

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090821\  
 Data File : VW019994.D  
 Acq On : 08 Sep 2021 09:52  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda

9/10/2021 10:50:05 AM

Quant Time: Sep 09 04:07:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W090721S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 08 12:18:21 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.952  | 168   | 214577   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.842  | 114   | 320091   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.634 | 117   | 303281   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.554 | 152   | 161008   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.305  | 65    | 105411   | 42.317   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 84.640%  |
| 35) Dibromofluoromethane     | 7.885  | 113   | 97371    | 46.322   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 92.640%  |
| 50) Toluene-d8               | 10.323 | 98    | 383789   | 49.116   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 98.240%  |
| 62) 4-Bromofluorobenzene     | 12.615 | 95    | 147701   | 51.086   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 102.180% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.014  | 85    | 65551    | 50.304   | ug/l   | 96       |
| 3) Chloromethane             | 2.221  | 50    | 87755    | 45.241   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.373  | 62    | 152572   | 48.509   | ug/l   | 98       |
| 5) Bromomethane              | 2.788  | 94    | 116766   | 45.792   | ug/l   | 97       |
| 6) Chloroethane              | 2.928  | 64    | 102190   | 47.166   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.263  | 101   | 97427    | 54.140   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.684  | 74    | 52312    | 47.473   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.074  | 101   | 112828   | 48.020   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.275  | 142   | 154047   | 47.873   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.184  | 59    | 27348    | 229.370  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.044  | 96    | 109841   | 49.612   | ug/l   | 96       |
| 13) Acrolein                 | 3.897  | 56    | 17383    | 191.333  | ug/l   | 97       |
| 14) Allyl chloride           | 4.672  | 41    | 146559   | 48.671   | ug/l   | 100      |
| 15) Acrylonitrile            | 5.367  | 53    | 109754   | 239.019  | ug/l   | 100      |
| 16) Acetone                  | 4.129  | 43    | 111213   | 277.966  | ug/l   | 93       |
| 17) Carbon Disulfide         | 4.391  | 76    | 323997   | 48.089   | ug/l   | 100      |
| 18) Methyl Acetate           | 4.672  | 43    | 50046    | 44.060   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.428  | 73    | 144281   | 49.393   | ug/l   | 97       |
| 20) Methylene Chloride       | 4.916  | 84    | 114416   | 44.902   | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 5.428  | 96    | 121572   | 48.345   | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.312  | 45    | 301880   | 47.311   | ug/l   | 99       |
| 23) Vinyl Acetate            | 6.257  | 43    | 854620   | 220.817  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.220  | 63    | 209376   | 46.339   | ug/l   | 99       |
| 25) 2-Butanone               | 7.171  | 43    | 145389   | 253.462  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.171  | 77    | 137337   | 50.266   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.171  | 96    | 128045   | 47.679   | ug/l   | 100      |
| 28) Bromochloromethane       | 7.513  | 49    | 77783    | 43.372   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.531  | 42    | 87415    | 244.951  | ug/l   | 100      |
| 30) Chloroform               | 7.677  | 83    | 214490   | 45.051   | ug/l   | 97       |
| 31) Cyclohexane              | 7.958  | 56    | 191587   | 47.179   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 7.878  | 97    | 182269   | 47.310   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.086  | 75    | 176411   | 52.390   | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.257  | 43    | 64610    | 52.188   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.073  | 117   | 176946   | 51.535   | ug/l   | 100      |
| 39) Methylcyclohexane        | 9.335  | 83    | 216532   | 55.487   | ug/l   | 99       |
| 40) Benzene                  | 8.323  | 78    | 463459   | 49.965   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090821\  
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 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda

9/10/2021 10:50:05 AM

Quant Time: Sep 09 04:07:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W090721S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 08 12:18:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.482  | 41   | 36107    | 52.689  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.403  | 62   | 139020   | 48.813  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.427  | 43   | 121840   | 51.855  | ug/l   | 98       |
| 44) Trichloroethene           | 9.092  | 130  | 125719   | 51.656  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.372  | 63   | 111682   | 49.519  | ug/l   | 99       |
| 46) Dibromomethane            | 9.463  | 93   | 61333    | 48.205  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.646  | 83   | 157608   | 49.720  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.439  | 41   | 57285    | 48.861  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.457  | 88   | 15480    | 865.745 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.213 | 43   | 328516   | 269.652 | ug/l   | 100      |
| 52) Toluene                   | 10.390 | 92   | 311964   | 53.125  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.604 | 75   | 157316   | 51.733  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 178688   | 50.474  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 82730    | 47.979  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 107911   | 48.372  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 147596   | 49.893  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 225598   | 256.221 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.969 | 43   | 234725   | 288.299 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.128 | 129  | 100146   | 50.169  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 81103    | 50.232  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.866 | 164  | 104861   | 49.829  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.658 | 112  | 321973   | 49.394  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 116372   | 50.094  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.731 | 91   | 618478   | 53.780  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.841 | 106  | 474513   | 104.552 | ug/l   | 100      |
| 69) o-Xylene                  | 12.164 | 106  | 220136   | 48.348  | ug/l   | 100      |
| 70) Styrene                   | 12.183 | 104  | 377304   | 48.505  | ug/l   | 99       |
| 71) Bromoform                 | 12.347 | 173  | 58924    | 51.517  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.463 | 105  | 614906   | 48.540  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.274 | 43   | 123503   | 46.359  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 102038   | 48.775  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 69624m   | 46.553  | ug/l   |          |
| 77) Bromobenzene              | 12.749 | 156  | 131469   | 49.748  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.804 | 91   | 765552   | 48.851  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 432357   | 51.780  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 541469   | 49.452  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 32414    | 47.025  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 457664   | 52.136  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.207 | 119  | 459873   | 49.396  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 525704   | 48.947  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.384 | 105  | 691270   | 49.735  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.499 | 119  | 586240   | 49.672  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 276317   | 49.313  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 275277   | 49.501  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.822 | 91   | 578626   | 51.257  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.091 | 117  | 108088   | 52.599  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 245554   | 50.454  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 17735    | 51.665  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.127 | 180  | 153930   | 51.874  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 92862    | 52.690  | ug/l   | 100      |
| 95) Naphthalene               | 15.365 | 128  | 287057   | 49.699  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 130618   | 50.219  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090821\  
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Operator : SY/VA  
Sample : VSTDCCC050  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

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9/10/2021 10:50:05 AM

Quant Time: Sep 09 04:07:38 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W090721S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 08 12:18:21 2021  
Response via : Initial Calibration

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

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

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Data File : VW019994.D  
Acq On : 08 Sep 2021 09:52  
Operator : SY/VA  
Sample : VSTDCCC050  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 2 Sample Multiplier: 1

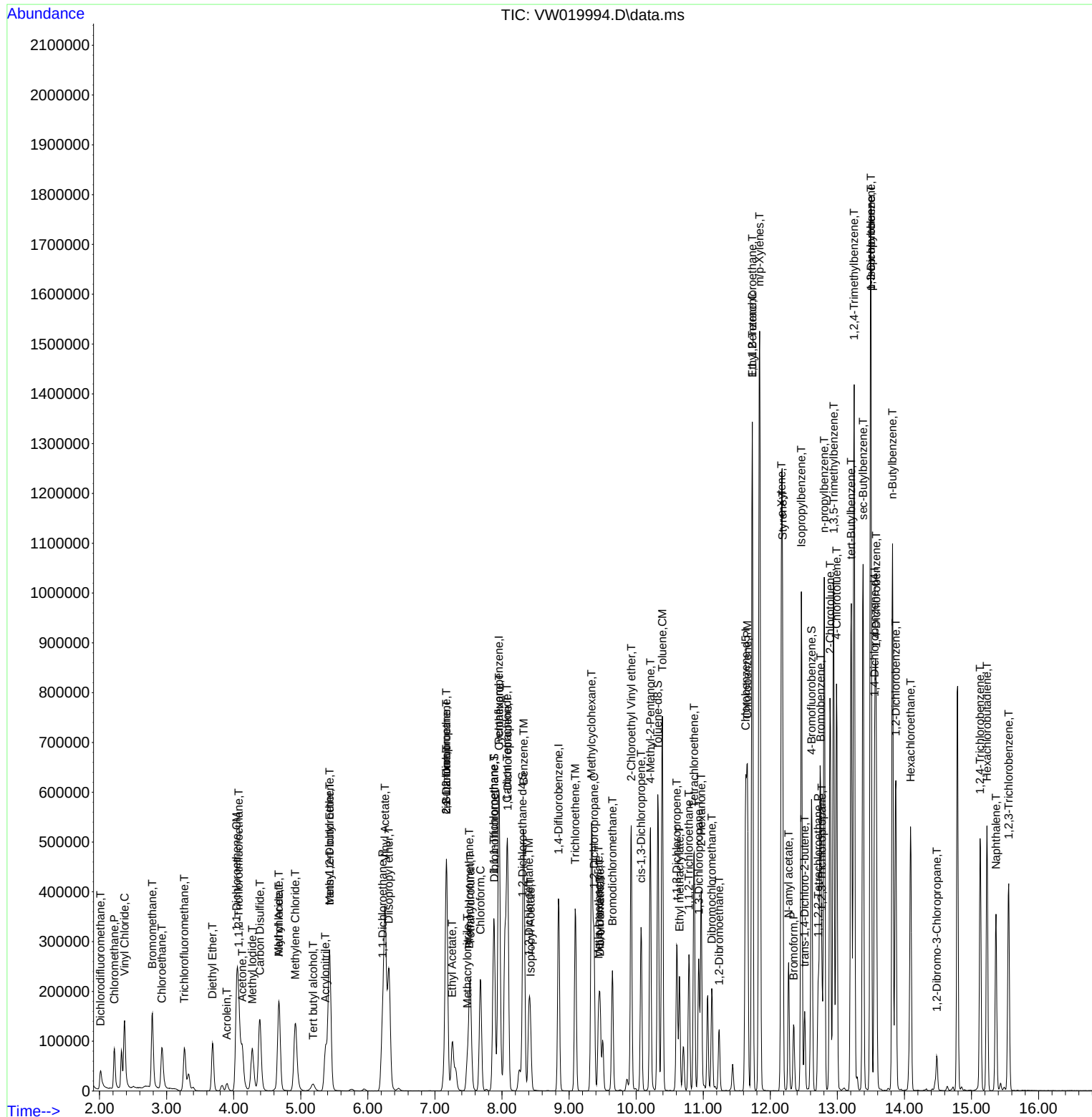
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

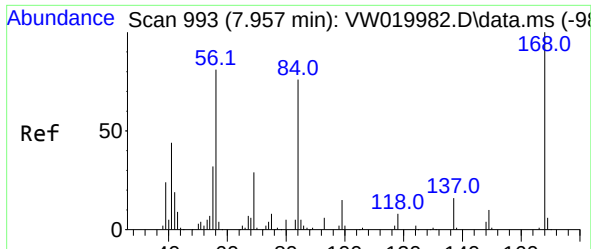
Manual Integrations  
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9/10/2021 10:50:05 AM

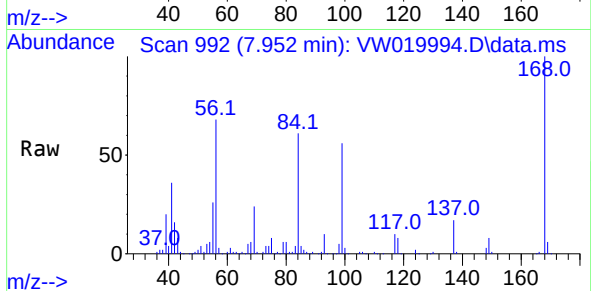
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W090721S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 08 12:18:21 2021  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.952 min Scan# 992  
Delta R.T. -0.005 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

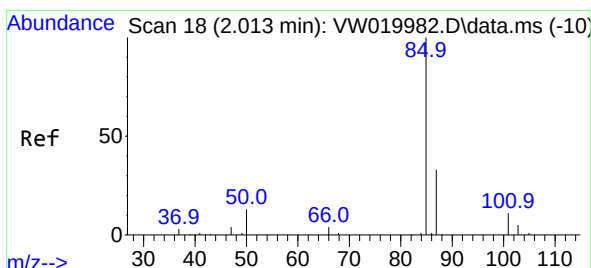
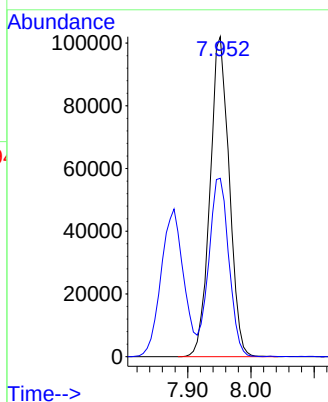
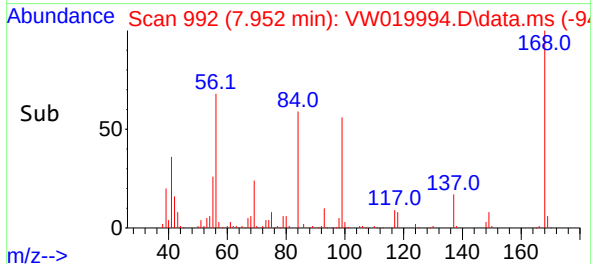


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Ion Ratio Lower Upper  
168 100  
99 55.7 42.9 64.3

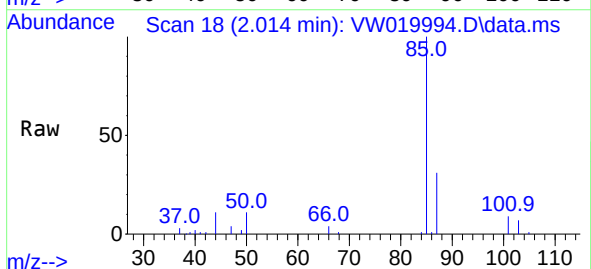
Manual Integrations  
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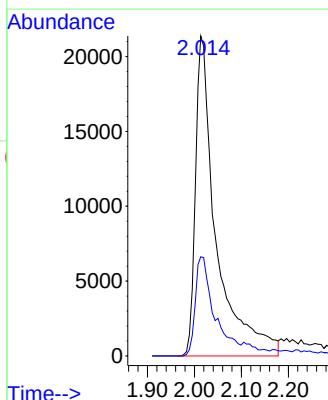
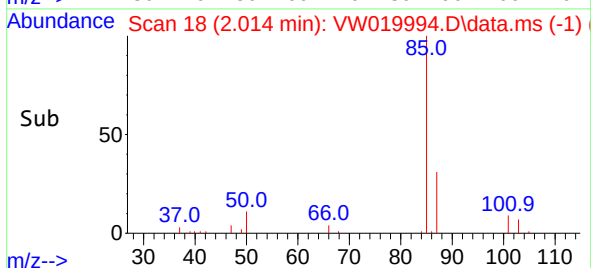
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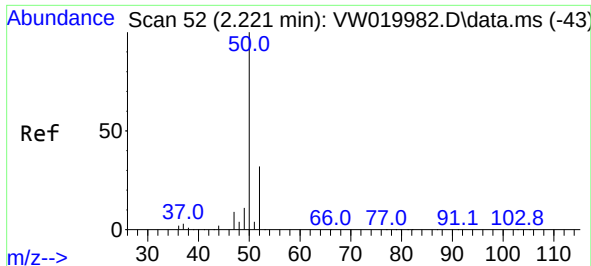


#2  
Dichlorodifluoromethane  
Concen: 50.304 ug/l  
RT: 2.014 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



Tgt Ion: 85 Resp: 65551  
Ion Ratio Lower Upper  
85 100  
87 31.0 16.7 50.0





#3  
Chloromethane  
Concen: 45.241 ug/l  
RT: 2.221 min Scan# 52  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

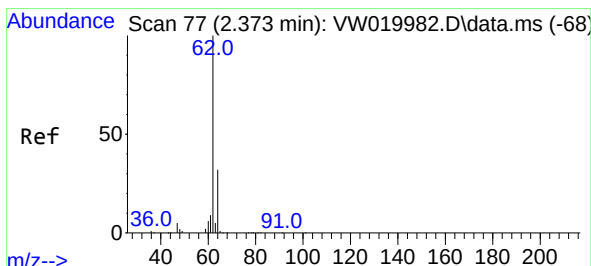
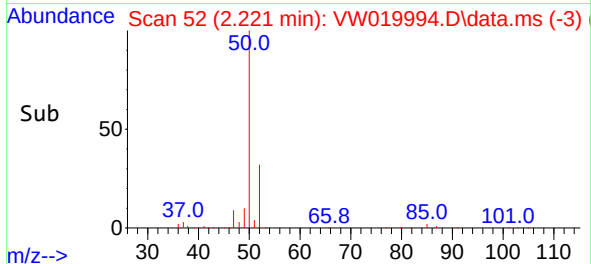
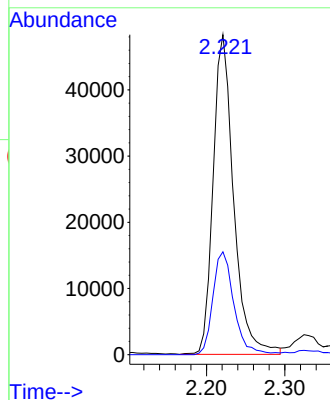
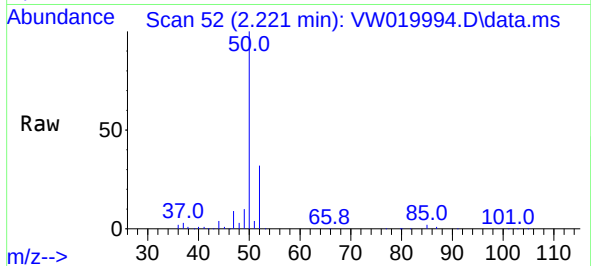
Tgt Ion: 50 Resp: 87755  
Ion Ratio Lower Upper  
50 100  
52 32.2 25.5 38.3

Instrument :  
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ClientSampleId :  
VSTDCCC050

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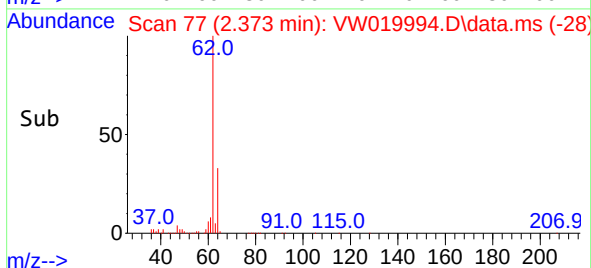
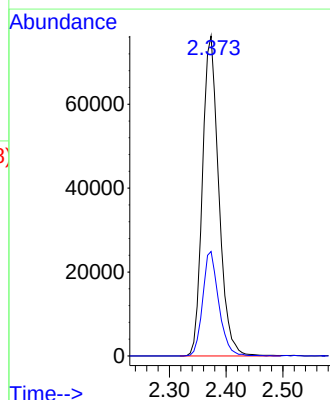
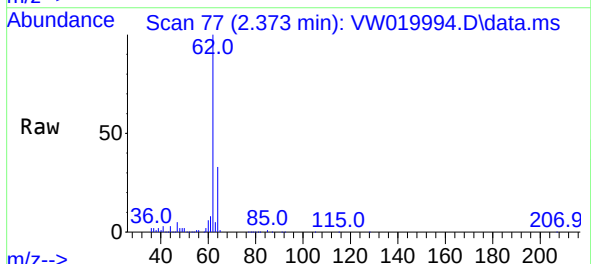
MMDadoda

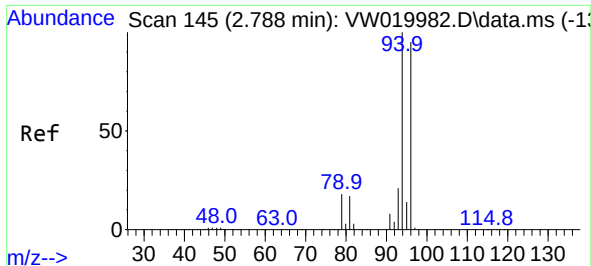
9/10/2021 10:50:05 AM



#4  
Vinyl Chloride  
Concen: 48.509 ug/l  
RT: 2.373 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

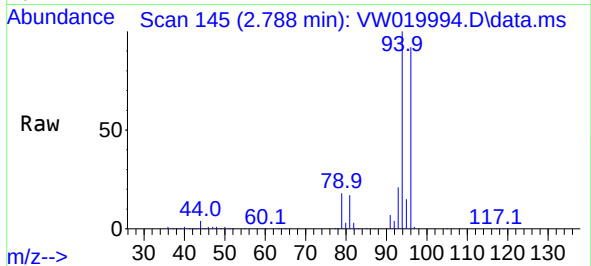
Tgt Ion: 62 Resp: 152572  
Ion Ratio Lower Upper  
62 100  
64 32.6 25.3 37.9





#5  
Bromomethane  
Concen: 45.792 ug/l  
RT: 2.788 min Scan# 145  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

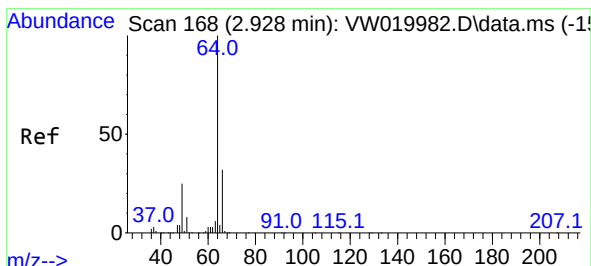
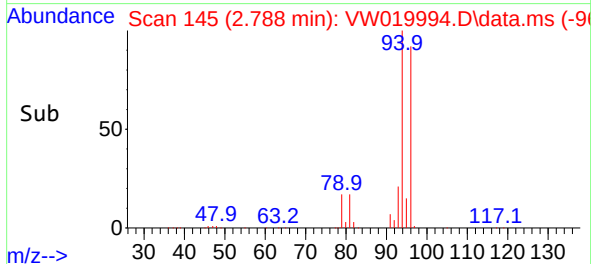
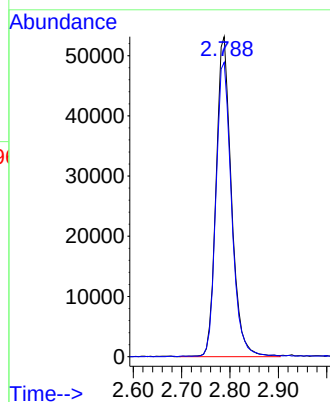


Tgt Ion: 94 Resp: 116766  
Ion Ratio Lower Upper  
94 100  
96 91.9 75.7 113.5

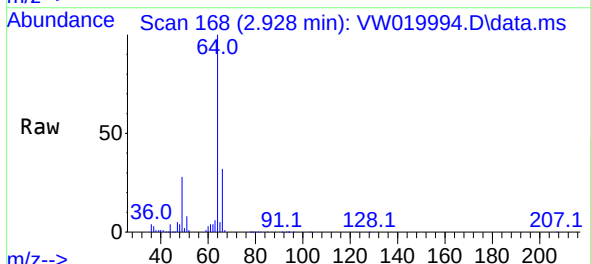
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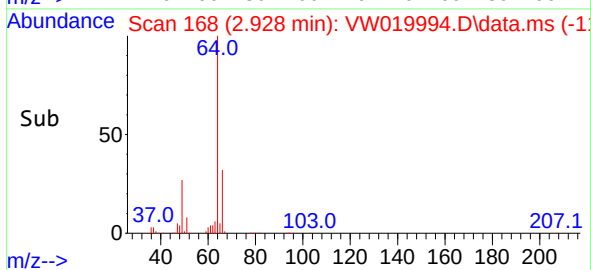
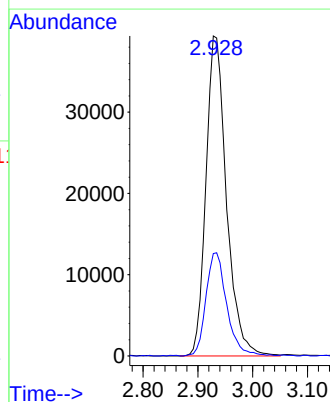
9/10/2021 10:50:05 AM

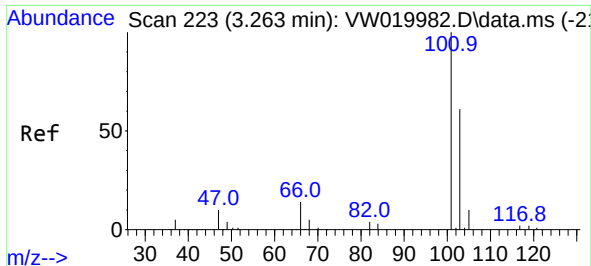


#6  
Chloroethane  
Concen: 47.166 ug/l  
RT: 2.928 min Scan# 168  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



Tgt Ion: 64 Resp: 102190  
Ion Ratio Lower Upper  
64 100  
66 32.0 25.4 38.2





#7  
 Trichlorofluoromethane  
 Concen: 54.140 ug/l  
 RT: 3.263 min Scan# 223  
 Delta R.T. 0.000 min  
 Lab File: VW019994.D  
 Acq: 08 Sep 2021 09:52

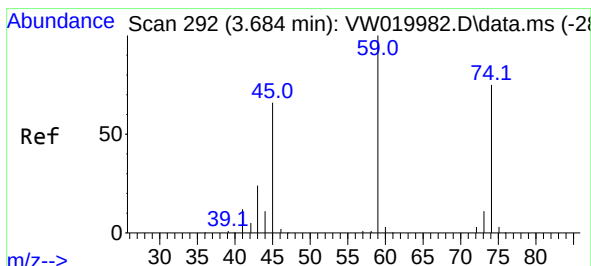
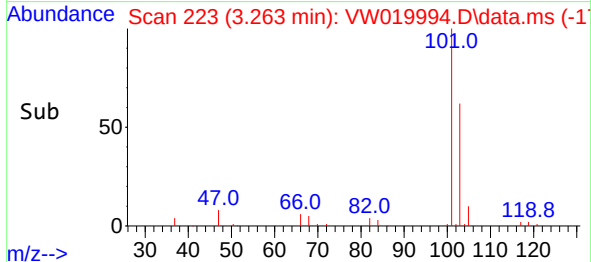
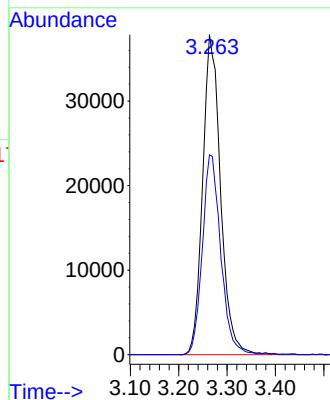
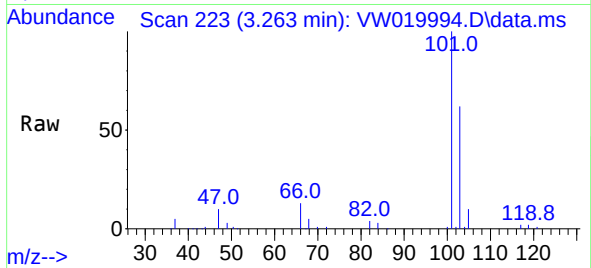
Tgt Ion:101 Resp: 97427  
 Ion Ratio Lower Upper  
 101 100  
 103 62.4 48.8 73.2

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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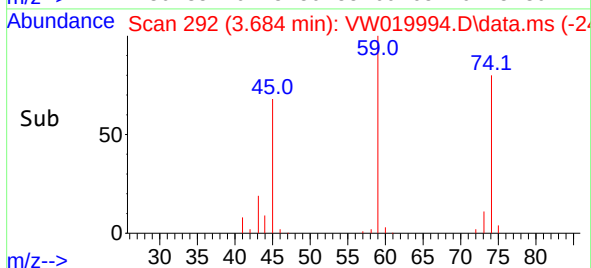
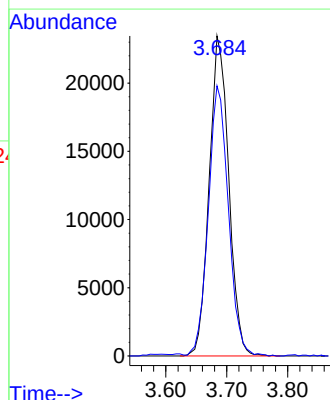
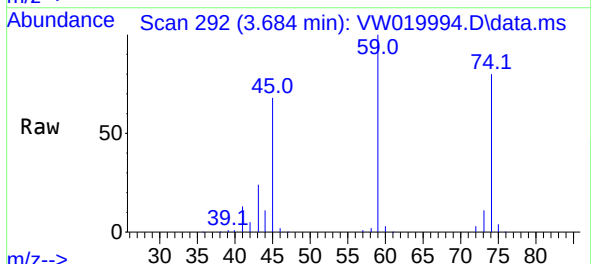
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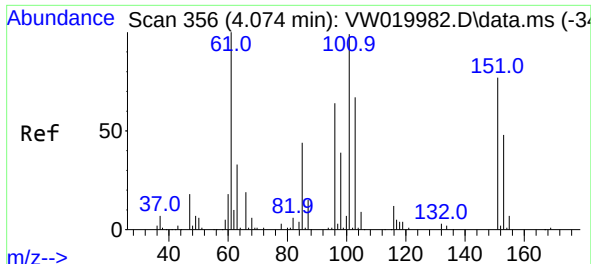


