

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031721\  
 Data File : VW018355.D  
 Acq On : 17 Mar 2021 20:06  
 Operator : SY/VA  
 Sample : VW0317SBS01  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0317SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/18/2021 4:12:45 PM

Quant Time: Mar 18 03:16:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W031721S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 17 18:51:14 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Pentafluorobenzene        | 7.952  | 168  | 380757   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.842  | 114  | 655425   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 11.634 | 117  | 593992   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.554 | 152  | 312634   | 50.00  | ug/l    | 0.00     |
|                              |        |      |          |        |         |          |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4    | 8.305  | 65   | 210903   | 51.87  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 103.74% |          |
| 35) Dibromofluoromethane     | 7.885  | 113  | 185036   | 48.44  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 96.88%  |          |
| 50) Toluene-d8               | 10.323 | 98   | 726833   | 47.85  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 95.70%  |          |
| 62) 4-Bromofluorobenzene     | 12.615 | 95   | 278043   | 48.22  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 96.44%  |          |
|                              |        |      |          |        |         |          |
| Target Compounds             |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.014  | 85   | 57905    | 21.38  | ug/l    | 97       |
| 3) Chloromethane             | 2.215  | 50   | 87697    | 20.93  | ug/l    | 98       |
| 4) Vinyl Chloride            | 2.367  | 62   | 103764   | 25.62  | ug/l    | 98       |
| 5) Bromomethane              | 2.782  | 94   | 76239    | 23.08  | ug/l    | 100      |
| 6) Chloroethane              | 2.922  | 64   | 70256    | 22.18  | ug/l    | 98       |
| 7) Trichlorofluoromethane    | 3.257  | 101  | 56608    | 17.99  | ug/l    | 96       |
| 8) Diethyl Ether             | 3.678  | 74   | 42644    | 22.45  | ug/l    | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 4.062  | 101  | 75659    | 21.28  | ug/l    | 96       |
| 10) Methyl Iodide            | 4.275  | 142  | 114653   | 21.93  | ug/l    | 96       |
| 11) Tert butyl alcohol       | 5.166  | 59   | 29756    | 120.25 | ug/l #  | 94       |
| 12) 1,1-Dichloroethene       | 4.038  | 96   | 76796    | 20.98  | ug/l    | 85       |
| 13) Acrolein                 | 3.897  | 56   | 25341    | 147.62 | ug/l    | 96       |
| 14) Allyl chloride           | 4.666  | 41   | 105715   | 21.20  | ug/l    | 97       |
| 15) Acrylonitrile            | 5.361  | 53   | 84007    | 111.71 | ug/l    | 96       |
| 16) Acetone                  | 4.123  | 43   | 65835    | 108.32 | ug/l    | 96       |
| 17) Carbon Disulfide         | 4.391  | 76   | 213071   | 22.18  | ug/l    | 99       |
| 18) Methyl Acetate           | 4.666  | 43   | 35290    | 22.11  | ug/l    | 98       |
| 19) Methyl tert-butyl Ether  | 5.428  | 73   | 121267   | 22.08  | ug/l    | 99       |
| 20) Methylene Chloride       | 4.909  | 84   | 97618    | 22.49  | ug/l    | 92       |
| 21) trans-1,2-Dichloroethene | 5.422  | 96   | 89579    | 20.81  | ug/l    | 84       |
| 22) Diisopropyl ether        | 6.312  | 45   | 222207   | 21.69  | ug/l    | 98       |
| 23) Vinyl Acetate            | 6.251  | 43   | 721501   | 113.84 | ug/l    | 97       |
| 24) 1,1-Dichloroethane       | 6.214  | 63   | 158389   | 21.56  | ug/l    | 99       |
| 25) 2-Butanone               | 7.171  | 43   | 105488   | 117.14 | ug/l    | 95       |
| 26) 2,2-Dichloropropane      | 7.165  | 77   | 96056    | 20.34  | ug/l    | 98       |
| 27) cis-1,2-Dichloroethene   | 7.165  | 96   | 101041   | 21.53  | ug/l    | 94       |
| 28) Bromochloromethane       | 7.513  | 49   | 64409    | 22.44  | ug/l    | 85       |
| 29) Tetrahydrofuran          | 7.525  | 42   | 69534    | 118.99 | ug/l    | 95       |
| 30) Chloroform               | 7.677  | 83   | 167287   | 21.60  | ug/l    | 97       |
| 31) Cyclohexane              | 7.958  | 56   | 142719   | 20.50  | ug/l    | 89       |
| 32) 1,1,1-Trichloroethane    | 7.872  | 97   | 135097   | 21.45  | ug/l    | 98       |
| 36) 1,1-Dichloropropene      | 8.080  | 75   | 133019   | 20.54  | ug/l    | 99       |
| 37) Ethyl Acetate            | 7.251  | 43   | 51877    | 22.91  | ug/l    | 99       |
| 38) Carbon Tetrachloride     | 8.067  | 117  | 123100   | 20.34  | ug/l #  | 96       |
| 39) Methylcyclohexane        | 9.336  | 83   | 166212   | 20.27  | ug/l    | 98       |
| 40) Benzene                  | 8.324  | 78   | 362972   | 20.94  | ug/l    | 99       |

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 Operator : SY/VA  
 Sample : VW0317SBSD01  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0317SBSD01

Manual Integrations  
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 3/18/2021 4:12:45 PM

Quant Time: Mar 18 03:16:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W031721S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 17 18:51:14 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.482  | 41   | 24833    | 20.27  | ug/l   | 86       |
| 42) 1,2-Dichloroethane        | 8.397  | 62   | 119288   | 21.91  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.421  | 43   | 101841   | 22.40  | ug/l   | 95       |
| 44) Trichloroethene           | 9.092  | 130  | 95995    | 20.56  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.366  | 63   | 87729    | 20.94  | ug/l   | 93       |
| 46) Dibromomethane            | 9.457  | 93   | 50794    | 21.71  | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.646  | 83   | 128039   | 21.04  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.433  | 41   | 45559    | 21.14  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.445  | 88   | 14849    | 437.47 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.207 | 43   | 250439   | 112.82 | ug/l   | 98       |
| 52) Toluene                   | 10.384 | 92   | 234269   | 20.49  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.604 | 75   | 128312   | 20.70  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 145274   | 20.54  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 68592    | 21.67  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 91566    | 22.24  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 121074   | 21.48  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.921  | 63   | 223896   | 107.17 | ug/l   | 93       |
| 59) 2-Hexanone                | 10.969 | 43   | 176888   | 115.75 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.128 | 129  | 81672    | 20.94  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.232 | 107  | 65934    | 21.20  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.860 | 164  | 76709    | 20.24  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.658 | 112  | 250798   | 20.91  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 88211    | 20.83  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.731 | 91   | 463960   | 20.44  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.841 | 106  | 351971   | 40.88  | ug/l   | 100      |
| 69) o-Xylene                  | 12.164 | 106  | 165664   | 20.56  | ug/l   | 97       |
| 70) Styrene                   | 12.183 | 104  | 277349   | 20.59  | ug/l   | 99       |
| 71) Bromoform                 | 12.347 | 173  | 44816    | 20.76  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.463 | 105  | 452211   | 19.20  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.274 | 43   | 98016    | 21.15  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 80703    | 21.00  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 51899m   | 18.06  | ug/l   |          |
| 77) Bromobenzene              | 12.750 | 156  | 98219    | 19.48  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.804 | 91   | 545012   | 19.41  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 322471   | 20.05  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 398333   | 19.62  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 26894    | 20.48  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 334427   | 19.73  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.207 | 119  | 340151   | 19.75  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 407213   | 20.02  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.384 | 105  | 479765   | 19.77  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.493 | 119  | 439411   | 20.16  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 202290   | 19.88  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 195648   | 19.28  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.823 | 91   | 429425   | 19.86  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.091 | 117  | 76984    | 19.22  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 177903   | 19.85  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 15874    | 22.29  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.133 | 180  | 125511   | 19.78  | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 73014    | 20.32  | ug/l   | 94       |
| 95) Naphthalene               | 15.365 | 128  | 249161   | 21.28  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 108655   | 20.58  | ug/l   | 94       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031721\  
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Operator : SY/VA  
Sample : VW0317SBSD01  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

Manual Integrations  
APPROVED

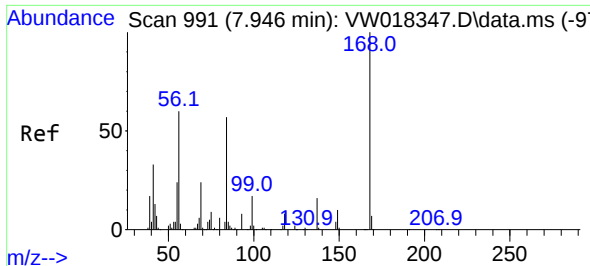
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3/18/2021 4:12:45 PM

Quant Time: Mar 18 03:16:47 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W031721S.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 17 18:51:14 2021  
Response via : Initial Calibration

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

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





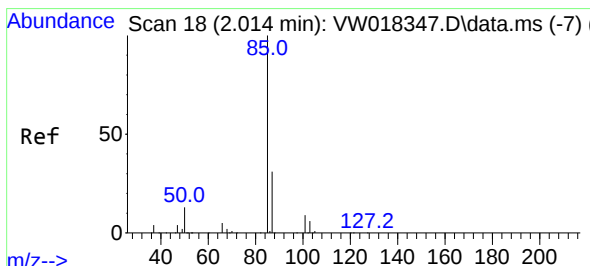
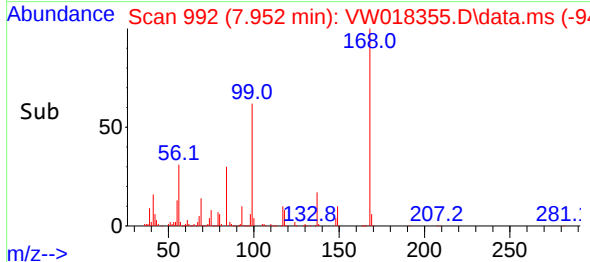
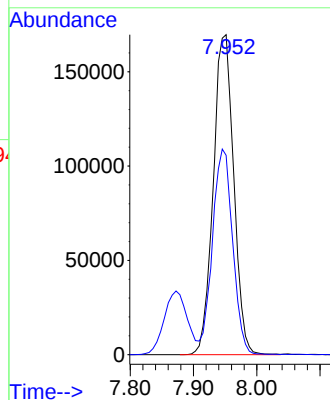
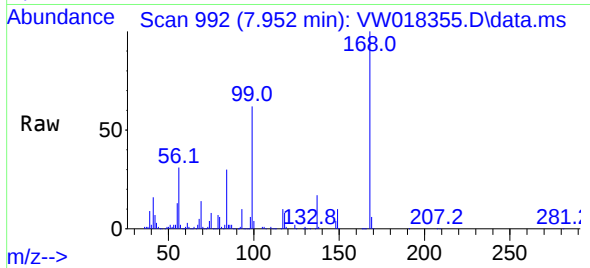
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.952 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion:168 Resp: 380757  
Ion Ratio Lower Upper  
168 100  
99 62.2 60.8 91.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

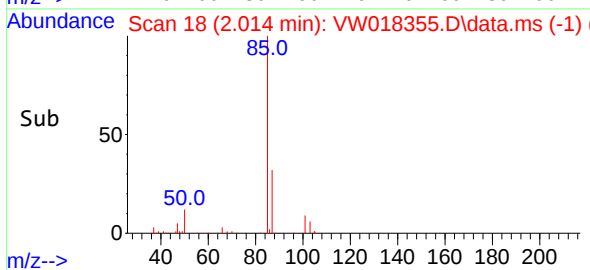
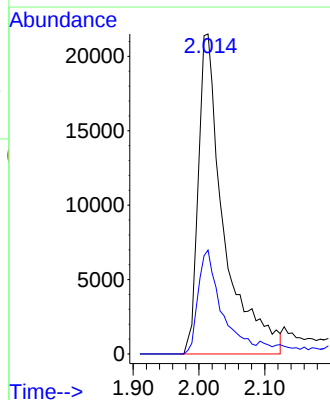
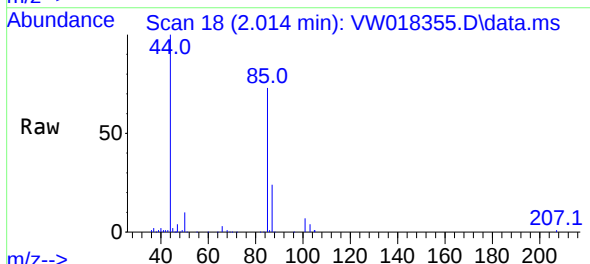
Manual Integrations  
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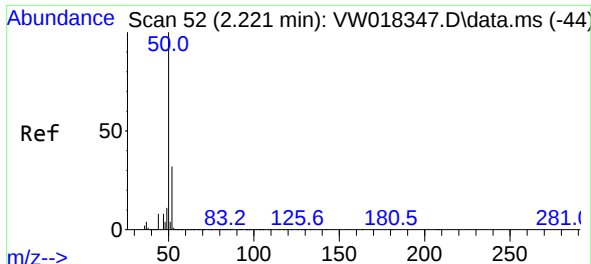
MMDadoda  
3/18/2021 4:12:45 PM



#2  
Dichlorodifluoromethane  
Concen: 21.38 ug/l  
RT: 2.014 min Scan# 18  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 85 Resp: 57905  
Ion Ratio Lower Upper  
85 100  
87 32.5 15.3 45.9





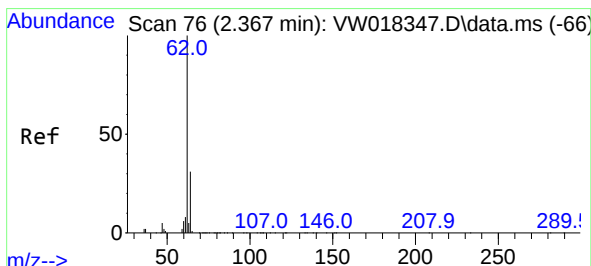
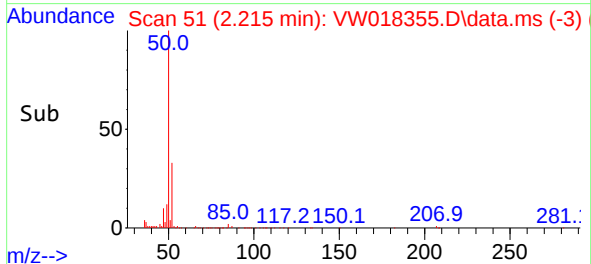
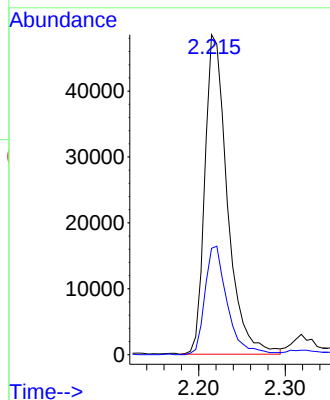
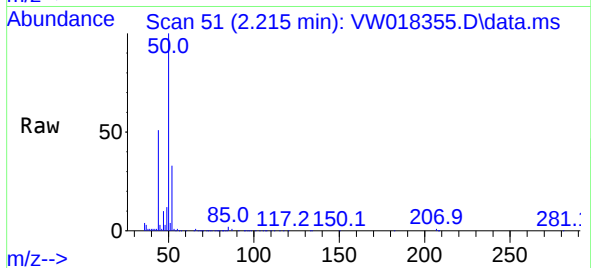
#3  
Chloromethane  
Concen: 20.93 ug/l  
RT: 2.215 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 50 Resp: 87697  
Ion Ratio Lower Upper  
50 100  
52 33.3 25.8 38.6

Instrument :  
MSVOA\_W  
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VW0317SBSD01

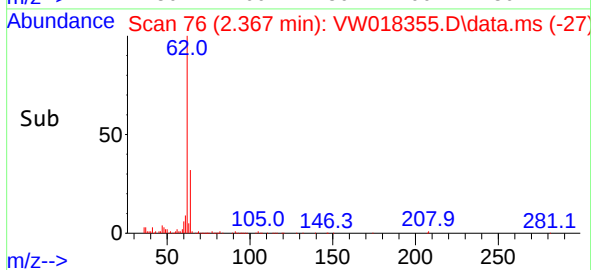
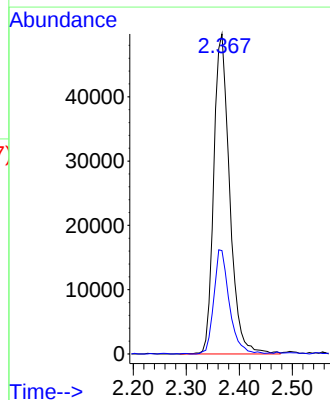
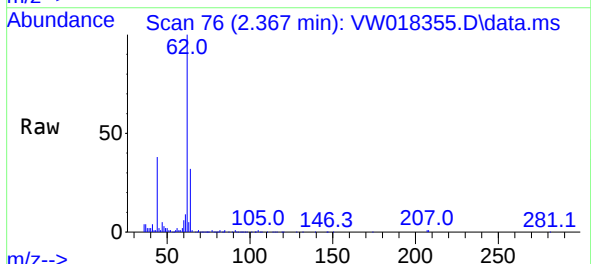
Manual Integrations  
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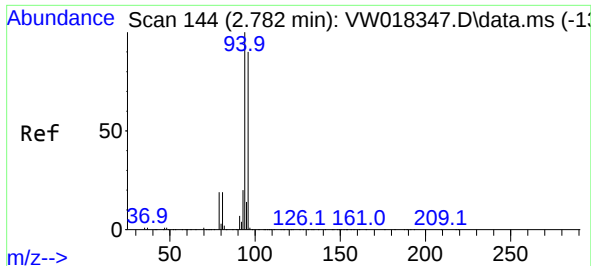
MMDadoda  
3/18/2021 4:12:45 PM



#4  
Vinyl Chloride  
Concen: 25.62 ug/l  
RT: 2.367 min Scan# 76  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 62 Resp: 103764  
Ion Ratio Lower Upper  
62 100  
64 32.3 26.7 40.1





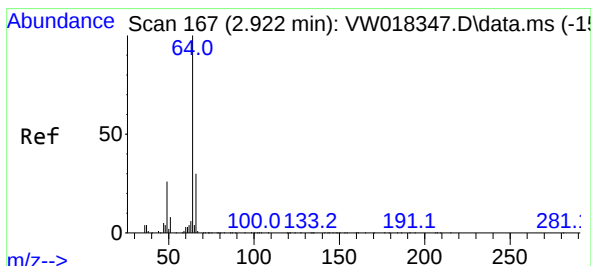
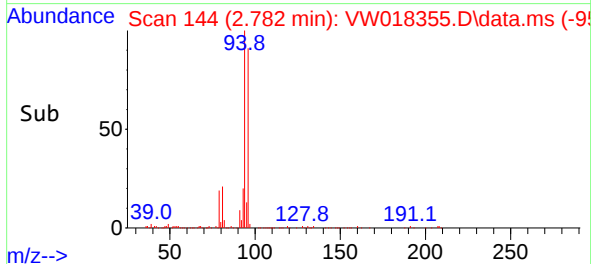
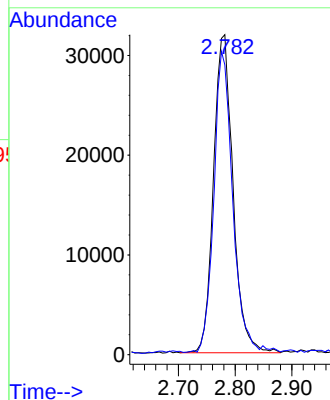
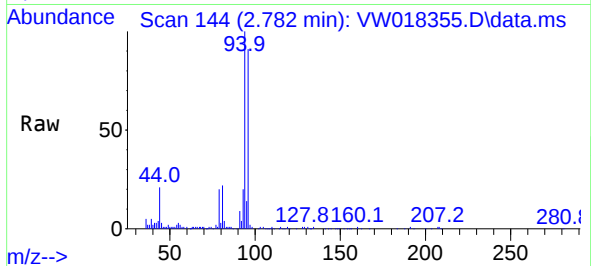
#5  
Bromomethane  
Concen: 23.08 ug/l  
RT: 2.782 min Scan# 144  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 94 Resp: 76239  
Ion Ratio Lower Upper  
94 100  
96 90.2 72.3 108.5

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

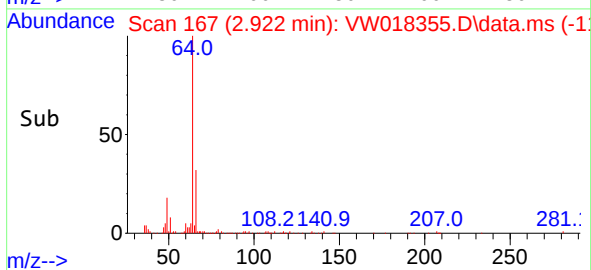
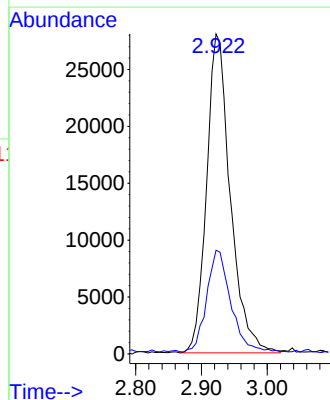
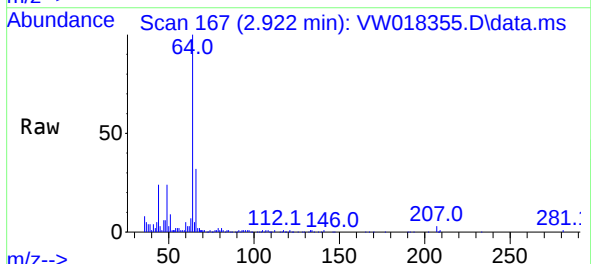
Manual Integrations  
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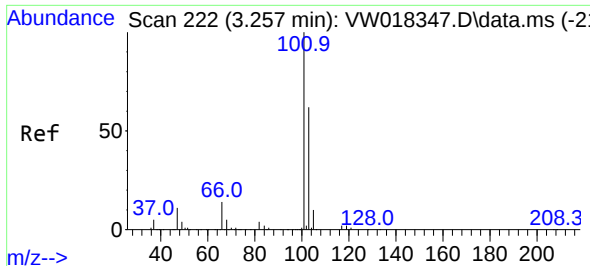
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#6  
Chloroethane  
Concen: 22.18 ug/l  
RT: 2.922 min Scan# 167  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 64 Resp: 70256  
Ion Ratio Lower Upper  
64 100  
66 31.8 24.5 36.7





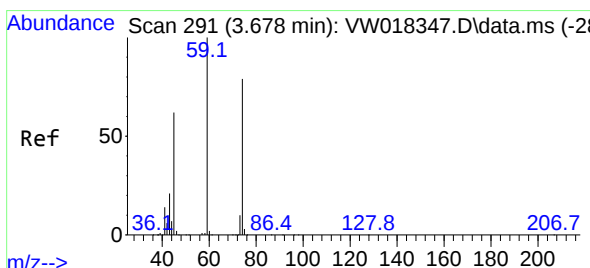
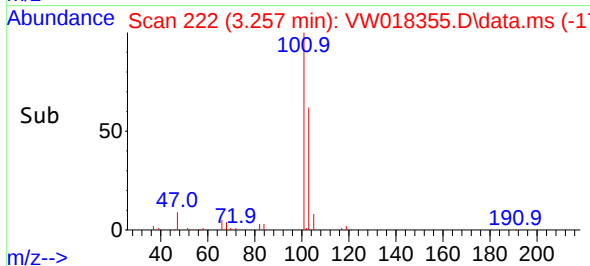
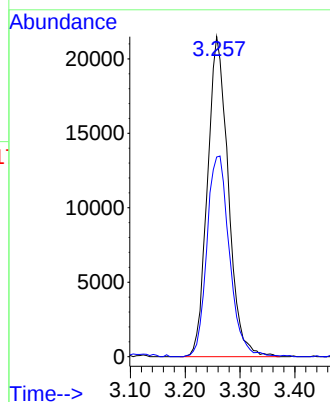
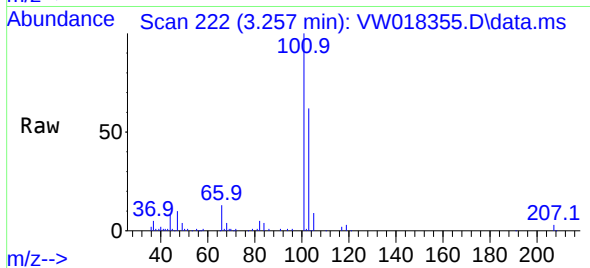
#7  
Trichlorofluoromethane  
Concen: 17.99 ug/l  
RT: 3.257 min Scan# 222  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 101 Resp: 56608  
Ion Ratio Lower Upper  
101 100  
103 62.4 47.6 71.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

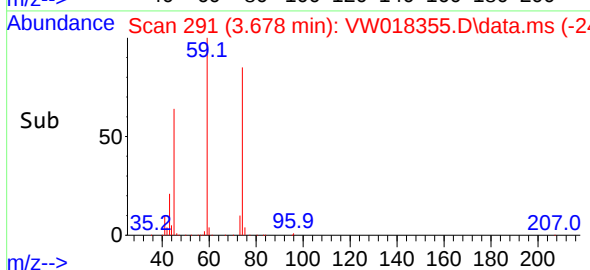
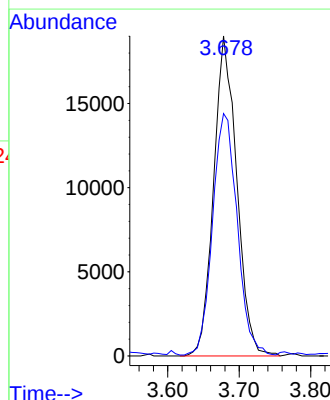
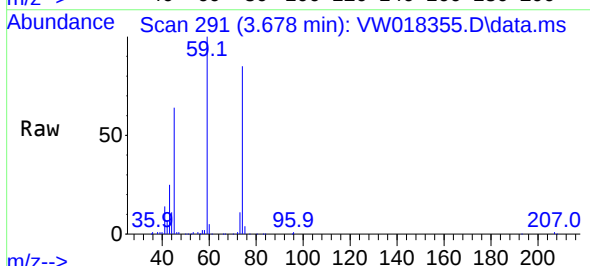
Manual Integrations  
APPROVED

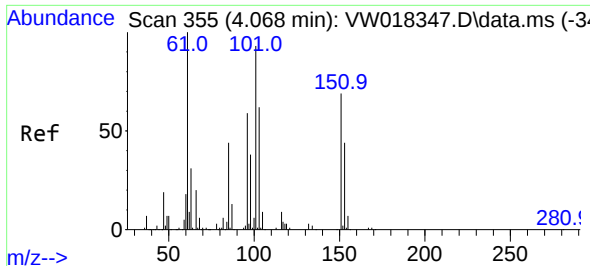
MMDadoda  
3/18/2021 4:12:45 PM



#8  
Diethyl Ether  
Concen: 22.45 ug/l  
RT: 3.678 min Scan# 291  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 74 Resp: 42644  
Ion Ratio Lower Upper  
74 100  
45 80.3 38.4 115.1





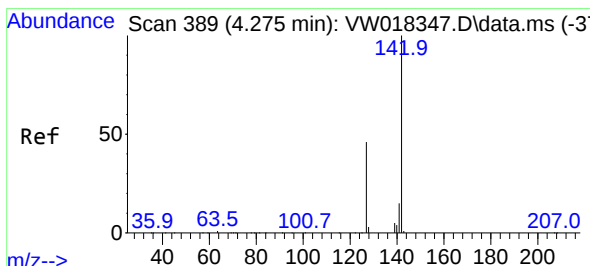
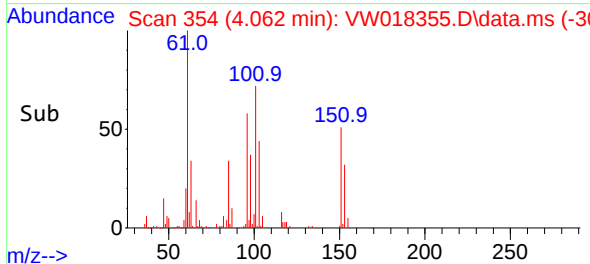
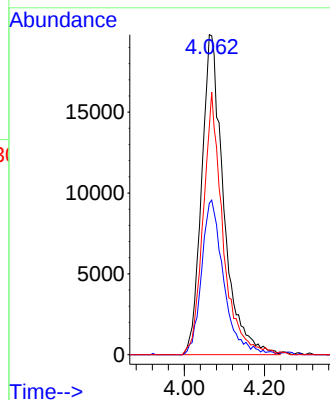
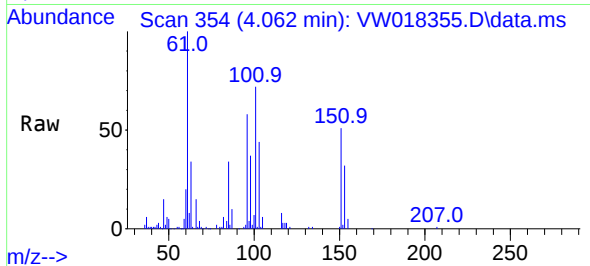
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.28 ug/l  
RT: 4.062 min Scan# 354  
Delta R.T. -0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion:101 Resp: 75659  
Ion Ratio Lower Upper  
101 100  
85 48.7 36.2 54.4  
151 72.8 61.0 91.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

