

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW010721\  
 Data File : VW017800.D  
 Acq On : 07 Jan 2021 14:26  
 Operator : SY/VA  
 Sample : VSTDIC150  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

Manual Integrations  
 APPROVED

MMDadoda  
 1/8/2021 2:31:25 PM

Quant Time: Jan 08 05:03:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W010721S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 08 04:59:43 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Pentafluorobenzene        | 7.945  | 168  | 198028   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.842  | 114  | 325659   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 11.634 | 117  | 295470   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.554 | 152  | 146433   | 50.00  | ug/l    | 0.00     |
|                              |        |      |          |        |         |          |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4    | 8.305  | 65   | 300611   | 119.69 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 239.38% |          |
| 35) Dibromofluoromethane     | 7.884  | 113  | 296308   | 136.60 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 273.20% |          |
| 50) Toluene-d8               | 10.323 | 98   | 1140519  | 135.46 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 270.92% |          |
| 62) 4-Bromofluorobenzene     | 12.621 | 95   | 401513   | 132.51 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 265.02% |          |
|                              |        |      |          |        |         |          |
| Target Compounds             |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.007  | 85   | 229446   | 139.25 | ug/l    | 99       |
| 3) Chloromethane             | 2.215  | 50   | 232543   | 128.45 | ug/l    | 97       |
| 4) Vinyl Chloride            | 2.361  | 62   | 370982   | 133.41 | ug/l    | 98       |
| 5) Bromomethane              | 2.757  | 94   | 353584   | 115.81 | ug/l    | 91       |
| 6) Chloroethane              | 2.916  | 64   | 253484   | 127.29 | ug/l    | 100      |
| 7) Trichlorofluoromethane    | 3.257  | 101  | 309763   | 158.06 | ug/l    | 99       |
| 8) Diethyl Ether             | 3.678  | 74   | 133802   | 134.02 | ug/l    | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.062  | 101  | 284157   | 127.20 | ug/l    | 99       |
| 10) Methyl Iodide            | 4.275  | 142  | 423077   | 141.89 | ug/l    | 100      |
| 11) Tert butyl alcohol       | 5.178  | 59   | 88678    | 613.31 | ug/l    | 97       |
| 12) 1,1-Dichloroethene       | 4.044  | 96   | 292312   | 137.33 | ug/l    | 94       |
| 13) Acrolein                 | 3.885  | 56   | 108176   | 654.06 | ug/l    | 100      |
| 14) Allyl chloride           | 4.665  | 41   | 411825   | 139.02 | ug/l    | 98       |
| 15) Acrylonitrile            | 5.360  | 53   | 315876   | 678.27 | ug/l    | 99       |
| 16) Acetone                  | 4.117  | 43   | 288399   | 655.74 | ug/l    | 95       |
| 17) Carbon Disulfide         | 4.385  | 76   | 871195   | 138.30 | ug/l    | 99       |
| 18) Methyl Acetate           | 4.665  | 43   | 131244   | 122.83 | ug/l    | 96       |
| 19) Methyl tert-butyl Ether  | 5.428  | 73   | 370152   | 126.22 | ug/l    | 96       |
| 20) Methylene Chloride       | 4.915  | 84   | 312514   | 112.70 | ug/l    | 94       |
| 21) trans-1,2-Dichloroethene | 5.421  | 96   | 351449   | 138.56 | ug/l    | 98       |
| 22) Diisopropyl ether        | 6.312  | 45   | 794857   | 130.89 | ug/l    | 97       |
| 23) Vinyl Acetate            | 6.251  | 43   | 2689340  | 702.88 | ug/l    | 98       |
| 24) 1,1-Dichloroethane       | 6.214  | 63   | 569312   | 133.78 | ug/l    | 98       |
| 25) 2-Butanone               | 7.165  | 43   | 402952   | 658.76 | ug/l    | 98       |
| 26) 2,2-Dichloropropane      | 7.165  | 77   | 329025   | 131.84 | ug/l    | 98       |
| 27) cis-1,2-Dichloroethene   | 7.171  | 96   | 370998   | 139.34 | ug/l    | 97       |
| 28) Bromochloromethane       | 7.513  | 49   | 231622   | 134.07 | ug/l    | 91       |
| 29) Tetrahydrofuran          | 7.525  | 42   | 256362   | 664.91 | ug/l    | 98       |
| 30) Chloroform               | 7.677  | 83   | 610970   | 134.03 | ug/l    | 98       |
| 31) Cyclohexane              | 7.958  | 56   | 512672   | 119.14 | ug/l    | 97       |
| 32) 1,1,1-Trichloroethane    | 7.872  | 97   | 518123   | 138.10 | ug/l    | 98       |
| 36) 1,1-Dichloropropene      | 8.079  | 75   | 489891   | 136.37 | ug/l    | 98       |
| 37) Ethyl Acetate            | 7.250  | 43   | 185020   | 134.44 | ug/l    | 97       |
| 38) Carbon Tetrachloride     | 8.067  | 117  | 512999   | 153.19 | ug/l    | 96       |
| 39) Methylcyclohexane        | 9.335  | 83   | 626654   | 144.41 | ug/l    | 97       |
| 40) Benzene                  | 8.323  | 78   | 1314982  | 138.99 | ug/l    | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW010721\  
 Data File : VW017800.D  
 Acq On : 07 Jan 2021 14:26  
 Operator : SY/VA  
 Sample : VSTDIC150  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

Manual Integrations  
 APPROVED

MMDadoda  
 1/8/2021 2:31:25 PM

Quant Time: Jan 08 05:03:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W010721S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 08 04:59:43 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.482  | 41   | 106835   | 135.62  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.403  | 62   | 388192   | 130.18  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.421  | 43   | 356599   | 147.38  | ug/l   | 98       |
| 44) Trichloroethene           | 9.092  | 130  | 376656   | 146.47  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.366  | 63   | 307117   | 137.90  | ug/l   | 98       |
| 46) Dibromomethane            | 9.457  | 93   | 182844   | 138.00  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.646  | 83   | 459453   | 142.94  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.433  | 41   | 179444   | 142.68  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.445  | 88   | 44531    | 2872.25 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.207 | 43   | 889160   | 710.74  | ug/l   | 98       |
| 52) Toluene                   | 10.390 | 92   | 886745   | 142.89  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.603 | 75   | 454307   | 160.78  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 524369   | 152.38  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 244384   | 136.75  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 305931   | 154.69  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 416485   | 134.71  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 680020   | 676.32  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.969 | 43   | 601154   | 731.62  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.128 | 129  | 314561   | 159.16  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.237 | 107  | 247674   | 144.69  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.859 | 164  | 300234   | 144.89  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.658 | 112  | 932485   | 141.17  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 331300   | 153.48  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.731 | 91   | 1723028  | 142.61  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.841 | 106  | 1326592  | 290.74  | ug/l   | 97       |
| 69) o-Xylene                  | 12.164 | 106  | 611710   | 146.13  | ug/l   | 100      |
| 70) Styrene                   | 12.182 | 104  | 1043616  | 150.25  | ug/l   | 99       |
| 71) Bromoform                 | 12.347 | 173  | 170130   | 169.49  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.463 | 105  | 1720341  | 148.16  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.274 | 43   | 316687   | 159.05  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 278056   | 137.53  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 178794m  | 130.90  | ug/l   |          |
| 77) Bromobenzene              | 12.743 | 156  | 376197   | 150.47  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.804 | 91   | 2022414  | 143.71  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 1104221  | 142.29  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 1440792  | 148.97  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 90668    | 190.53  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 1163127  | 138.85  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.207 | 119  | 1269200  | 152.09  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 1423791  | 144.56  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.383 | 105  | 1756773  | 147.71  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.499 | 119  | 1617578  | 149.81  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 735143   | 144.10  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 716275   | 137.56  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.822 | 91   | 1538792  | 142.79  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.091 | 117  | 293496   | 167.46  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 642303   | 143.58  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 49466    | 143.45  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.133 | 180  | 443598   | 151.71  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 244059   | 150.92  | ug/l   | 96       |
| 95) Naphthalene               | 15.365 | 128  | 900715   | 163.59  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 383111   | 153.44  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW010721\  
Data File : VW017800.D  
Acq On : 07 Jan 2021 14:26  
Operator : SY/VA  
Sample : VSTDICC150  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC150

Manual Integrations  
APPROVED

MMDadoda  
1/8/2021 2:31:25 PM

Quant Time: Jan 08 05:03:35 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W010721S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 08 04:59:43 2021  
Response via : Initial Calibration

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

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

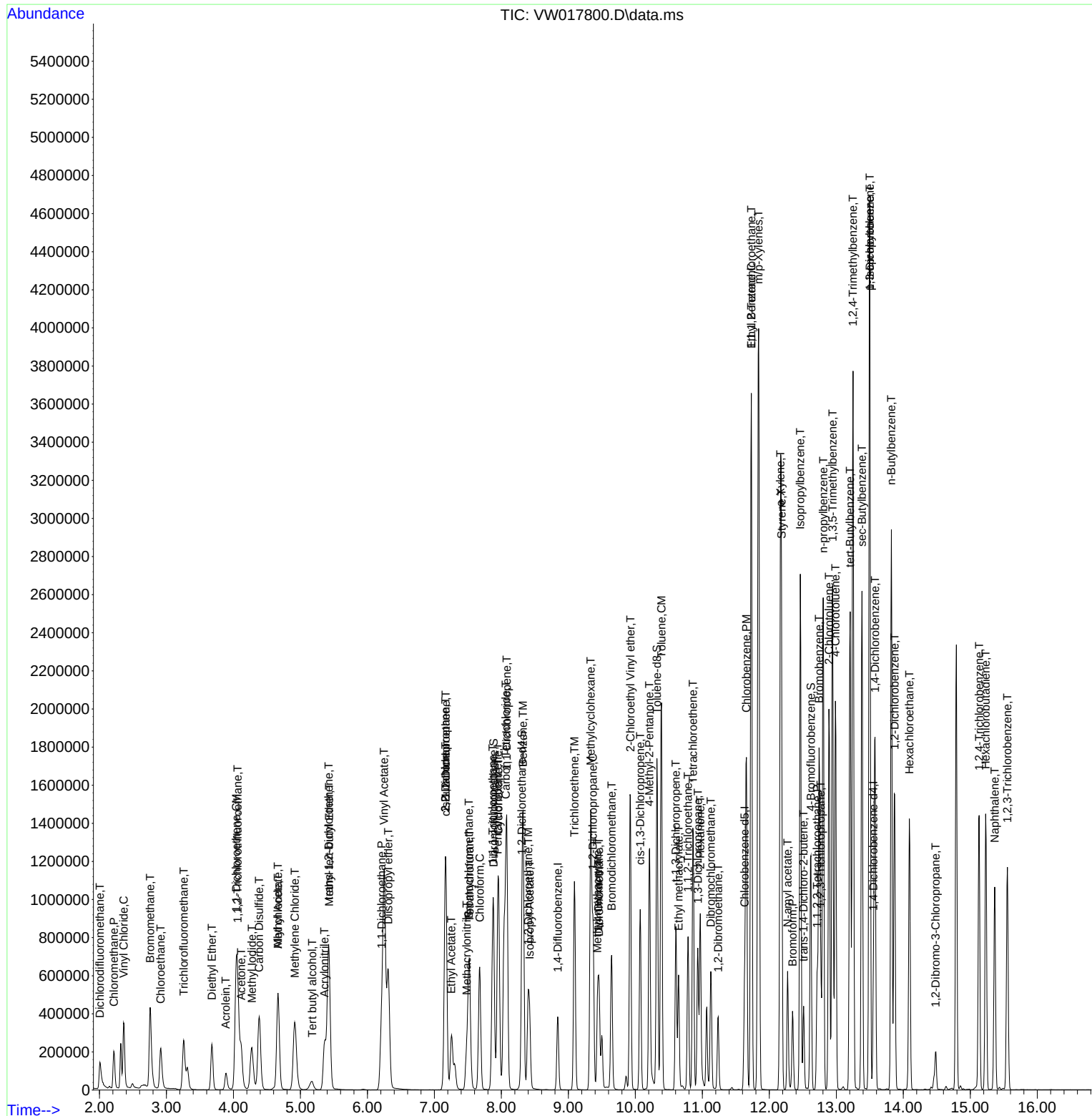
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Data File : VW017800.D  
Acq On : 07 Jan 2021 14:26  
Operator : SY/VA  
Sample : VSTDIC150  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

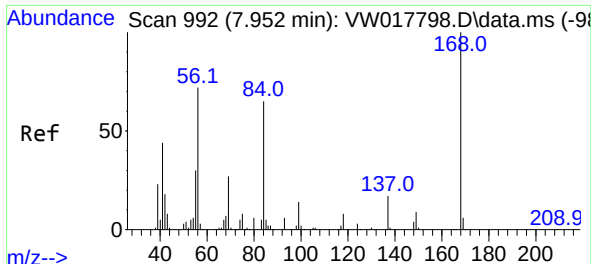
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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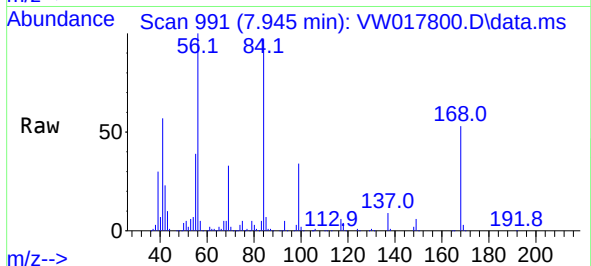
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Quant Time: Jan 08 05:03:35 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W010721S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 08 04:59:43 2021  
Response via : Initial Calibration

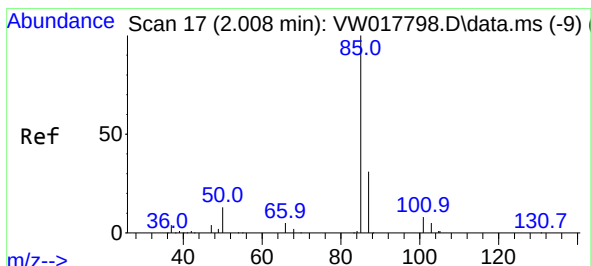
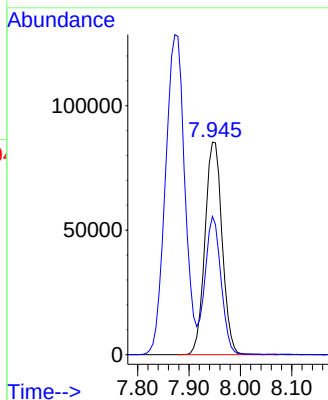
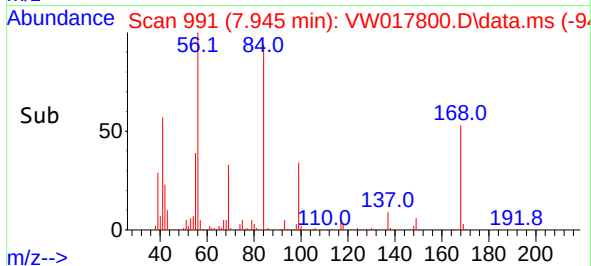




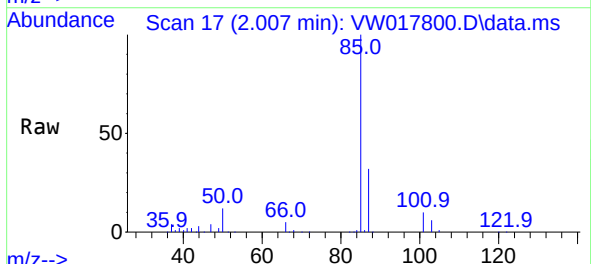
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Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.945 min Scan# 991  
Delta R.T. -0.007 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



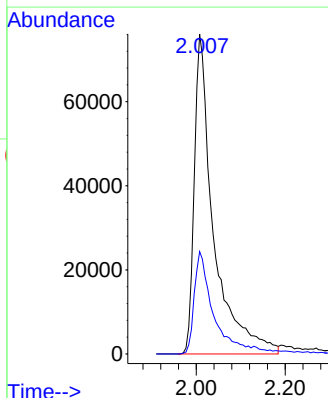
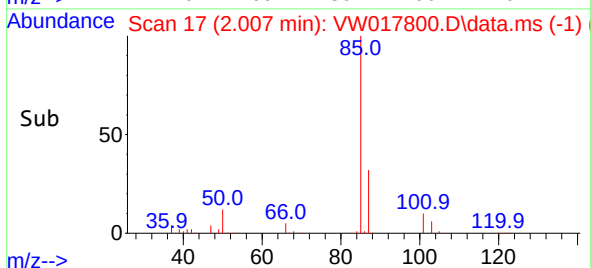
Tgt Ion: 168 Resp: 198028  
Ion Ratio Lower Upper  
168 100  
99 64.9 48.1 72.1



#2  
Dichlorodifluoromethane  
Concen: 139.25 ug/l  
RT: 2.007 min Scan# 17  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



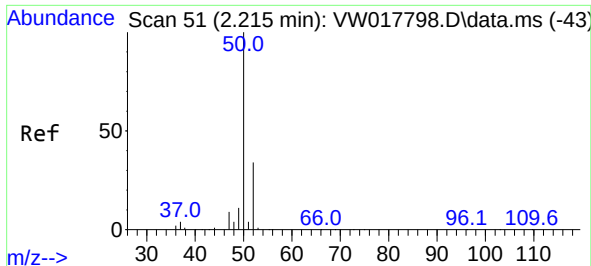
Tgt Ion: 85 Resp: 229446  
Ion Ratio Lower Upper  
85 100  
87 32.0 15.7 47.1



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Manual Integrations  
APPROVED

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1/8/2021 2:31:25 PM



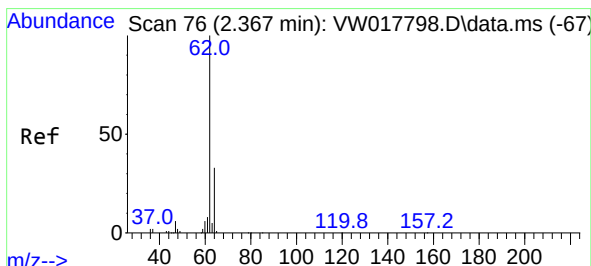
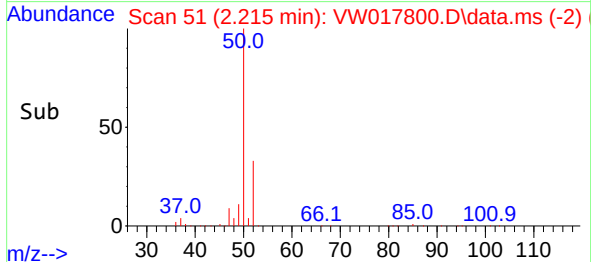
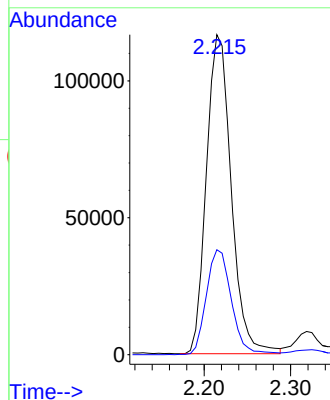
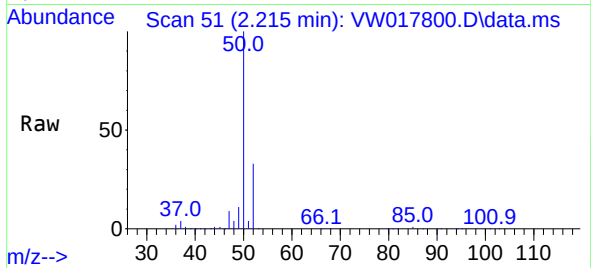
#3  
Chloromethane  
Concen: 128.45 ug/l  
RT: 2.215 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 50 Resp: 232543  
Ion Ratio Lower Upper  
50 100  
52 32.8 27.4 41.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

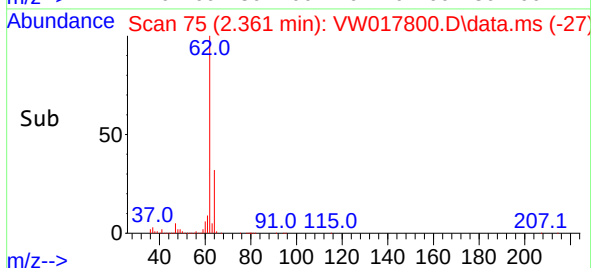
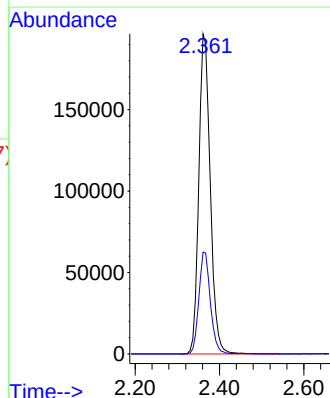
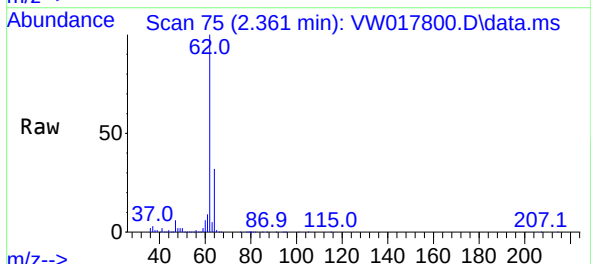
Manual Integrations  
APPROVED

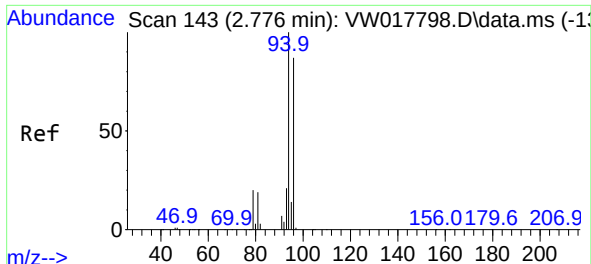
MMDadoda  
1/8/2021 2:31:25 PM



#4  
Vinyl Chloride  
Concen: 133.41 ug/l  
RT: 2.361 min Scan# 75  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

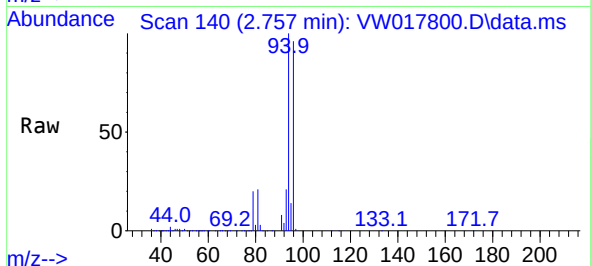
Tgt Ion: 62 Resp: 370982  
Ion Ratio Lower Upper  
62 100  
64 31.8 26.3 39.5





#5  
Bromomethane  
Concen: 115.81 ug/l  
RT: 2.757 min Scan# 140  
Delta R.T. -0.018 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

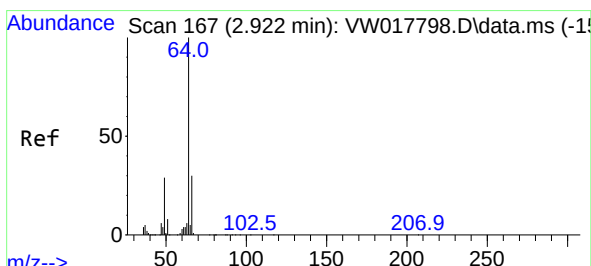
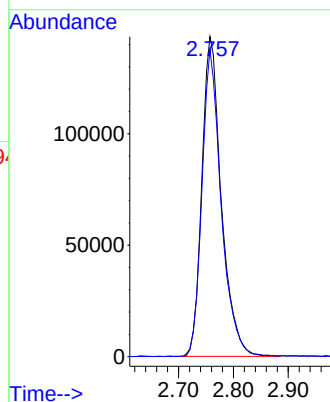
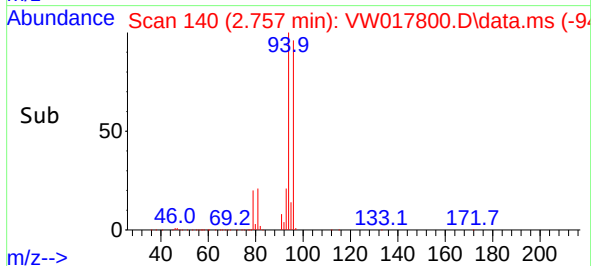
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150



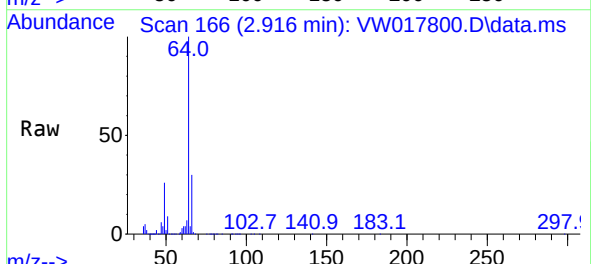
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Ion Ratio Lower Upper  
94 100  
96 96.0 70.0 105.0

Manual Integrations  
APPROVED

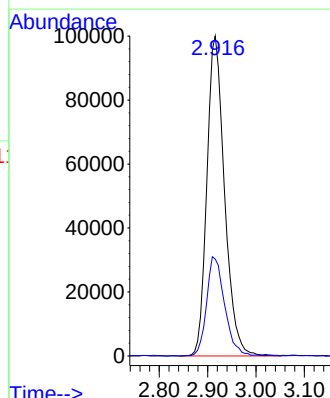
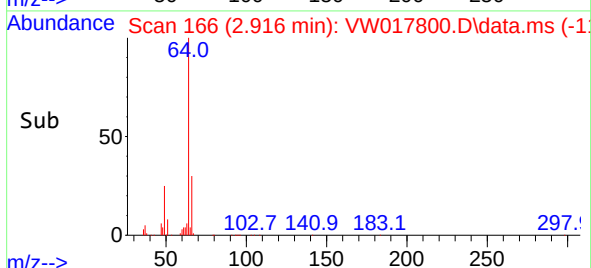
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1/8/2021 2:31:25 PM

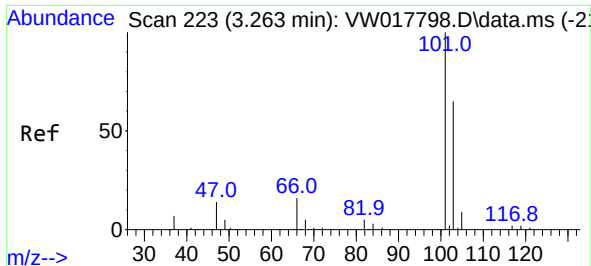


#6  
Chloroethane  
Concen: 127.29 ug/l  
RT: 2.916 min Scan# 166  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



Tgt Ion: 64 Resp: 253484  
Ion Ratio Lower Upper  
64 100  
66 30.3 24.3 36.5





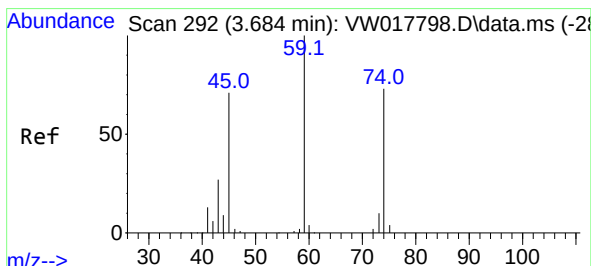
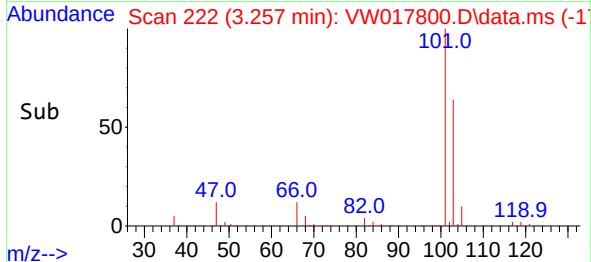
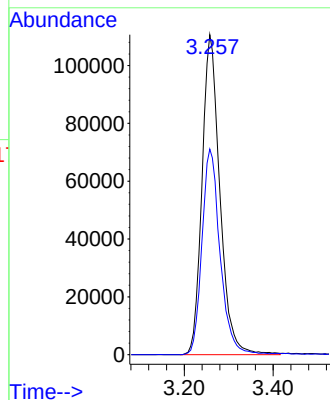
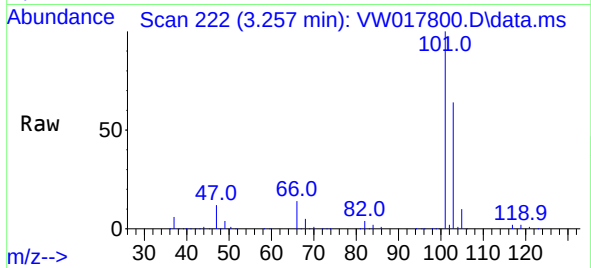
#7  
Trichlorofluoromethane  
Concen: 158.06 ug/l  
RT: 3.257 min Scan# 222  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion:101 Resp: 309763  
Ion Ratio Lower Upper  
101 100  
103 64.3 51.8 77.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