#8  
 Diethyl Ether  
 Concen: 47.473 ug/l  
 RT: 3.684 min Scan# 292  
 Delta R.T. 0.000 min  
 Lab File: VW019994.D  
 Acq: 08 Sep 2021 09:52

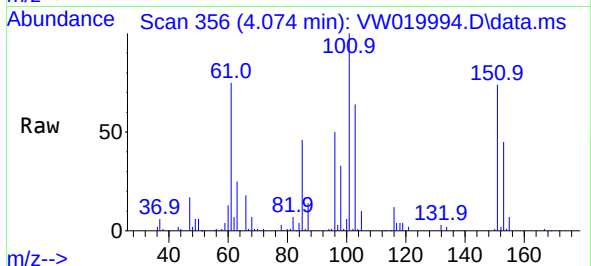
Tgt Ion: 74 Resp: 52312  
 Ion Ratio Lower Upper  
 74 100  
 45 86.8 44.5 133.7



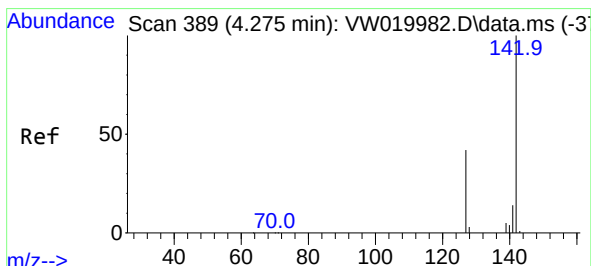
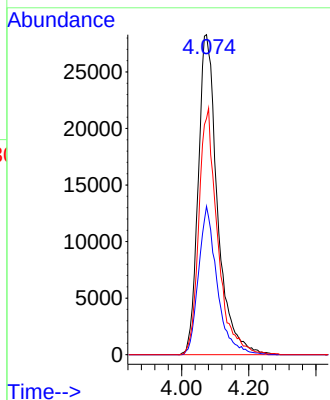
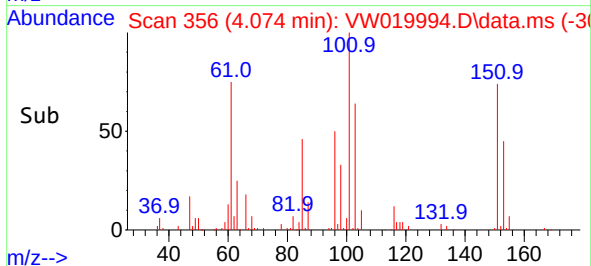




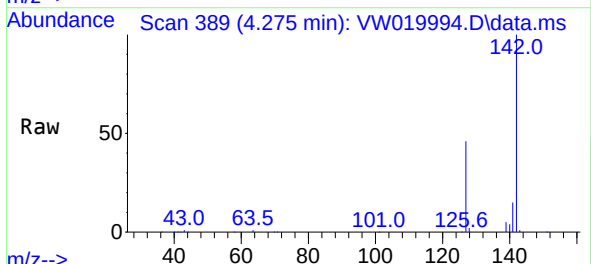
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.020 ug/l  
RT: 4.074 min Scan# 356  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



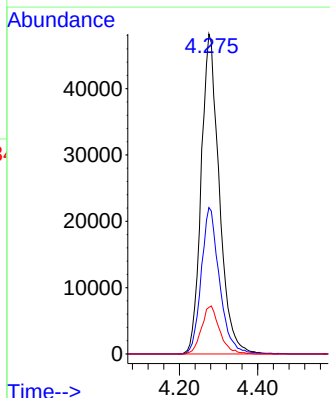
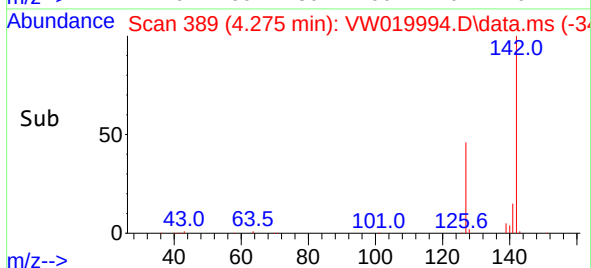
Tgt Ion:101 Resp: 112828  
Ion Ratio Lower Upper  
101 100  
85 44.8 36.6 54.8  
151 74.9 59.9 89.9



#10  
Methyl Iodide  
Concen: 47.873 ug/l  
RT: 4.275 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



Tgt Ion:142 Resp: 154047  
Ion Ratio Lower Upper  
142 100  
127 46.3 36.4 54.6  
141 15.0 11.8 17.8

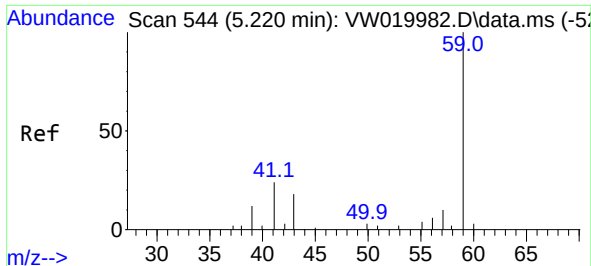


Instrument :  
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#11  
Tert butyl alcohol  
Concen: 229.370 ug/l  
RT: 5.184 min Scan# 538  
Delta R.T. -0.036 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

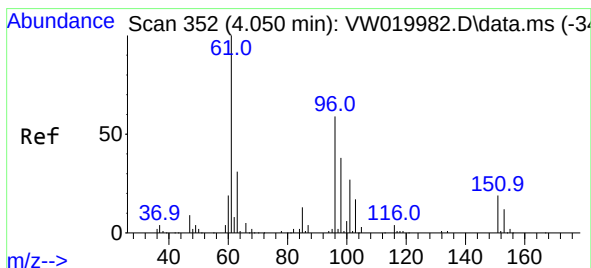
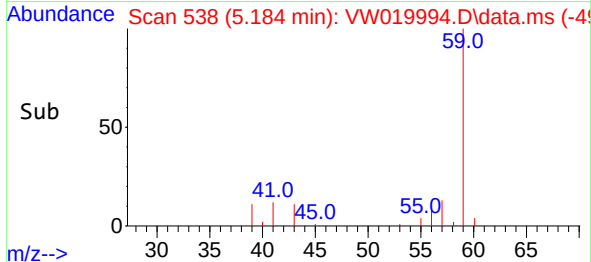
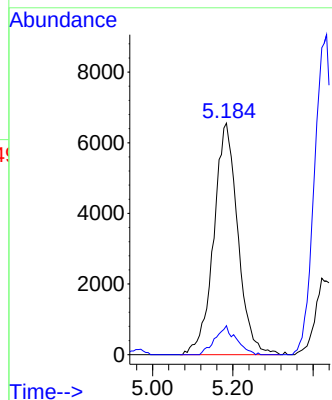
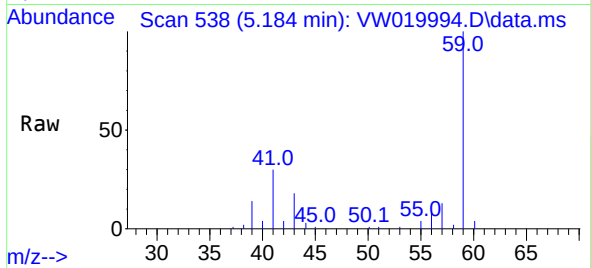
Tgt Ion: 59 Resp: 27348  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.4 12.6

Instrument :  
MSVOA\_W  
ClientSampled :  
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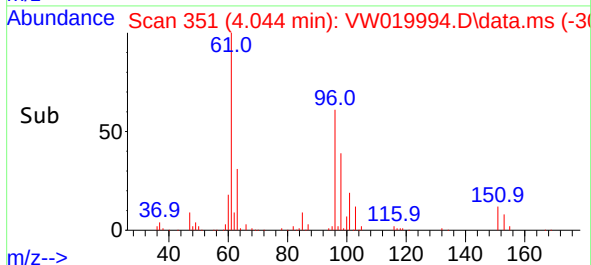
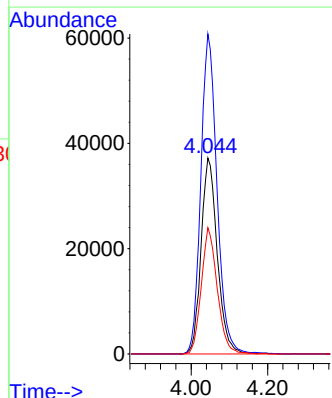
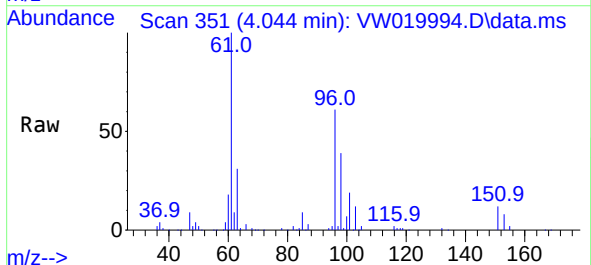
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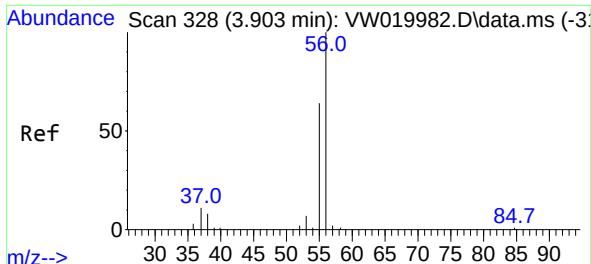
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#12  
1,1-Dichloroethene  
Concen: 49.612 ug/l  
RT: 4.044 min Scan# 351  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

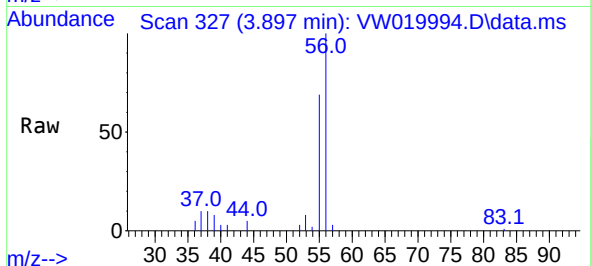
Tgt Ion: 96 Resp: 109841  
Ion Ratio Lower Upper  
96 100  
61 163.3 136.0 204.0  
98 64.5 51.5 77.3





#13  
Acrolein  
Concen: 191.333 ug/l  
RT: 3.897 min Scan# 327  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Instrument :  
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ClientSampleId :  
VSTDCCC050

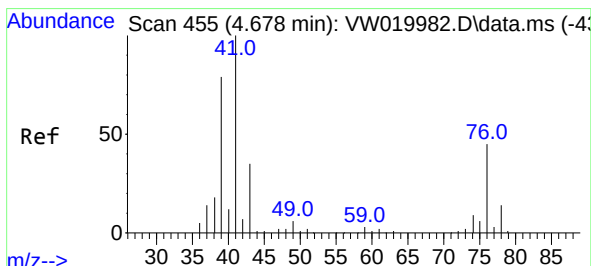
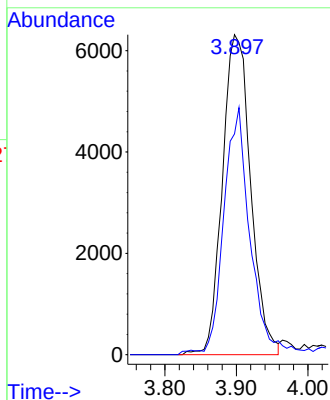
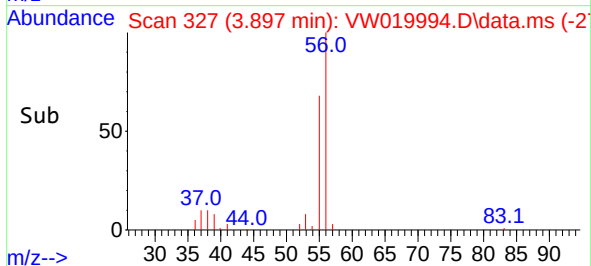


Tgt Ion: 56 Resp: 17383  
Ion Ratio Lower Upper  
56 100  
55 67.4 56.2 84.2

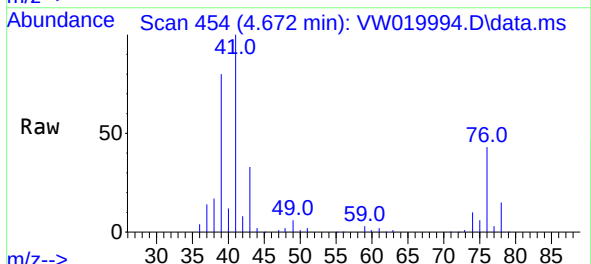
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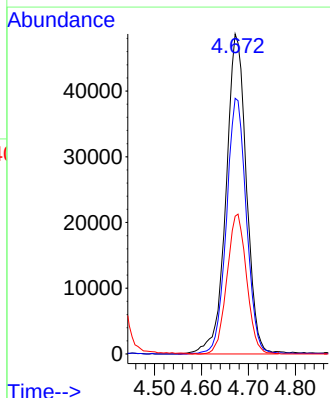
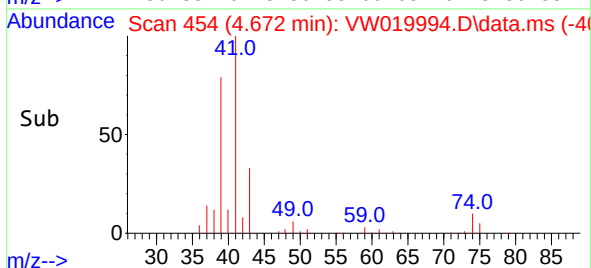
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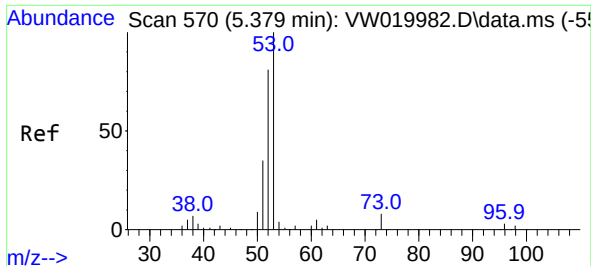


#14  
Allyl chloride  
Concen: 48.671 ug/l  
RT: 4.672 min Scan# 454  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

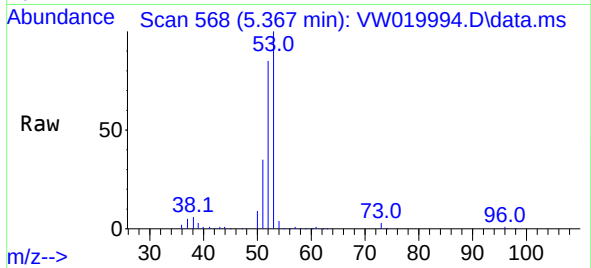


Tgt Ion: 41 Resp: 146559  
Ion Ratio Lower Upper  
41 100  
39 78.4 62.5 93.7  
76 42.2 33.8 50.8

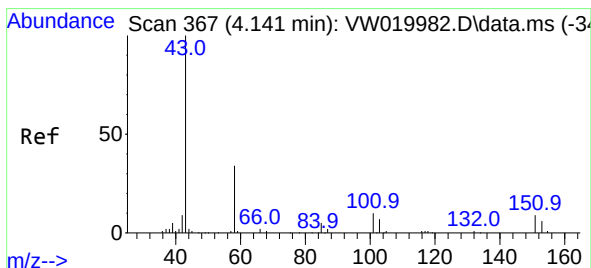
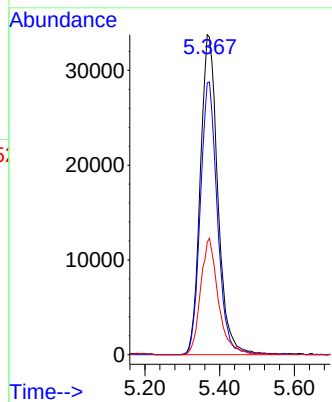
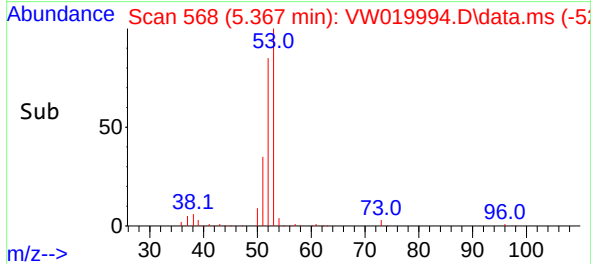




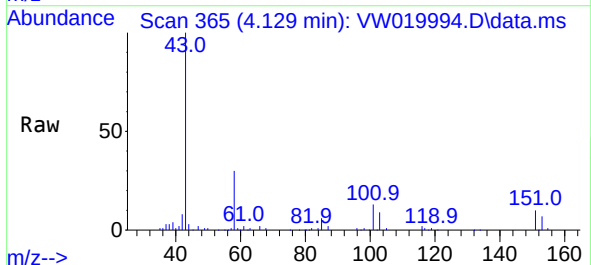
#15  
Acrylonitrile  
Concen: 239.019 ug/l  
RT: 5.367 min Scan# 568  
Delta R.T. -0.012 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



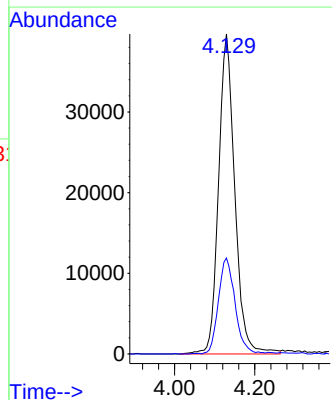
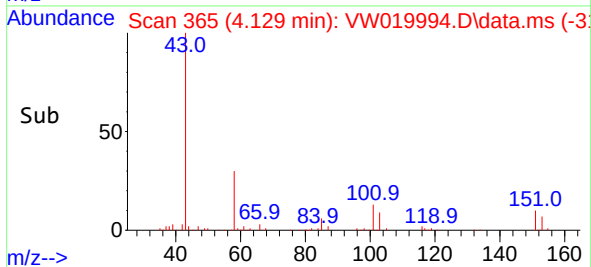
Tgt Ion: 53 Resp: 109754  
Ion Ratio Lower Upper  
53 100  
52 82.6 65.9 98.9  
51 36.8 29.8 44.8



#16  
Acetone  
Concen: 277.966 ug/l  
RT: 4.129 min Scan# 365  
Delta R.T. -0.012 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



Tgt Ion: 43 Resp: 111213  
Ion Ratio Lower Upper  
43 100  
58 30.0 27.2 40.8

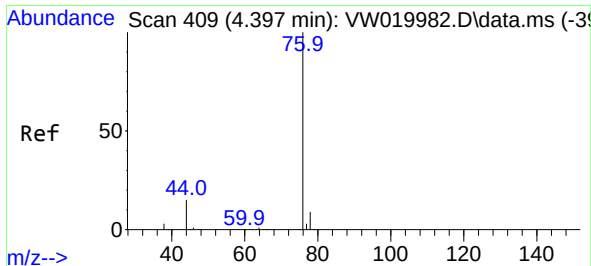


Instrument :  
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#17  
Carbon Disulfide  
Concen: 48.089 ug/l  
RT: 4.391 min Scan# 408  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

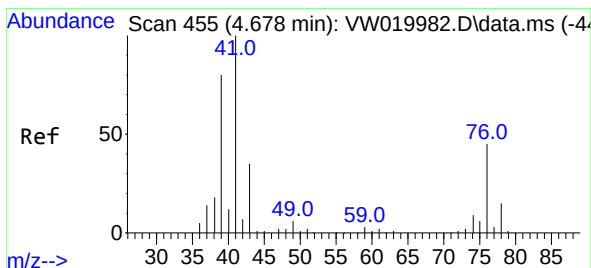
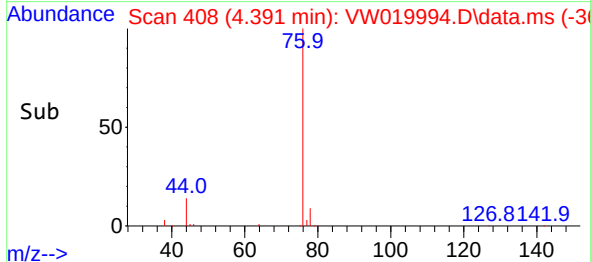
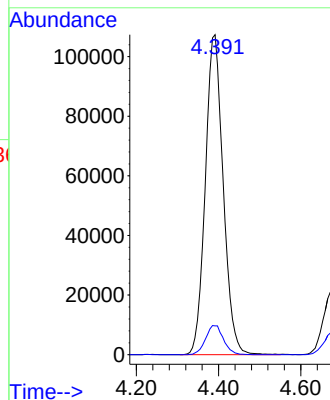
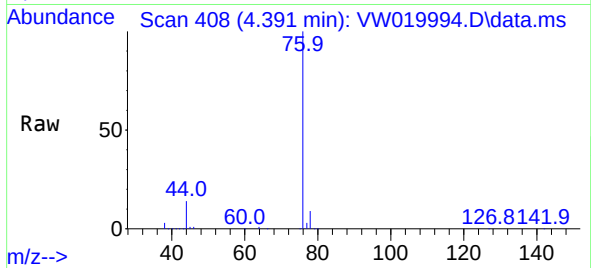
Tgt Ion: 76 Resp: 323997  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.1 10.7

Instrument :  
MSVOA\_W  
ClientSampleId :  
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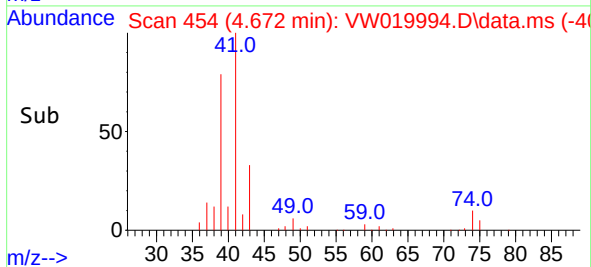
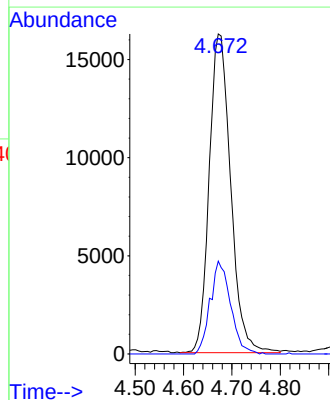
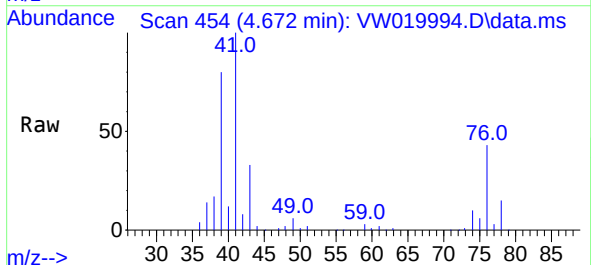
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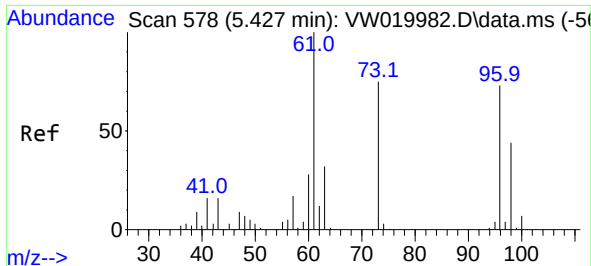
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#18  
Methyl Acetate  
Concen: 44.060 ug/l  
RT: 4.672 min Scan# 454  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 43 Resp: 50046  
Ion Ratio Lower Upper  
43 100  
74 27.6 21.0 31.6





#19  
Methyl tert-butyl Ether  
Concen: 49.393 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

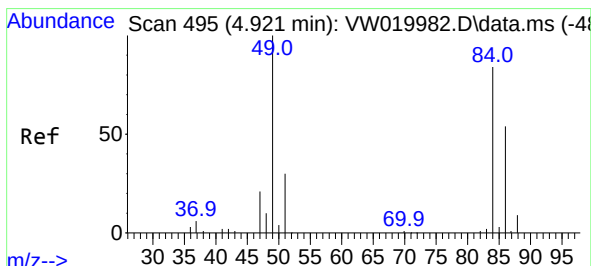
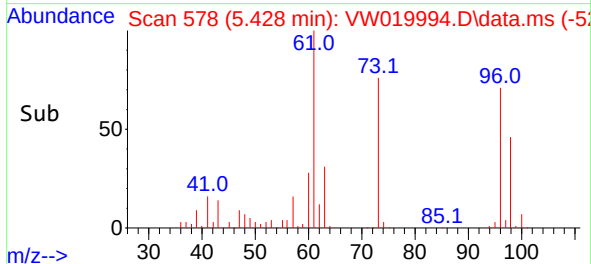
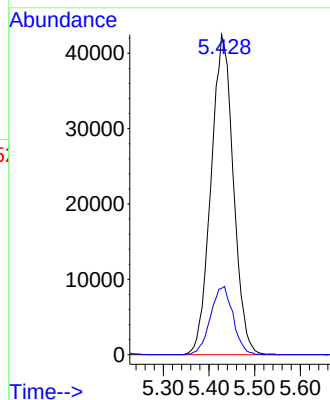
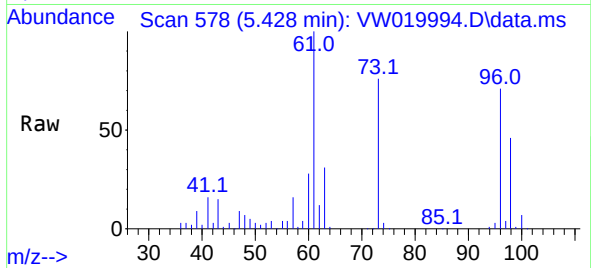
Tgt Ion: 73 Resp: 144281  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.7 26.5

Instrument :  
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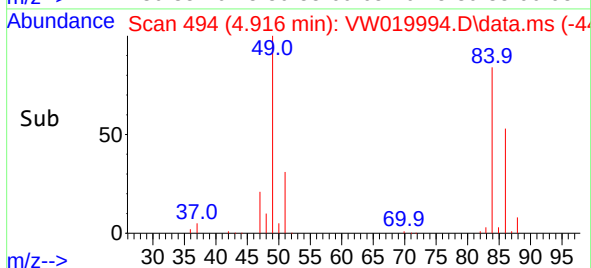
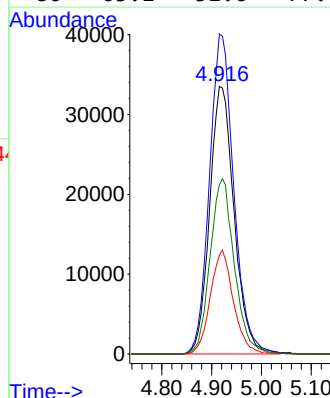
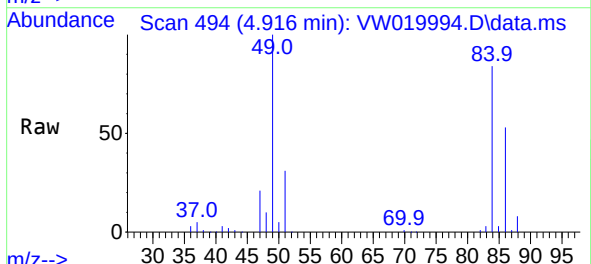
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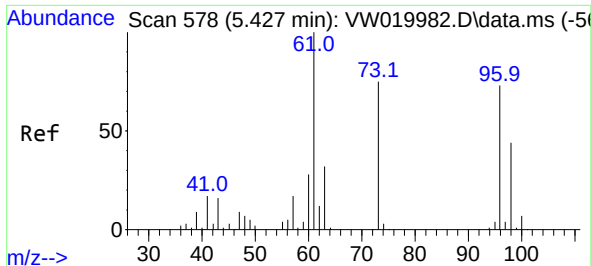
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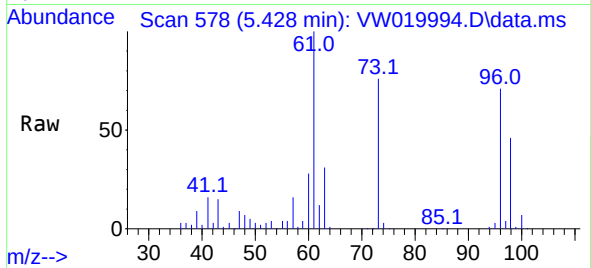
#20  
Methylene Chloride  
Concen: 44.902 ug/l  
RT: 4.916 min Scan# 494  
Delta R.T. -0.005 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 84 Resp: 114416  
Ion Ratio Lower Upper  
84 100  
49 119.6 95.4 143.0  
51 36.9 28.9 43.3  
86 63.1 51.6 77.4



