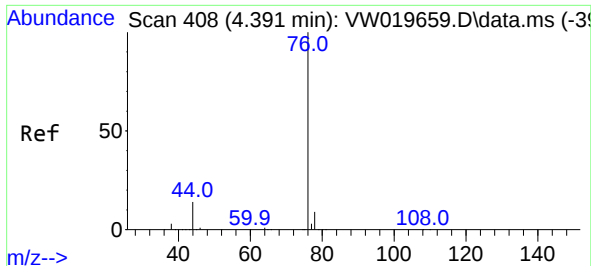
#16  
Acetone  
Concen: 29.413 ug/l  
RT: 4.147 min Scan# 368  
Delta R.T. 0.024 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 43 Resp: 33017

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.8  | 27.2  | 40.8  |





#17  
Carbon Disulfide  
Concen: 5.310 ug/l  
RT: 4.373 min Scan# 405  
Delta R.T. -0.018 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

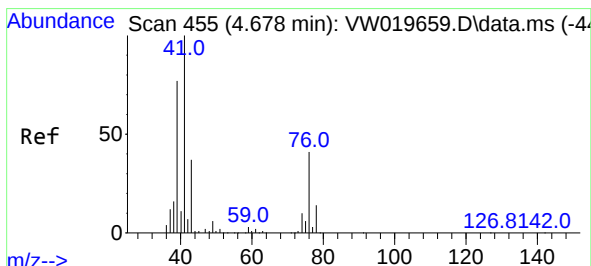
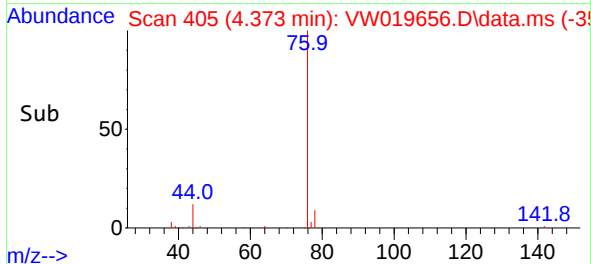
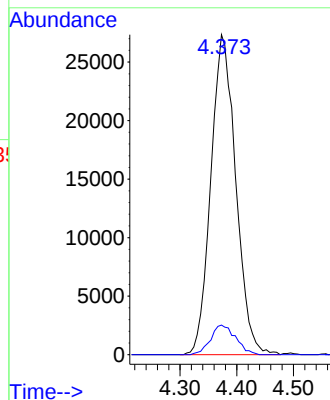
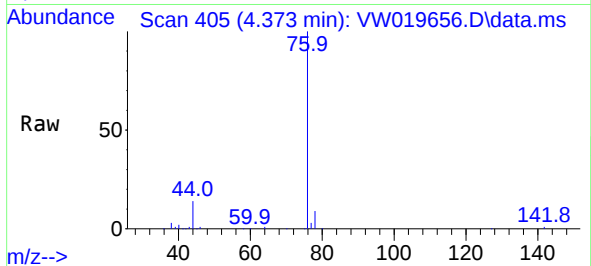
Tgt Ion: 76 Resp: 83561  
Ion Ratio Lower Upper  
76 100  
78 9.2 6.8 10.2

Instrument :  
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ClientSampleId :  
VSTDIC005

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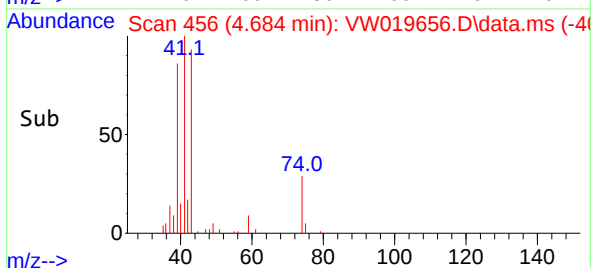
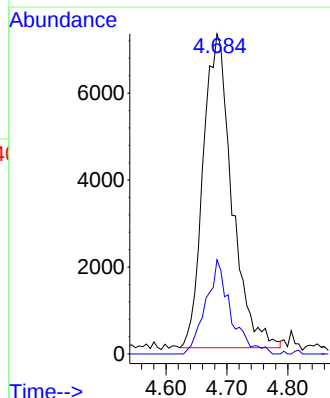
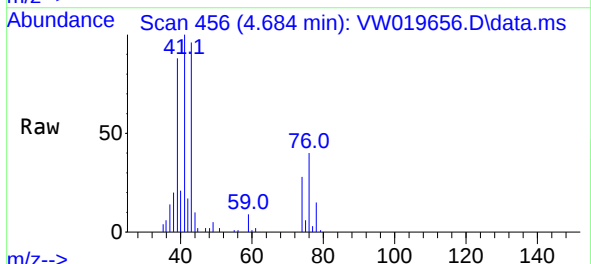
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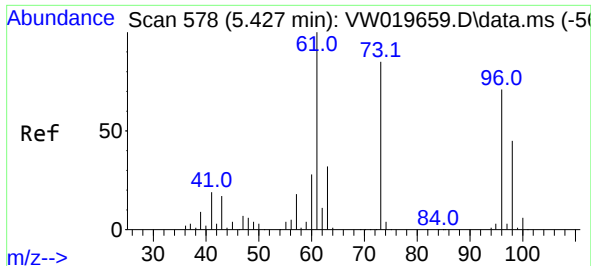
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#18  
Methyl Acetate  
Concen: 7.100 ug/l  
RT: 4.684 min Scan# 456  
Delta R.T. 0.012 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 43 Resp: 23728  
Ion Ratio Lower Upper  
43 100  
74 25.9 20.1 30.1





#19  
Methyl tert-butyl Ether  
Concen: 4.845 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. 0.001 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

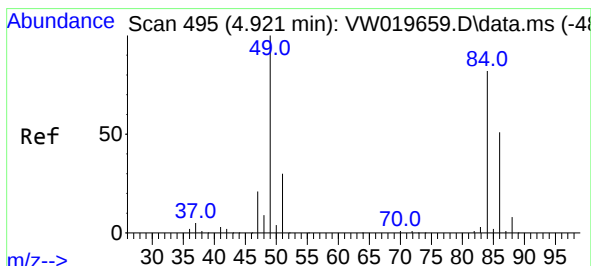
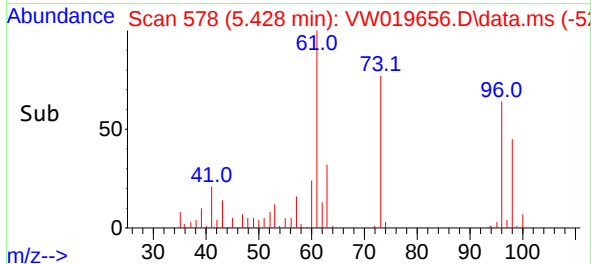
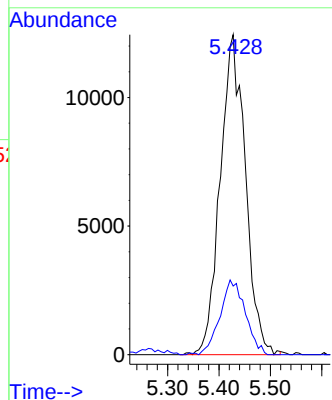
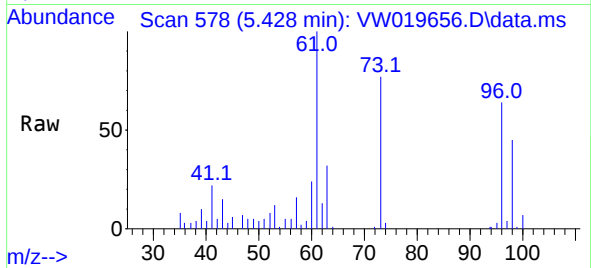
Tgt Ion: 73 Resp: 42393  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.4 26.0

Instrument :  
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ClientSampleId :  
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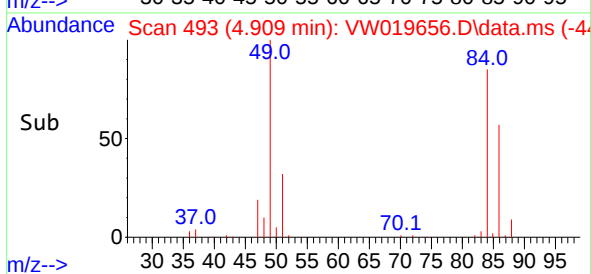
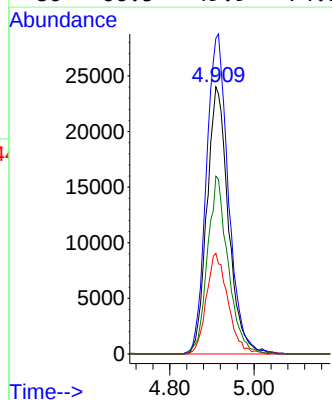
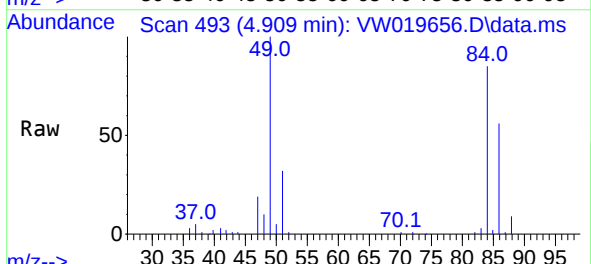
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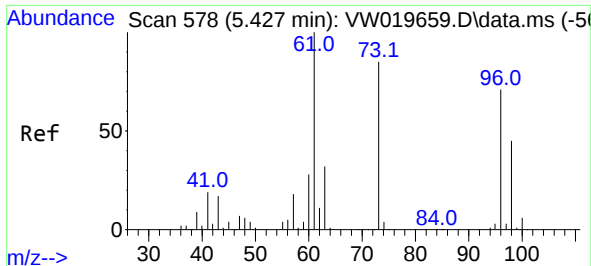
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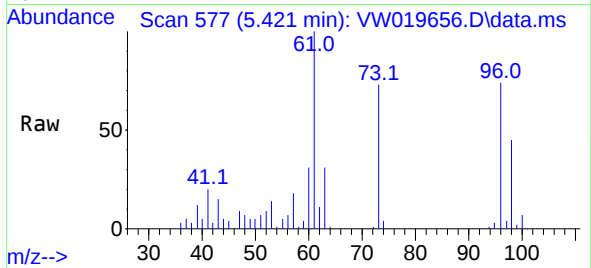
#20  
Methylene Chloride  
Concen: 8.734 ug/l  
RT: 4.909 min Scan# 493  
Delta R.T. -0.012 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 84 Resp: 84894  
Ion Ratio Lower Upper  
84 100  
49 118.2 97.2 145.8  
51 37.7 30.1 45.1  
86 66.5 49.9 74.9



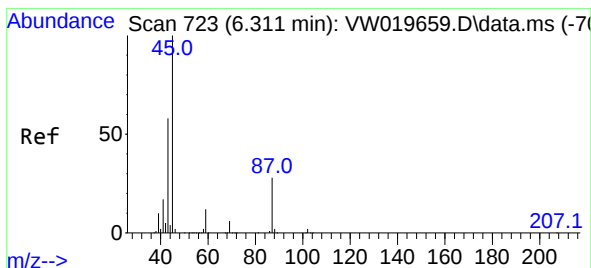
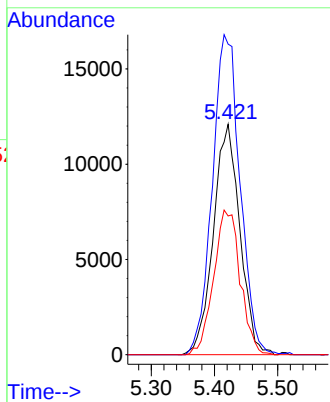
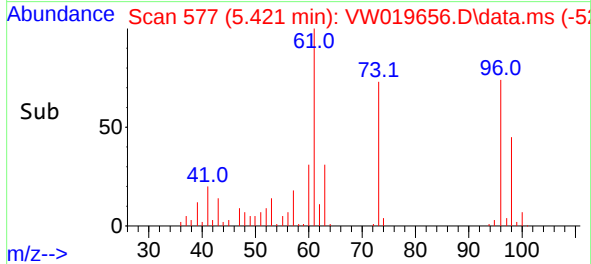


#21  
trans-1,2-Dichloroethene  
Concen: 5.339 ug/l  
RT: 5.421 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

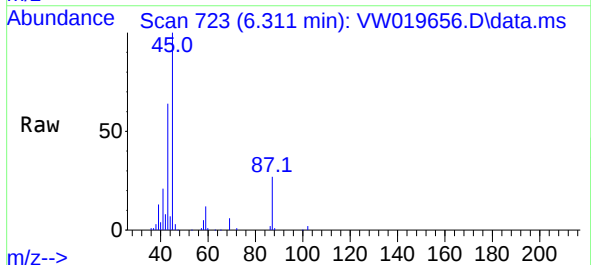


Tgt Ion: 96 Resp: 35199

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 134.8 | 110.3 | 165.5 |
| 98  | 60.2  | 49.1  | 73.7  |

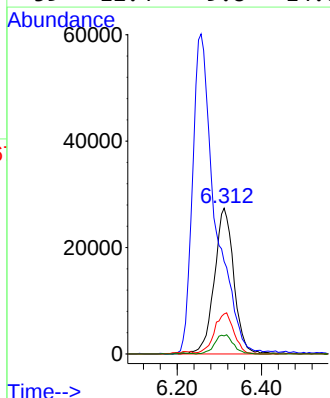
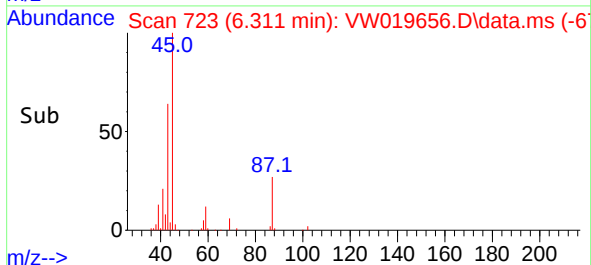


#22  
Diisopropyl ether  
Concen: 4.800 ug/l  
RT: 6.311 min Scan# 723  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 45 Resp: 87764

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 62.5  | 42.0  | 63.0  |
| 87  | 27.5  | 23.0  | 34.6  |
| 59  | 12.4  | 9.8   | 14.6  |

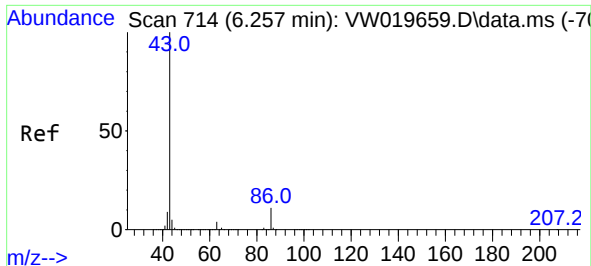


Instrument :  
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ClientSampleId :  
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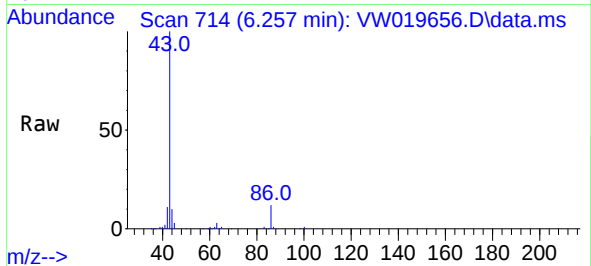
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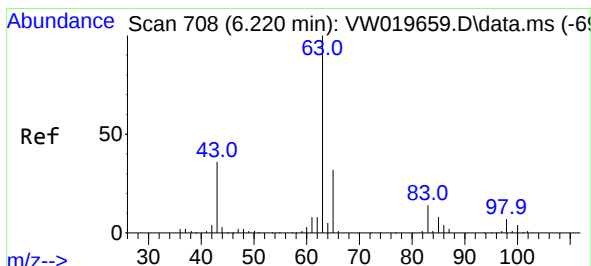
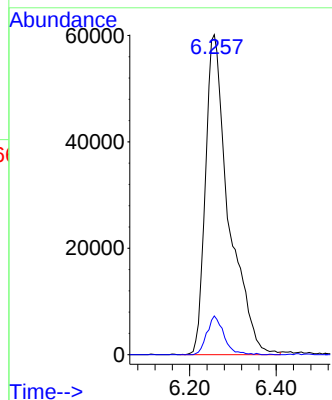
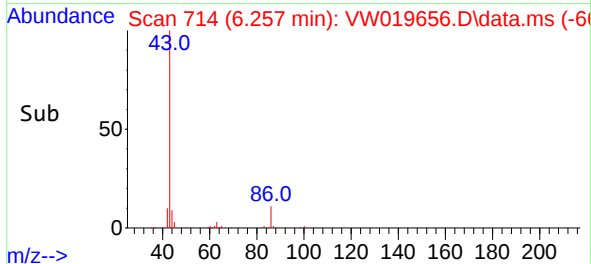


#23  
 Vinyl Acetate  
 Concen: 21.099 ug/l  
 RT: 6.257 min Scan# 714  
 Delta R.T. -0.000 min  
 Lab File: VW019656.D  
 Acq: 03 Aug 2021 13:12

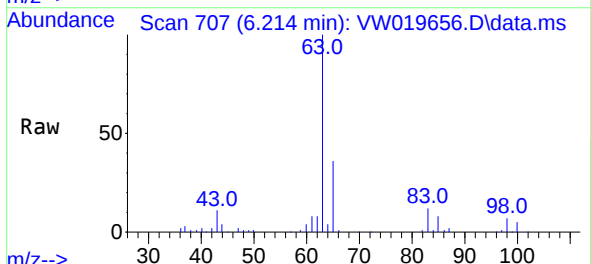
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005



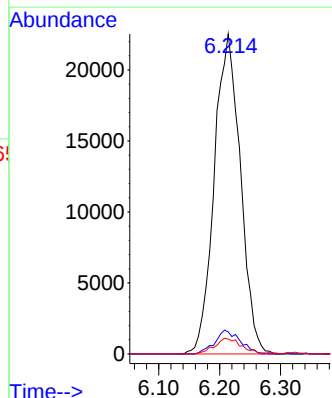
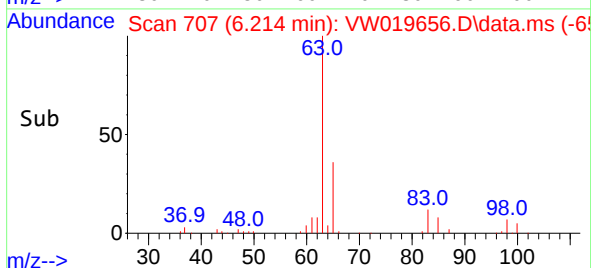
Tgt Ion: 43 Resp: 224970  
 Ion Ratio Lower Upper  
 43 100  
 86 12.1 9.1 13.7

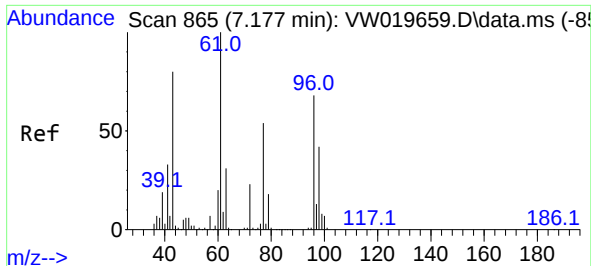


#24  
 1,1-Dichloroethane  
 Concen: 5.322 ug/l  
 RT: 6.214 min Scan# 707  
 Delta R.T. -0.006 min  
 Lab File: VW019656.D  
 Acq: 03 Aug 2021 13:12

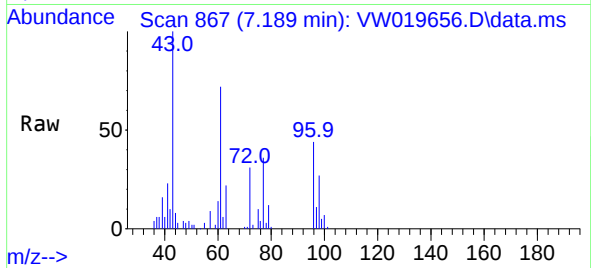


Tgt Ion: 63 Resp: 67154  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.5 10.4  
 100 4.7 2.2 6.6

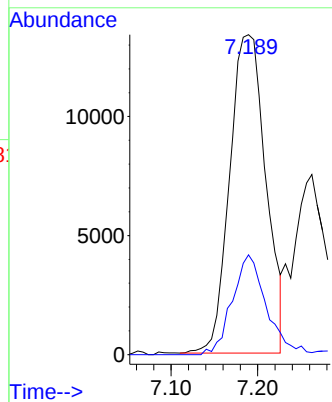
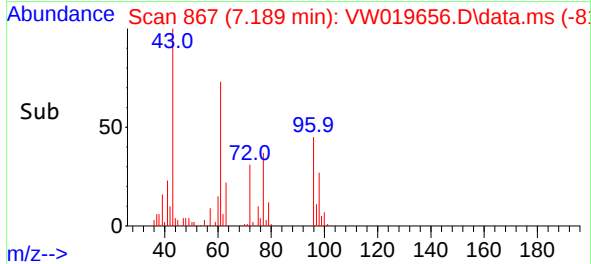




#25  
2-Butanone  
Concen: 23.903 ug/l  
RT: 7.189 min Scan# 867  
Delta R.T. 0.018 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 43 Resp: 38800  
Ion Ratio Lower Upper  
43 100  
72 31.3 21.4 32.0