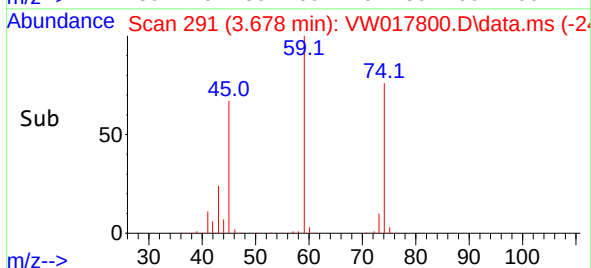
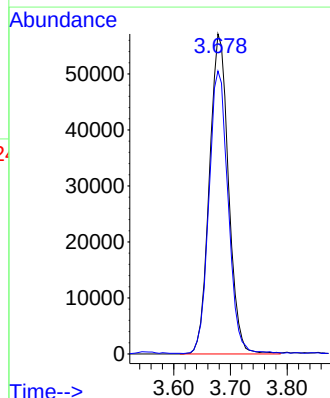
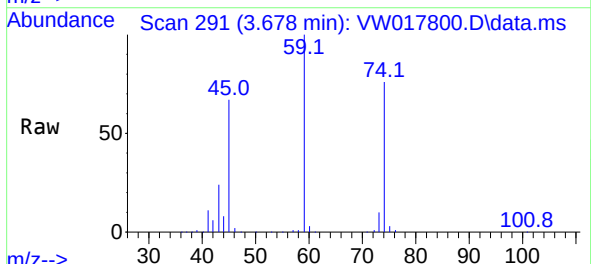
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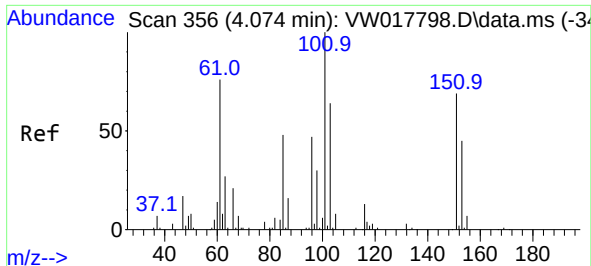


#8  
Diethyl Ether  
Concen: 134.02 ug/l  
RT: 3.678 min Scan# 291  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 74 Resp: 133802  
Ion Ratio Lower Upper  
74 100  
45 88.6 46.5 139.5







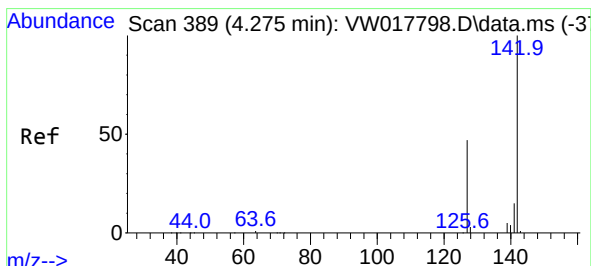
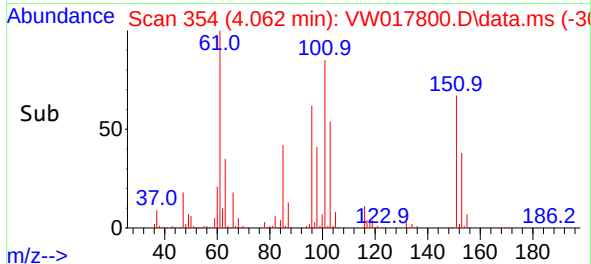
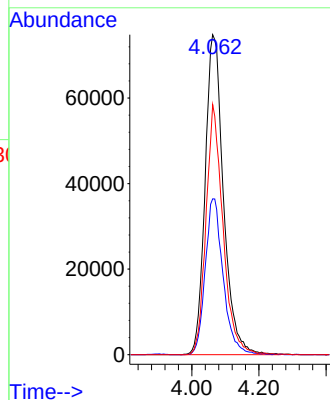
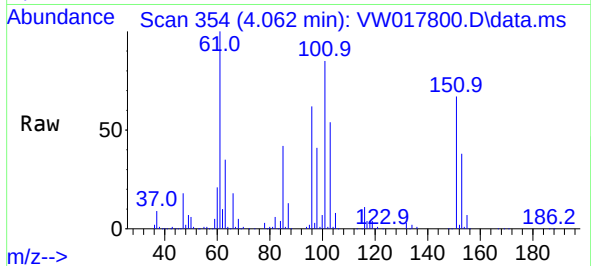
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 127.20 ug/l  
RT: 4.062 min Scan# 354  
Delta R.T. -0.012 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion:101 Resp: 284157  
Ion Ratio Lower Upper  
101 100  
85 47.6 37.9 56.9  
151 72.4 57.0 85.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

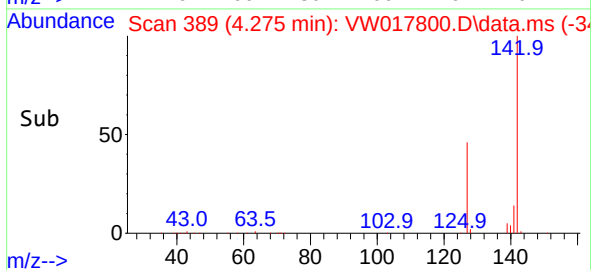
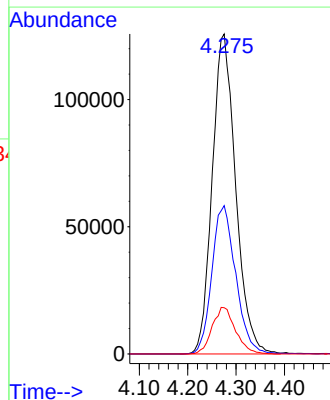
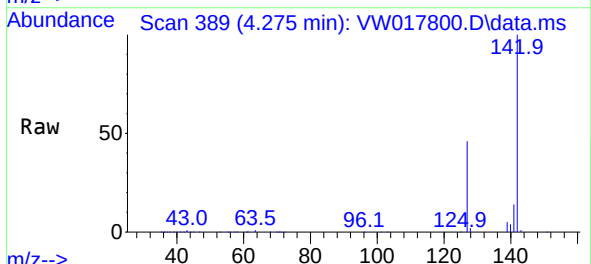
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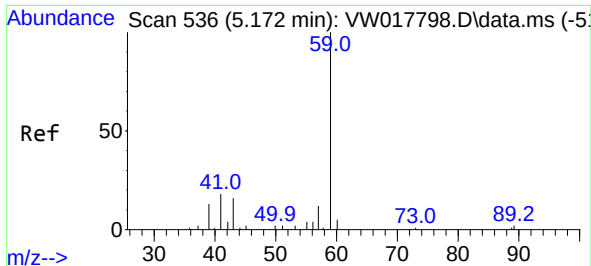
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#10  
Methyl Iodide  
Concen: 141.89 ug/l  
RT: 4.275 min Scan# 389  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion:142 Resp: 423077  
Ion Ratio Lower Upper  
142 100  
127 47.2 37.7 56.5  
141 14.5 11.7 17.5





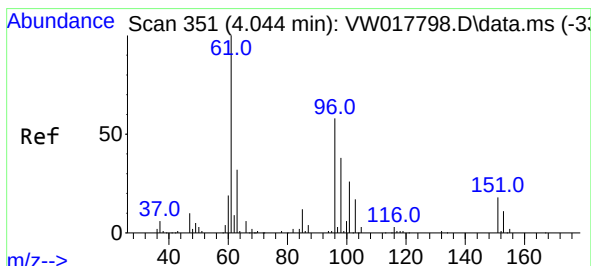
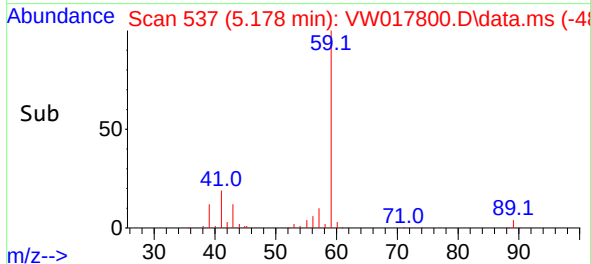
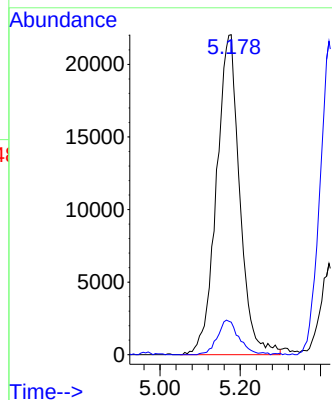
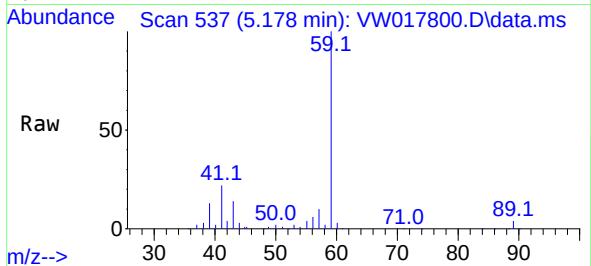
#11  
Tert butyl alcohol  
Concen: 613.31 ug/l  
RT: 5.178 min Scan# 537  
Delta R.T. 0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 59 Resp: 88678  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.7 13.1

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

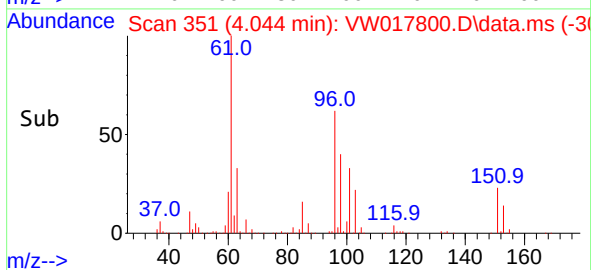
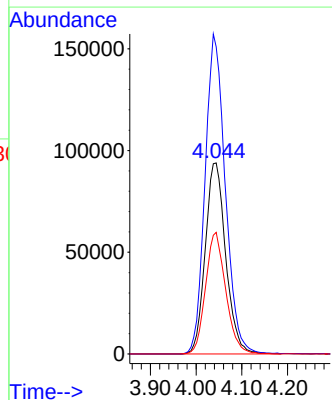
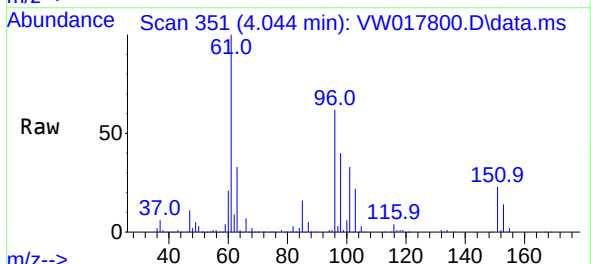
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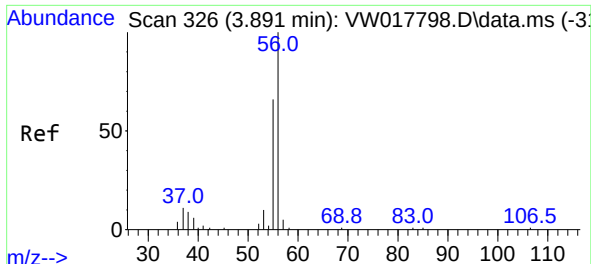
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#12  
1,1-Dichloroethene  
Concen: 137.33 ug/l  
RT: 4.044 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 96 Resp: 292312  
Ion Ratio Lower Upper  
96 100  
61 160.7 137.0 205.6  
98 63.6 51.7 77.5





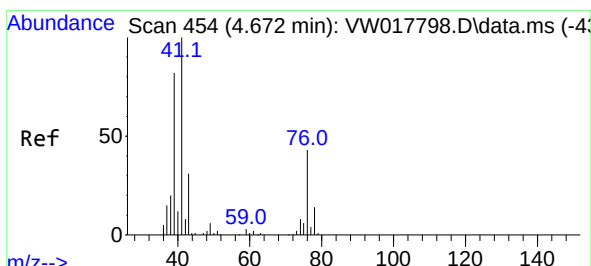
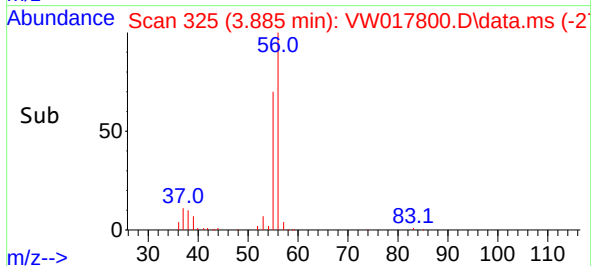
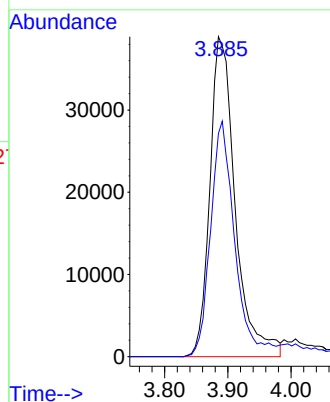
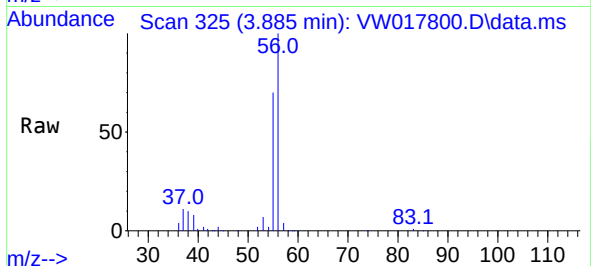
#13  
Acrolein  
Concen: 654.06 ug/l  
RT: 3.885 min Scan# 325  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 56 Resp: 108176  
Ion Ratio Lower Upper  
56 100  
55 70.4 56.5 84.7

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

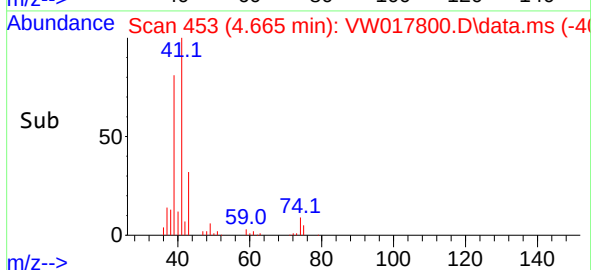
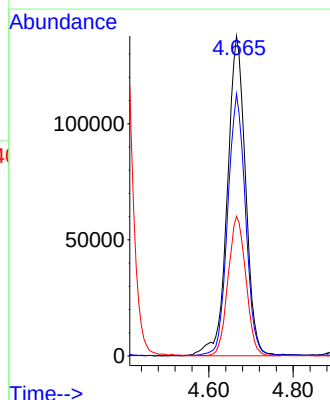
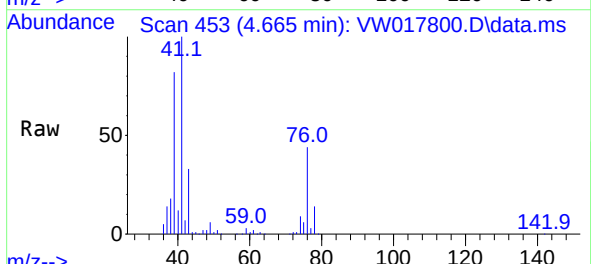
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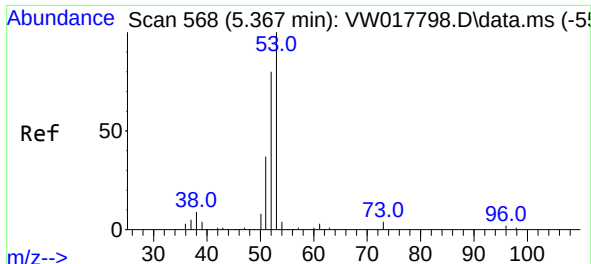
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#14  
Allyl chloride  
Concen: 139.02 ug/l  
RT: 4.665 min Scan# 453  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 41 Resp: 411825  
Ion Ratio Lower Upper  
41 100  
39 79.8 64.8 97.2  
76 42.5 32.7 49.1





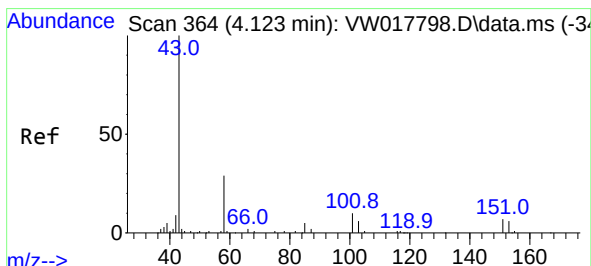
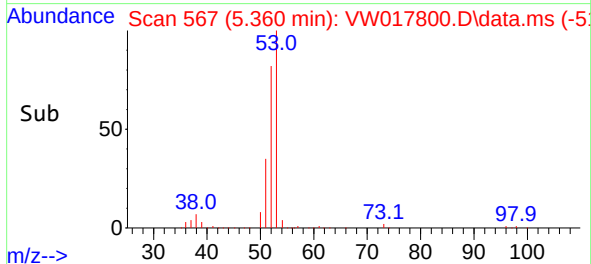
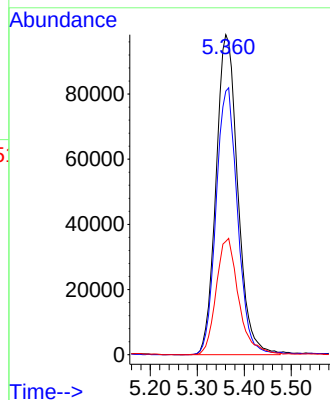
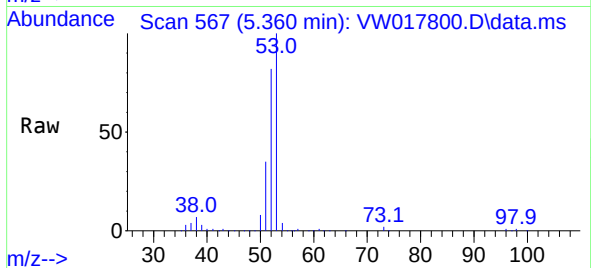
#15  
Acrylonitrile  
Concen: 678.27 ug/l  
RT: 5.360 min Scan# 567  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 315876 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.7  | 65.4  | 98.0   |
| 51       | 37.6  | 29.5  | 44.3   |

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

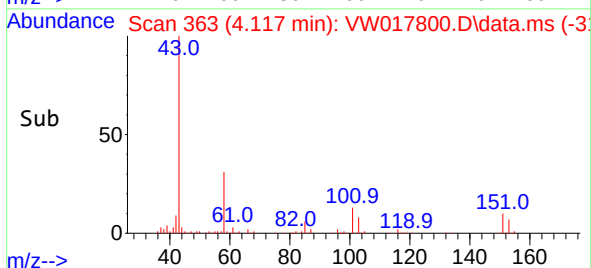
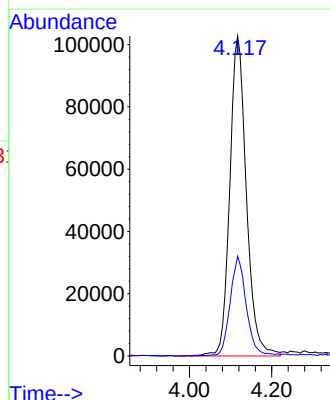
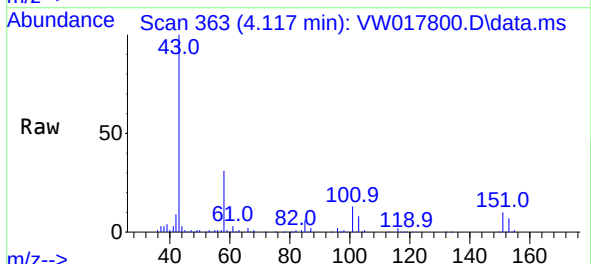
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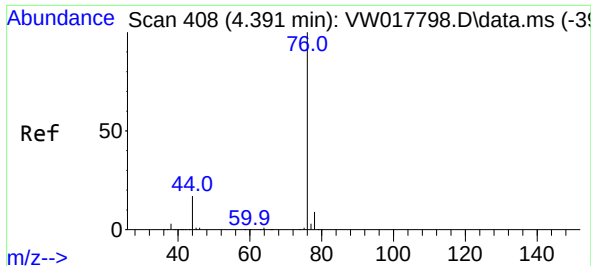
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#16  
Acetone  
Concen: 655.74 ug/l  
RT: 4.117 min Scan# 363  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 288399 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 31.1  | 22.9  | 34.3   |





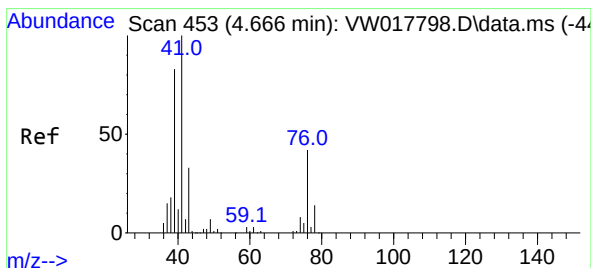
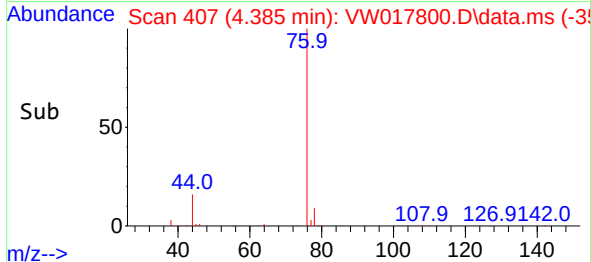
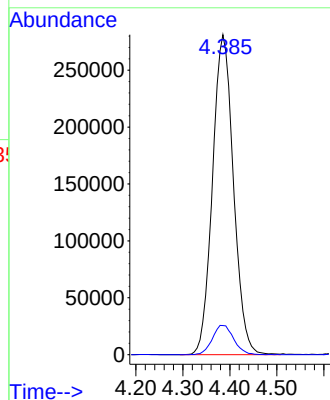
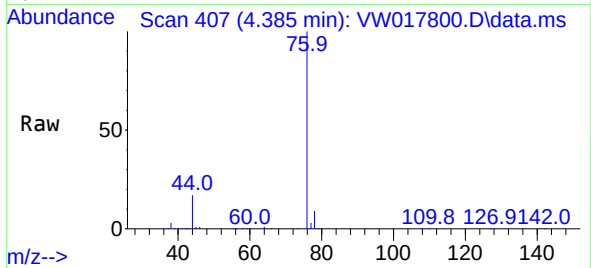
#17  
Carbon Disulfide  
Concen: 138.30 ug/l  
RT: 4.385 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 76 Resp: 871195  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.5 11.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

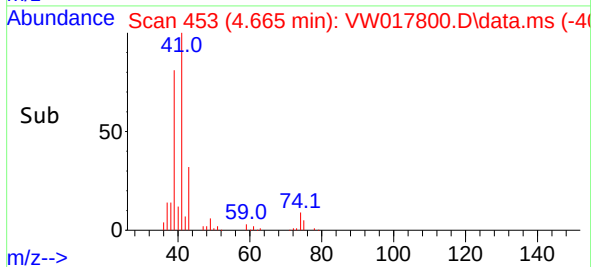
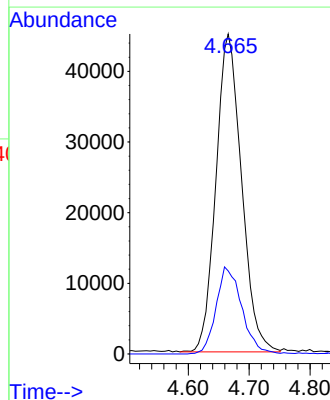
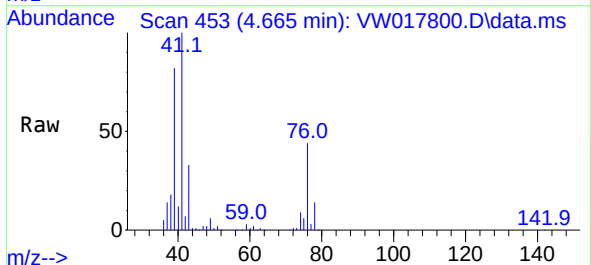
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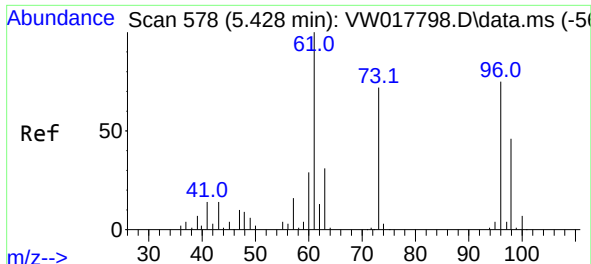
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#18  
Methyl Acetate  
Concen: 122.83 ug/l  
RT: 4.665 min Scan# 453  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 43 Resp: 131244  
Ion Ratio Lower Upper  
43 100  
74 27.3 20.4 30.6





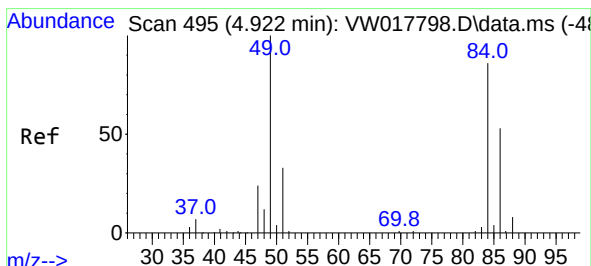
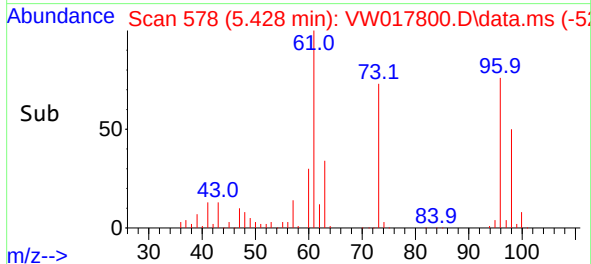
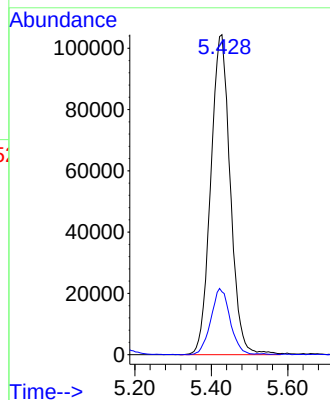
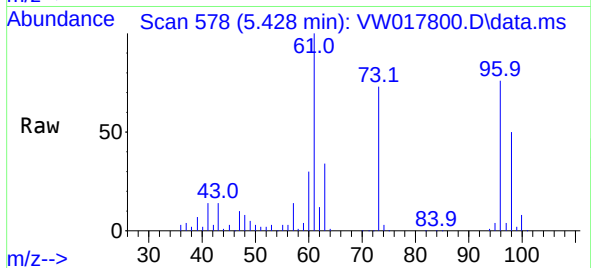
#19  
Methyl tert-butyl Ether  
Concen: 126.22 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 73 Resp: 370152  
Ion Ratio Lower Upper  
73 100  
57 19.7 17.2 25.8

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

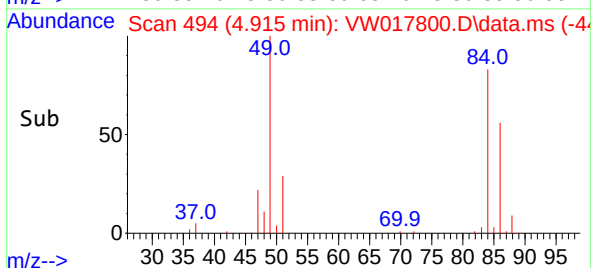
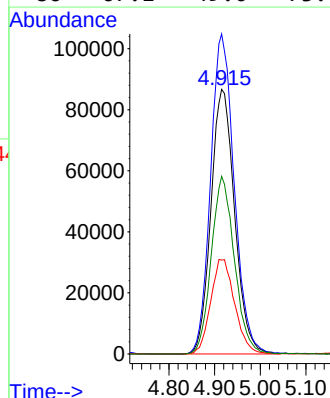
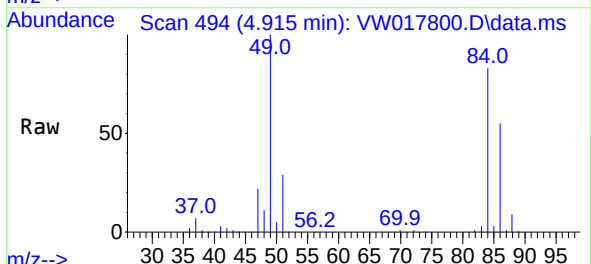
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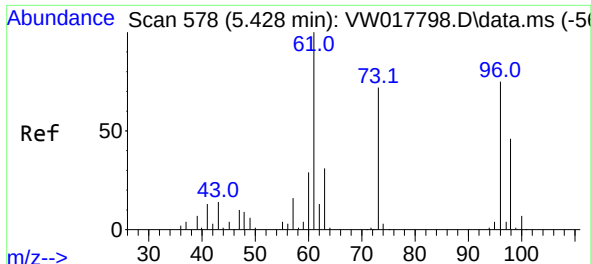
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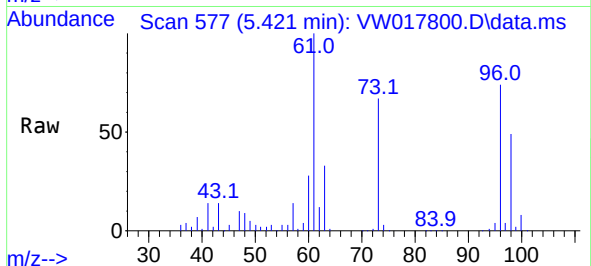
#20  
Methylene Chloride  
Concen: 112.70 ug/l  
RT: 4.915 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 84 Resp: 312514  
Ion Ratio Lower Upper  
84 100  
49 120.9 92.6 138.8  
51 35.5 30.6 45.8  
86 67.1 49.0 73.4