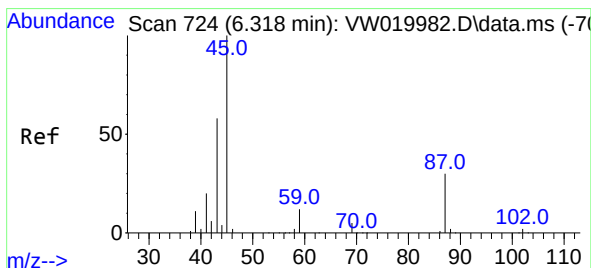
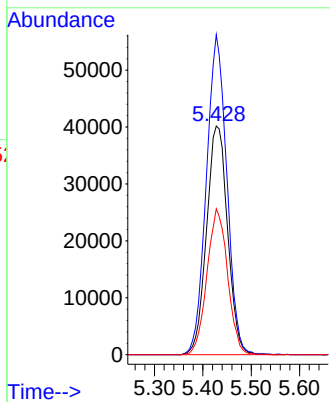
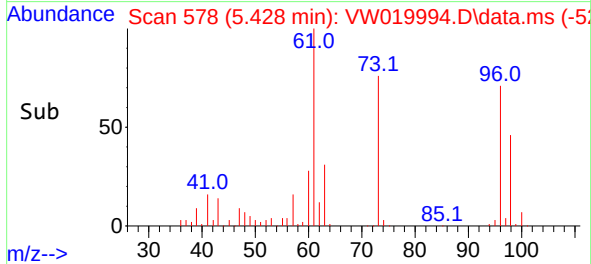


#21  
trans-1,2-Dichloroethene  
Concen: 48.345 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

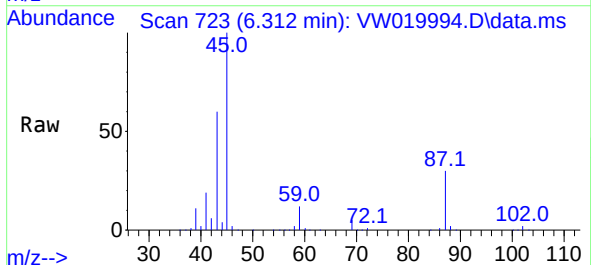


Tgt Ion: 96 Resp: 121572

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 139.9 | 109.3 | 163.9 |
| 98  | 63.8  | 48.3  | 72.5  |

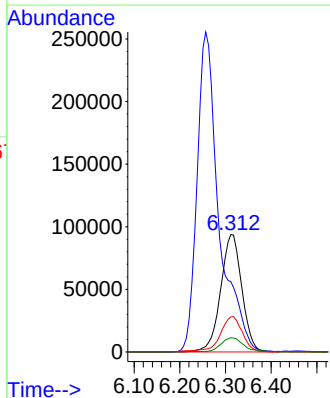
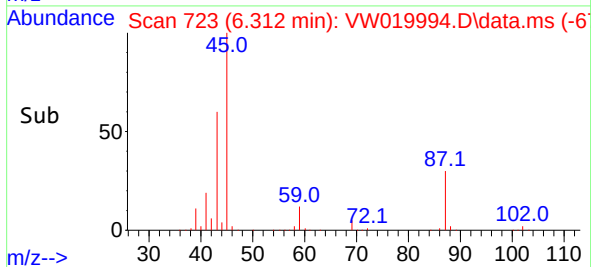


#22  
Diisopropyl ether  
Concen: 47.311 ug/l  
RT: 6.312 min Scan# 723  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



Tgt Ion: 45 Resp: 301880

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 59.5  | 46.8  | 70.2  |
| 87  | 29.8  | 24.3  | 36.5  |
| 59  | 11.9  | 10.1  | 15.1  |

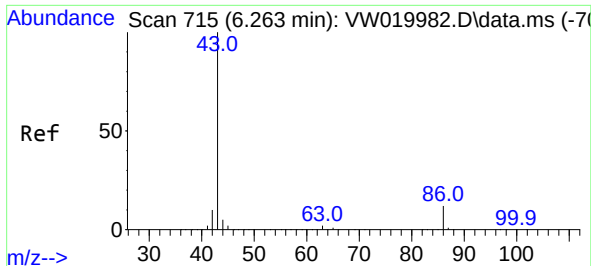


Instrument :  
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#23  
 Vinyl Acetate  
 Concen: 220.817 ug/l  
 RT: 6.257 min Scan# 714  
 Delta R.T. -0.006 min  
 Lab File: VW019994.D  
 Acq: 08 Sep 2021 09:52

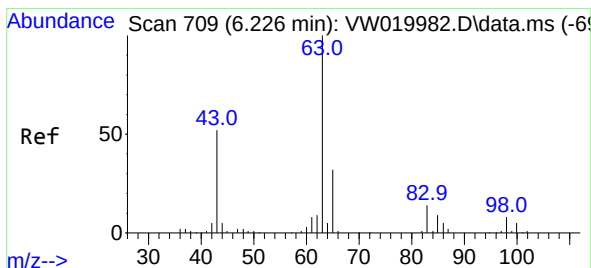
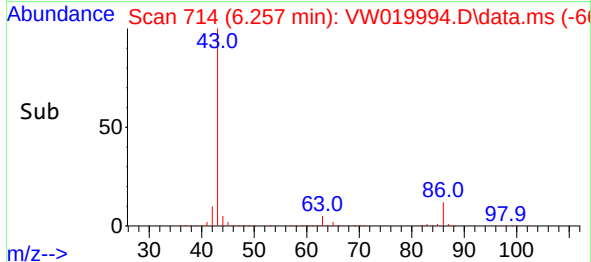
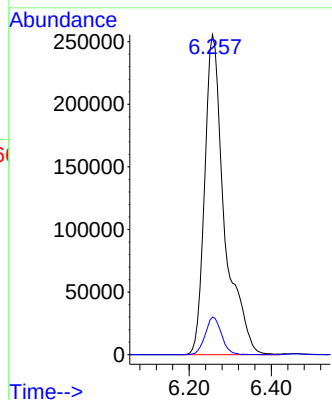
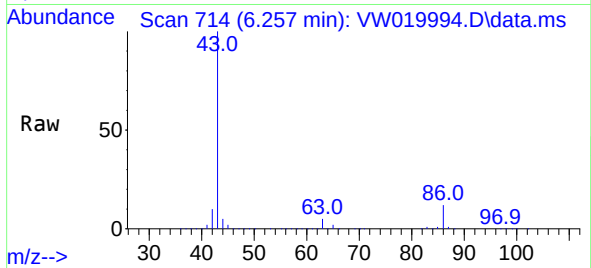
Tgt Ion: 43 Resp: 854620  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 9.3 13.9

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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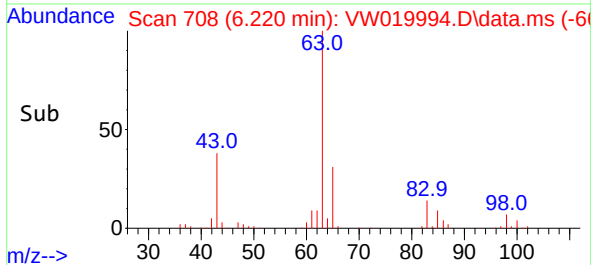
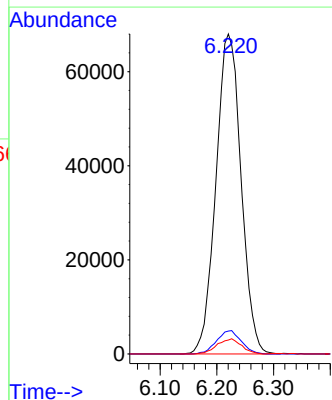
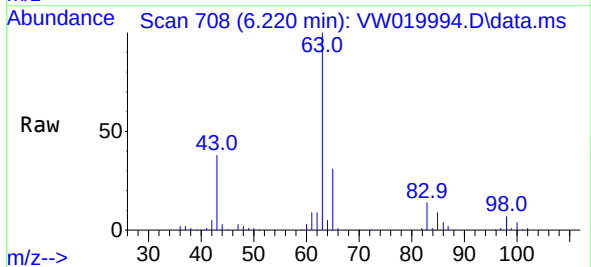
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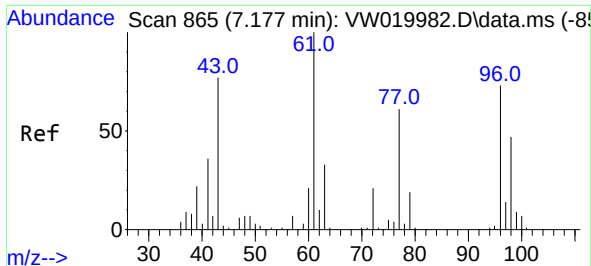


#24  
 1,1-Dichloroethane  
 Concen: 46.339 ug/l  
 RT: 6.220 min Scan# 708  
 Delta R.T. -0.006 min  
 Lab File: VW019994.D  
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Tgt Ion: 63 Resp: 209376  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.8 11.4  
 100 4.3 2.5 7.4







#25  
2-Butanone  
Concen: 253.462 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

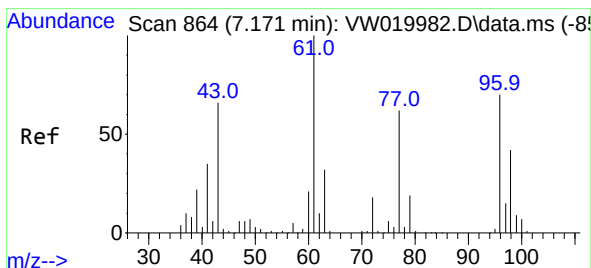
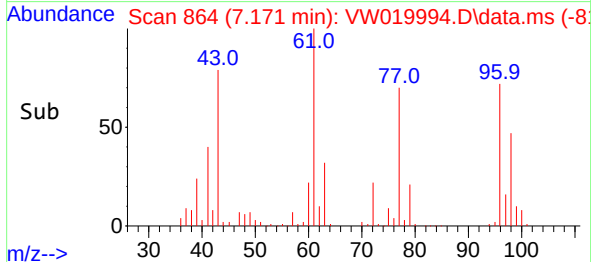
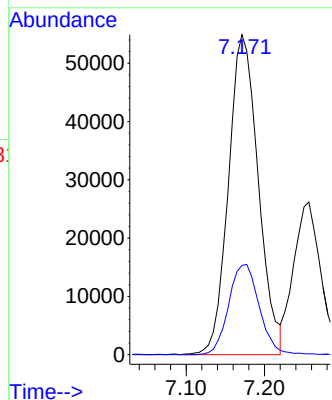
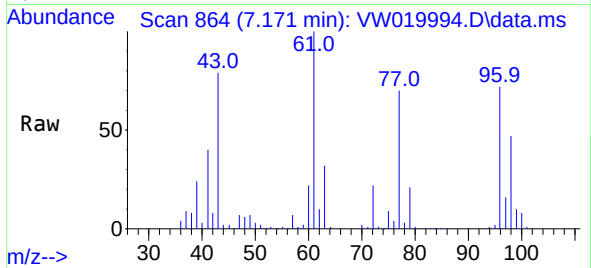
Tgt Ion: 43 Resp: 145389  
Ion Ratio Lower Upper  
43 100  
72 27.9 21.9 32.9

Instrument :  
MSVOA\_W  
ClientSampleId :  
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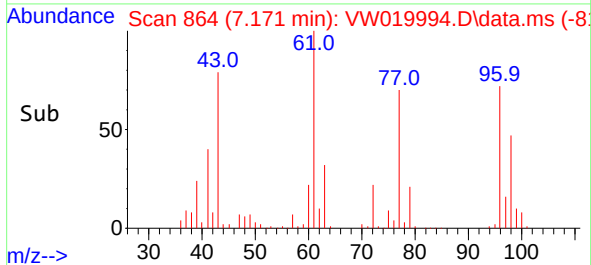
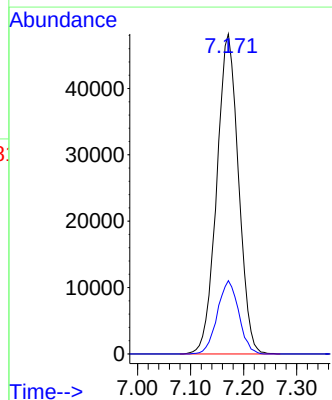
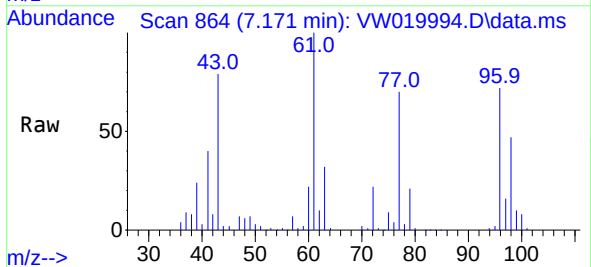
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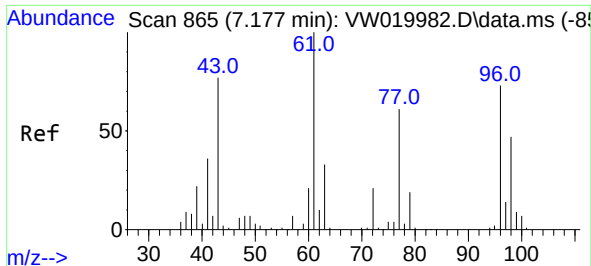
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#26  
2,2-Dichloropropane  
Concen: 50.266 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 77 Resp: 137337  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.4 34.1





#27  
 cis-1,2-Dichloroethene  
 Concen: 47.679 ug/l  
 RT: 7.171 min Scan# 864  
 Delta R.T. -0.006 min  
 Lab File: VW019994.D  
 Acq: 08 Sep 2021 09:52

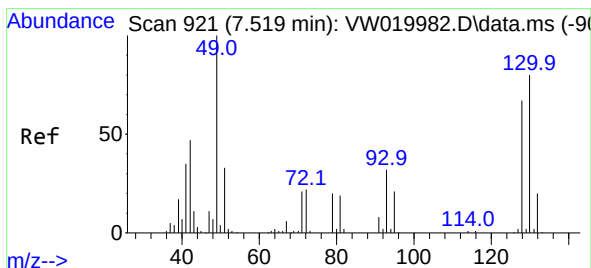
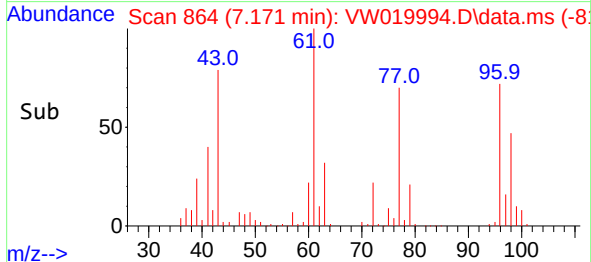
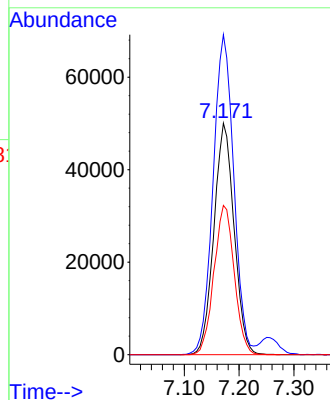
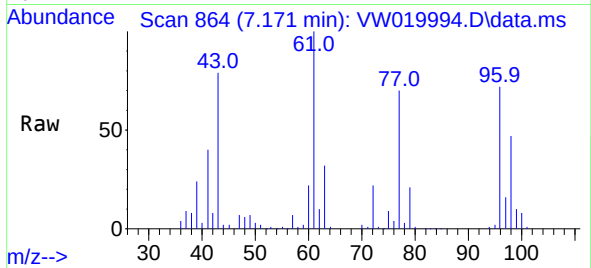
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 128045 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 141.4 | 0.0   | 282.6  |
| 98       | 64.8  | 0.0   | 127.6  |

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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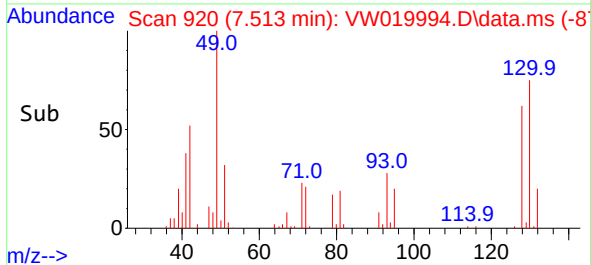
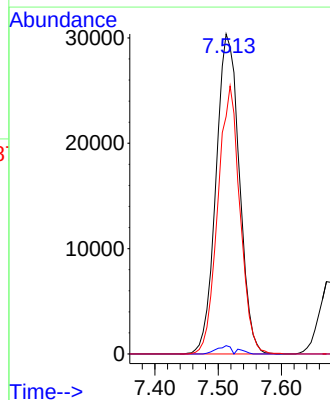
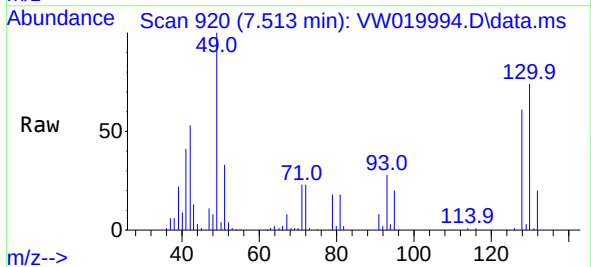
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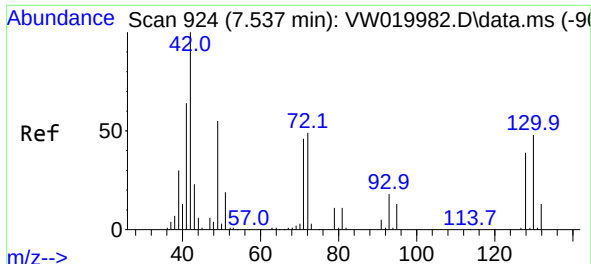
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#28  
 Bromochloromethane  
 Concen: 43.372 ug/l  
 RT: 7.513 min Scan# 920  
 Delta R.T. -0.006 min  
 Lab File: VW019994.D  
 Acq: 08 Sep 2021 09:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 77783 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.5   | 0.0   | 3.2   |
| 130      | 79.4  | 62.6  | 93.8  |





#29  
Tetrahydrofuran  
Concen: 244.951 ug/l  
RT: 7.531 min Scan# 923  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 42 Resp: 87415

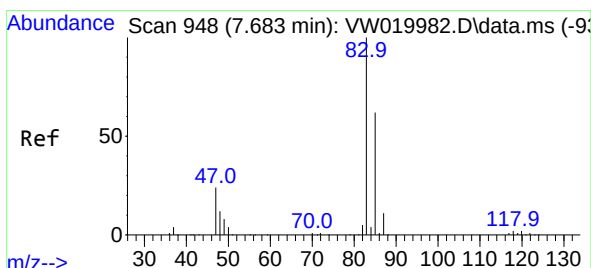
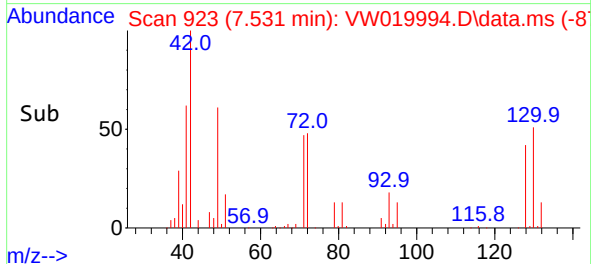
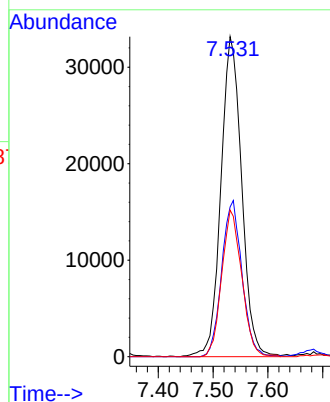
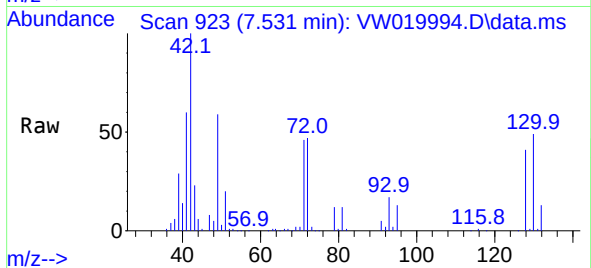
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 47.6  | 38.4  | 57.6  |
| 71  | 44.2  | 35.4  | 53.2  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
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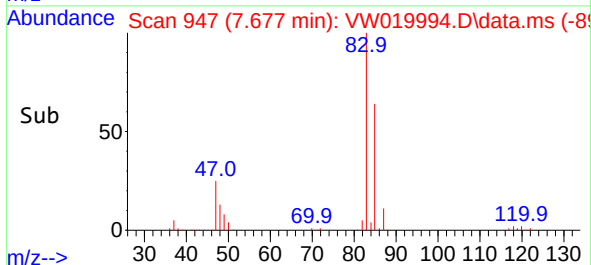
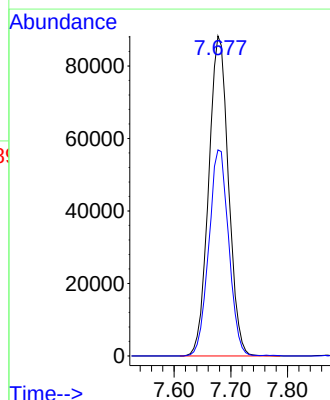
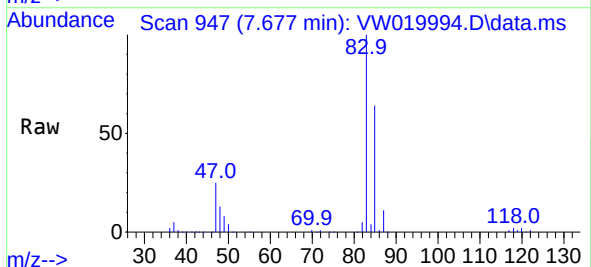
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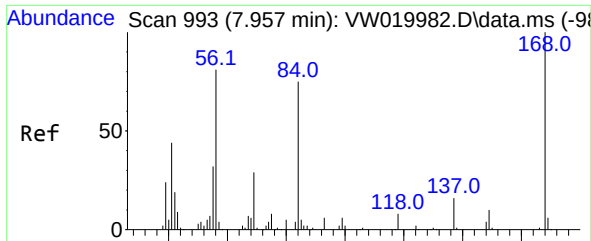


#30  
Chloroform  
Concen: 45.051 ug/l  
RT: 7.677 min Scan# 947  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

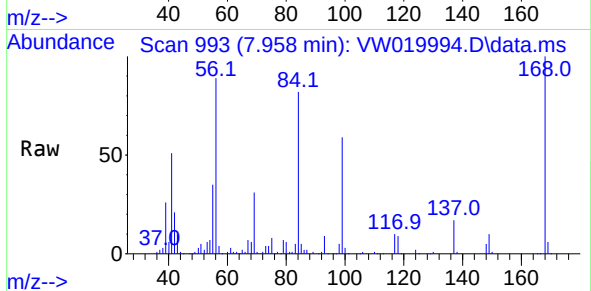
Tgt Ion: 83 Resp: 214490

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.4  | 49.8  | 74.8  |

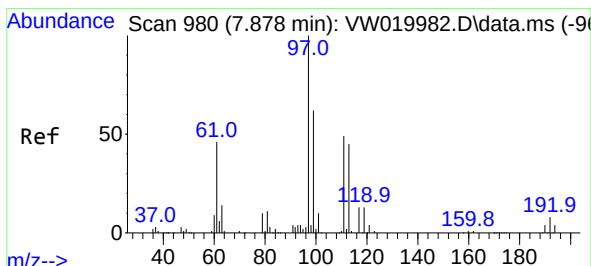
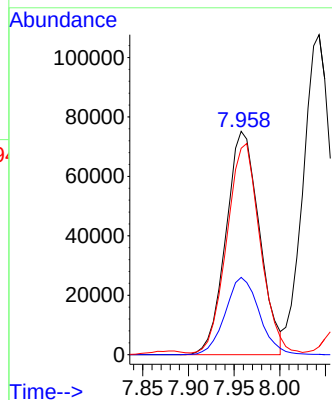
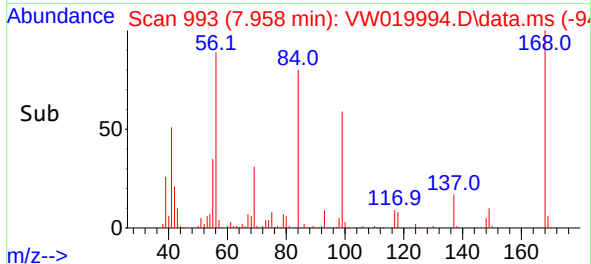




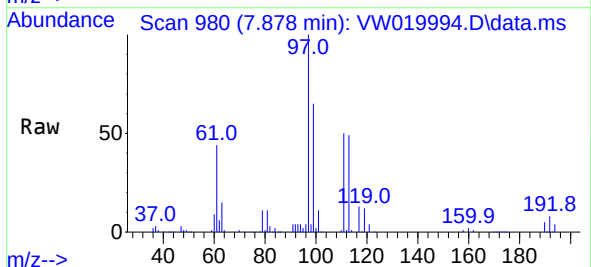
#31  
Cyclohexane  
Concen: 47.179 ug/l  
RT: 7.958 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



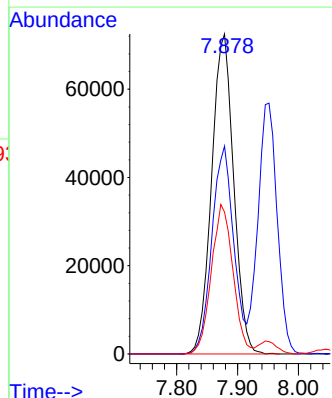
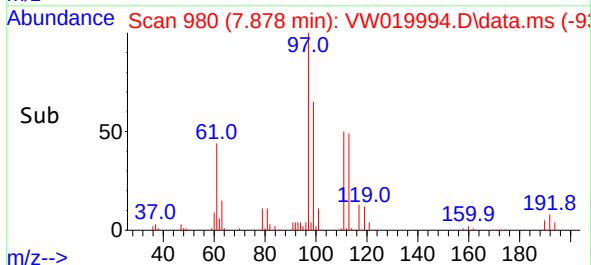
Tgt Ion: 56 Resp: 191587  
Ion Ratio Lower Upper  
56 100  
69 34.6 28.6 42.8  
84 91.3 74.5 111.7



#32  
1,1,1-Trichloroethane  
Concen: 47.310 ug/l  
RT: 7.878 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



Tgt Ion: 97 Resp: 182269  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.9 76.3  
61 46.1 36.1 54.1

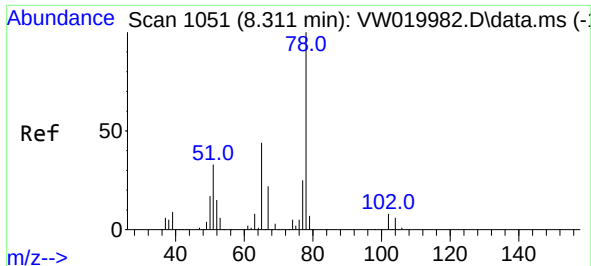


Instrument :  
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#33  
1,2-Dichloroethane-d4  
Concen: 42.317 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