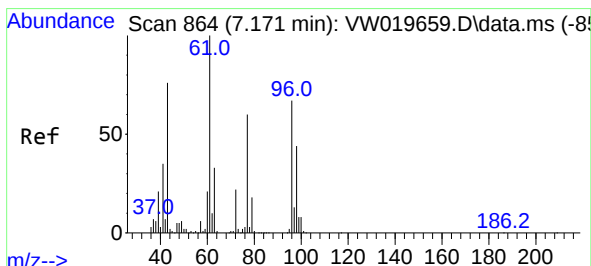


Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC005

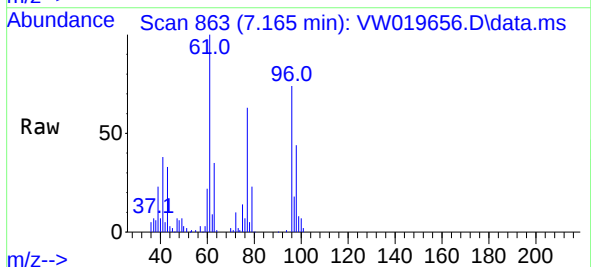
Manual Integrations  
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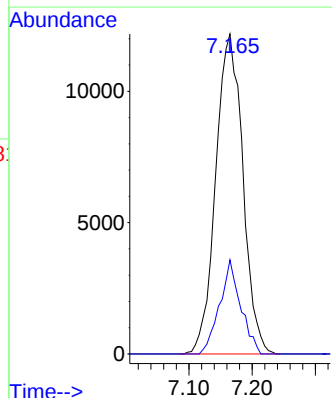
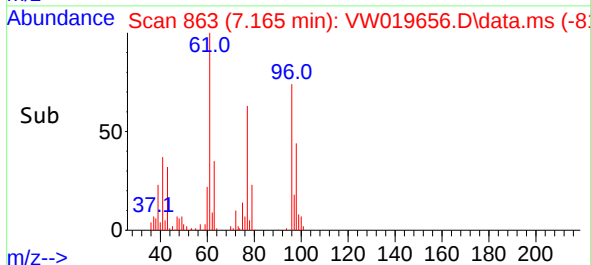
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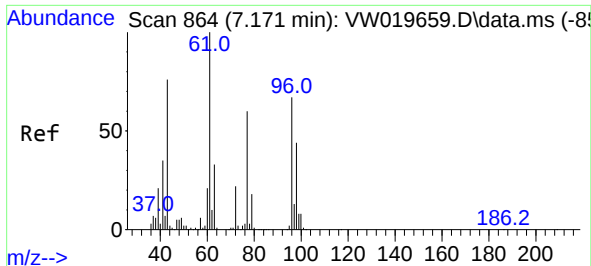


#26  
2,2-Dichloropropane  
Concen: 5.170 ug/l  
RT: 7.165 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 77 Resp: 36207  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.4 34.2





#27  
cis-1,2-Dichloroethene  
Concen: 5.056 ug/l  
RT: 7.165 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

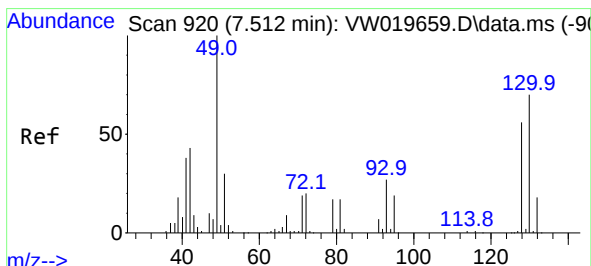
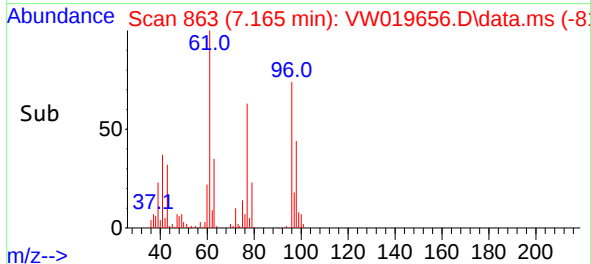
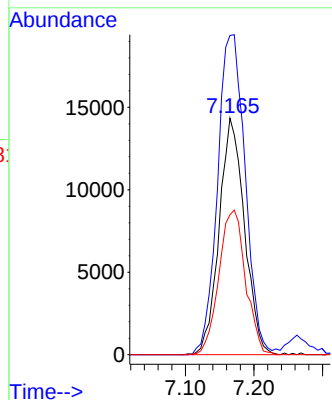
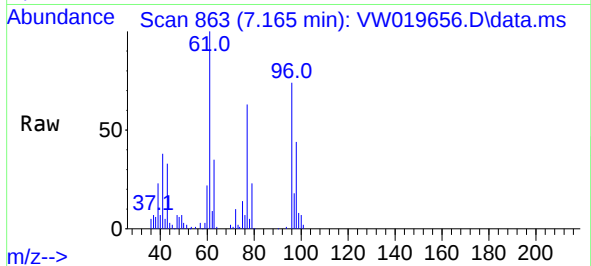
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 36747 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 147.5 | 0.0   | 289.6 |
| 98       | 64.5  | 0.0   | 127.4 |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

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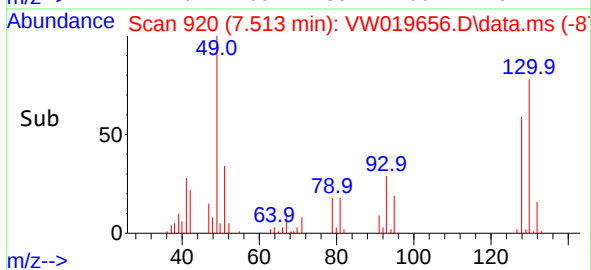
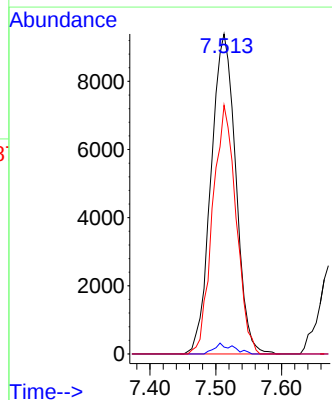
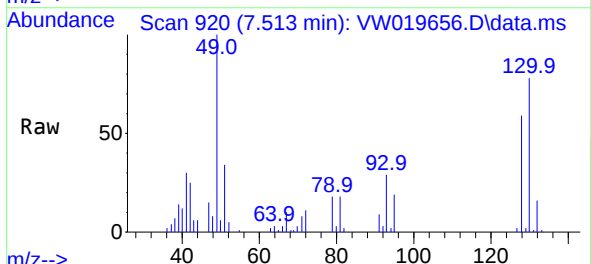
MMDadoda

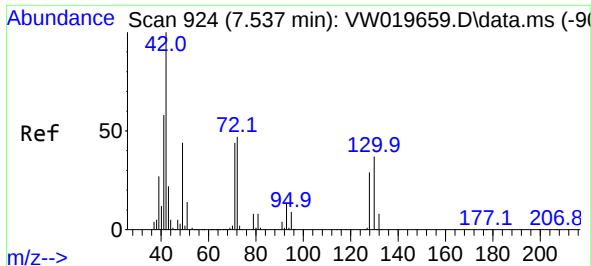
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#28  
Bromochloromethane  
Concen: 4.936 ug/l  
RT: 7.513 min Scan# 920  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 24544 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.5   | 0.0   | 3.4   |
| 130      | 73.7  | 59.8  | 89.6  |





#29

Tetrahydrofuran

Concen: 24.597 ug/l

RT: 7.543 min Scan# 925

Delta R.T. 0.012 min

Lab File: VW019656.D

Acq: 03 Aug 2021 13:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 25599 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 42.6  | 35.8  | 53.8  |
| 71       | 40.2  | 33.4  | 50.2  |

Instrument :

MSVOA\_W

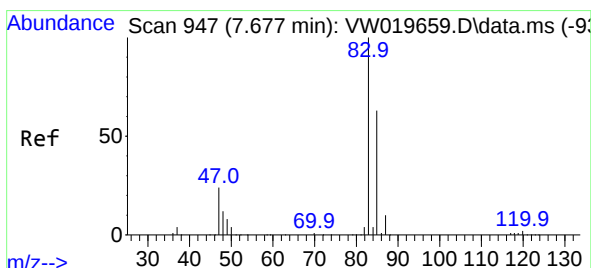
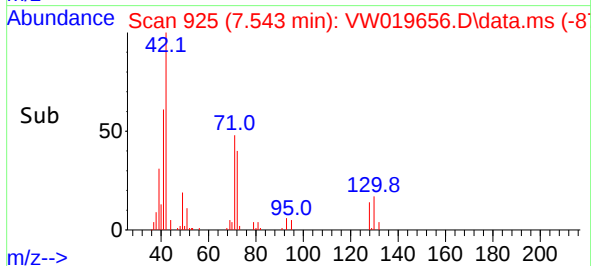
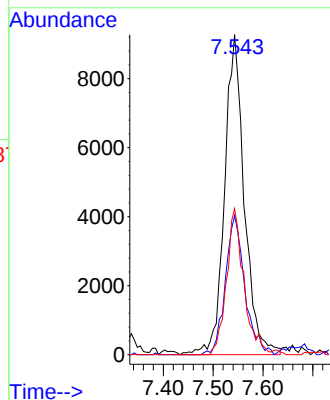
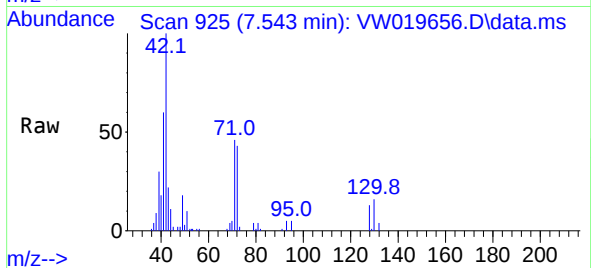
ClientSampleId :

VSTDIC005

Manual Integrations  
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#30

Chloroform

Concen: 5.413 ug/l

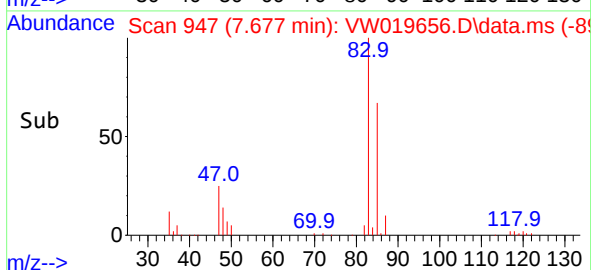
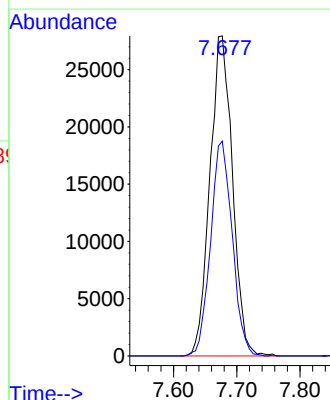
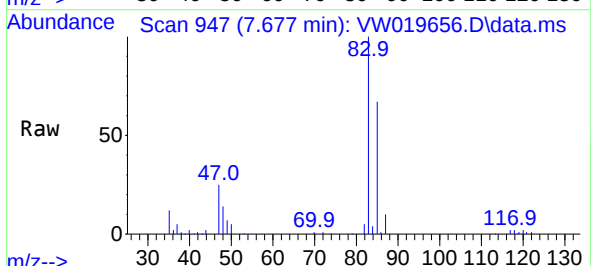
RT: 7.677 min Scan# 947

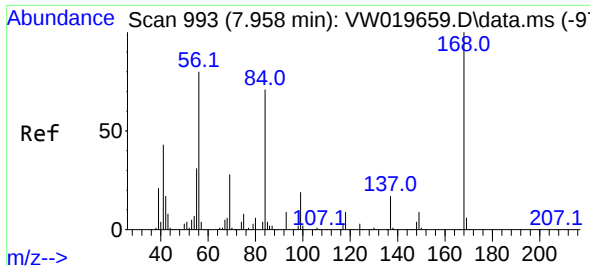
Delta R.T. 0.000 min

Lab File: VW019656.D

Acq: 03 Aug 2021 13:12

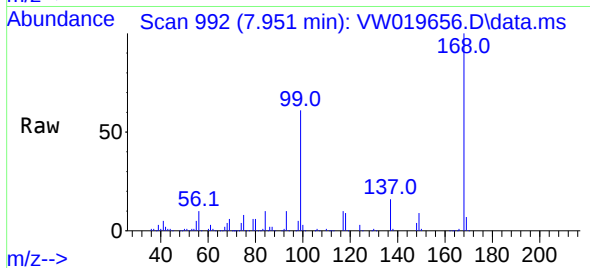
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 69318 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 67.2  | 52.1  | 78.1  |





#31  
Cyclohexane  
Concen: 6.151 ug/l  
RT: 7.951 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

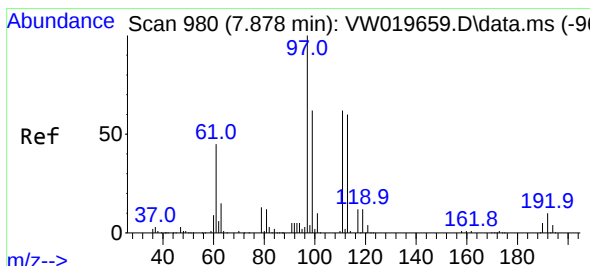
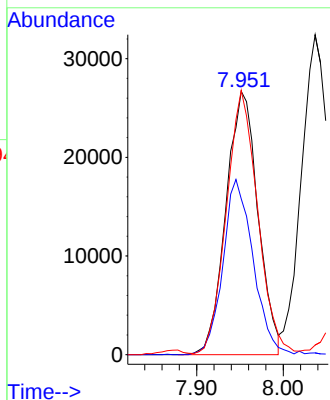
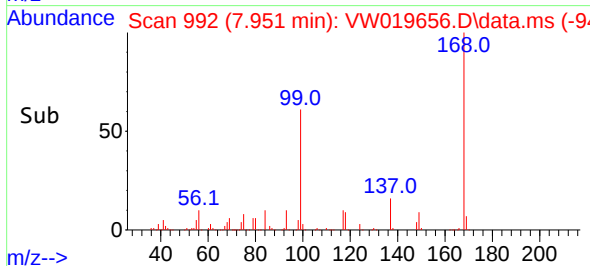


Tgt Ion: 56 Resp: 68463  
Ion Ratio Lower Upper  
56 100  
69 59.2 28.3 42.5#  
84 98.6 68.1 102.1

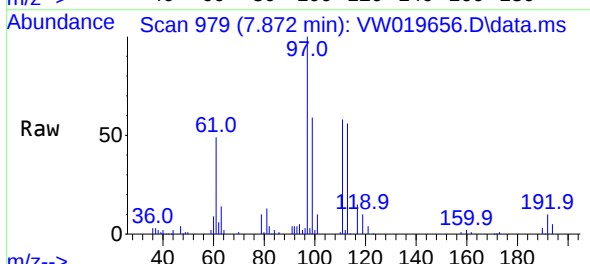
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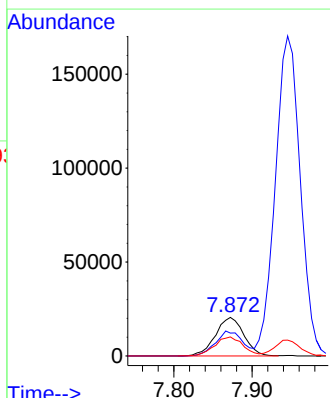
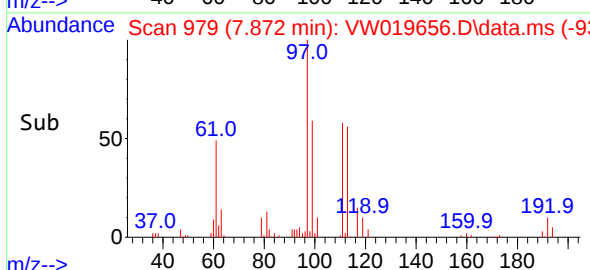
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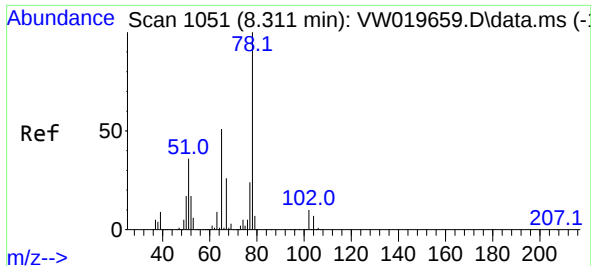


#32  
1,1,1-Trichloroethane  
Concen: 5.214 ug/l  
RT: 7.872 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

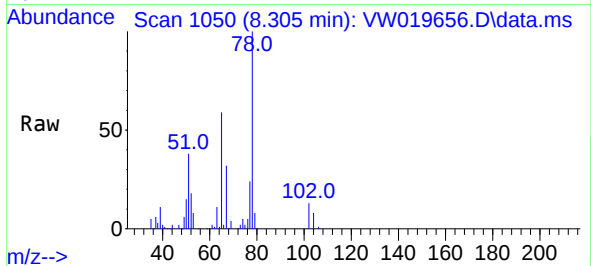


Tgt Ion: 97 Resp: 51832  
Ion Ratio Lower Upper  
97 100  
99 63.1 52.0 78.0  
61 49.5 36.5 54.7

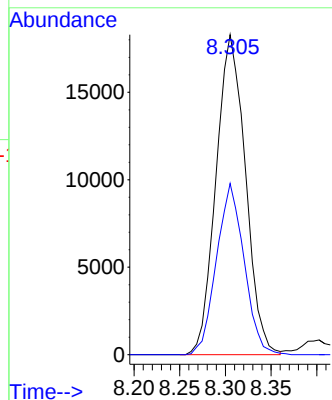




#33  
1,2-Dichloroethane-d4  
Concen: 5.392 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 65 Resp: 40963  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 107.8

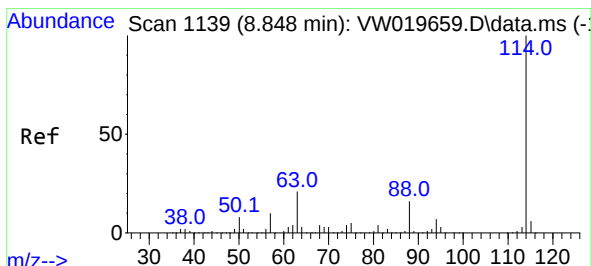
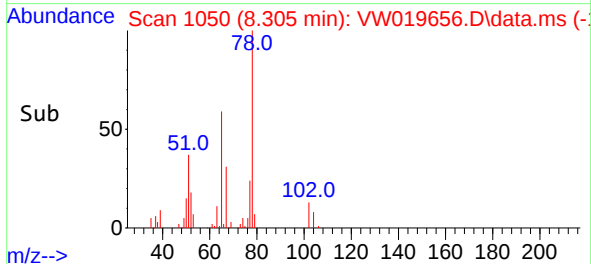


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

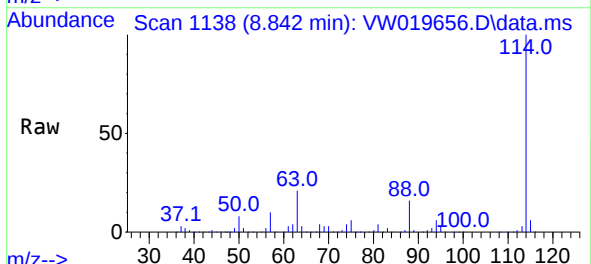
Manual Integrations  
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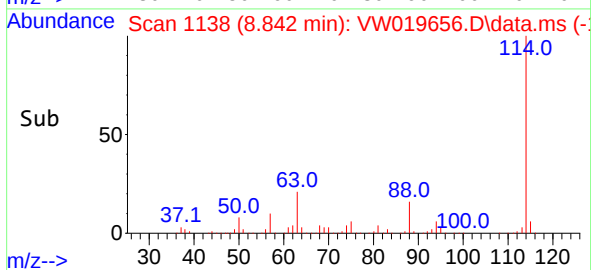
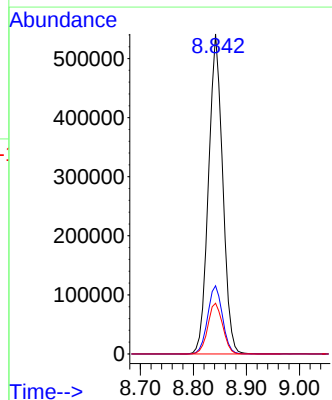
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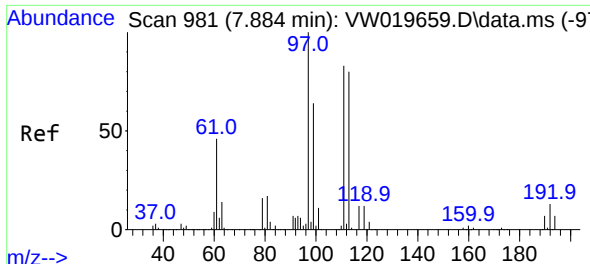


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. 0.001 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

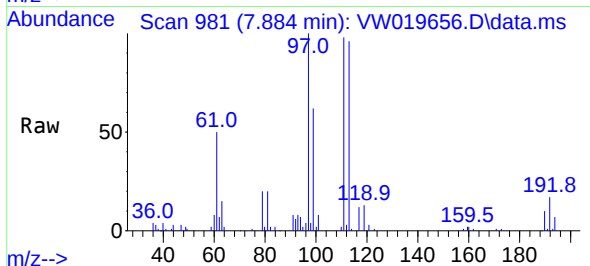


Tgt Ion: 114 Resp: 1004072  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 43.8  
88 15.9 0.0 33.4



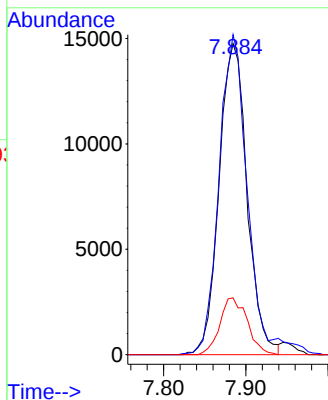
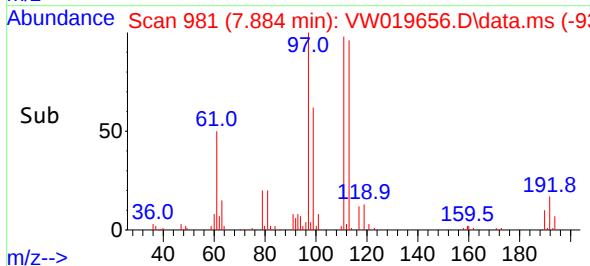


#35  
Dibromofluoromethane  
Concen: 5.268 ug/l  
RT: 7.884 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 113 Resp: 34965

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 105.5 | 83.8  | 125.6 |
| 192 | 17.9  | 15.4  | 23.2  |