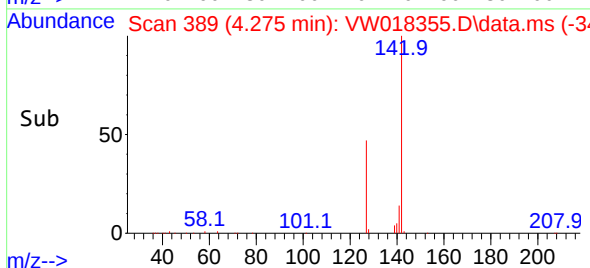
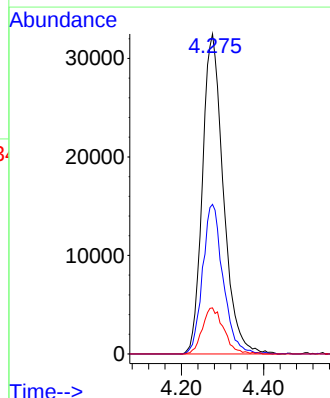
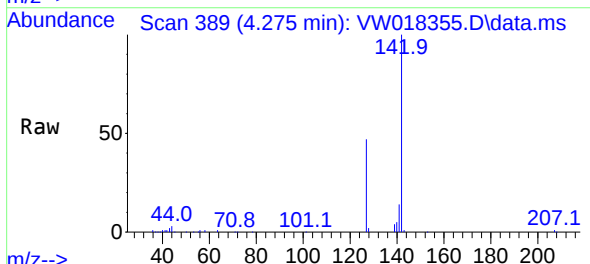
Manual Integrations  
APPROVED

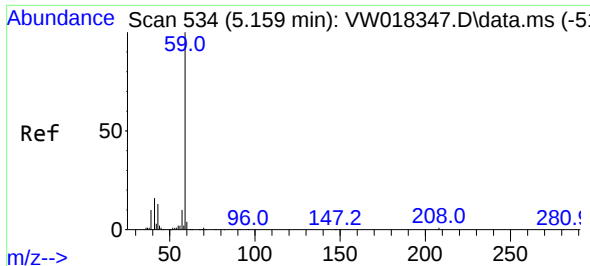
MMDadoda  
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#10  
Methyl Iodide  
Concen: 21.93 ug/l  
RT: 4.275 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion:142 Resp: 114653  
Ion Ratio Lower Upper  
142 100  
127 45.7 39.8 59.6  
141 14.7 11.8 17.6





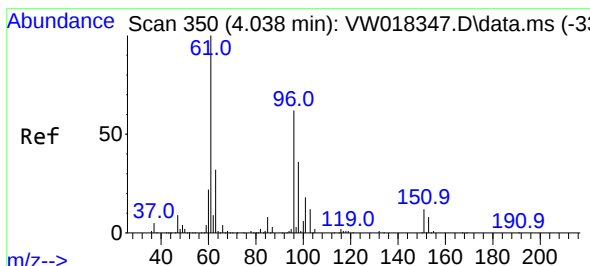
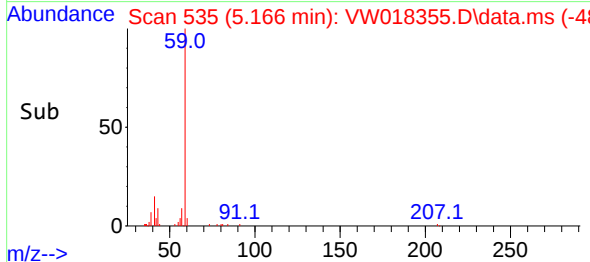
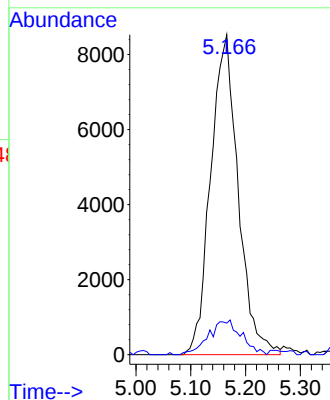
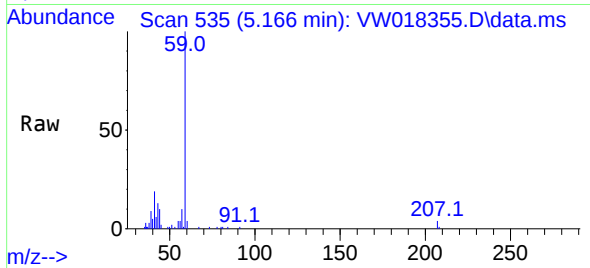
#11  
Tert butyl alcohol  
Concen: 120.25 ug/l  
RT: 5.166 min Scan# 535  
Delta R.T. 0.007 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 59 Resp: 29756  
Ion Ratio Lower Upper  
59 100  
57 12.8 8.4 12.6#

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

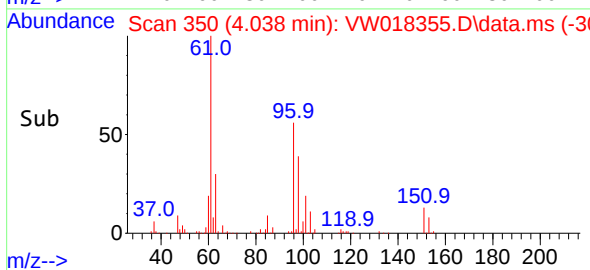
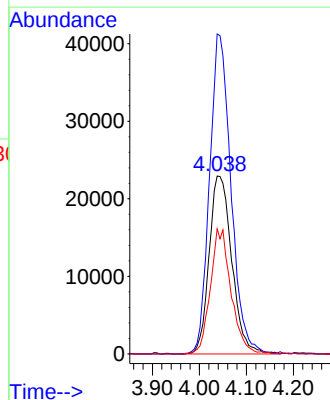
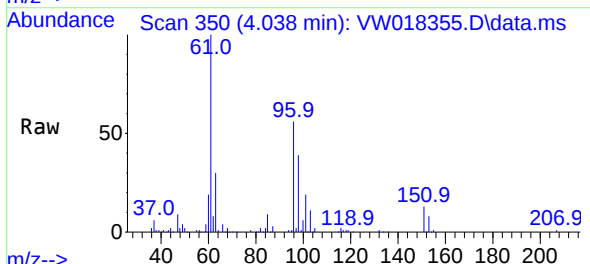
Manual Integrations  
APPROVED

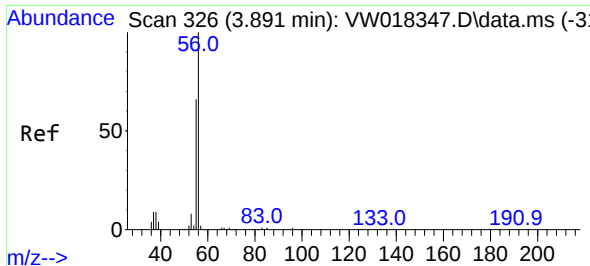
MMDadoda  
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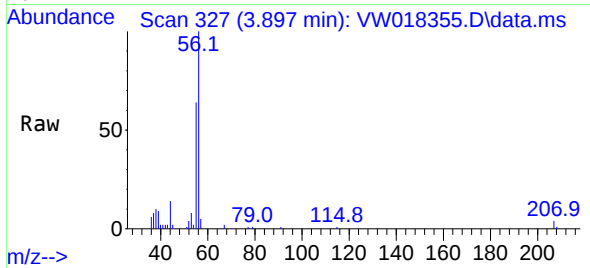
#12  
1,1-Dichloroethene  
Concen: 20.98 ug/l  
RT: 4.038 min Scan# 350  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 96 Resp: 76796  
Ion Ratio Lower Upper  
96 100  
61 179.8 125.4 188.0  
98 70.3 50.6 76.0

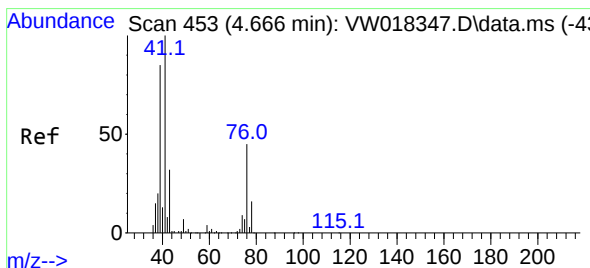
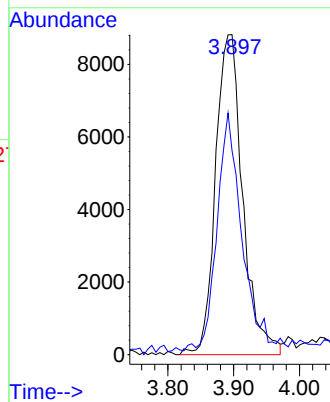
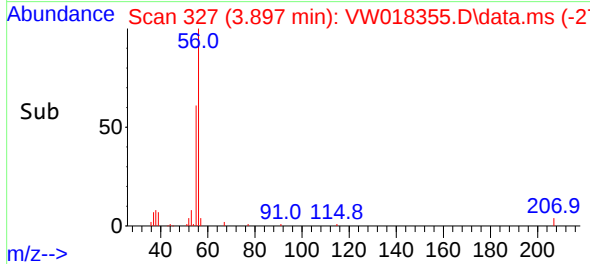




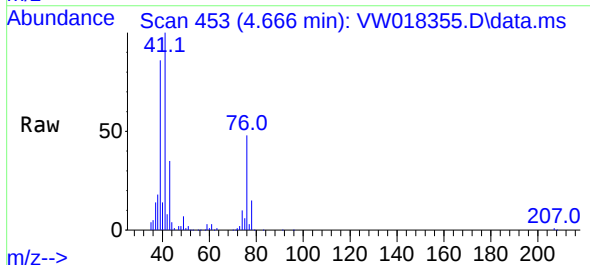
#13  
Acrolein  
Concen: 147.62 ug/l  
RT: 3.897 min Scan# 327  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



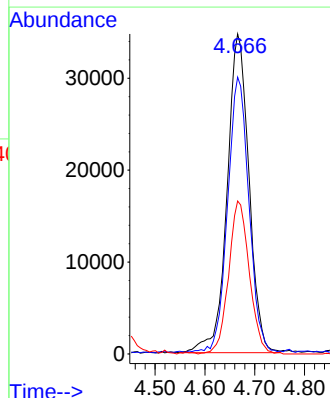
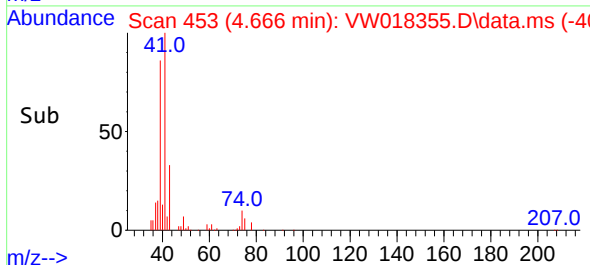
Tgt Ion: 56 Resp: 25341  
Ion Ratio Lower Upper  
56 100  
55 67.6 56.8 85.2



#14  
Allyl chloride  
Concen: 21.20 ug/l  
RT: 4.666 min Scan# 453  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



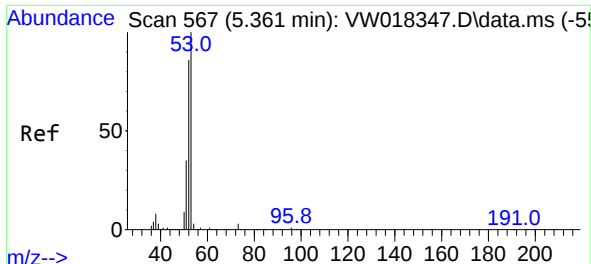
Tgt Ion: 41 Resp: 105715  
Ion Ratio Lower Upper  
41 100  
39 83.9 64.6 96.8  
76 45.5 37.9 56.9



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

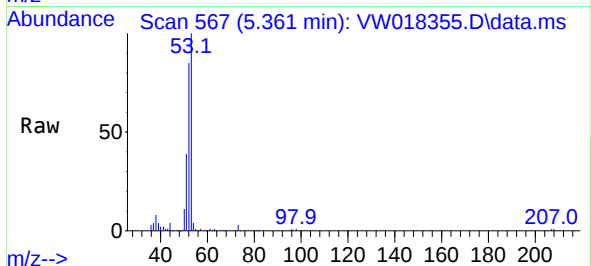
Manual Integrations  
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#15  
Acrylonitrile  
Concen: 111.71 ug/l  
RT: 5.361 min Scan# 567  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

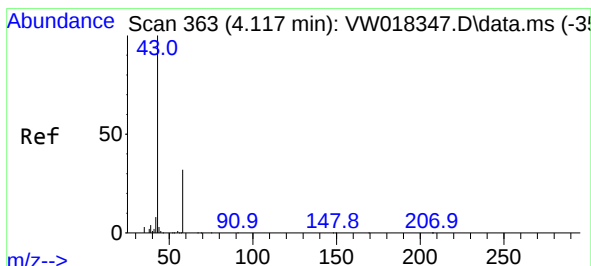
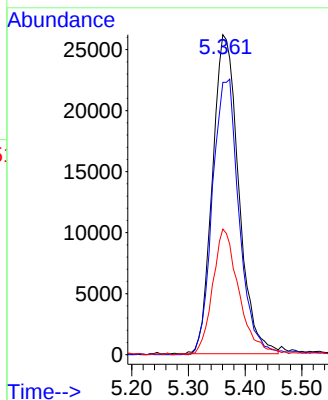
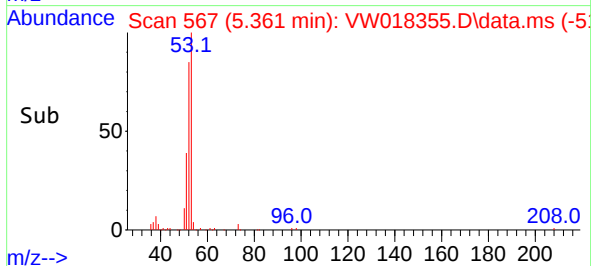
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01



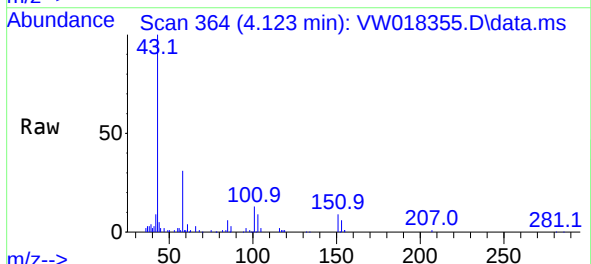
Tgt Ion: 53 Resp: 84007  
Ion Ratio Lower Upper  
53 100  
52 87.8 66.6 99.8  
51 39.8 30.5 45.7

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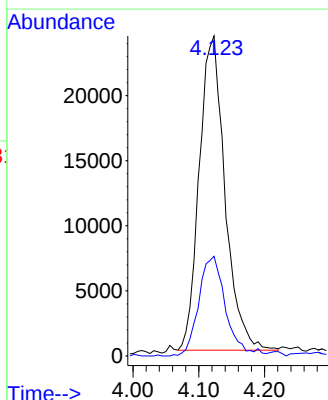
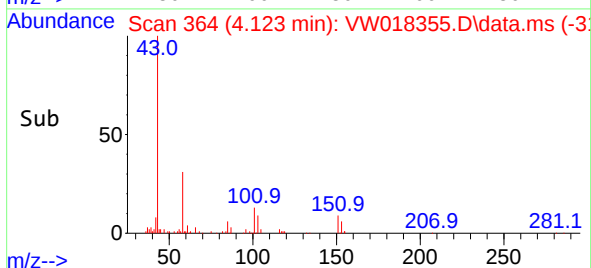
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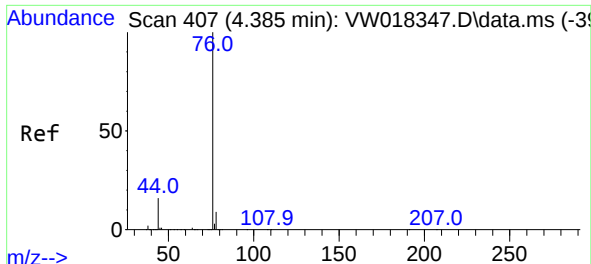


#16  
Acetone  
Concen: 108.32 ug/l  
RT: 4.123 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



Tgt Ion: 43 Resp: 65835  
Ion Ratio Lower Upper  
43 100  
58 31.5 26.9 40.3





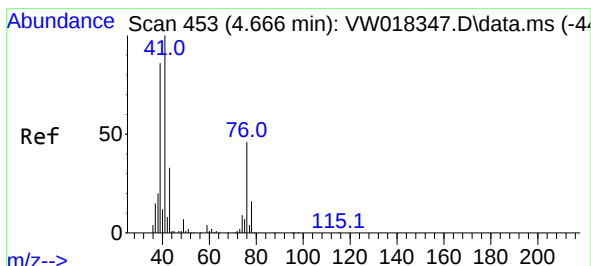
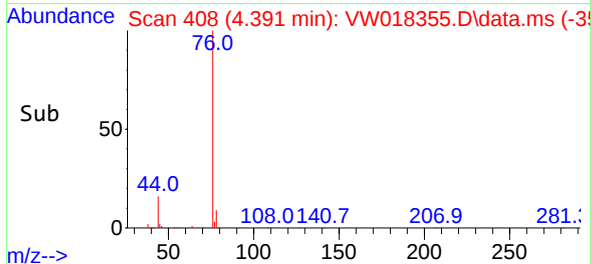
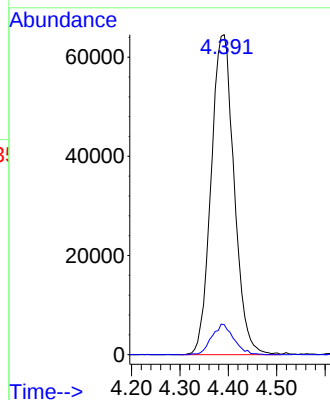
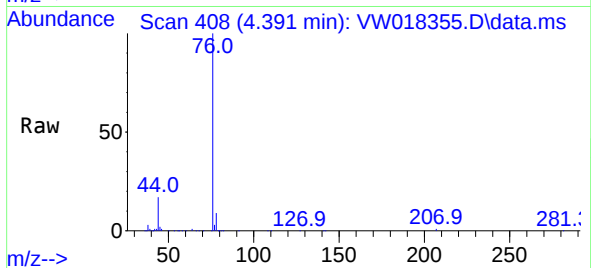
#17  
Carbon Disulfide  
Concen: 22.18 ug/l  
RT: 4.391 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 76 Resp: 213071  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.8 11.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

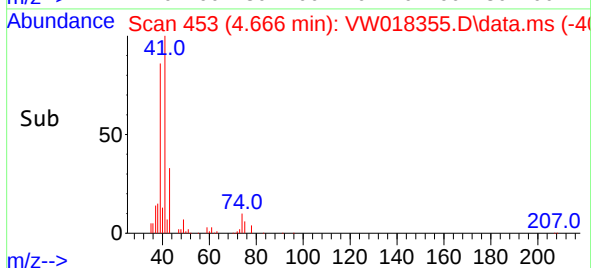
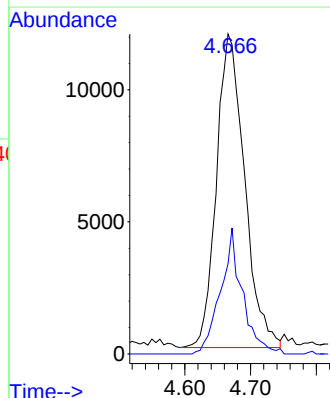
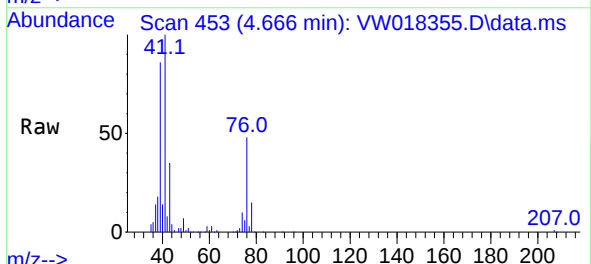
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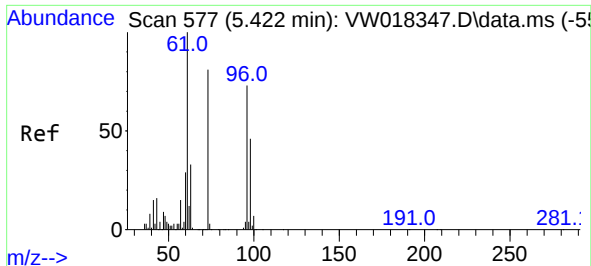
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#18  
Methyl Acetate  
Concen: 22.11 ug/l  
RT: 4.666 min Scan# 453  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 43 Resp: 35290  
Ion Ratio Lower Upper  
43 100  
74 31.1 23.9 35.9





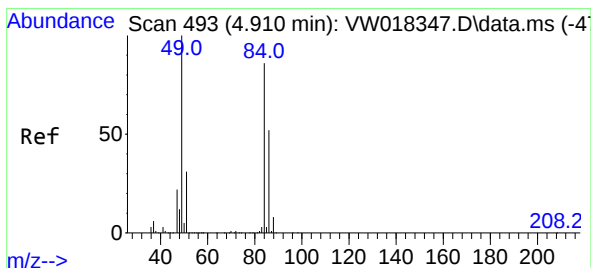
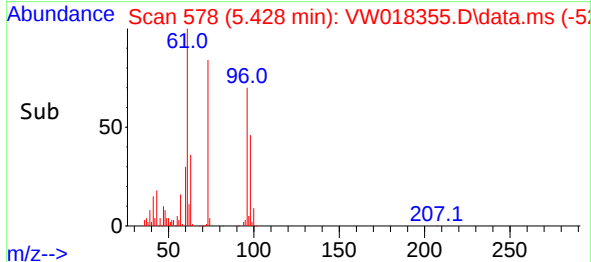
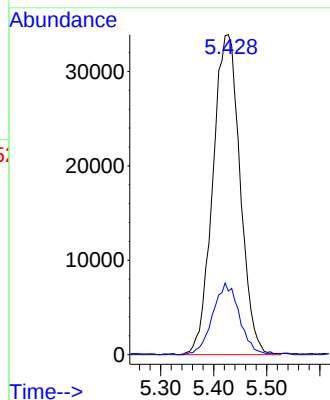
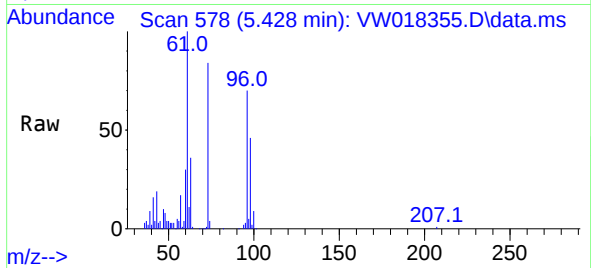
#19  
Methyl tert-butyl Ether  
Concen: 22.08 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 73 Resp: 121267  
Ion Ratio Lower Upper  
73 100  
57 19.9 15.6 23.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

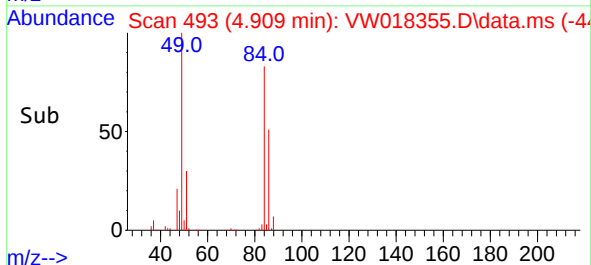
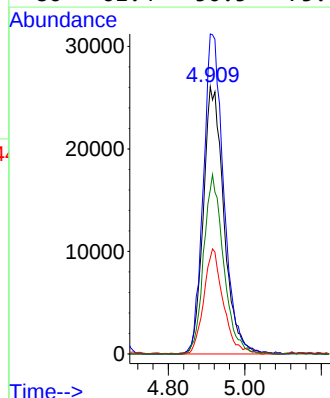
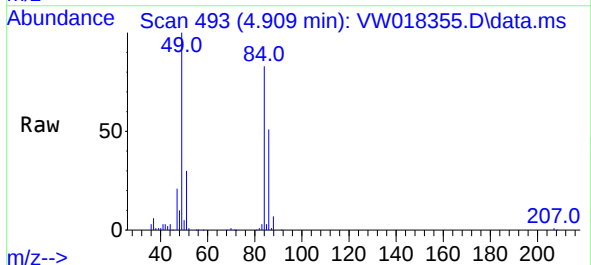
Manual Integrations  
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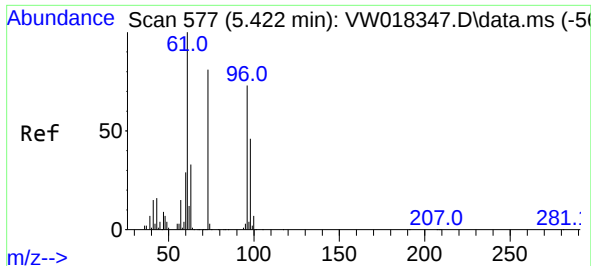
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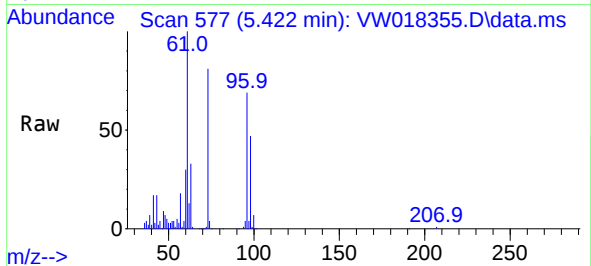
#20  
Methylene Chloride  
Concen: 22.49 ug/l  
RT: 4.909 min Scan# 493  
Delta R.T. -0.001 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 84 Resp: 97618  
Ion Ratio Lower Upper  
84 100  
49 119.8 85.1 127.7  
51 35.9 27.4 41.0  
86 61.4 50.5 75.7



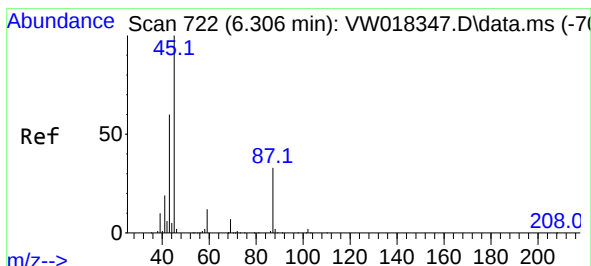
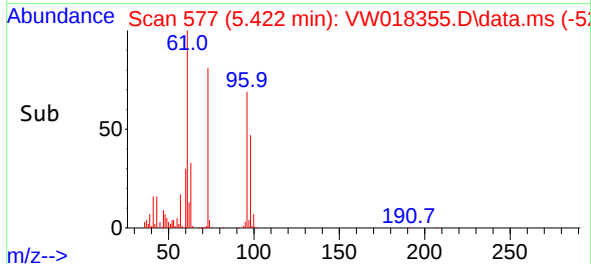
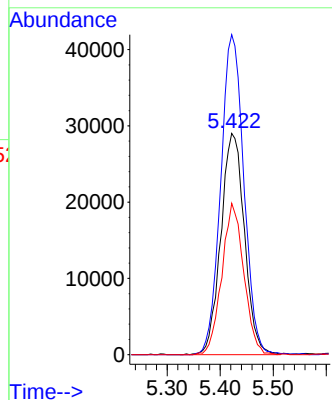


#21  
trans-1,2-Dichloroethene  
Concen: 20.81 ug/l  
RT: 5.422 min Scan# 577  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