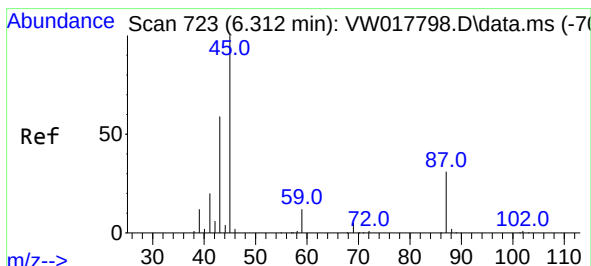
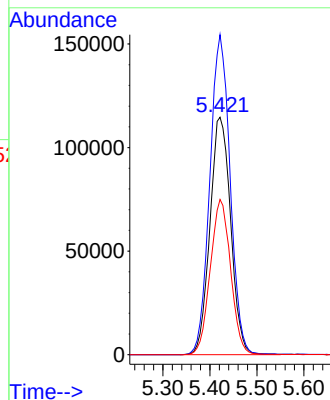
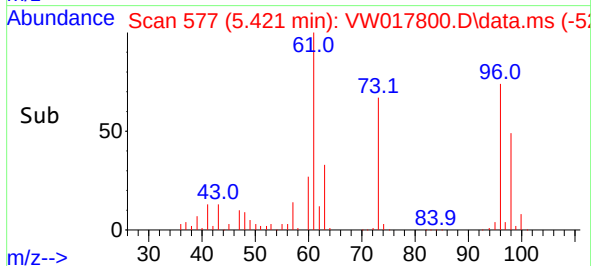


#21  
trans-1,2-Dichloroethene  
Concen: 138.56 ug/l  
RT: 5.421 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

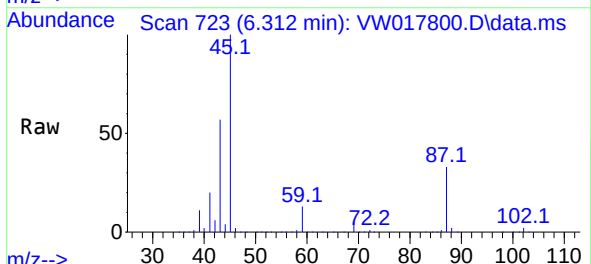


Tgt Ion: 96 Resp: 351449

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 134.7 | 107.3 | 160.9 |
| 98  | 65.4  | 49.6  | 74.4  |

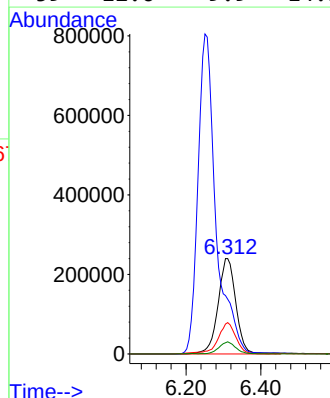
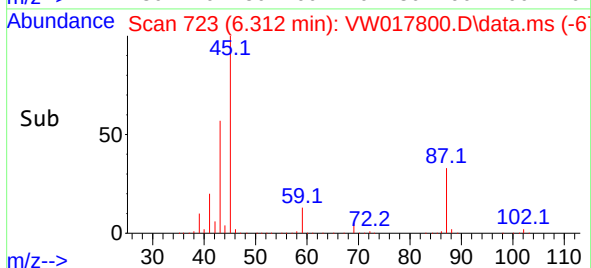


#22  
Diisopropyl ether  
Concen: 130.89 ug/l  
RT: 6.312 min Scan# 723  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



Tgt Ion: 45 Resp: 794857

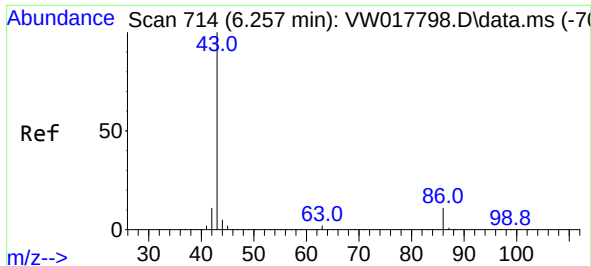
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 57.2  | 48.4  | 72.6  |
| 87  | 32.5  | 25.2  | 37.8  |
| 59  | 12.6  | 9.9   | 14.9  |



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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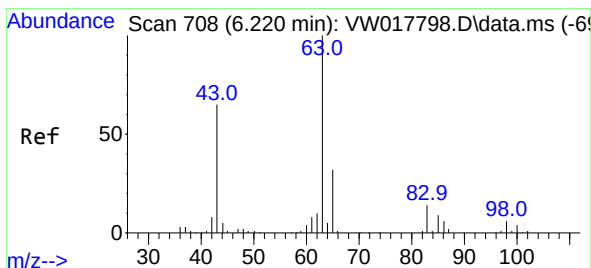
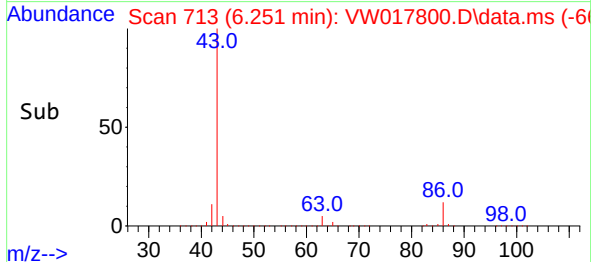
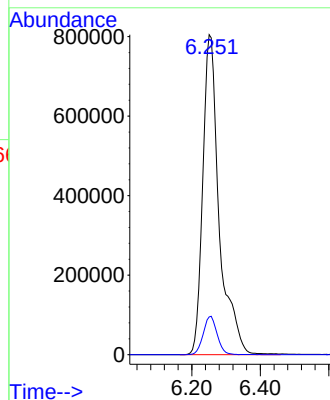
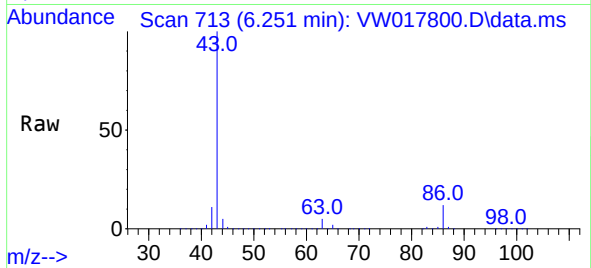
#23  
 Vinyl Acetate  
 Concen: 702.88 ug/l  
 RT: 6.251 min Scan# 713  
 Delta R.T. -0.006 min  
 Lab File: VW017800.D  
 Acq: 07 Jan 2021 14:26

Tgt Ion: 43 Resp: 2689340  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 8.9 13.3

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC150

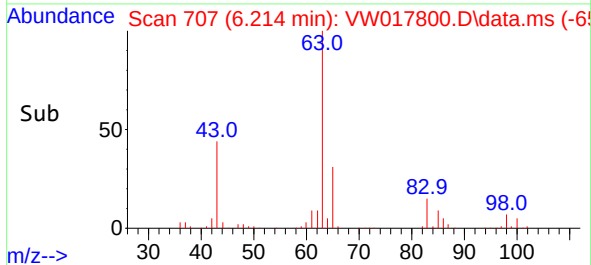
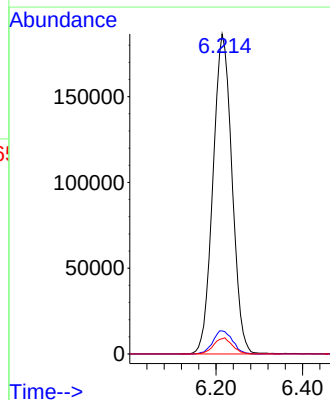
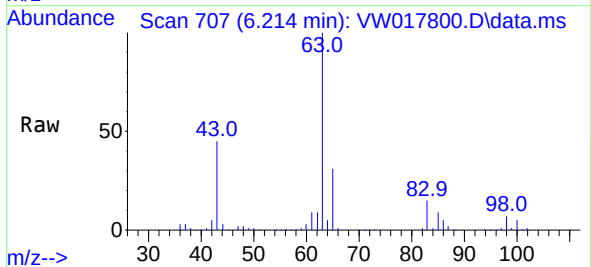
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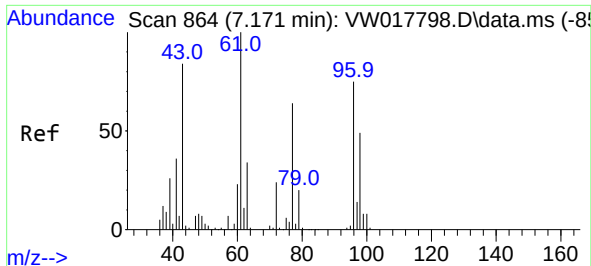


#24  
 1,1-Dichloroethane  
 Concen: 133.78 ug/l  
 RT: 6.214 min Scan# 707  
 Delta R.T. -0.006 min  
 Lab File: VW017800.D  
 Acq: 07 Jan 2021 14:26

Tgt Ion: 63 Resp: 569312  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.1 9.3  
 100 4.8 2.1 6.3







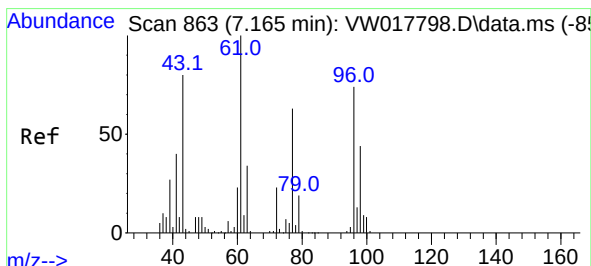
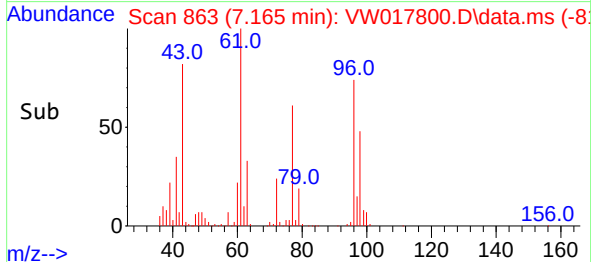
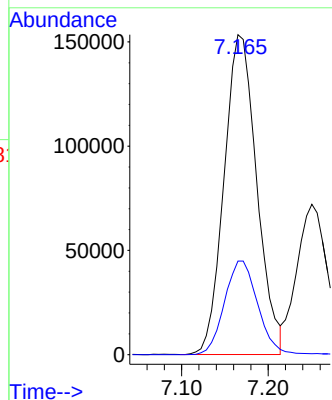
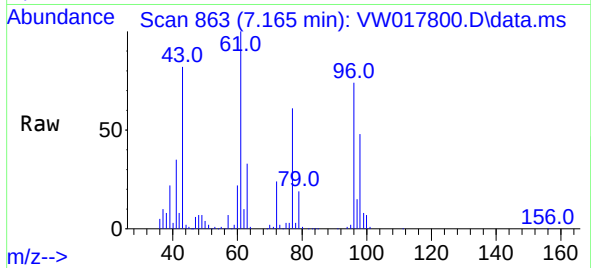
#25  
2-Butanone  
Concen: 658.76 ug/l  
RT: 7.165 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 43 Resp: 402952  
Ion Ratio Lower Upper  
43 100  
72 29.3 22.6 33.8

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

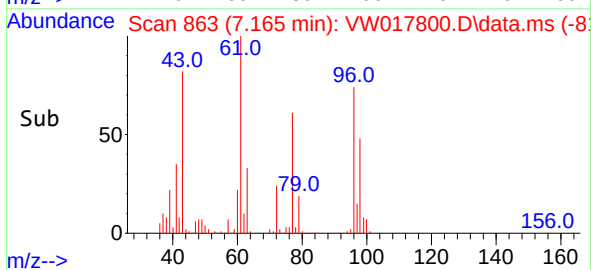
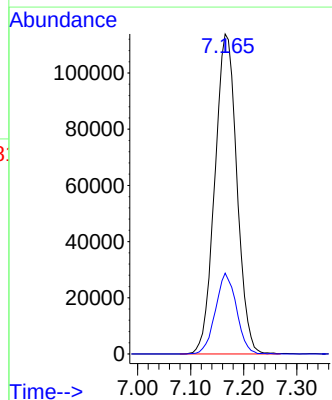
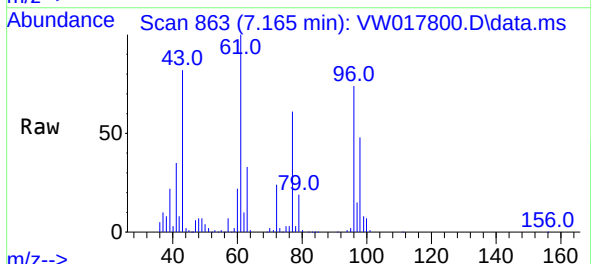
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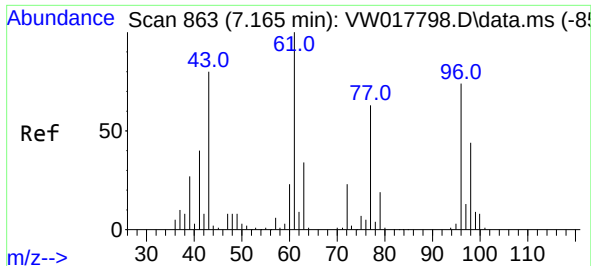
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#26  
2,2-Dichloropropane  
Concen: 131.84 ug/l  
RT: 7.165 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 77 Resp: 329025  
Ion Ratio Lower Upper  
77 100  
97 24.1 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 139.34 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW017800.D

Acq: 07 Jan 2021 14:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 370998 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 134.3 | 0.0   | 281.0  |
| 98       | 64.9  | 0.0   | 129.8  |

Instrument :

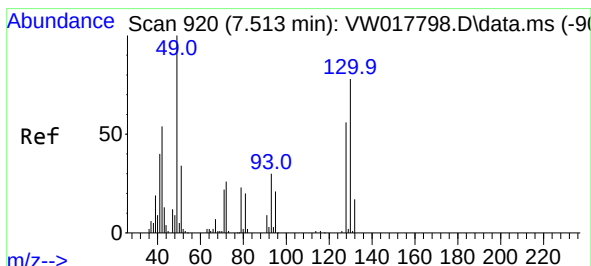
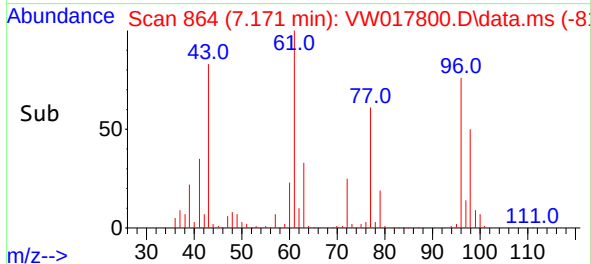
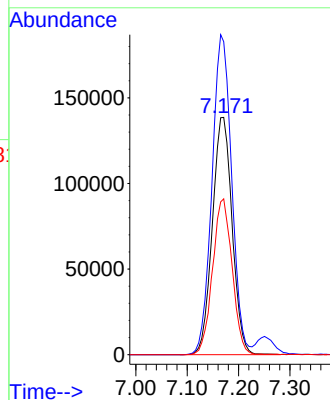
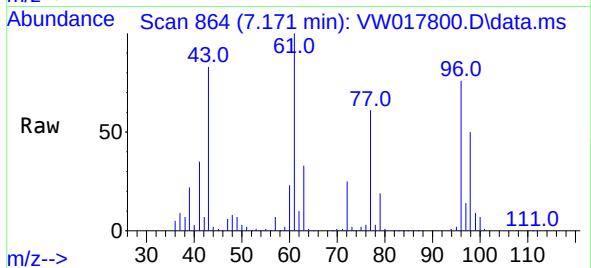
MSVOA\_W

ClientSampleId :

VSTDIC150

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#28

Bromochloromethane

Concen: 134.07 ug/l

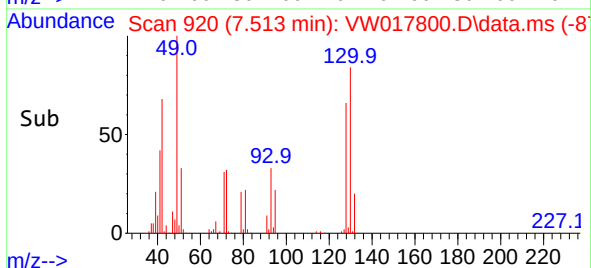
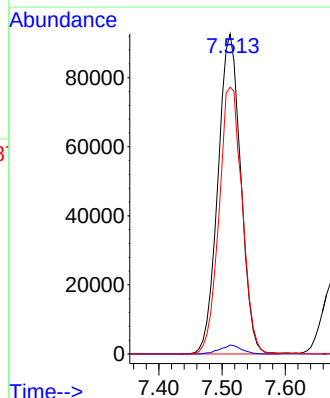
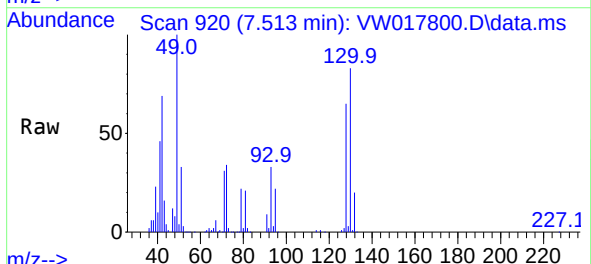
RT: 7.513 min Scan# 920

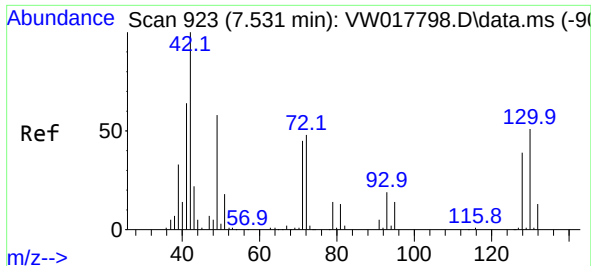
Delta R.T. -0.000 min

Lab File: VW017800.D

Acq: 07 Jan 2021 14:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 231622 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 2.6   | 0.0   | 4.8    |
| 130      | 84.5  | 61.1  | 91.7   |





#29  
Tetrahydrofuran  
Concen: 664.91 ug/l  
RT: 7.525 min Scan# 922  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

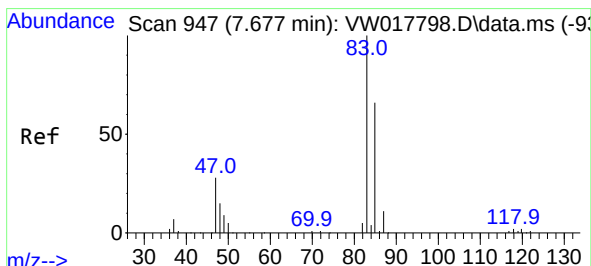
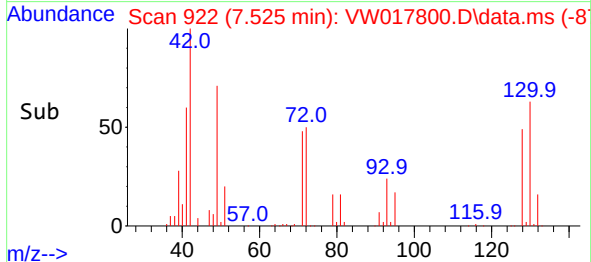
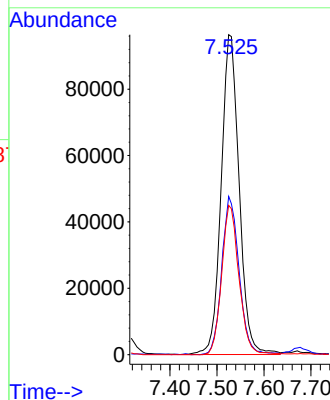
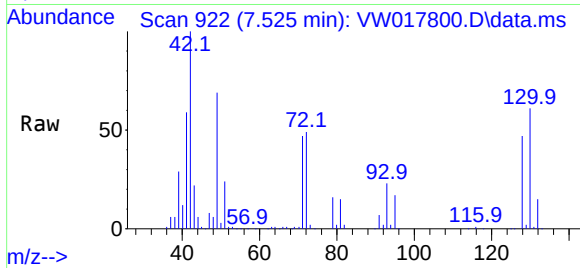
Tgt Ion: 42 Resp: 256362

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 47.9  | 37.7  | 56.5  |
| 71  | 45.1  | 34.1  | 51.1  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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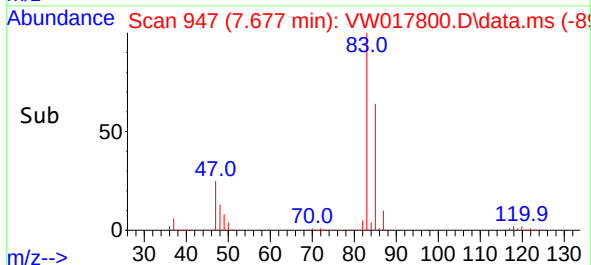
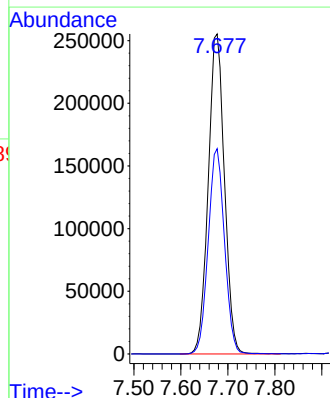
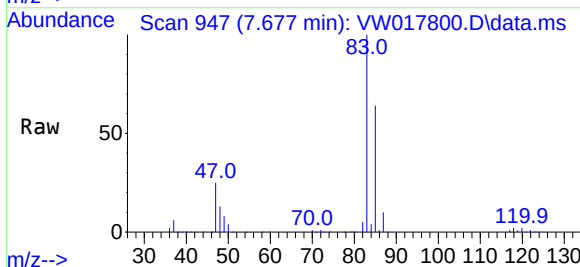
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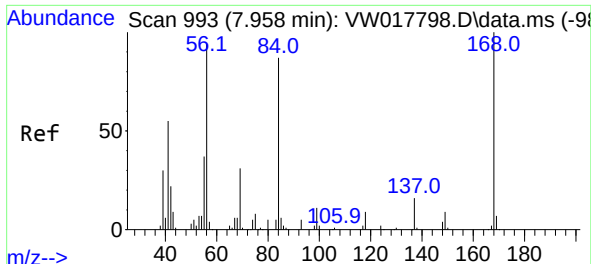


#30  
Chloroform  
Concen: 134.03 ug/l  
RT: 7.677 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

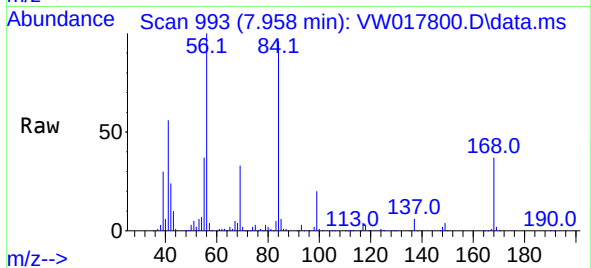
Tgt Ion: 83 Resp: 610970

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.2  | 52.8  | 79.2  |



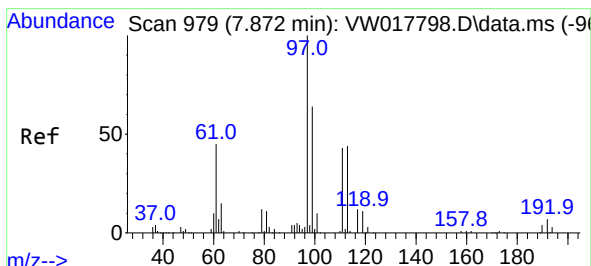
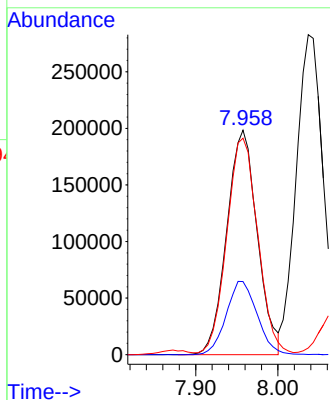
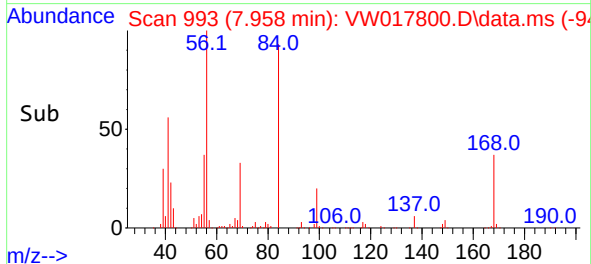


#31  
Cyclohexane  
Concen: 119.14 ug/l  
RT: 7.958 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

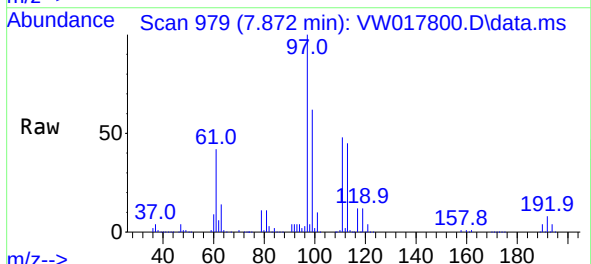


Tgt Ion: 56 Resp: 512672

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.6  | 26.7  | 40.1  |
| 84  | 94.8  | 73.6  | 110.4 |

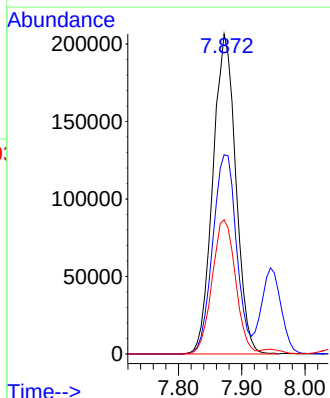
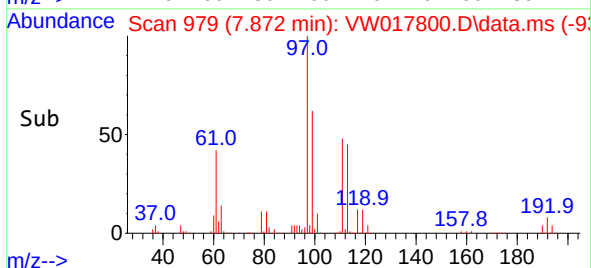


#32  
1,1,1-Trichloroethane  
Concen: 138.10 ug/l  
RT: 7.872 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



Tgt Ion: 97 Resp: 518123

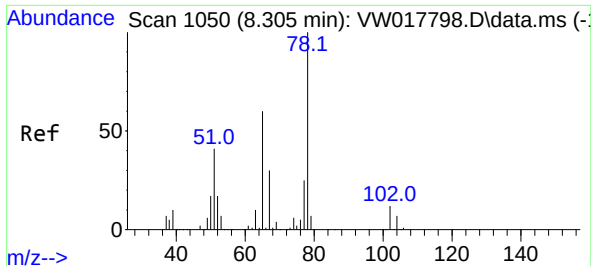
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.9  | 52.0  | 78.0  |
| 61  | 43.1  | 36.7  | 55.1  |



Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

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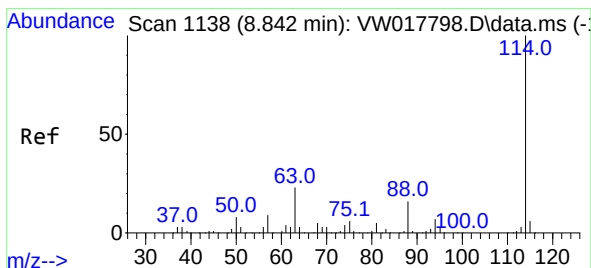
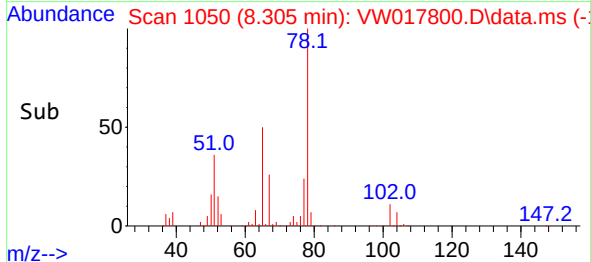
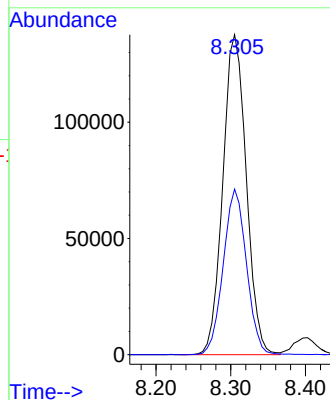
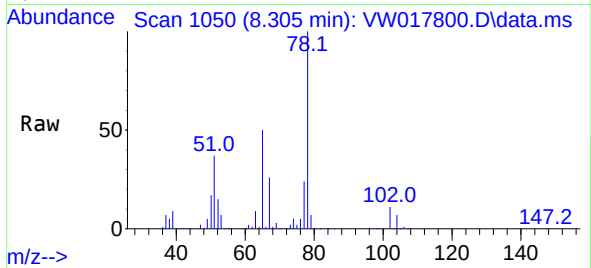
#33  
1,2-Dichloroethane-d4  
Concen: 119.69 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 65 Resp: 300611  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 101.8

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

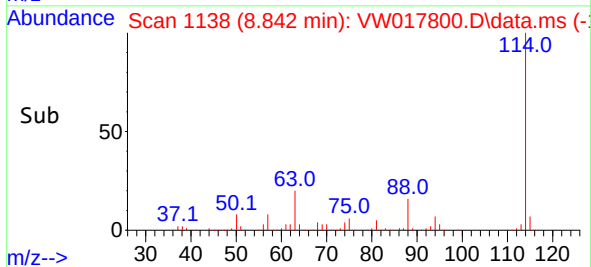
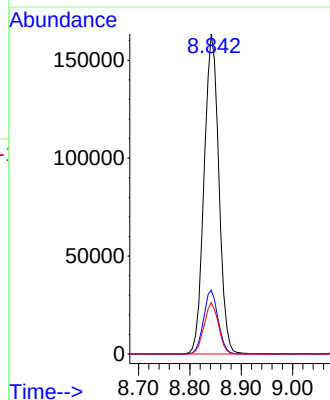
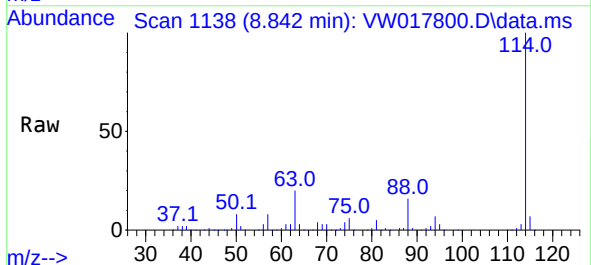
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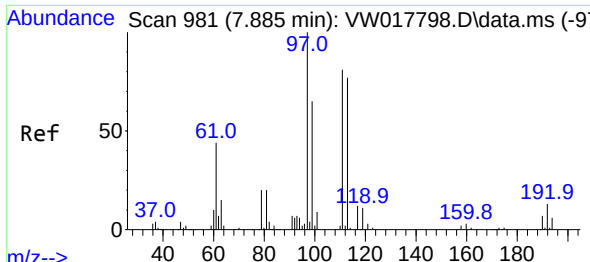
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

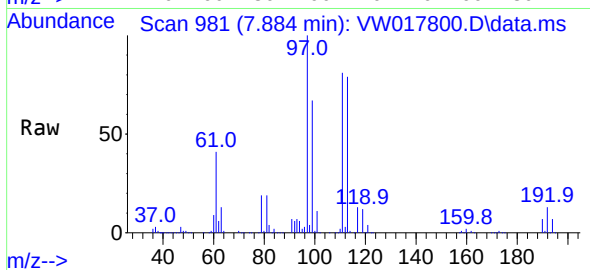
Tgt Ion: 114 Resp: 325659  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 45.0  
88 16.1 0.0 31.2





#35  
Dibromofluoromethane  
Concen: 136.60 ug/l  
RT: 7.884 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

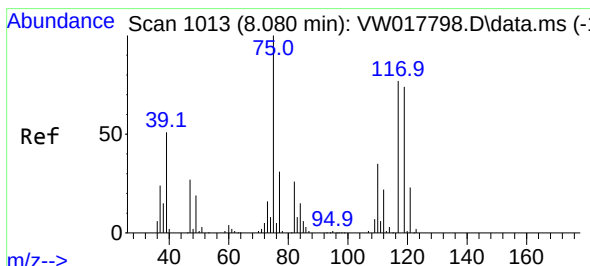
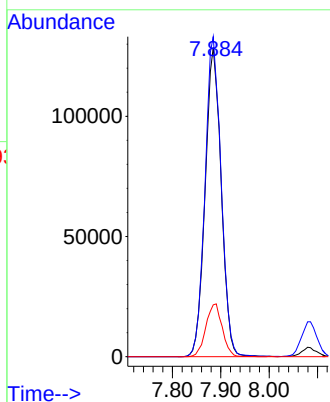
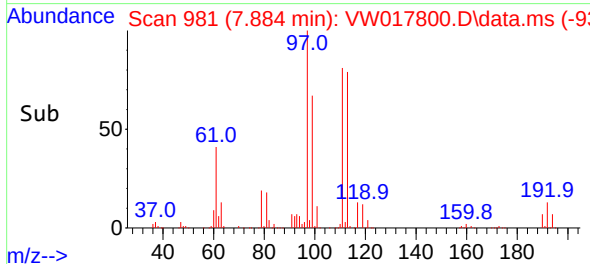
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150



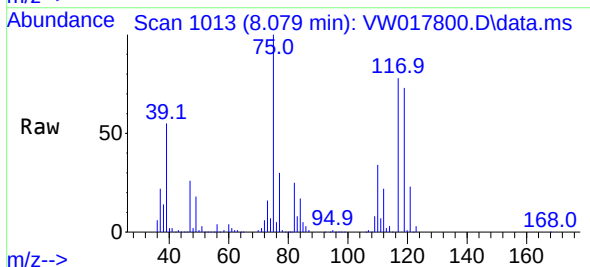
Tgt Ion:113 Resp: 296308  
Ion Ratio Lower Upper  
113 100  
111 103.8 81.4 122.2  
192 17.4 13.9 20.9

Manual Integrations  
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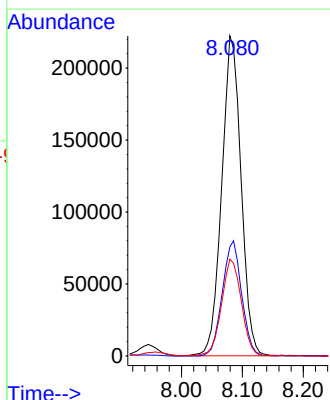
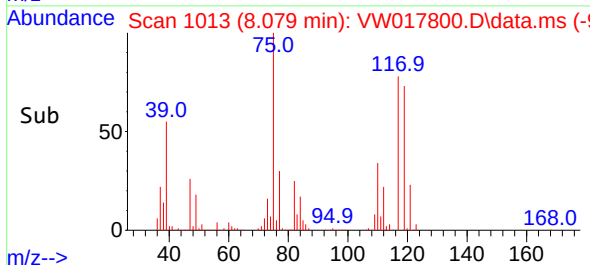
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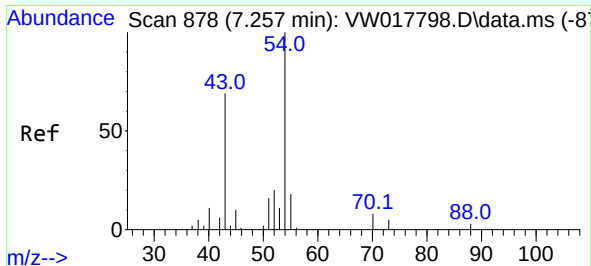


#36  
1,1-Dichloropropene  
Concen: 136.37 ug/l  
RT: 8.079 min Scan# 1013  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

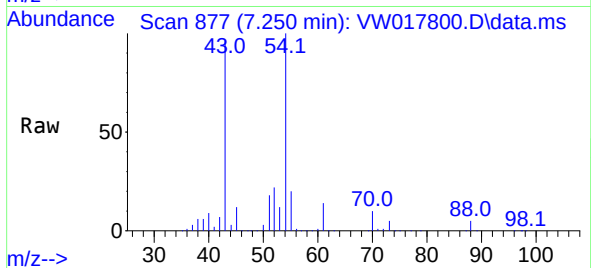


Tgt Ion: 75 Resp: 489891  
Ion Ratio Lower Upper  
75 100  
110 36.0 17.0 50.9  
77 30.9 24.6 37.0

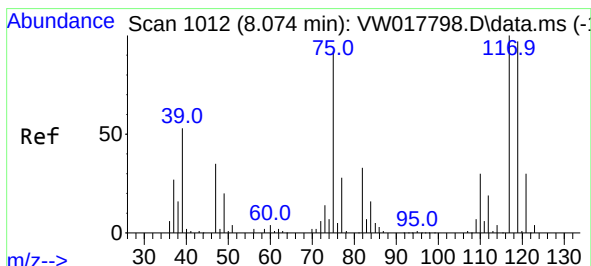
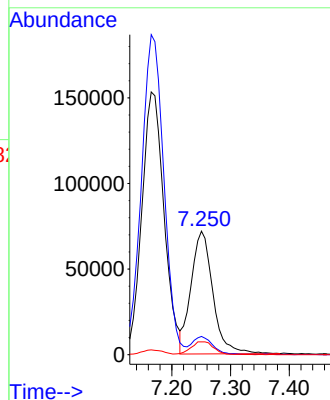
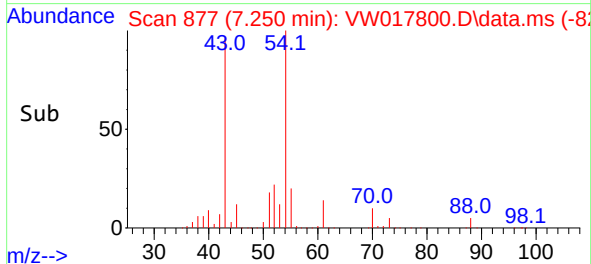




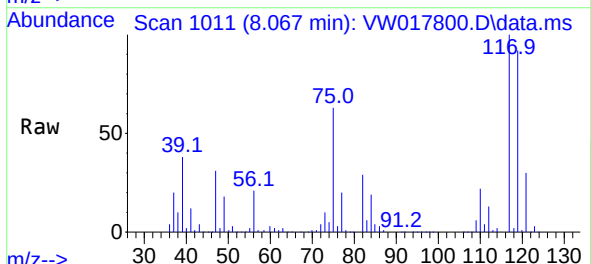
#37  
Ethyl Acetate  
Concen: 134.44 ug/l  
RT: 7.250 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



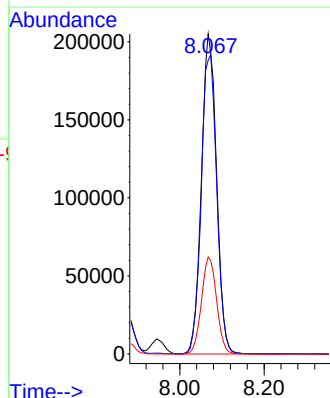
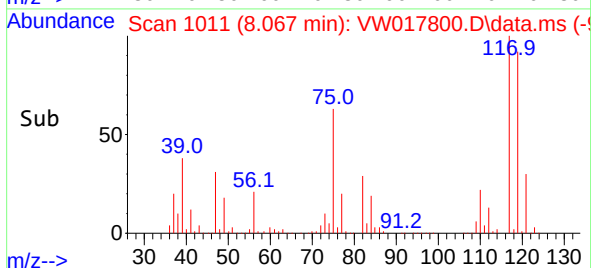
Tgt Ion: 43 Resp: 185020  
Ion Ratio Lower Upper  
43 100  
61 13.5 9.7 14.5  
70 11.1 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 153.19 ug/l  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



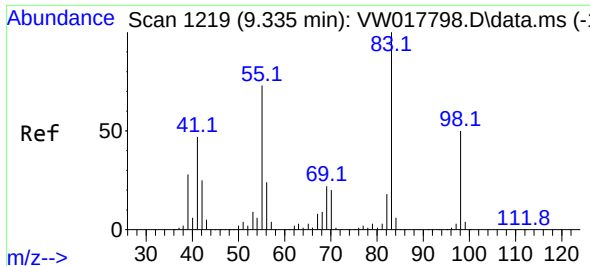
Tgt Ion: 117 Resp: 512999  
Ion Ratio Lower Upper  
117 100  
119 91.8 77.9 116.9  
121 30.4 24.2 36.4



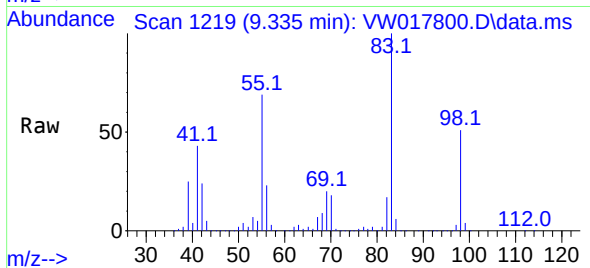
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

Manual Integrations  
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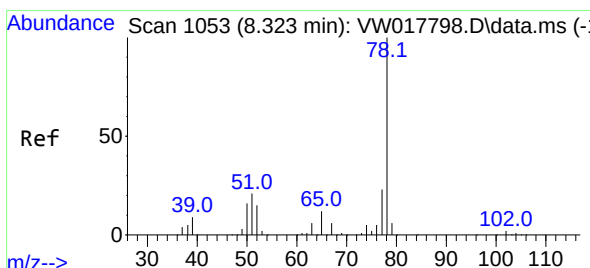
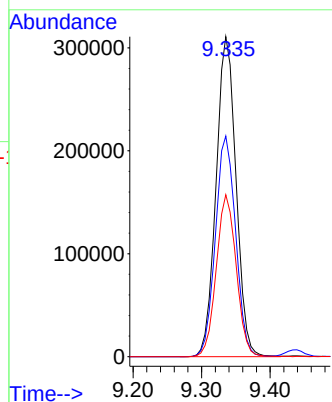
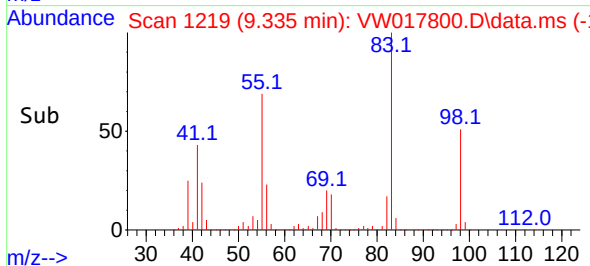
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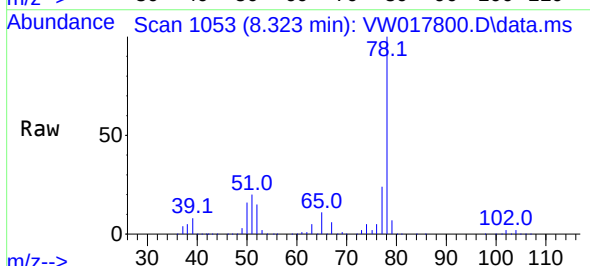
#39  
Methylcyclohexane  
Concen: 144.41 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



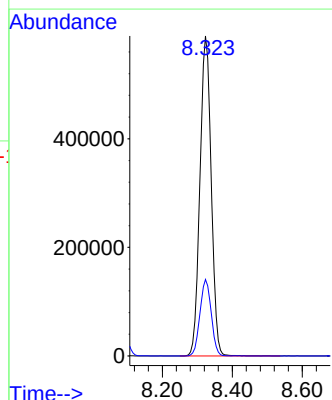
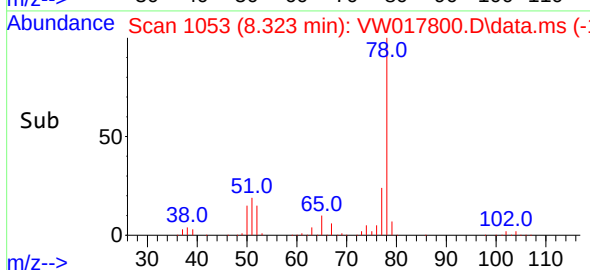
Tgt Ion: 83 Resp: 626654  
Ion Ratio Lower Upper  
83 100  
55 69.0 58.4 87.6  
98 50.6 40.0 60.0



#40  
Benzene  
Concen: 138.99 ug/l  
RT: 8.323 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



Tgt Ion: 78 Resp: 1314982  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.7 28.1

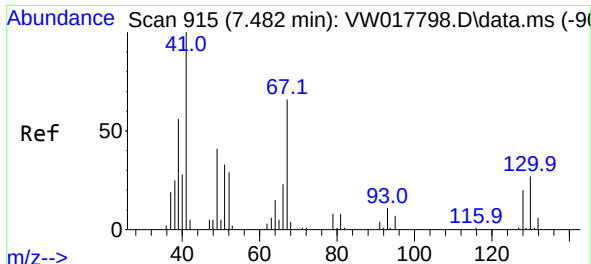


Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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#41  
Methacrylonitrile  
Concen: 135.62 ug/l  
RT: 7.482 min Scan# 915  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

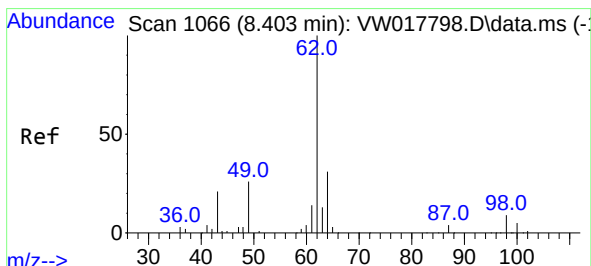
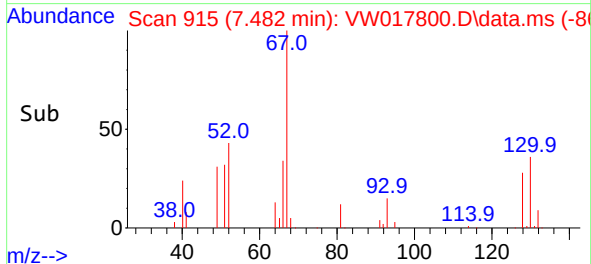
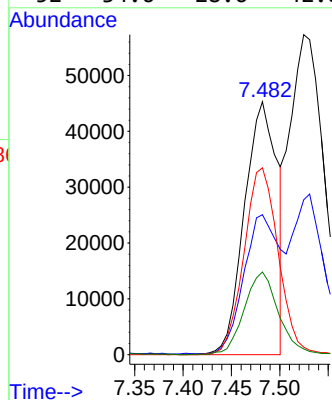
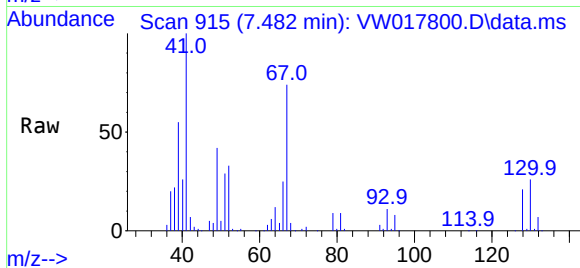
Tgt Ion: 41 Resp: 106835

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 62.7  | 47.8  | 71.6  |
| 67  | 77.4  | 64.2  | 96.2  |
| 52  | 34.6  | 28.6  | 42.8  |

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

Manual Integrations  
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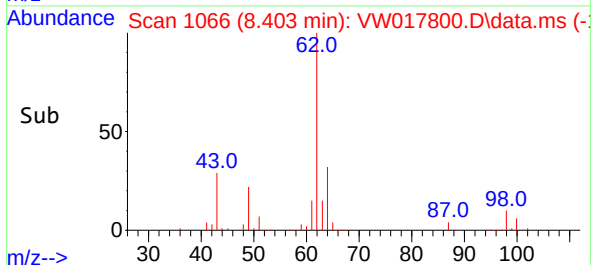
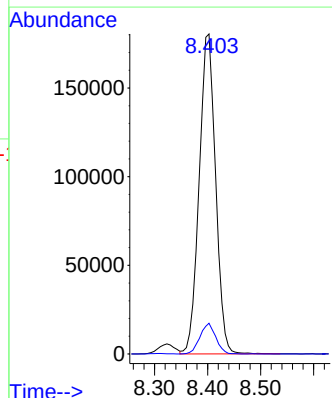
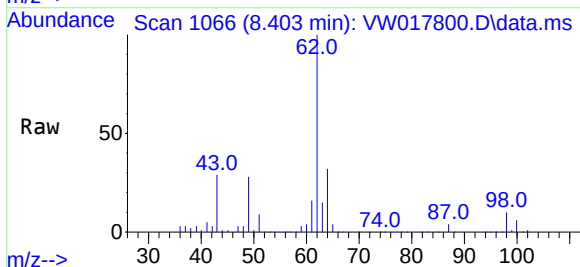
MMDadoda  
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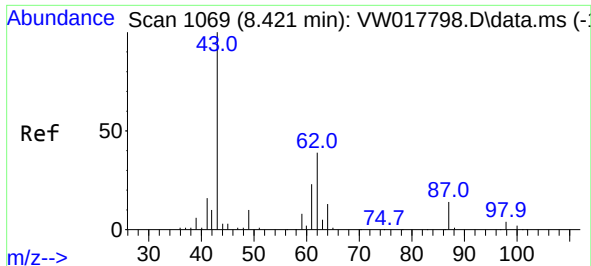


#42  
1,2-Dichloroethane  
Concen: 130.18 ug/l  
RT: 8.403 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

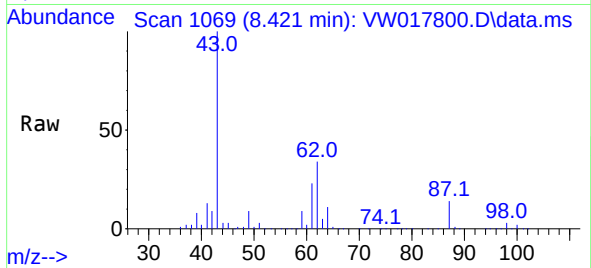
Tgt Ion: 62 Resp: 388192

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.2   | 0.0   | 17.8  |

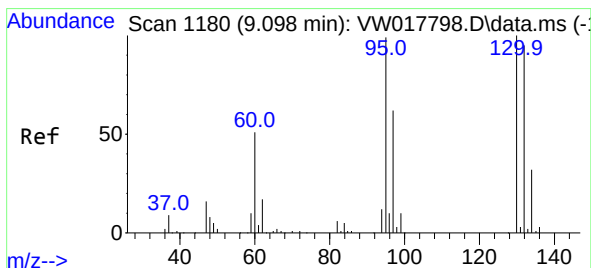
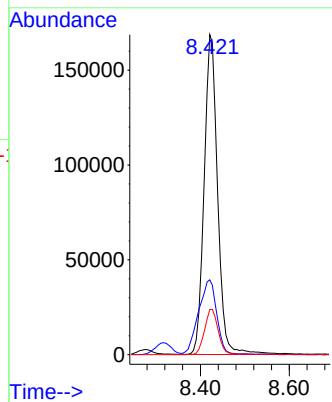
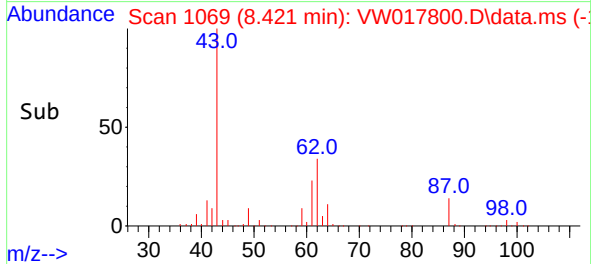




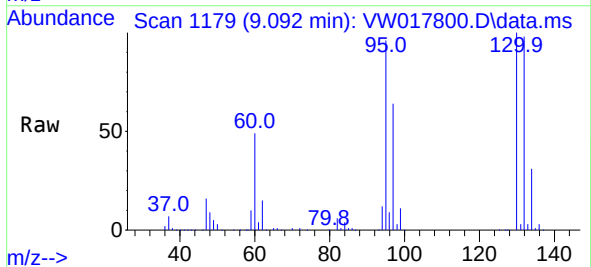
#43  
Isopropyl Acetate  
Concen: 147.38 ug/l  
RT: 8.421 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



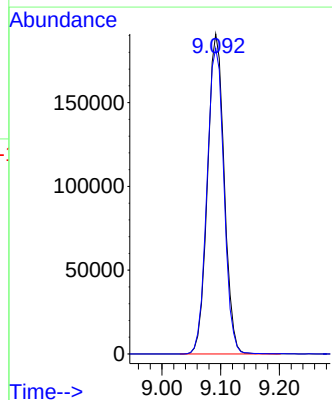
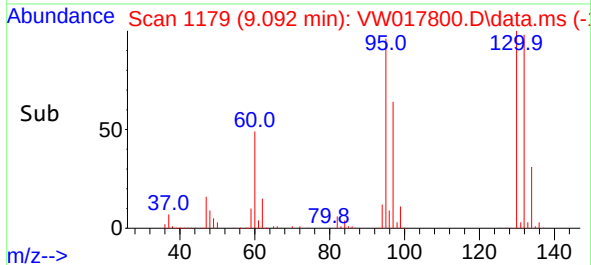
Tgt Ion: 43 Resp: 356599  
Ion Ratio Lower Upper  
43 100  
61 30.8 25.5 38.3  
87 14.3 11.0 16.4



#44  
Trichloroethene  
Concen: 146.47 ug/l  
RT: 9.092 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



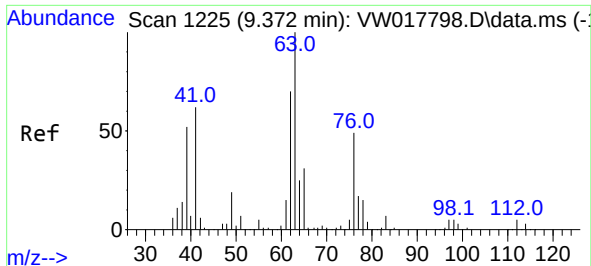
Tgt Ion: 130 Resp: 376656  
Ion Ratio Lower Upper  
130 100  
95 95.5 0.0 198.8



Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

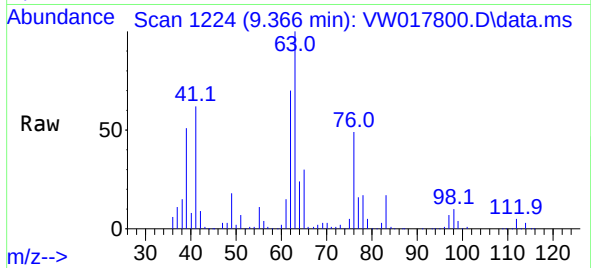
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#45  
1,2-Dichloropropane  
Concen: 137.90 ug/l  
RT: 9.366 min Scan# 1224  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

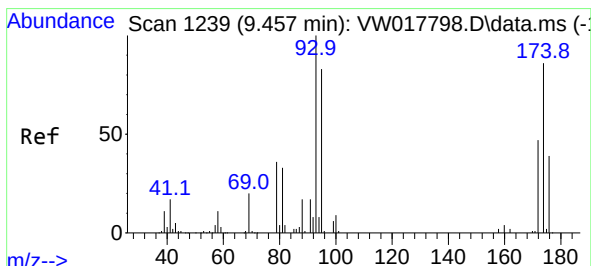
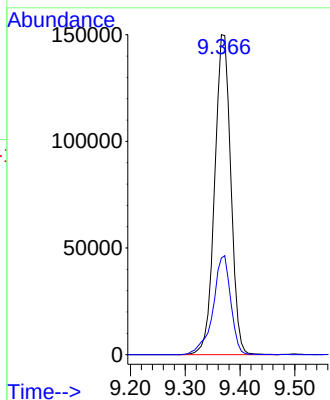
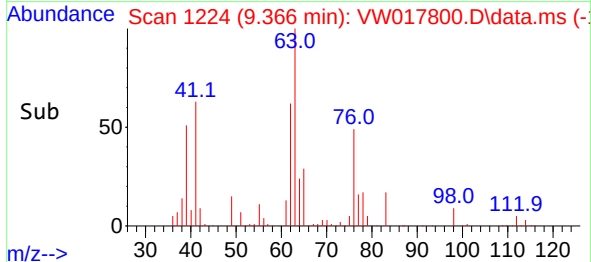
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150