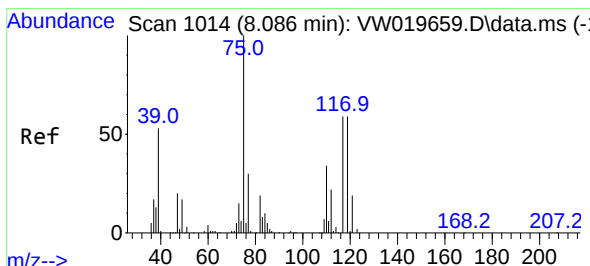


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

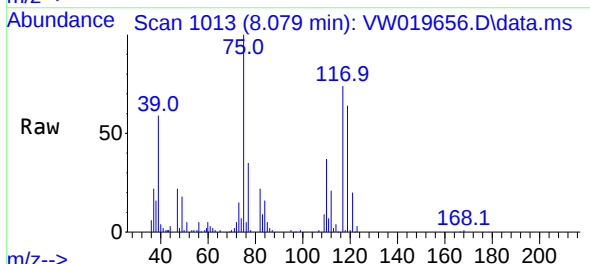
Manual Integrations  
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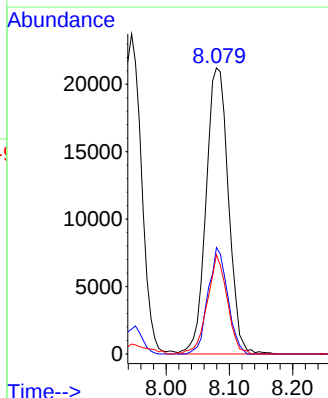
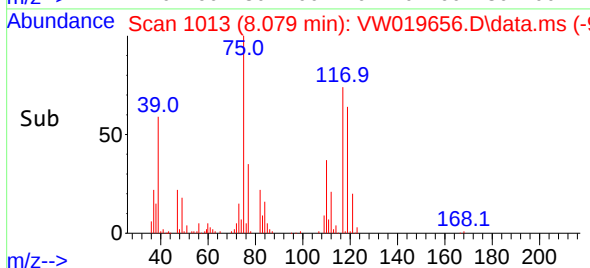


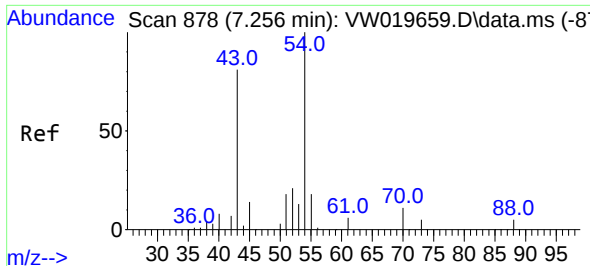
#36  
1,1-Dichloropropene  
Concen: 5.295 ug/l  
RT: 8.079 min Scan# 1013  
Delta R.T. -0.007 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



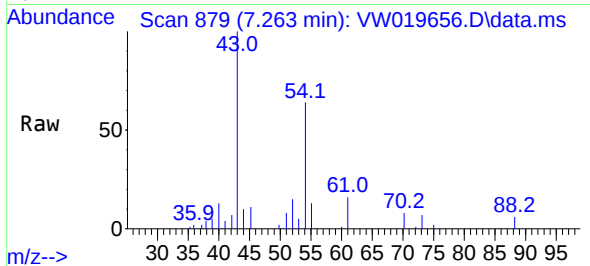
Tgt Ion: 75 Resp: 52099

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 32.5  | 16.6  | 49.7  |
| 77  | 30.8  | 25.1  | 37.7  |



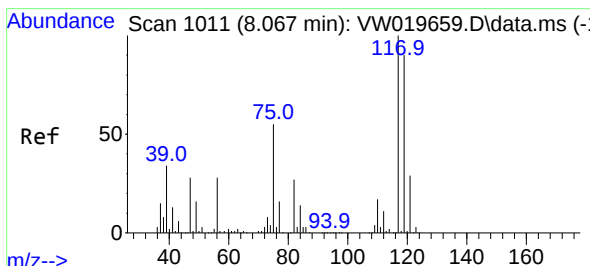
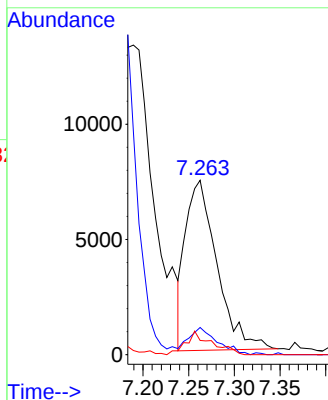
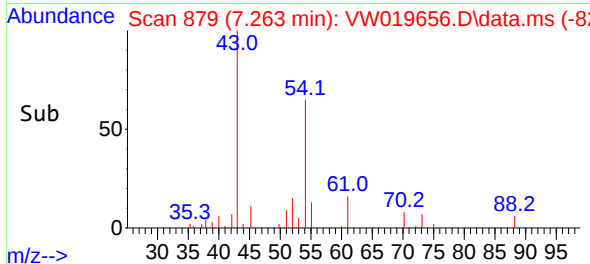


#37  
Ethyl Acetate  
Concen: 4.623 ug/l  
RT: 7.263 min Scan# 879  
Delta R.T. 0.013 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

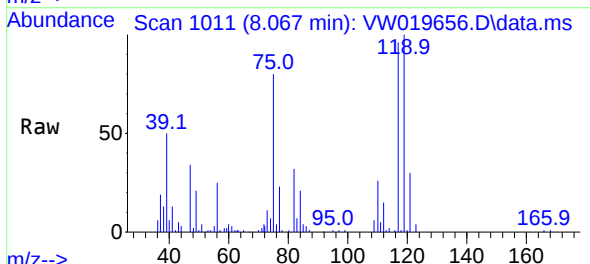


Tgt Ion: 43 Resp: 17642

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.6  | 11.5  | 17.3  |
| 70  | 11.4  | 9.4   | 14.0  |

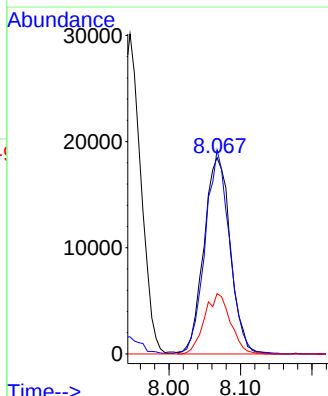
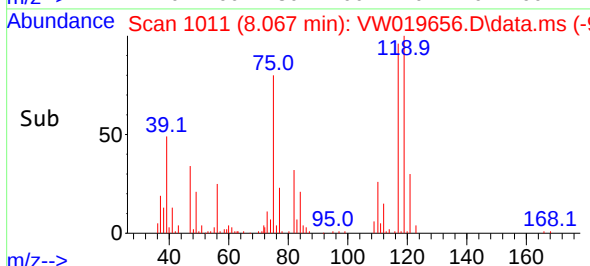


#38  
Carbon Tetrachloride  
Concen: 5.241 ug/l  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 117 Resp: 47771

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 103.4 | 76.7  | 115.1 |
| 121 | 30.7  | 24.8  | 37.2  |

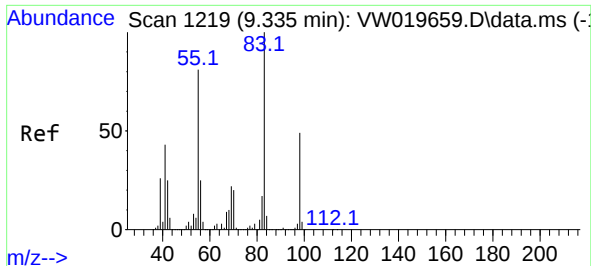


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

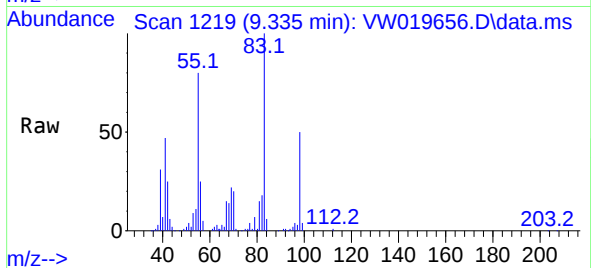
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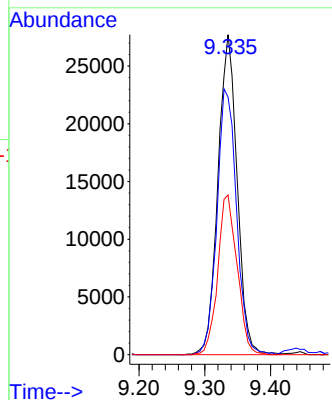


#39  
Methylcyclohexane  
Concen: 4.974 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 83 Resp: 56214

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 80.5  | 64.9  | 97.3  |
| 98  | 49.9  | 38.1  | 57.1  |

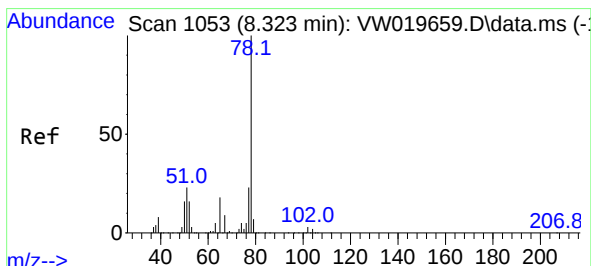


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

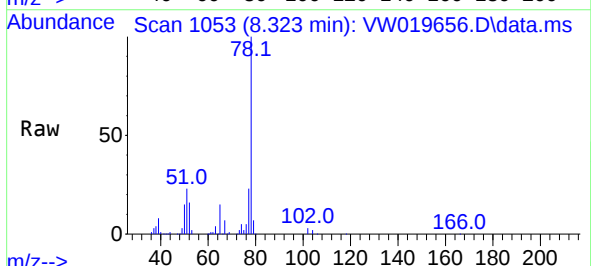
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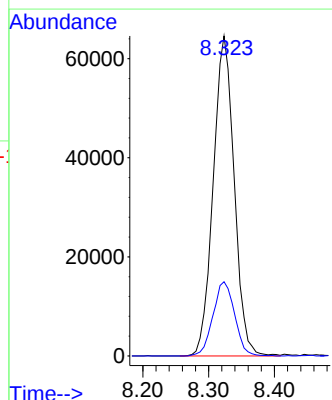
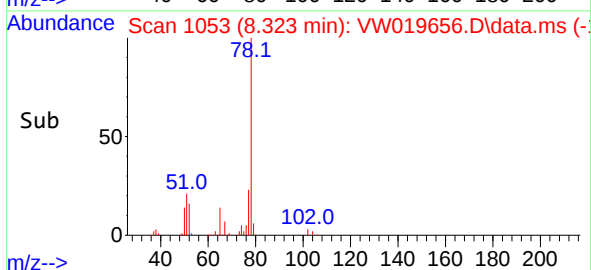


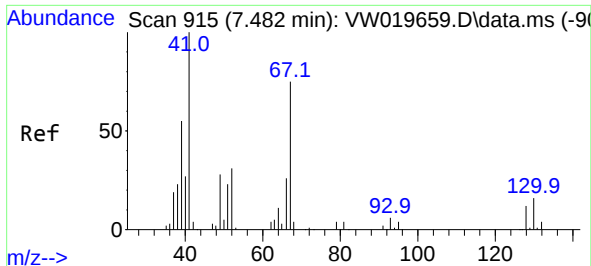
#40  
Benzene  
Concen: 5.283 ug/l  
RT: 8.323 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



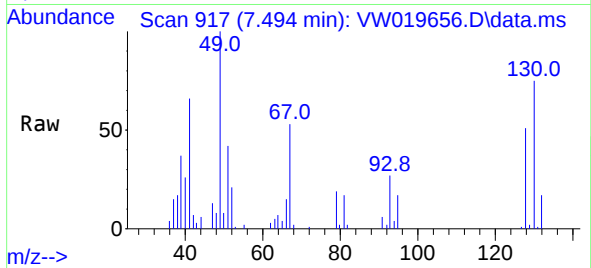
Tgt Ion: 78 Resp: 143165

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.2  | 19.2  | 28.8  |

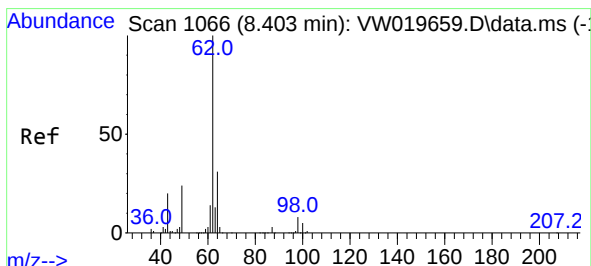
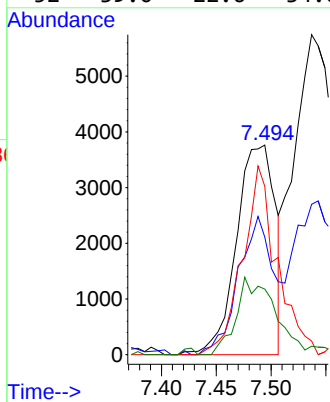
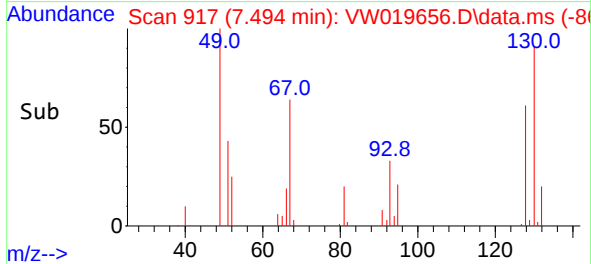




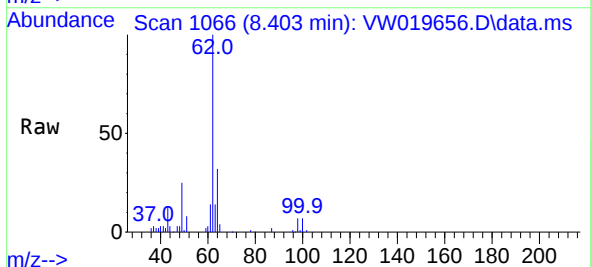
#41  
Methacrylonitrile  
Concen: 4.297 ug/l  
RT: 7.494 min Scan# 917  
Delta R.T. 0.012 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



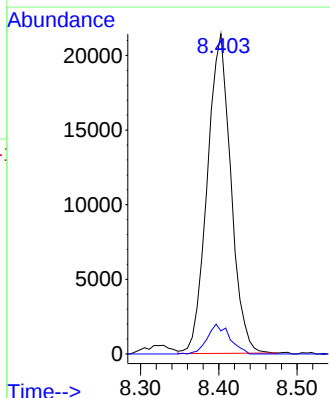
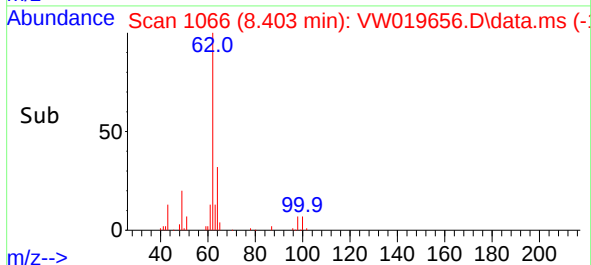
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 9241  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 62.9  | 41.6  | 62.4# |
| 67       | 80.0  | 55.3  | 82.9  |
| 52       | 39.0  | 22.6  | 34.0# |



#42  
1,2-Dichloroethane  
Concen: 5.280 ug/l  
RT: 8.403 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 44786 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.9   | 0.0   | 18.4  |

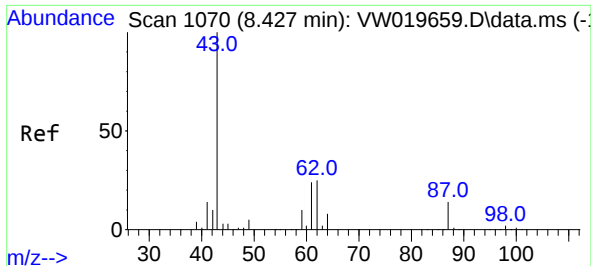


Instrument :  
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#43  
Isopropyl Acetate  
Concen: 4.531 ug/l  
RT: 8.427 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

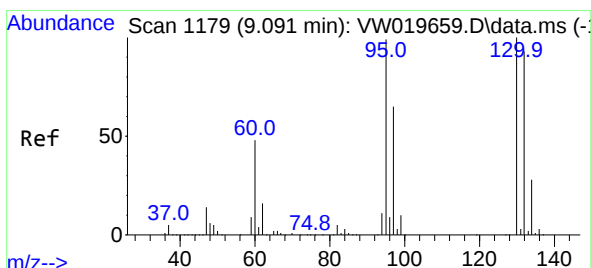
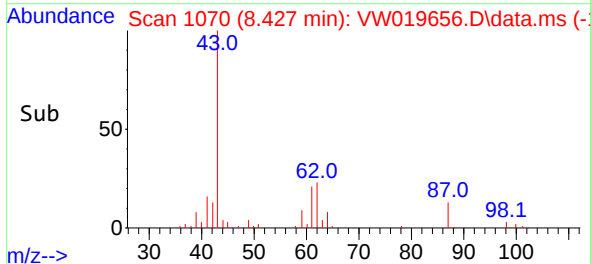
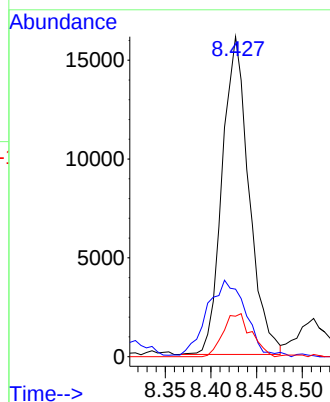
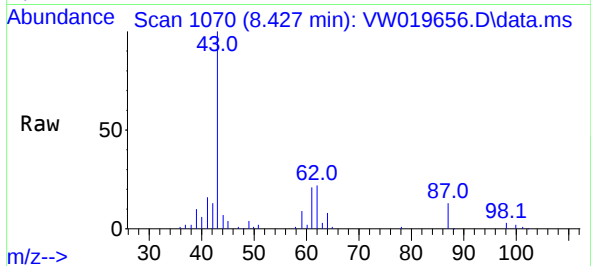
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 32796 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 35.0  | 26.2  | 39.4  |
| 87       | 14.3  | 11.0  | 16.6  |

Instrument :  
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ClientSampleId :  
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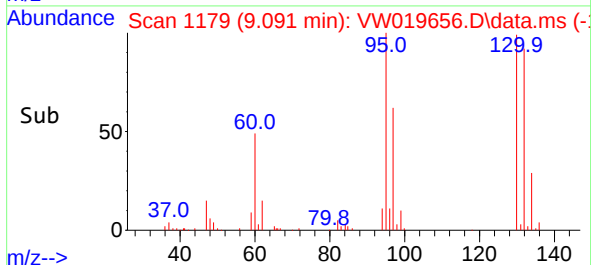
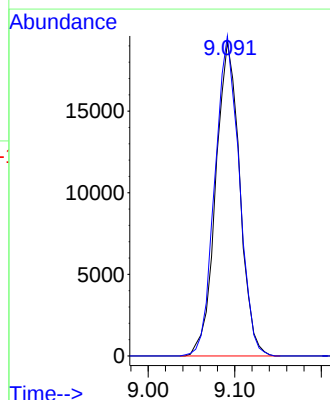
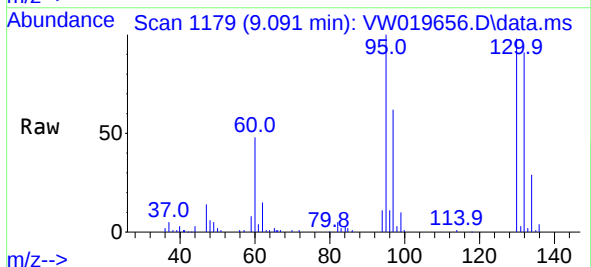
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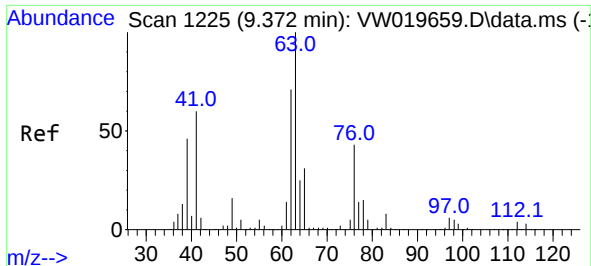
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#44  
Trichloroethene  
Concen: 5.313 ug/l  
RT: 9.091 min Scan# 1179  
Delta R.T. -0.007 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 37035 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 101.9 | 0.0   | 194.6 |





#45  
1,2-Dichloropropane  
Concen: 5.287 ug/l  
RT: 9.366 min Scan# 1224  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

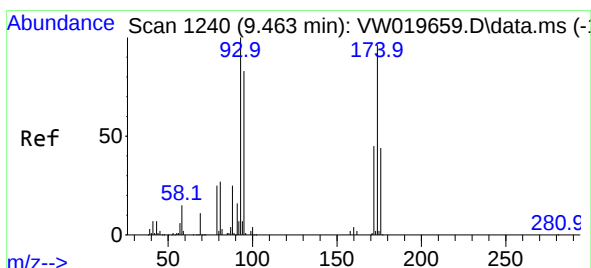
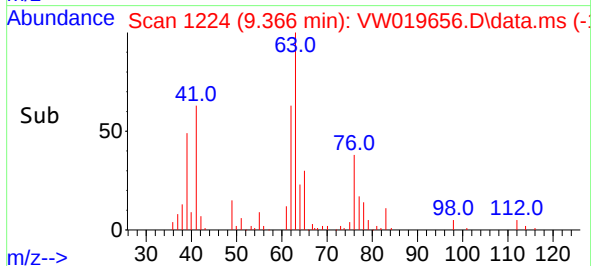
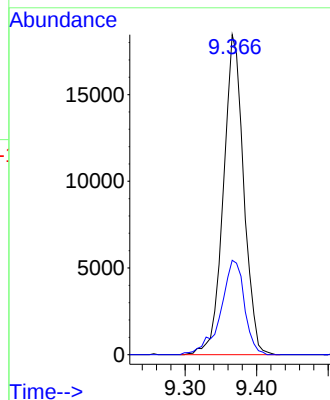
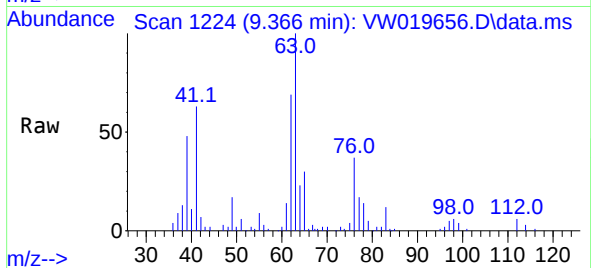
Tgt Ion: 63 Resp: 36286  
Ion Ratio Lower Upper  
63 100  
65 29.5 25.3 37.9