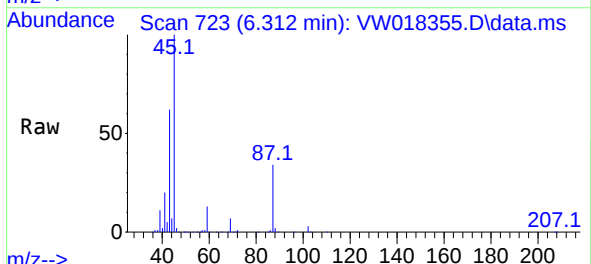


Tgt Ion: 96 Resp: 89579

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 144.6 | 99.2  | 148.8 |
| 98  | 68.4  | 48.2  | 72.4  |

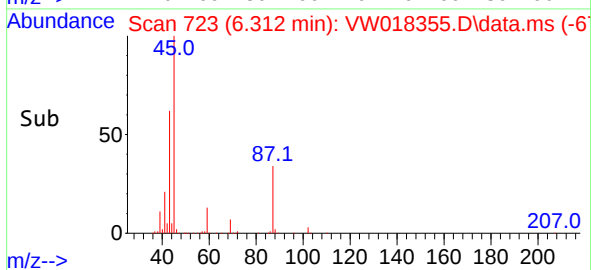
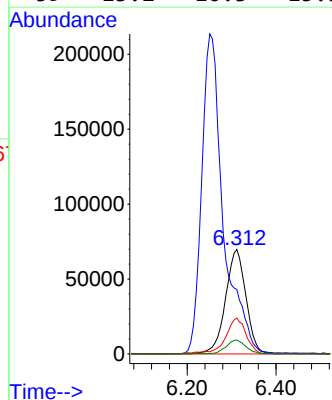


#22  
Diisopropyl ether  
Concen: 21.69 ug/l  
RT: 6.312 min Scan# 723  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



Tgt Ion: 45 Resp: 222207

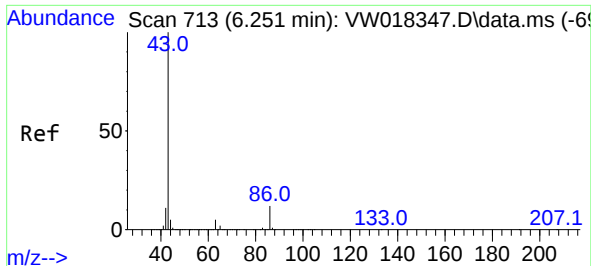
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 61.4  | 47.8  | 71.8  |
| 87  | 34.4  | 27.8  | 41.8  |
| 59  | 13.2  | 10.3  | 15.5  |



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

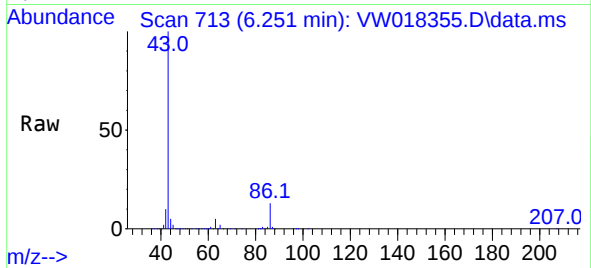
Manual Integrations  
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#23  
 Vinyl Acetate  
 Concen: 113.84 ug/l  
 RT: 6.251 min Scan# 713  
 Delta R.T. -0.000 min  
 Lab File: VW018355.D  
 Acq: 17 Mar 2021 20:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0317SBSD01

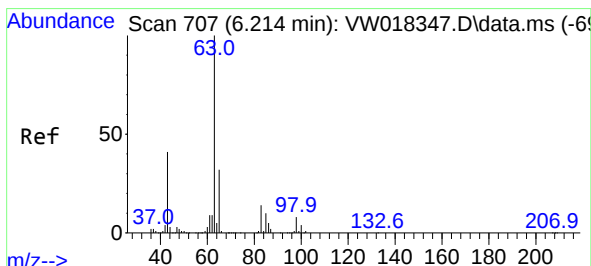
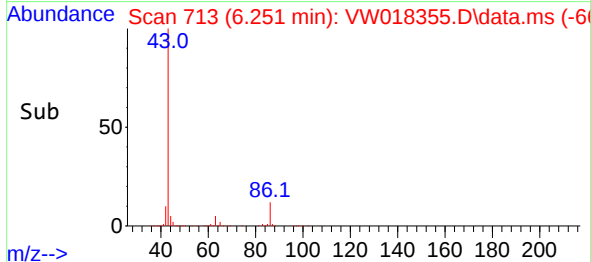
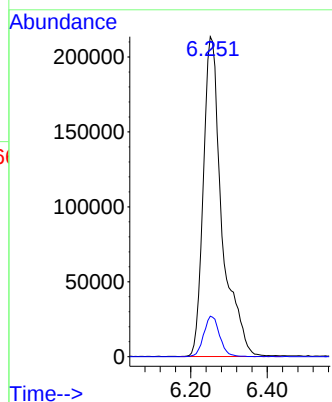


Tgt Ion: 43 Resp: 721501  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 12.7  | 11.0  | 16.6  |

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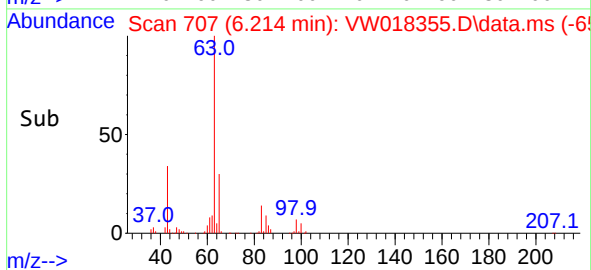
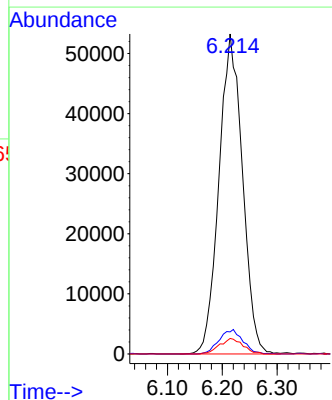
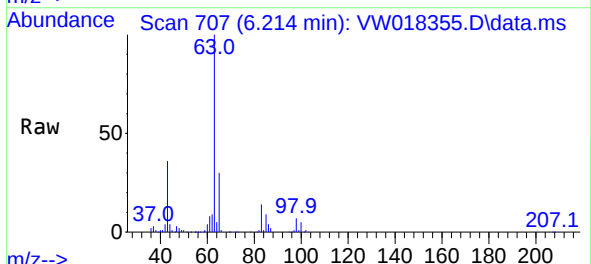
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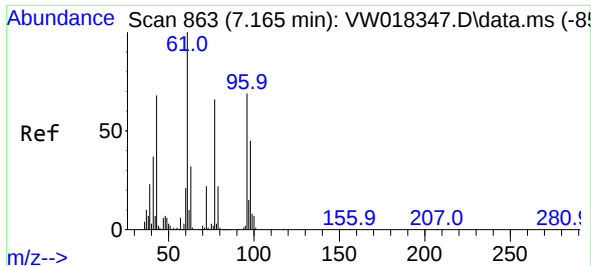


#24  
 1,1-Dichloroethane  
 Concen: 21.56 ug/l  
 RT: 6.214 min Scan# 707  
 Delta R.T. 0.000 min  
 Lab File: VW018355.D  
 Acq: 17 Mar 2021 20:06

Tgt Ion: 63 Resp: 158389  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 6.9   | 3.5   | 10.6  |
| 100 | 4.9   | 2.2   | 6.6   |





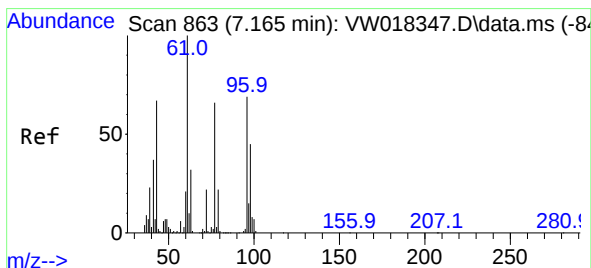
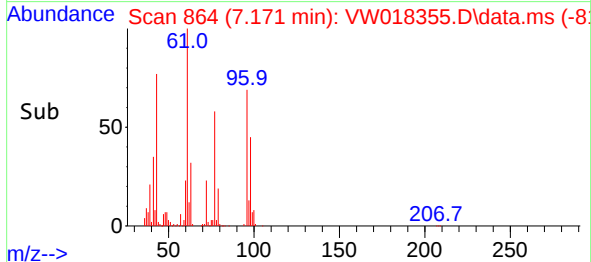
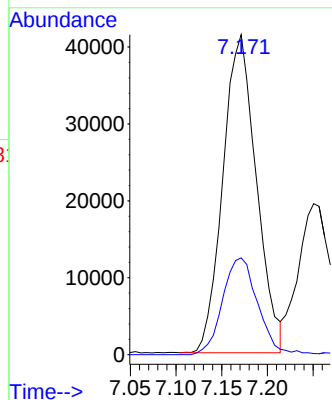
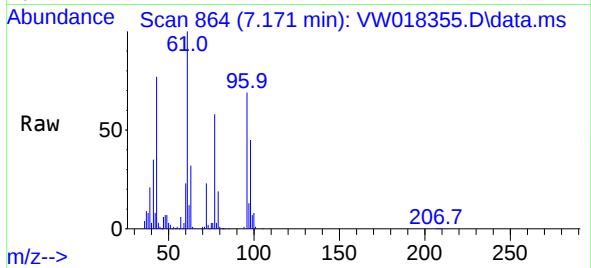
#25  
2-Butanone  
Concen: 117.14 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 43 Resp: 105488  
Ion Ratio Lower Upper  
43 100  
72 30.4 26.6 39.8

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

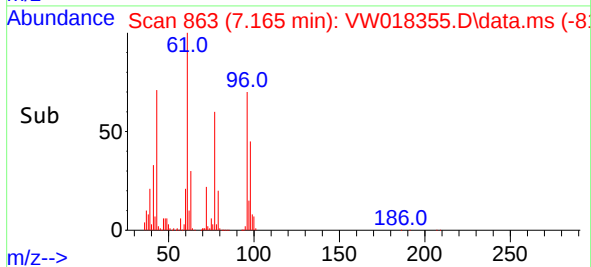
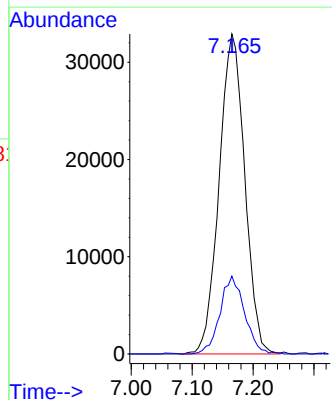
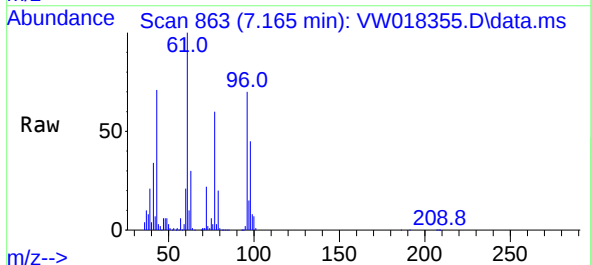
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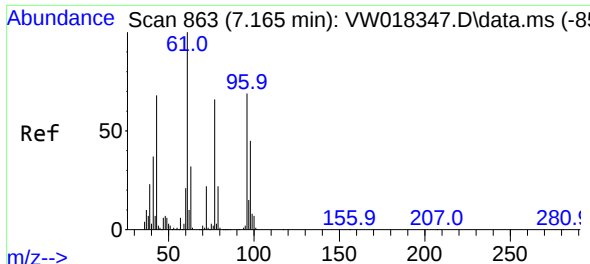
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#26  
2,2-Dichloropropane  
Concen: 20.34 ug/l  
RT: 7.165 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

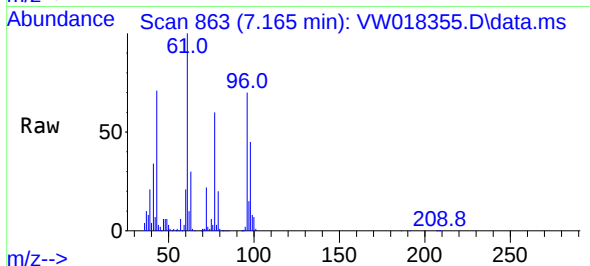
Tgt Ion: 77 Resp: 96056  
Ion Ratio Lower Upper  
77 100  
97 23.3 11.3 33.8





#27  
 cis-1,2-Dichloroethene  
 Concen: 21.53 ug/l  
 RT: 7.165 min Scan# 863  
 Delta R.T. 0.000 min  
 Lab File: VW018355.D  
 Acq: 17 Mar 2021 20:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0317SBSD01

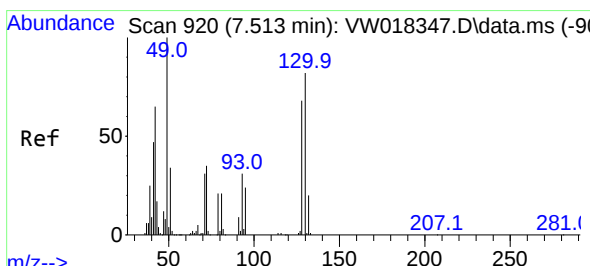
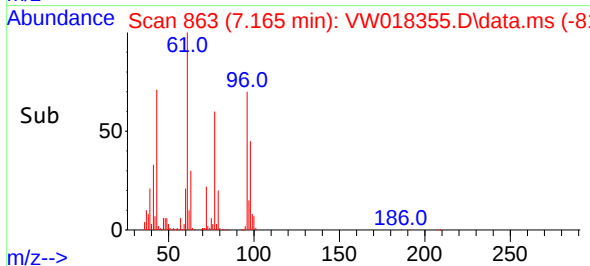
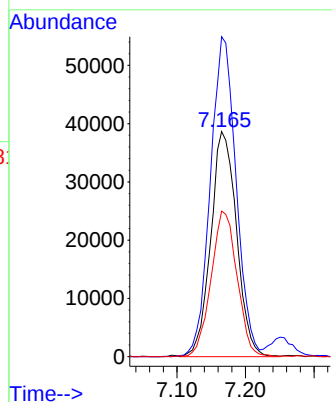


Tgt Ion: 96 Resp: 101041  

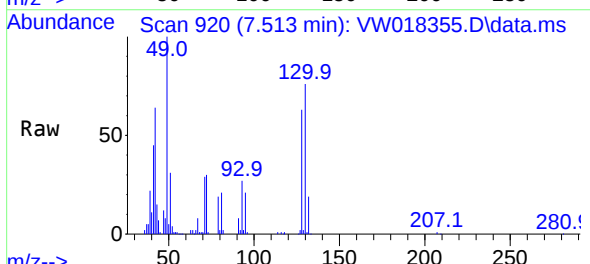
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 141.8 | 0.0   | 261.4 |
| 98  | 65.2  | 0.0   | 129.8 |

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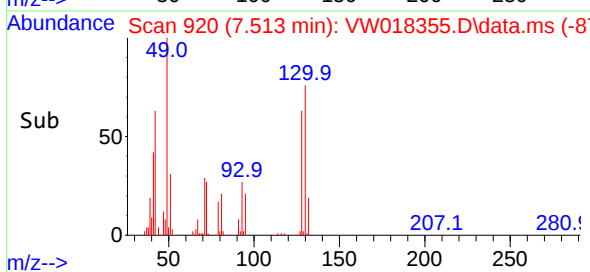
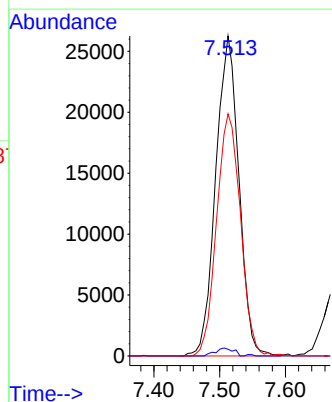


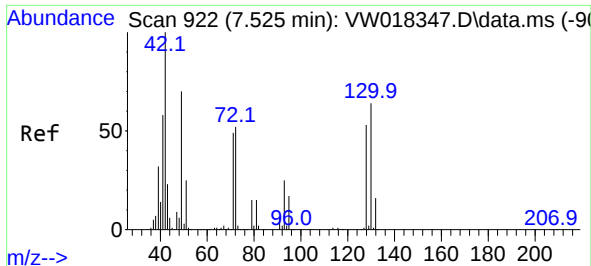
#28  
 Bromochloromethane  
 Concen: 22.44 ug/l  
 RT: 7.513 min Scan# 920  
 Delta R.T. -0.000 min  
 Lab File: VW018355.D  
 Acq: 17 Mar 2021 20:06



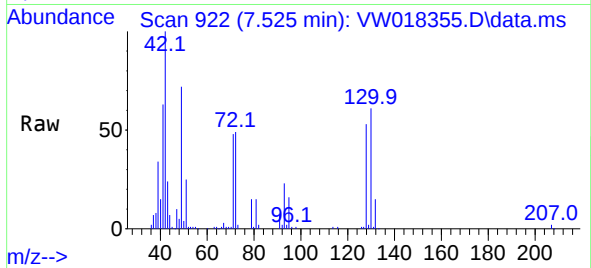
Tgt Ion: 49 Resp: 64409  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.9   | 0.0   | 5.0   |
| 130 | 78.0  | 73.9  | 110.9 |



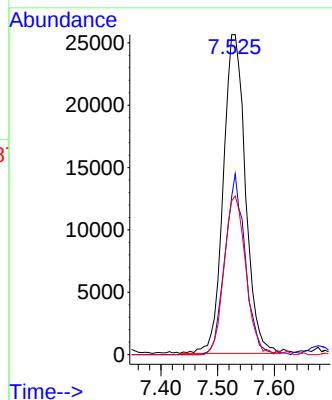


#29  
Tetrahydrofuran  
Concen: 118.99 ug/l  
RT: 7.525 min Scan# 922  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



Tgt Ion: 42 Resp: 69534  

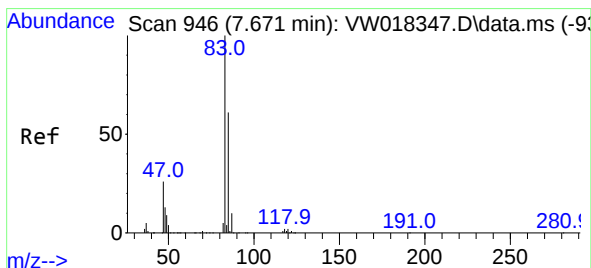
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 51.6  | 44.5  | 66.7  |
| 71  | 48.5  | 41.7  | 62.5  |



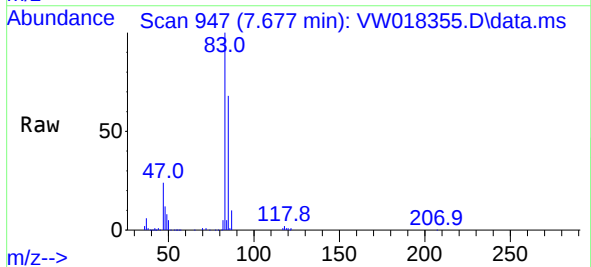
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

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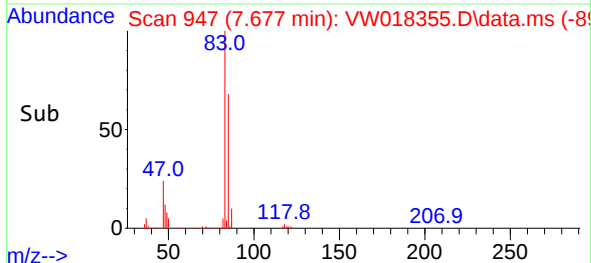
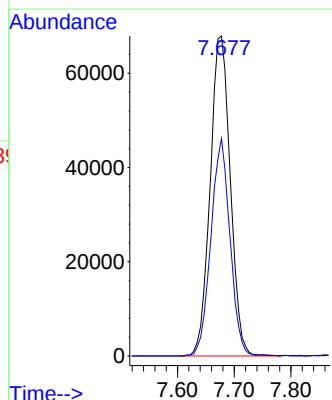


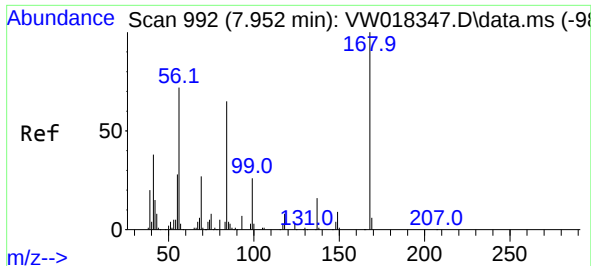
#30  
Chloroform  
Concen: 21.60 ug/l  
RT: 7.677 min Scan# 947  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



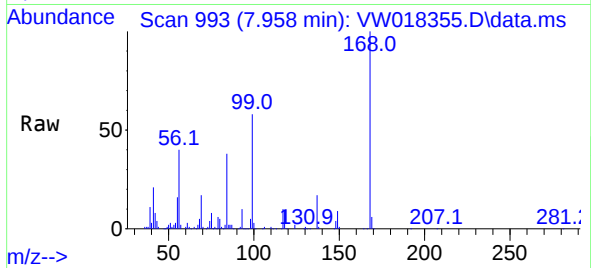
Tgt Ion: 83 Resp: 167287  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 68.0  | 52.6  | 78.8  |

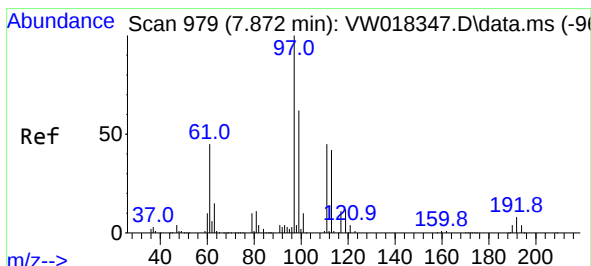
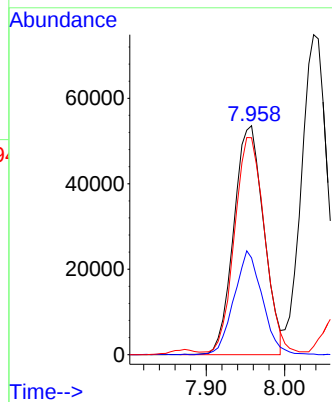
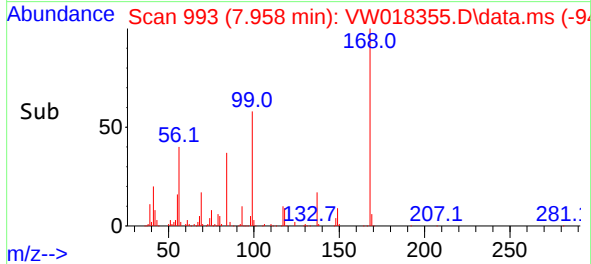




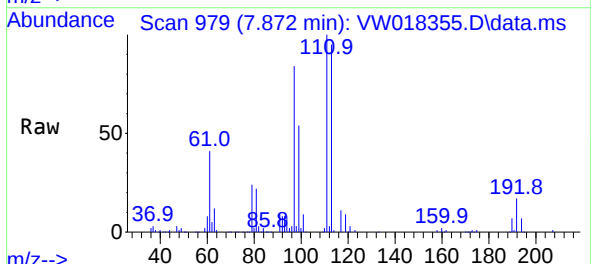
#31  
Cyclohexane  
Concen: 20.50 ug/l  
RT: 7.958 min Scan# 993  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



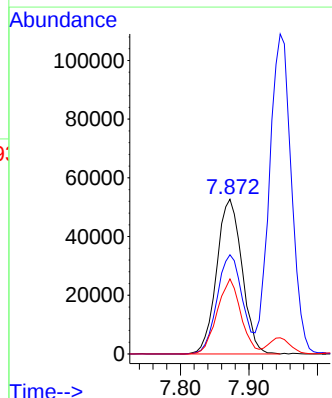
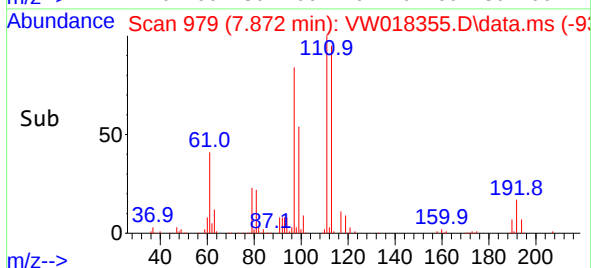
Tgt Ion: 56 Resp: 142719  
Ion Ratio Lower Upper  
56 100  
69 42.2 29.9 44.9  
84 92.8 83.8 125.6



#32  
1,1,1-Trichloroethane  
Concen: 21.45 ug/l  
RT: 7.872 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



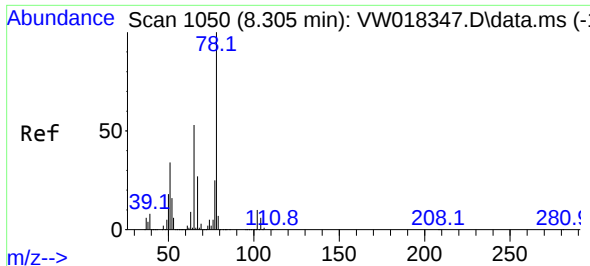
Tgt Ion: 97 Resp: 135097  
Ion Ratio Lower Upper  
97 100  
99 65.0 51.8 77.6  
61 45.5 34.6 52.0



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

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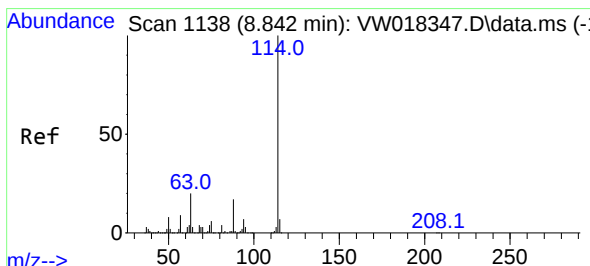
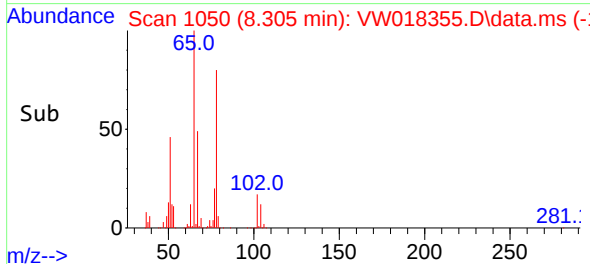
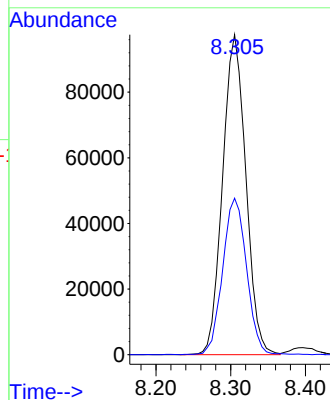
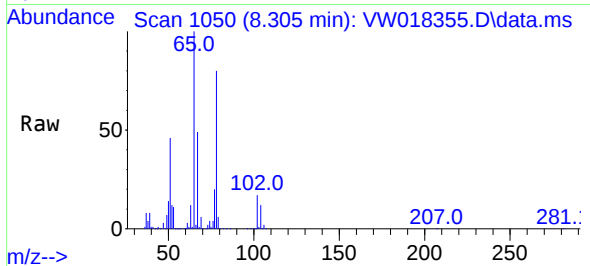
#33  
1,2-Dichloroethane-d4  
Concen: 51.87 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 65 Resp: 210903  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 96.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