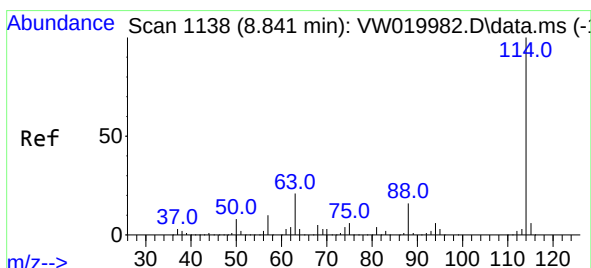
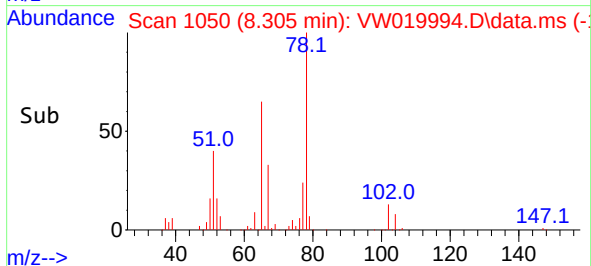
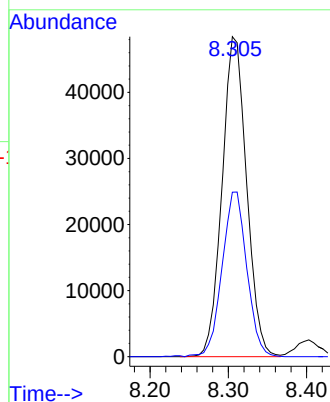
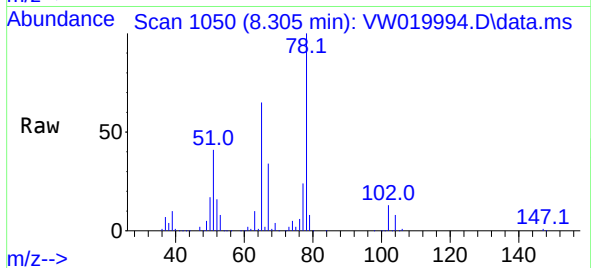
Tgt Ion: 65 Resp: 105411  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 102.2

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

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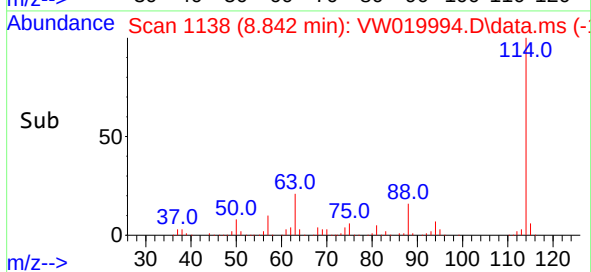
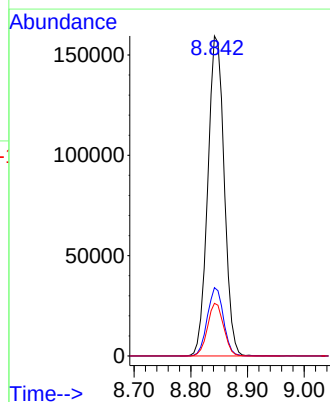
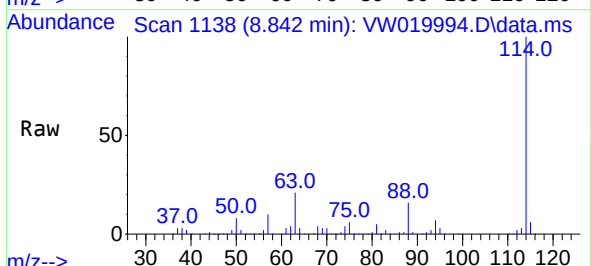
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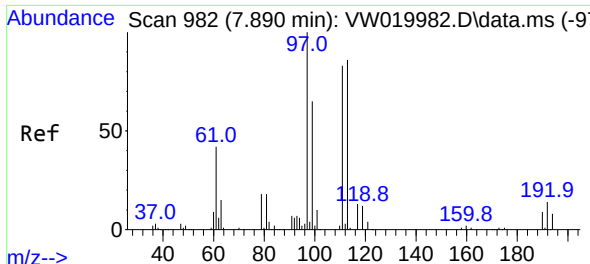
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#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. 0.001 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 114 Resp: 320091  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 41.6  
88 16.4 0.0 31.8





#35  
Dibromofluoromethane  
Concen: 46.322 ug/l  
RT: 7.885 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 113 Resp: 97371

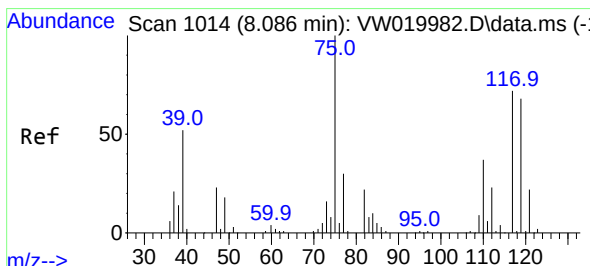
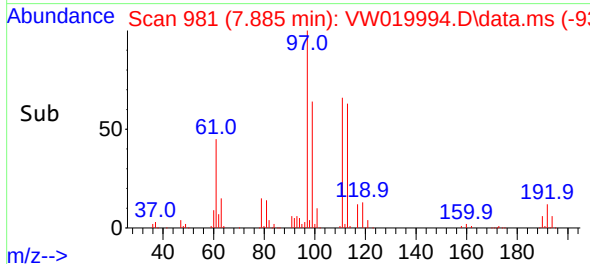
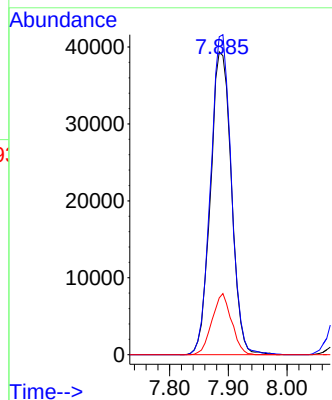
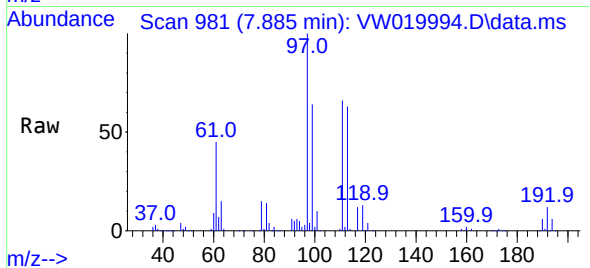
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 104.0 | 81.6  | 122.4 |
| 192 | 18.8  | 14.6  | 22.0  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
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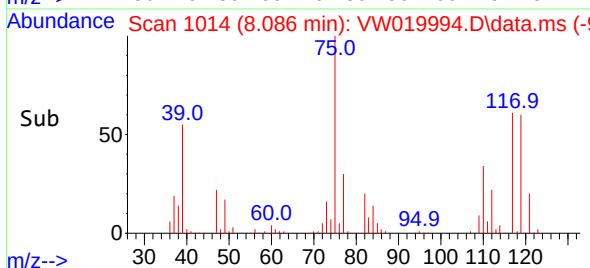
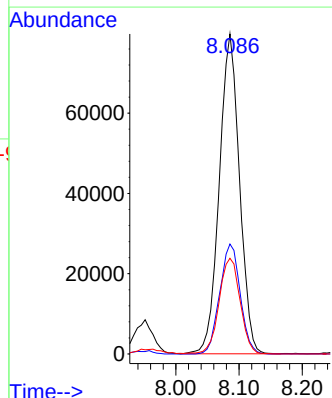
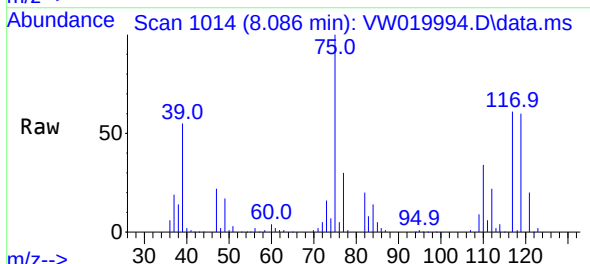
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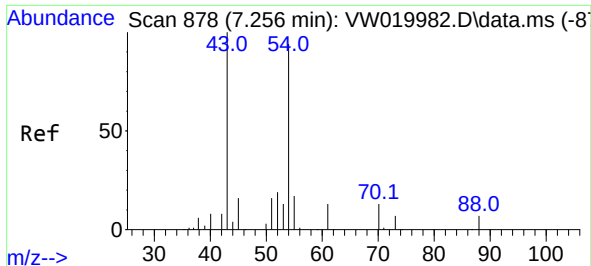


#36  
1,1-Dichloropropene  
Concen: 52.390 ug/l  
RT: 8.086 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

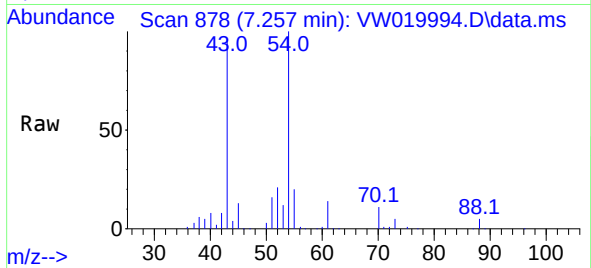
Tgt Ion: 75 Resp: 176411

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 34.7  | 17.4  | 52.3  |
| 77  | 31.2  | 24.8  | 37.2  |

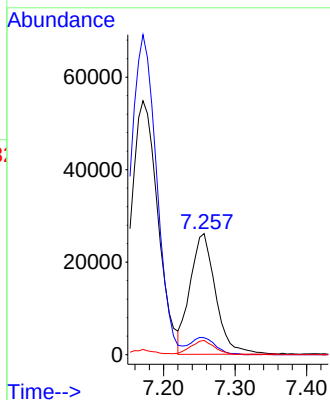




#37  
Ethyl Acetate  
Concen: 52.188 ug/l  
RT: 7.257 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 64610 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 14.2  | 11.7  | 17.5  |
| 70        | 11.2  | 9.3   | 13.9  |

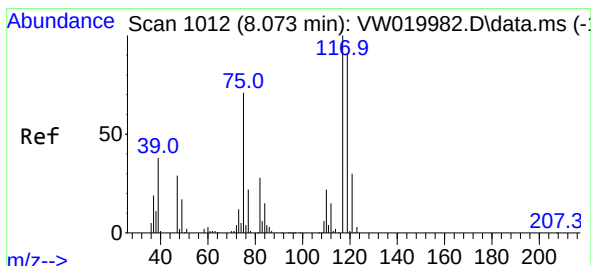


Instrument :  
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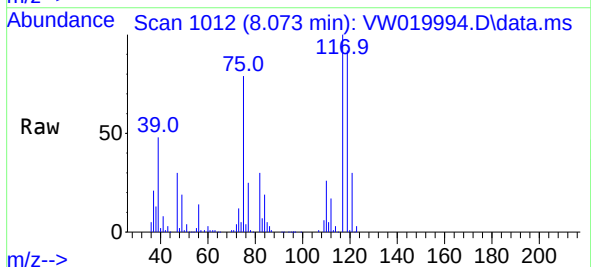
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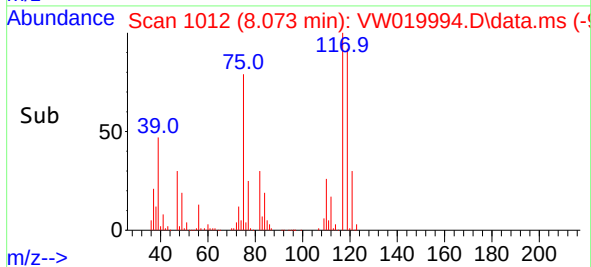
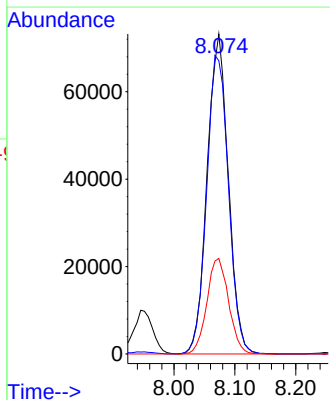
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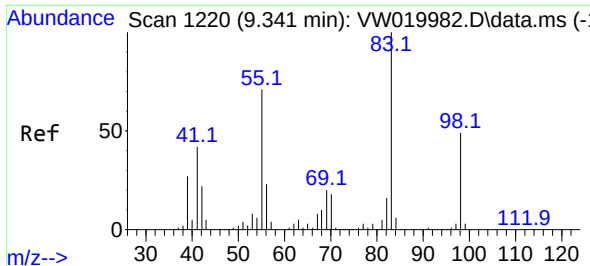


#38  
Carbon Tetrachloride  
Concen: 51.535 ug/l  
RT: 8.073 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 176946 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 91.6  | 73.0  | 109.4  |
| 121       | 29.8  | 23.9  | 35.9   |





#39  
Methylcyclohexane  
Concen: 55.487 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

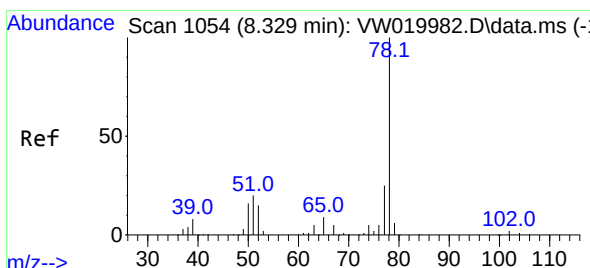
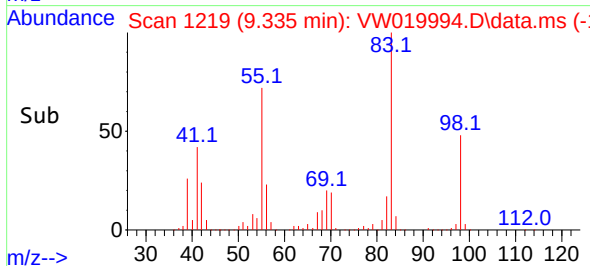
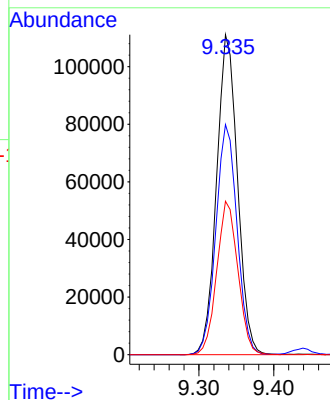
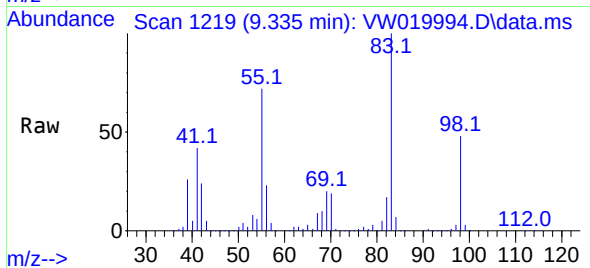
Instrument :  
MSVOA\_W  
ClientSampled :  
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Tgt Ion: 83 Resp: 216532  
Ion Ratio Lower Upper  
83 100  
55 71.9 56.9 85.3  
98 48.0 39.0 58.4

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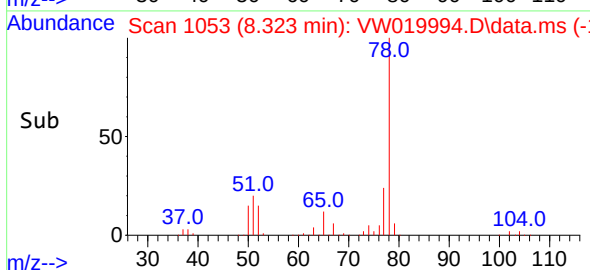
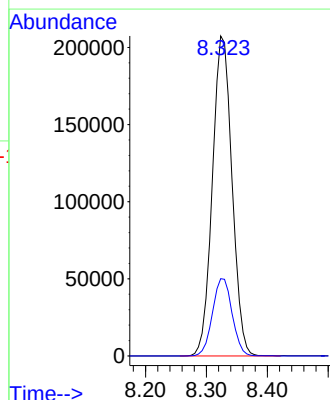
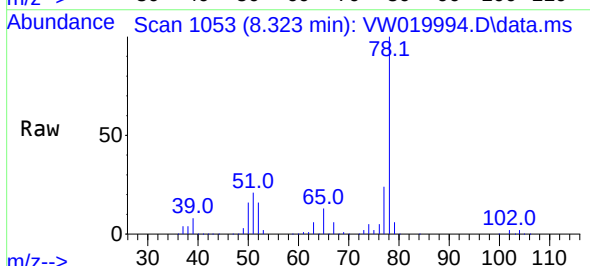
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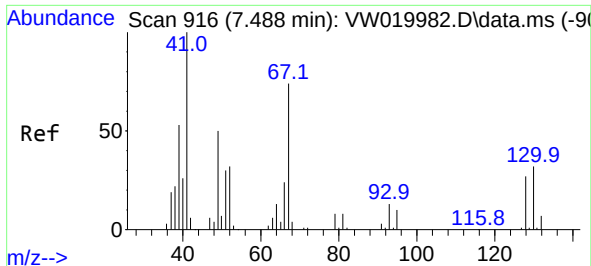


#40  
Benzene  
Concen: 49.965 ug/l  
RT: 8.323 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
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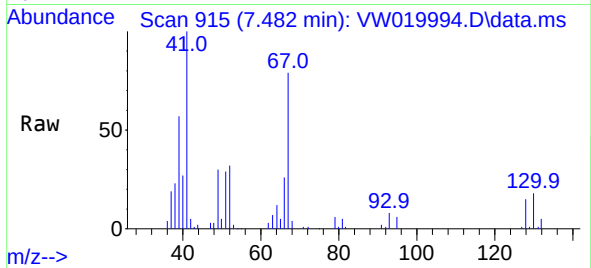
Tgt Ion: 78 Resp: 463459  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.7 29.5





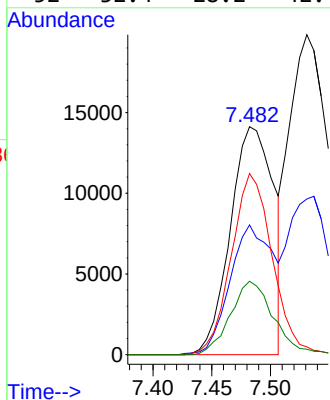


#41  
Methacrylonitrile  
Concen: 52.689 ug/l  
RT: 7.482 min Scan# 915  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



Tgt Ion: 41 Resp: 36107

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.0  | 45.2  | 67.8  |
| 67  | 76.0  | 65.3  | 97.9  |
| 52  | 32.4  | 28.2  | 42.4  |

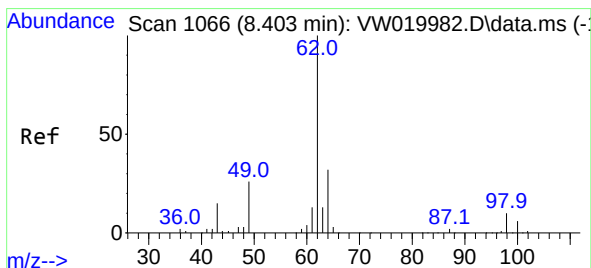


Instrument :  
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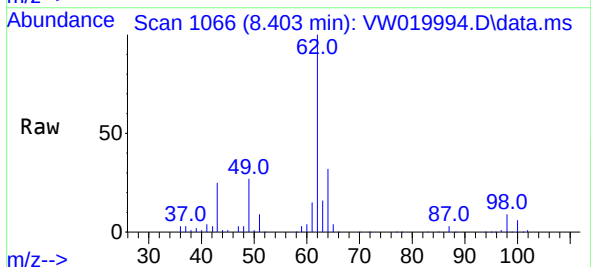
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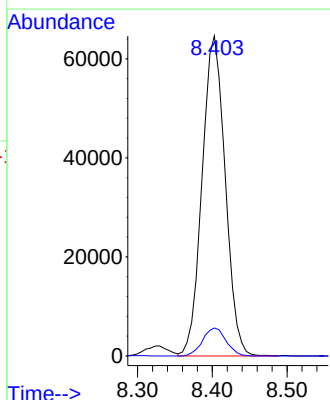
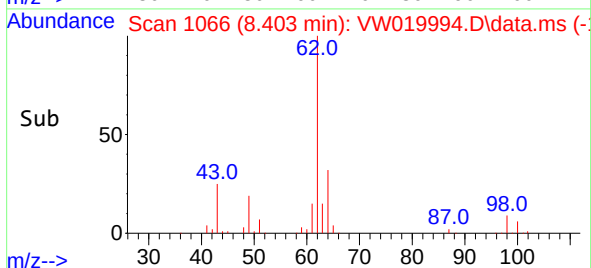


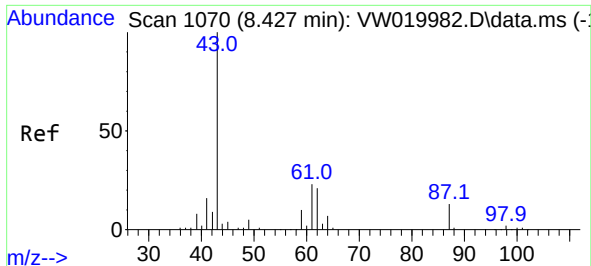
#42  
1,2-Dichloroethane  
Concen: 48.813 ug/l  
RT: 8.403 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



Tgt Ion: 62 Resp: 139020

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.9   | 0.0   | 18.6  |





#43  
Isopropyl Acetate  
Concen: 51.855 ug/l  
RT: 8.427 min Scan# 1070  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

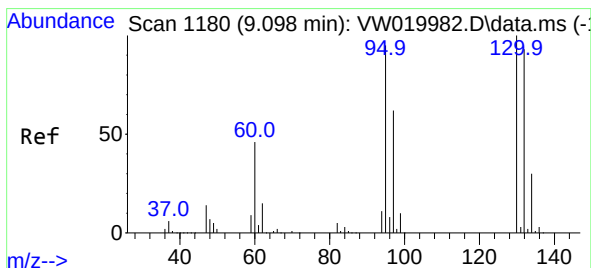
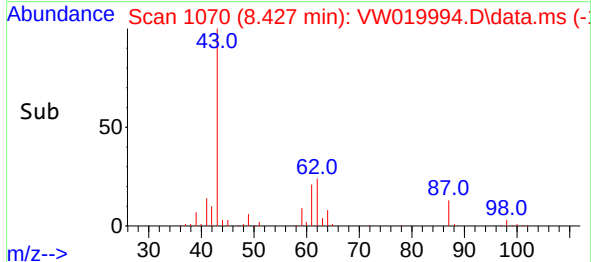
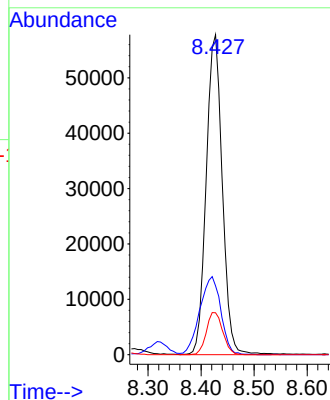
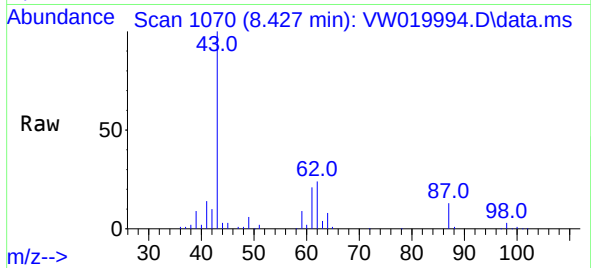
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 121840 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 32.0  | 26.6  | 39.8   |
| 87       | 13.4  | 11.0  | 16.6   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
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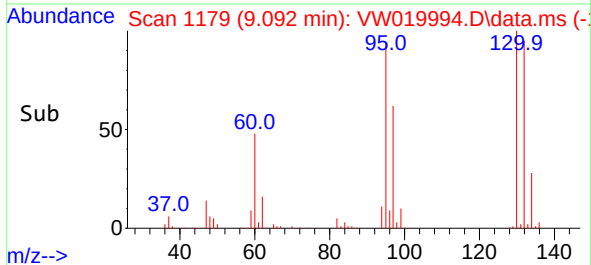
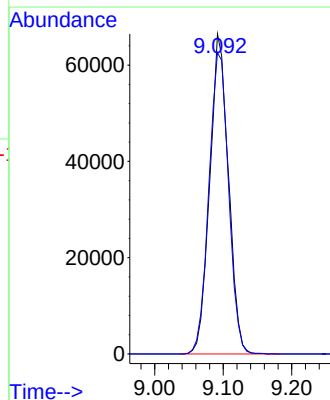
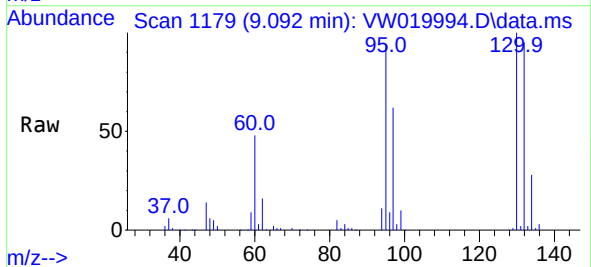
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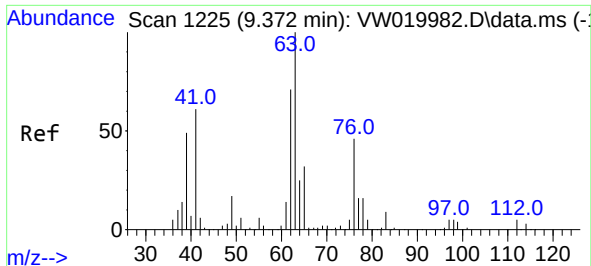
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#44  
Trichloroethene  
Concen: 51.656 ug/l  
RT: 9.092 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 125719 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 94.2  | 0.0   | 190.0  |





#45  
1,2-Dichloropropane  
Concen: 49.519 ug/l  
RT: 9.372 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