Instrument :  
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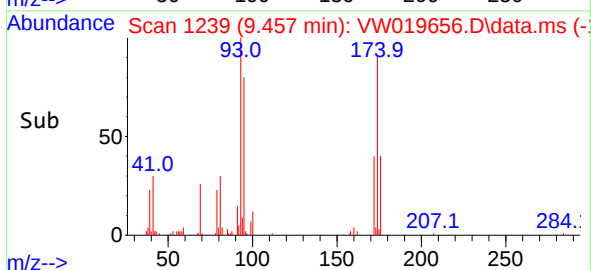
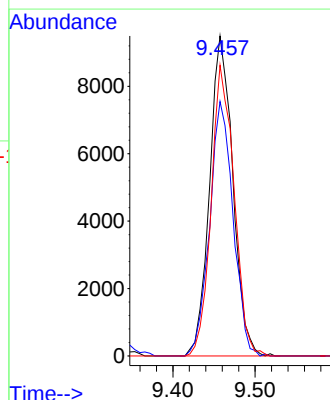
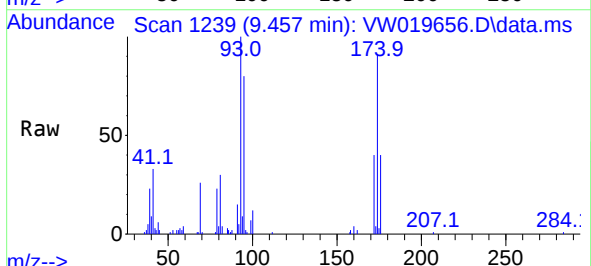
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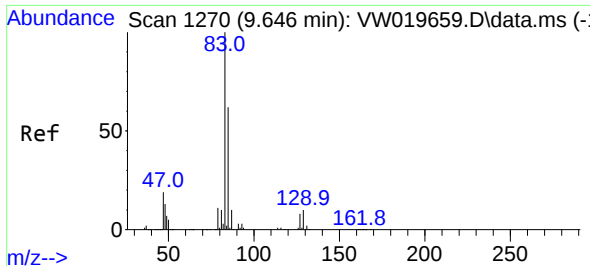
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#46  
Dibromomethane  
Concen: 5.136 ug/l  
RT: 9.457 min Scan# 1239  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 93 Resp: 18644  
Ion Ratio Lower Upper  
93 100  
95 80.3 66.0 99.0  
174 89.4 75.0 112.6





#47  
Bromodichloromethane  
Concen: 4.925 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

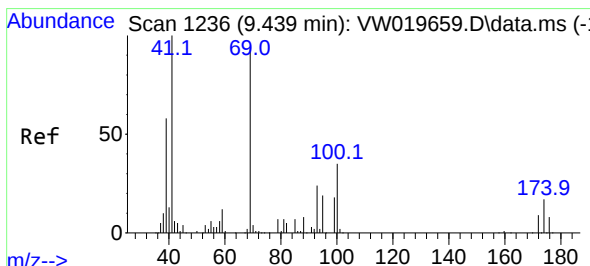
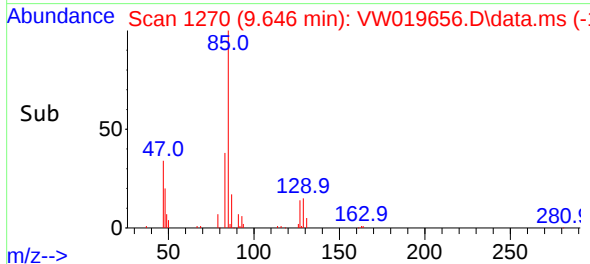
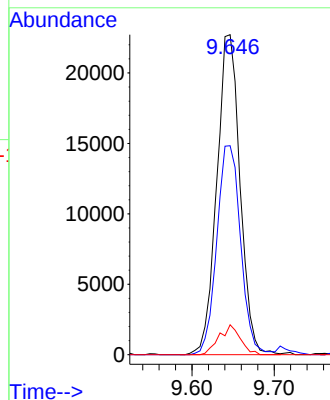
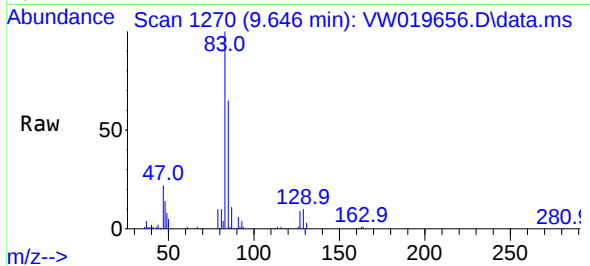
Tgt Ion: 83 Resp: 44647  
Ion Ratio Lower Upper  
83 100  
85 65.3 49.9 74.9  
127 9.4 6.2 9.4#

Instrument :  
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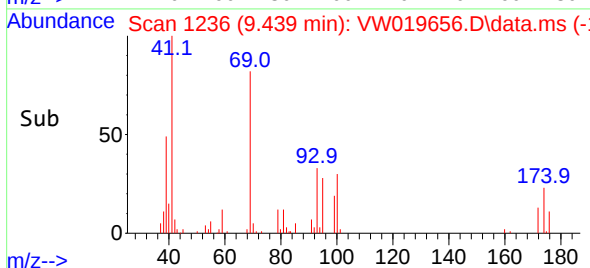
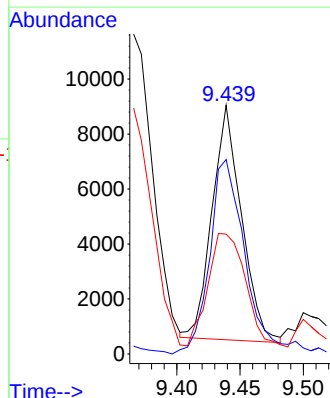
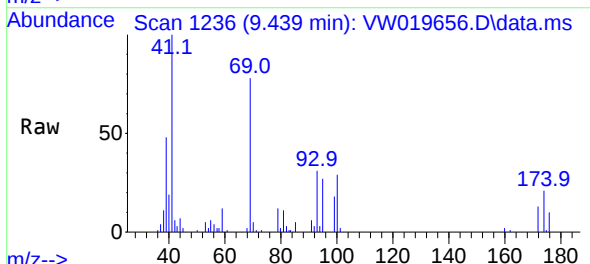
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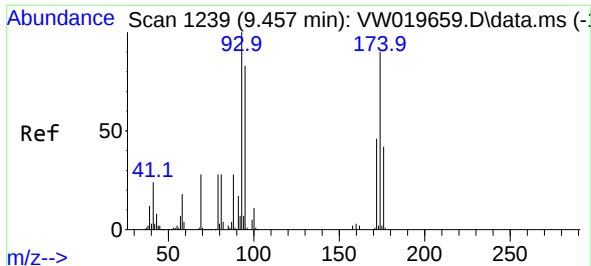
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#48  
Methyl methacrylate  
Concen: 4.283 ug/l  
RT: 9.439 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 41 Resp: 13778  
Ion Ratio Lower Upper  
41 100  
69 101.2 74.5 111.7  
39 67.7 41.1 61.7#





#49  
1,4-Dioxane  
Concen: 92.707 ug/l  
RT: 9.512 min Scan# 1248  
Delta R.T. 0.067 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

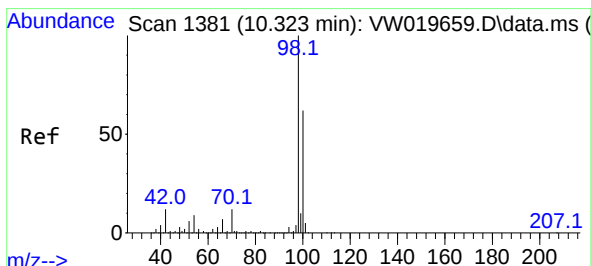
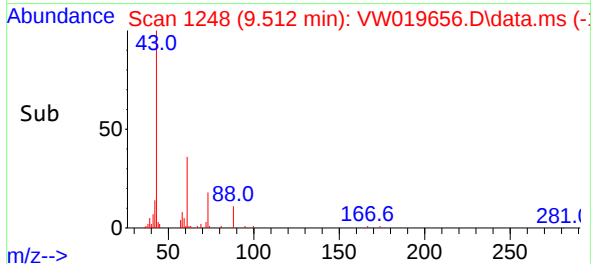
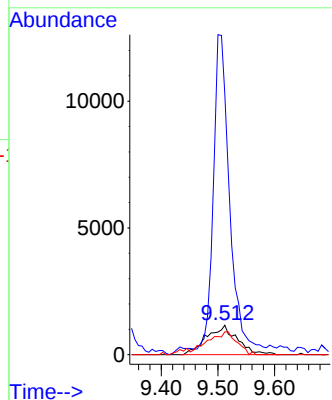
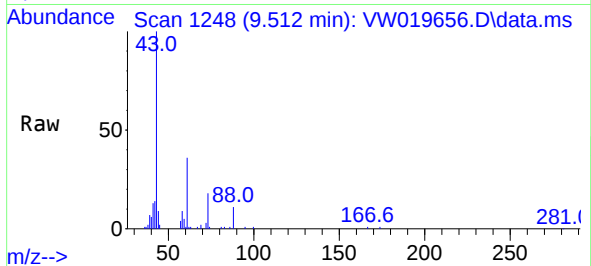
Tgt Ion: 88 Resp: 4380  
Ion Ratio Lower Upper  
88 100  
43 561.6 0.0 0.0#  
58 72.9 61.8 92.6

Instrument :  
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ClientSampleId :  
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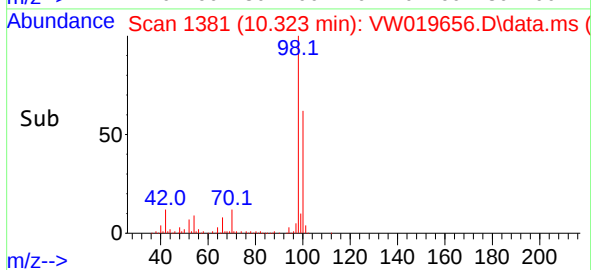
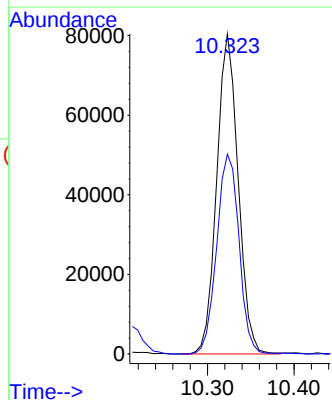
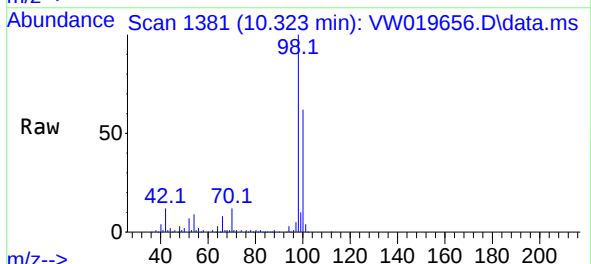
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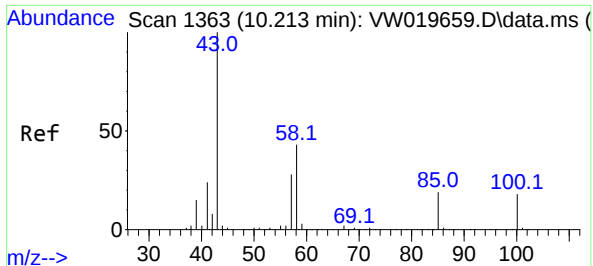
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#50  
Toluene-d8  
Concen: 5.326 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 98 Resp: 138145  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.2 78.4





#51  
4-Methyl-2-Pentanone  
Concen: 22.778 ug/l  
RT: 10.213 min Scan# 1363  
Delta R.T. 0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

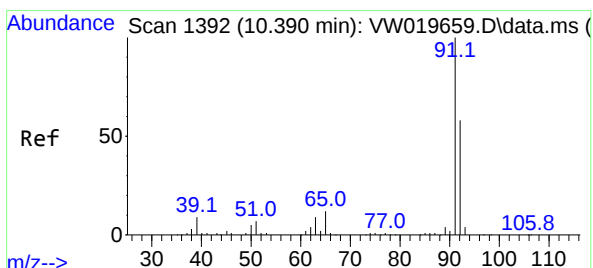
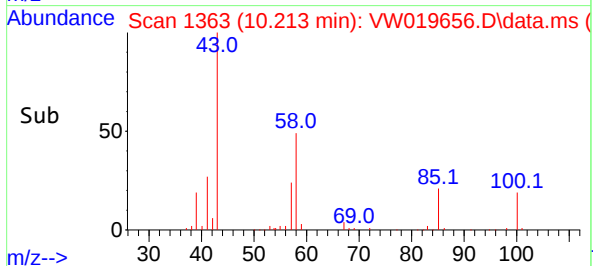
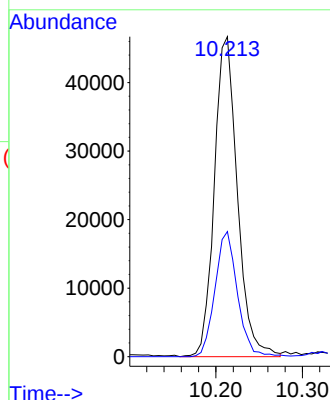
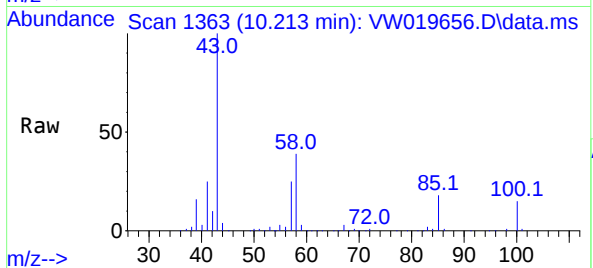
Tgt Ion: 43 Resp: 86266  
Ion Ratio Lower Upper  
43 100  
58 38.1 33.4 50.0

Instrument :  
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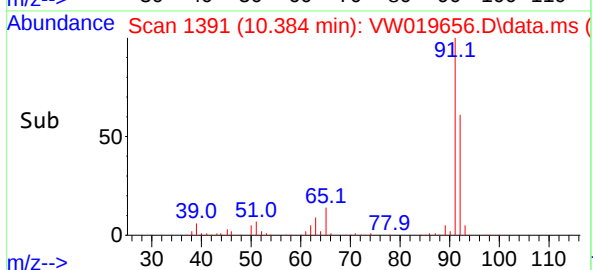
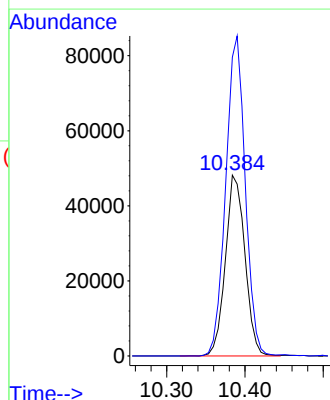
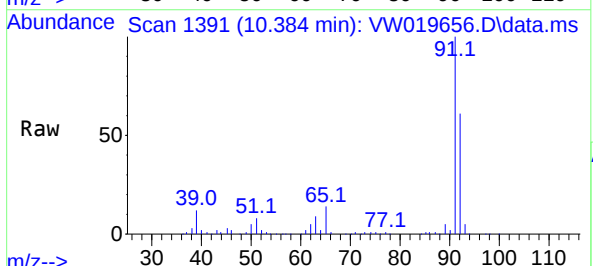
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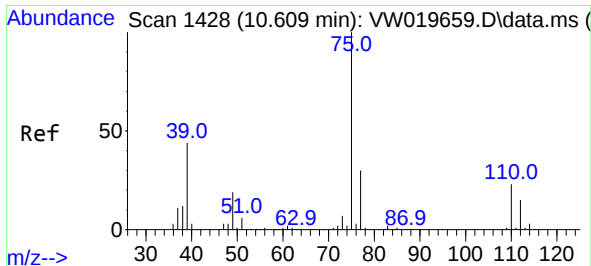
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#52  
Toluene  
Concen: 4.893 ug/l  
RT: 10.384 min Scan# 1391  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 92 Resp: 83532  
Ion Ratio Lower Upper  
92 100  
91 176.9 139.3 208.9





#53  
t-1,3-Dichloropropene  
Concen: 4.444 ug/l  
RT: 10.603 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

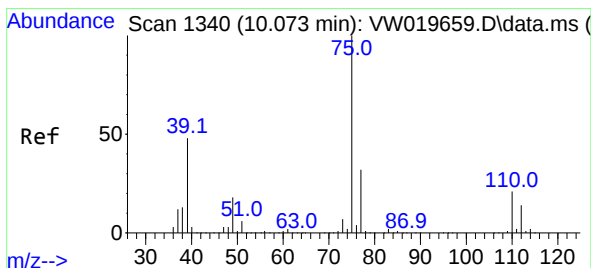
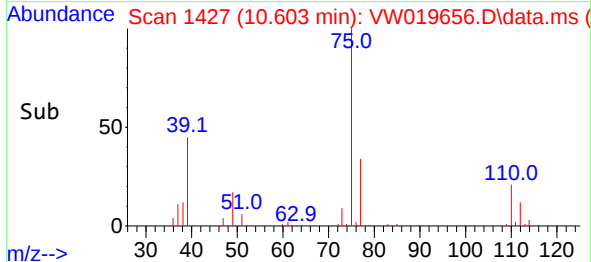
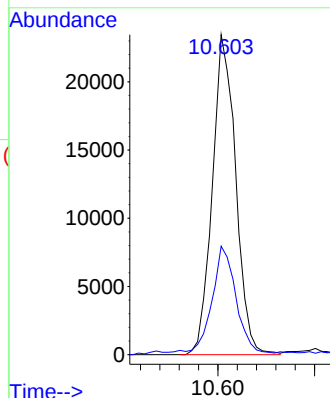
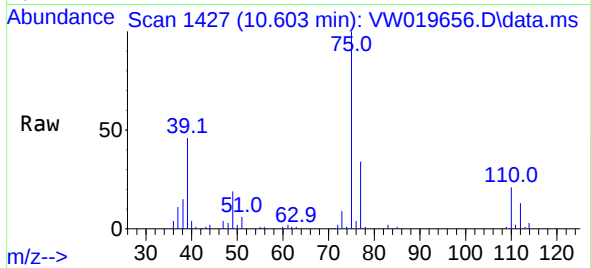
Tgt Ion: 75 Resp: 39335  
Ion Ratio Lower Upper  
75 100  
77 33.0 24.9 37.3

Instrument :  
MSVOA\_W  
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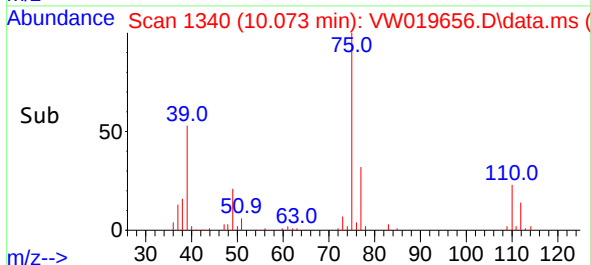
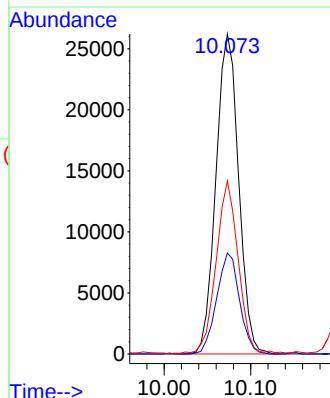
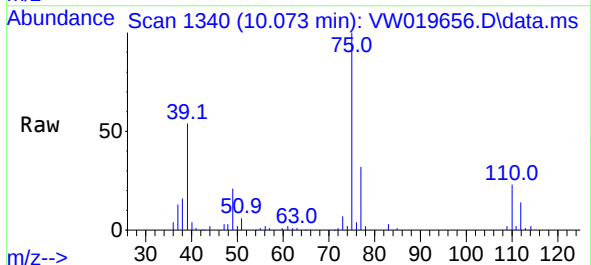
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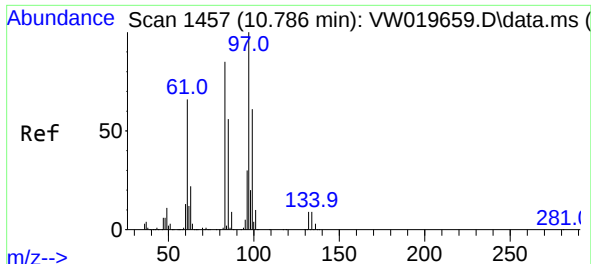
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#54  
cis-1,3-Dichloropropene  
Concen: 4.602 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 75 Resp: 47624  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.4 38.0  
39 53.8 35.3 52.9#





#55  
1,1,2-Trichloroethane  
Concen: 5.177 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

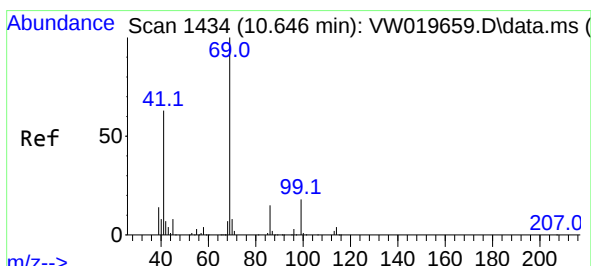
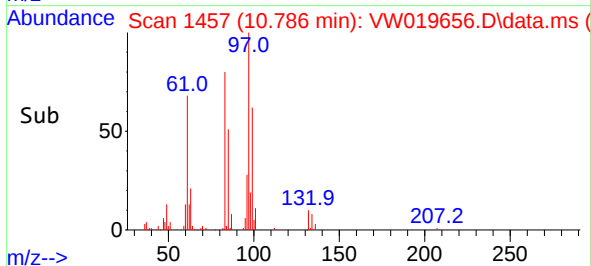
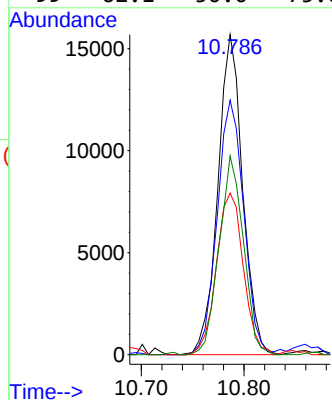
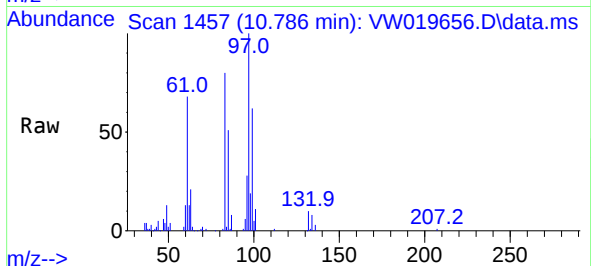
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 26269 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 79.5  | 69.4  | 104.2 |
| 85       | 50.6  | 43.3  | 64.9  |
| 99       | 62.1  | 50.0  | 75.0  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