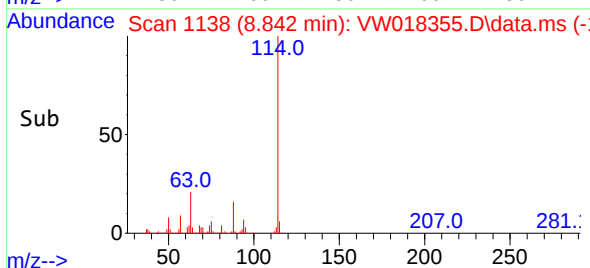
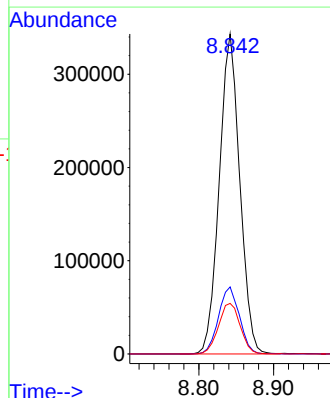
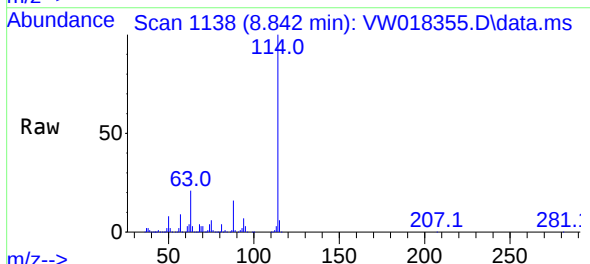
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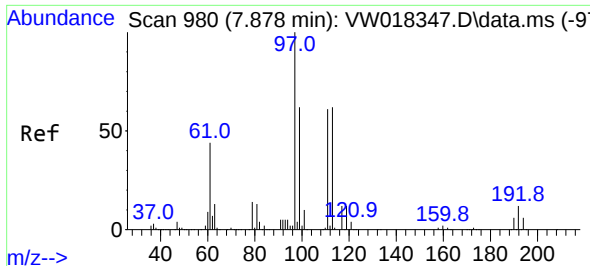
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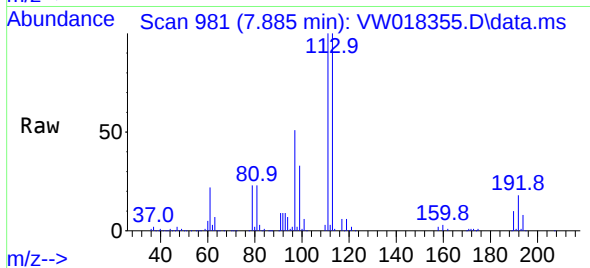
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 114 Resp: 655425  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 40.4  
88 15.8 0.0 32.0

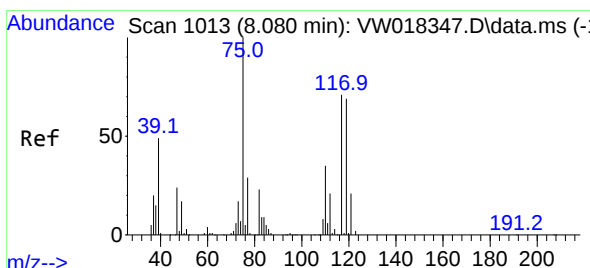
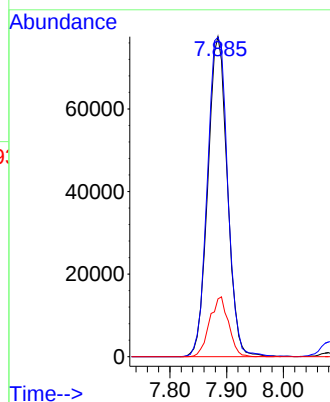
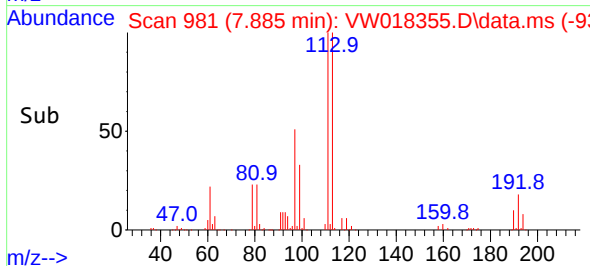




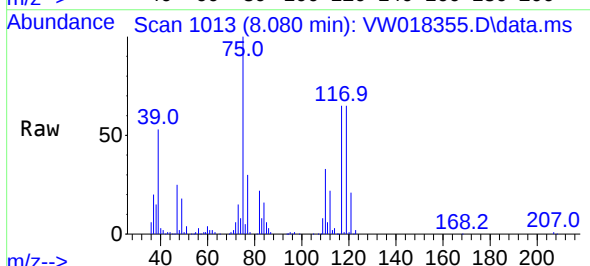
#35  
Dibromofluoromethane  
Concen: 48.44 ug/l  
RT: 7.885 min Scan# 981  
Delta R.T. 0.007 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



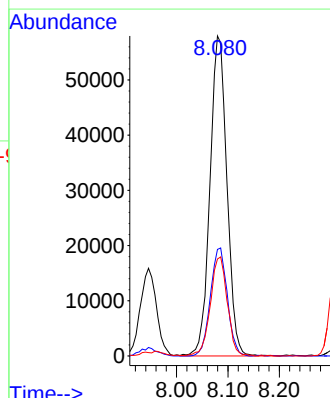
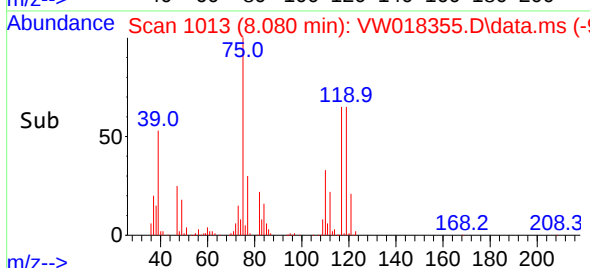
Tgt Ion: 113 Resp: 185036  
Ion Ratio Lower Upper  
113 100  
111 104.1 83.6 125.4  
192 18.2 13.8 20.8



#36  
1,1-Dichloropropene  
Concen: 20.54 ug/l  
RT: 8.080 min Scan# 1013  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



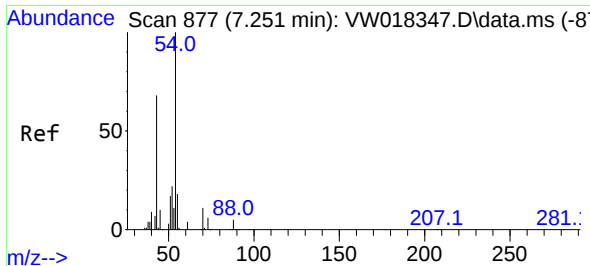
Tgt Ion: 75 Resp: 133019  
Ion Ratio Lower Upper  
75 100  
110 33.6 17.2 51.6  
77 31.0 24.6 37.0



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

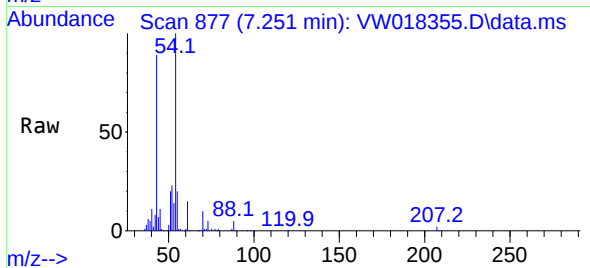
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#37  
Ethyl Acetate  
Concen: 22.91 ug/l  
RT: 7.251 min Scan# 877  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

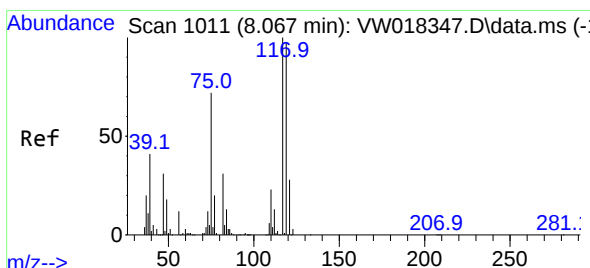
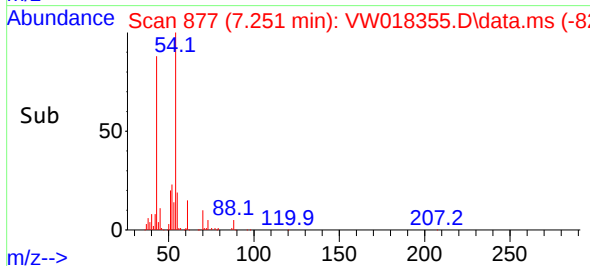
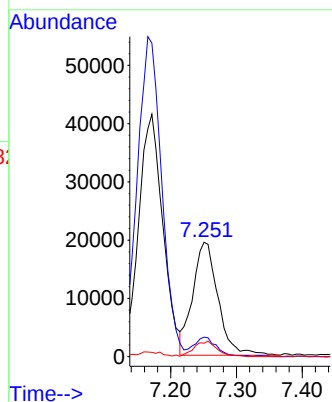


Tgt Ion: 43 Resp: 51877

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.1  | 12.6  | 19.0  |
| 70  | 12.6  | 9.8   | 14.6  |

Manual Integrations  
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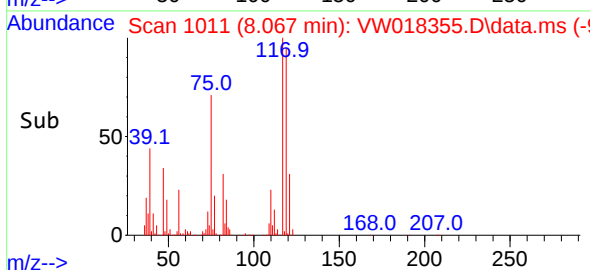
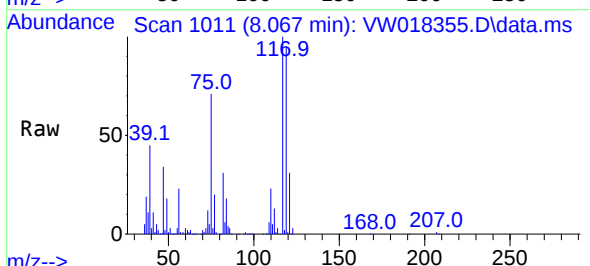
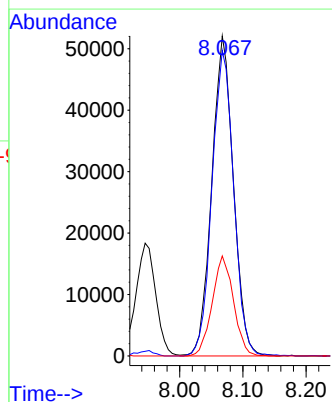
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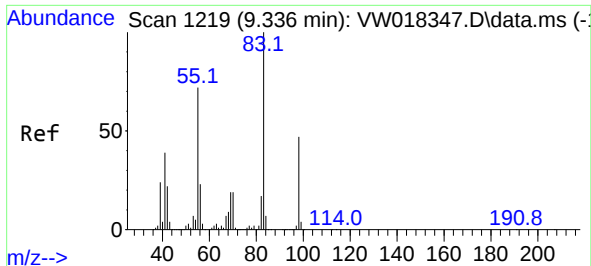


#38  
Carbon Tetrachloride  
Concen: 20.34 ug/l  
RT: 8.067 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 117 Resp: 123100

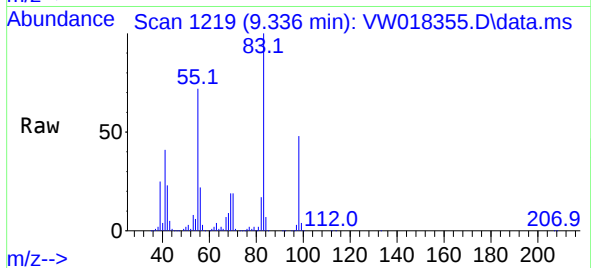
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.5  | 74.5  | 111.7 |
| 121 | 31.2  | 20.3  | 30.5  |





#39  
Methylcyclohexane  
Concen: 20.27 ug/l  
RT: 9.336 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

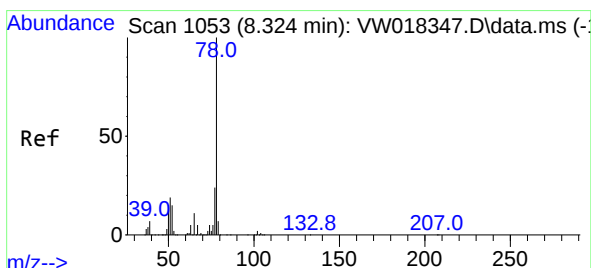
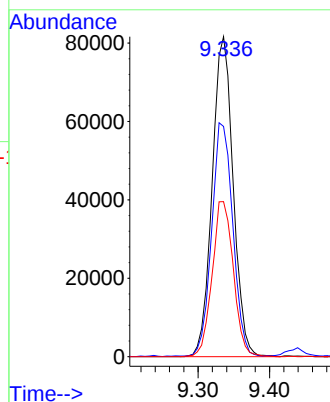
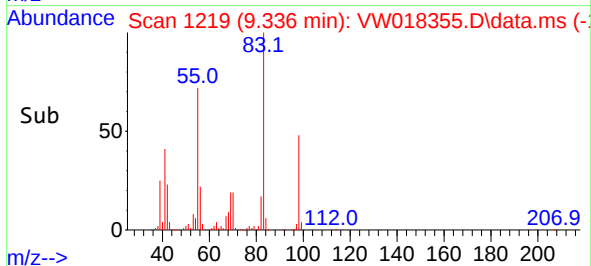
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01



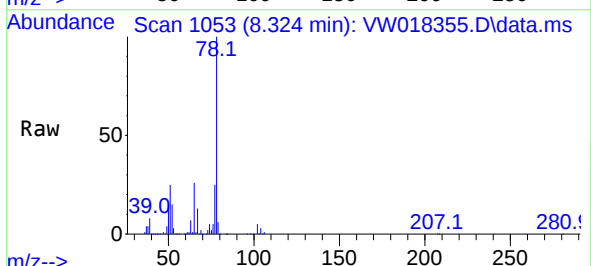
Tgt Ion: 83 Resp: 166212  
Ion Ratio Lower Upper  
83 100  
55 71.7 55.0 82.6  
98 48.4 38.6 57.8

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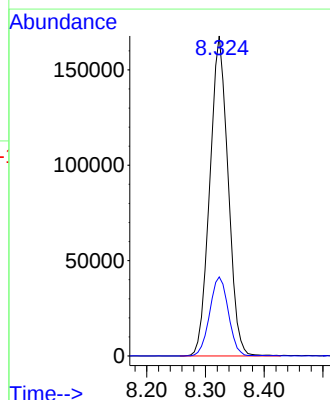
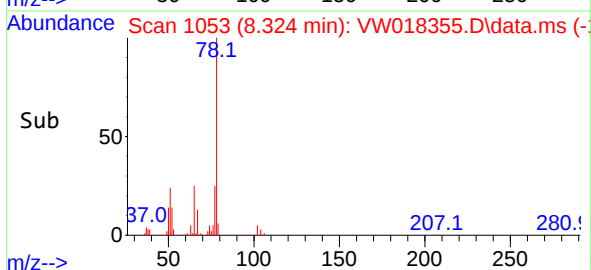
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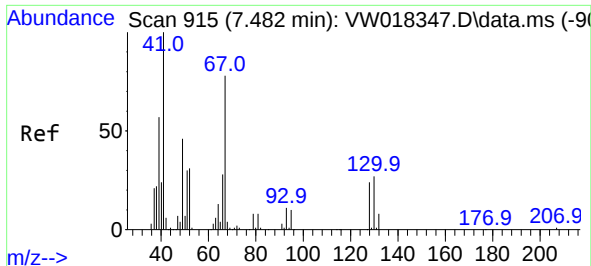


#40  
Benzene  
Concen: 20.94 ug/l  
RT: 8.324 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



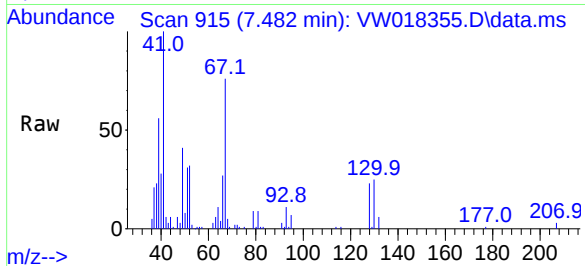
Tgt Ion: 78 Resp: 362972  
Ion Ratio Lower Upper  
78 100  
77 24.7 19.5 29.3





#41  
Methacrylonitrile  
Concen: 20.27 ug/l  
RT: 7.482 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

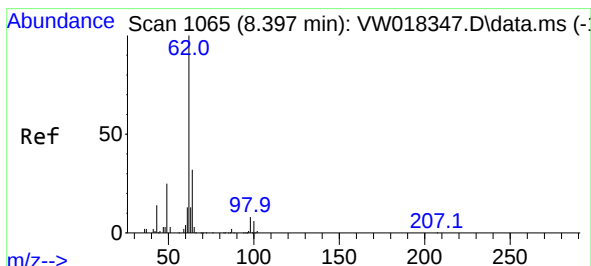
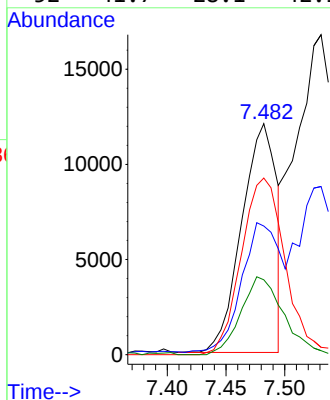
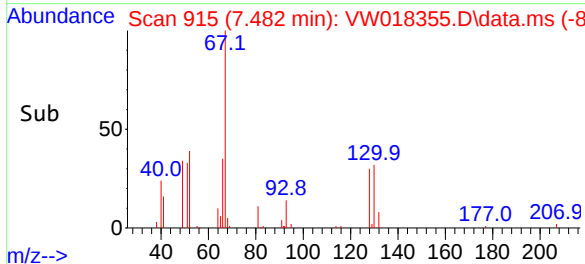


Tgt Ion: 41 Resp: 24833

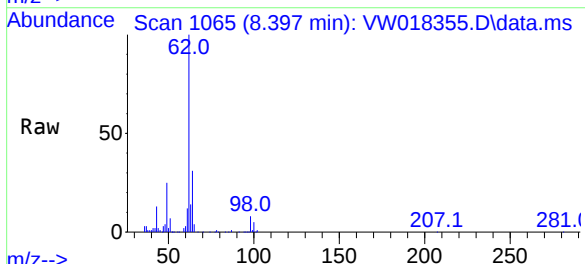
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 64.1  | 44.6  | 67.0  |
| 67  | 98.1  | 66.1  | 99.1  |
| 52  | 41.7  | 28.1  | 42.1  |

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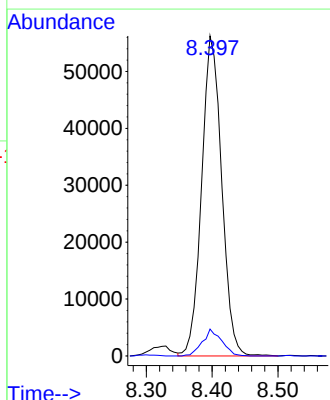
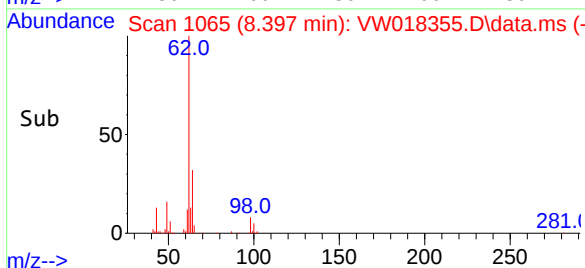


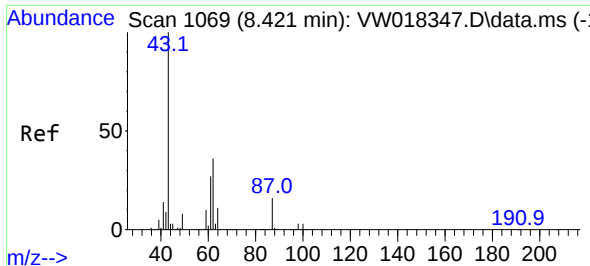
#42  
1,2-Dichloroethane  
Concen: 21.91 ug/l  
RT: 8.397 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



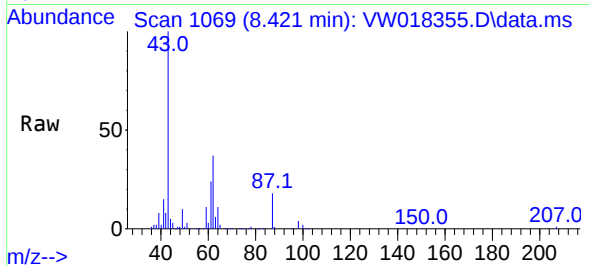
Tgt Ion: 62 Resp: 119288

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.1   | 0.0   | 17.2  |

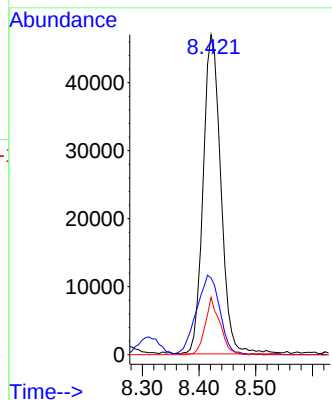
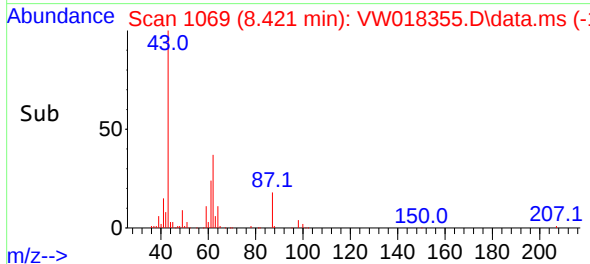




#43  
Isopropyl Acetate  
Concen: 22.40 ug/l  
RT: 8.421 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



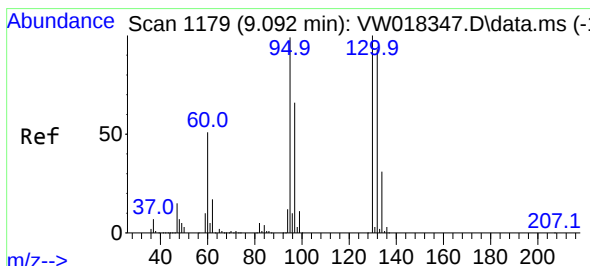
Tgt Ion: 43 Resp: 101841  
Ion Ratio Lower Upper  
43 100  
61 32.8 29.0 43.4  
87 15.0 13.0 19.4



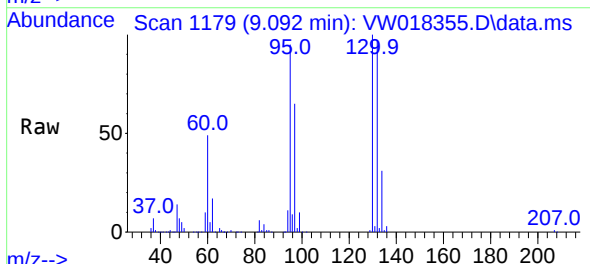
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

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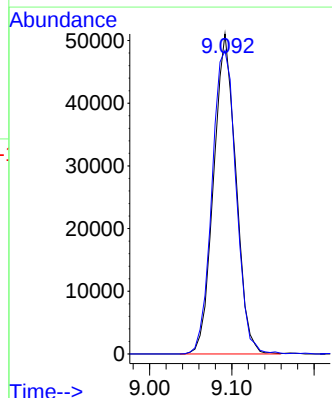
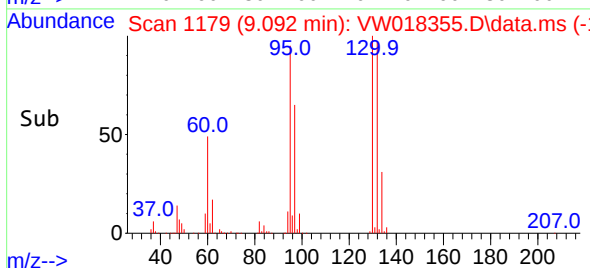
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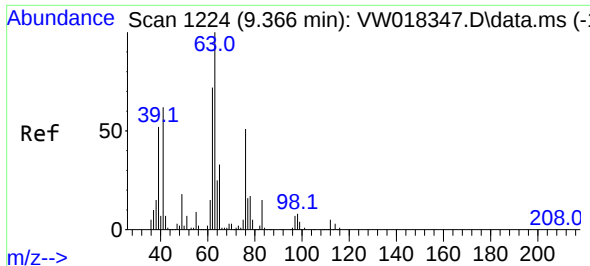


#44  
Trichloroethene  
Concen: 20.56 ug/l  
RT: 9.092 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

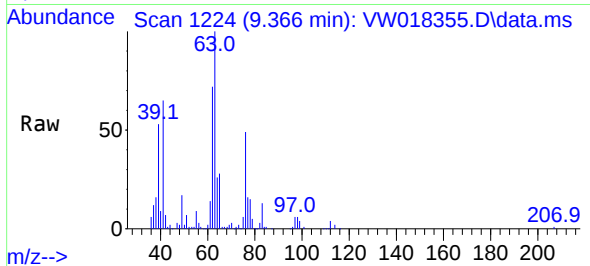


Tgt Ion:130 Resp: 95995  
Ion Ratio Lower Upper  
130 100  
95 94.8 0.0 200.6

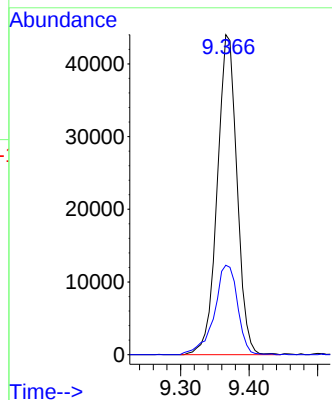
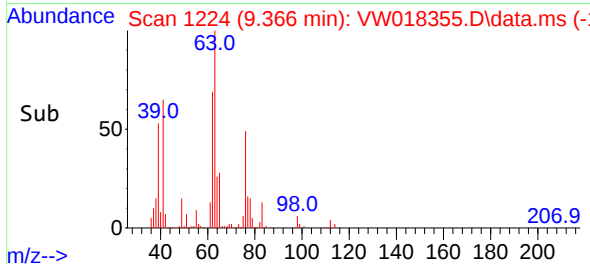




#45  
1,2-Dichloropropane  
Concen: 20.94 ug/l  
RT: 9.366 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



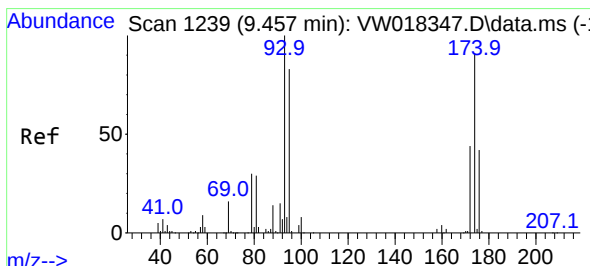
Tgt Ion: 63 Resp: 87729  
Ion Ratio Lower Upper  
63 100  
65 28.0 25.4 38.2



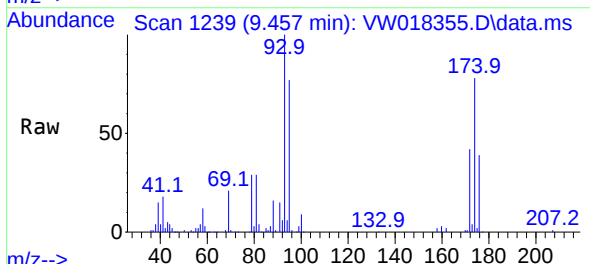
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

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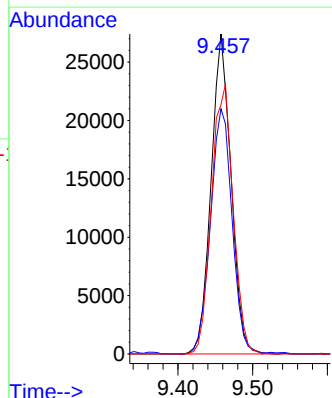
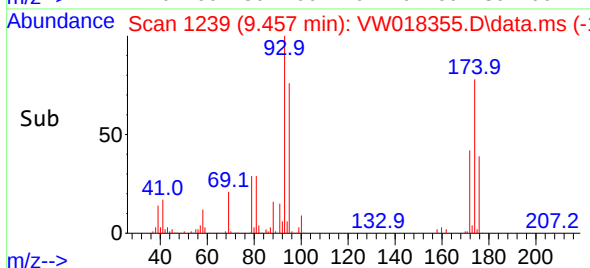
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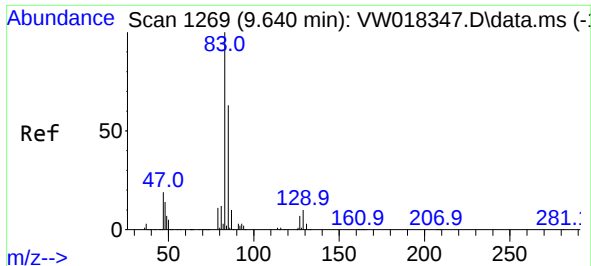