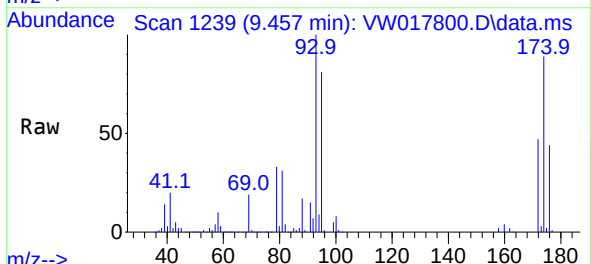
Tgt Ion: 63 Resp: 307117  
Ion Ratio Lower Upper  
63 100  
65 30.2 25.2 37.8

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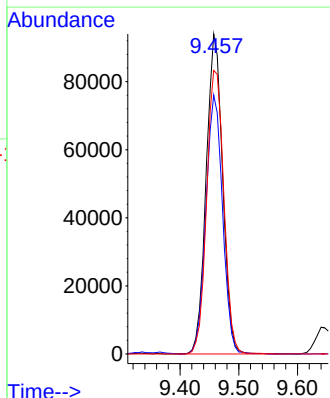
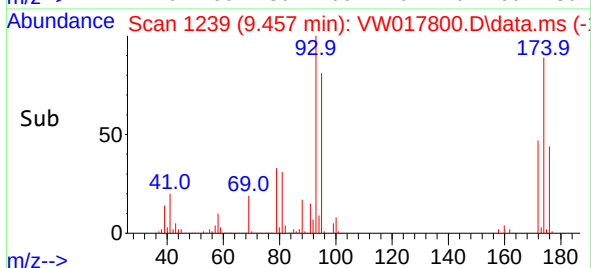
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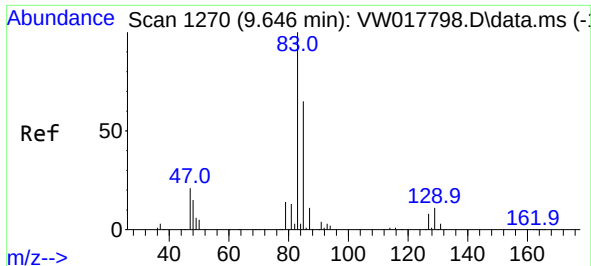


#46  
Dibromomethane  
Concen: 138.00 ug/l  
RT: 9.457 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

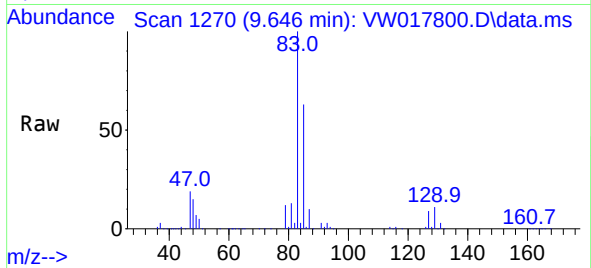


Tgt Ion: 93 Resp: 182844  
Ion Ratio Lower Upper  
93 100  
95 82.0 65.3 97.9  
174 92.5 68.6 103.0



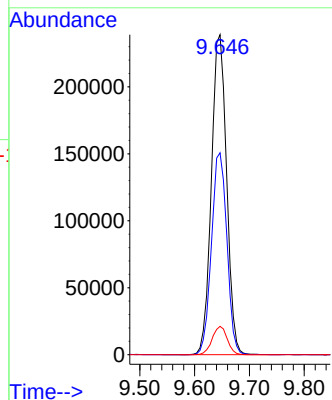


#47  
Bromodichloromethane  
Concen: 142.94 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



Tgt Ion: 83 Resp: 459453

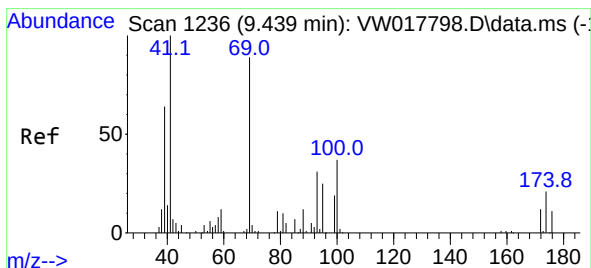
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.1  | 52.3  | 78.5  |
| 127 | 8.9   | 6.6   | 10.0  |



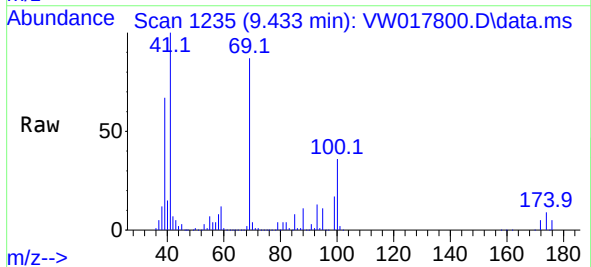
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

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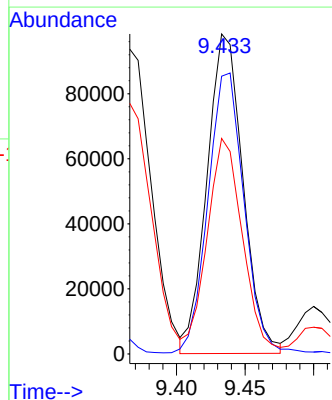
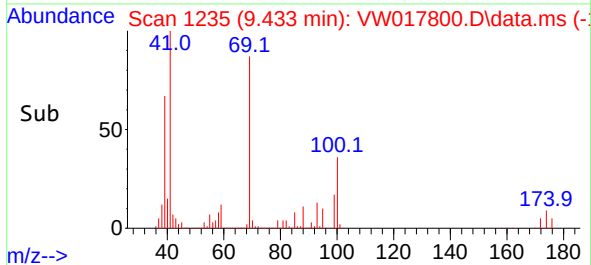


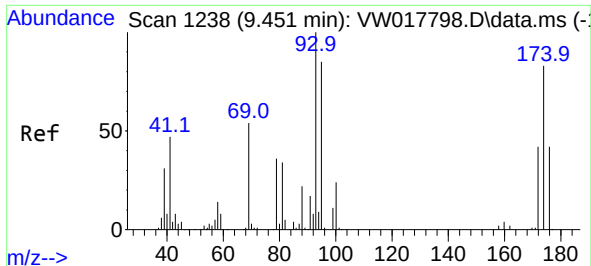
#48  
Methyl methacrylate  
Concen: 142.68 ug/l  
RT: 9.433 min Scan# 1235  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



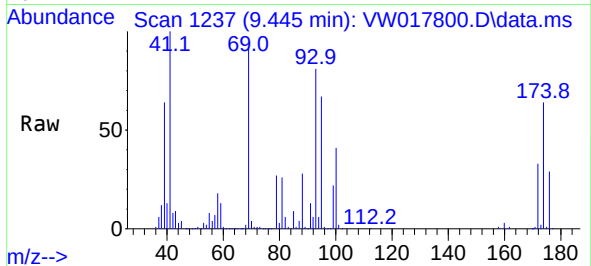
Tgt Ion: 41 Resp: 179444

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 89.1  | 70.5  | 105.7 |
| 39  | 61.8  | 50.2  | 75.2  |

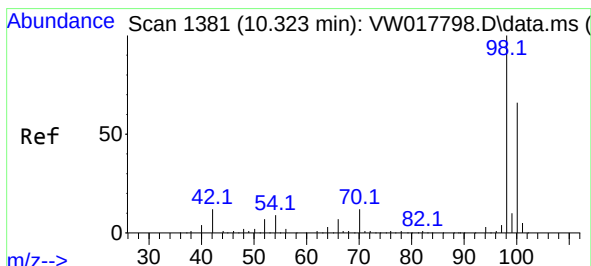
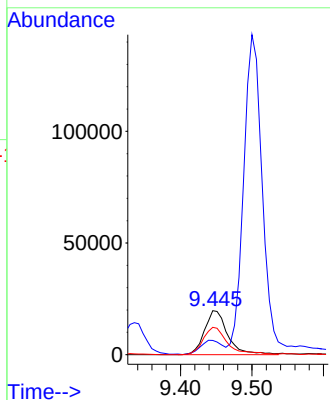
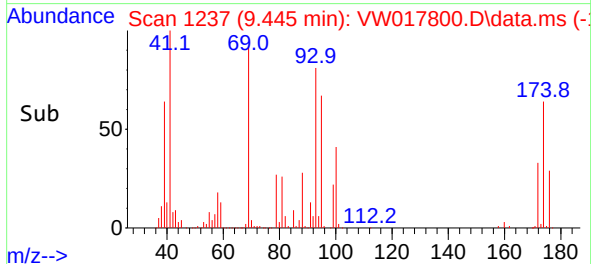




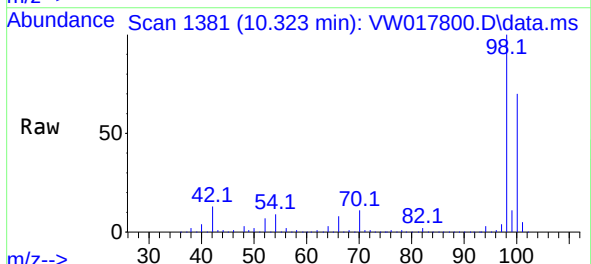
#49  
1,4-Dioxane  
Concen: 2872.25 ug/l  
RT: 9.445 min Scan# 1237  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



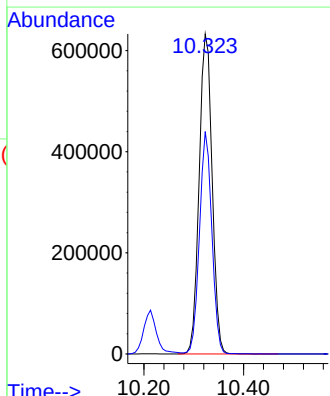
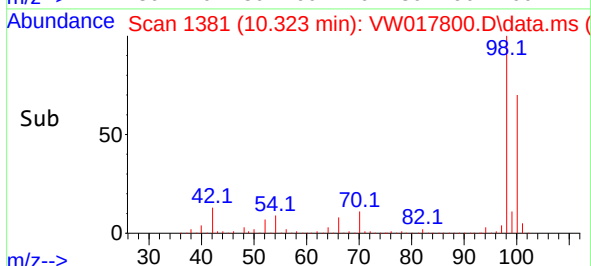
Tgt Ion: 88 Resp: 44531  
Ion Ratio Lower Upper  
88 100  
43 29.8 24.3 36.5  
58 65.6 57.0 85.4



#50  
Toluene-d8  
Concen: 135.46 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



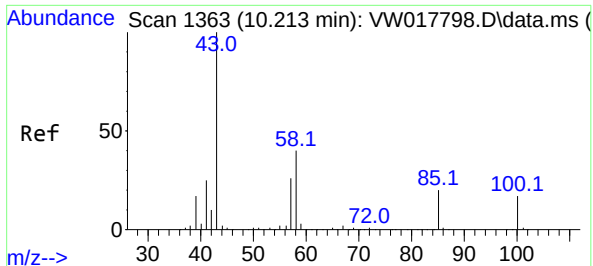
Tgt Ion: 98 Resp: 1140519  
Ion Ratio Lower Upper  
98 100  
100 66.5 52.6 78.8



Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

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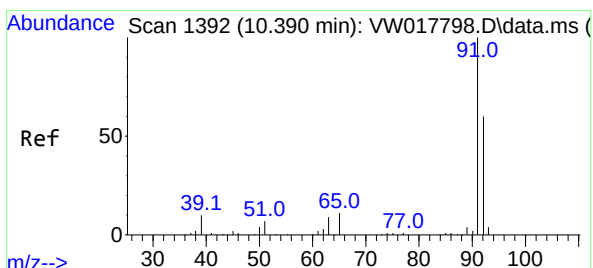
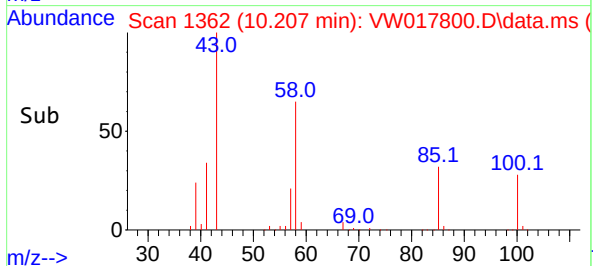
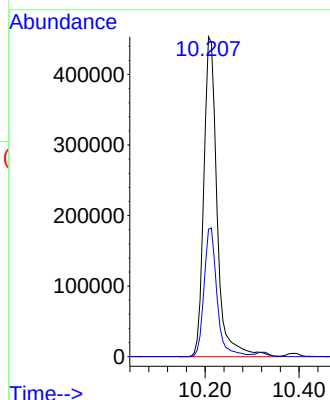
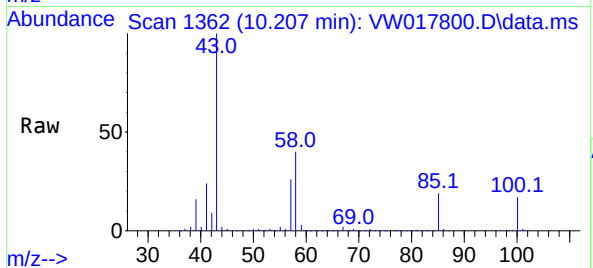
#51  
4-Methyl-2-Pentanone  
Concen: 710.74 ug/l  
RT: 10.207 min Scan# 1362  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 43 Resp: 889160  
Ion Ratio Lower Upper  
43 100  
58 39.3 30.7 46.1

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

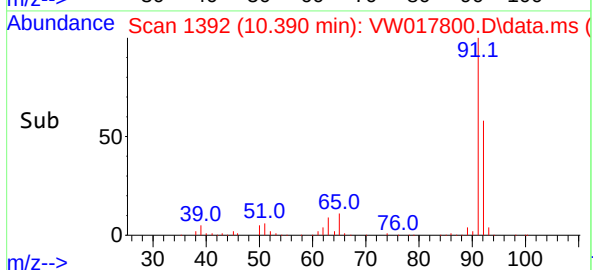
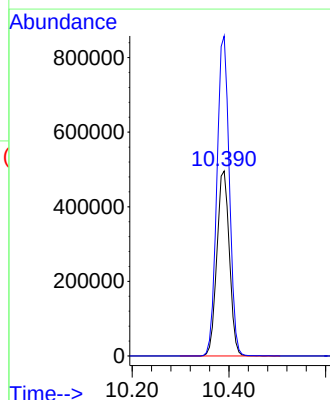
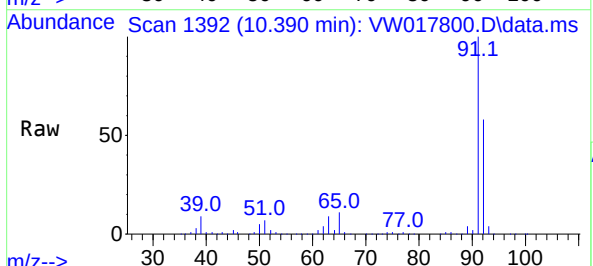
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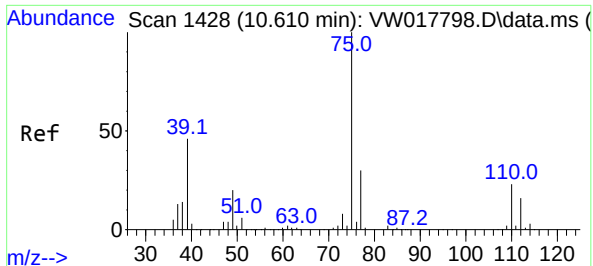
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#52  
Toluene  
Concen: 142.89 ug/l  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 92 Resp: 886745  
Ion Ratio Lower Upper  
92 100  
91 172.0 136.2 204.4





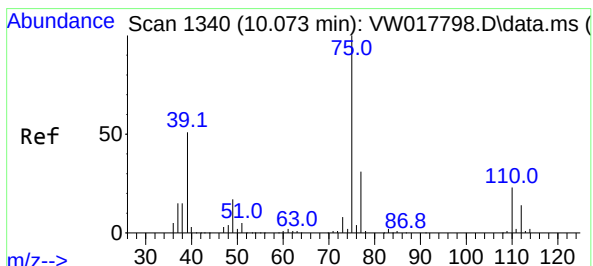
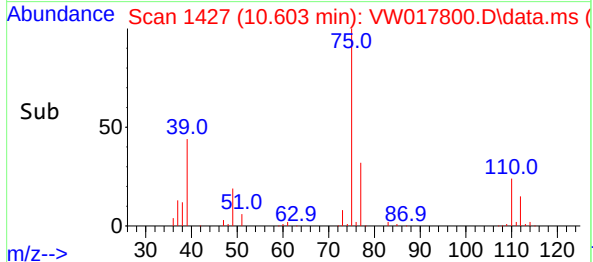
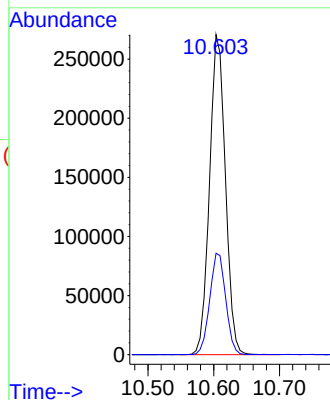
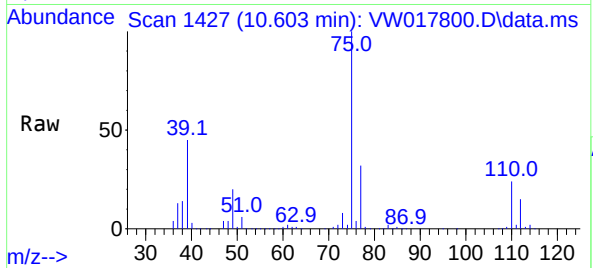
#53  
t-1,3-Dichloropropene  
Concen: 160.78 ug/l  
RT: 10.603 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 75 Resp: 454307  
Ion Ratio Lower Upper  
75 100  
77 31.7 23.8 35.8

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

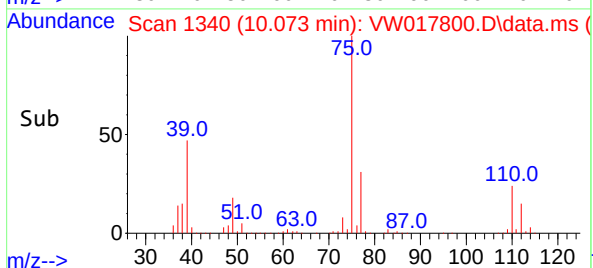
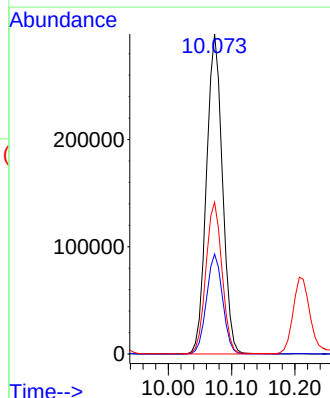
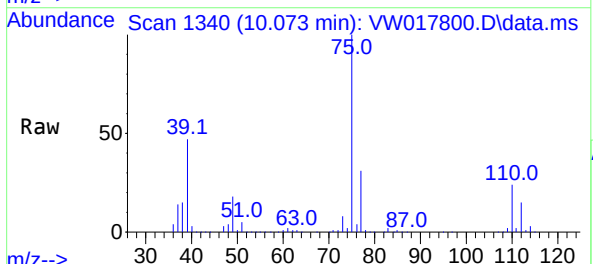
Manual Integrations  
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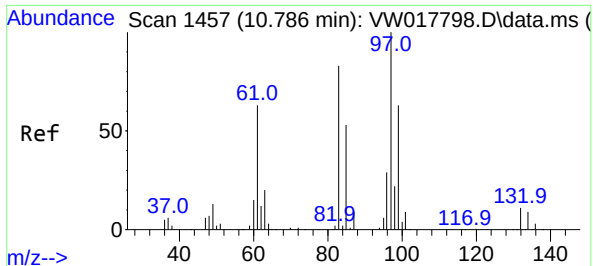
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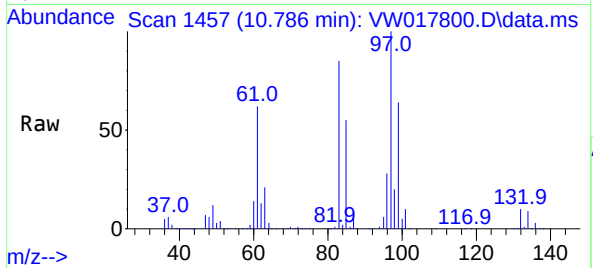
#54  
cis-1,3-Dichloropropene  
Concen: 152.38 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 75 Resp: 524369  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.5 36.7  
39 47.3 40.6 61.0



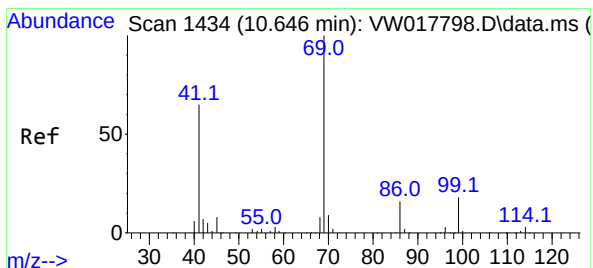
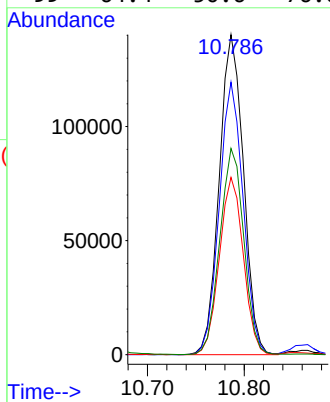
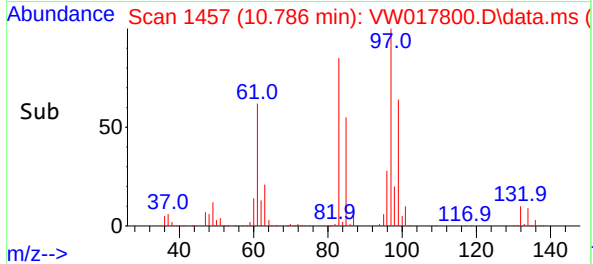


#55  
1,1,2-Trichloroethane  
Concen: 136.75 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

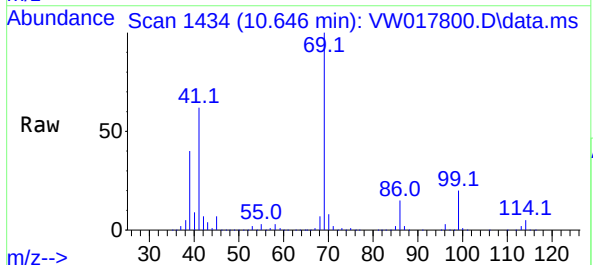


Tgt Ion: 97 Resp: 244384

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.2  | 66.6  | 100.0 |
| 85  | 55.3  | 42.6  | 63.8  |
| 99  | 64.4  | 50.6  | 76.0  |

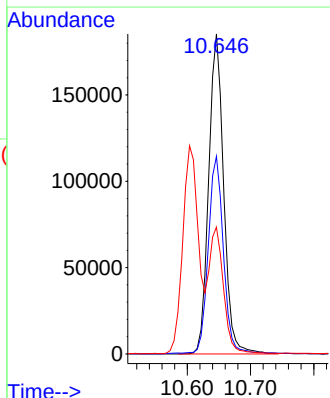
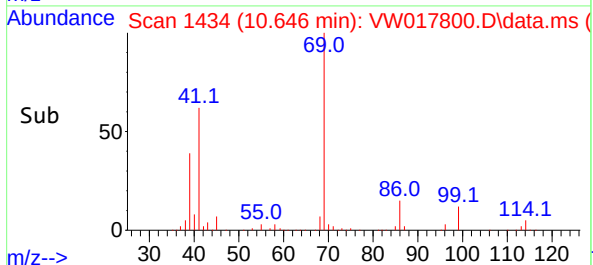


#56  
Ethyl methacrylate  
Concen: 154.69 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



Tgt Ion: 69 Resp: 305931

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 62.8  | 51.1  | 76.7  |
| 39  | 37.3  | 31.8  | 47.8  |

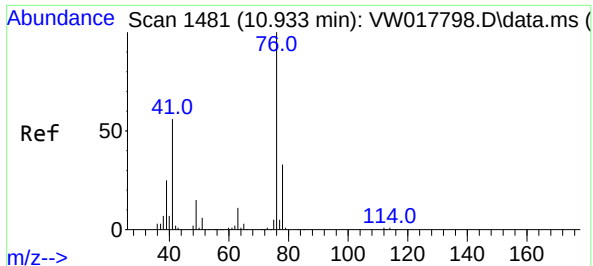


Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

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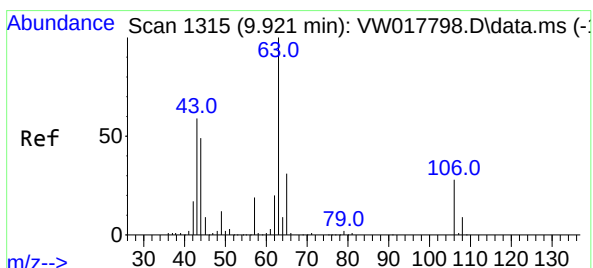
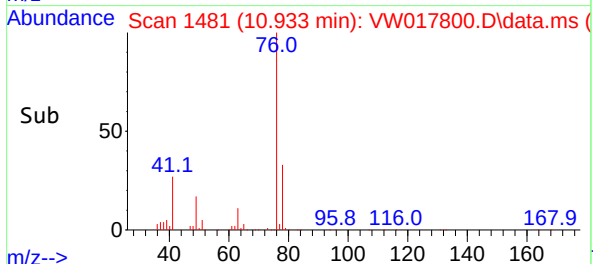
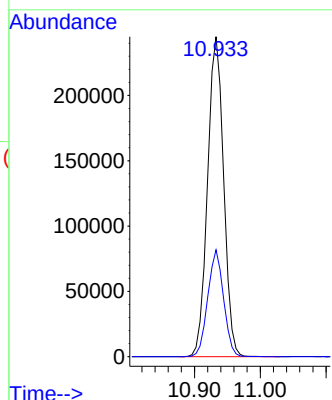
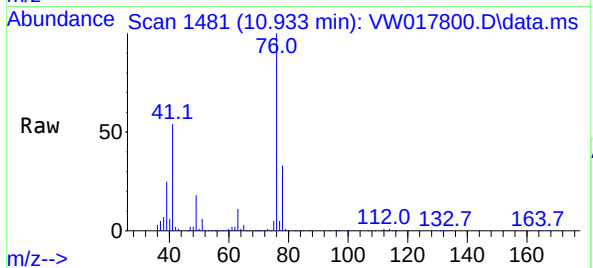
#57  
1,3-Dichloropropane  
Concen: 134.71 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 76 Resp: 416485  
Ion Ratio Lower Upper  
76 100  
78 32.8 26.2 39.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

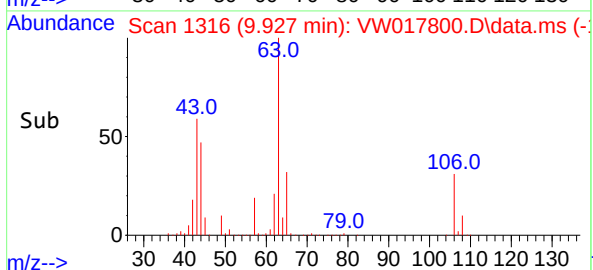
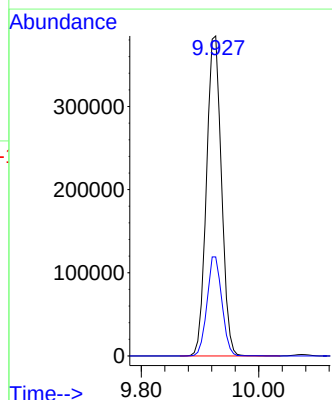
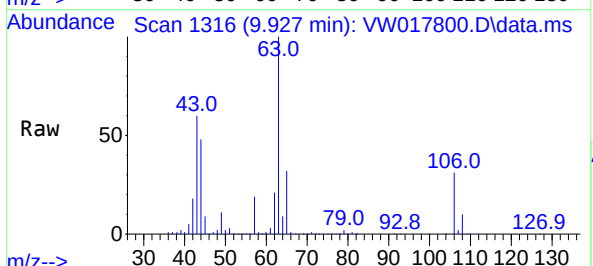
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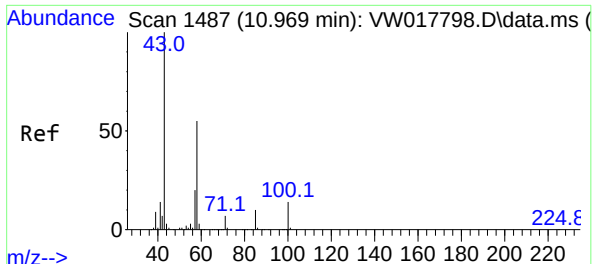
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#58  
2-Chloroethyl Vinyl ether  
Concen: 676.32 ug/l  
RT: 9.927 min Scan# 1316  
Delta R.T. 0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