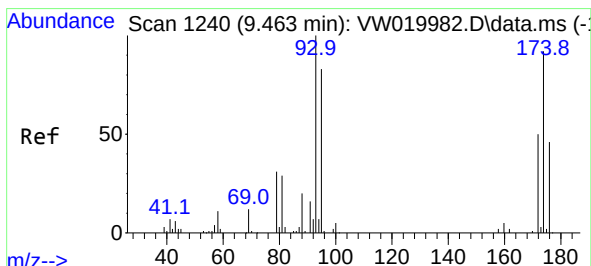
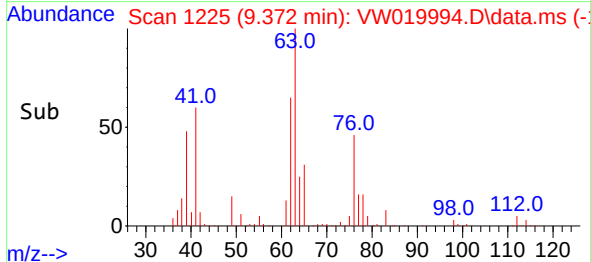
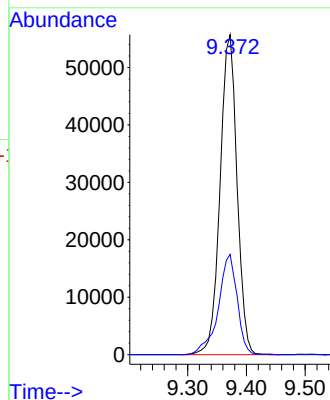
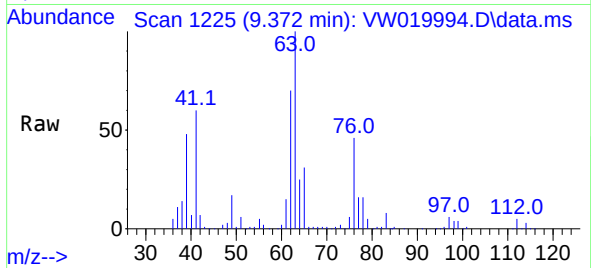
Tgt Ion: 63 Resp: 111682  
Ion Ratio Lower Upper  
63 100  
65 31.3 25.5 38.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
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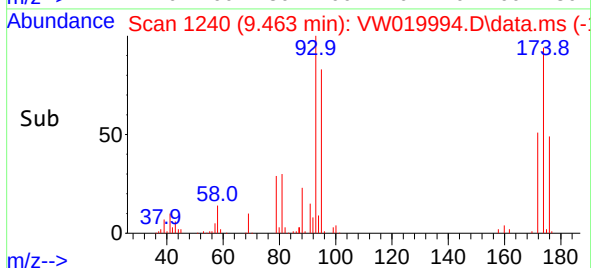
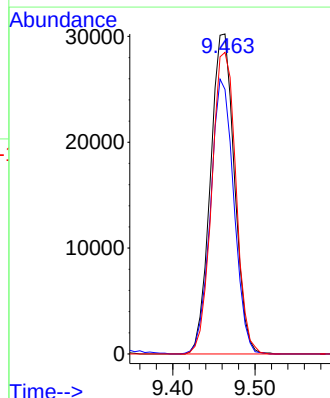
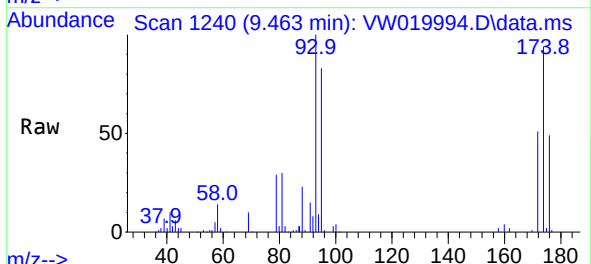
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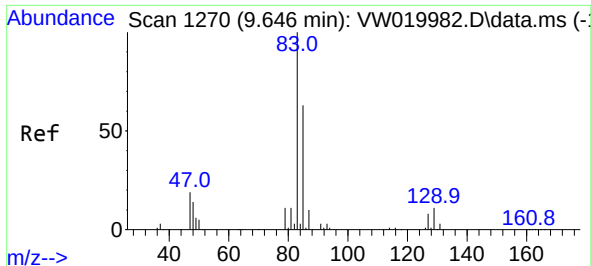
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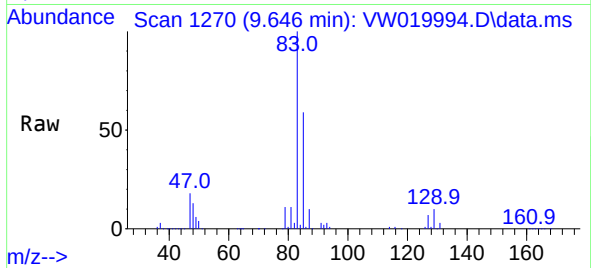
#46  
Dibromomethane  
Concen: 48.205 ug/l  
RT: 9.463 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
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Tgt Ion: 93 Resp: 61333  
Ion Ratio Lower Upper  
93 100  
95 83.5 65.2 97.8  
174 94.5 75.8 113.6

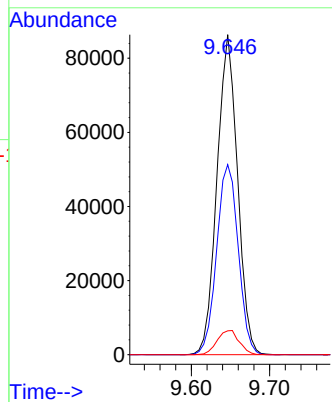
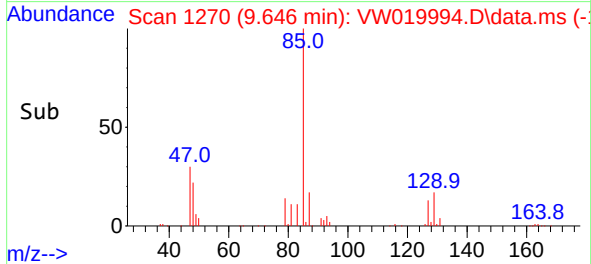




#47  
Bromodichloromethane  
Concen: 49.720 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
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Tgt Ion: 83 Resp: 157608  
Ion Ratio Lower Upper  
83 100  
85 59.4 50.3 75.5  
127 7.5 6.5 9.7

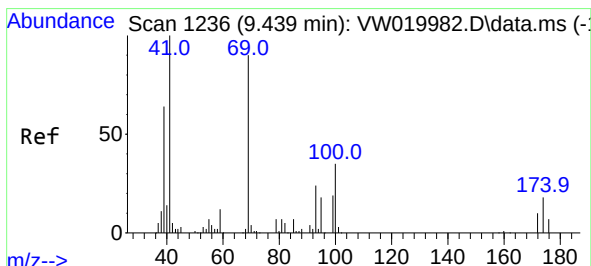


Instrument :  
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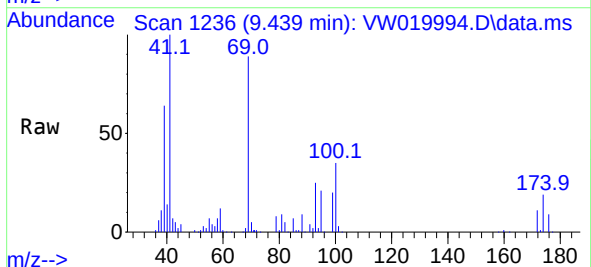
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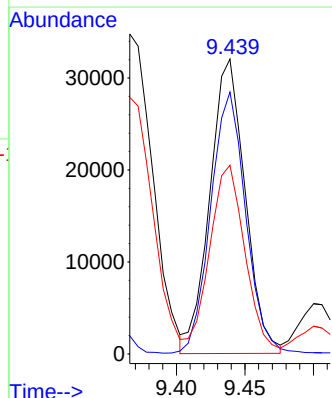
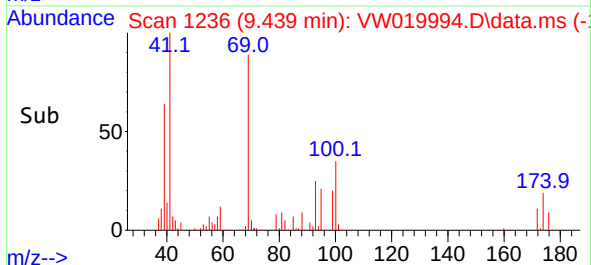
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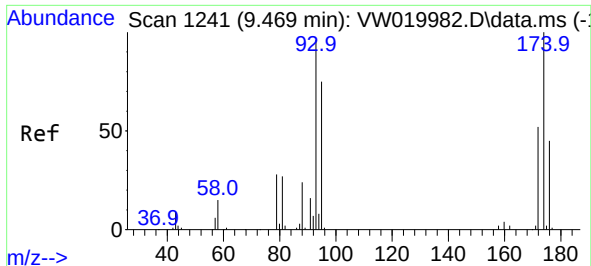


#48  
Methyl methacrylate  
Concen: 48.861 ug/l  
RT: 9.439 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

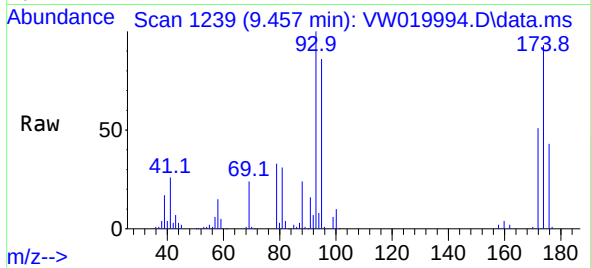


Tgt Ion: 41 Resp: 57285  
Ion Ratio Lower Upper  
41 100  
69 89.4 76.7 115.1  
39 60.3 51.4 77.0

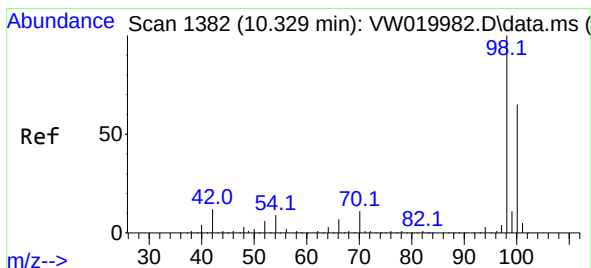
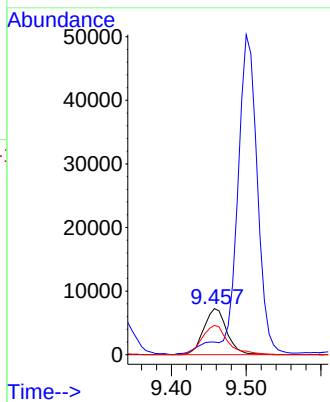
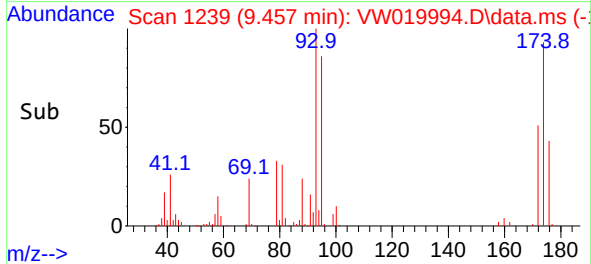




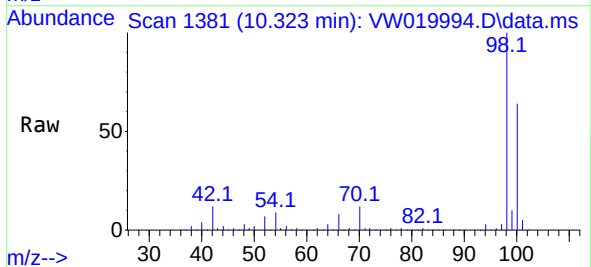
#49  
1,4-Dioxane  
Concen: 865.745 ug/l  
RT: 9.457 min Scan# 1239  
Delta R.T. -0.012 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



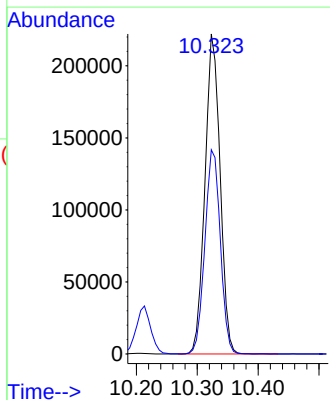
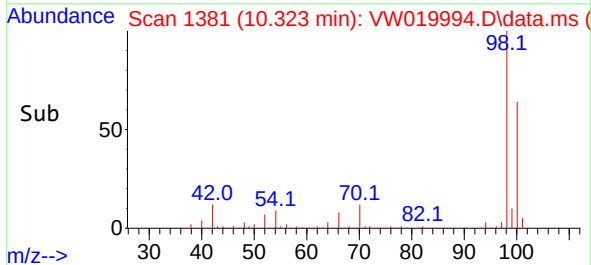
Tgt Ion: 88 Resp: 15480  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 71.6 54.7 82.1



#50  
Toluene-d8  
Concen: 49.116 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



Tgt Ion: 98 Resp: 383789  
Ion Ratio Lower Upper  
98 100  
100 65.1 51.9 77.9

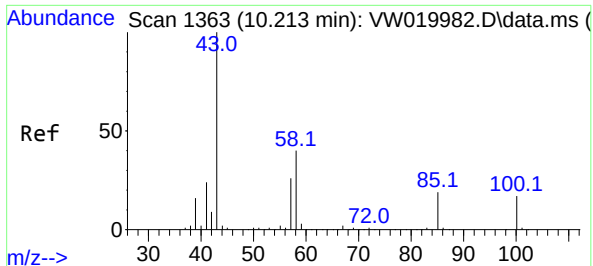


Instrument :  
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#51  
4-Methyl-2-Pentanone  
Concen: 269.652 ug/l  
RT: 10.213 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

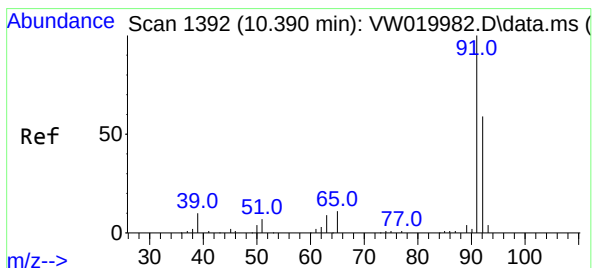
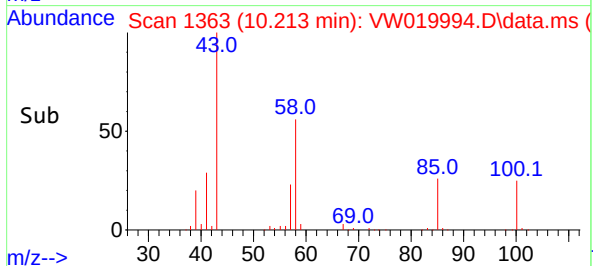
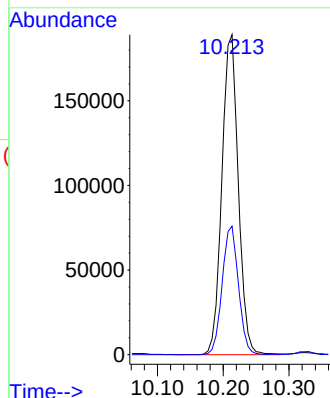
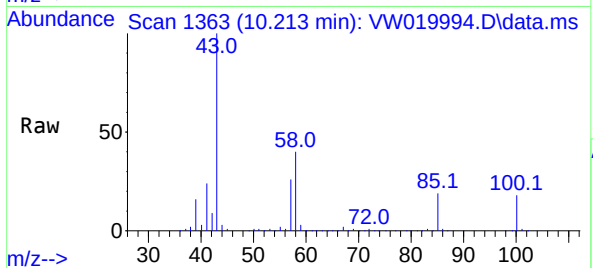
Tgt Ion: 43 Resp: 328516  
Ion Ratio Lower Upper  
43 100  
58 39.8 32.1 48.1

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

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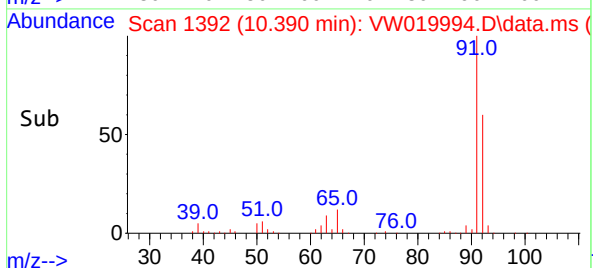
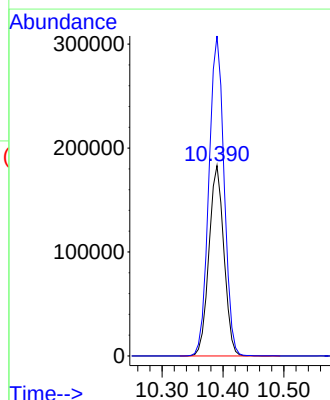
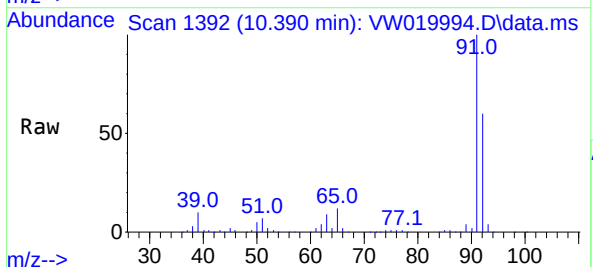
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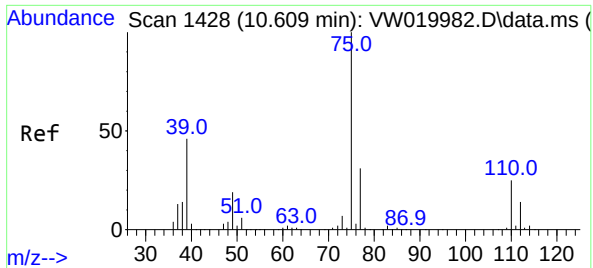
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#52  
Toluene  
Concen: 53.125 ug/l  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 92 Resp: 311964  
Ion Ratio Lower Upper  
92 100  
91 170.8 136.6 205.0





#53  
t-1,3-Dichloropropene  
Concen: 51.733 ug/l  
RT: 10.604 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

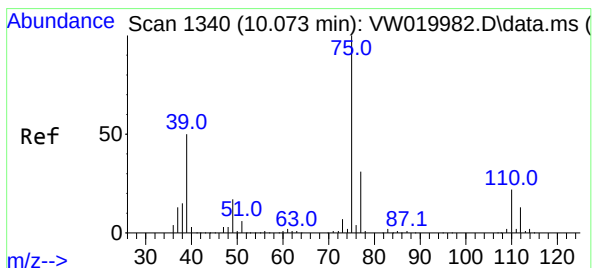
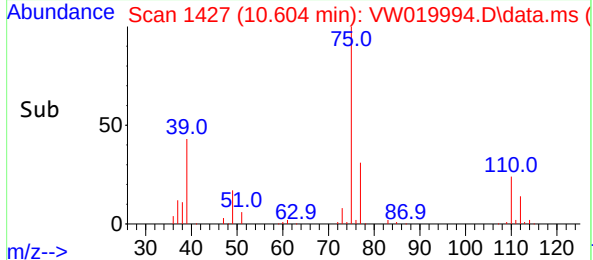
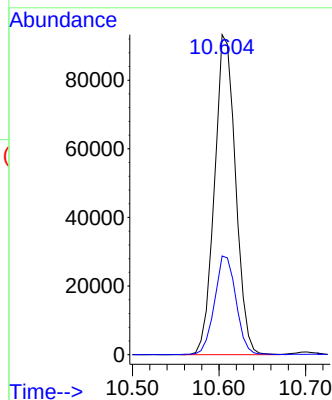
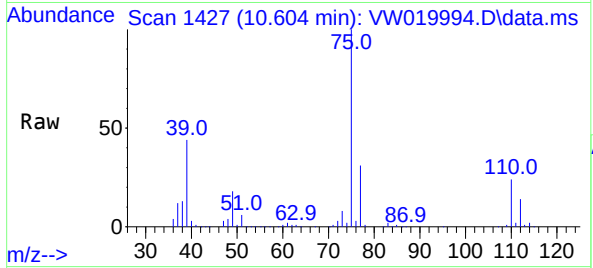
Tgt Ion: 75 Resp: 157316  
Ion Ratio Lower Upper  
75 100  
77 30.8 24.9 37.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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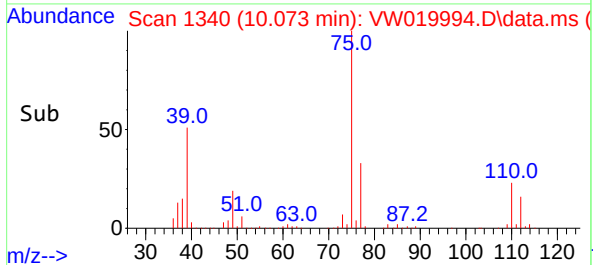
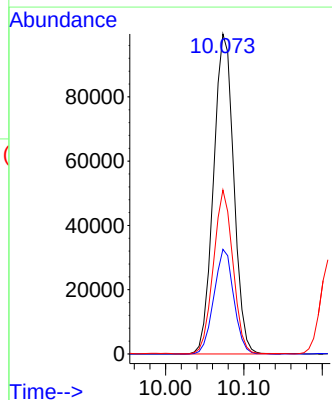
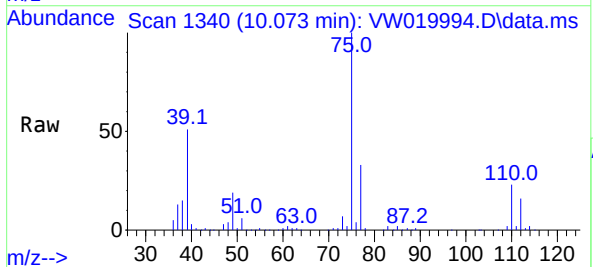
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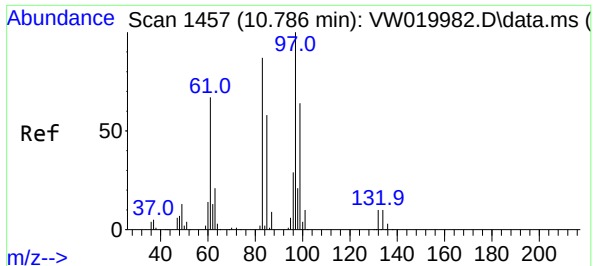
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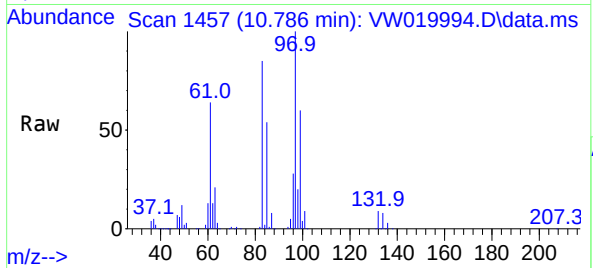
#54  
cis-1,3-Dichloropropene  
Concen: 50.474 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 75 Resp: 178688  
Ion Ratio Lower Upper  
75 100  
77 32.7 24.8 37.2  
39 51.2 39.9 59.9

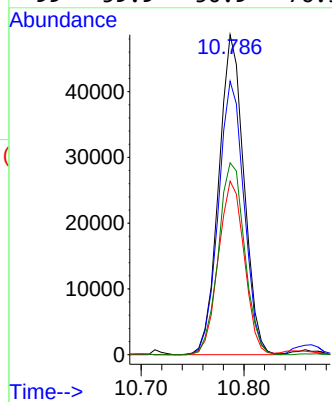




#55  
1,1,2-Trichloroethane  
Concen: 47.979 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 82730 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.4  | 69.8  | 104.6 |
| 85       | 54.2  | 46.6  | 69.8  |
| 99       | 59.9  | 50.9  | 76.3  |

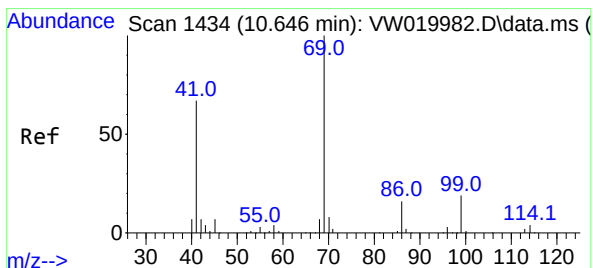


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

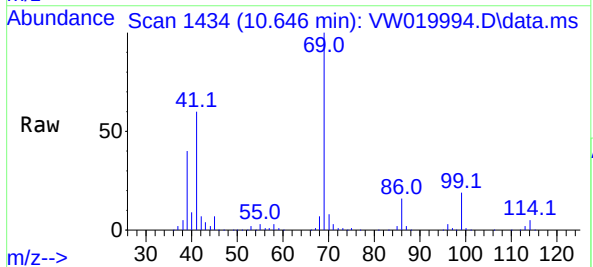
Manual Integrations  
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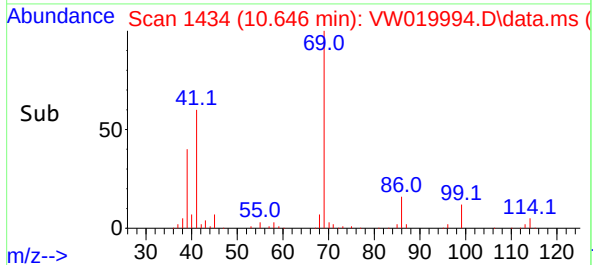
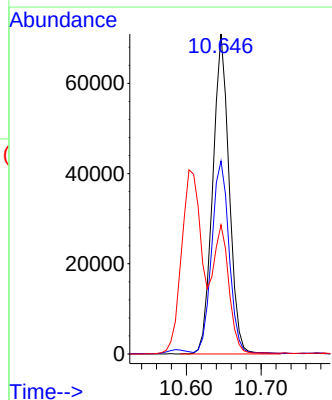
9/10/2021 10:50:05 AM



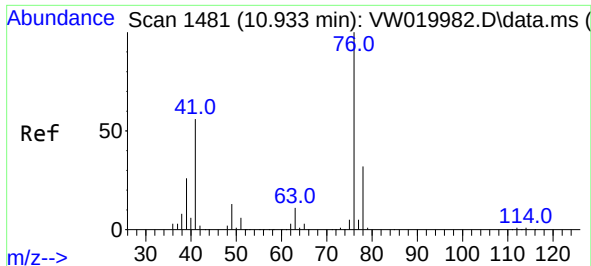
#56  
Ethyl methacrylate  
Concen: 48.372 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



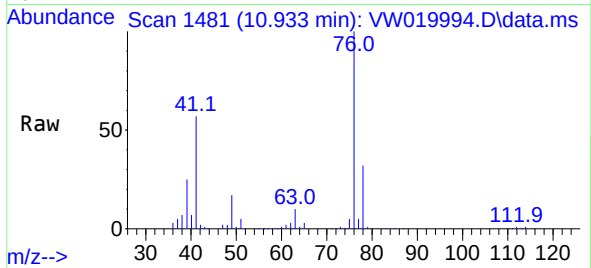
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 107911 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.0  | 50.6  | 76.0   |
| 39       | 38.5  | 31.2  | 46.8   |



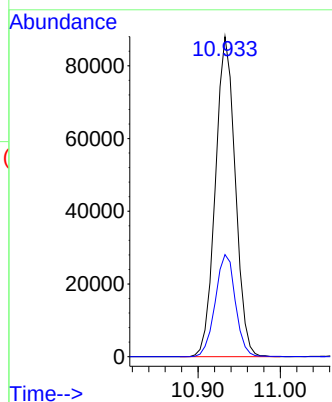
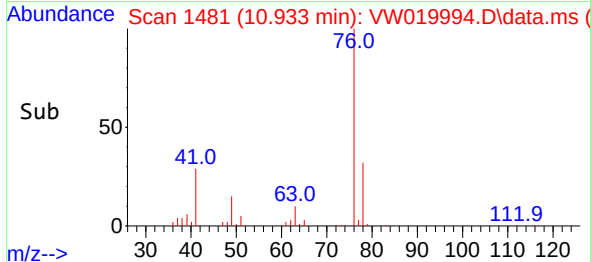




#57  
1,3-Dichloropropane  
Concen: 49.893 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



Tgt Ion: 76 Resp: 147596  
Ion Ratio Lower Upper  
76 100  
78 32.4 26.6 40.0

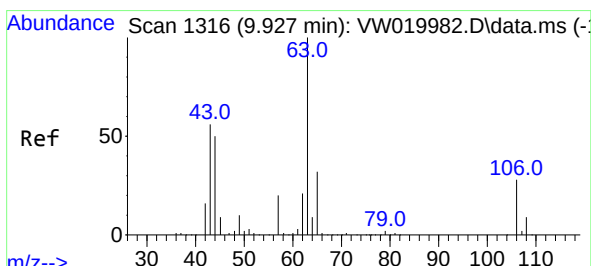


Instrument :  
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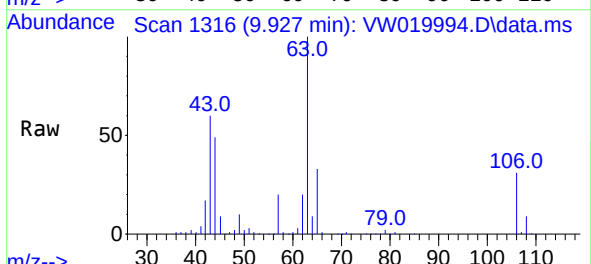
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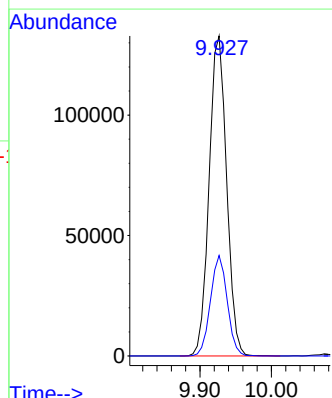
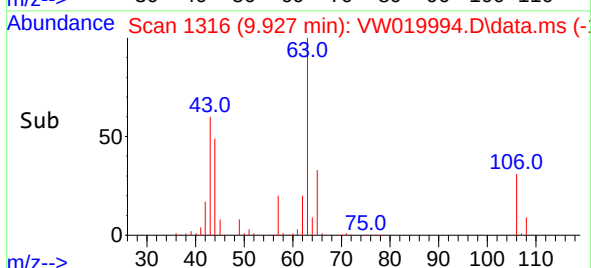
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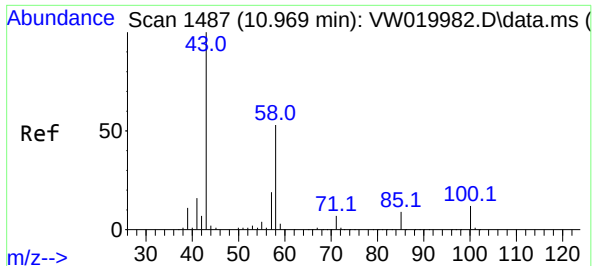