#46  
Dibromomethane  
Concen: 21.71 ug/l  
RT: 9.457 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



Tgt Ion: 93 Resp: 50794  
Ion Ratio Lower Upper  
93 100  
95 82.8 66.3 99.5  
174 91.6 73.1 109.7





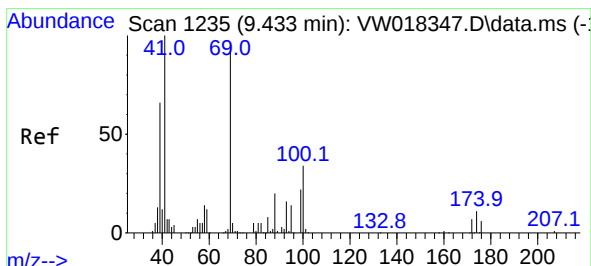
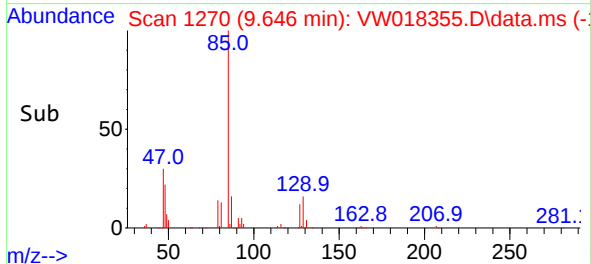
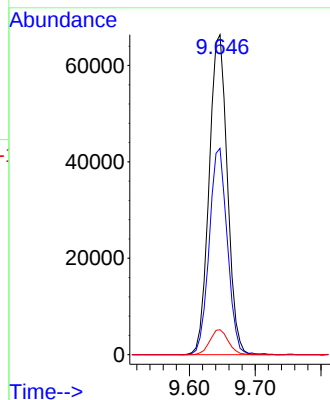
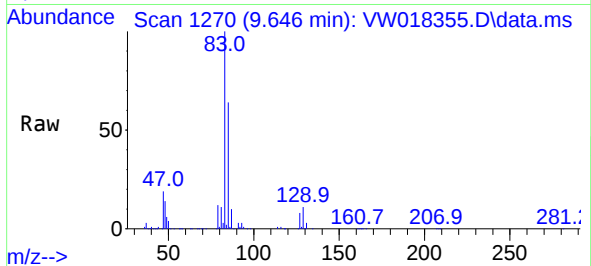
#47  
Bromodichloromethane  
Concen: 21.04 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 83 Resp: 128039  
Ion Ratio Lower Upper  
83 100  
85 64.5 53.1 79.7  
127 7.8 6.3 9.5

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

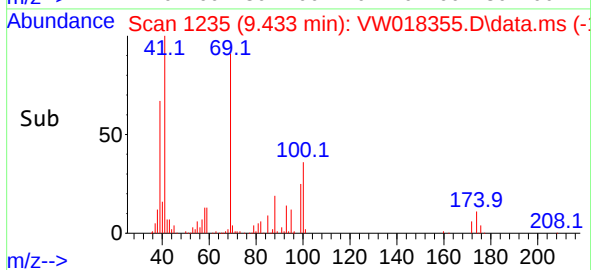
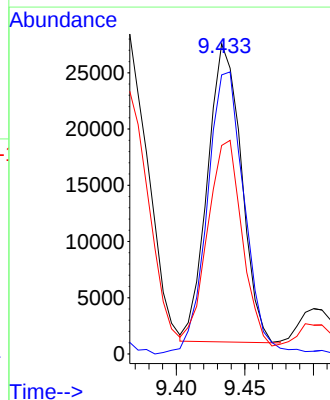
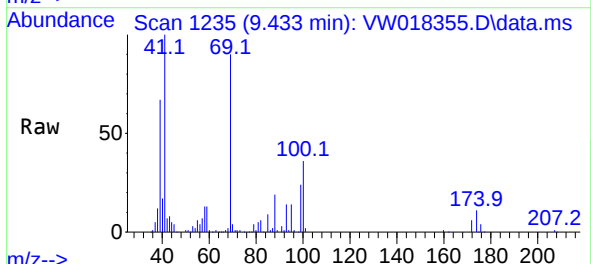
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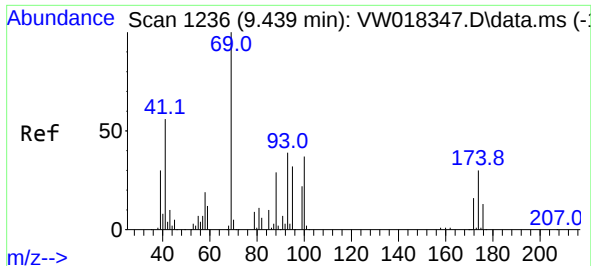
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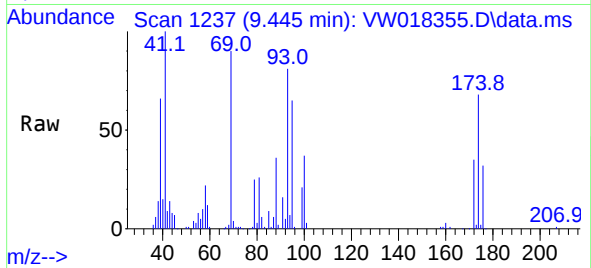
#48  
Methyl methacrylate  
Concen: 21.14 ug/l  
RT: 9.433 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 41 Resp: 45559  
Ion Ratio Lower Upper  
41 100  
69 104.3 82.1 123.1  
39 70.2 50.4 75.6

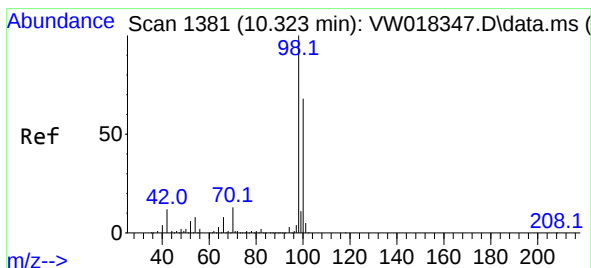
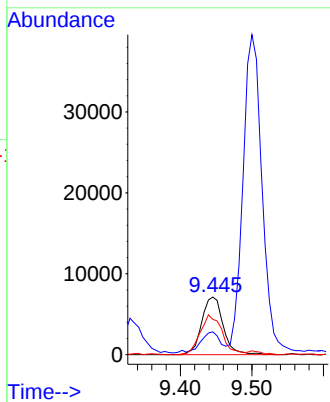
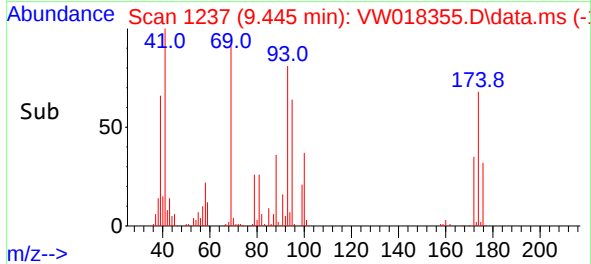




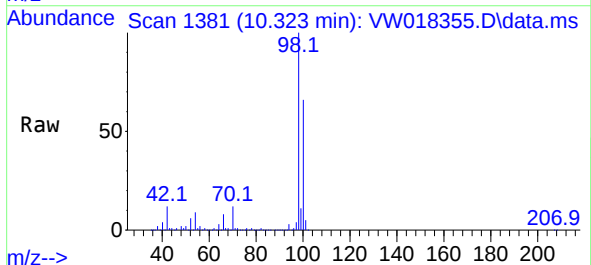
#49  
1,4-Dioxane  
Concen: 437.47 ug/l  
RT: 9.445 min Scan# 1237  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



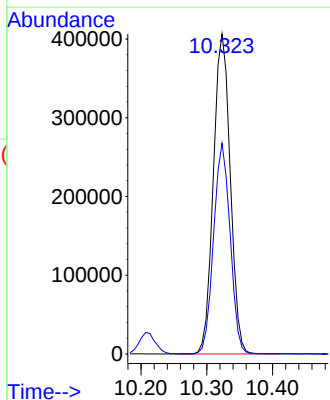
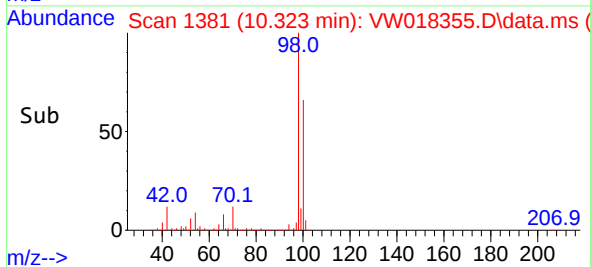
Tgt Ion: 88 Resp: 14849  
Ion Ratio Lower Upper  
88 100  
43 33.1 25.5 38.3  
58 70.7 51.3 76.9



#50  
Toluene-d8  
Concen: 47.85 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



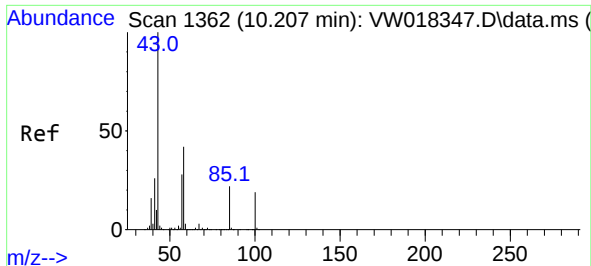
Tgt Ion: 98 Resp: 726833  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.8 77.8



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

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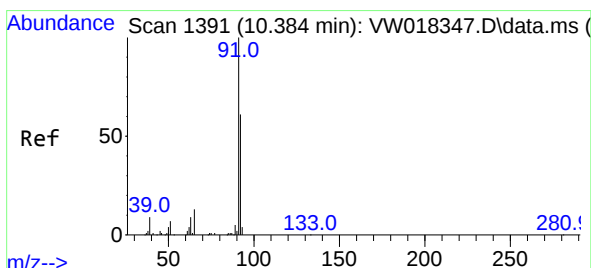
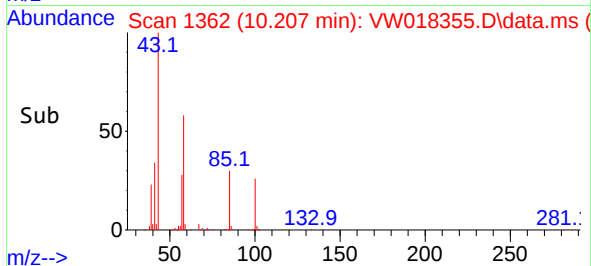
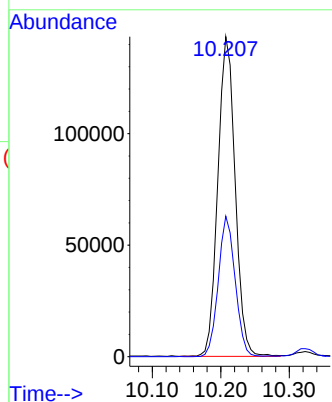
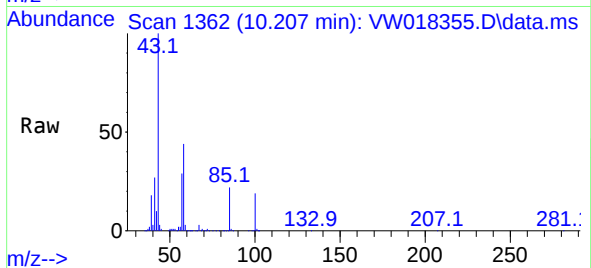
#51  
4-Methyl-2-Pentanone  
Concen: 112.82 ug/l  
RT: 10.207 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 43 Resp: 250439  
Ion Ratio Lower Upper  
43 100  
58 42.8 35.4 53.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

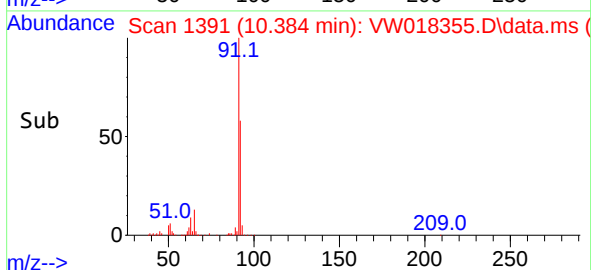
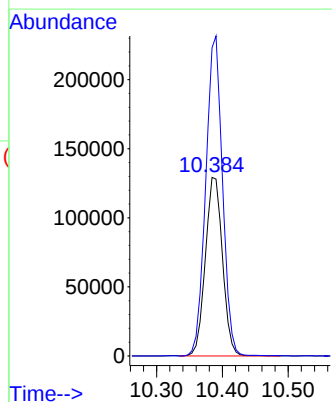
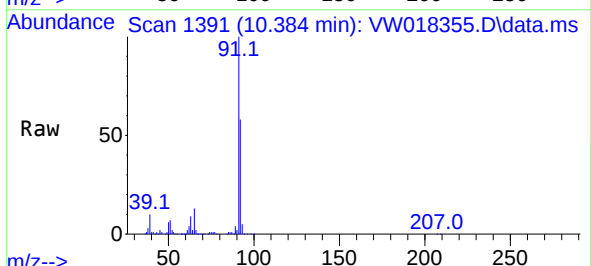
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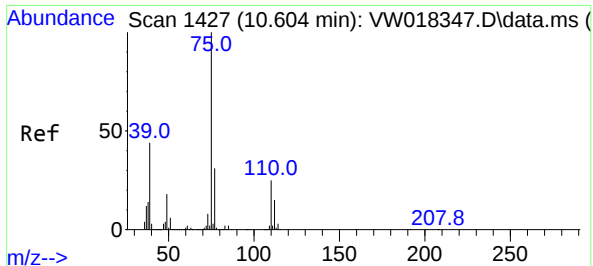
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#52  
Toluene  
Concen: 20.49 ug/l  
RT: 10.384 min Scan# 1391  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 92 Resp: 234269  
Ion Ratio Lower Upper  
92 100  
91 175.2 136.6 205.0





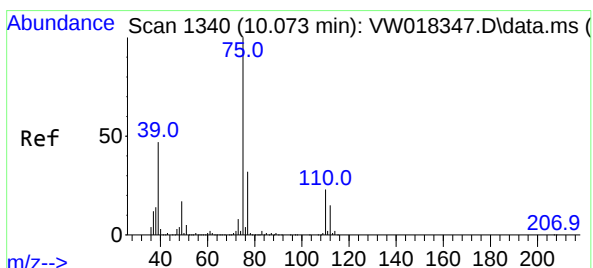
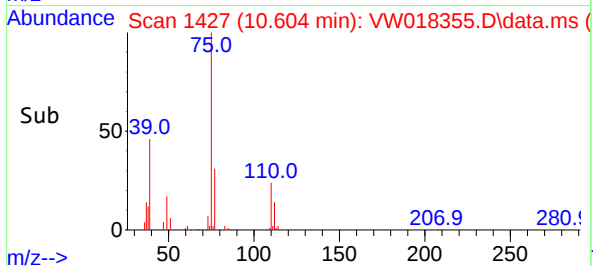
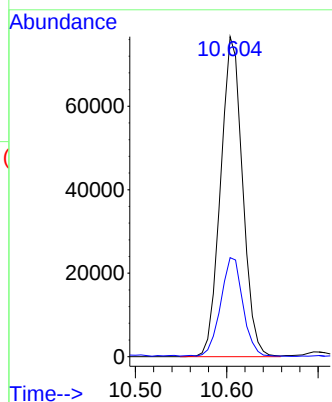
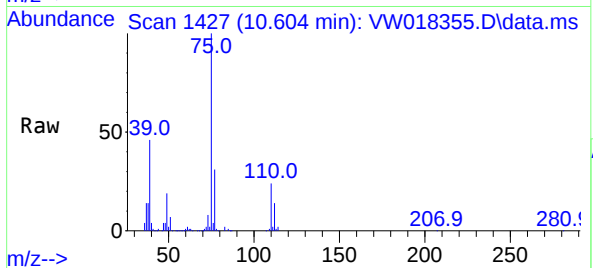
#53  
t-1,3-Dichloropropene  
Concen: 20.70 ug/l  
RT: 10.604 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 75 Resp: 128312  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.8 38.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

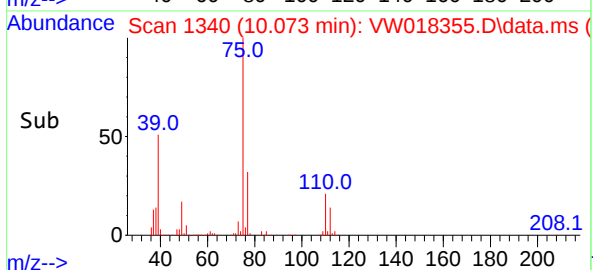
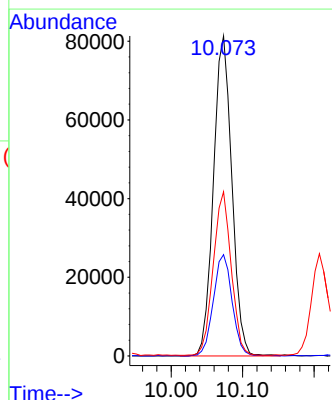
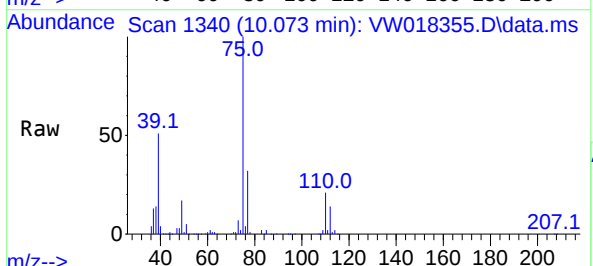
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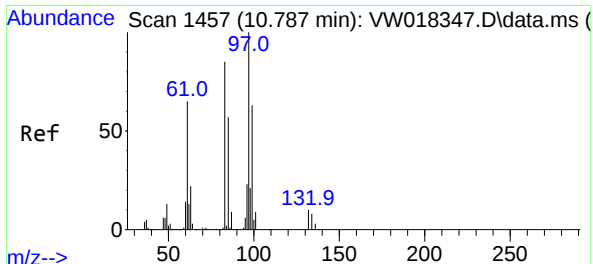
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#54  
cis-1,3-Dichloropropene  
Concen: 20.54 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 75 Resp: 145274  
Ion Ratio Lower Upper  
75 100  
77 31.6 24.9 37.3  
39 51.1 34.6 51.8





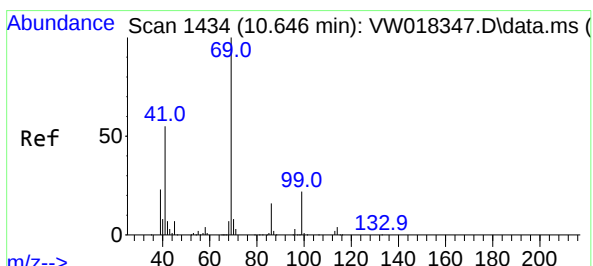
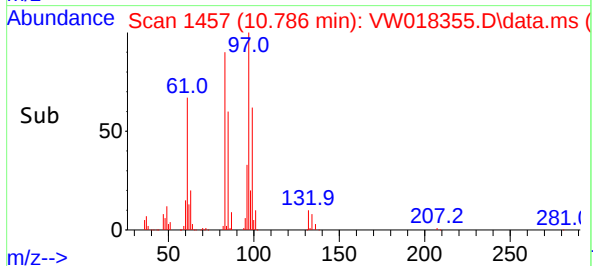
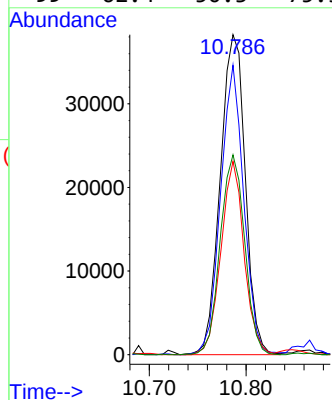
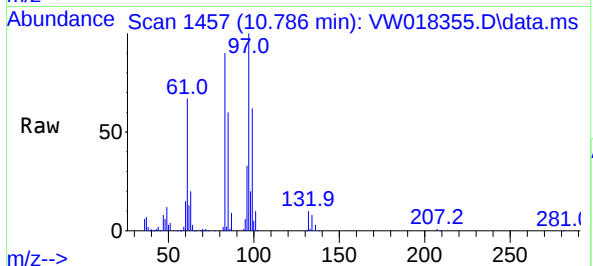
#55  
1,1,2-Trichloroethane  
Concen: 21.67 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.001 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 68592 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 90.5     | 70.1 105.1  |
| 85 60.4     | 43.3 64.9   |
| 99 62.4     | 50.3 75.5   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

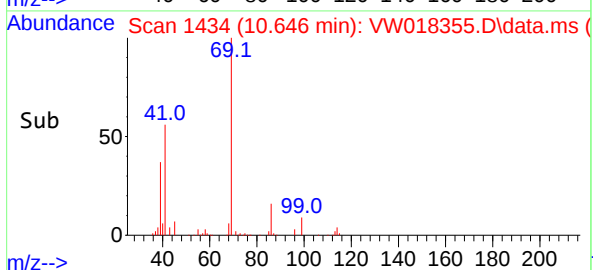
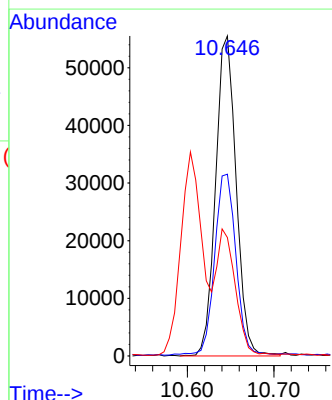
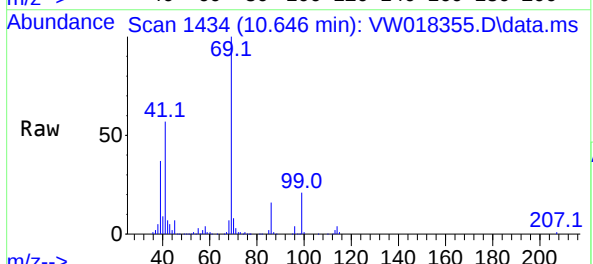
Manual Integrations  
APPROVED

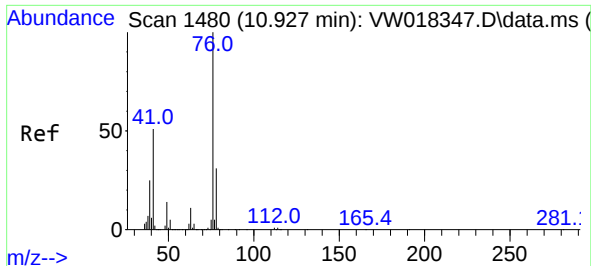
MMDadoda  
3/18/2021 4:12:45 PM



#56  
Ethyl methacrylate  
Concen: 22.24 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 91566 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 58.7     | 45.2 67.8   |
| 39 35.4     | 26.5 39.7   |





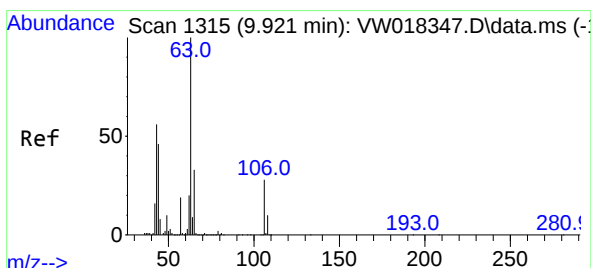
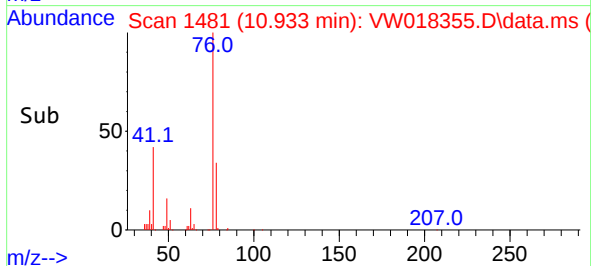
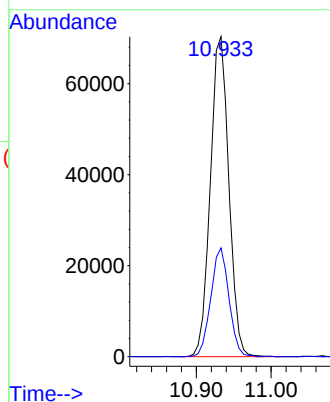
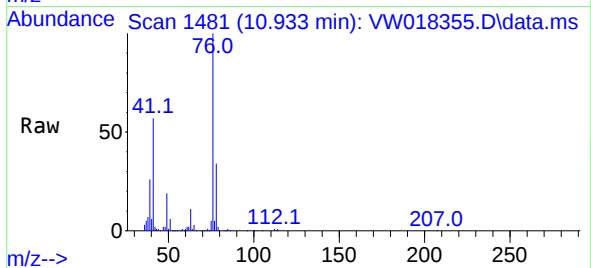
#57  
1,3-Dichloropropane  
Concen: 21.48 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 76 Resp: 121074  
Ion Ratio Lower Upper  
76 100  
78 33.3 26.4 39.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

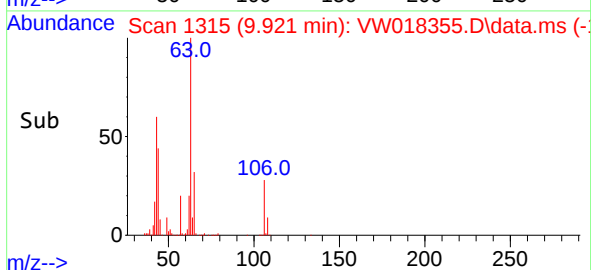
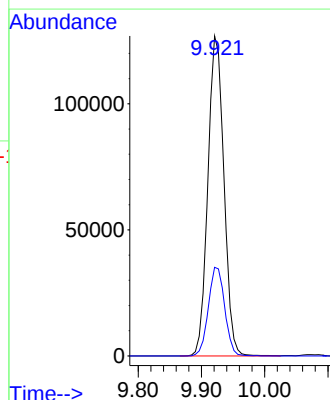
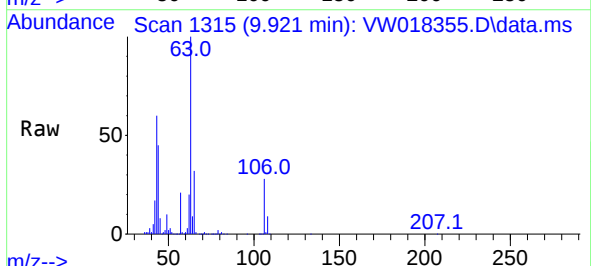
Manual Integrations  
APPROVED

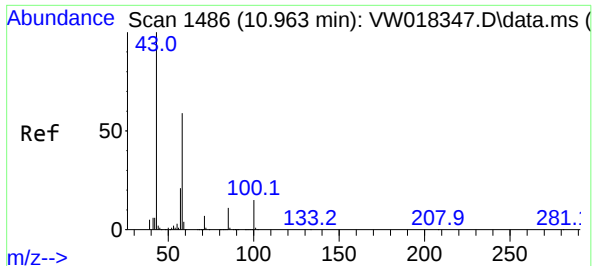
MMDadoda  
3/18/2021 4:12:45 PM



#58  
2-Chloroethyl Vinyl ether  
Concen: 107.17 ug/l  
RT: 9.921 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 63 Resp: 223896  
Ion Ratio Lower Upper  
63 100  
106 28.2 25.8 38.6