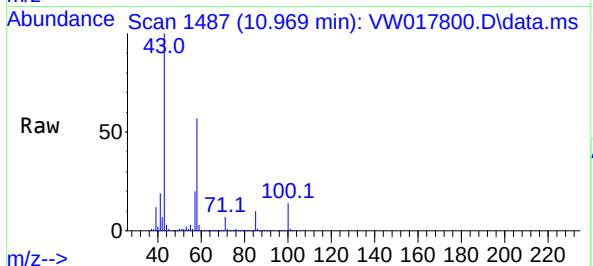
Tgt Ion: 63 Resp: 680020  
Ion Ratio Lower Upper  
63 100  
106 30.7 23.5 35.3



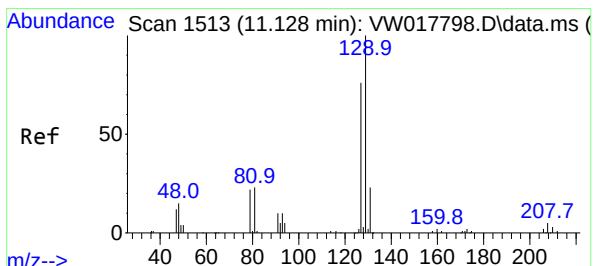
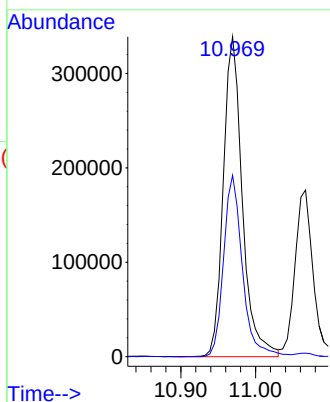
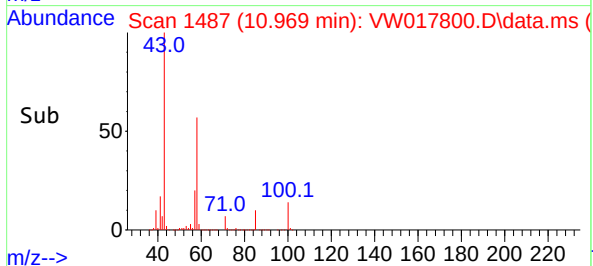


#59  
2-Hexanone  
Concen: 731.62 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

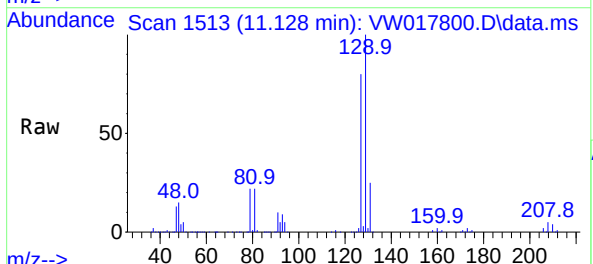
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150



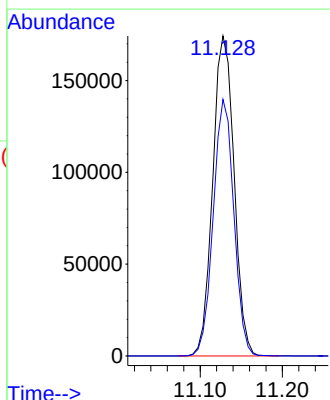
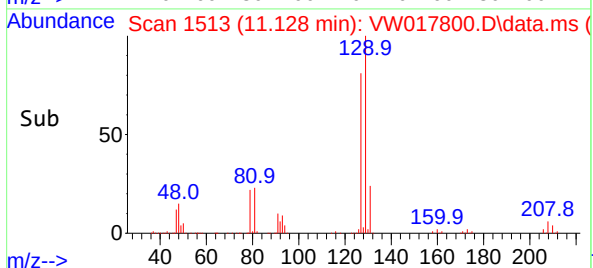
Tgt Ion: 43 Resp: 601154  
Ion Ratio Lower Upper  
43 100  
58 56.1 27.4 82.2

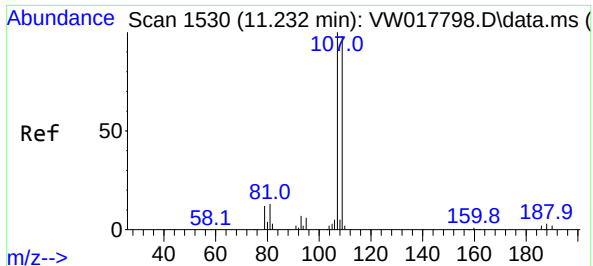


#60  
Dibromochloromethane  
Concen: 159.16 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



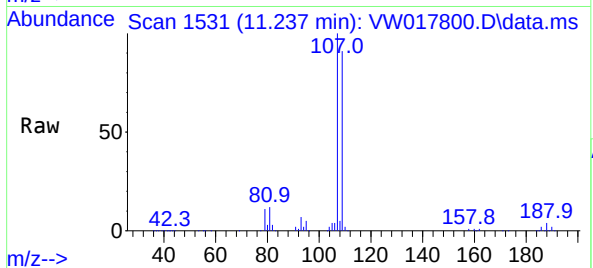
Tgt Ion: 129 Resp: 314561  
Ion Ratio Lower Upper  
129 100  
127 77.4 37.6 112.9





#61  
1,2-Dibromoethane  
Concen: 144.69 ug/l  
RT: 11.237 min Scan# 1531  
Delta R.T. 0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

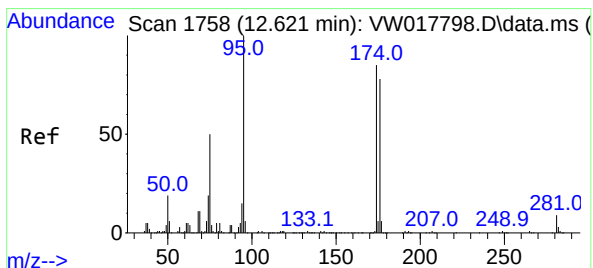
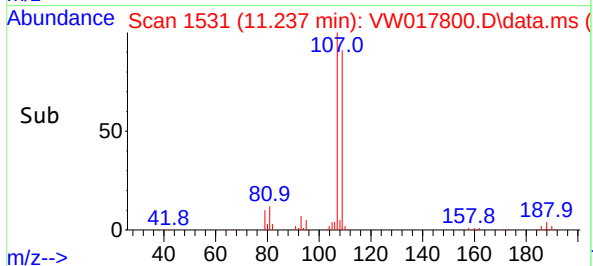
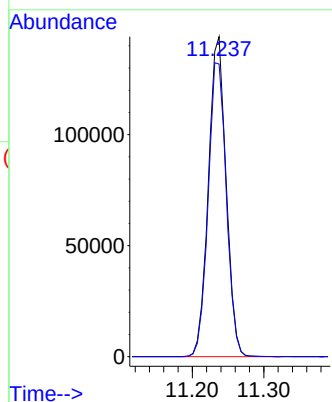
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150



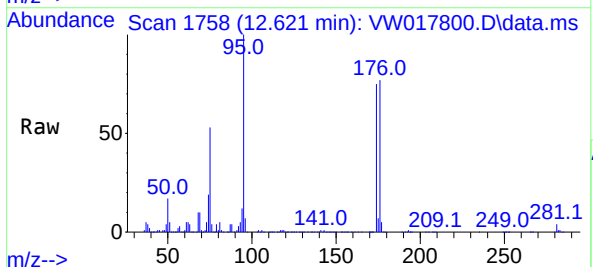
Tgt Ion:107 Resp: 247674  
Ion Ratio Lower Upper  
107 100  
109 94.2 77.5 116.3

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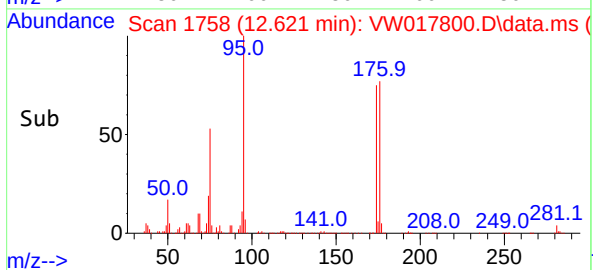
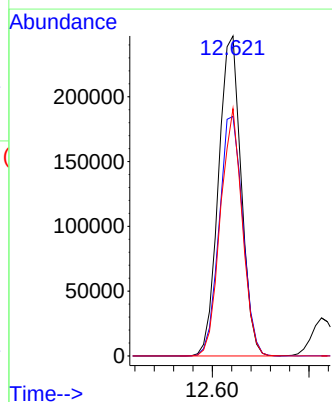
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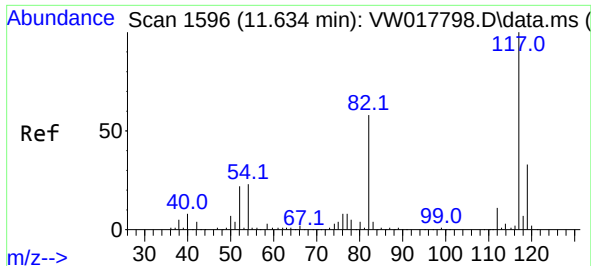


#62  
4-Bromofluorobenzene  
Concen: 132.51 ug/l  
RT: 12.621 min Scan# 1758  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

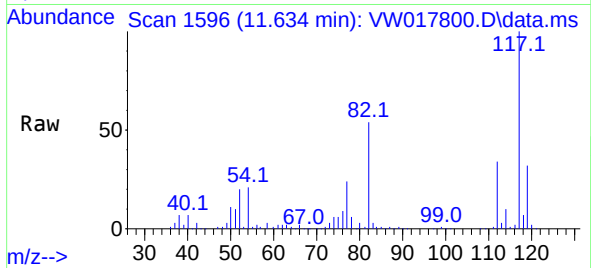


Tgt Ion: 95 Resp: 401513  
Ion Ratio Lower Upper  
95 100  
174 78.0 0.0 159.4  
176 74.2 0.0 150.0

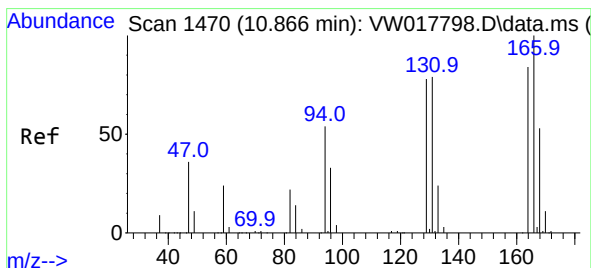
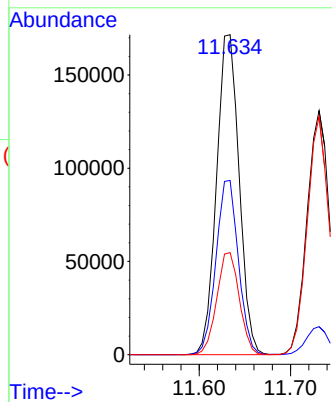
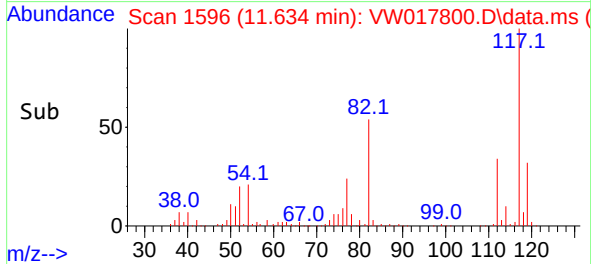




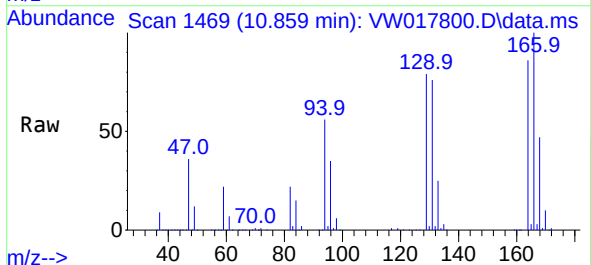
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



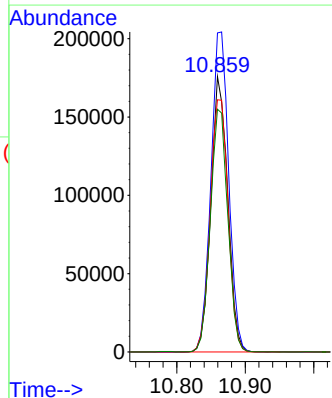
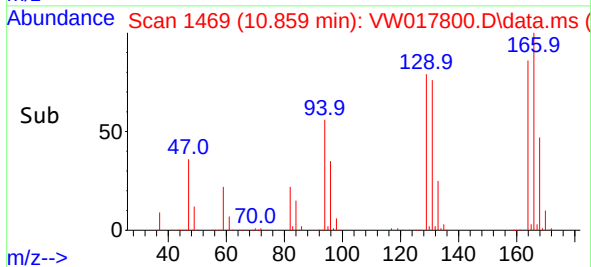
Tgt Ion:117 Resp: 295470  
Ion Ratio Lower Upper  
117 100  
82 54.4 46.4 69.6  
119 31.9 26.6 40.0



#64  
Tetrachloroethene  
Concen: 144.89 ug/l  
RT: 10.859 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
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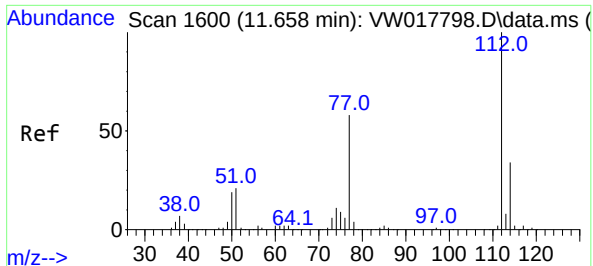
Tgt Ion:164 Resp: 300234  
Ion Ratio Lower Upper  
164 100  
166 115.9 95.8 143.6  
129 91.6 74.5 111.7  
131 88.2 75.8 113.6



Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

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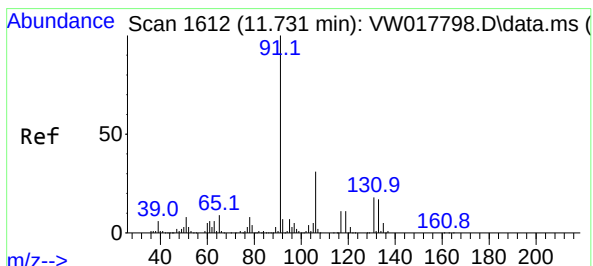
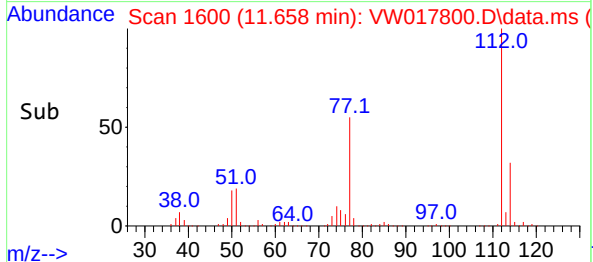
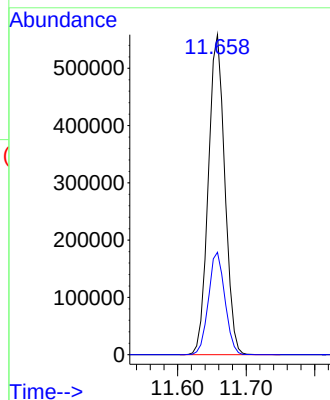
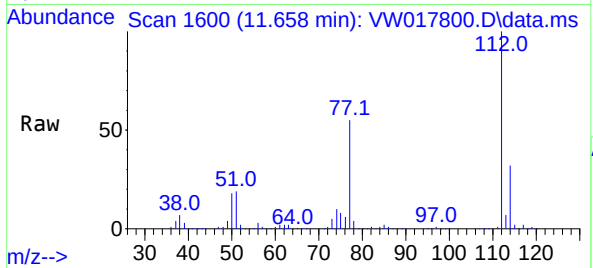
#65  
Chlorobenzene  
Concen: 141.17 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
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Tgt Ion:112 Resp: 932485  
Ion Ratio Lower Upper  
112 100  
114 32.0 26.9 40.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

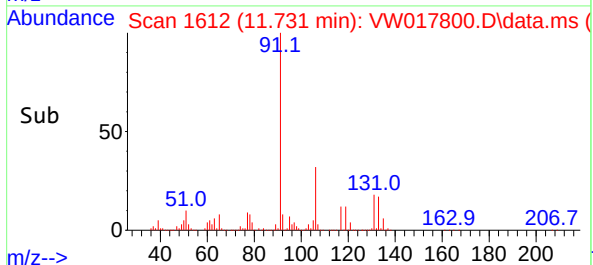
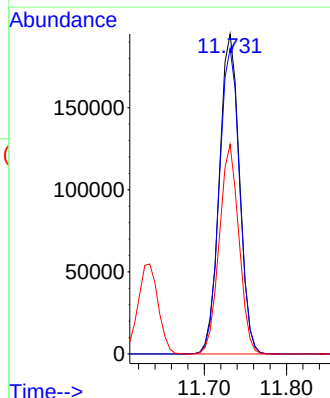
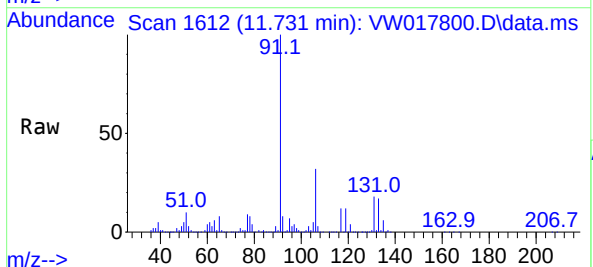
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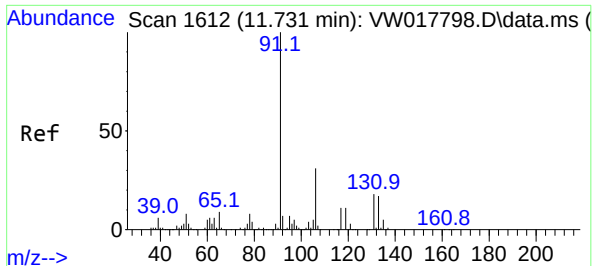
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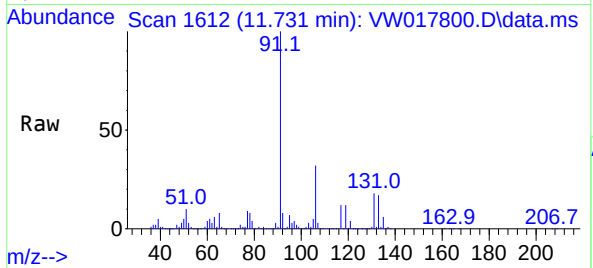
#66  
1,1,1,2-Tetrachloroethane  
Concen: 153.48 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion:131 Resp: 331300  
Ion Ratio Lower Upper  
131 100  
133 96.4 46.9 140.6  
119 63.9 32.1 96.5

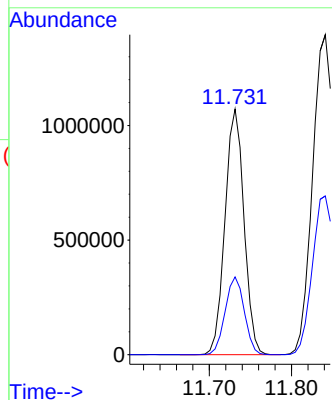




#67  
Ethyl Benzene  
Concen: 142.61 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



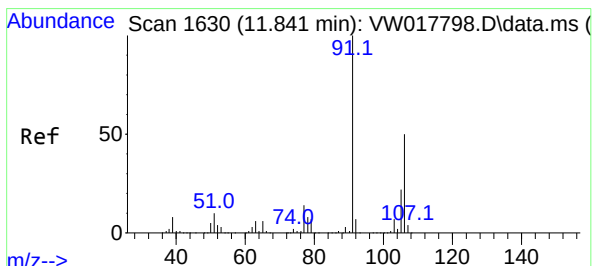
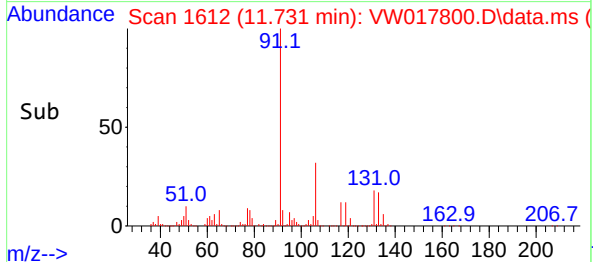
Tgt Ion: 91 Resp: 1723028  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.0 37.4



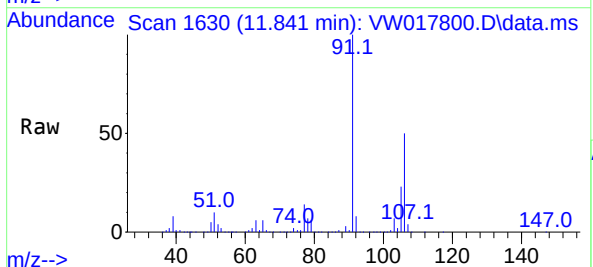
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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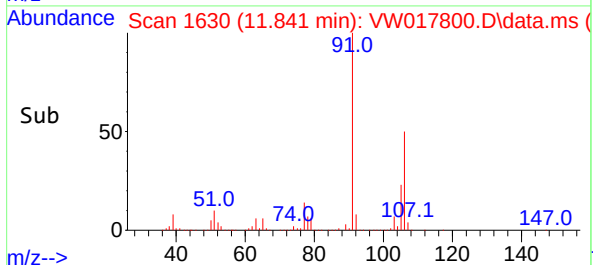
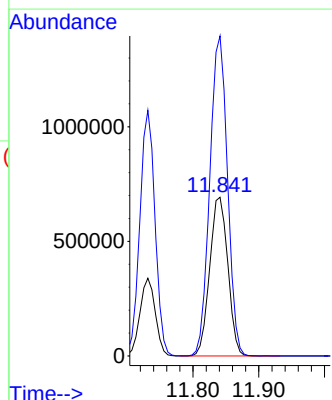
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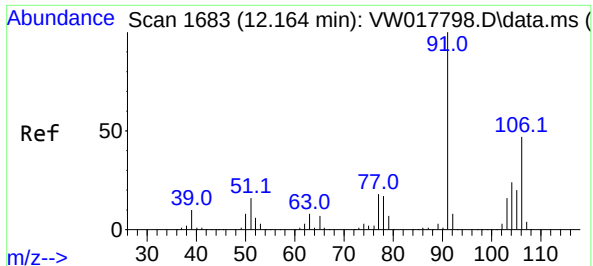


#68  
m/p-Xylenes  
Concen: 290.74 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



Tgt Ion:106 Resp: 1326592  
Ion Ratio Lower Upper  
106 100  
91 196.7 160.4 240.6





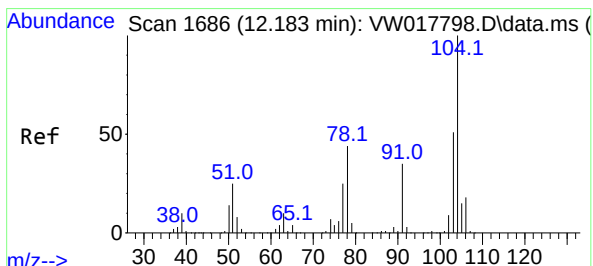
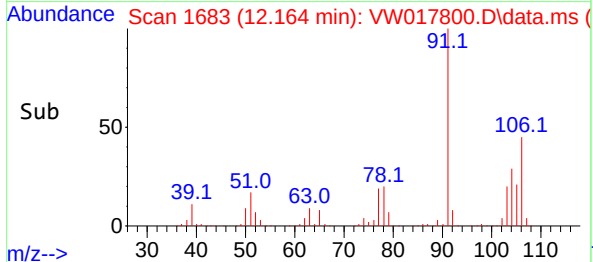
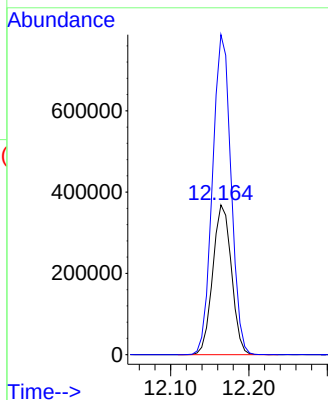
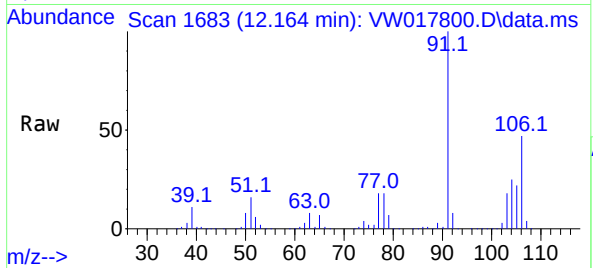
#69  
o-Xylene  
Concen: 146.13 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion:106 Resp: 611710  
Ion Ratio Lower Upper  
106 100  
91 211.6 106.1 318.3

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

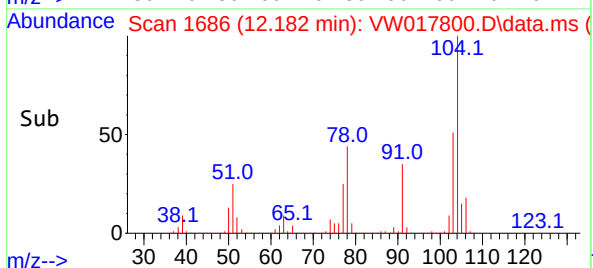
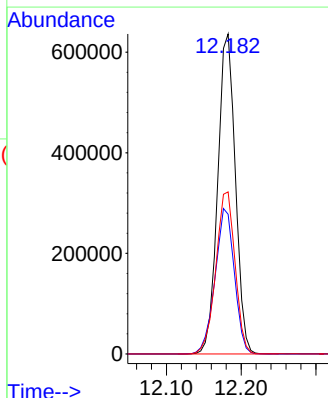
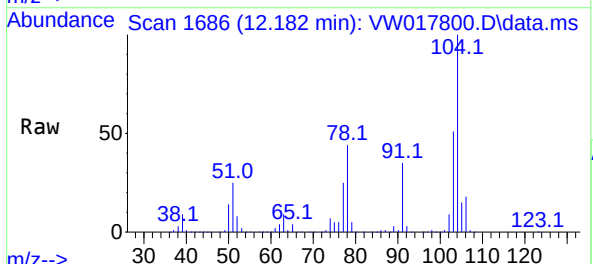
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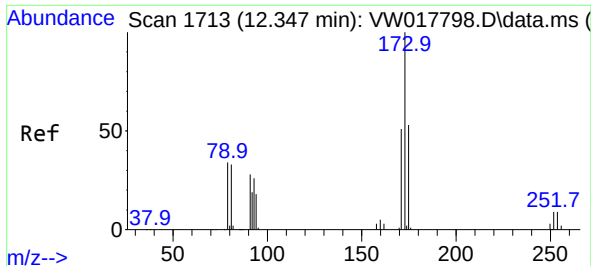
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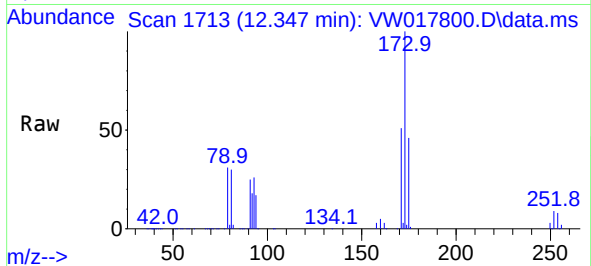
#70  
Styrene  
Concen: 150.25 ug/l  
RT: 12.182 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion:104 Resp: 1043616  
Ion Ratio Lower Upper  
104 100  
78 49.7 41.0 61.4  
103 55.2 43.9 65.9