#58  
2-Chloroethyl Vinyl ether  
Concen: 256.221 ug/l  
RT: 9.927 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



Tgt Ion: 63 Resp: 225598  
Ion Ratio Lower Upper  
63 100  
106 30.1 22.9 34.3





#59  
2-Hexanone  
Concen: 288.299 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

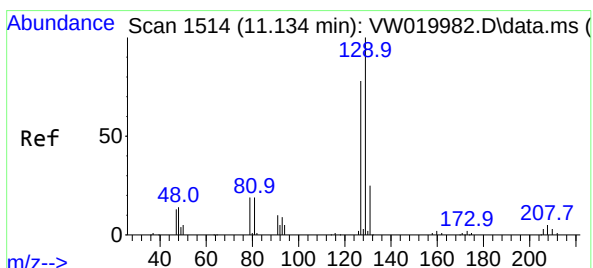
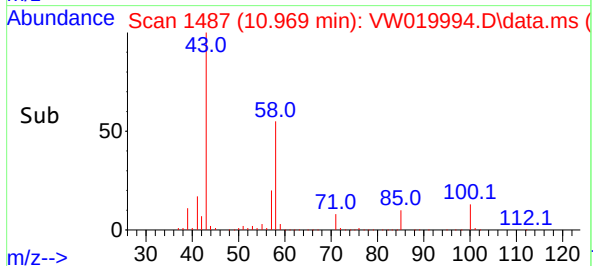
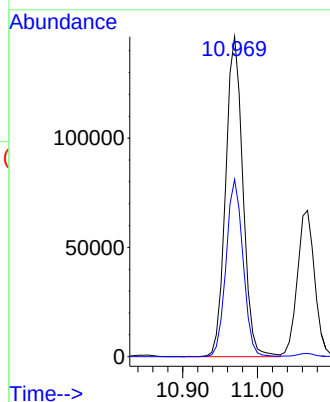
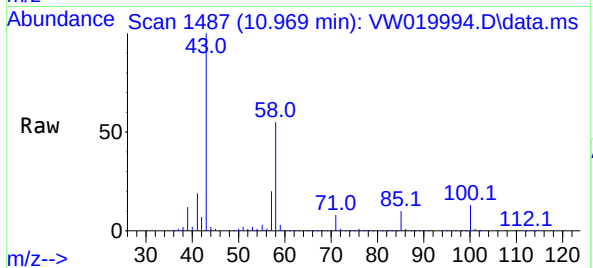
Tgt Ion: 43 Resp: 234725  
Ion Ratio Lower Upper  
43 100  
58 54.4 27.4 82.0

Instrument :  
MSVOA\_W  
ClientSampled :  
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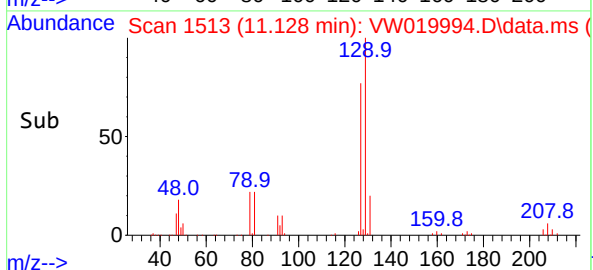
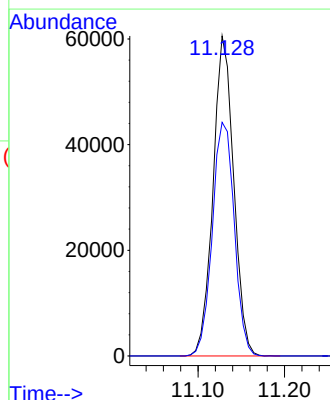
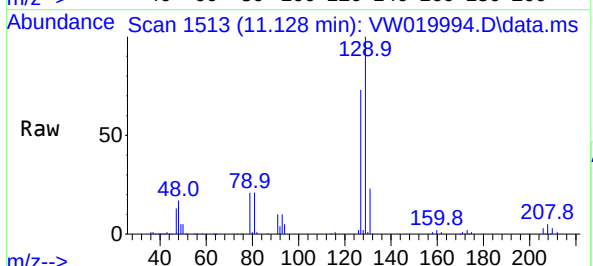
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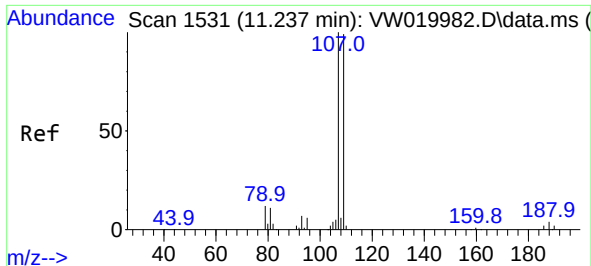
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#60  
Dibromochloromethane  
Concen: 50.169 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion:129 Resp: 100146  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.9 116.7





#61  
1,2-Dibromoethane  
Concen: 50.232 ug/l  
RT: 11.238 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

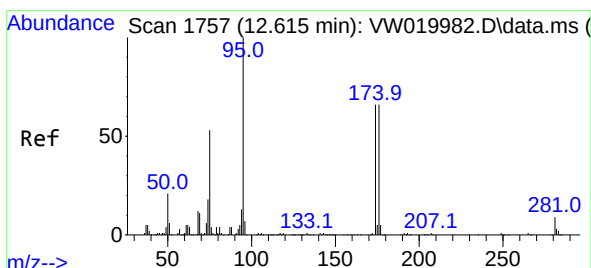
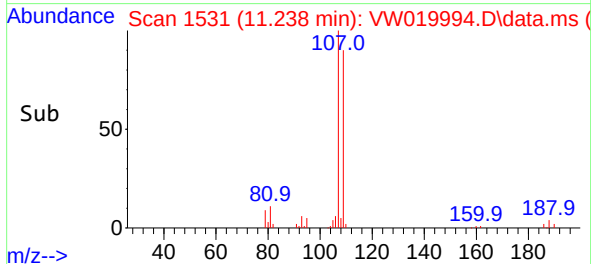
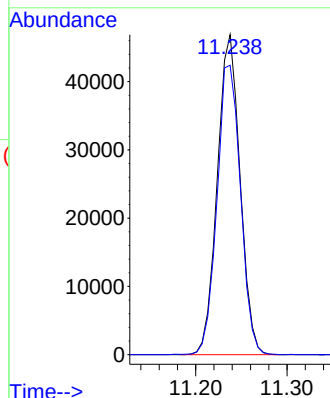
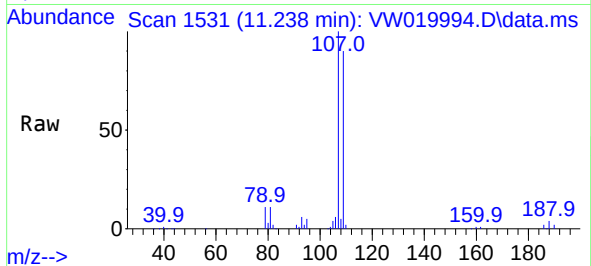
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion:107 Resp: 81103  
Ion Ratio Lower Upper  
107 100  
109 93.5 76.4 114.6

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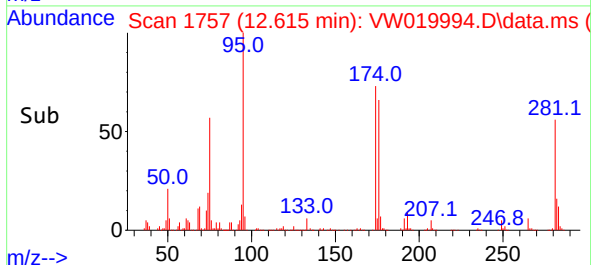
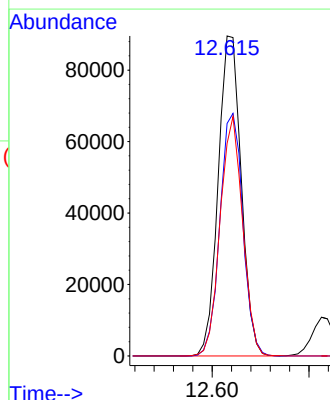
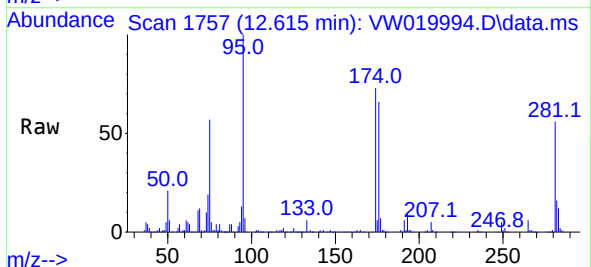
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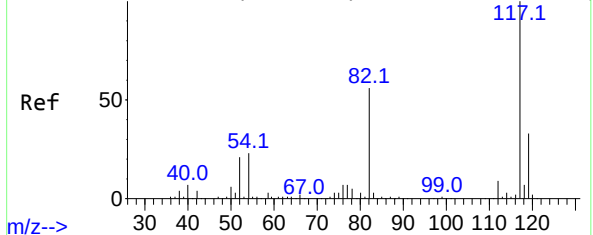


#62  
4-Bromofluorobenzene  
Concen: 51.086 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 95 Resp: 147701  
Ion Ratio Lower Upper  
95 100  
174 75.6 0.0 145.2  
176 73.0 0.0 146.4



Abundance Scan 1596 (11.634 min): VW019982.D\data.ms (



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion:117 Resp: 303281  
Ion Ratio Lower Upper  
117 100  
82 57.5 45.0 67.4  
119 31.5 26.2 39.2

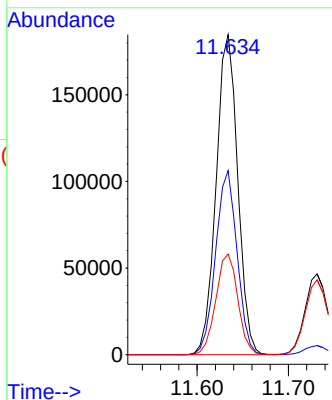
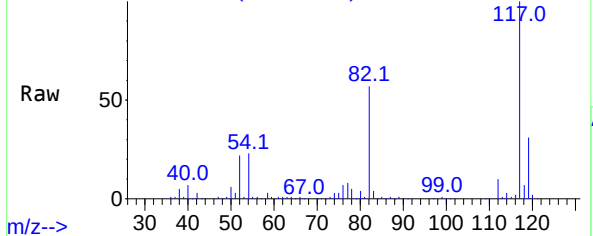
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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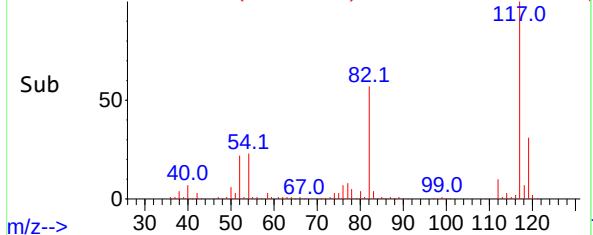
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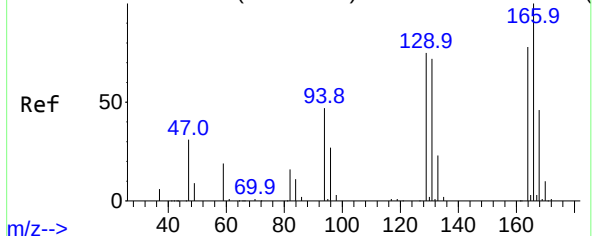
Abundance Scan 1596 (11.634 min): VW019994.D\data.ms



Abundance Scan 1596 (11.634 min): VW019994.D\data.ms (



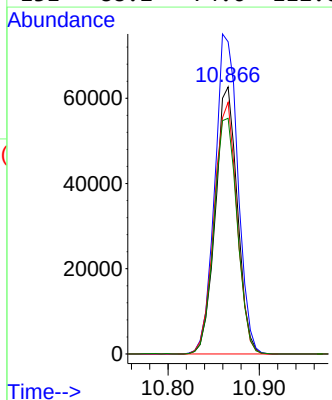
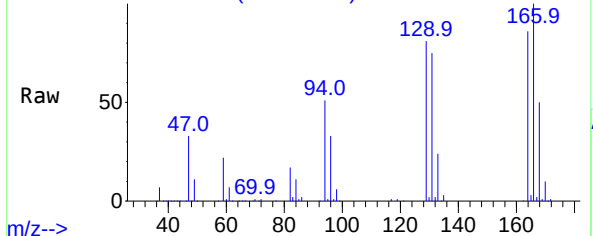
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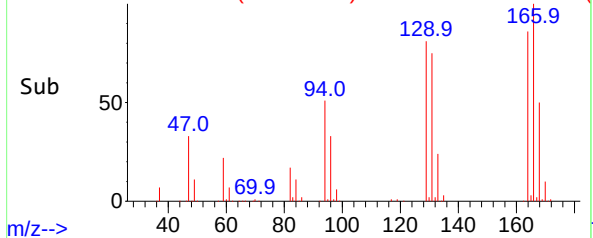
#64  
Tetrachloroethene  
Concen: 49.829 ug/l  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

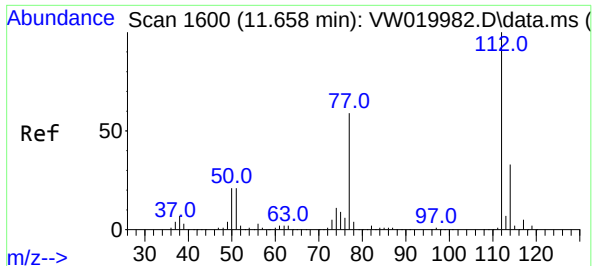
Tgt Ion:164 Resp: 104861  
Ion Ratio Lower Upper  
164 100  
166 116.9 103.1 154.7  
129 94.2 77.7 116.5  
131 88.2 74.6 112.0

Abundance Scan 1470 (10.866 min): VW019994.D\data.ms



Abundance Scan 1470 (10.866 min): VW019994.D\data.ms (





#65  
Chlorobenzene  
Concen: 49.394 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

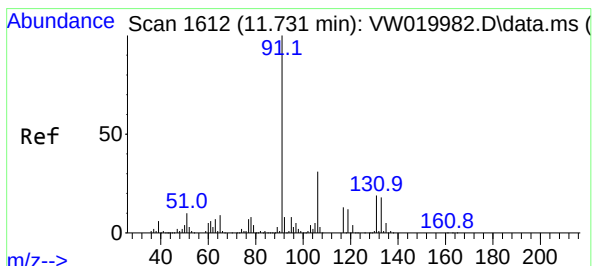
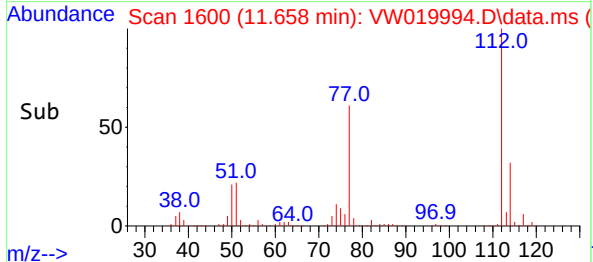
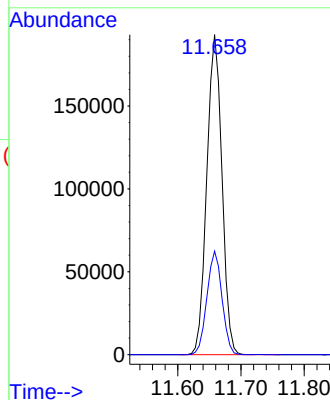
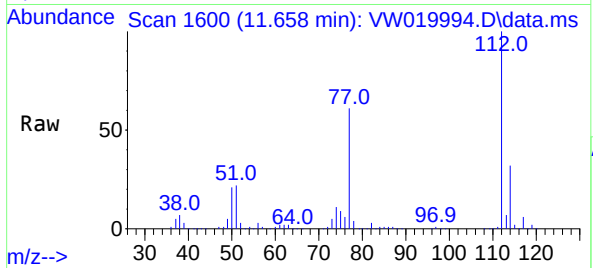
Tgt Ion:112 Resp: 321973  
Ion Ratio Lower Upper  
112 100  
114 32.3 26.1 39.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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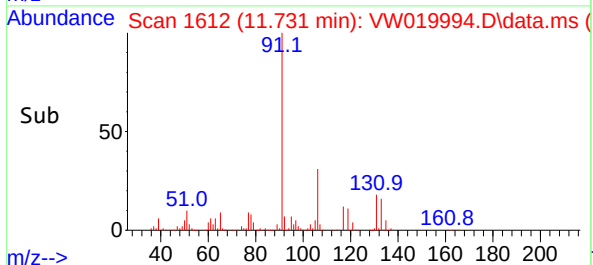
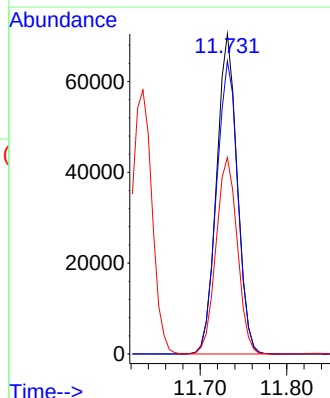
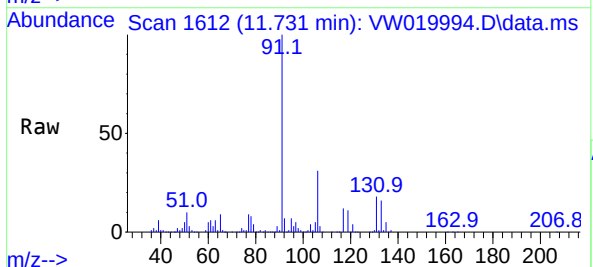
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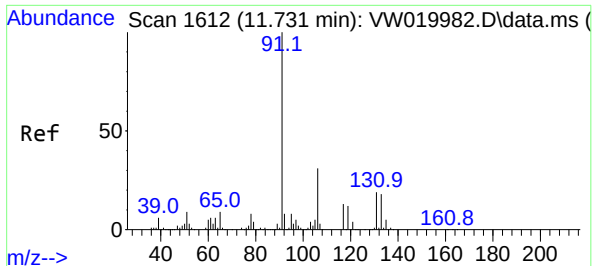
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.094 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion:131 Resp: 116372  
Ion Ratio Lower Upper  
131 100  
133 94.8 46.6 139.8  
119 63.4 32.8 98.4





#67  
Ethyl Benzene  
Concen: 53.780 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

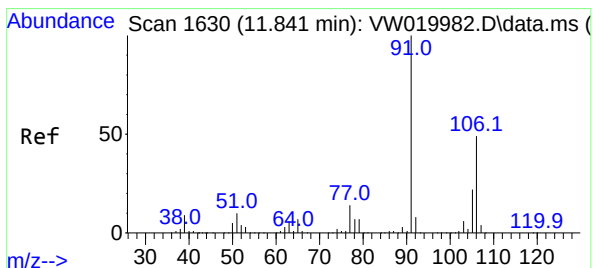
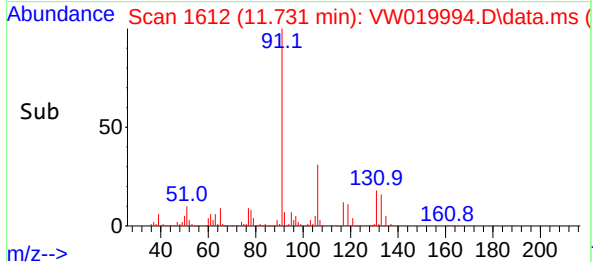
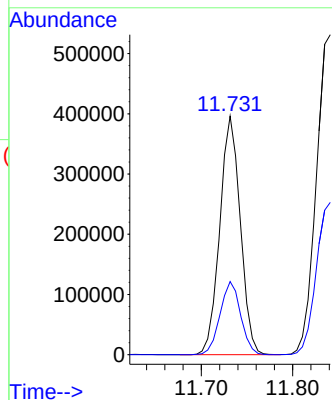
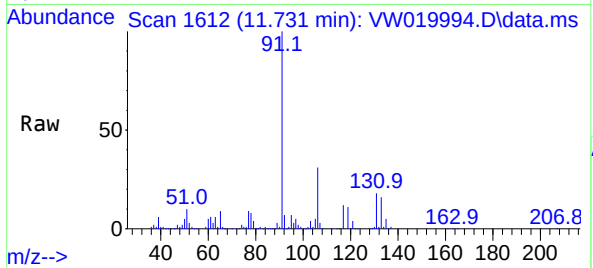
Tgt Ion: 91 Resp: 618478  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.7 37.1

Instrument :  
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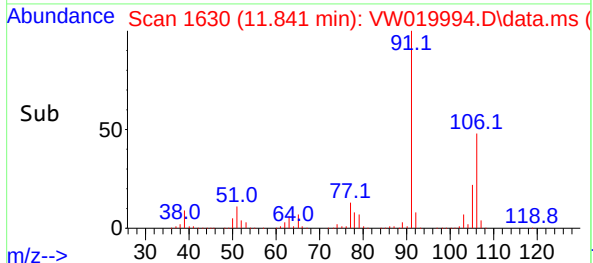
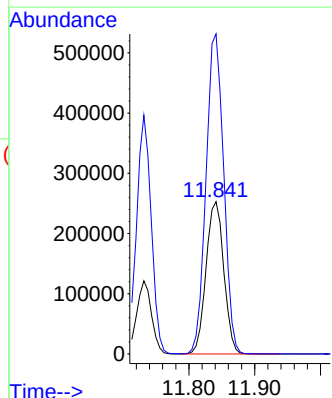
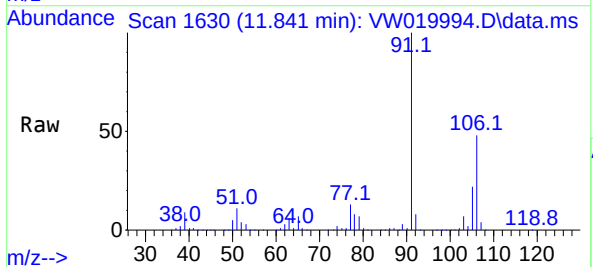
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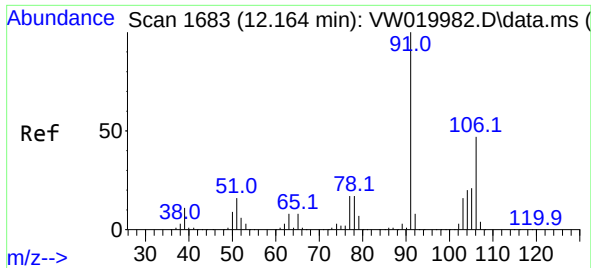
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#68  
m/p-Xylenes  
Concen: 104.552 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion:106 Resp: 474513  
Ion Ratio Lower Upper  
106 100  
91 208.8 166.8 250.2





#69  
o-Xylene  
Concen: 48.348 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

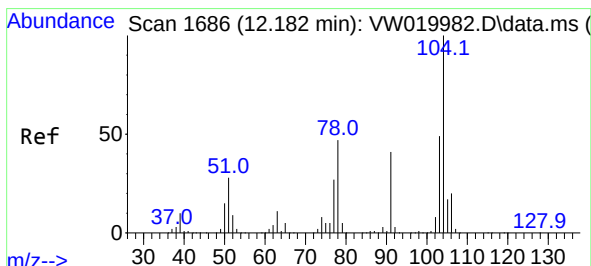
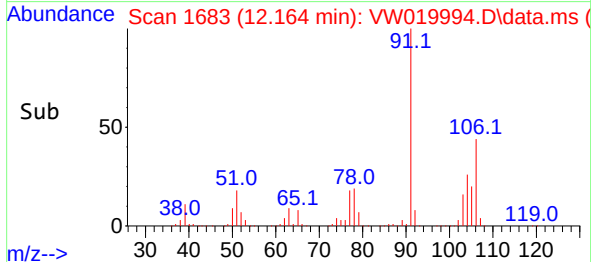
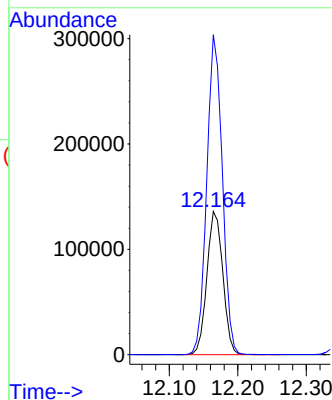
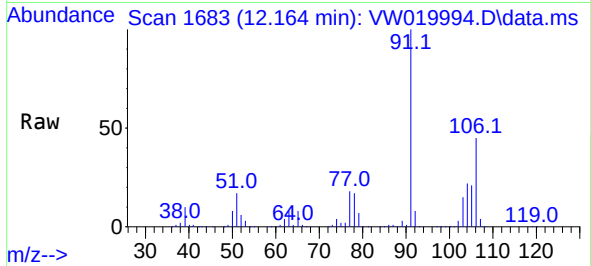
Tgt Ion:106 Resp: 220136  
Ion Ratio Lower Upper  
106 100  
91 218.2 109.2 327.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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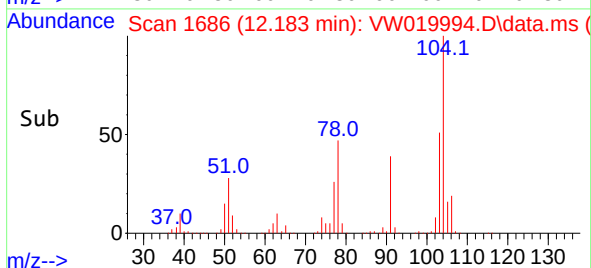
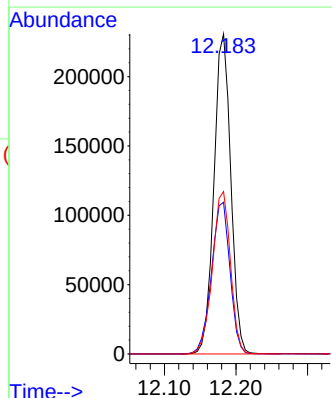
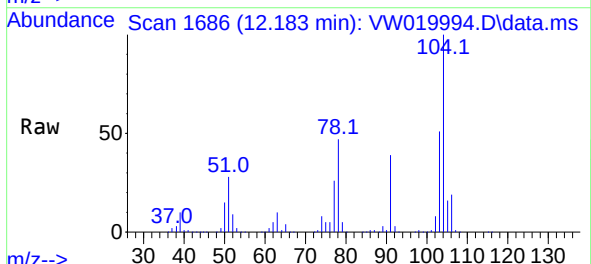
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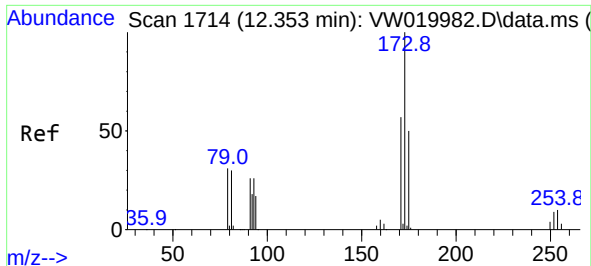
9/10/2021 10:50:05 AM



#70  
Styrene  
Concen: 48.505 ug/l  
RT: 12.183 min Scan# 1686  
Delta R.T. 0.001 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion:104 Resp: 377304  
Ion Ratio Lower Upper  
104 100  
78 52.2 42.6 63.8  
103 54.5 43.8 65.6





#71  
Bromoform  
Concen: 51.517 ug/l  
RT: 12.347 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