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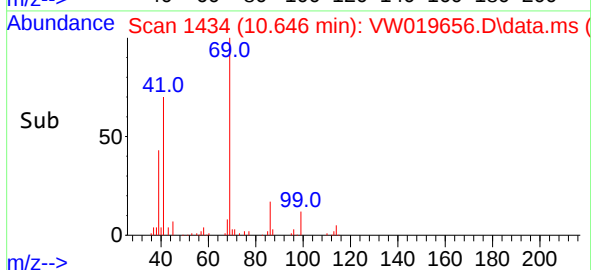
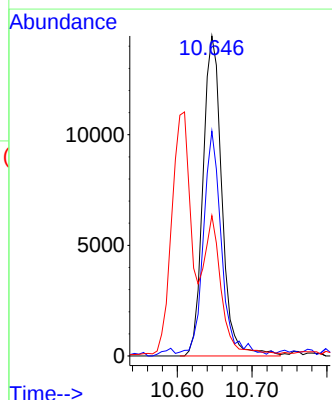
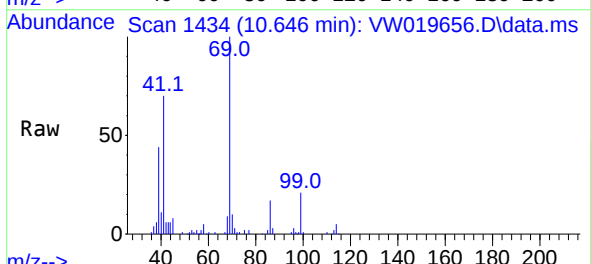
MMDadoda

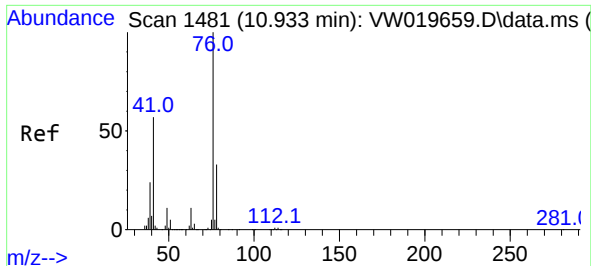
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#56  
Ethyl methacrylate  
Concen: 4.157 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 25363 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.8  | 51.0  | 76.6  |
| 39       | 38.7  | 23.9  | 35.9  |





#57  
1,3-Dichloropropane  
Concen: 5.007 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

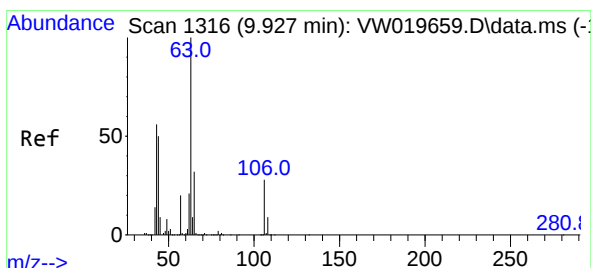
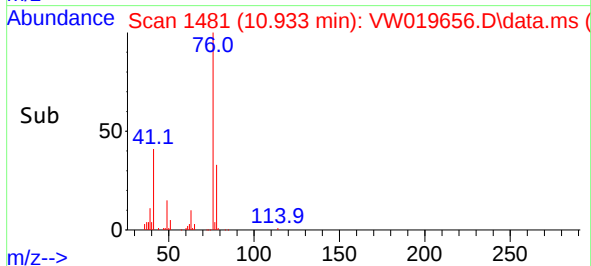
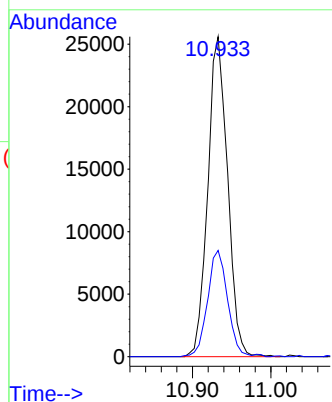
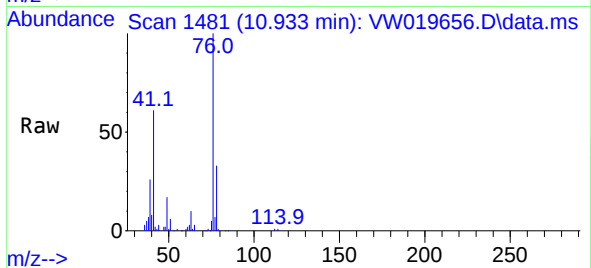
Tgt Ion: 76 Resp: 44879  
Ion Ratio Lower Upper  
76 100  
78 33.5 25.6 38.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

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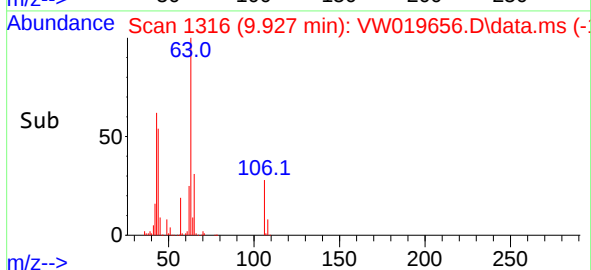
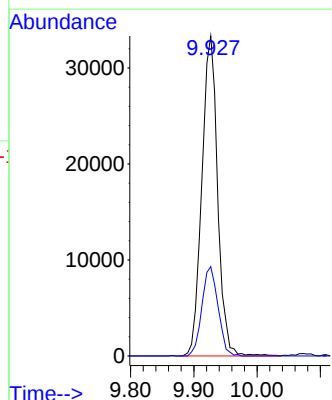
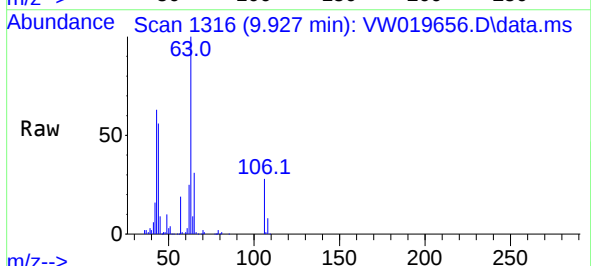
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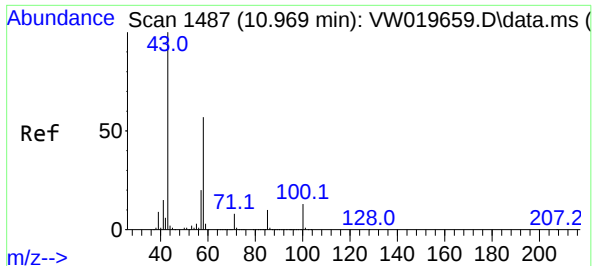
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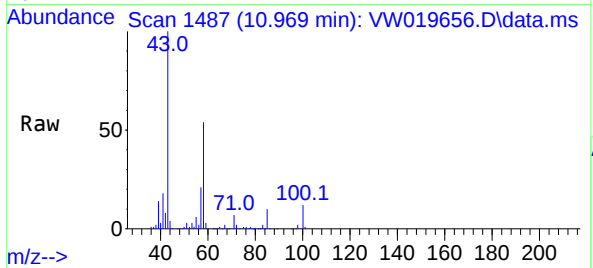
#58  
2-Chloroethyl Vinyl ether  
Concen: 20.435 ug/l  
RT: 9.927 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 63 Resp: 57919  
Ion Ratio Lower Upper  
63 100  
106 28.5 22.6 33.8

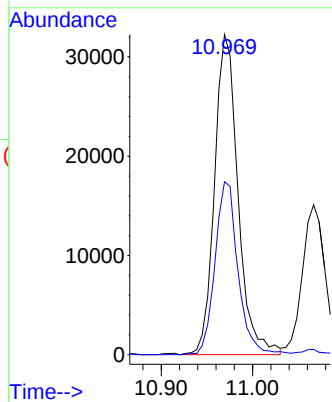
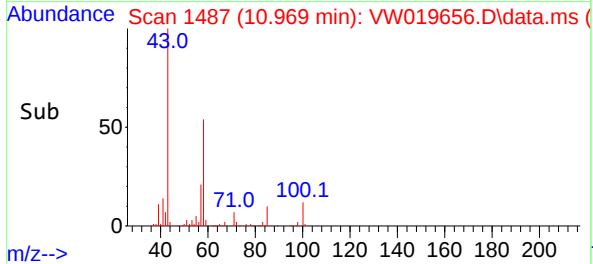




#59  
2-Hexanone  
Concen: 22.549 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 43 Resp: 57579  
Ion Ratio Lower Upper  
43 100  
58 52.9 29.3 87.8

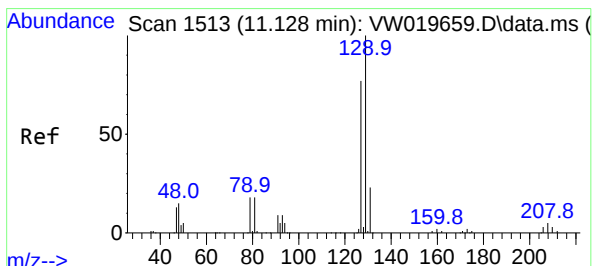


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

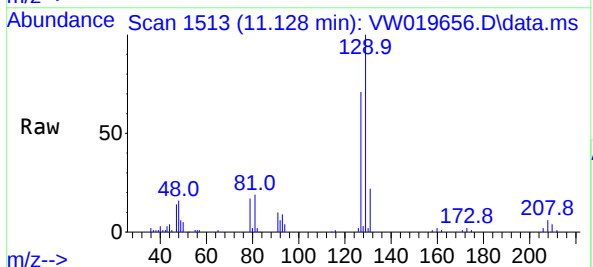
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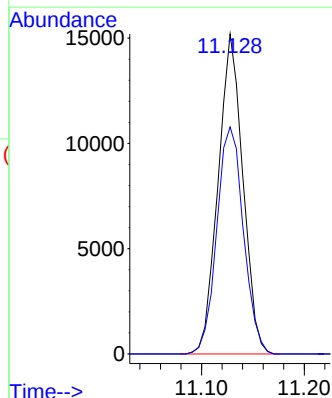
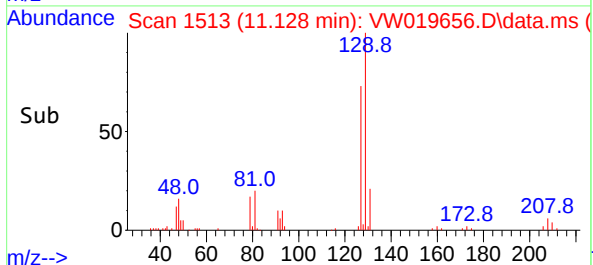
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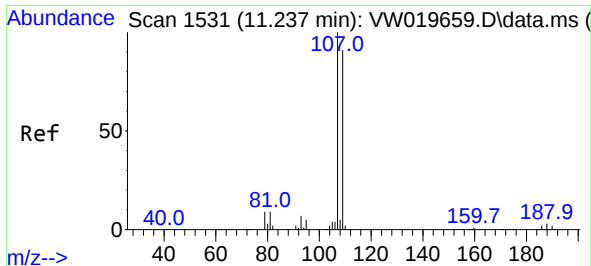


#60  
Dibromochloromethane  
Concen: 4.598 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 129 Resp: 25378  
Ion Ratio Lower Upper  
129 100  
127 76.3 39.8 119.4





#61  
1,2-Dibromoethane  
Concen: 4.941 ug/l  
RT: 11.237 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

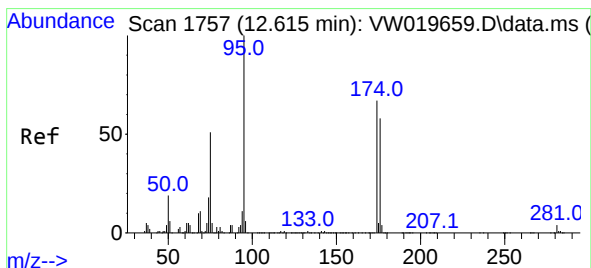
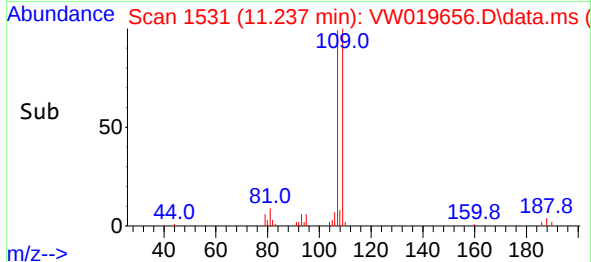
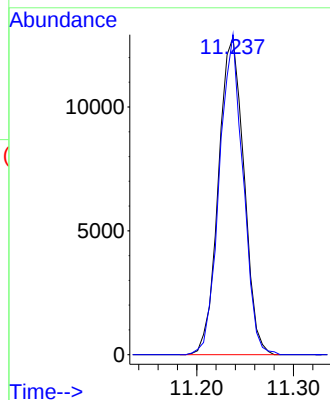
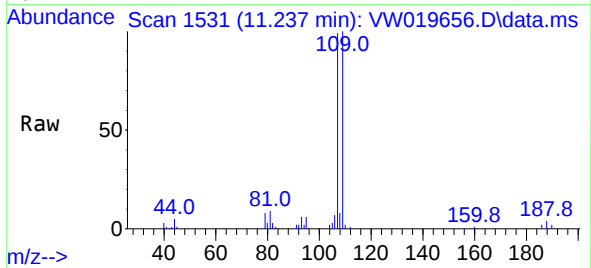
Tgt Ion: 107 Resp: 23376  
Ion Ratio Lower Upper  
107 100  
109 94.0 76.6 114.8

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

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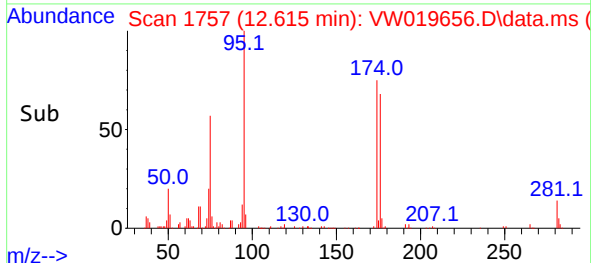
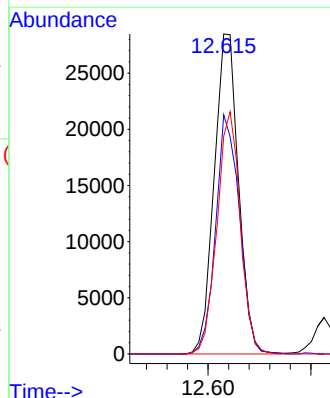
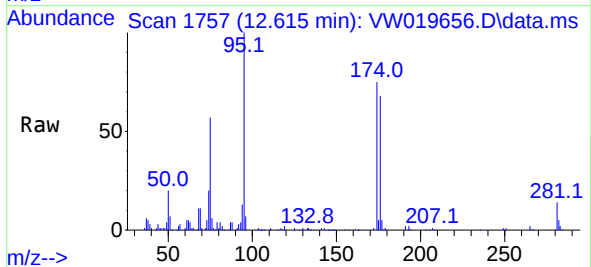
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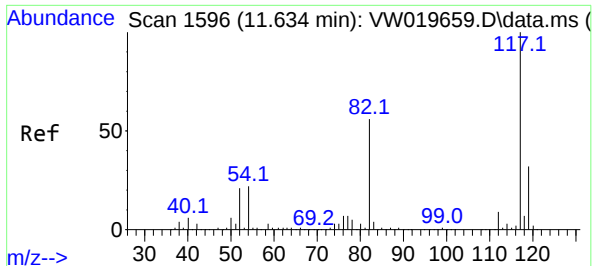
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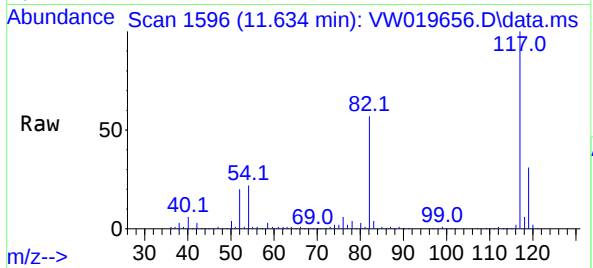
#62  
4-Bromofluorobenzene  
Concen: 5.040 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 95 Resp: 46637  
Ion Ratio Lower Upper  
95 100  
174 73.7 0.0 146.6  
176 72.6 0.0 136.8

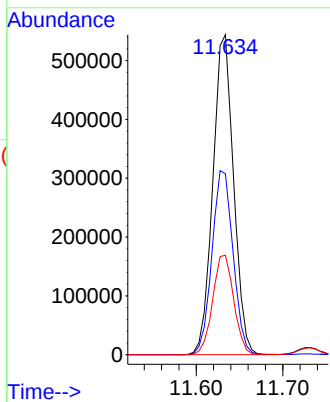
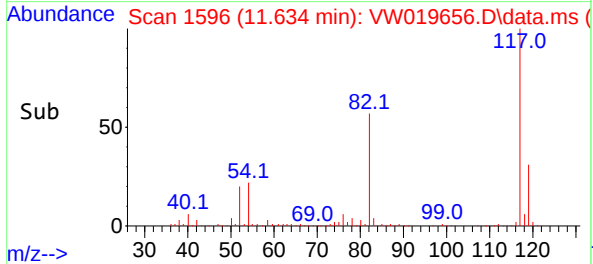




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion:117 Resp: 905312  
Ion Ratio Lower Upper  
117 100  
82 56.5 47.4 71.0  
119 31.1 26.6 39.8

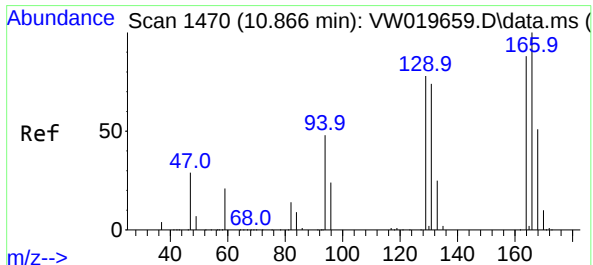


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

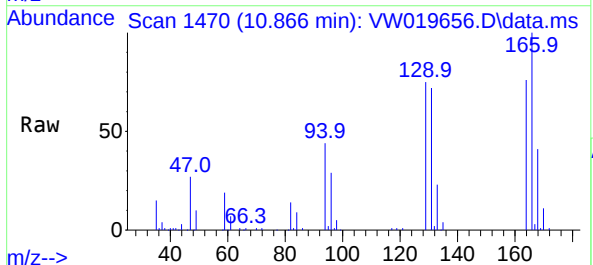
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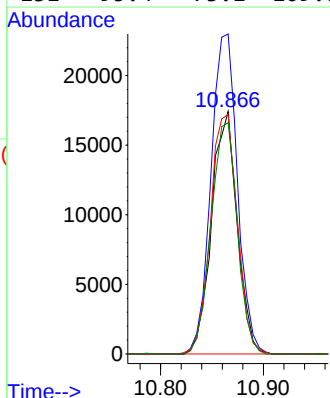
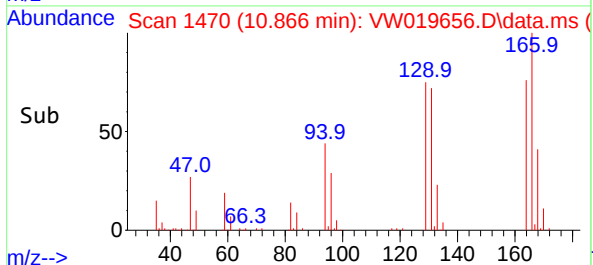
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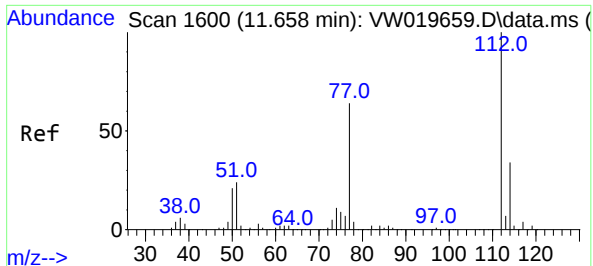


#64  
Tetrachloroethene  
Concen: 5.351 ug/l  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion:164 Resp: 30067  
Ion Ratio Lower Upper  
164 100  
166 132.0 98.5 147.7  
129 98.8 76.3 114.5  
131 95.4 73.1 109.7





#65  
Chlorobenzene  
Concen: 5.364 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

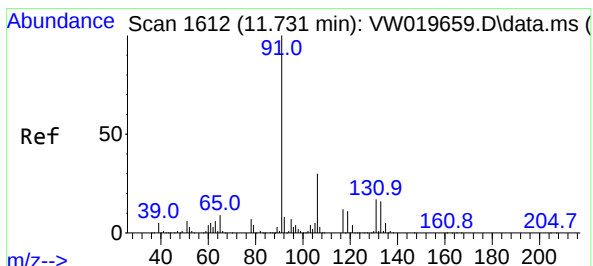
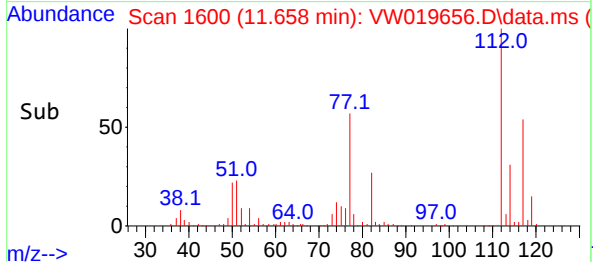
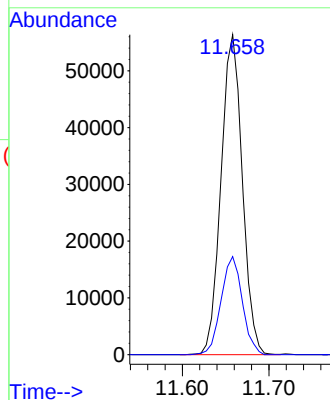
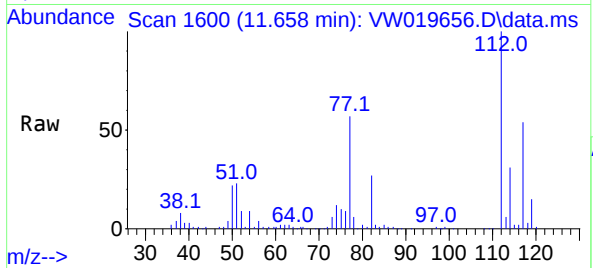
Tgt Ion:112 Resp: 96358  
Ion Ratio Lower Upper  
112 100  
114 30.6 25.6 38.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