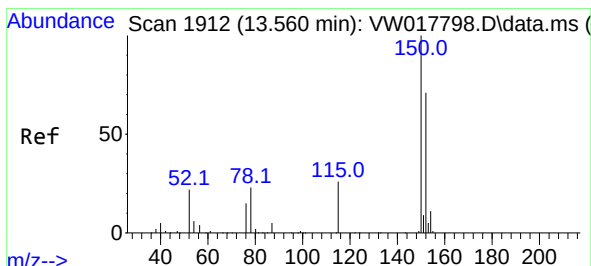
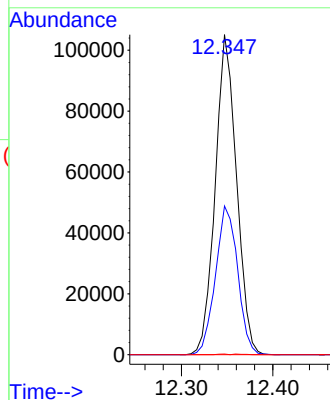
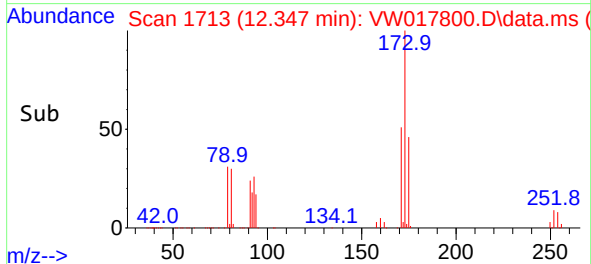




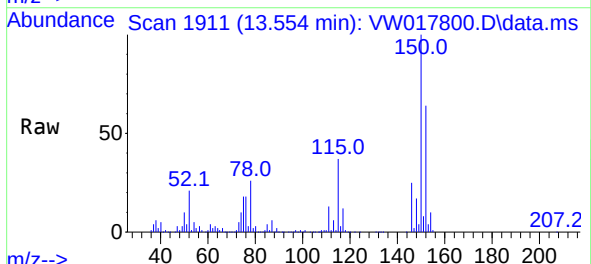
#71  
Bromoform  
Concen: 169.49 ug/l  
RT: 12.347 min Scan# 1713  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



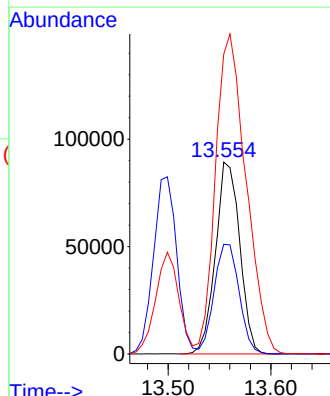
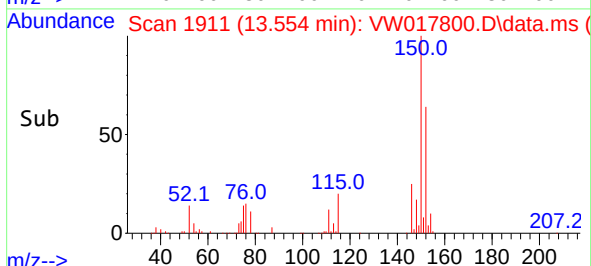
Tgt Ion:173 Resp: 170130  
Ion Ratio Lower Upper  
173 100  
175 48.3 23.9 71.7  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.554 min Scan# 1911  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



Tgt Ion:152 Resp: 146433  
Ion Ratio Lower Upper  
152 100  
115 58.9 30.3 90.9  
150 209.8 0.0 347.4

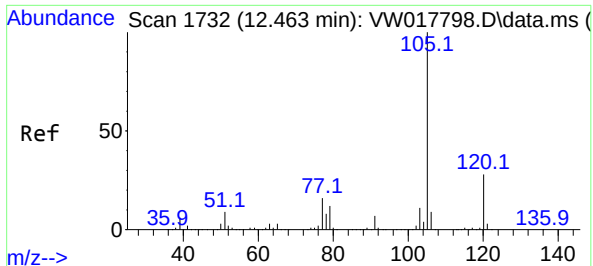


Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

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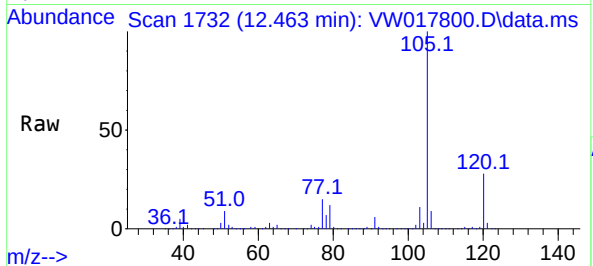
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#73  
Isopropylbenzene  
Concen: 148.16 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

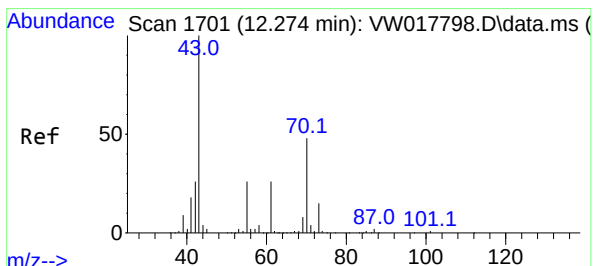
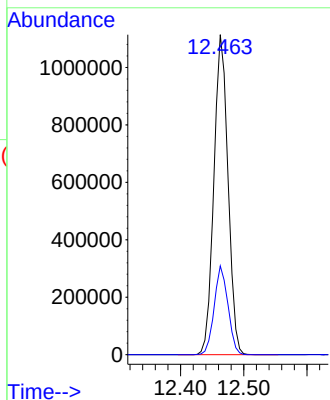
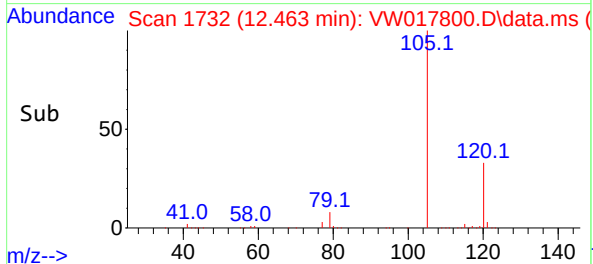
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150



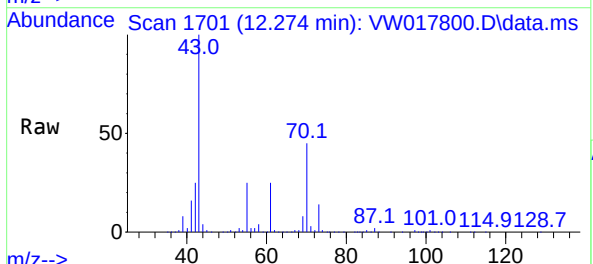
Tgt Ion:105 Resp: 1720341  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.4 40.2

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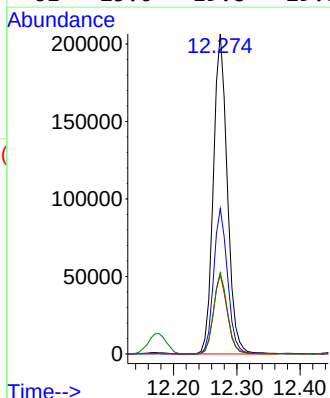
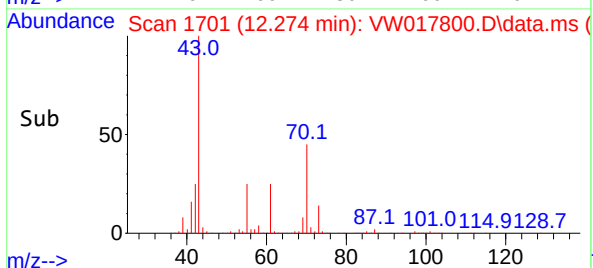
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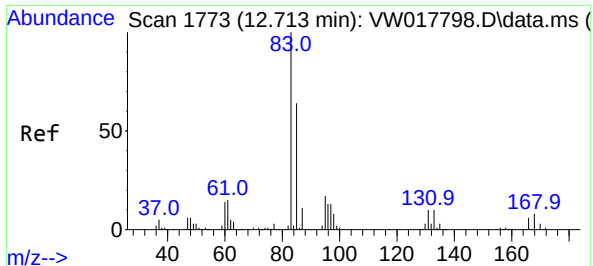


#74  
N-ethyl acetate  
Concen: 159.05 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



Tgt Ion: 43 Resp: 316687  
Ion Ratio Lower Upper  
43 100  
70 45.4 37.6 56.4  
55 24.3 20.5 30.7  
61 25.0 19.8 29.8





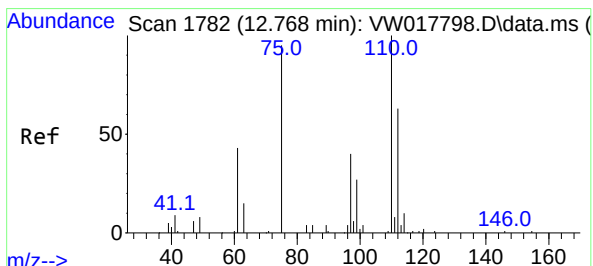
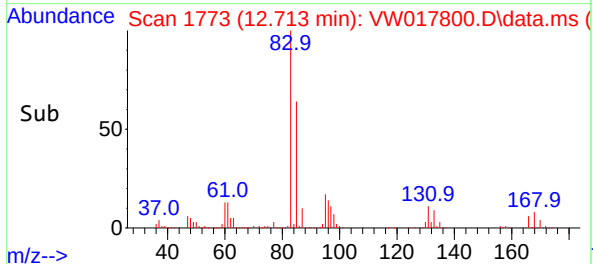
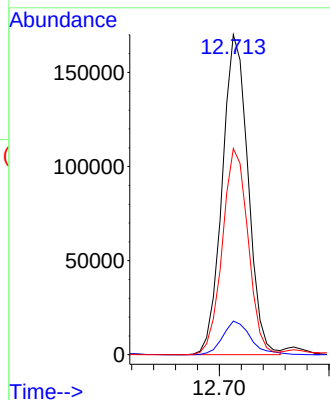
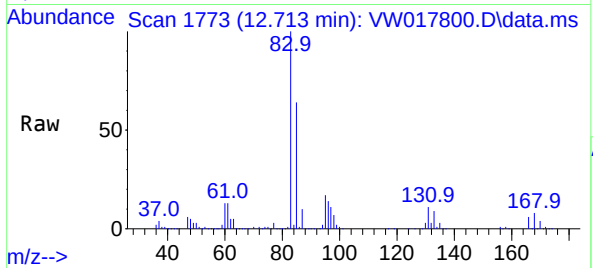
#75  
1,1,2,2-Tetrachloroethane  
Concen: 137.53 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 83 Resp: 278056  
Ion Ratio Lower Upper  
83 100  
131 11.3 5.5 16.5  
85 64.3 32.7 98.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

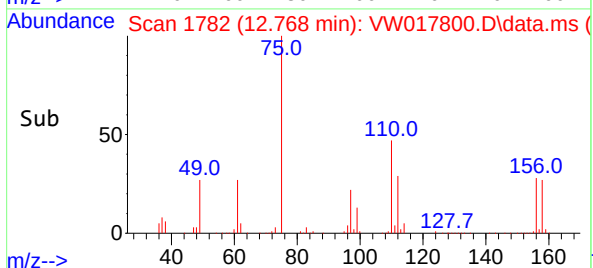
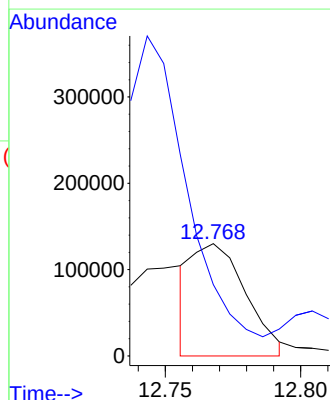
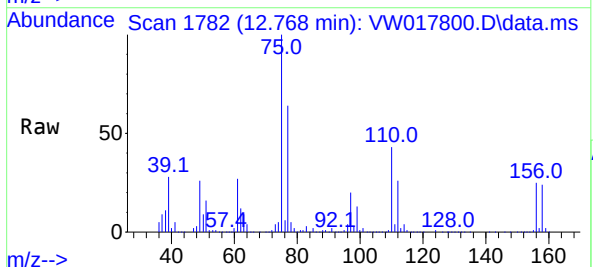
Manual Integrations  
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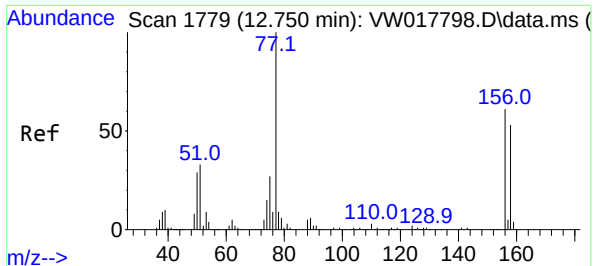
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#76  
1,2,3-Trichloropropane  
Concen: 130.90 ug/l m  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 75 Resp: 178794  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





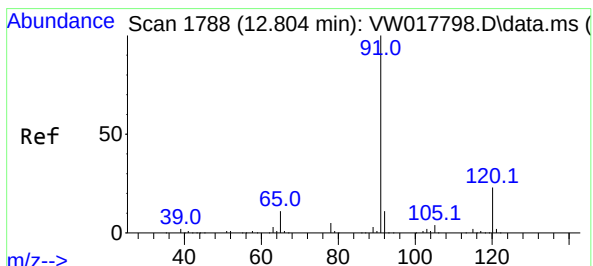
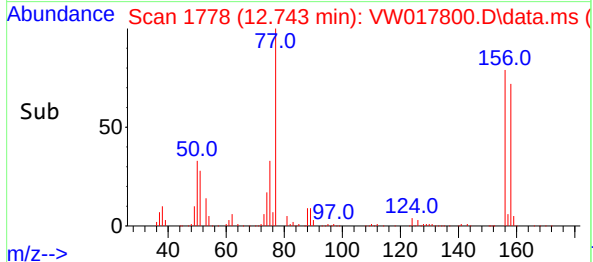
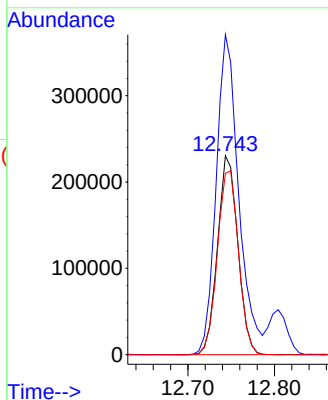
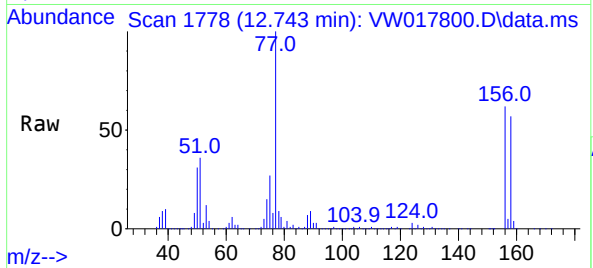
#77  
Bromobenzene  
Concen: 150.47 ug/l  
RT: 12.743 min Scan# 1778  
Delta R.T. -0.006 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion:156 Resp: 376197  
Ion Ratio Lower Upper  
156 100  
77 177.7 94.1 282.3  
158 96.0 47.3 142.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

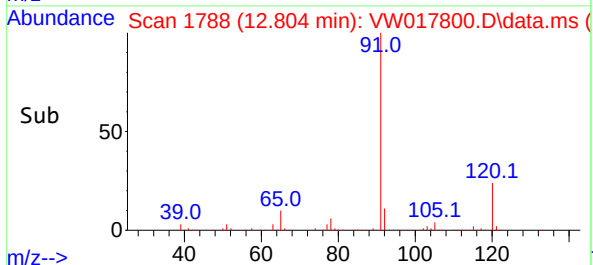
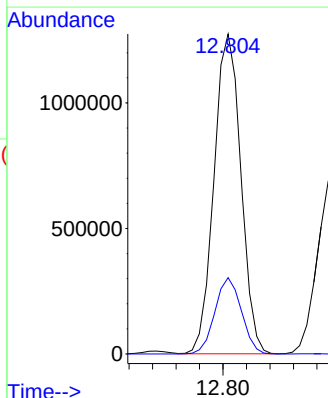
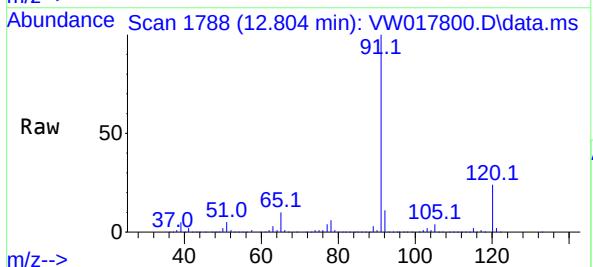
Manual Integrations  
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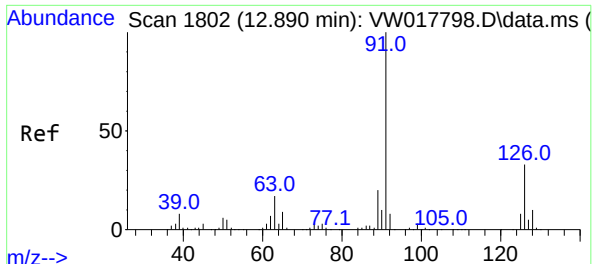
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#78  
n-propylbenzene  
Concen: 143.71 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 91 Resp: 2022414  
Ion Ratio Lower Upper  
91 100  
120 23.5 11.5 34.5





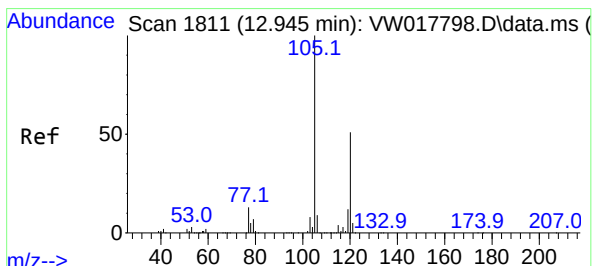
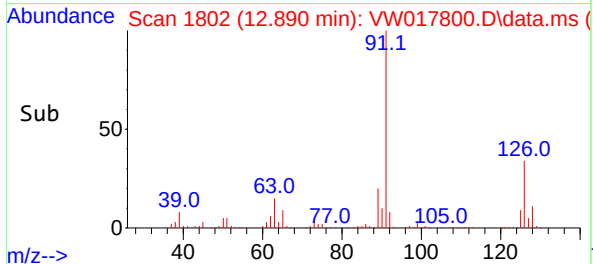
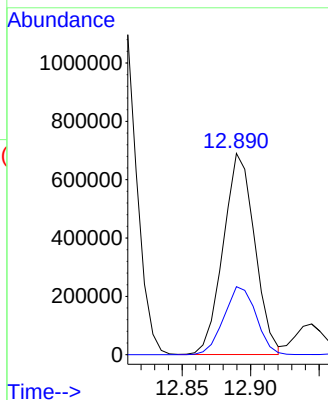
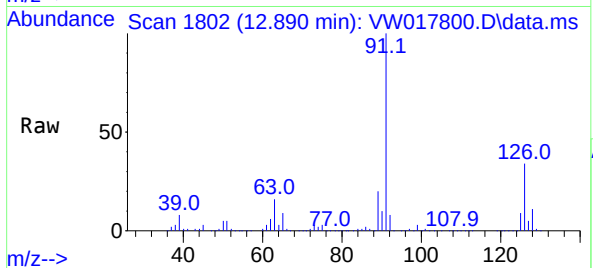
#79  
2-Chlorotoluene  
Concen: 142.29 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion: 91 Resp: 1104221  
Ion Ratio Lower Upper  
91 100  
126 34.6 17.1 51.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

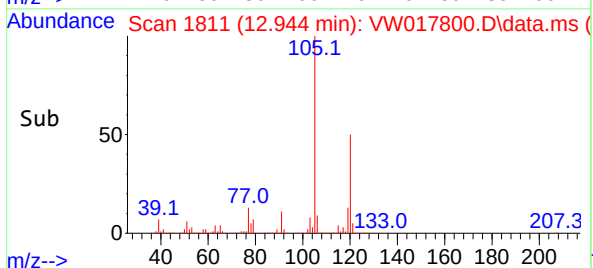
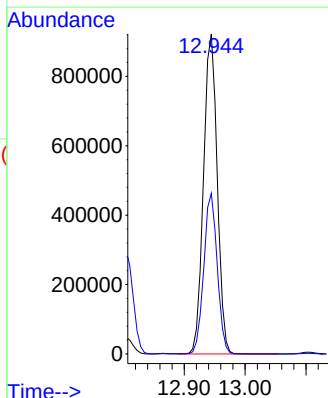
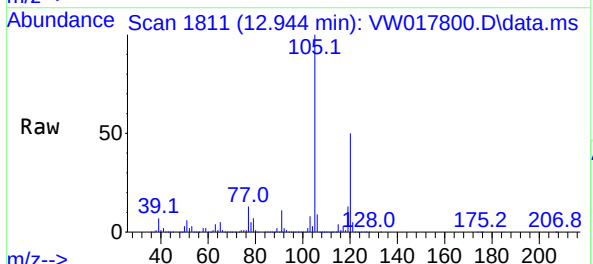
Manual Integrations  
APPROVED

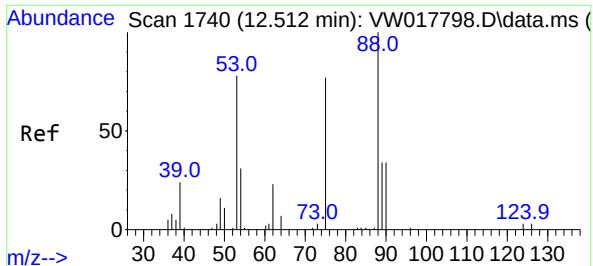
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#80  
1,3,5-Trimethylbenzene  
Concen: 148.97 ug/l  
RT: 12.944 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

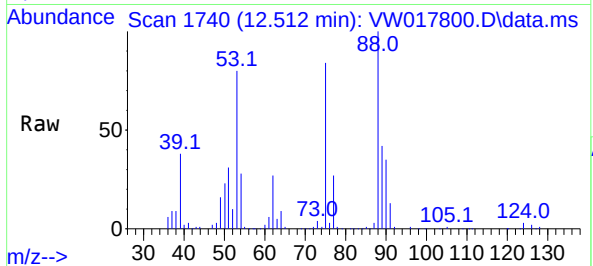
Tgt Ion: 105 Resp: 1440792  
Ion Ratio Lower Upper  
105 100  
120 49.3 24.9 74.8





#81  
trans-1,4-Dichloro-2-butene  
Concen: 190.53 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

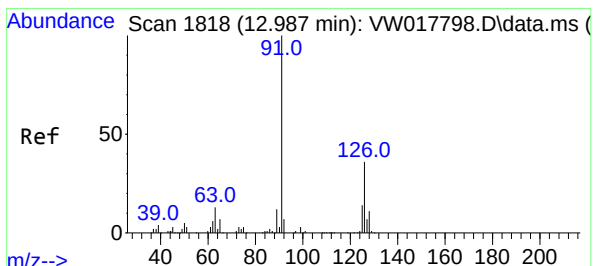
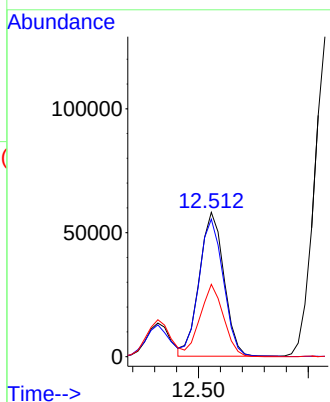
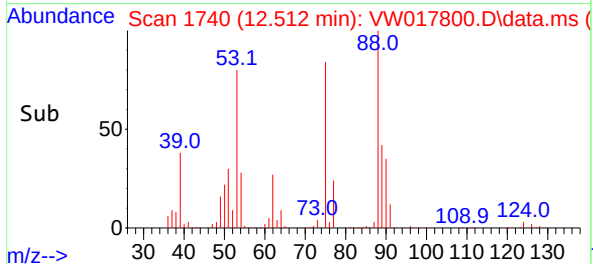
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150



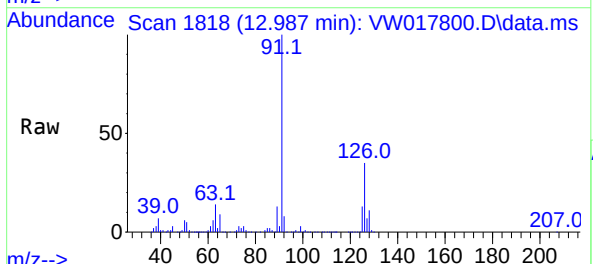
Tgt Ion: 75 Resp: 90668  
Ion Ratio Lower Upper  
75 100  
53 95.5 80.6 121.0  
89 47.5 38.4 57.6

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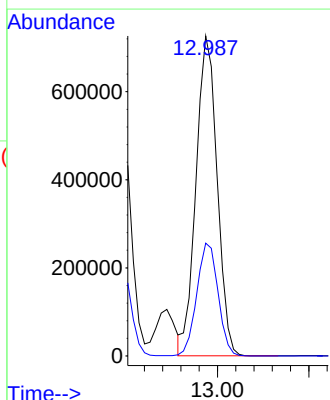
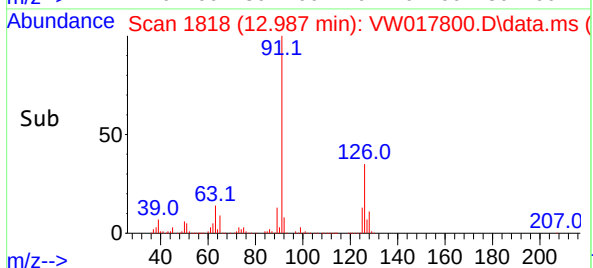
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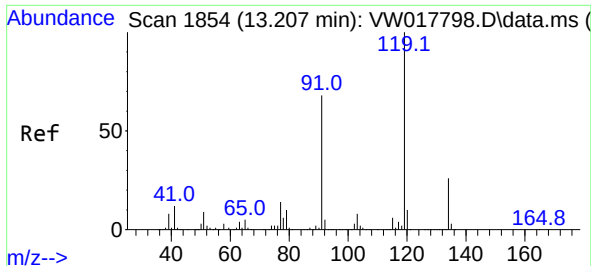


#82  
4-Chlorotoluene  
Concen: 138.85 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



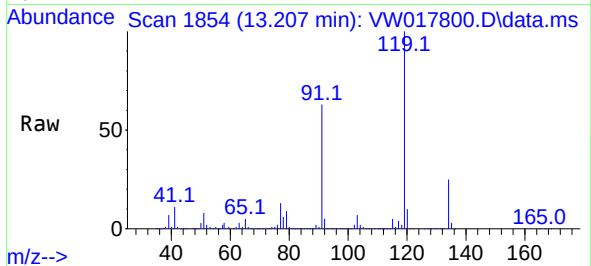
Tgt Ion: 91 Resp: 1163127  
Ion Ratio Lower Upper  
91 100  
126 35.6 17.0 51.0





#83  
tert-Butylbenzene  
Concen: 152.09 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

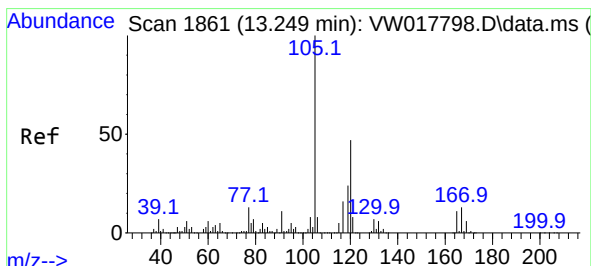
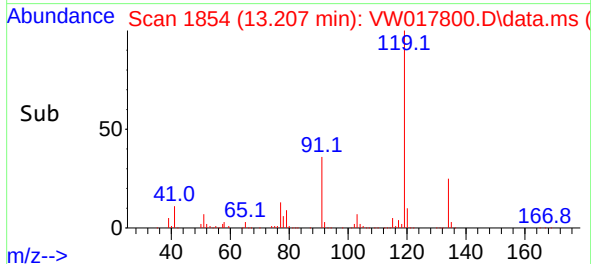
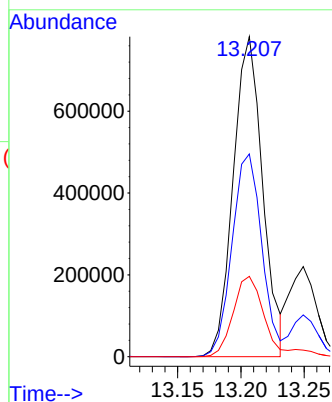
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150



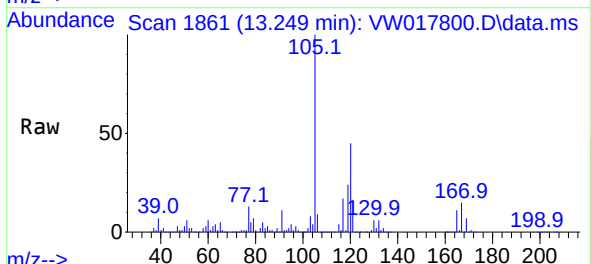
Tgt Ion:119 Resp: 1269200  
Ion Ratio Lower Upper  
119 100  
91 63.9 33.6 100.6  
134 27.3 12.8 38.3