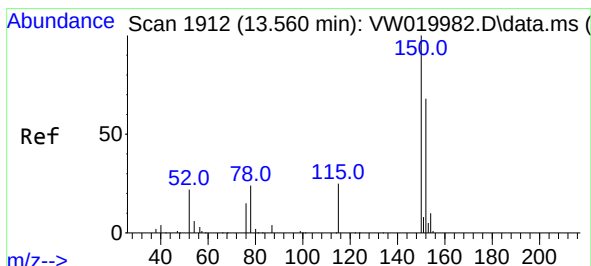
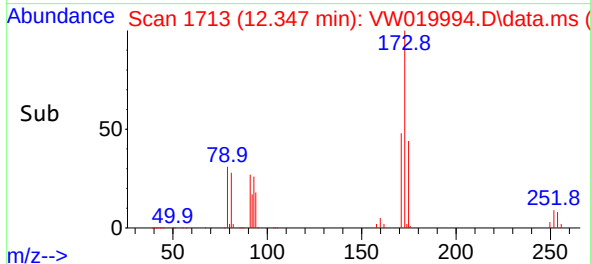
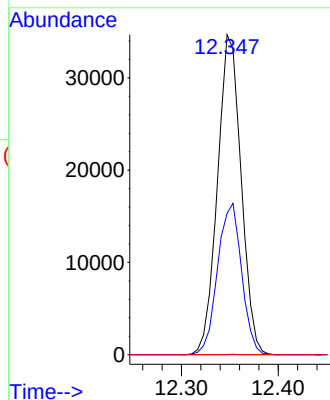
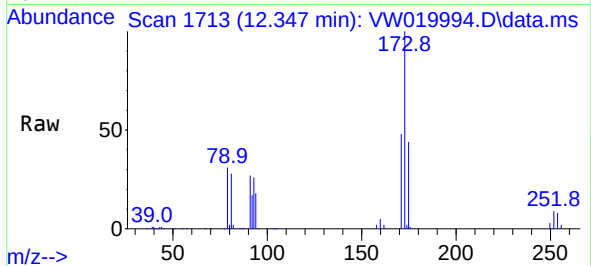
Tgt Ion:173 Resp: 58924  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.6 73.8  
254 0.0 0.0 0.0#

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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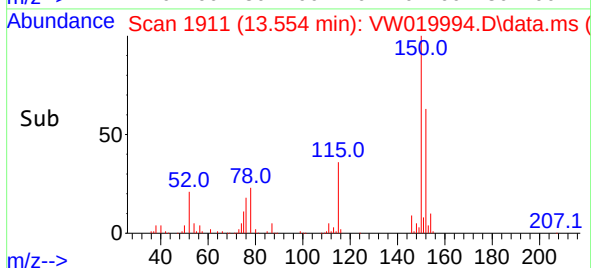
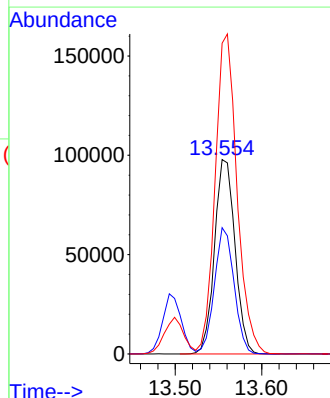
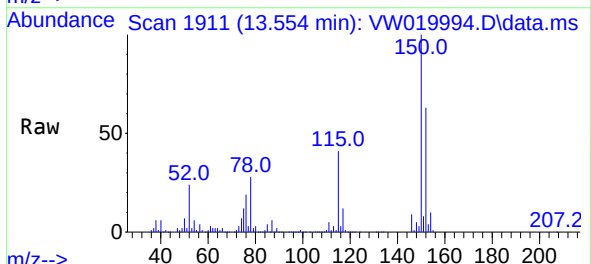
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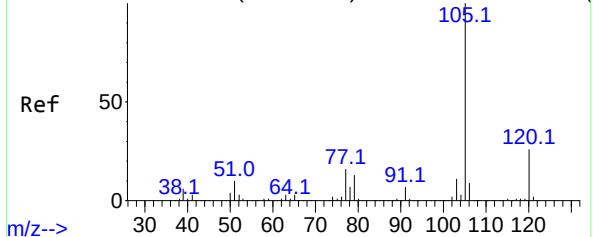
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.554 min Scan# 1911  
Delta R.T. -0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion:152 Resp: 161008  
Ion Ratio Lower Upper  
152 100  
115 62.2 30.8 92.3  
150 175.5 0.0 359.2

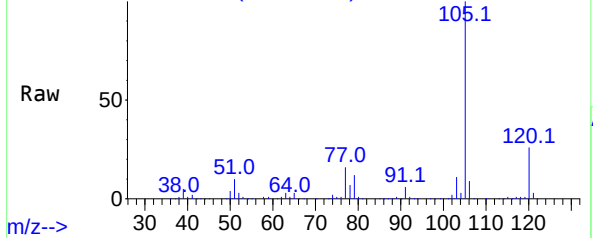




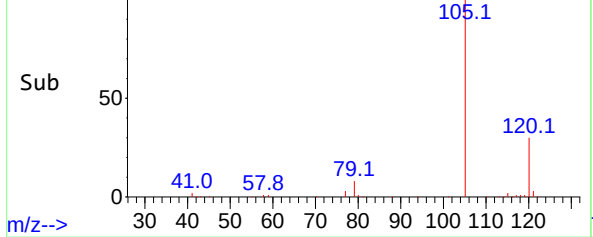
Abundance Scan 1732 (12.463 min): VW019982.D\data.ms (



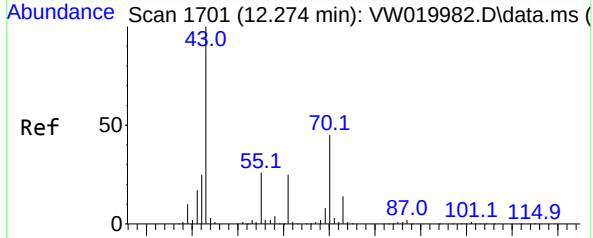
m/z--> Abundance Scan 1732 (12.463 min): VW019994.D\data.ms



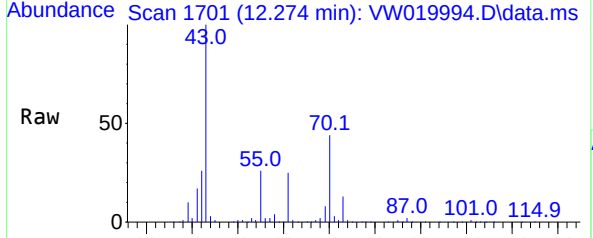
m/z--> Abundance Scan 1732 (12.463 min): VW019994.D\data.ms (



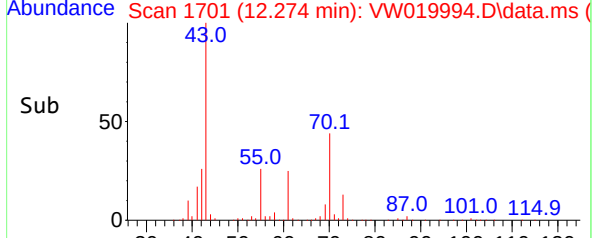
m/z--> Abundance Scan 1701 (12.274 min): VW019982.D\data.ms (



m/z--> Abundance Scan 1701 (12.274 min): VW019994.D\data.ms



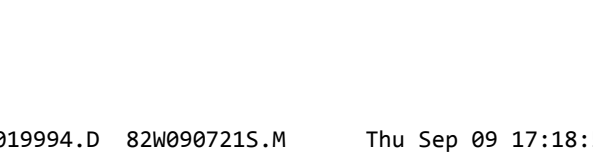
m/z--> Abundance Scan 1701 (12.274 min): VW019994.D\data.ms (



m/z--> Abundance Scan 1701 (12.274 min): VW019994.D\data.ms (

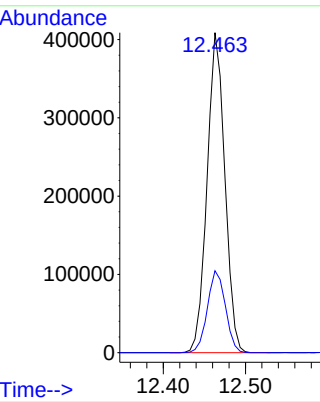


m/z--> Abundance Scan 1701 (12.274 min): VW019994.D\data.ms (



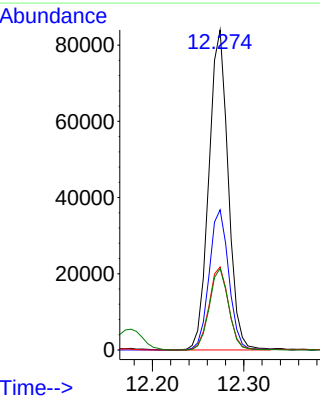
#73  
Isopropylbenzene  
Concen: 48.540 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 105 Resp: 614906  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.0 39.0



#74  
N-ethyl acetate  
Concen: 46.359 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 43 Resp: 123503  
Ion Ratio Lower Upper  
43 100  
70 44.6 35.1 52.7  
55 26.6 21.4 32.2  
61 25.4 19.6 29.4

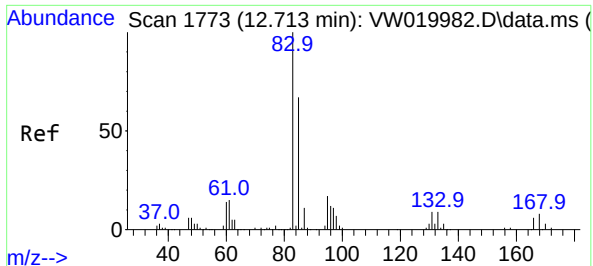


Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

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#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.775 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

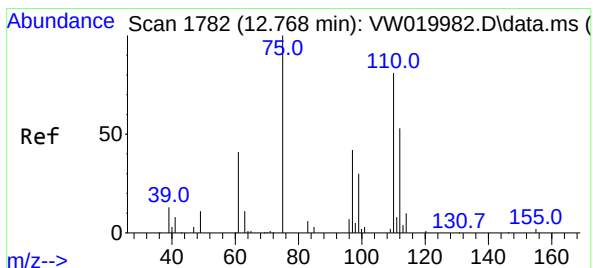
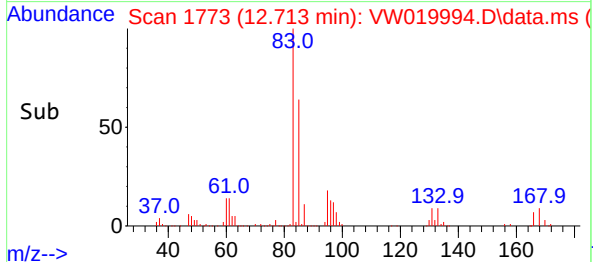
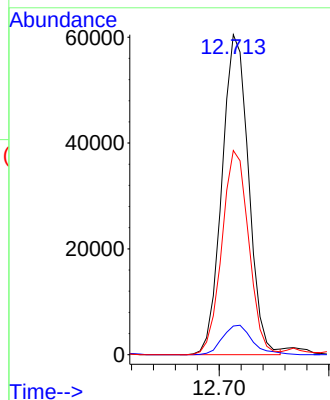
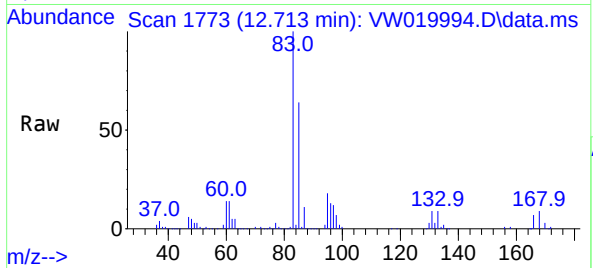
Tgt Ion: 83 Resp: 102038  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.3 15.8  
85 64.5 32.8 98.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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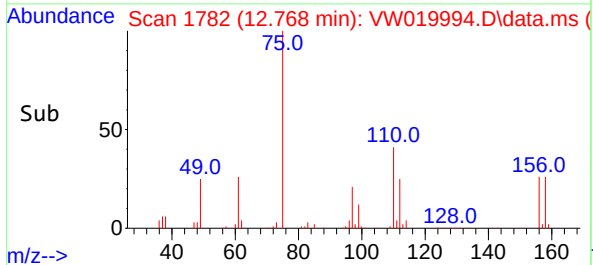
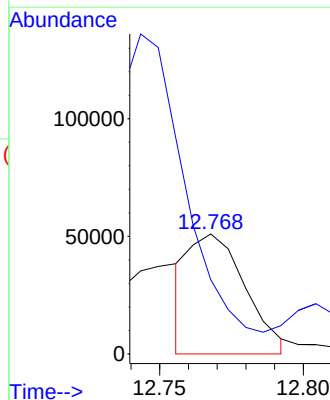
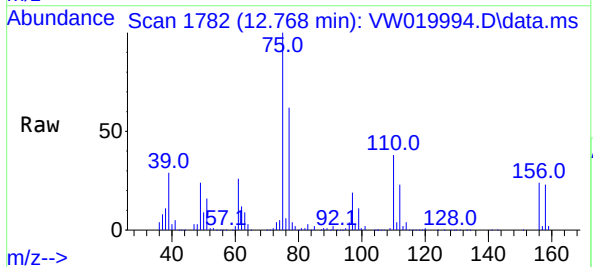
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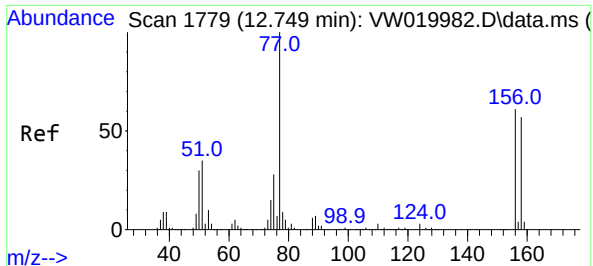
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#76  
1,2,3-Trichloropropane  
Concen: 46.553 ug/l m  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 75 Resp: 69624  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77  
Bromobenzene  
Concen: 49.748 ug/l  
RT: 12.749 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

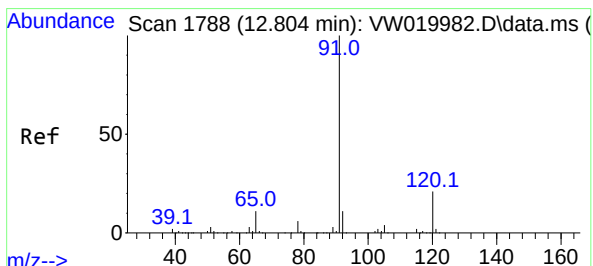
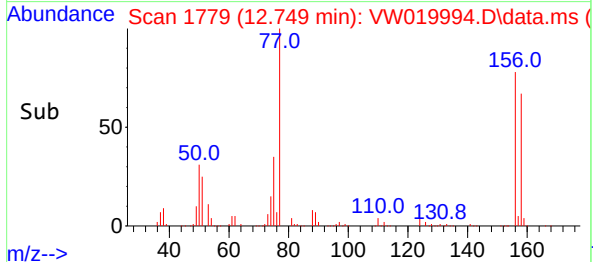
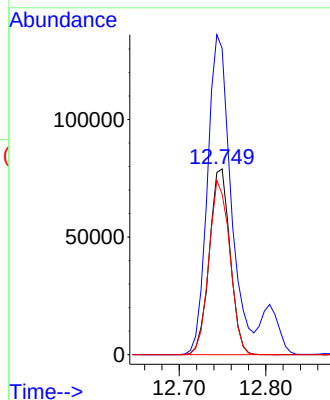
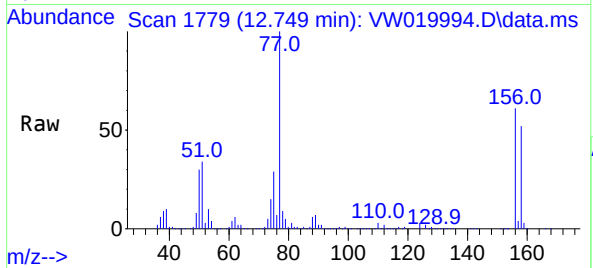
Tgt Ion: 156 Resp: 131469  
Ion Ratio Lower Upper  
156 100  
77 193.9 96.6 289.8  
158 94.7 48.6 145.9

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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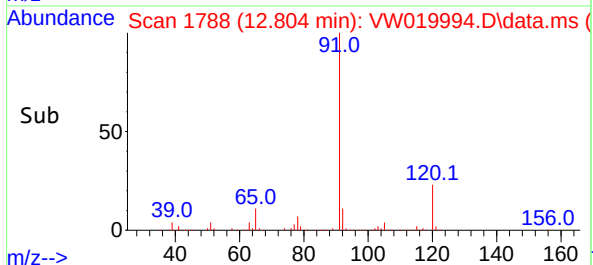
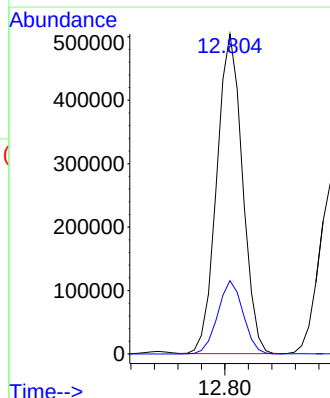
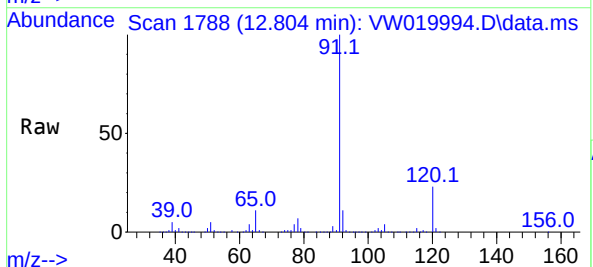
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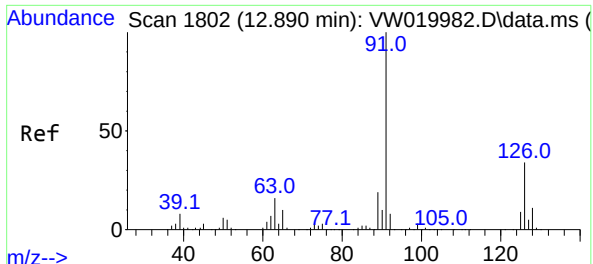
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#78  
n-propylbenzene  
Concen: 48.851 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 91 Resp: 765552  
Ion Ratio Lower Upper  
91 100  
120 22.7 10.9 32.7





#79  
2-Chlorotoluene  
Concen: 51.780 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

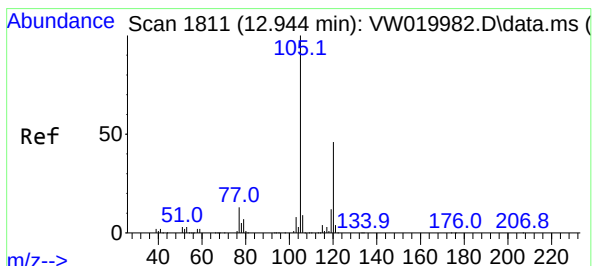
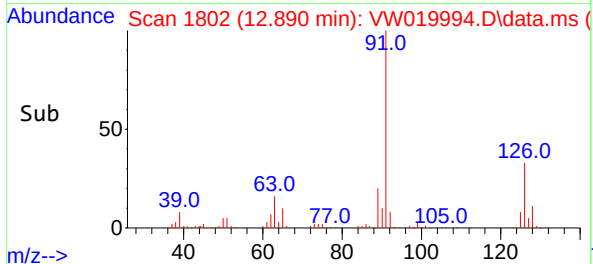
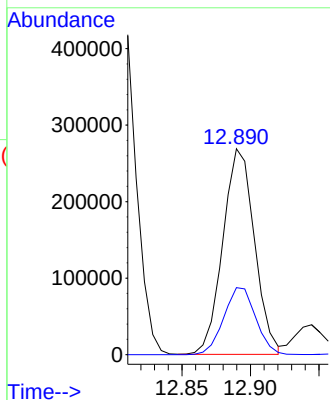
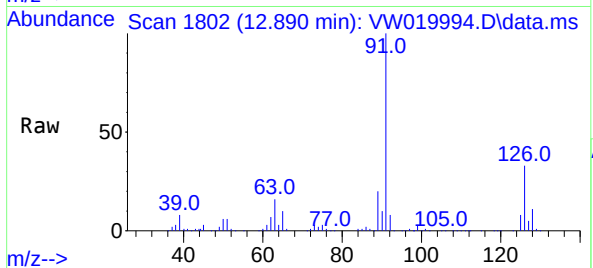
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 91 Resp: 432357  
Ion Ratio Lower Upper  
91 100  
126 33.0 16.4 49.2

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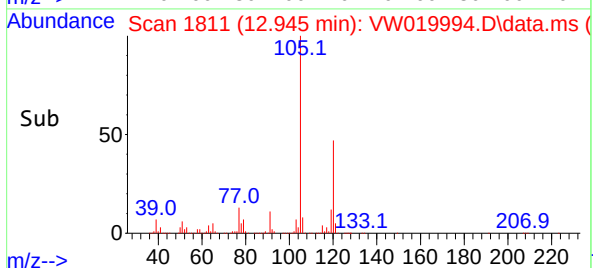
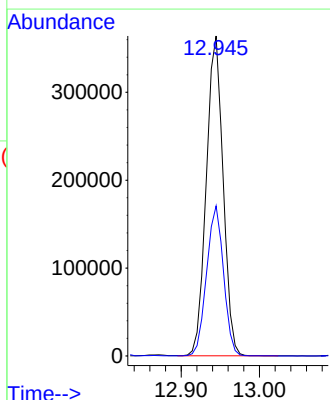
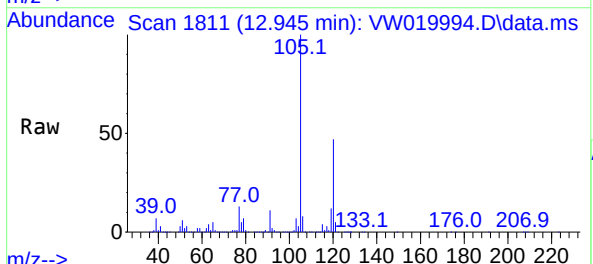
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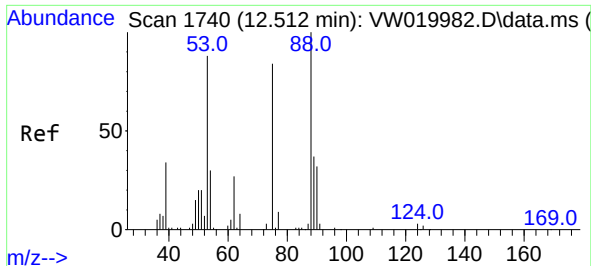
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#80  
1,3,5-Trimethylbenzene  
Concen: 49.452 ug/l  
RT: 12.945 min Scan# 1811  
Delta R.T. 0.001 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

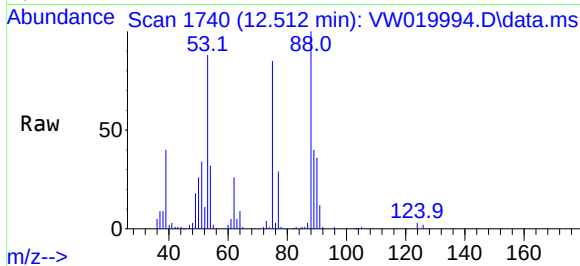
Tgt Ion: 105 Resp: 541469  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.8 71.4





#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.025 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

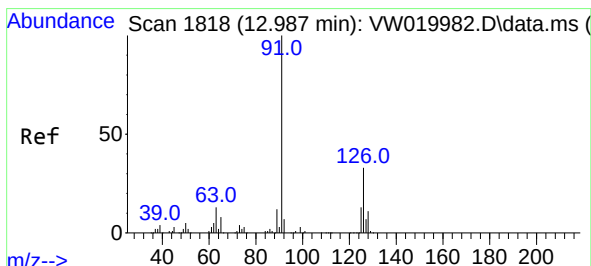
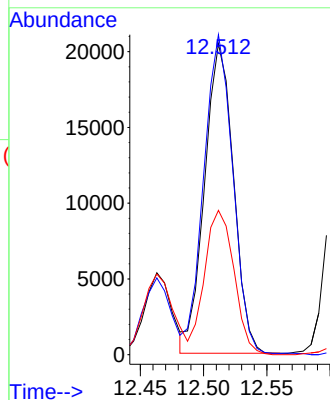
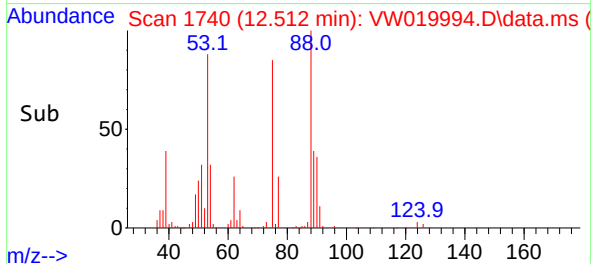


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 32414 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 103.6 | 86.1  | 129.1 |
| 89       | 47.6  | 37.7  | 56.5  |

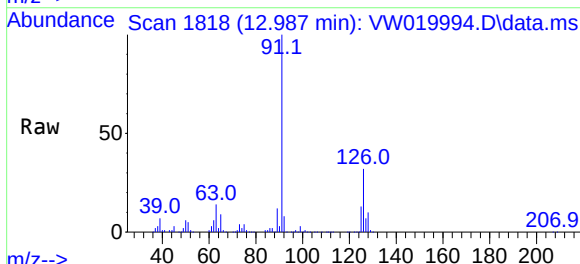
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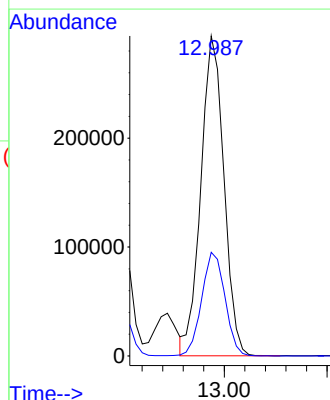
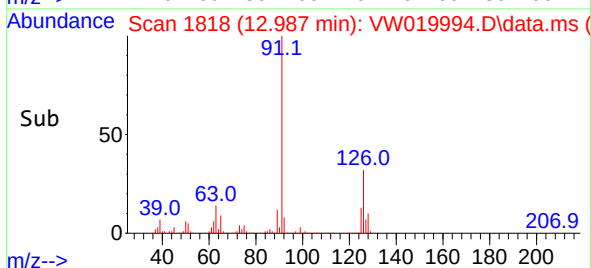
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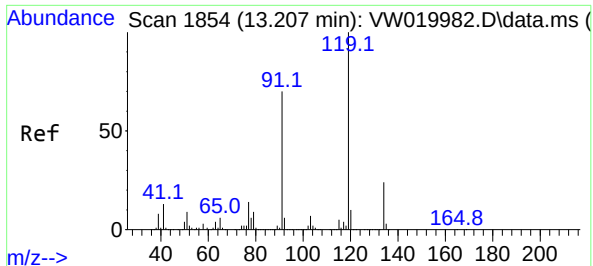


#82  
4-Chlorotoluene  
Concen: 52.136 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

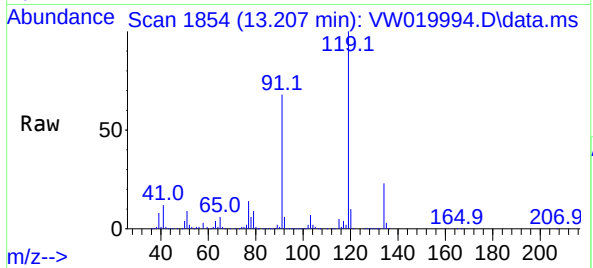


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 457664 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 32.9  | 16.1  | 48.2   |

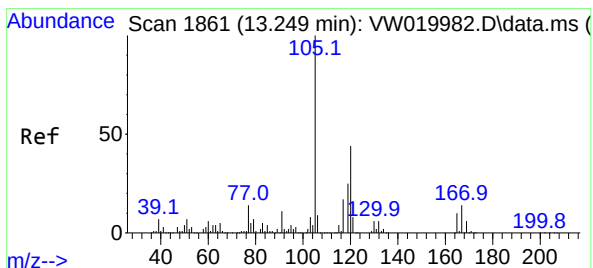
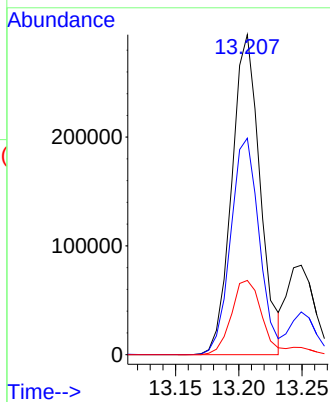
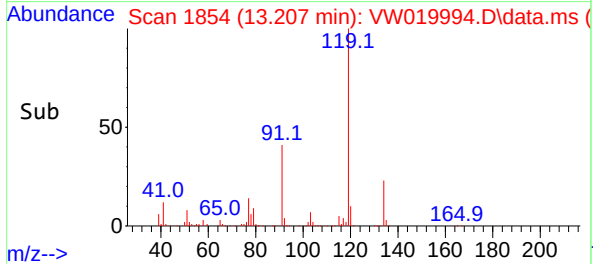