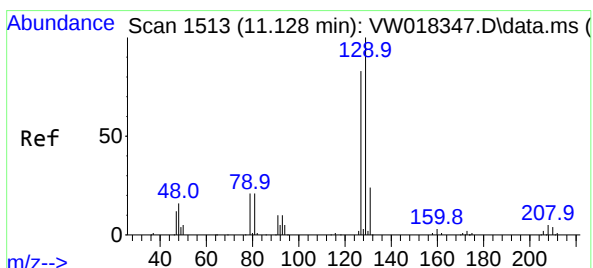
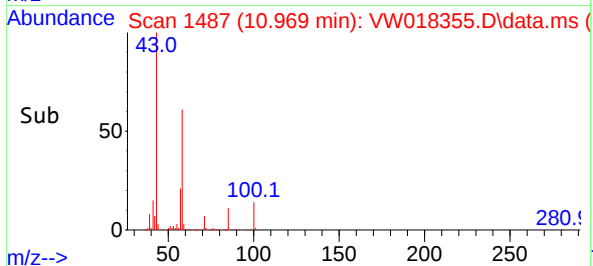
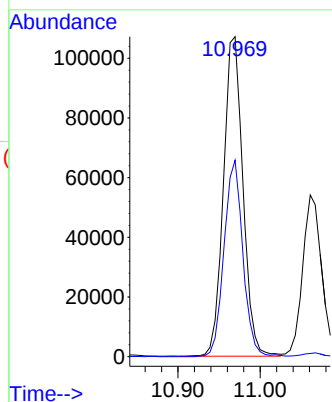
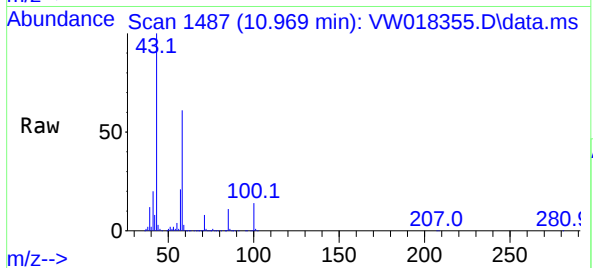
#59  
2-Hexanone  
Concen: 115.75 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 43 Resp: 176888  
Ion Ratio Lower Upper  
43 100  
58 59.6 30.6 92.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

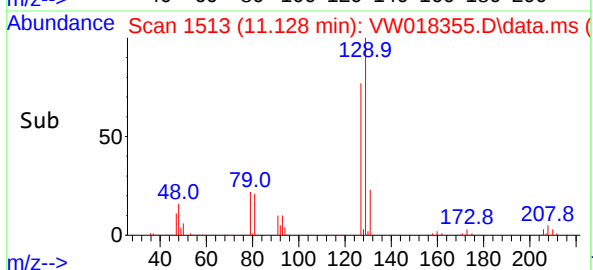
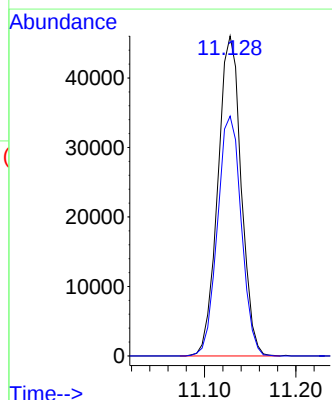
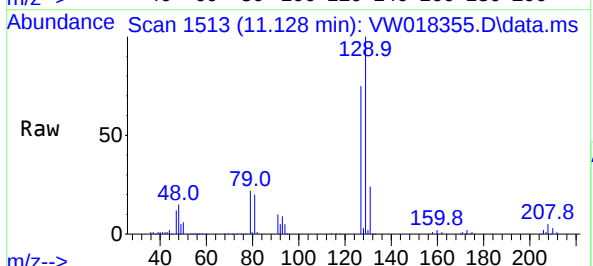
Manual Integrations  
APPROVED

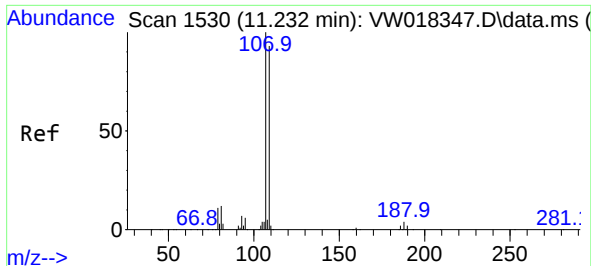
MMDadoda  
3/18/2021 4:12:45 PM



#60  
Dibromochloromethane  
Concen: 20.94 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion:129 Resp: 81672  
Ion Ratio Lower Upper  
129 100  
127 76.6 37.9 113.7





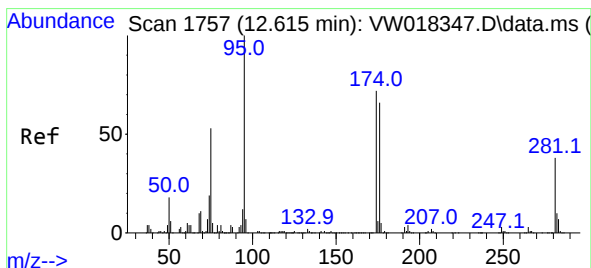
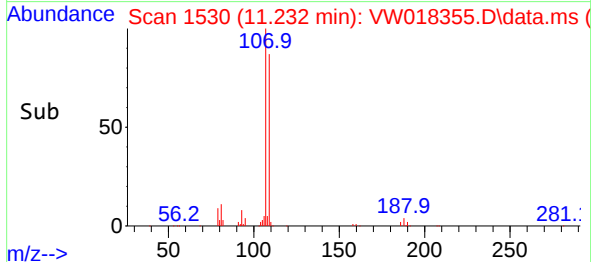
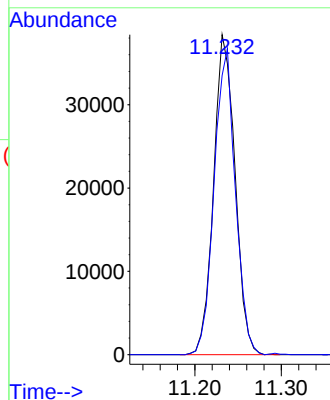
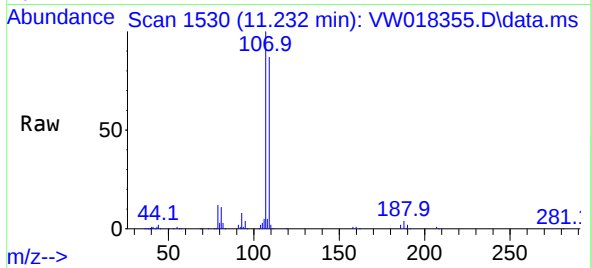
#61  
1,2-Dibromoethane  
Concen: 21.20 ug/l  
RT: 11.232 min Scan# 1530  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 107 Resp: 65934  
Ion Ratio Lower Upper  
107 100  
109 95.0 76.4 114.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

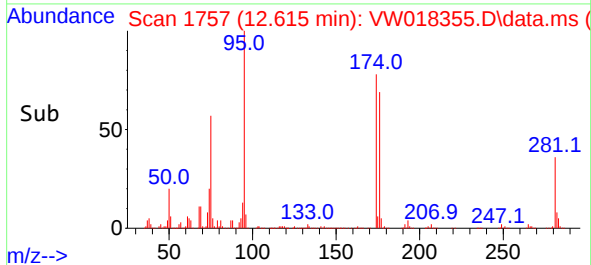
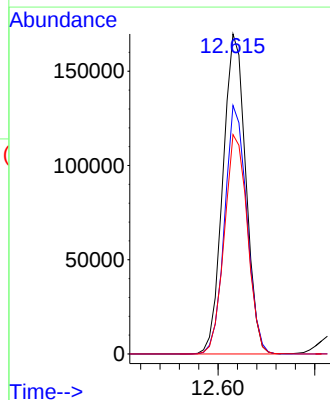
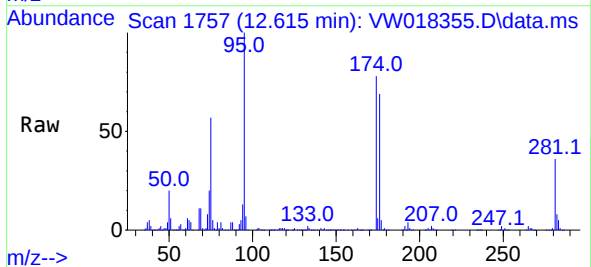
Manual Integrations  
APPROVED

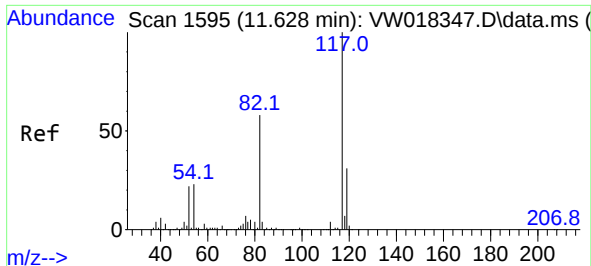
MMDadoda  
3/18/2021 4:12:45 PM



#62  
4-Bromofluorobenzene  
Concen: 48.22 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

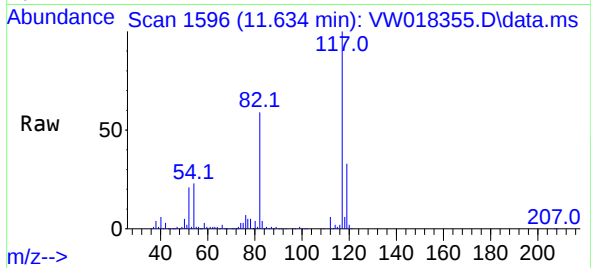
Tgt Ion: 95 Resp: 278043  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 132.8  
176 69.1 0.0 131.4





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

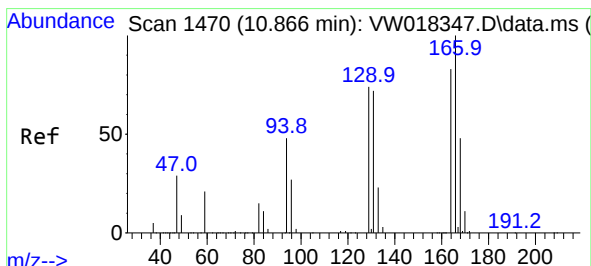
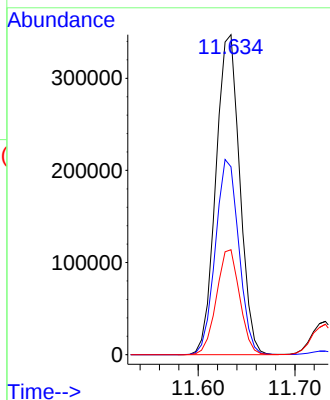
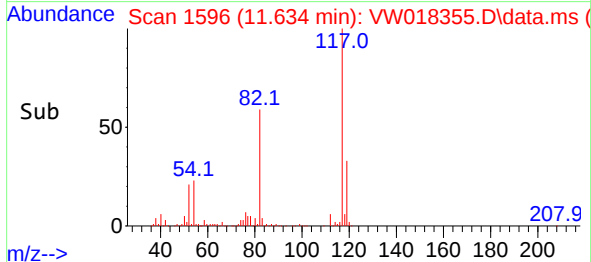
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01



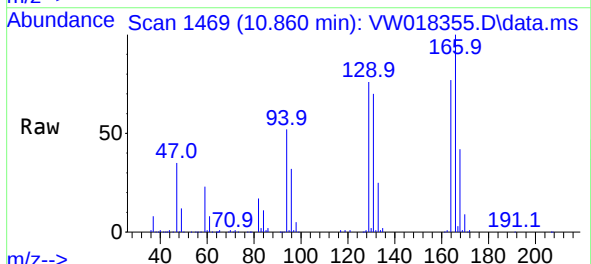
Tgt Ion:117 Resp: 593992  
Ion Ratio Lower Upper  
117 100  
82 58.7 43.1 64.7  
119 32.8 25.1 37.7

Manual Integrations  
APPROVED

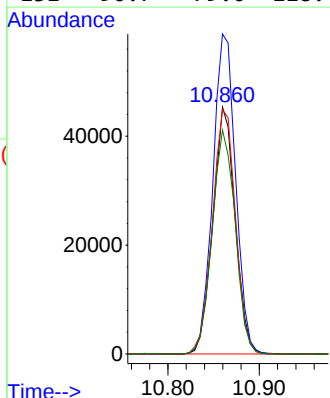
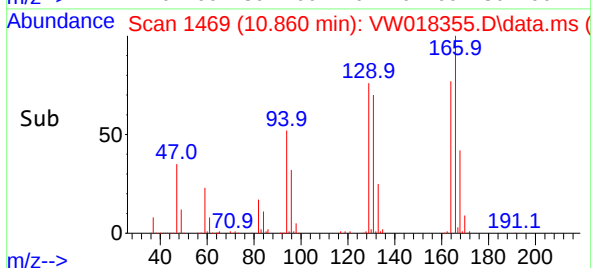
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3/18/2021 4:12:45 PM

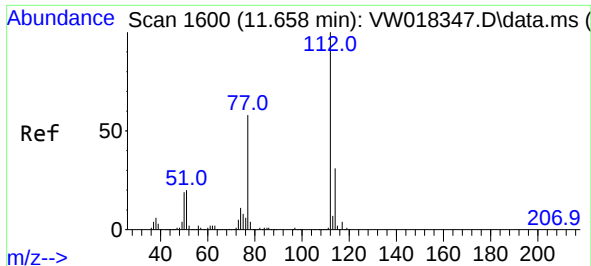


#64  
Tetrachloroethene  
Concen: 20.24 ug/l  
RT: 10.860 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



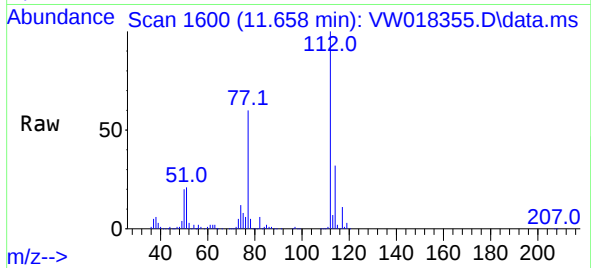
Tgt Ion:164 Resp: 76709  
Ion Ratio Lower Upper  
164 100  
166 129.6 101.3 151.9  
129 98.9 90.7 136.1  
131 90.7 79.0 118.4





#65  
Chlorobenzene  
Concen: 20.91 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

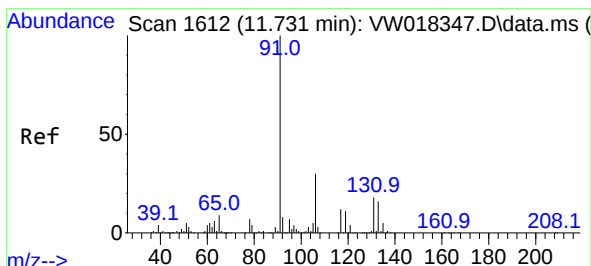
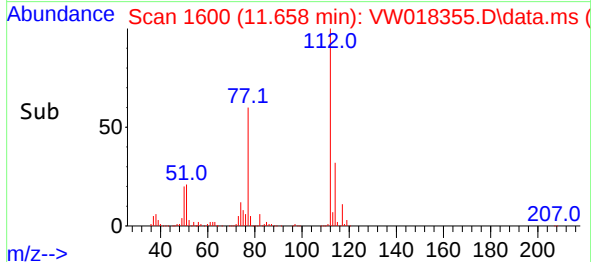
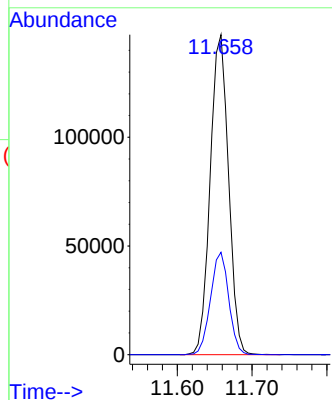
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01



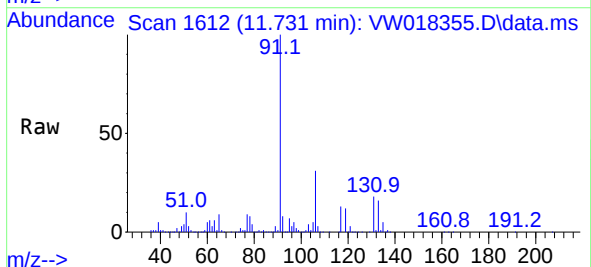
Tgt Ion:112 Resp: 250798  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.8 38.8

Manual Integrations  
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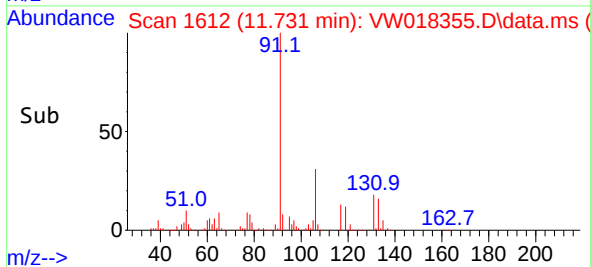
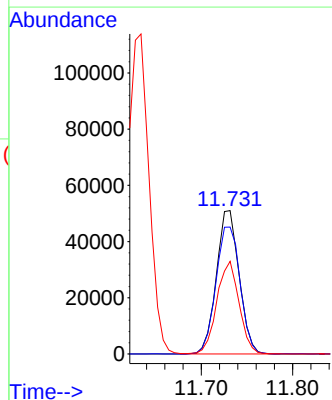
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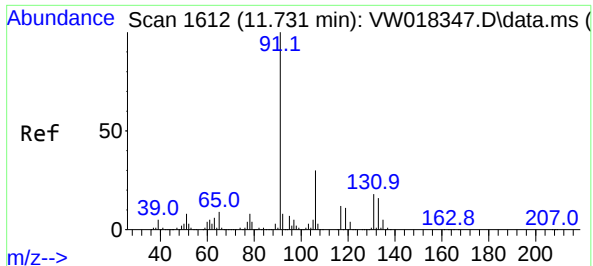


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.83 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



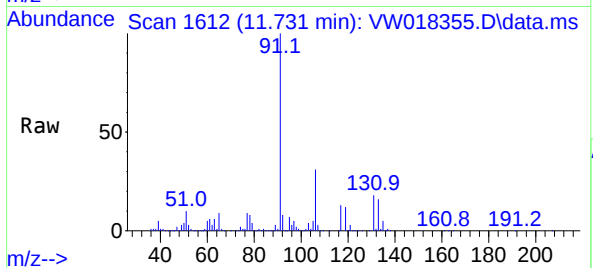
Tgt Ion:131 Resp: 88211  
Ion Ratio Lower Upper  
131 100  
133 94.4 47.6 142.8  
119 63.4 31.1 93.5





#67  
Ethyl Benzene  
Concen: 20.44 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

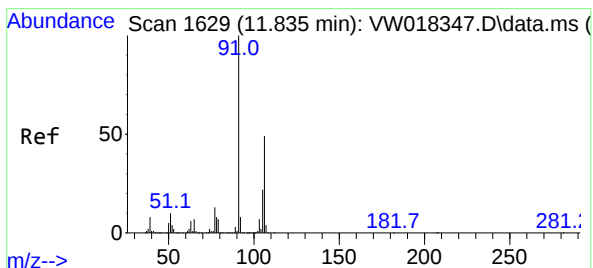
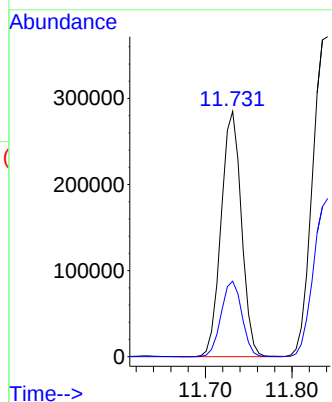
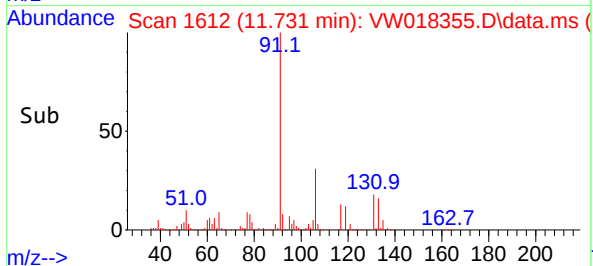
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01



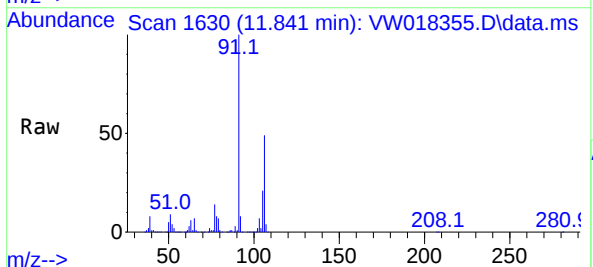
Tgt Ion: 91 Resp: 463960  
Ion Ratio Lower Upper  
91 100  
106 30.8 25.0 37.6

Manual Integrations  
APPROVED

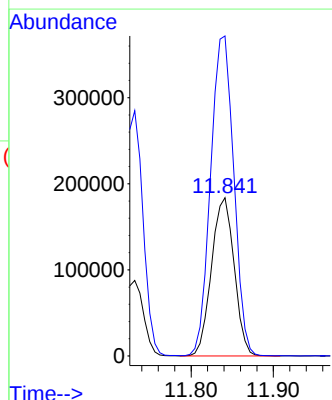
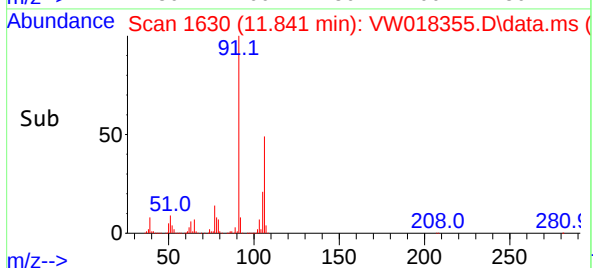
MMDadoda  
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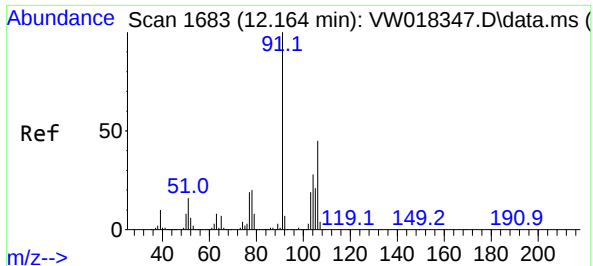


#68  
m/p-Xylenes  
Concen: 40.88 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



Tgt Ion: 106 Resp: 351971  
Ion Ratio Lower Upper  
106 100  
91 206.9 165.5 248.3





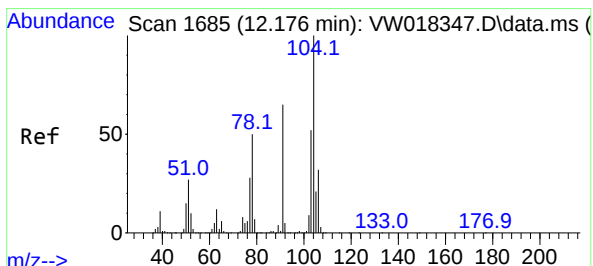
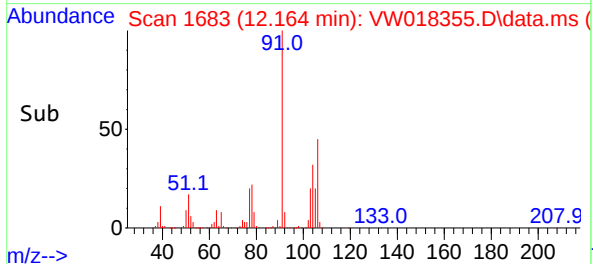
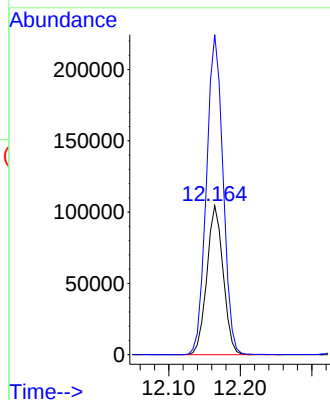
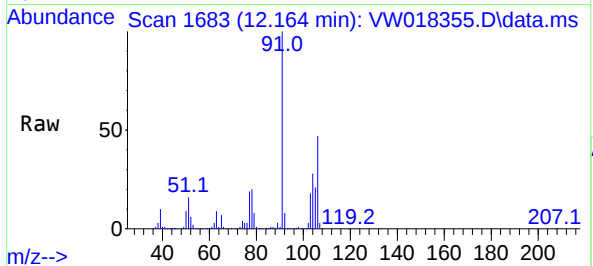
#69  
o-Xylene  
Concen: 20.56 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion:106 Resp: 165664  
Ion Ratio Lower Upper  
106 100  
91 218.4 111.3 333.9

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

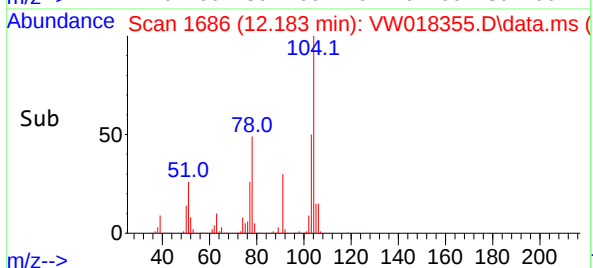
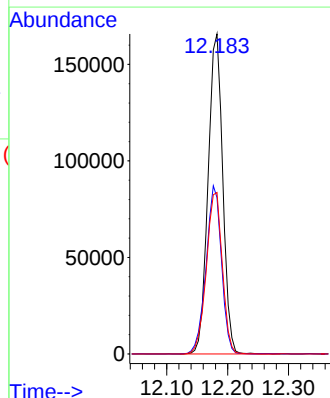
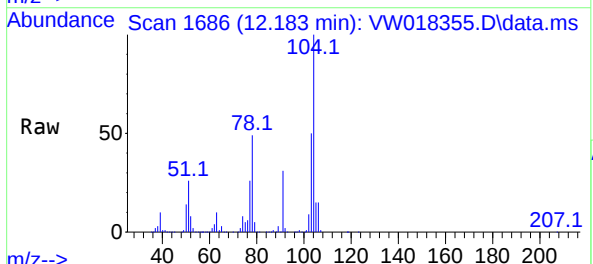
Manual Integrations  
APPROVED

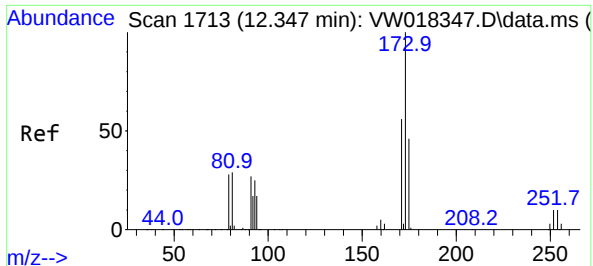
MMDadoda  
3/18/2021 4:12:45 PM



#70  
Styrene  
Concen: 20.59 ug/l  
RT: 12.183 min Scan# 1686  
Delta R.T. 0.007 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion:104 Resp: 277349  
Ion Ratio Lower Upper  
104 100  
78 55.4 43.2 64.8  
103 55.0 44.4 66.6





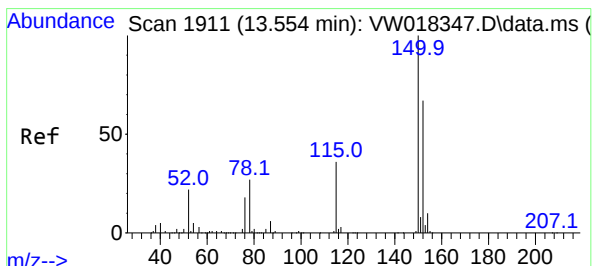
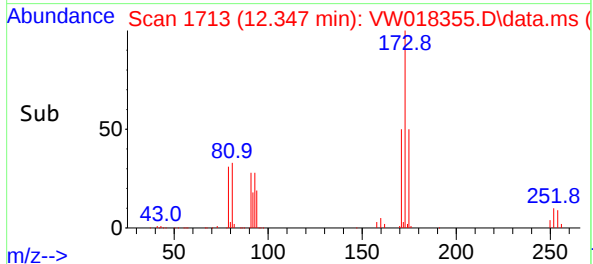
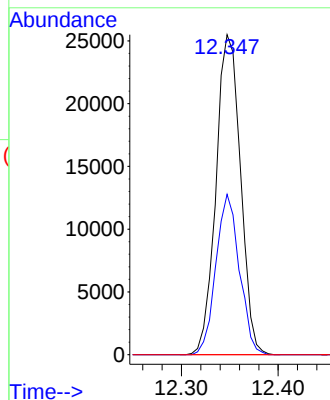
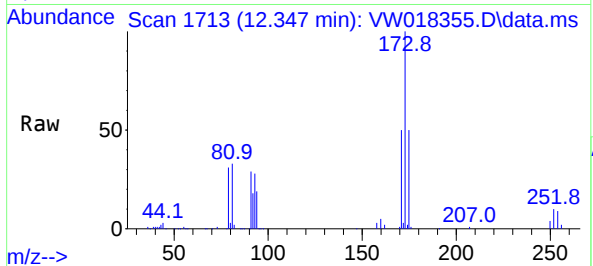
#71  
Bromoform  
Concen: 20.76 ug/l  
RT: 12.347 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 44816 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.9  | 23.5  | 70.6  |
| 254       | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