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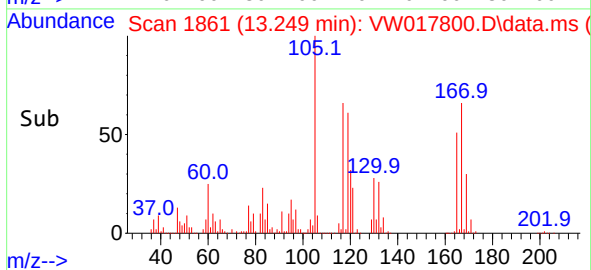
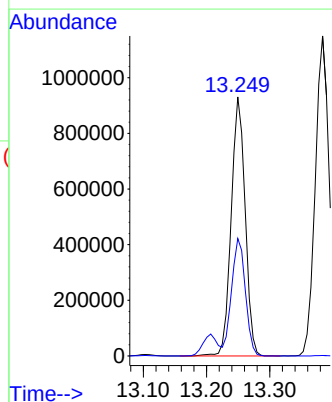
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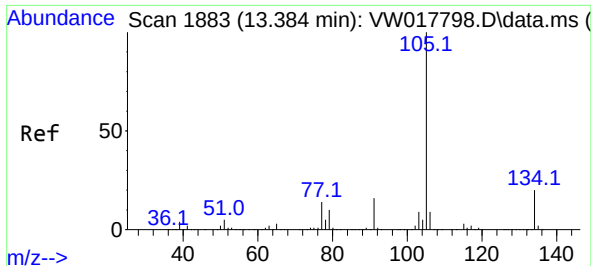


#84  
1,2,4-Trimethylbenzene  
Concen: 144.56 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



Tgt Ion:105 Resp: 1423791  
Ion Ratio Lower Upper  
105 100  
120 44.8 22.2 66.6





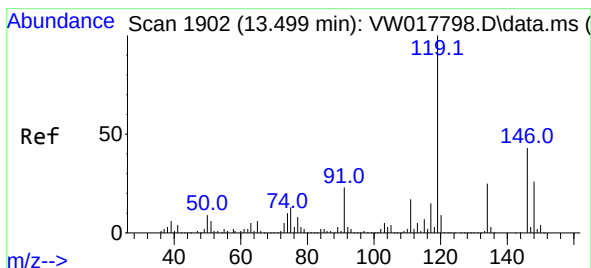
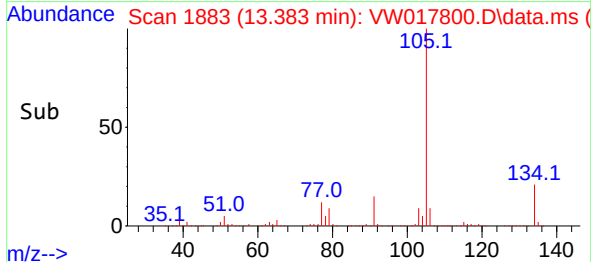
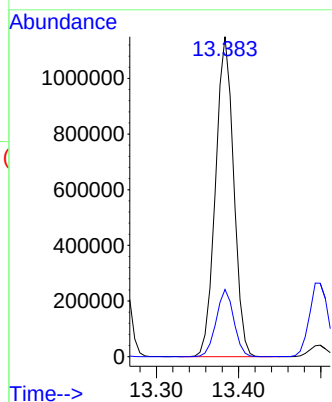
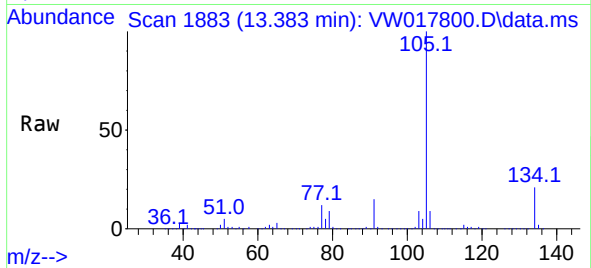
#85  
 sec-Butylbenzene  
 Concen: 147.71 ug/l  
 RT: 13.383 min Scan# 1883  
 Delta R.T. -0.000 min  
 Lab File: VW017800.D  
 Acq: 07 Jan 2021 14:26

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC150

Tgt Ion:105 Resp: 1756773  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.0 29.8

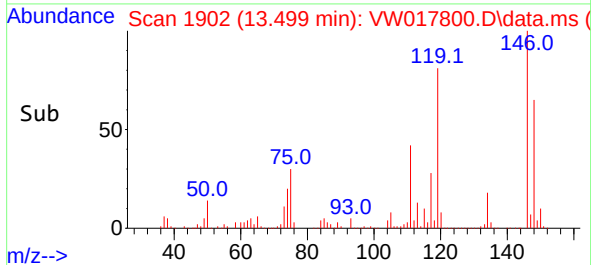
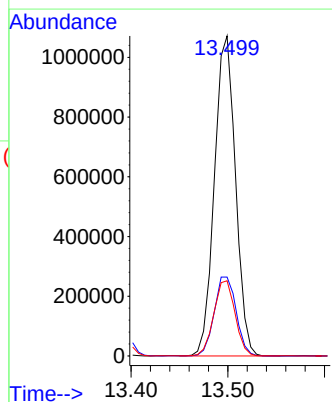
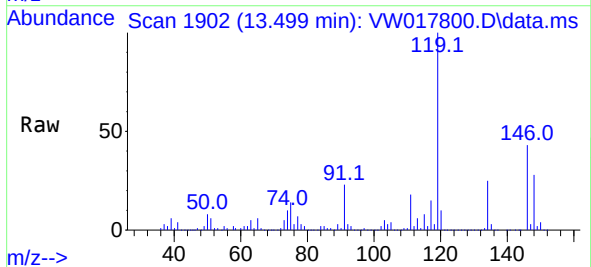
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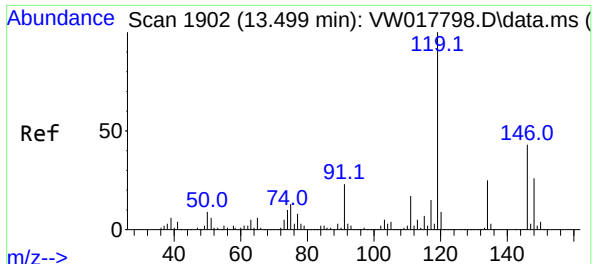
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#86  
 p-Isopropyltoluene  
 Concen: 149.81 ug/l  
 RT: 13.499 min Scan# 1902  
 Delta R.T. -0.000 min  
 Lab File: VW017800.D  
 Acq: 07 Jan 2021 14:26

Tgt Ion:119 Resp: 1617578  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.8 38.3  
 91 23.8 12.0 36.0





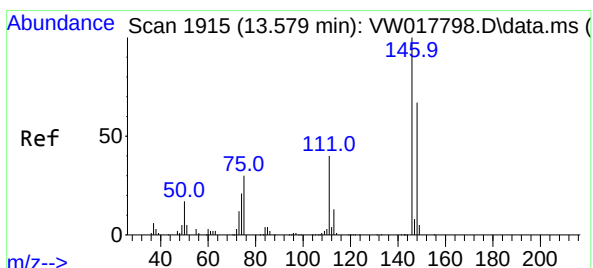
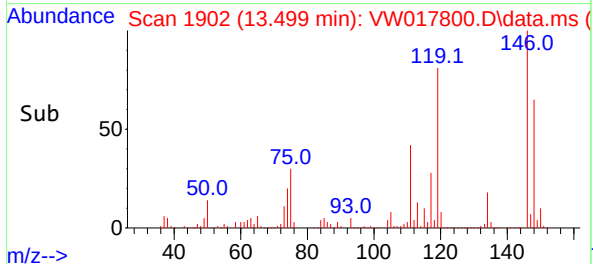
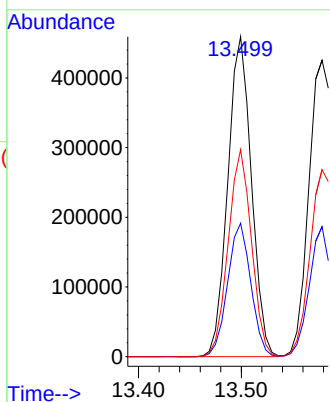
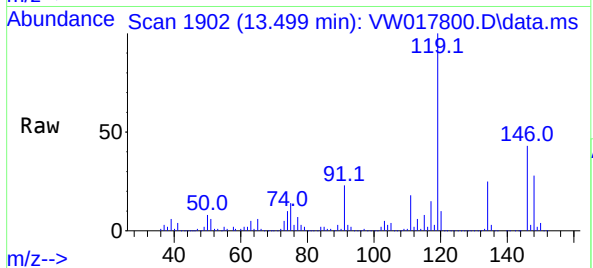
#87  
1,3-Dichlorobenzene  
Concen: 144.10 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion:146 Resp: 735143  
Ion Ratio Lower Upper  
146 100  
111 41.0 21.3 64.0  
148 63.7 30.4 91.2

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

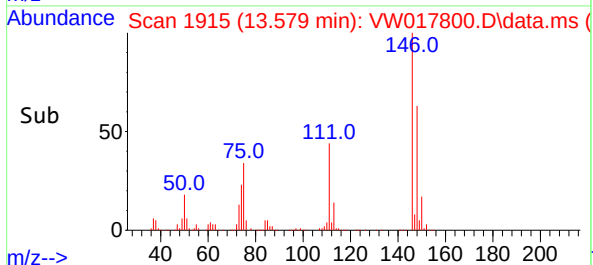
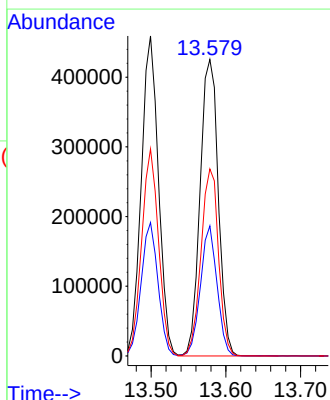
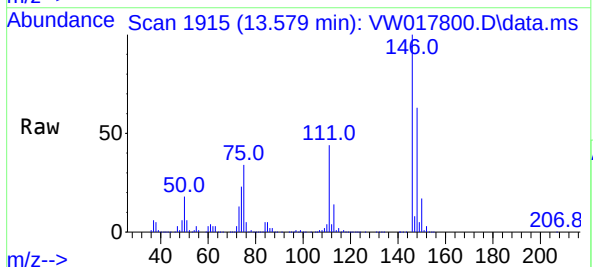
Manual Integrations  
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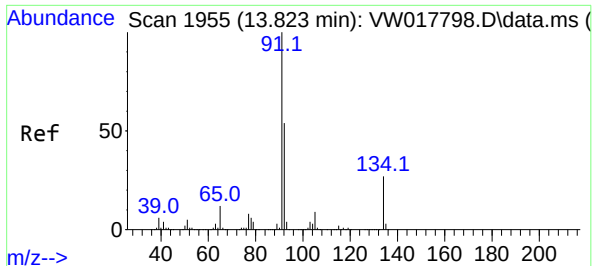


#88  
1,4-Dichlorobenzene  
Concen: 137.56 ug/l  
RT: 13.579 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

Tgt Ion:146 Resp: 716275  
Ion Ratio Lower Upper  
146 100  
111 40.3 19.8 59.4  
148 61.2 32.6 97.8

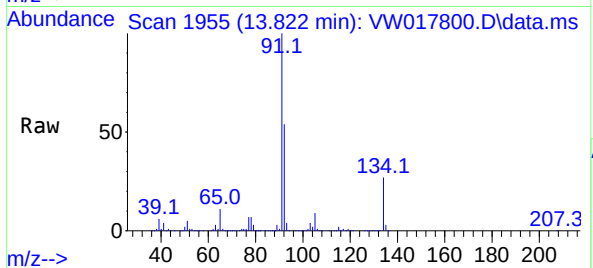






#89  
n-Butylbenzene  
Concen: 142.79 ug/l  
RT: 13.822 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
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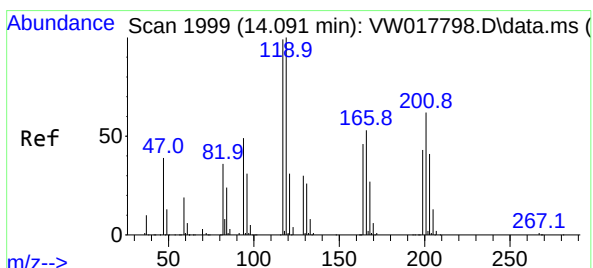
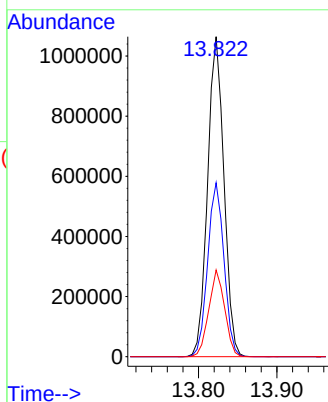
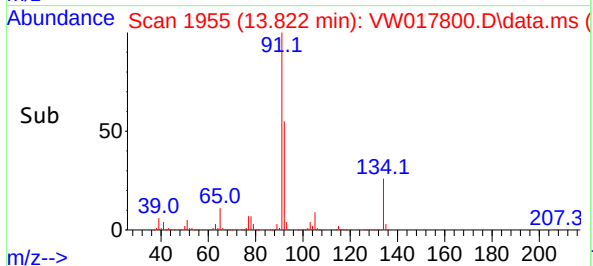
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ClientSampleId :  
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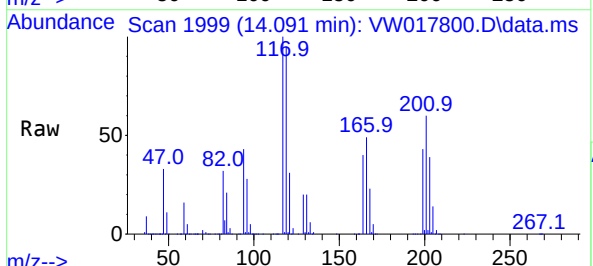
Tgt Ion: 91 Resp: 1538792  
Ion Ratio Lower Upper  
91 100  
92 54.3 26.8 80.4  
134 26.4 13.1 39.3

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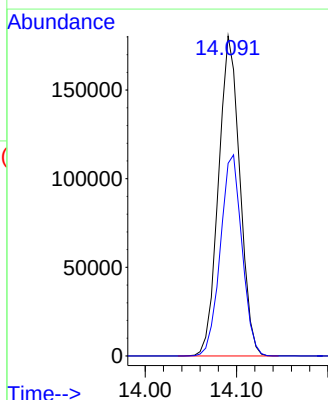
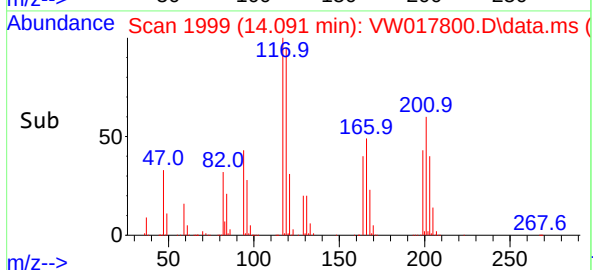
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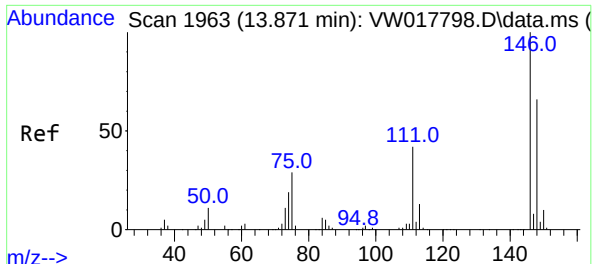


#90  
Hexachloroethane  
Concen: 167.46 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



Tgt Ion: 117 Resp: 293496  
Ion Ratio Lower Upper  
117 100  
201 63.7 32.0 96.2





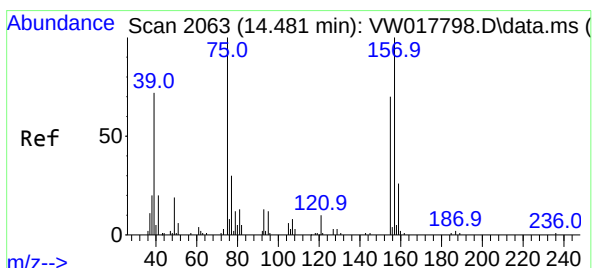
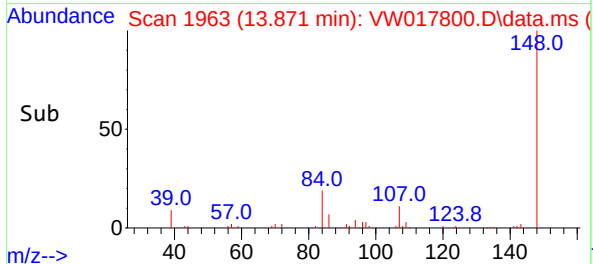
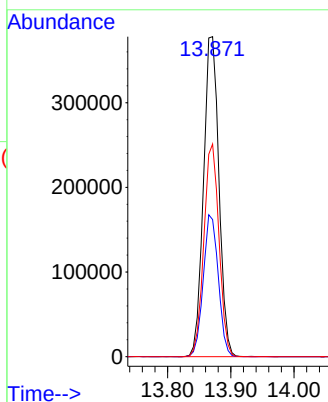
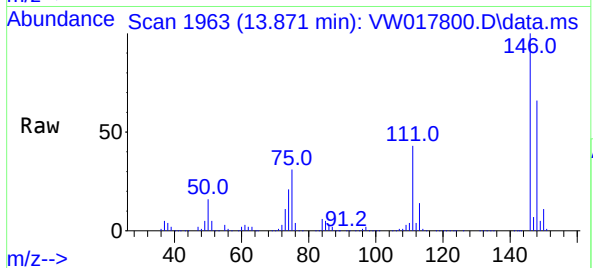
#91  
1,2-Dichlorobenzene  
Concen: 143.58 ug/l  
RT: 13.871 min Scan# 1963  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
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Tgt Ion:146 Resp: 642303  
Ion Ratio Lower Upper  
146 100  
111 43.2 21.3 64.0  
148 65.2 31.7 95.1

Instrument :  
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ClientSampleId :  
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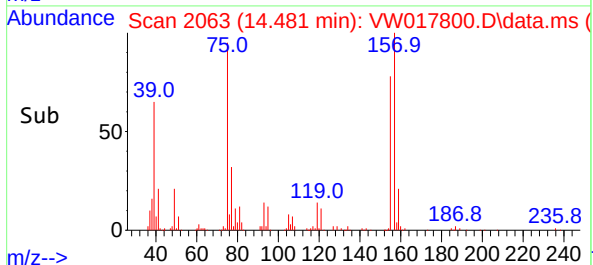
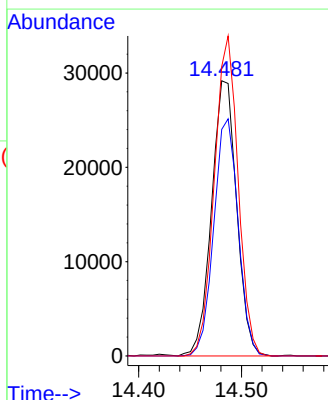
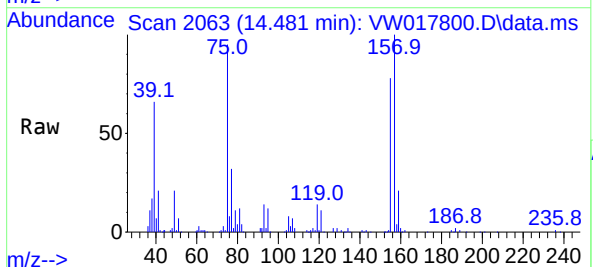
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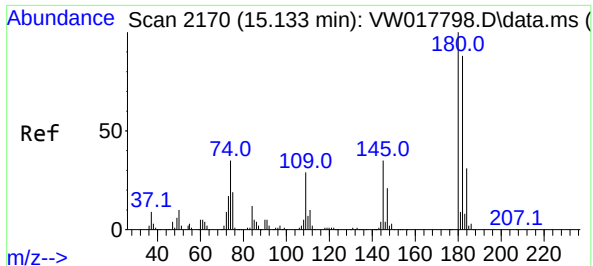
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 143.45 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

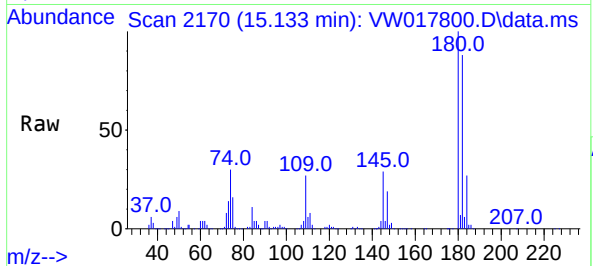
Tgt Ion: 75 Resp: 49466  
Ion Ratio Lower Upper  
75 100  
155 83.5 40.3 120.8  
157 110.1 52.8 158.4





#93  
1,2,4-Trichlorobenzene  
Concen: 151.71 ug/l  
RT: 15.133 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

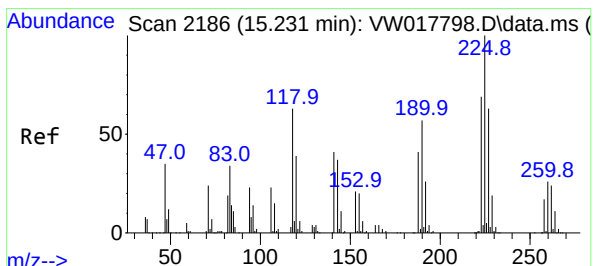
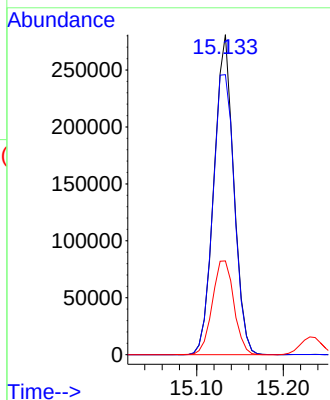
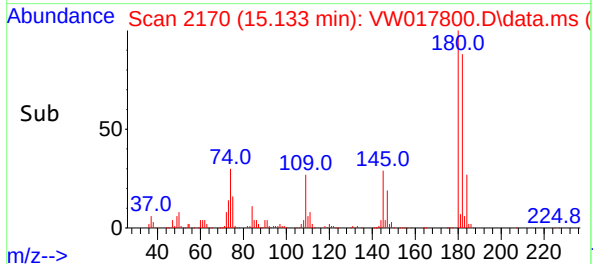
Instrument :  
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ClientSampleId :  
VSTDIC150



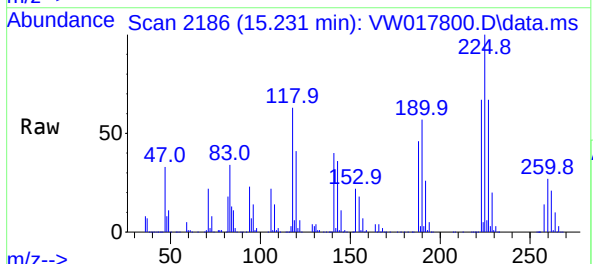
Tgt Ion:180 Resp: 443598  
Ion Ratio Lower Upper  
180 100  
182 96.4 47.1 141.4  
145 32.2 16.9 50.6

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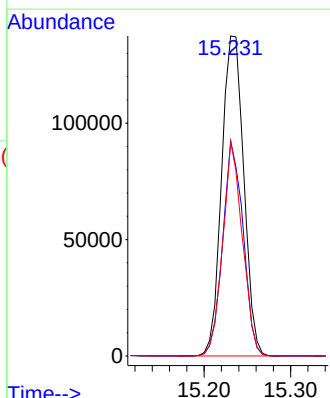
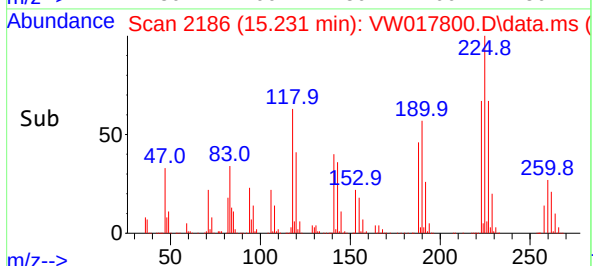
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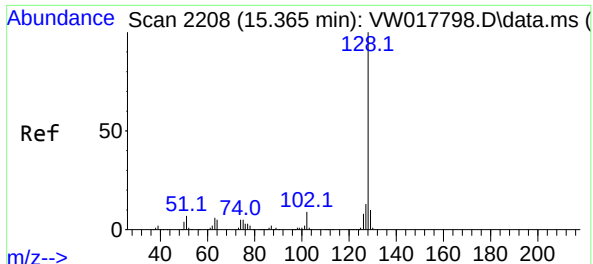


#94  
Hexachlorobutadiene  
Concen: 150.92 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26

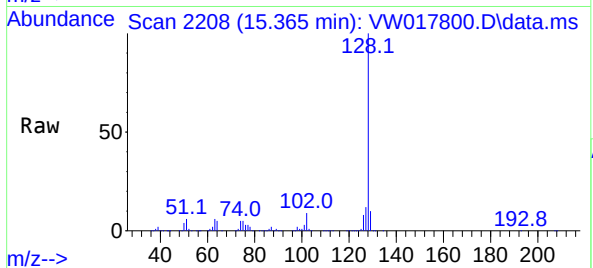


Tgt Ion:225 Resp: 244059  
Ion Ratio Lower Upper  
225 100  
223 62.0 32.4 97.0  
227 59.5 31.6 94.8

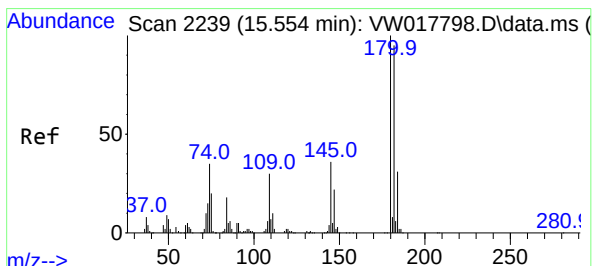
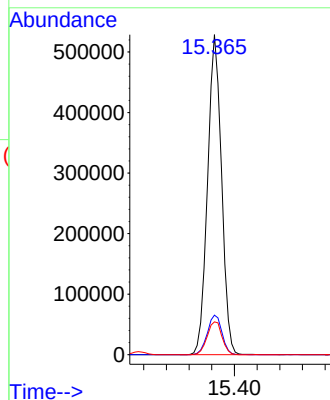
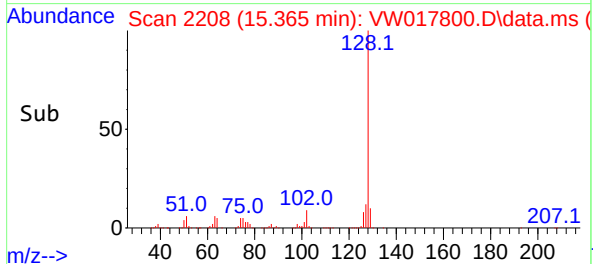




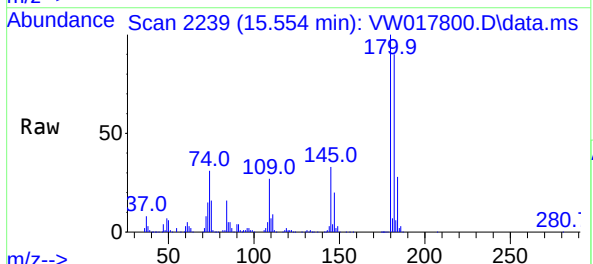
#95  
Naphthalene  
Concen: 163.59 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



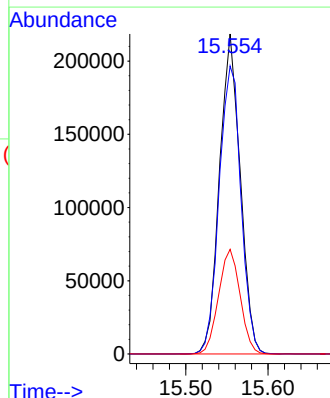
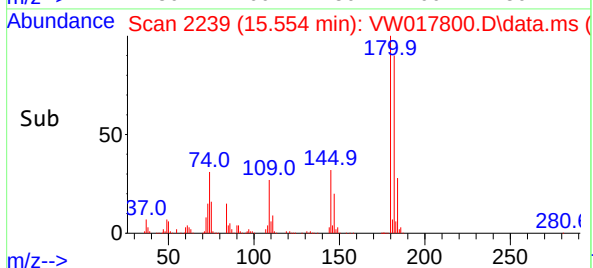
Tgt Ion:128 Resp: 900715  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.8 16.2  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 153.44 ug/l  
RT: 15.554 min Scan# 2239  
Delta R.T. -0.000 min  
Lab File: VW017800.D  
Acq: 07 Jan 2021 14:26



Tgt Ion:180 Resp: 383111  
Ion Ratio Lower Upper  
180 100  
182 95.0 47.9 143.8  
145 34.1 17.3 51.9



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

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