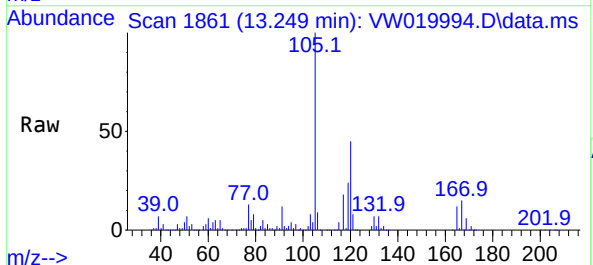
#83  
tert-Butylbenzene  
Concen: 49.396 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



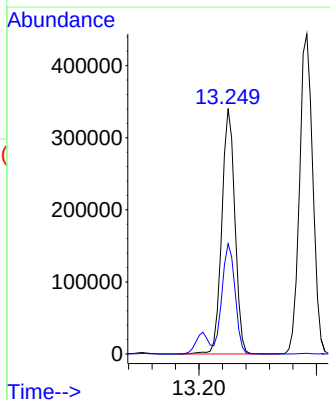
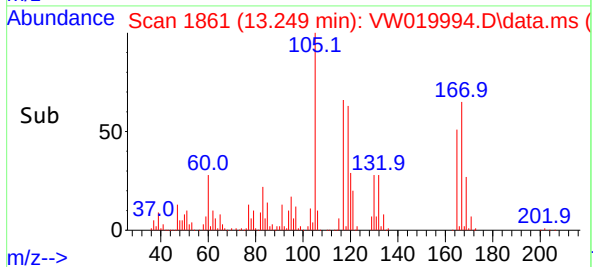
Tgt Ion:119 Resp: 459873  
Ion Ratio Lower Upper  
119 100  
91 67.8 35.0 105.0  
134 24.9 12.4 37.2



#84  
1,2,4-Trimethylbenzene  
Concen: 48.947 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52



Tgt Ion:105 Resp: 525704  
Ion Ratio Lower Upper  
105 100  
120 44.5 21.4 64.3

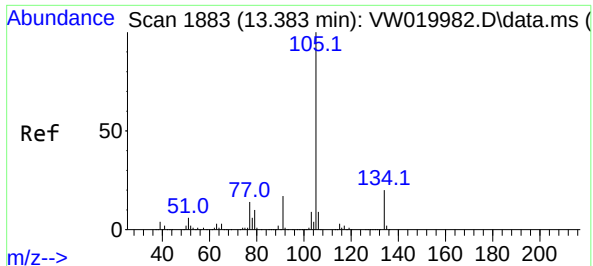


Instrument :  
MSVOA\_W  
ClientSampleId :  
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#85  
 sec-Butylbenzene  
 Concen: 49.735 ug/l  
 RT: 13.384 min Scan# 1883  
 Delta R.T. 0.001 min  
 Lab File: VW019994.D  
 Acq: 08 Sep 2021 09:52

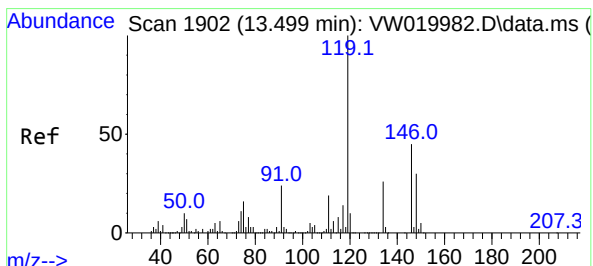
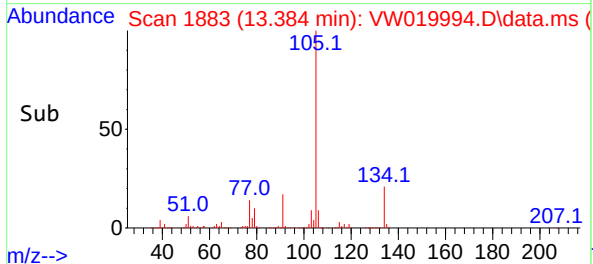
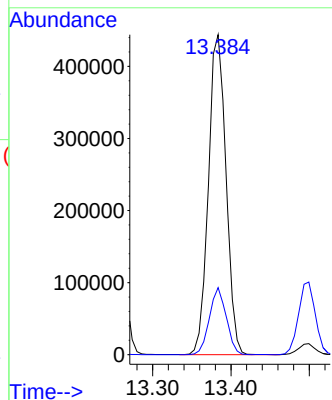
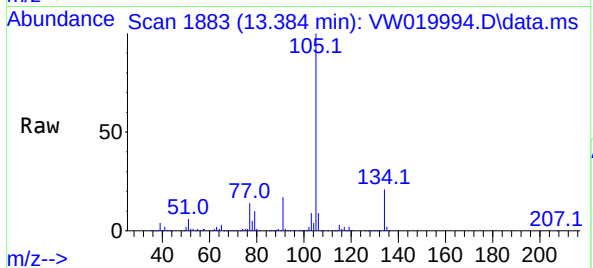
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:105 Resp: 691270  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.1 30.1

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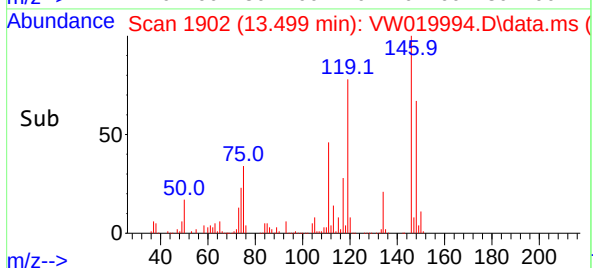
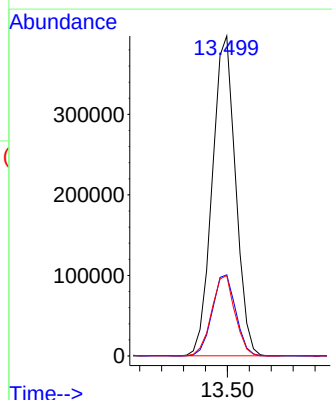
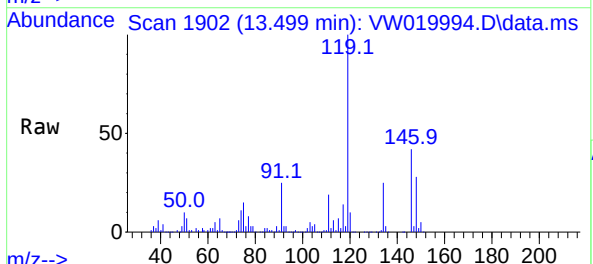
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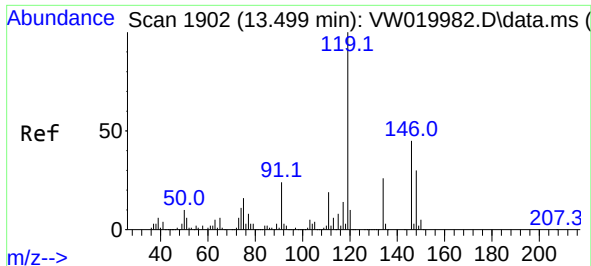
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#86  
 p-Isopropyltoluene  
 Concen: 49.672 ug/l  
 RT: 13.499 min Scan# 1902  
 Delta R.T. 0.000 min  
 Lab File: VW019994.D  
 Acq: 08 Sep 2021 09:52

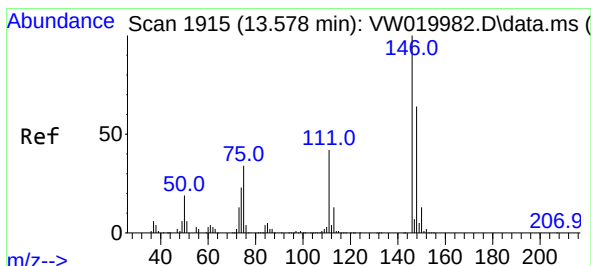
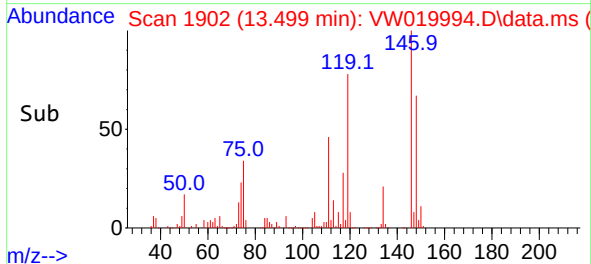
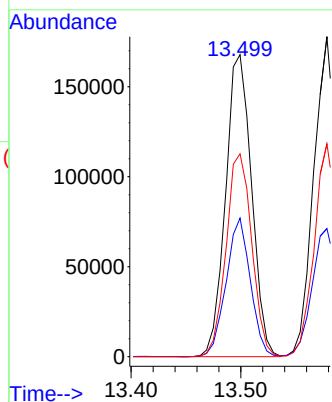
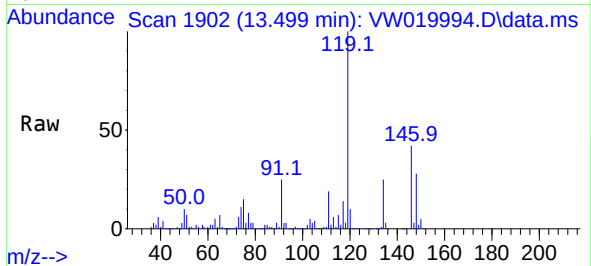
Tgt Ion:119 Resp: 586240  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 12.8 38.4  
 91 25.1 12.4 37.0





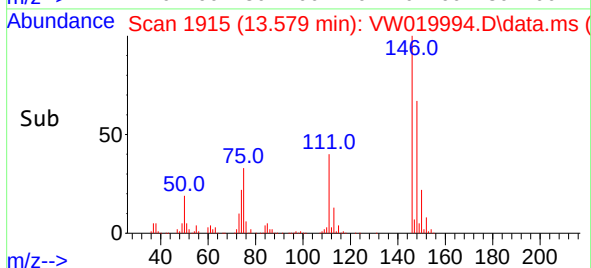
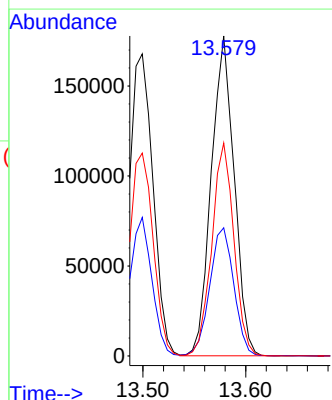
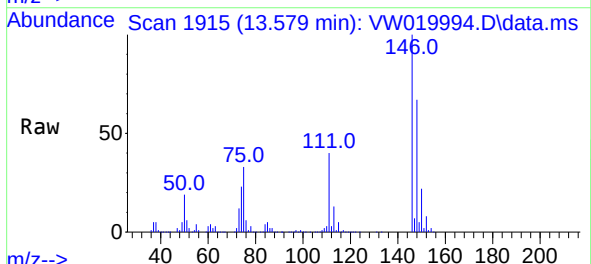
#87  
1,3-Dichlorobenzene  
Concen: 49.313 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion:146 Resp: 276317  
Ion Ratio Lower Upper  
146 100  
111 42.9 21.4 64.2  
148 66.4 32.0 96.2



#88  
1,4-Dichlorobenzene  
Concen: 49.501 ug/l  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion:146 Resp: 275277  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.9 62.8  
148 64.5 31.7 95.1



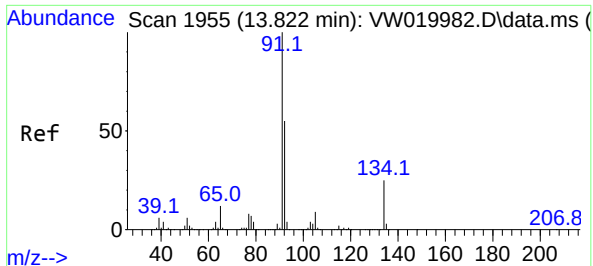
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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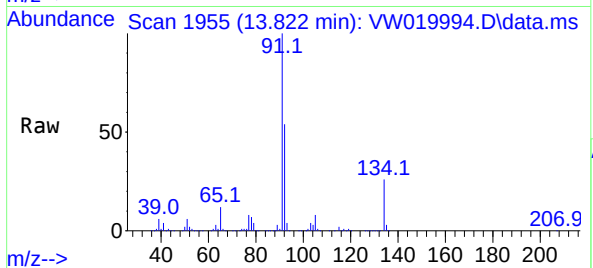
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#89  
n-Butylbenzene  
Concen: 51.257 ug/l  
RT: 13.822 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

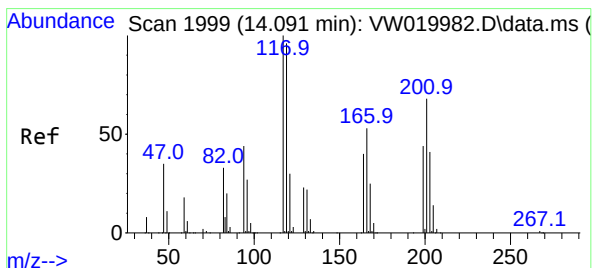
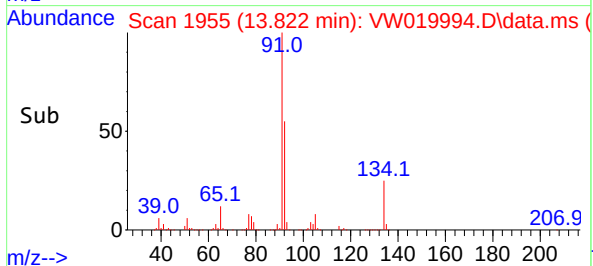
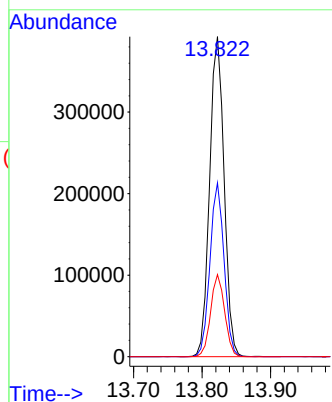


Tgt Ion: 91 Resp: 578626  
Ion Ratio Lower Upper  
91 100  
92 53.0 27.1 81.3  
134 24.9 12.4 37.2

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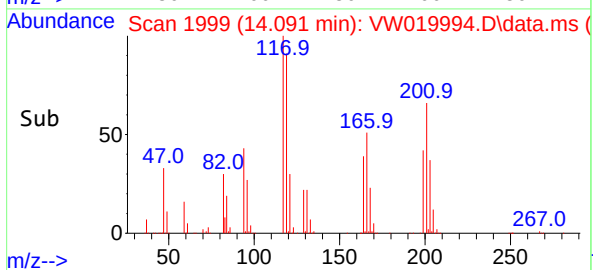
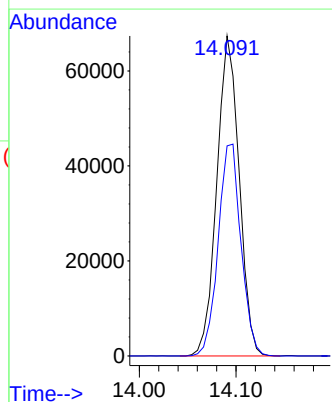
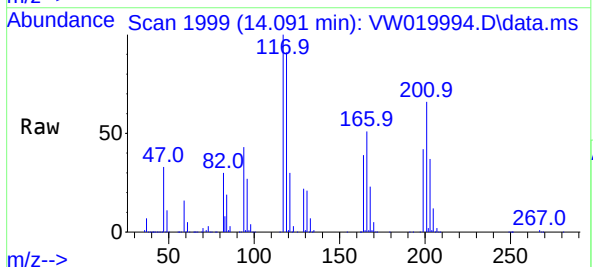
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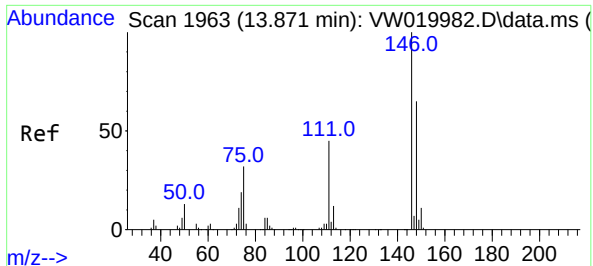
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#90  
Hexachloroethane  
Concen: 52.599 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion: 117 Resp: 108088  
Ion Ratio Lower Upper  
117 100  
201 67.5 34.7 104.1





#91  
1,2-Dichlorobenzene  
Concen: 50.454 ug/l  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

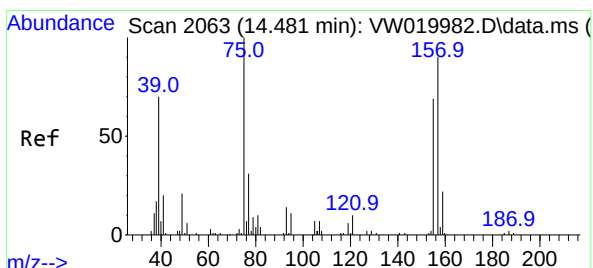
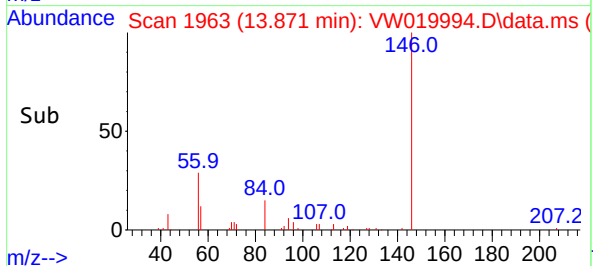
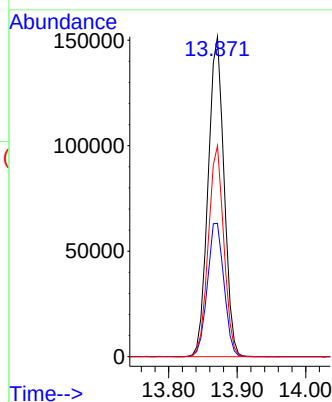
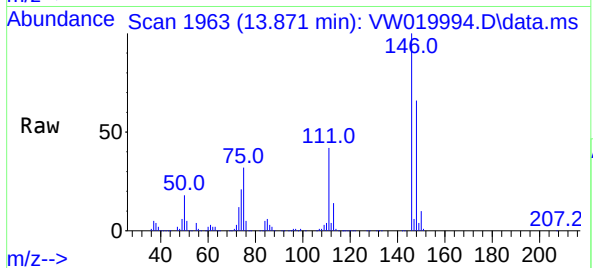
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 245554 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 43.3  | 21.8  | 65.4   |
| 148       | 64.1  | 31.9  | 95.5   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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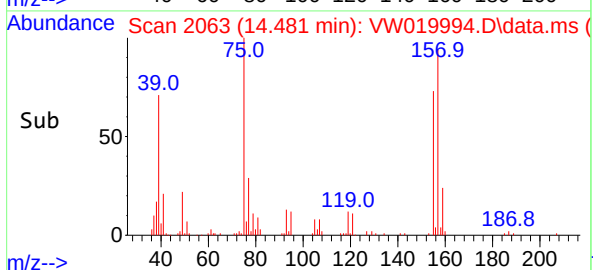
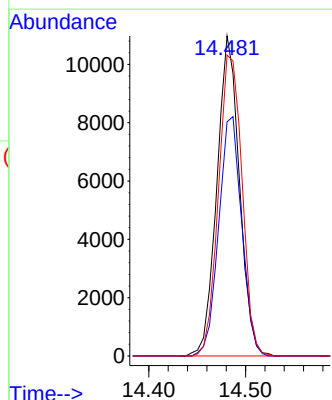
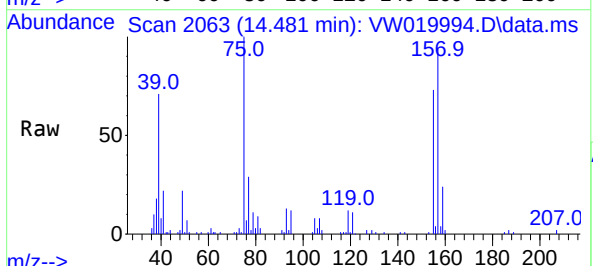
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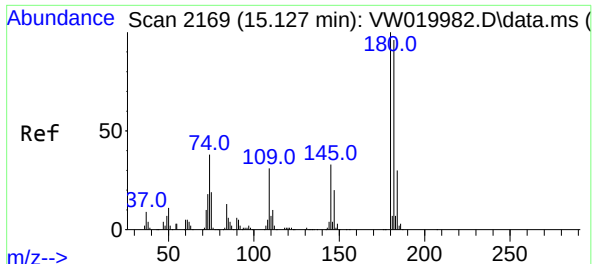
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.665 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 17735 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 76.3  | 37.6  | 112.9 |
| 157       | 98.2  | 47.6  | 142.8 |





#93  
1,2,4-Trichlorobenzene  
Concen: 51.874 ug/l  
RT: 15.127 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

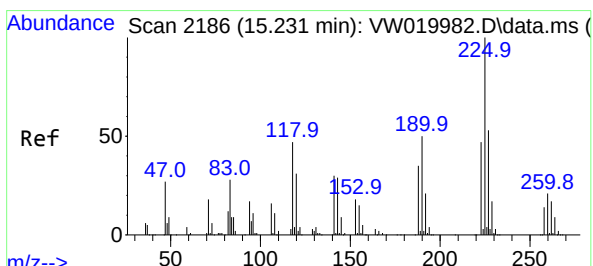
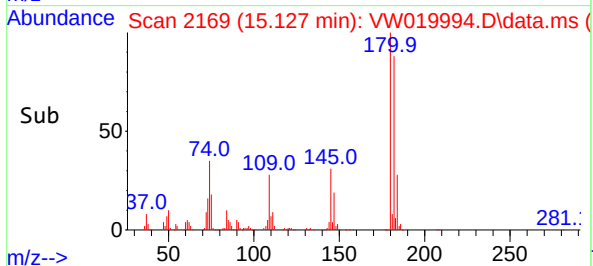
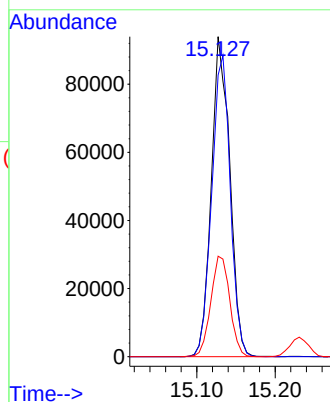
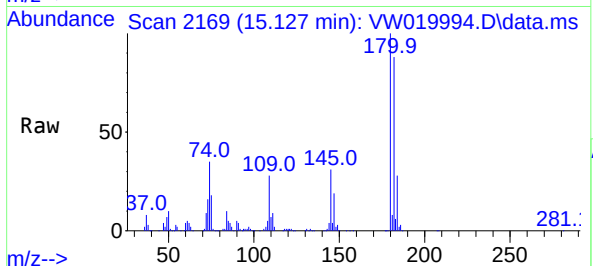
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 153930 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.6  | 47.0  | 141.0  |
| 145       | 32.3  | 16.3  | 48.9   |

Instrument :  
MSVOA\_W  
ClientSampled :  
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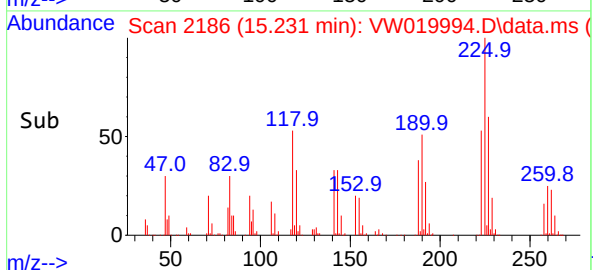
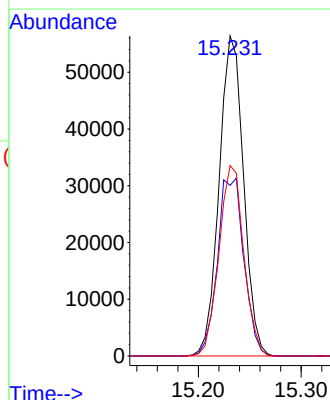
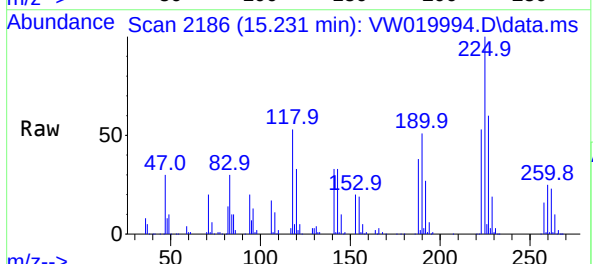
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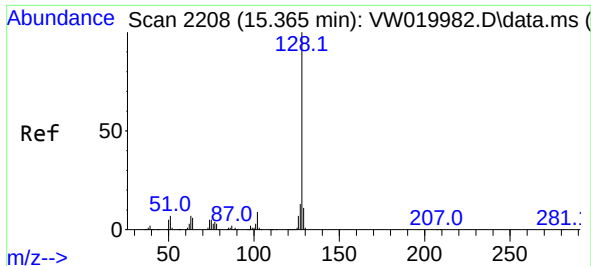
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#94  
Hexachlorobutadiene  
Concen: 52.690 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 92862 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 60.3  | 30.2  | 90.6  |
| 227       | 60.6  | 30.1  | 90.5  |





#95  
Naphthalene  
Concen: 49.699 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion:128 Resp: 287057  

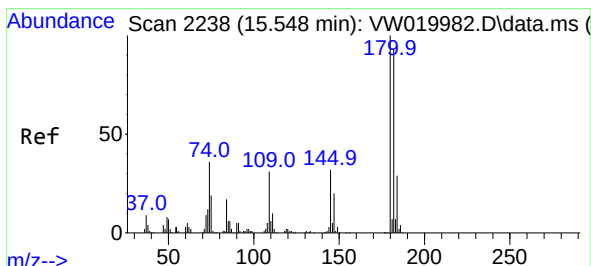
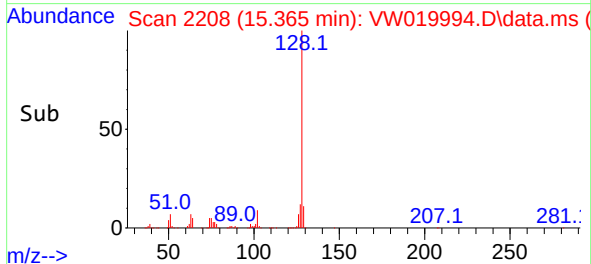
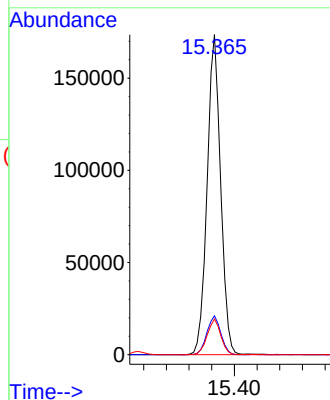
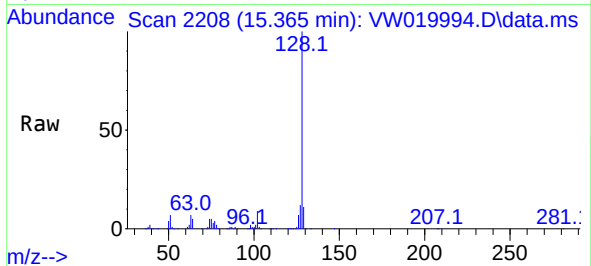
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.5  | 10.4  | 15.6  |
| 129 | 11.2  | 8.7   | 13.1  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.219 ug/l  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.006 min  
Lab File: VW019994.D  
Acq: 08 Sep 2021 09:52

Tgt Ion:180 Resp: 130618  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 96.4  | 47.9  | 143.7 |
| 145 | 35.4  | 16.4  | 49.2  |