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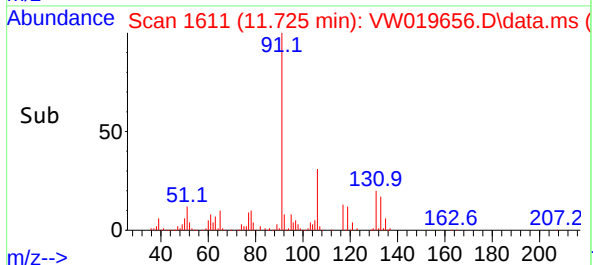
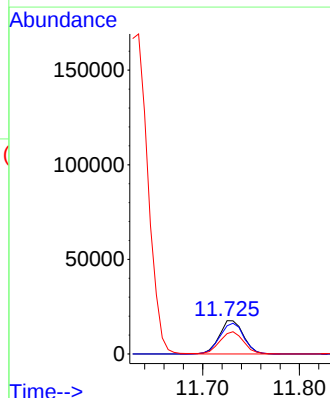
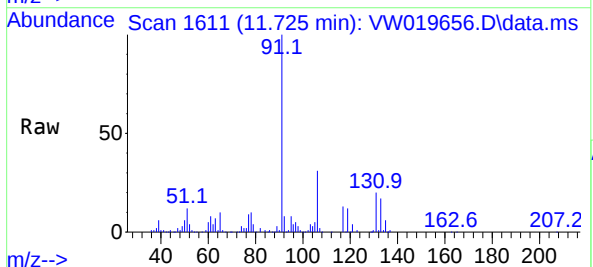
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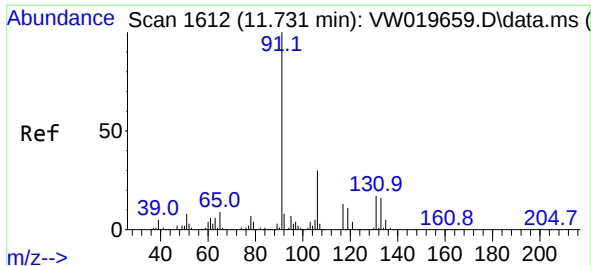
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.956 ug/l  
RT: 11.725 min Scan# 1611  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion:131 Resp: 30489  
Ion Ratio Lower Upper  
131 100  
133 92.7 46.8 140.3  
119 66.3 32.9 98.6





#67  
Ethyl Benzene  
Concen: 4.945 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

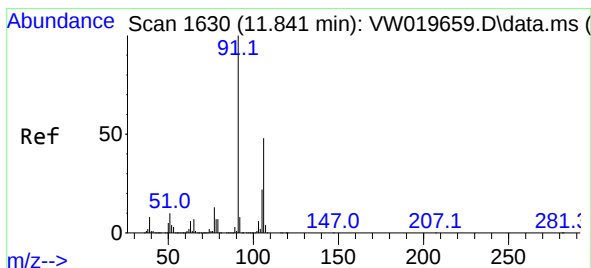
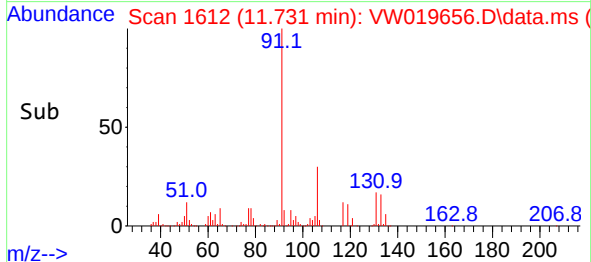
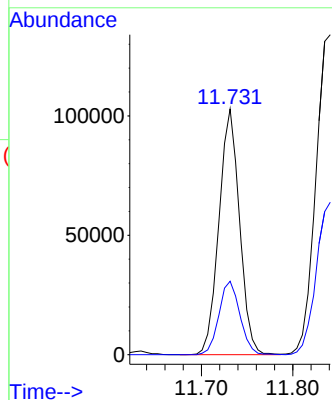
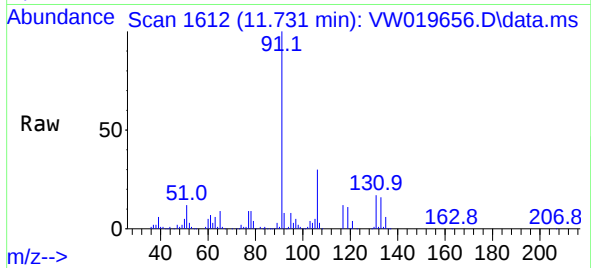
Tgt Ion: 91 Resp: 161061  
Ion Ratio Lower Upper  
91 100  
106 29.9 24.8 37.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

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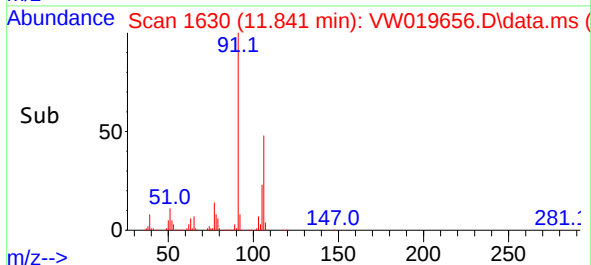
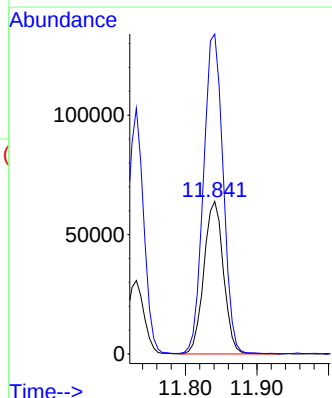
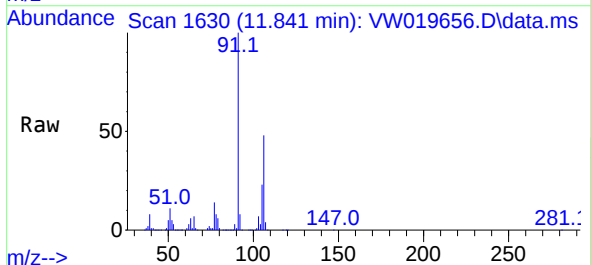
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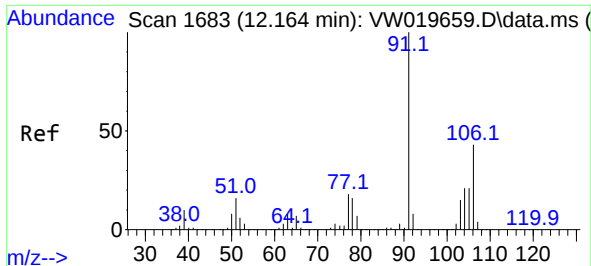
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#68  
m/p-Xylenes  
Concen: 9.767 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion:106 Resp: 121524  
Ion Ratio Lower Upper  
106 100  
91 210.0 164.3 246.5





#69  
o-Xylene  
Concen: 4.562 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

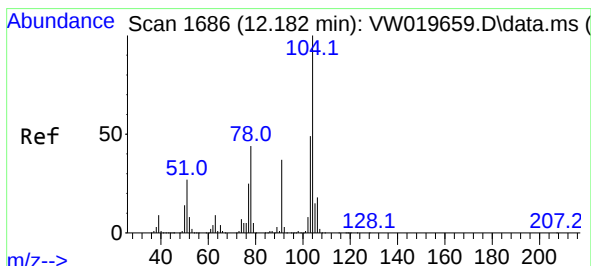
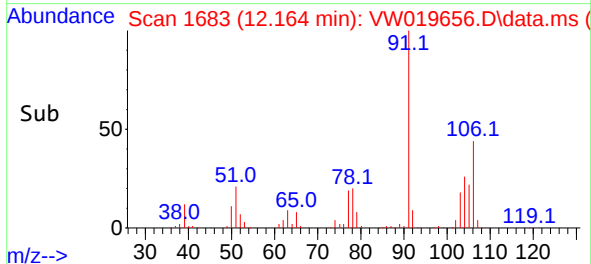
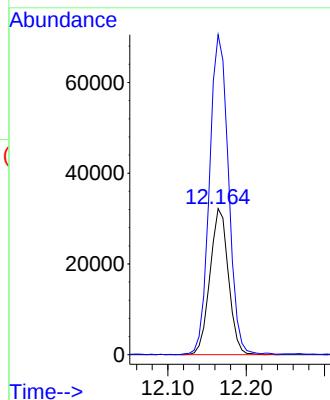
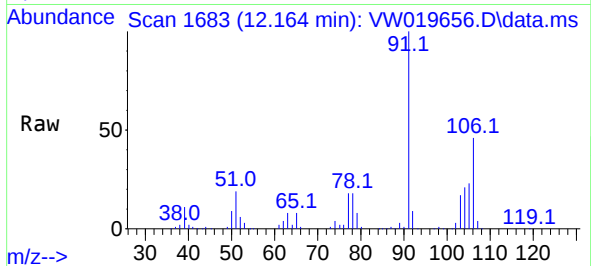
Tgt Ion:106 Resp: 52594  
Ion Ratio Lower Upper  
106 100  
91 226.3 106.5 319.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

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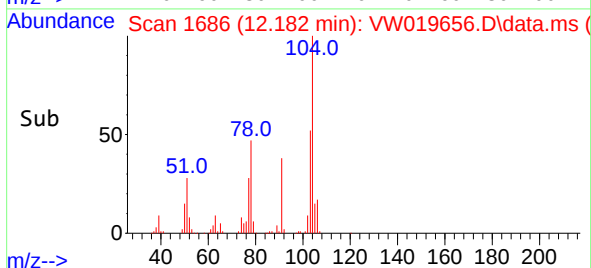
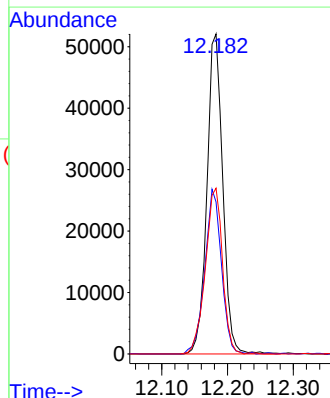
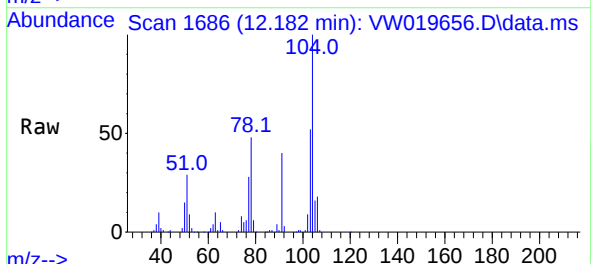
MMDadoda

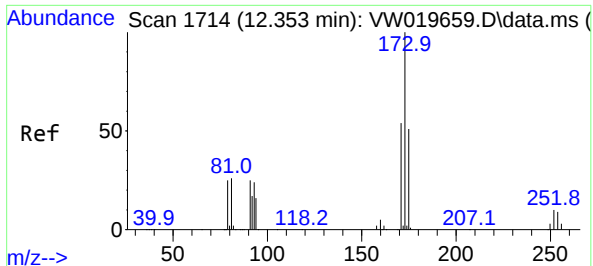
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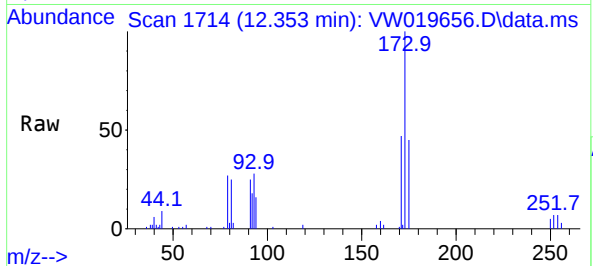
#70  
Styrene  
Concen: 4.475 ug/l  
RT: 12.182 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion:104 Resp: 87192  
Ion Ratio Lower Upper  
104 100  
78 54.0 41.4 62.0  
103 56.0 43.3 64.9

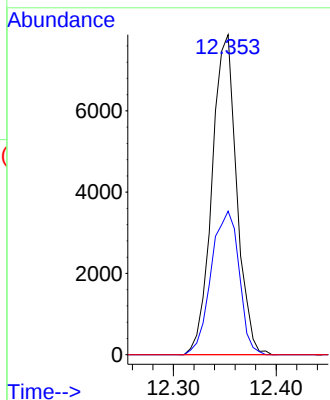
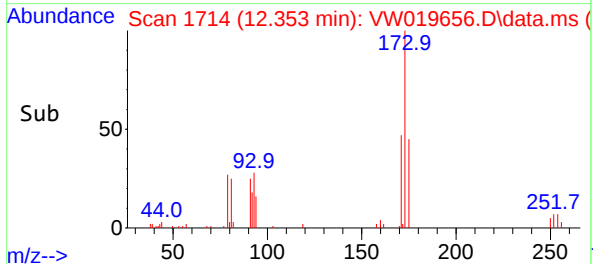




#71  
Bromoform  
Concen: 4.440 ug/l  
RT: 12.353 min Scan# 1714  
Delta R.T. 0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion:173 Resp: 13123  
Ion Ratio Lower Upper  
173 100  
175 50.7 21.9 65.8  
254 0.0 0.0 0.0

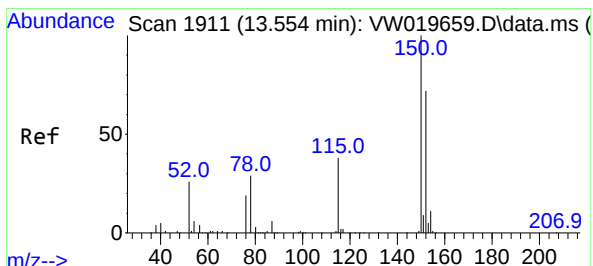


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

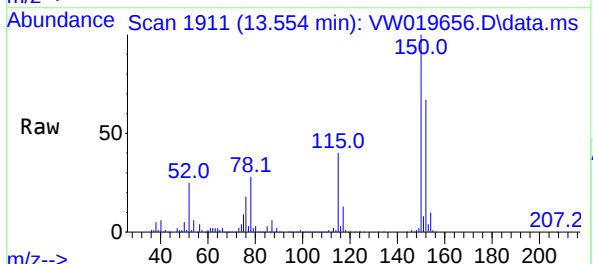
Manual Integrations  
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MMDadoda

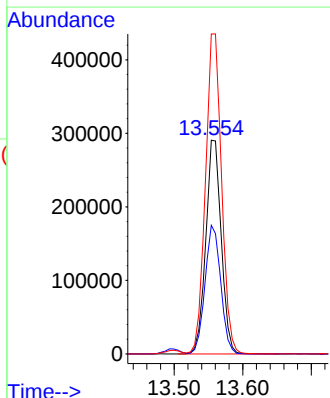
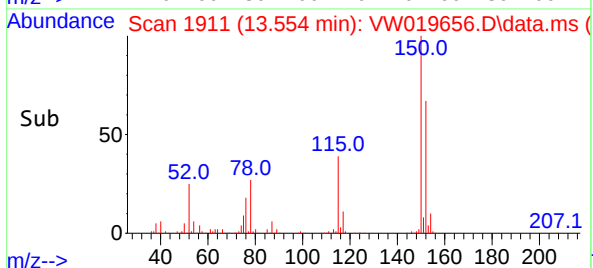
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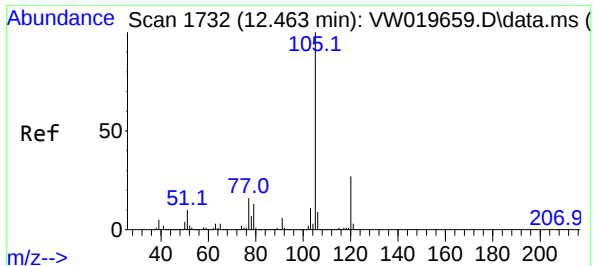


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.554 min Scan# 1911  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



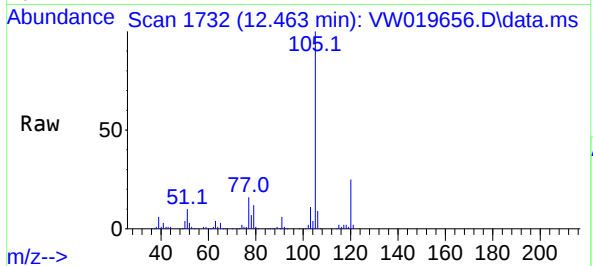
Tgt Ion:152 Resp: 457442  
Ion Ratio Lower Upper  
152 100  
115 61.0 30.6 91.8  
150 155.7 0.0 342.4





#73  
Isopropylbenzene  
Concen: 4.658 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

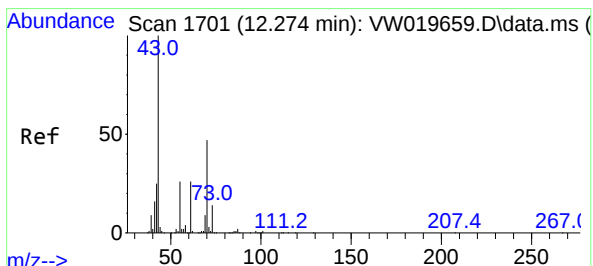
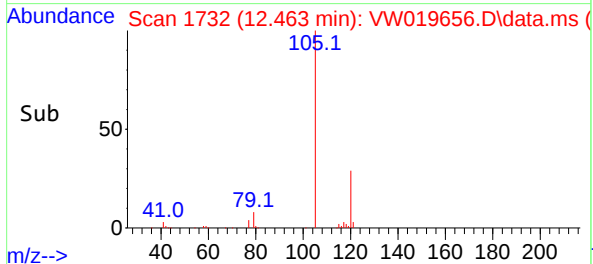
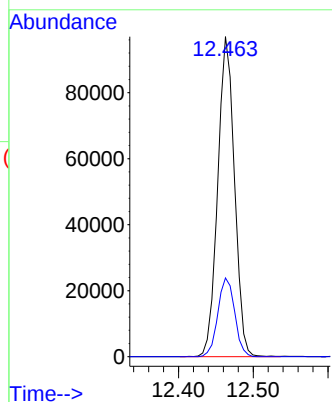


Tgt Ion:105 Resp: 150849  
Ion Ratio Lower Upper  
105 100  
120 24.7 13.0 39.0

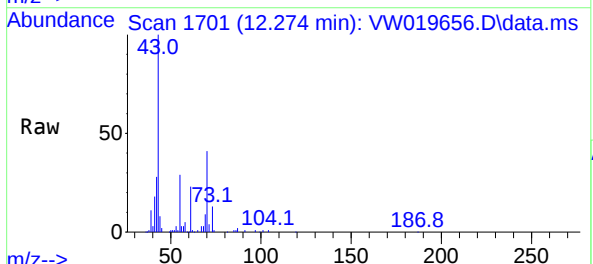
Manual Integrations  
APPROVED

MMDadoda

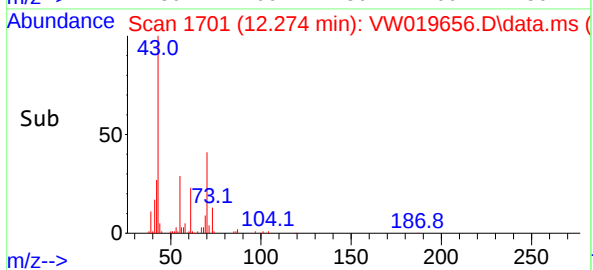
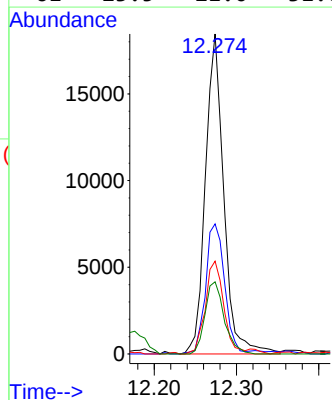
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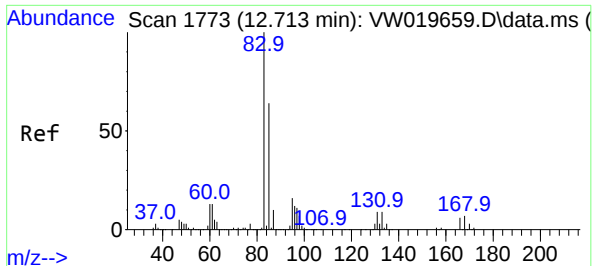


#74  
N-ethyl acetate  
Concen: 4.218 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 43 Resp: 28737  
Ion Ratio Lower Upper  
43 100  
70 41.7 37.0 55.4  
55 28.9 21.3 31.9  
61 23.5 21.0 31.6





#75  
1,1,2,2-Tetrachloroethane  
Concen: 4.947 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

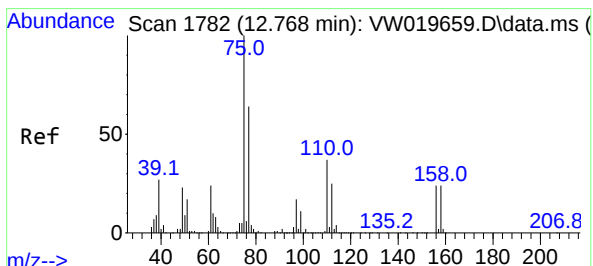
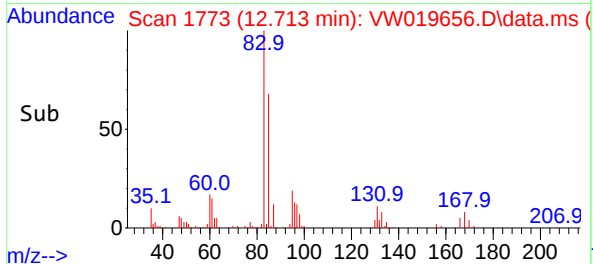
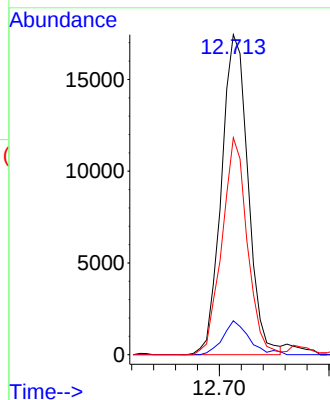
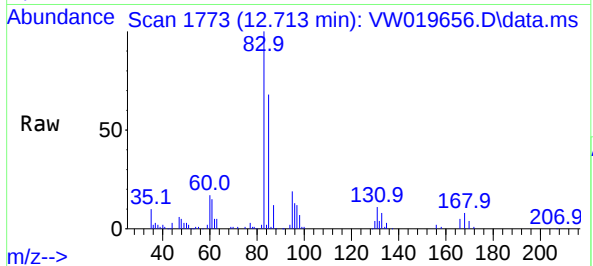
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 29431 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.4  | 5.1   | 15.4  |
| 85        | 64.4  | 31.8  | 95.4  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