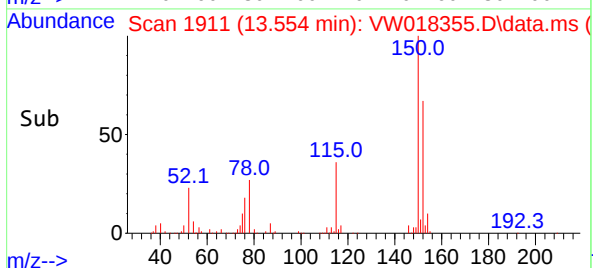
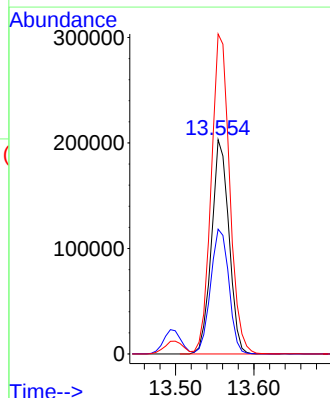
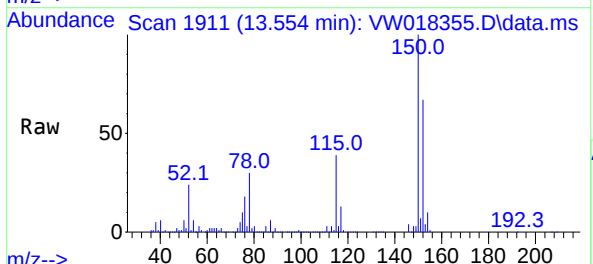
Manual Integrations  
APPROVED

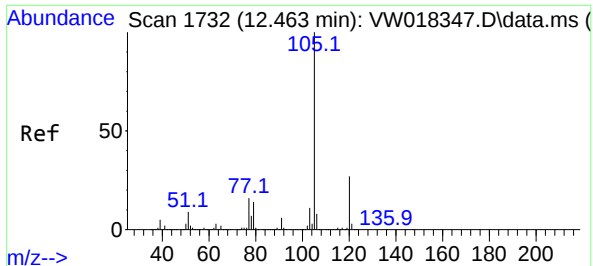
MMDadoda  
3/18/2021 4:12:45 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.554 min Scan# 1911  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 312634 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 61.1  | 31.9  | 95.7   |
| 150       | 158.7 | 0.0   | 347.2  |





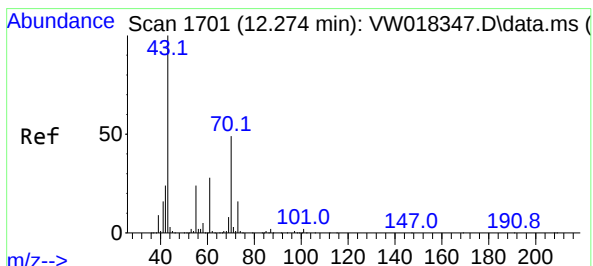
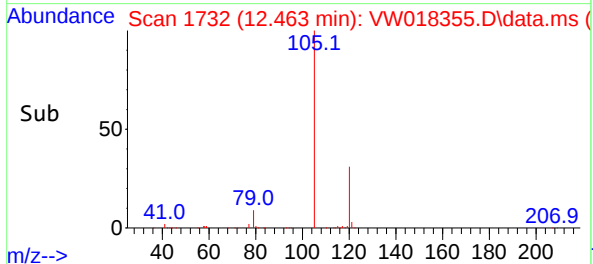
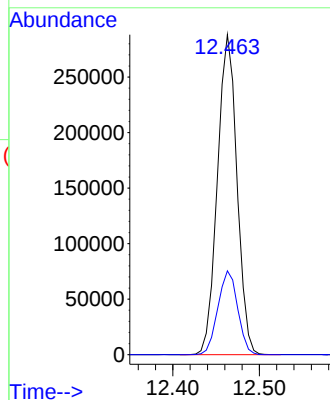
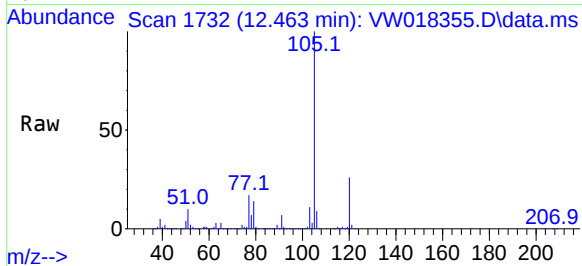
#73  
Isopropylbenzene  
Concen: 19.20 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion: 105 Resp: 452211  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.1 39.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

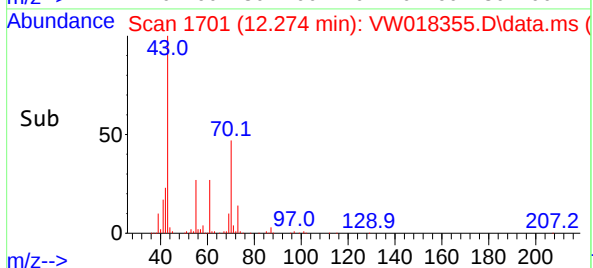
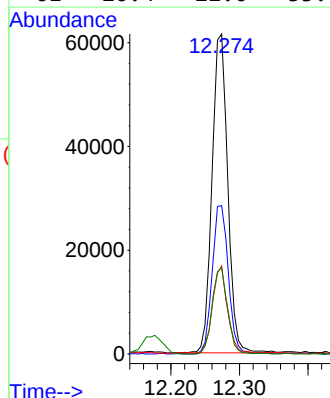
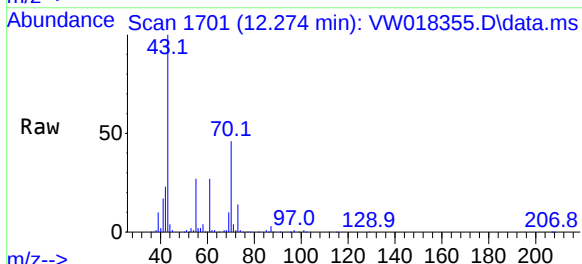
Manual Integrations  
APPROVED

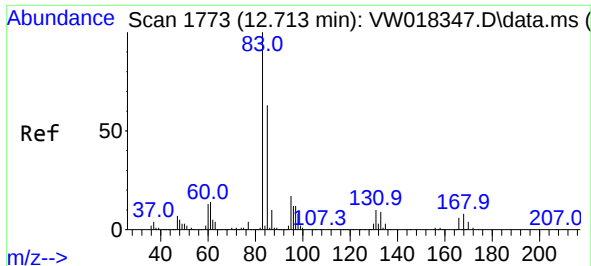
MMDadoda  
3/18/2021 4:12:45 PM



#74  
N-ethyl acetate  
Concen: 21.15 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

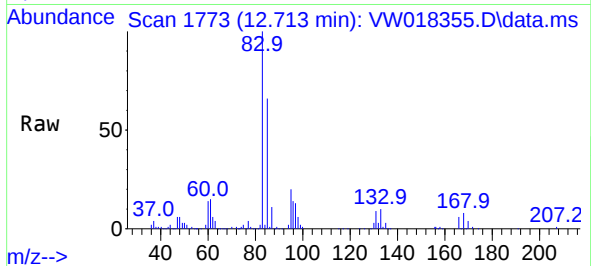
Tgt Ion: 43 Resp: 98016  
Ion Ratio Lower Upper  
43 100  
70 47.6 41.8 62.6  
55 26.1 23.0 34.6  
61 26.4 22.0 33.0





#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.00 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

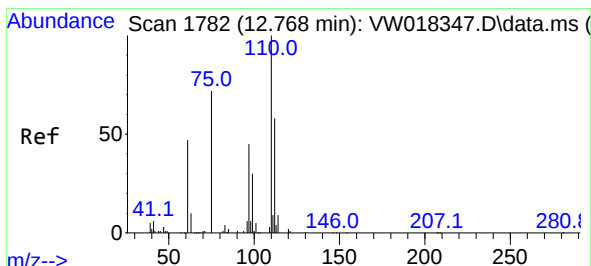
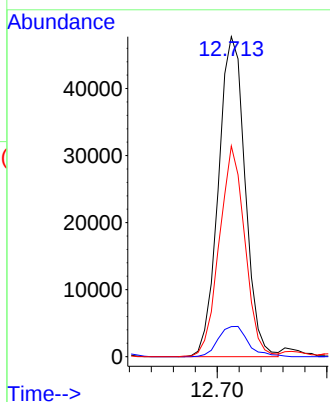
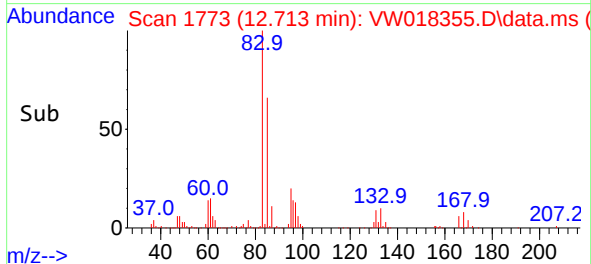
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01



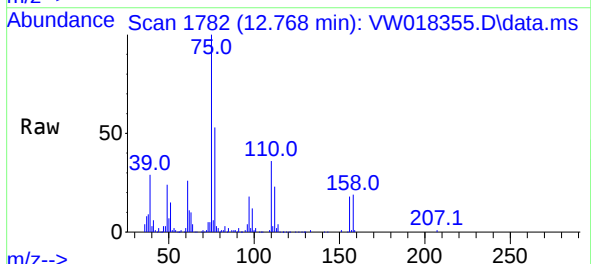
Tgt Ion: 83 Resp: 80703  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.9 17.6  
85 63.0 31.9 95.5

Manual Integrations  
APPROVED

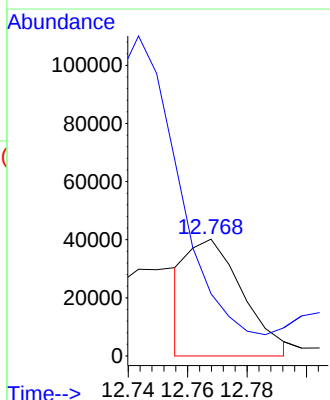
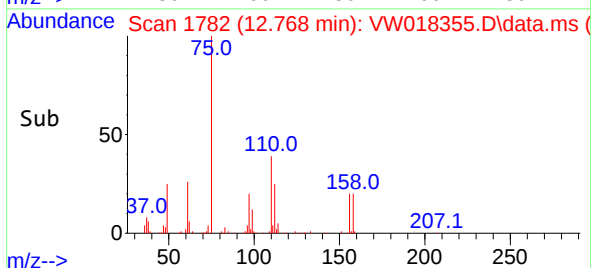
MMDadoda  
3/18/2021 4:12:45 PM

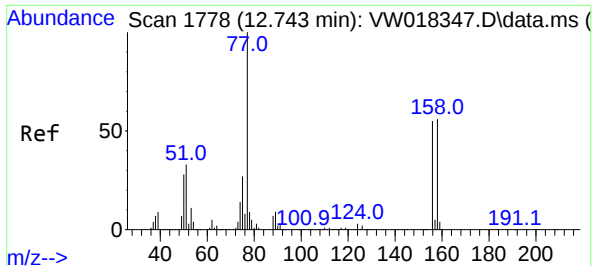


#76  
1,2,3-Trichloropropane  
Concen: 18.06 ug/l m  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



Tgt Ion: 75 Resp: 51899  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





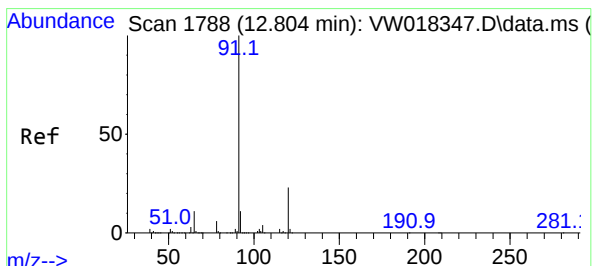
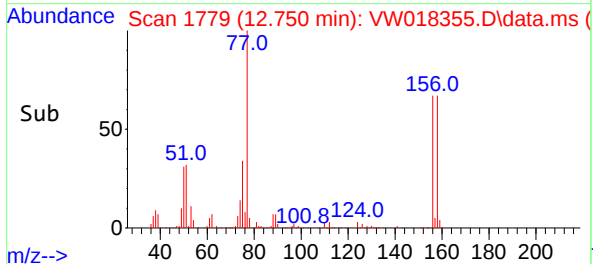
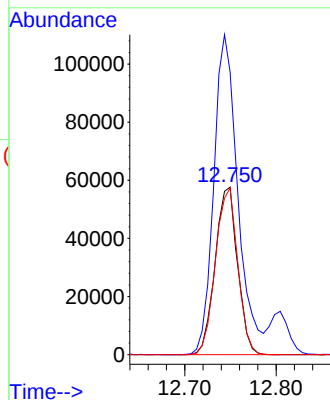
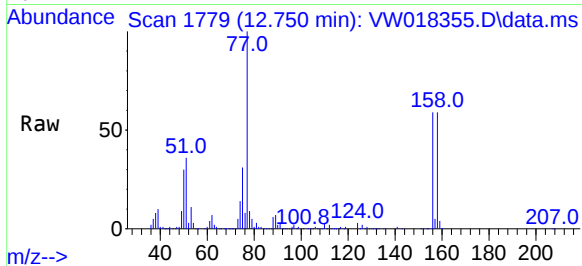
#77  
Bromobenzene  
Concen: 19.48 ug/l  
RT: 12.750 min Scan# 1779  
Delta R.T. 0.007 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion:156 Resp: 98219  
Ion Ratio Lower Upper  
156 100  
77 204.8 97.8 293.4  
158 98.8 49.1 147.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

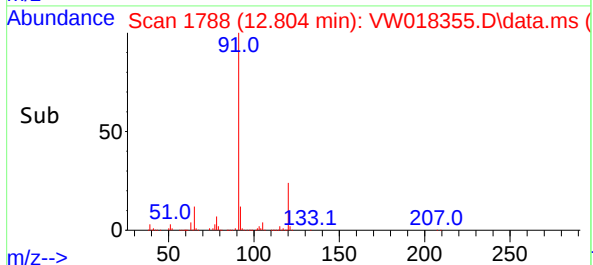
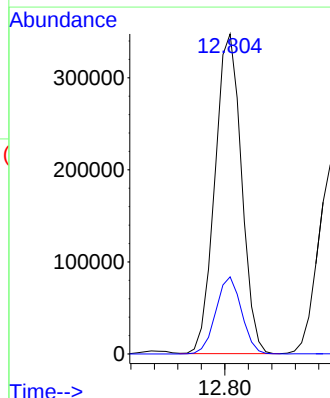
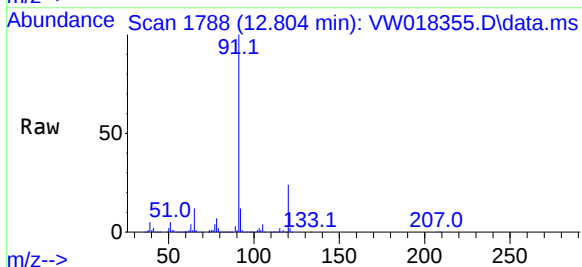
Manual Integrations  
APPROVED

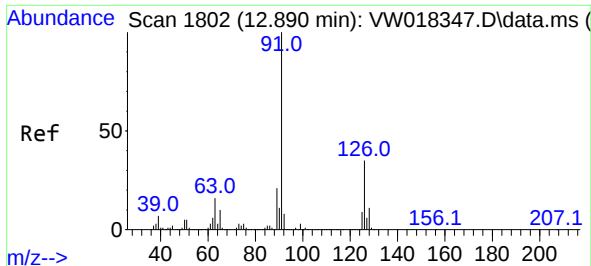
MMDadoda  
3/18/2021 4:12:45 PM



#78  
n-propylbenzene  
Concen: 19.41 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

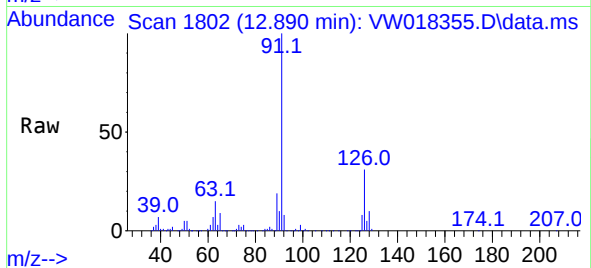
Tgt Ion: 91 Resp: 545012  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.3 33.9





#79  
2-Chlorotoluene  
Concen: 20.05 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

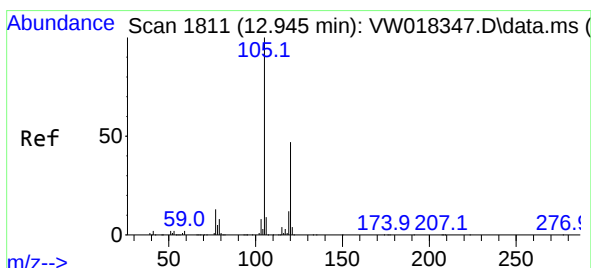
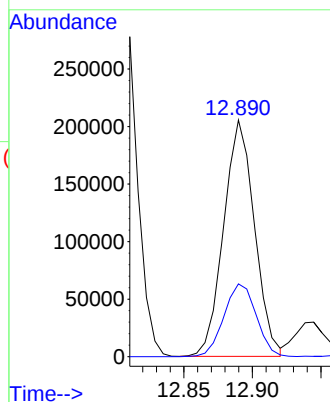
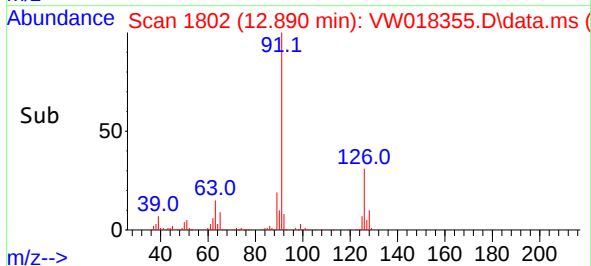
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01



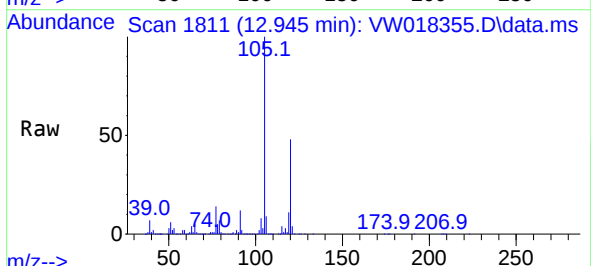
Tgt Ion: 91 Resp: 322471  
Ion Ratio Lower Upper  
91 100  
126 32.2 15.0 45.0

Manual Integrations  
APPROVED

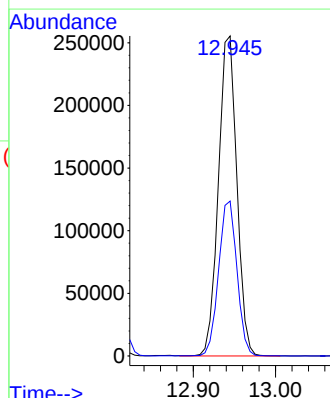
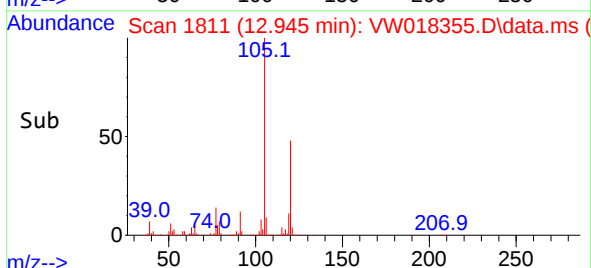
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3/18/2021 4:12:45 PM

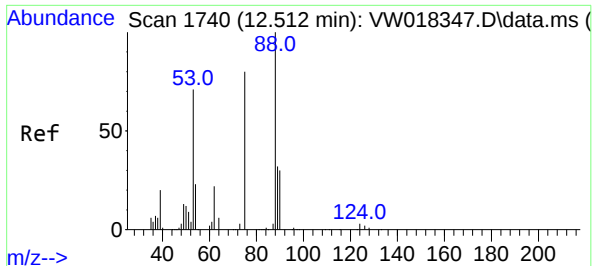


#80  
1,3,5-Trimethylbenzene  
Concen: 19.62 ug/l  
RT: 12.945 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

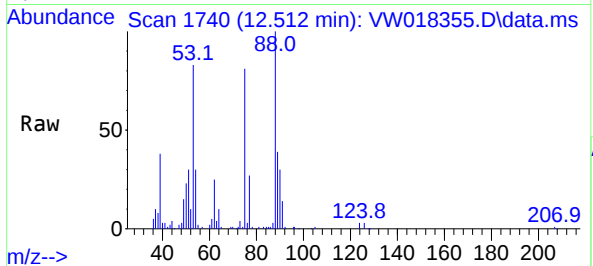


Tgt Ion: 105 Resp: 398333  
Ion Ratio Lower Upper  
105 100  
120 48.2 23.4 70.0

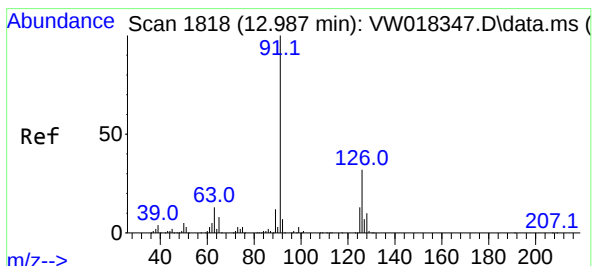
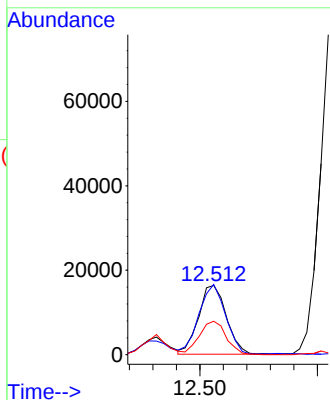
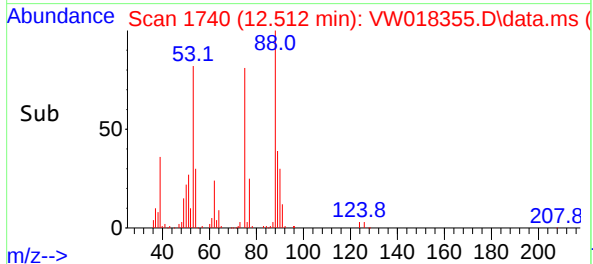




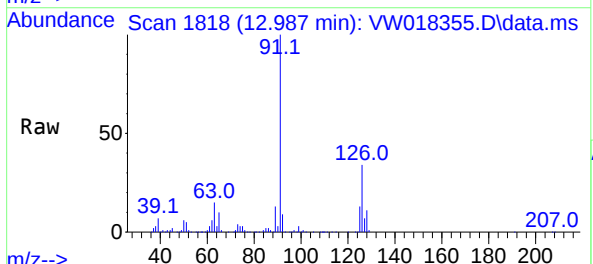
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.48 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



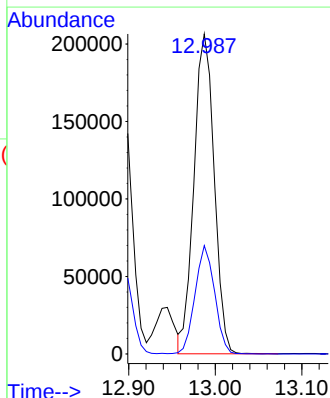
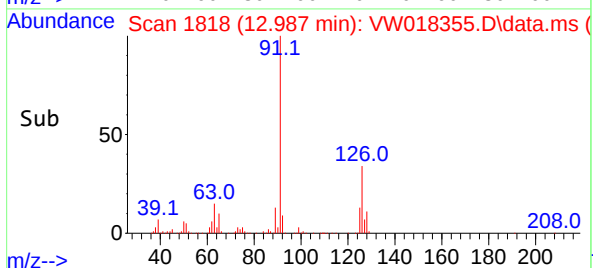
Tgt Ion: 75 Resp: 26894  
Ion Ratio Lower Upper  
75 100  
53 96.6 86.9 130.3  
89 46.5 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 19.73 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



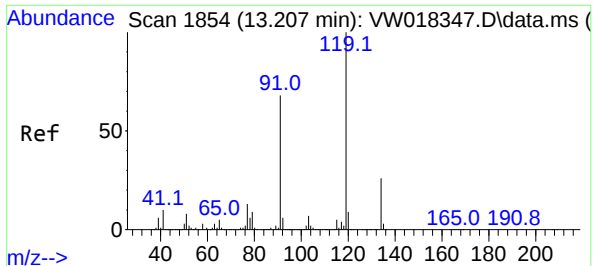
Tgt Ion: 91 Resp: 334427  
Ion Ratio Lower Upper  
91 100  
126 32.9 15.8 47.4



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

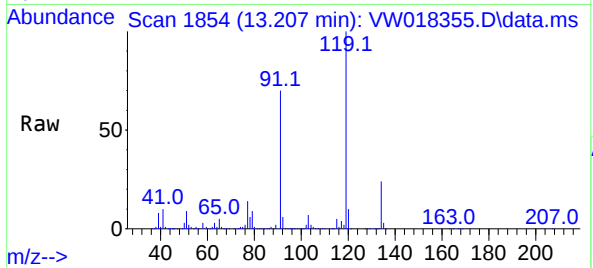
Manual Integrations  
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3/18/2021 4:12:45 PM



#83  
tert-Butylbenzene  
Concen: 19.75 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

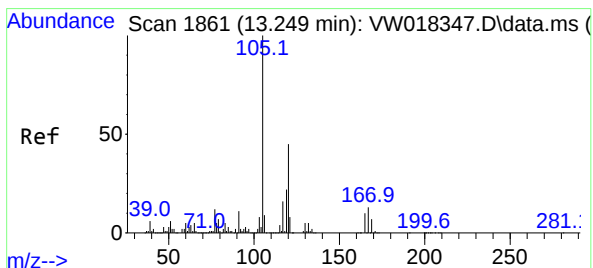
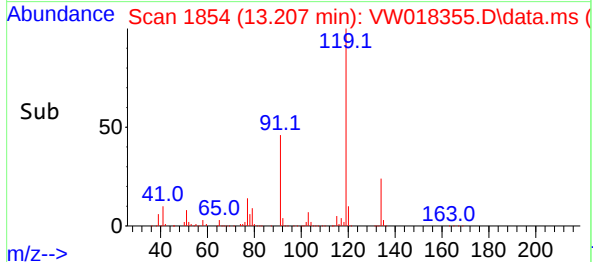
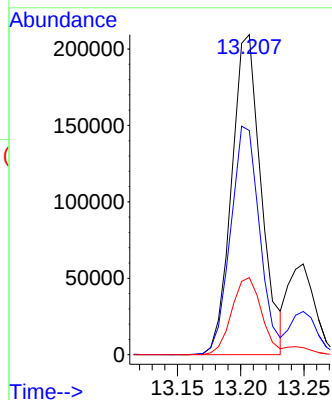
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01



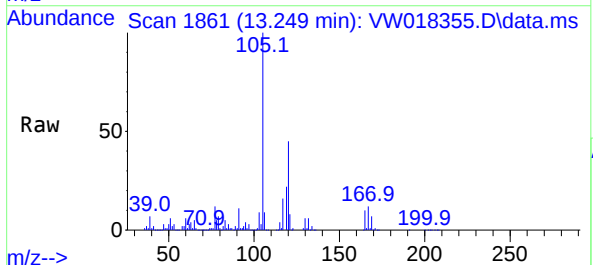
Tgt Ion:119 Resp: 340151  
Ion Ratio Lower Upper  
119 100  
91 70.5 34.9 104.7  
134 26.4 12.3 36.9