Manual Integrations  
APPROVED

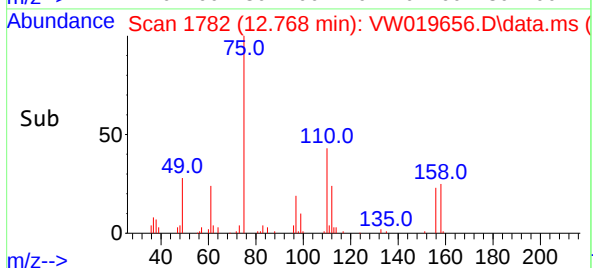
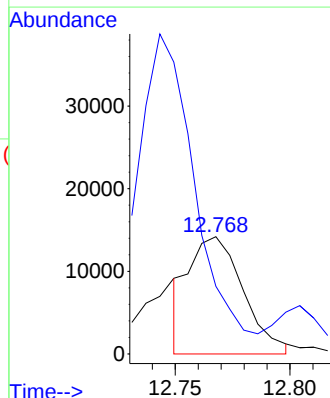
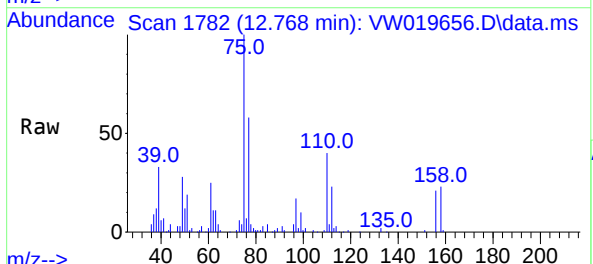
MMDadoda

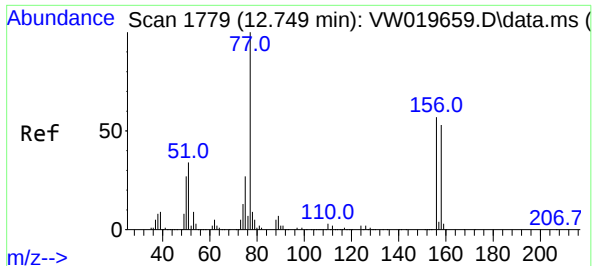
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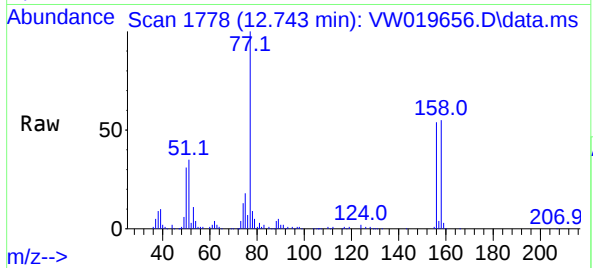
#76  
1,2,3-Trichloropropane  
Concen: 3.751 ug/l m  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 23244 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |

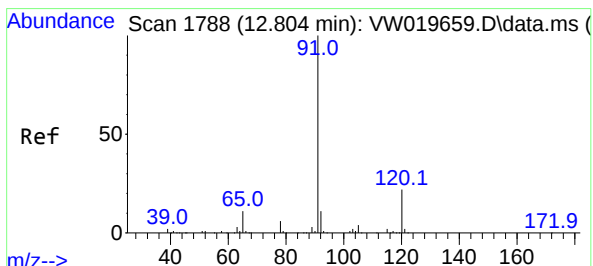
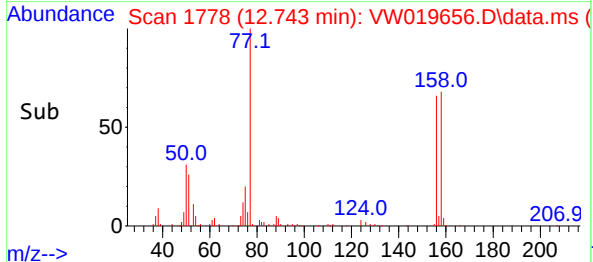
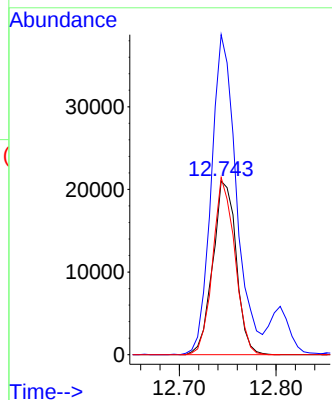




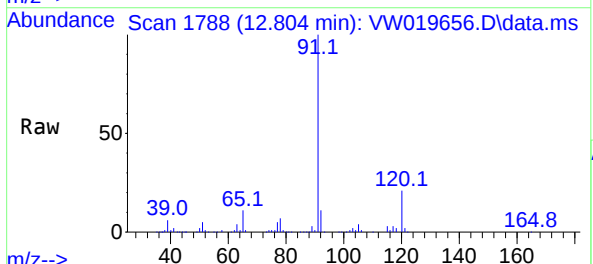
#77  
Bromobenzene  
Concen: 4.971 ug/l  
RT: 12.743 min Scan# 1778  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



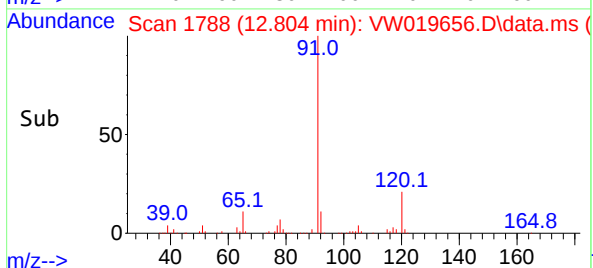
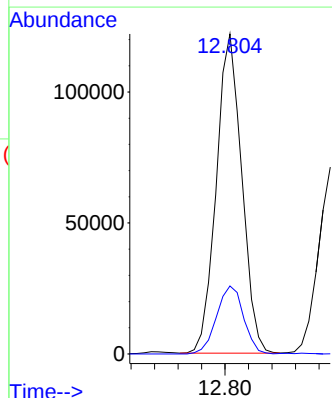
Tgt Ion:156 Resp: 35333  
Ion Ratio Lower Upper  
156 100  
77 198.1 102.6 307.9  
158 96.2 47.1 141.4



#78  
n-propylbenzene  
Concen: 4.605 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 91 Resp: 183377  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.2 33.6

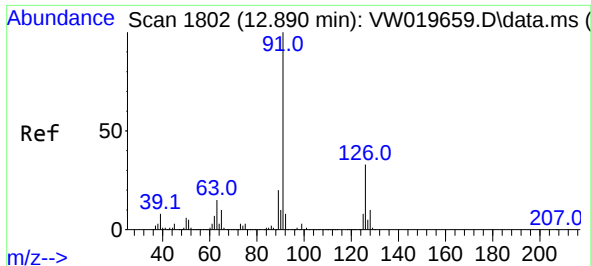


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

Manual Integrations  
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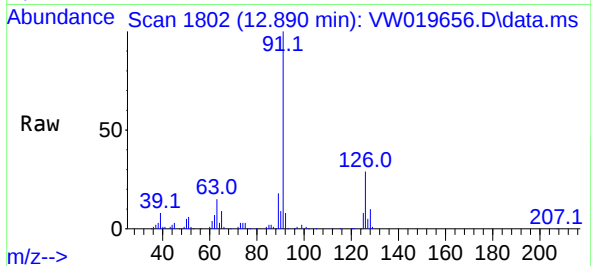
MMDadoda

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#79  
2-Chlorotoluene  
Concen: 4.850 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

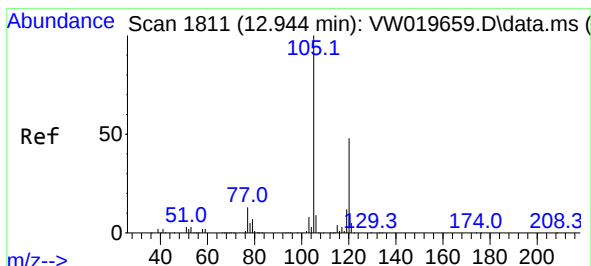
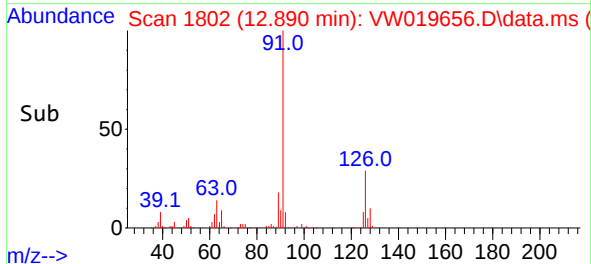
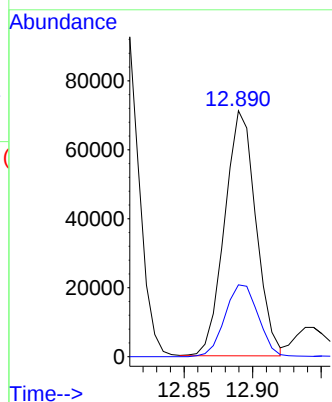


Tgt Ion: 91 Resp: 113229  
Ion Ratio Lower Upper  
91 100  
126 31.3 15.3 45.9

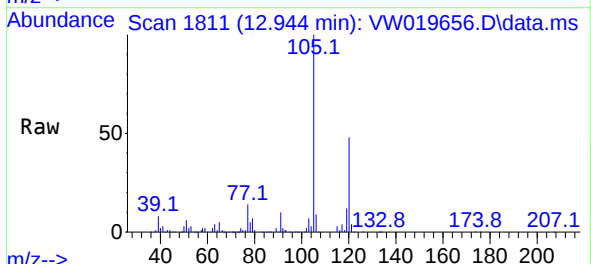
Manual Integrations  
APPROVED

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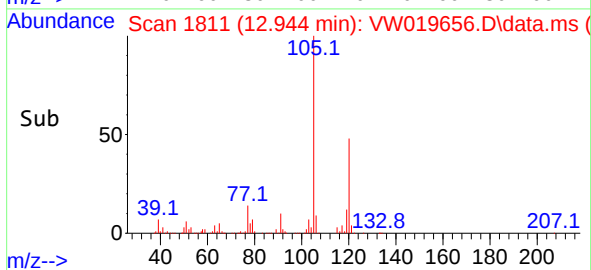
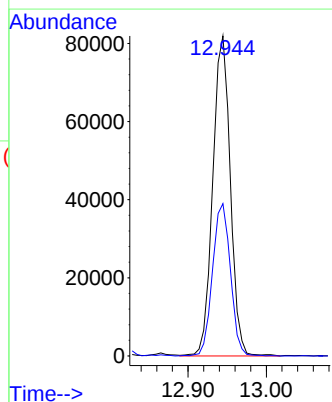
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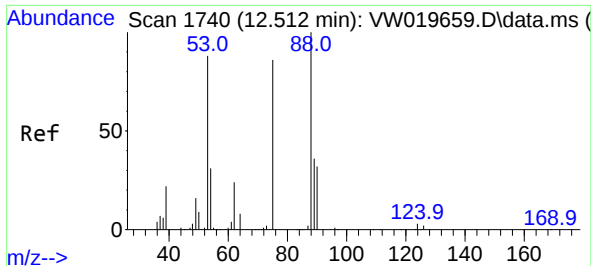


#80  
1,3,5-Trimethylbenzene  
Concen: 4.622 ug/l  
RT: 12.944 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



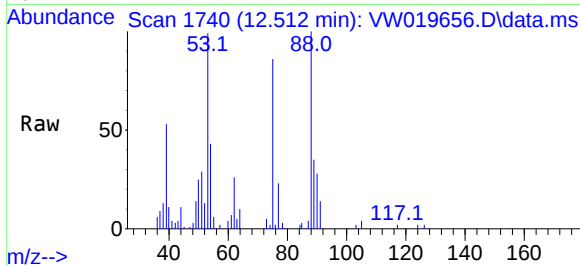
Tgt Ion: 105 Resp: 127606  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.1 72.3





#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.275 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

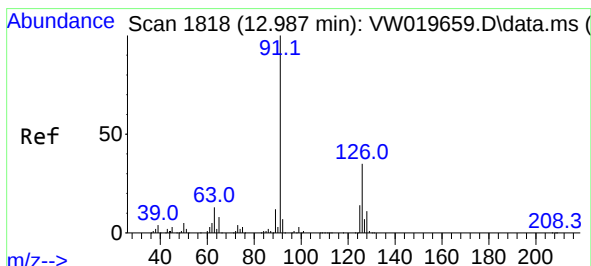
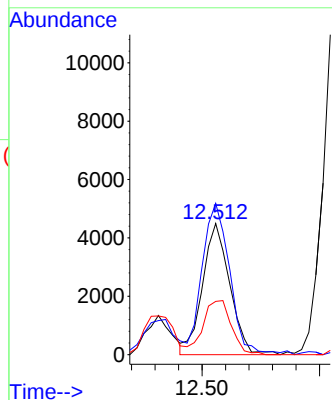
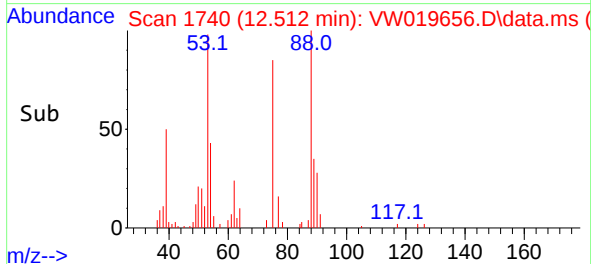


Tgt Ion: 75 Resp: 7240  
Ion Ratio Lower Upper  
75 100  
53 116.2 75.8 113.8#  
89 42.6 35.7 53.5

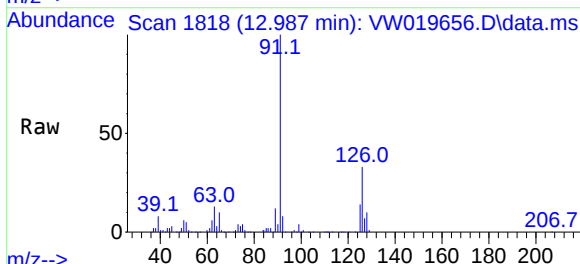
Manual Integrations  
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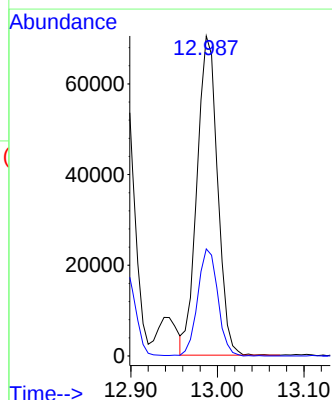
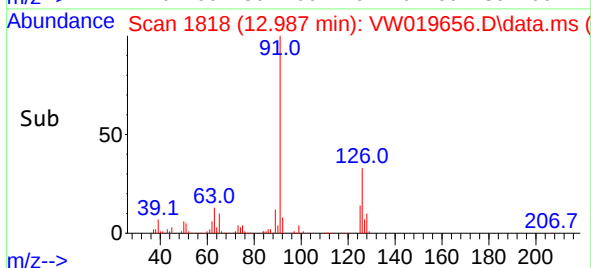
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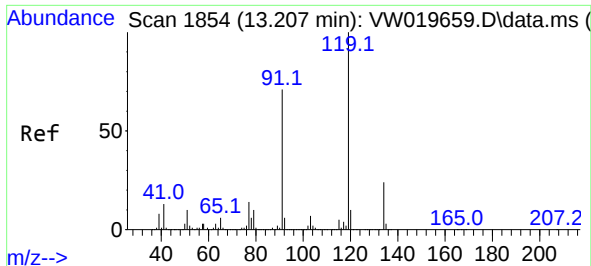


#82  
4-Chlorotoluene  
Concen: 4.765 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



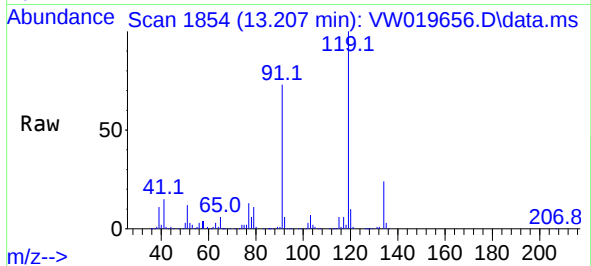
Tgt Ion: 91 Resp: 115689  
Ion Ratio Lower Upper  
91 100  
126 32.9 15.7 47.1





#83  
tert-Butylbenzene  
Concen: 4.527 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

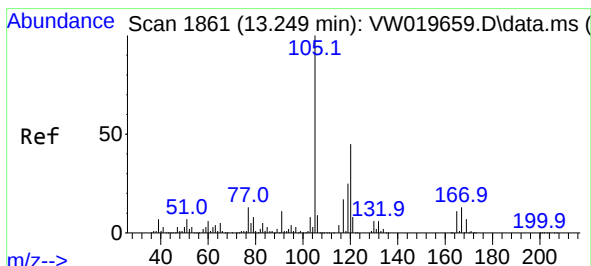
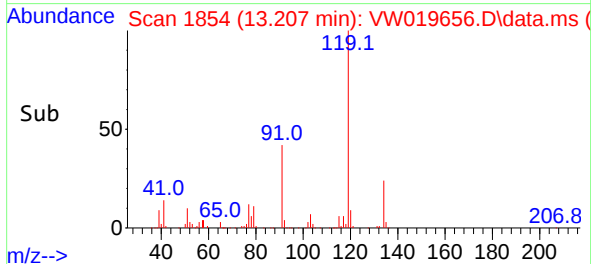
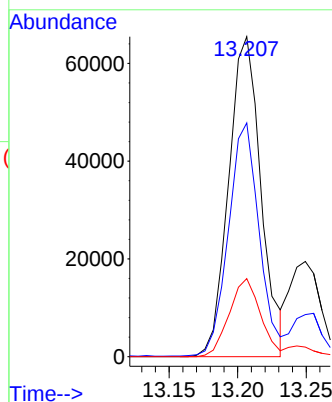


Tgt Ion:119 Resp: 107401  
Ion Ratio Lower Upper  
119 100  
91 69.4 33.7 101.1  
134 24.3 12.4 37.0

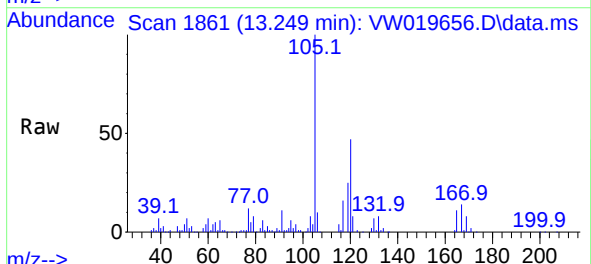
Manual Integrations  
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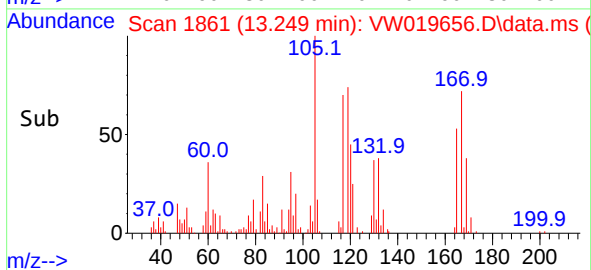
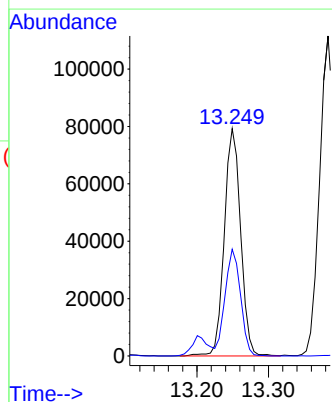
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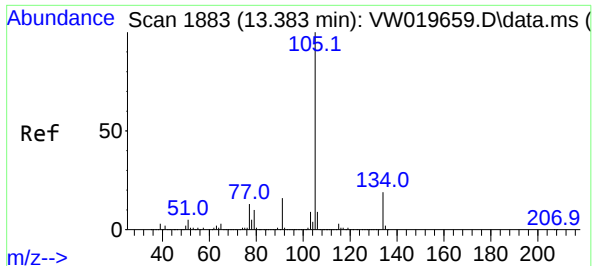


#84  
1,2,4-Trimethylbenzene  
Concen: 4.578 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



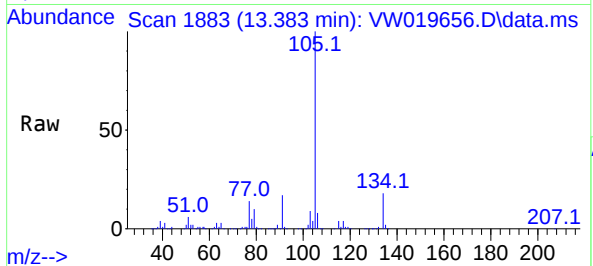
Tgt Ion:105 Resp: 125831  
Ion Ratio Lower Upper  
105 100  
120 44.4 21.9 65.8





#85  
 sec-Butylbenzene  
 Concen: 4.687 ug/l  
 RT: 13.383 min Scan# 1883  
 Delta R.T. 0.000 min  
 Lab File: VW019656.D  
 Acq: 03 Aug 2021 13:12

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC005

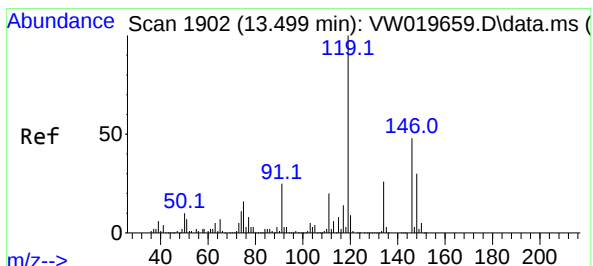
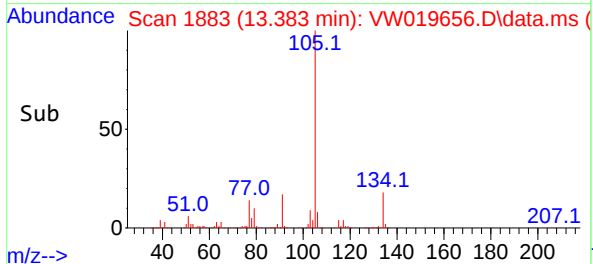
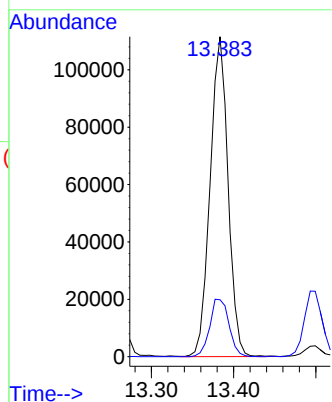


Tgt Ion:105 Resp: 168851  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.8 29.4