Manual Integrations  
APPROVED

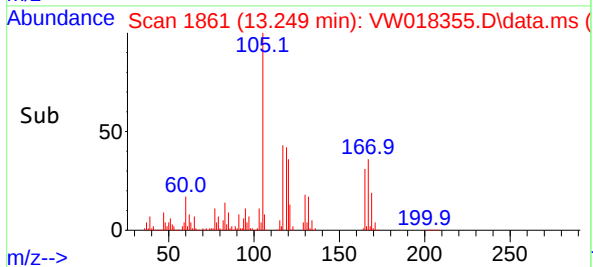
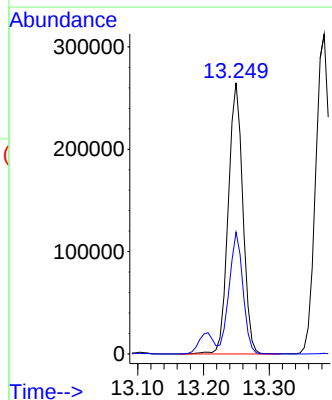
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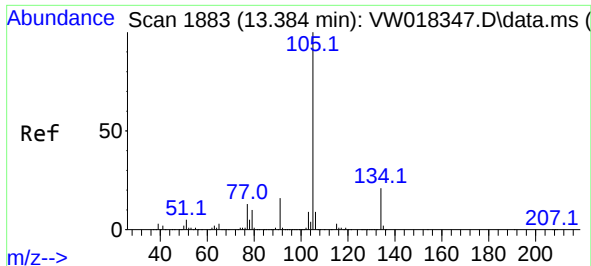


#84  
1,2,4-Trimethylbenzene  
Concen: 20.02 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



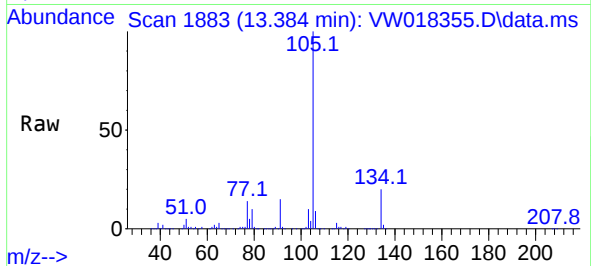
Tgt Ion:105 Resp: 407213  
Ion Ratio Lower Upper  
105 100  
120 42.9 21.3 64.0





#85  
sec-Butylbenzene  
Concen: 19.77 ug/l  
RT: 13.384 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

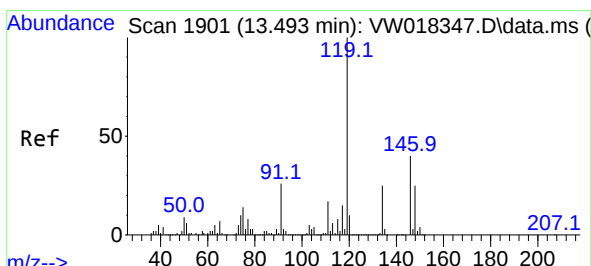
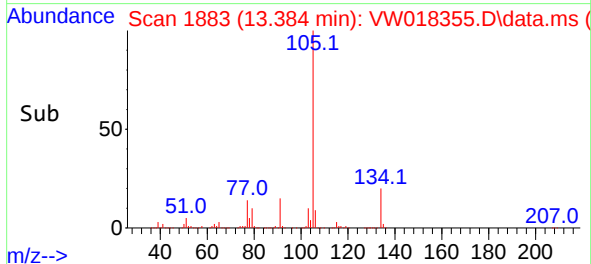
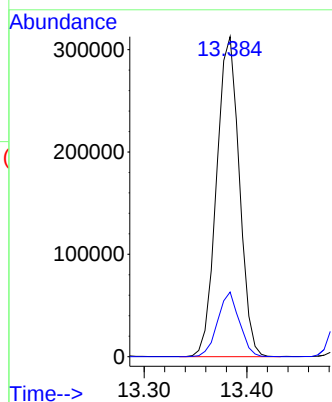
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01



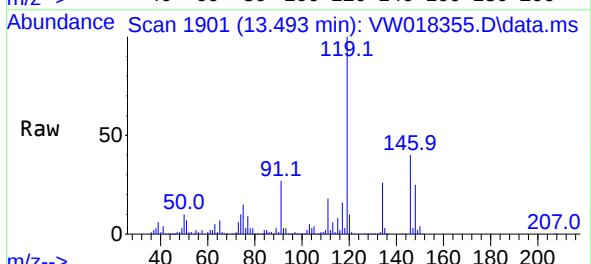
Tgt Ion:105 Resp: 479765  
Ion Ratio Lower Upper  
105 100  
134 19.3 9.8 29.3

Manual Integrations  
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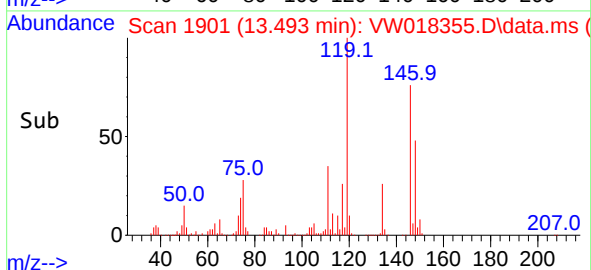
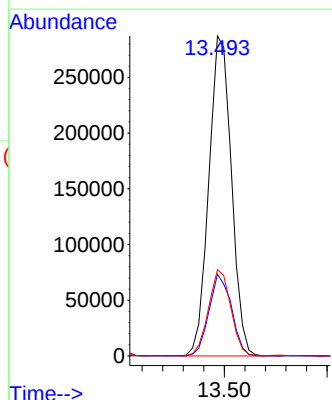
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3/18/2021 4:12:45 PM

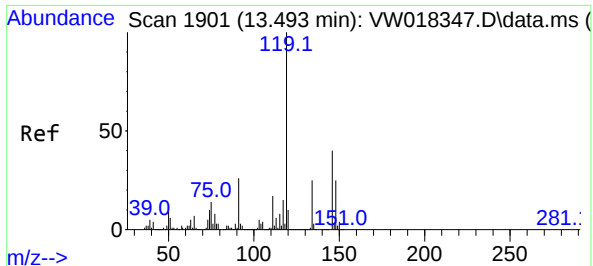


#86  
p-Isopropyltoluene  
Concen: 20.16 ug/l  
RT: 13.493 min Scan# 1901  
Delta R.T. 0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



Tgt Ion:119 Resp: 439411  
Ion Ratio Lower Upper  
119 100  
134 25.3 12.4 37.4  
91 26.4 13.1 39.1





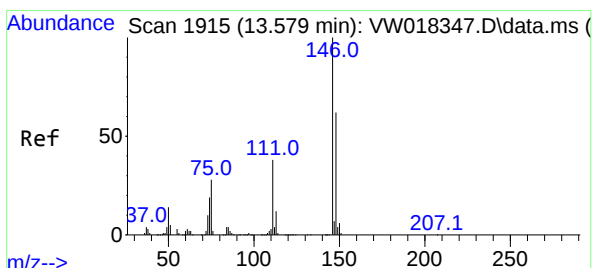
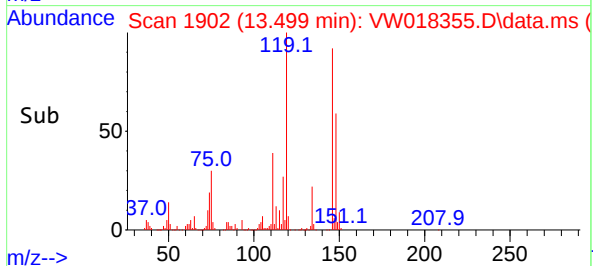
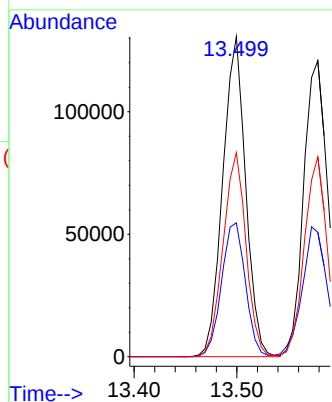
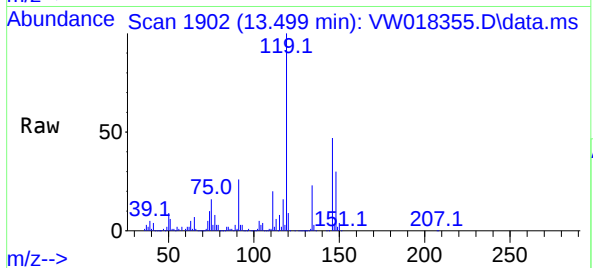
#87  
1,3-Dichlorobenzene  
Concen: 19.88 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion:146 Resp: 202290  
Ion Ratio Lower Upper  
146 100  
111 43.5 21.8 65.3  
148 63.9 32.6 97.7

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

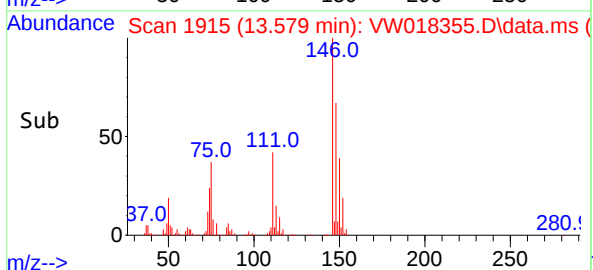
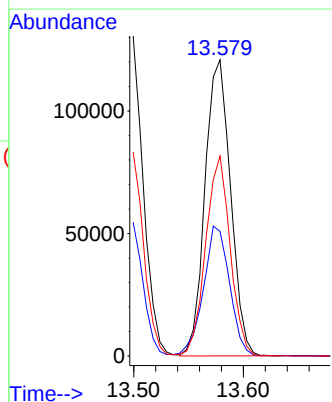
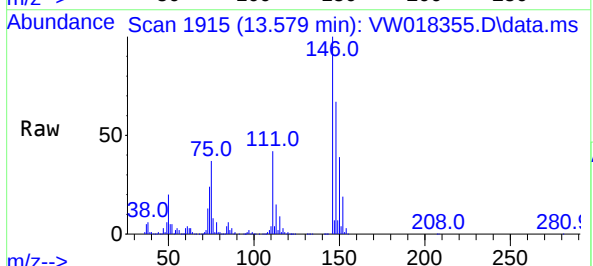
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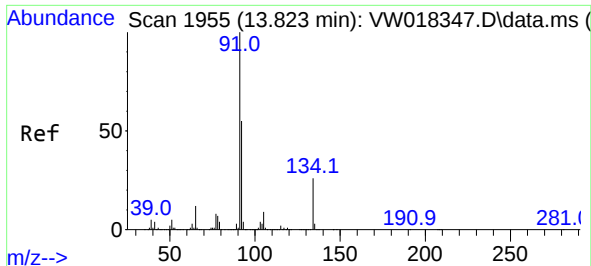
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#88  
1,4-Dichlorobenzene  
Concen: 19.28 ug/l  
RT: 13.579 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

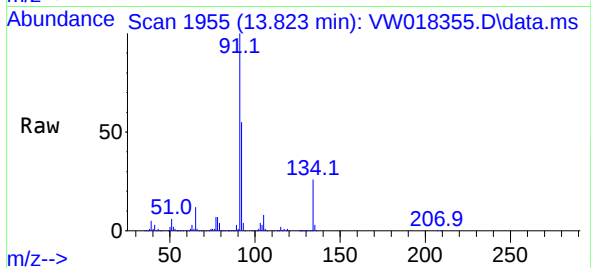
Tgt Ion:146 Resp: 195648  
Ion Ratio Lower Upper  
146 100  
111 44.8 20.3 60.8  
148 64.9 31.4 94.0





#89  
n-Butylbenzene  
Concen: 19.86 ug/l  
RT: 13.823 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

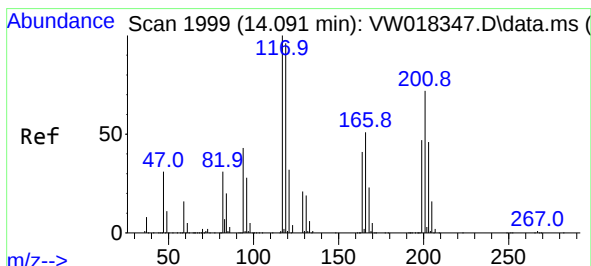
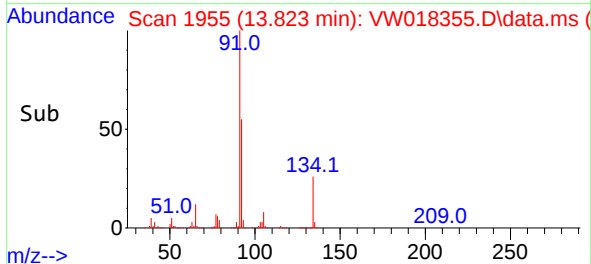
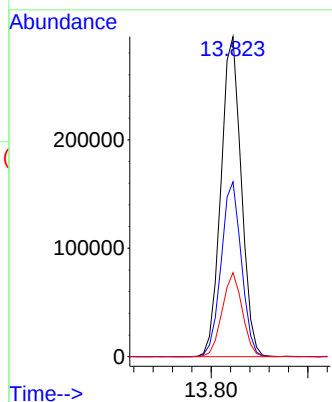
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01



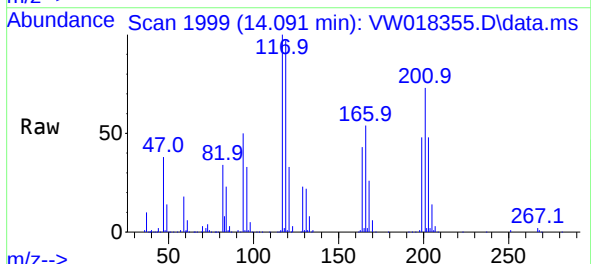
Tgt Ion: 91 Resp: 429425  
Ion Ratio Lower Upper  
91 100  
92 54.4 26.6 79.8  
134 26.0 12.4 37.4

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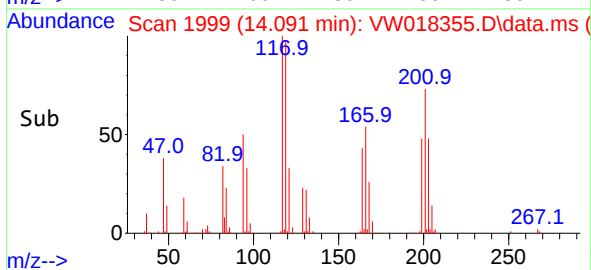
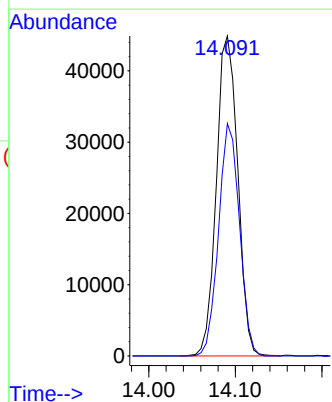
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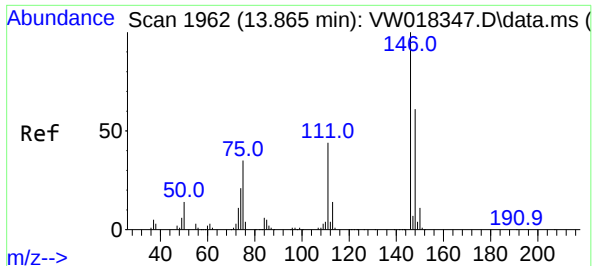


#90  
Hexachloroethane  
Concen: 19.22 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

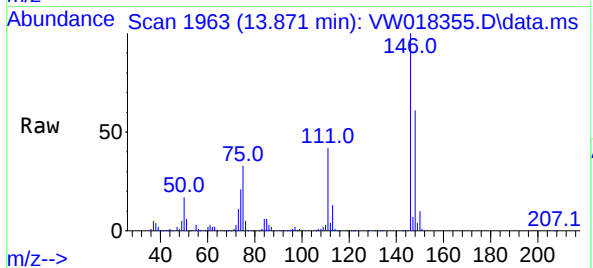


Tgt Ion: 117 Resp: 76984  
Ion Ratio Lower Upper  
117 100  
201 71.0 35.4 106.1





#91  
1,2-Dichlorobenzene  
Concen: 19.85 ug/l  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

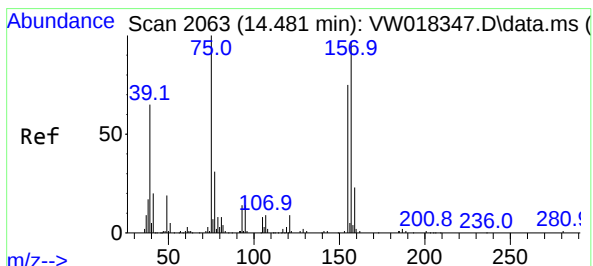
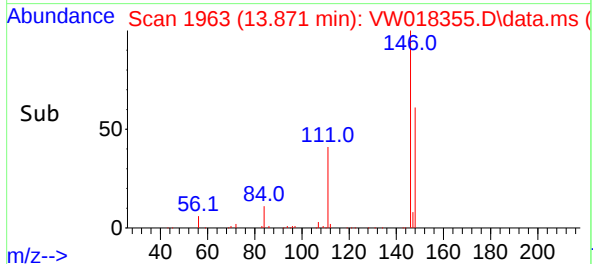
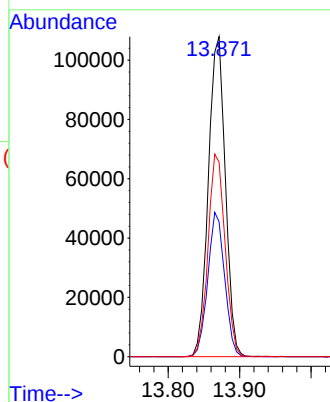


Tgt Ion:146 Resp: 177903  
Ion Ratio Lower Upper  
146 100  
111 44.8 22.3 66.9  
148 63.8 31.2 93.6

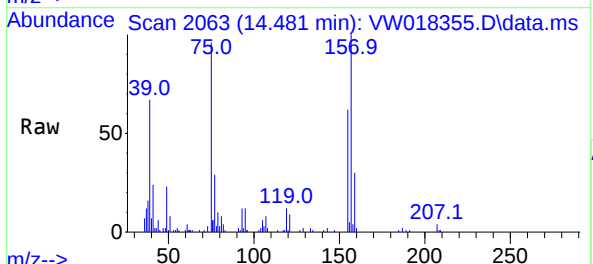
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

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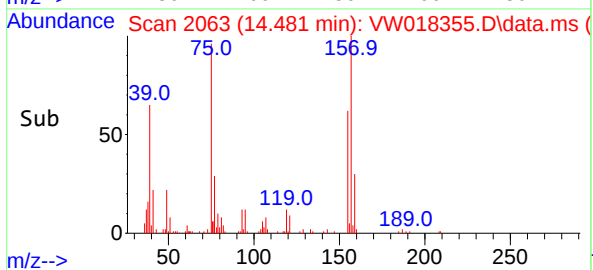
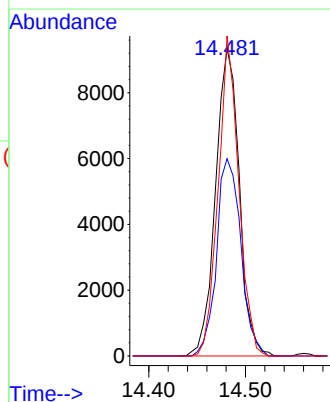
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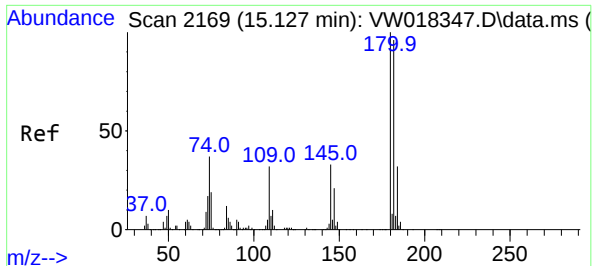


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 22.29 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



Tgt Ion: 75 Resp: 15874  
Ion Ratio Lower Upper  
75 100  
155 65.8 38.0 113.9  
157 90.2 49.9 149.7





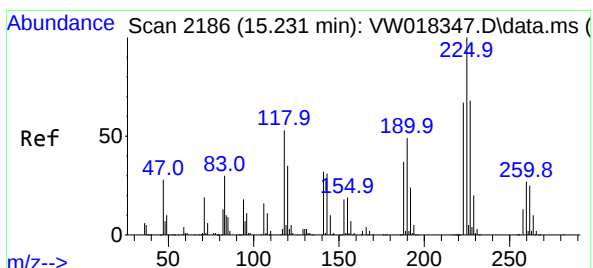
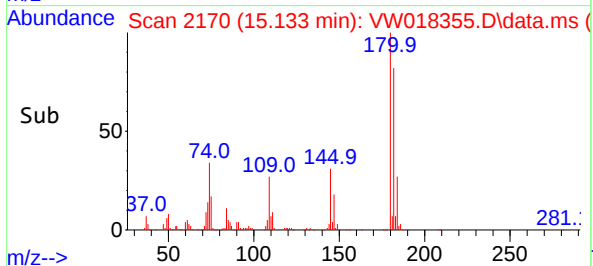
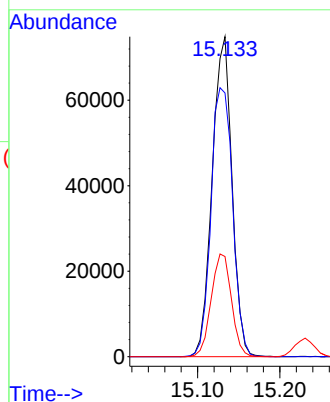
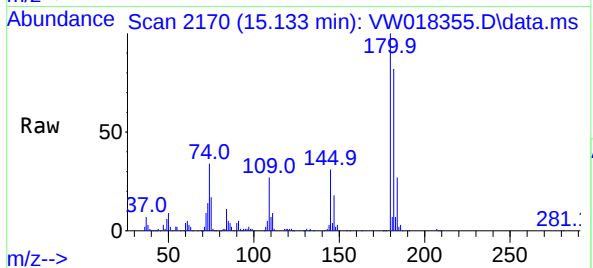
#93  
1,2,4-Trichlorobenzene  
Concen: 19.78 ug/l  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion:180 Resp: 125511  
Ion Ratio Lower Upper  
180 100  
182 92.0 50.0 150.0  
145 32.8 17.9 53.8

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

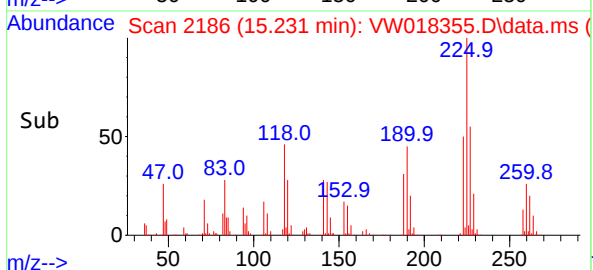
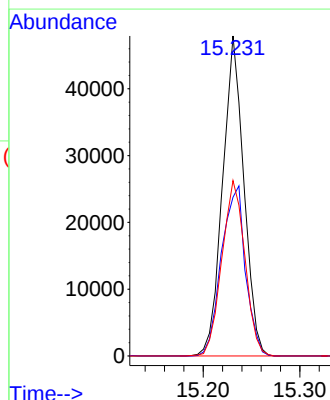
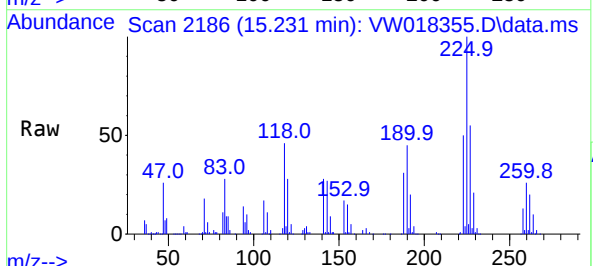
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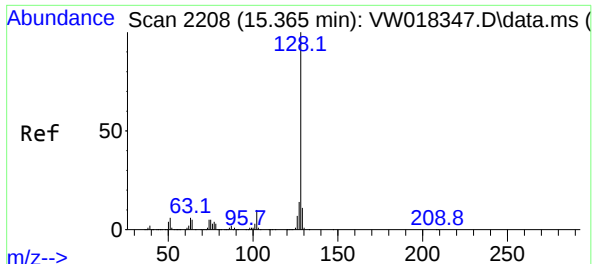
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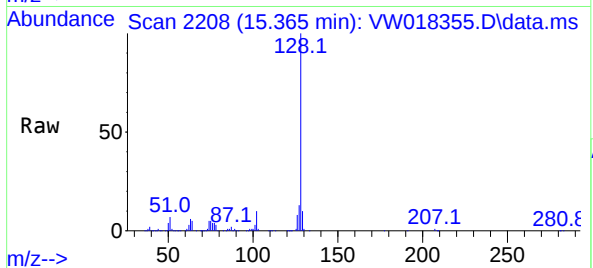
#94  
Hexachlorobutadiene  
Concen: 20.32 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06

Tgt Ion:225 Resp: 73014  
Ion Ratio Lower Upper  
225 100  
223 59.9 27.3 81.8  
227 59.3 27.8 83.3

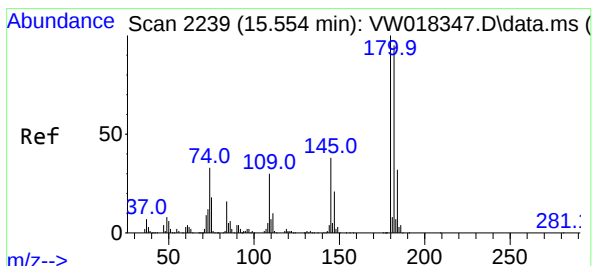
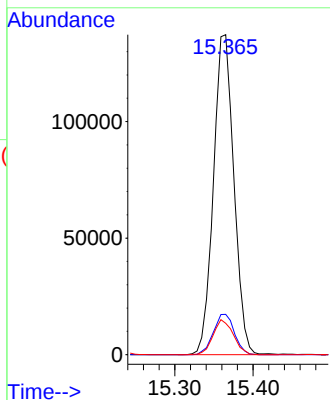
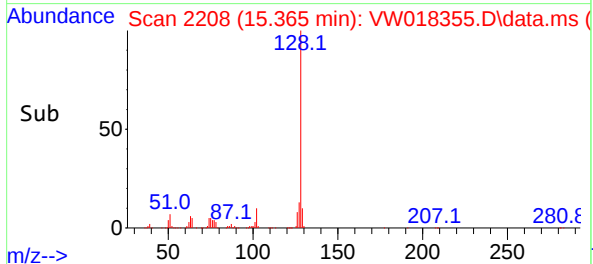




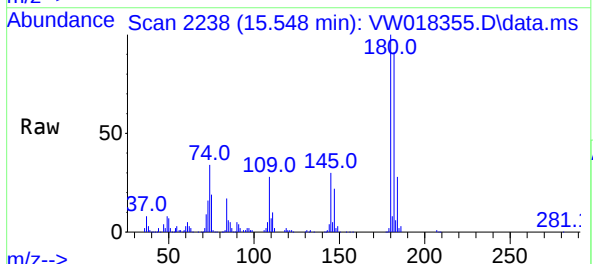
#95  
Naphthalene  
Concen: 21.28 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



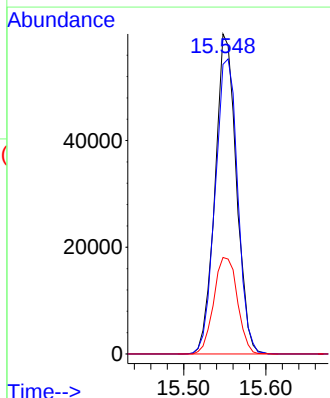
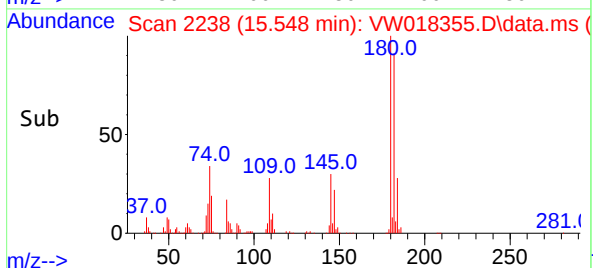
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 249161 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.9  | 16.3   |
| 129       | 10.8  | 8.9   | 13.3   |



#96  
1,2,3-Trichlorobenzene  
Concen: 20.58 ug/l  
RT: 15.548 min Scan# 2238  
Delta R.T. -0.006 min  
Lab File: VW018355.D  
Acq: 17 Mar 2021 20:06



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 108655 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.9  | 45.1  | 135.2  |
| 145       | 33.3  | 17.8  | 53.3   |



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0317SBSD01

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