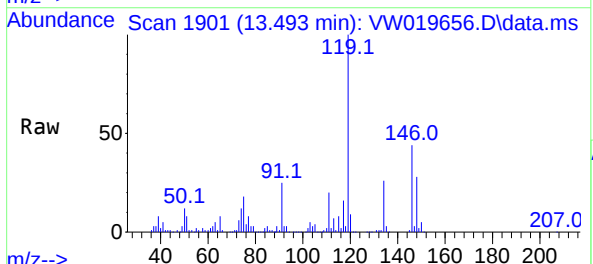
Manual Integrations  
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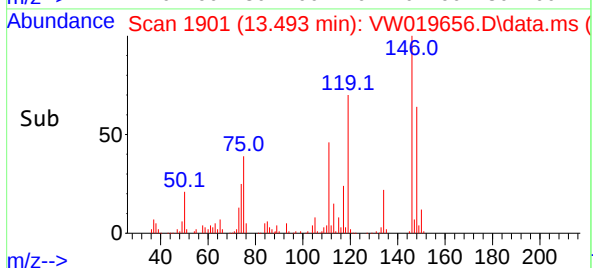
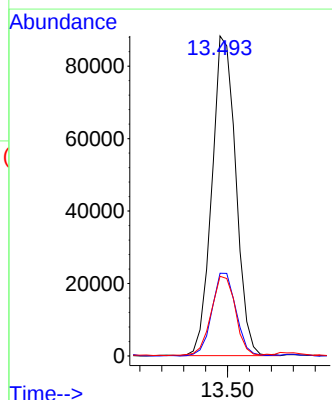
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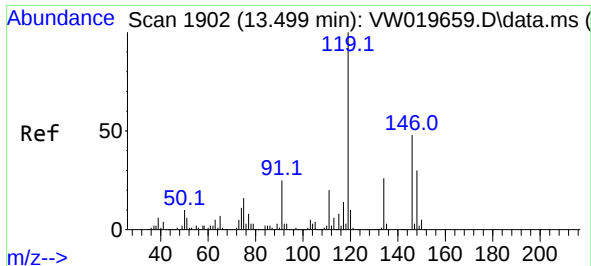


#86  
 p-Isopropyltoluene  
 Concen: 4.519 ug/l  
 RT: 13.493 min Scan# 1901  
 Delta R.T. -0.006 min  
 Lab File: VW019656.D  
 Acq: 03 Aug 2021 13:12



Tgt Ion:119 Resp: 133593  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.1 39.1  
 91 25.2 12.1 36.3





#87  
1,3-Dichlorobenzene  
Concen: 4.988 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

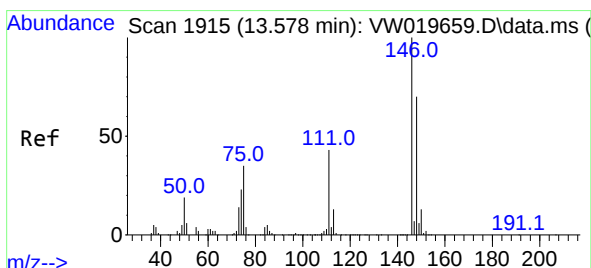
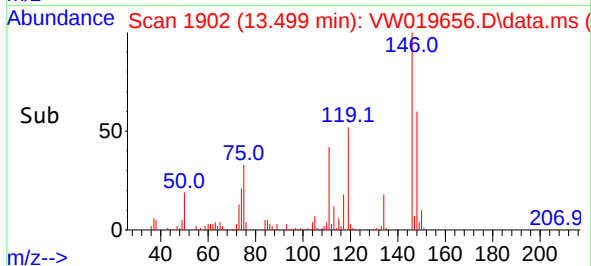
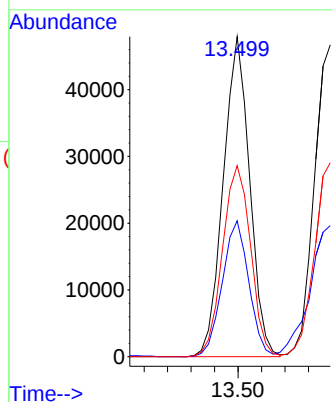
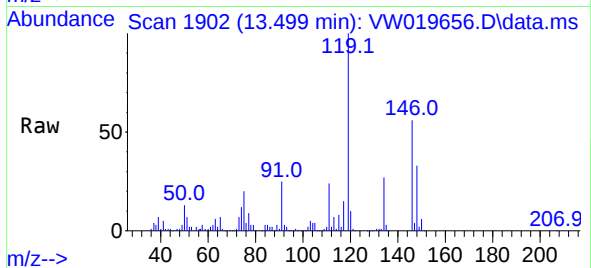
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 74702 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 42.8  | 20.8  | 62.2  |
| 148      | 63.5  | 31.3  | 93.9  |

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC005

Manual Integrations  
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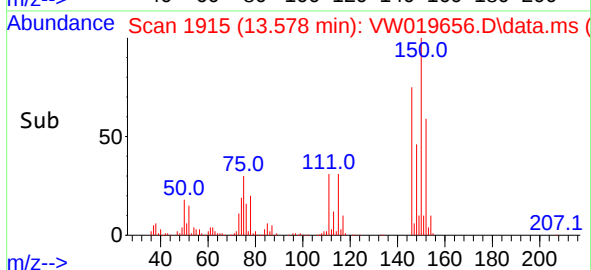
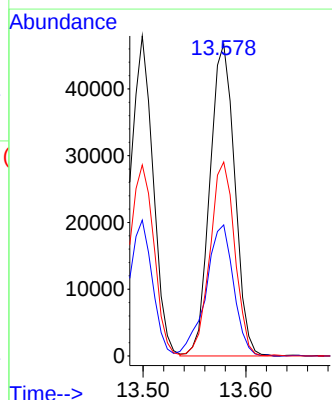
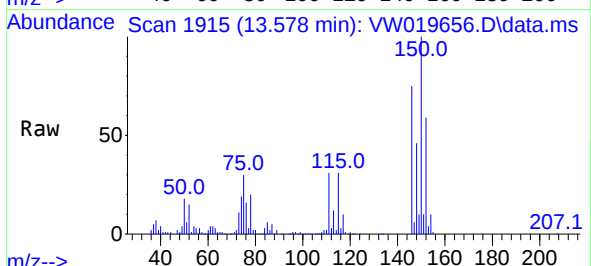
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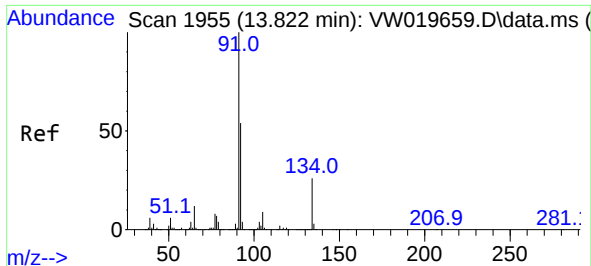
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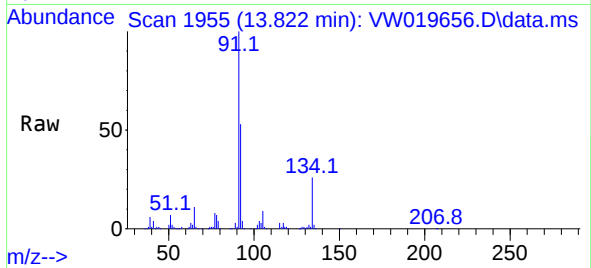
#88  
1,4-Dichlorobenzene  
Concen: 5.266 ug/l  
RT: 13.578 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 78400 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 47.1  | 20.6  | 61.8  |
| 148      | 62.0  | 32.1  | 96.5  |

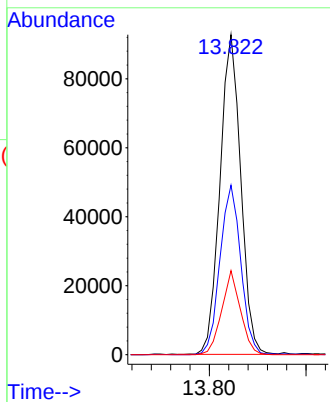
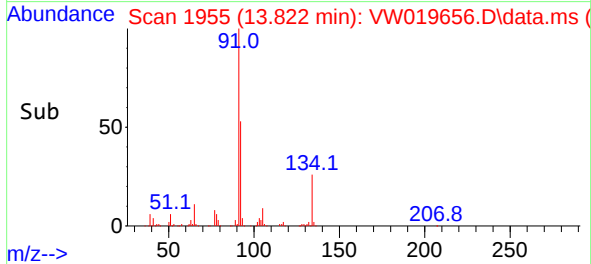




#89  
n-Butylbenzene  
Concen: 4.753 ug/l  
RT: 13.822 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 91 Resp: 138229  
Ion Ratio Lower Upper  
91 100  
92 53.1 27.7 83.1  
134 23.8 12.7 38.1

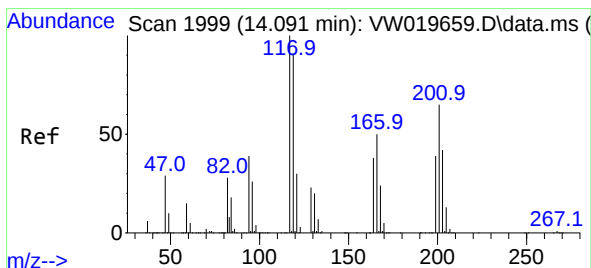


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

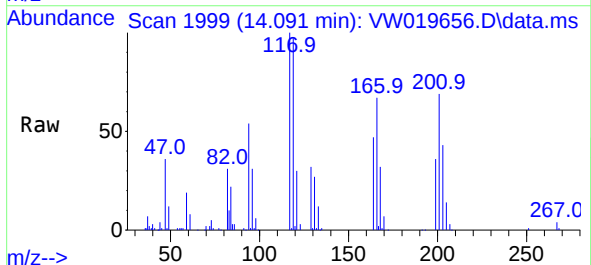
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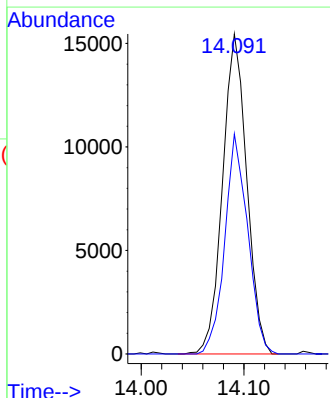
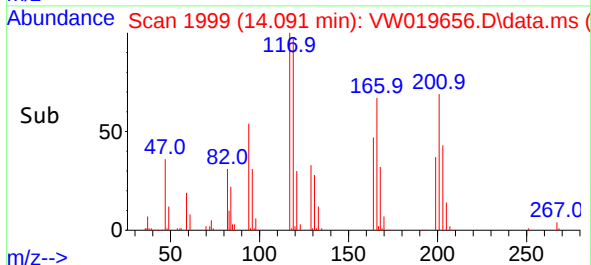
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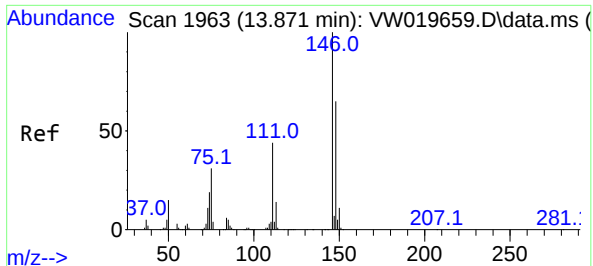


#90  
Hexachloroethane  
Concen: 4.680 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12



Tgt Ion: 117 Resp: 25239  
Ion Ratio Lower Upper  
117 100  
201 65.5 37.2 111.6





#91  
1,2-Dichlorobenzene  
Concen: 5.033 ug/l  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

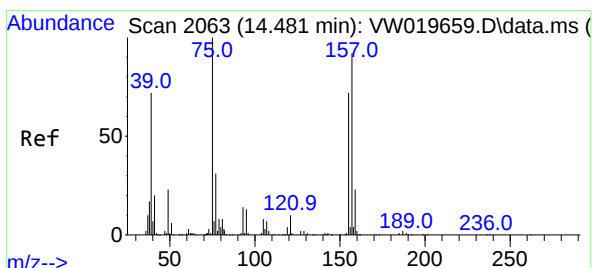
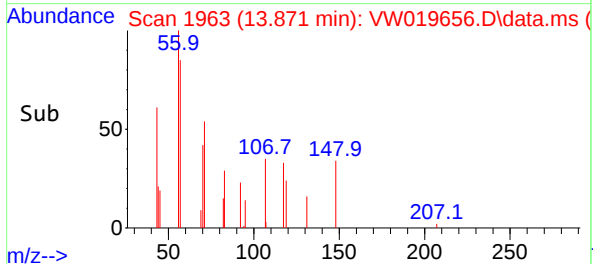
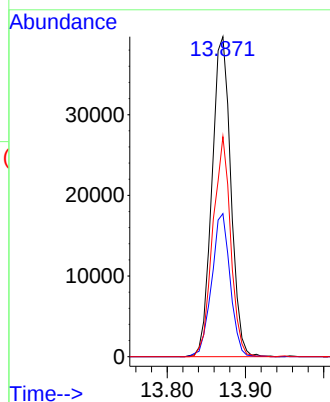
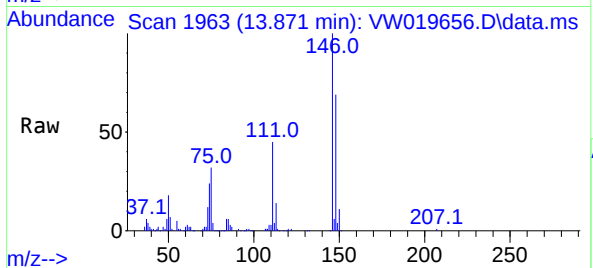
Tgt Ion: 146 Resp: 66220  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.4 64.2  
148 65.2 31.9 95.7

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

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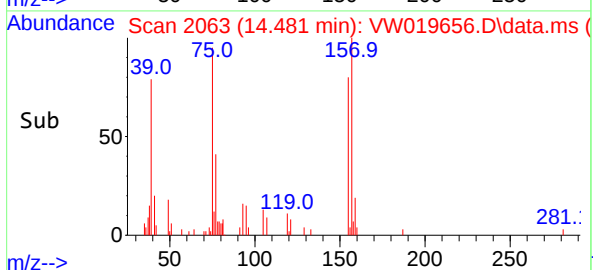
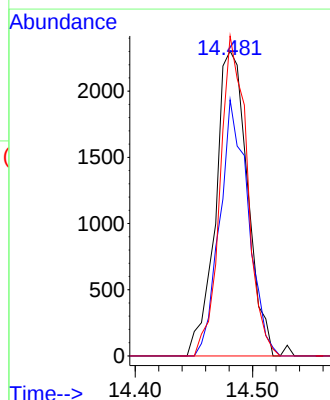
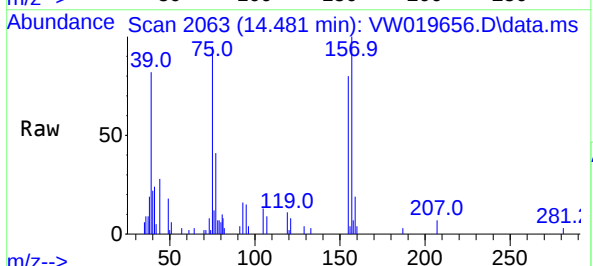
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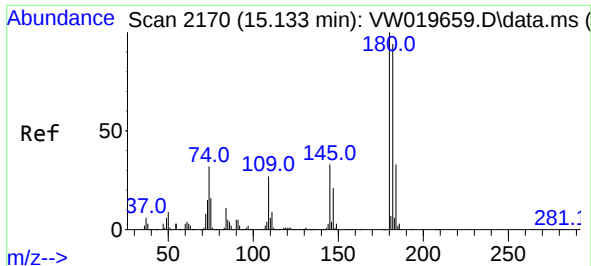
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.499 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

Tgt Ion: 75 Resp: 4359  
Ion Ratio Lower Upper  
75 100  
155 74.8 38.4 115.2  
157 89.0 48.9 146.6





#93  
1,2,4-Trichlorobenzene  
Concen: 4.718 ug/l  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

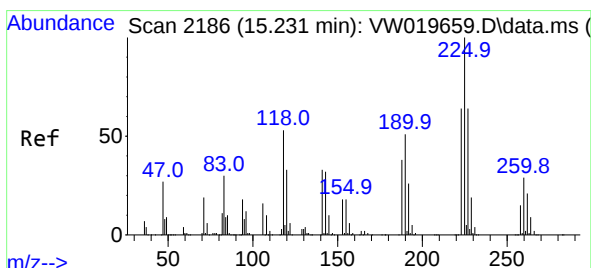
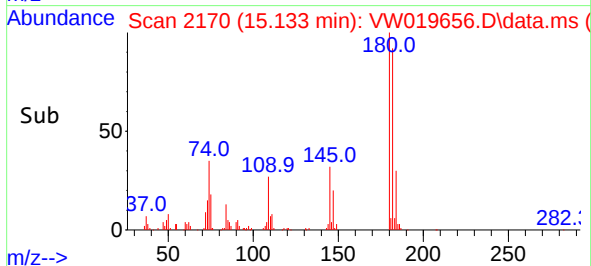
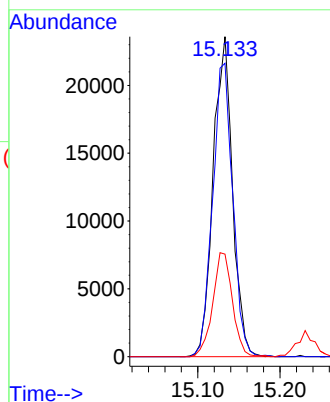
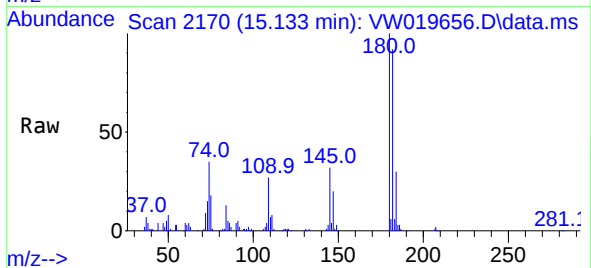
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 38504 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.4  | 47.3  | 141.8 |
| 145       | 33.2  | 15.4  | 46.2  |

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC005

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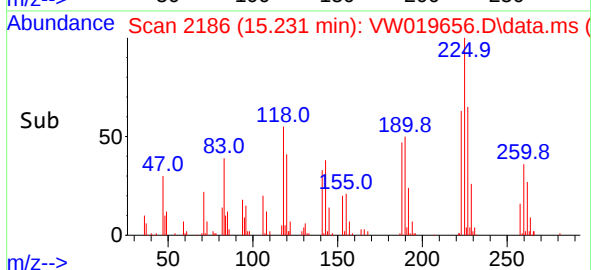
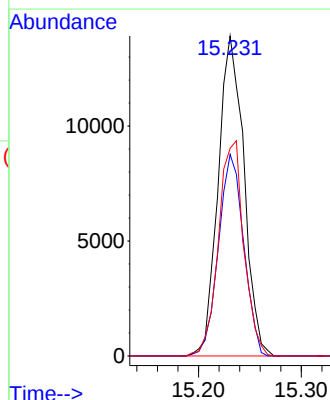
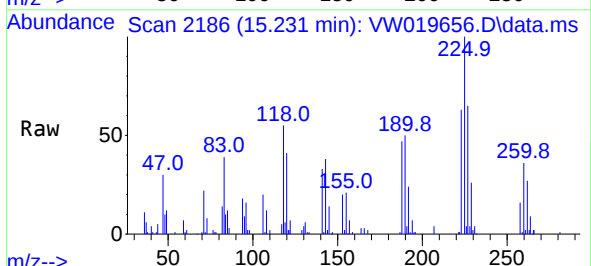
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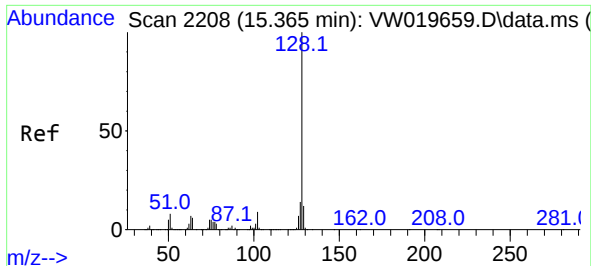
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#94  
Hexachlorobutadiene  
Concen: 5.095 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 24173 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.7  | 31.4  | 94.0  |
| 227       | 66.1  | 31.6  | 94.7  |





#95  
Naphthalene  
Concen: 3.980 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

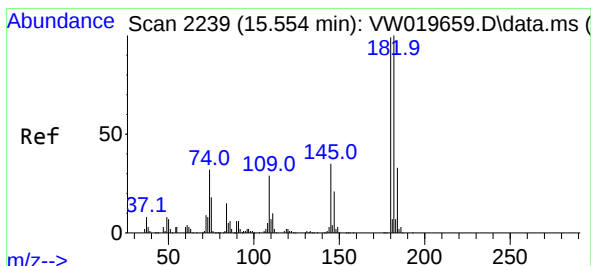
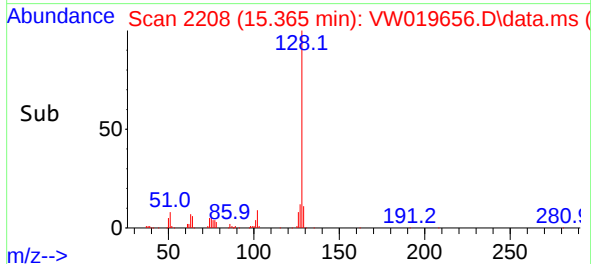
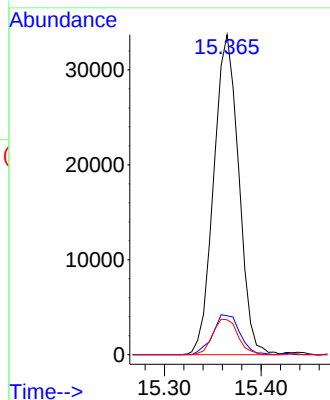
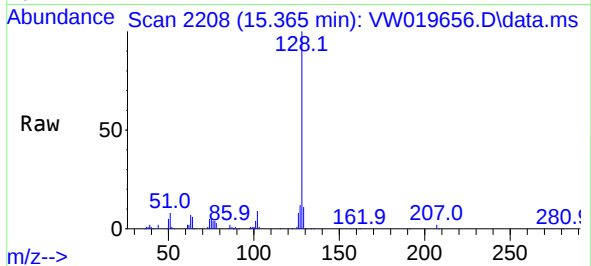
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 60553 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.6  | 10.2  | 15.2  |
| 129      | 11.2  | 8.8   | 13.2  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC005

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#96  
1,2,3-Trichlorobenzene  
Concen: 4.573 ug/l  
RT: 15.548 min Scan# 2238  
Delta R.T. -0.006 min  
Lab File: VW019656.D  
Acq: 03 Aug 2021 13:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 32993 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 97.7  | 48.5  | 145.6 |
| 145      | 34.8  | 17.4  | 52.2  |

