

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052421\  
 Data File : VW019062.D  
 Acq On : 24 May 2021 12:00  
 Operator : SY/VA  
 Sample : VSTDIC010  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Manual Integrations  
 APPROVED

MMDadoda  
 5/25/2021 5:58:31 PM

Quant Time: May 24 13:16:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W052421S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon May 24 13:14:17 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|------------------------------|--------|------|----------|-------|--------|----------|
| -----                        |        |      |          |       |        |          |
| Internal Standards           |        |      |          |       |        |          |
| 1) Pentafluorobenzene        | 7.951  | 168  | 372272   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.842  | 114  | 630041   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.628 | 117  | 564700   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.560 | 152  | 277641   | 50.00 | ug/l   | 0.00     |
|                              |        |      |          |       |        |          |
| System Monitoring Compounds  |        |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.311  | 65   | 48088    | 12.36 | ug/l   | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =     | 24.72% |          |
| 35) Dibromofluoromethane     | 7.890  | 113  | 42687    | 11.88 | ug/l   | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =     | 23.76% |          |
| 50) Toluene-d8               | 10.323 | 98   | 173896   | 12.25 | ug/l   | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =     | 24.50% |          |
| 62) 4-Bromofluorobenzene     | 12.615 | 95   | 60988    | 11.94 | ug/l   | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =     | 23.88% |          |
|                              |        |      |          |       |        |          |
| Target Compounds             |        |      |          |       | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.013  | 85   | 30471    | 12.21 | ug/l   | 97       |
| 3) Chloromethane             | 2.215  | 50   | 31980    | 11.62 | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.367  | 62   | 49897    | 12.11 | ug/l   | 97       |
| 5) Bromomethane              | 2.782  | 94   | 41013    | 11.93 | ug/l   | 100      |
| 6) Chloroethane              | 2.928  | 64   | 32774    | 11.61 | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.263  | 101  | 29082    | 12.69 | ug/l   | 97       |
| 8) Diethyl Ether             | 3.684  | 74   | 23046    | 11.69 | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.068  | 101  | 44244    | 12.04 | ug/l   | 98       |
| 10) Methyl Iodide            | 4.275  | 142  | 63803    | 11.95 | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.190  | 59   | 12804    | 56.80 | ug/l # | 90       |
| 12) 1,1-Dichloroethene       | 4.044  | 96   | 46243    | 12.36 | ug/l   | 89       |
| 13) Acrolein                 | 3.897  | 56   | 16369    | 64.80 | ug/l   | 99       |
| 14) Allyl chloride           | 4.678  | 41   | 60980    | 12.45 | ug/l   | 98       |
| 15) Acrylonitrile            | 5.373  | 53   | 42651    | 57.61 | ug/l   | 98       |
| 16) Acetone                  | 4.135  | 43   | 41192    | 66.58 | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.391  | 76   | 122927   | 12.07 | ug/l   | 98       |
| 18) Methyl Acetate           | 4.678  | 43   | 20795    | 11.61 | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.428  | 73   | 56045    | 11.90 | ug/l   | 96       |
| 20) Methylene Chloride       | 4.928  | 84   | 60586    | 11.35 | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.428  | 96   | 51208    | 11.98 | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.318  | 45   | 116756   | 11.74 | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.257  | 43   | 380509   | 56.99 | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.220  | 63   | 91690    | 11.97 | ug/l   | 98       |
| 25) 2-Butanone               | 7.177  | 43   | 59648    | 59.80 | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 7.165  | 77   | 54189    | 12.97 | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 7.171  | 96   | 55903    | 11.80 | ug/l   | 99       |
| 28) Bromochloromethane       | 7.519  | 49   | 35313    | 11.48 | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.537  | 42   | 32421    | 55.73 | ug/l   | 99       |
| 30) Chloroform               | 7.677  | 83   | 92959    | 11.94 | ug/l   | 94       |
| 31) Cyclohexane              | 7.958  | 56   | 82567    | 12.87 | ug/l # | 92       |
| 32) 1,1,1-Trichloroethane    | 7.872  | 97   | 72080    | 12.41 | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.086  | 75   | 76002    | 11.93 | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.256  | 43   | 26408    | 10.70 | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.067  | 117  | 67202    | 11.98 | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.335  | 83   | 83581    | 11.88 | ug/l   | 99       |
| 40) Benzene                  | 8.323  | 78   | 209153   | 11.79 | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052421\  
 Data File : VW019062.D  
 Acq On : 24 May 2021 12:00  
 Operator : SY/VA  
 Sample : VSTDIC010  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Manual Integrations  
 APPROVED

MMDadoda  
 5/25/2021 5:58:31 PM

Quant Time: May 24 13:16:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W052421S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon May 24 13:14:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.482  | 41   | 15371    | 11.21  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.403  | 62   | 60706    | 11.55  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.427  | 43   | 49732    | 10.78  | ug/l   | 100      |
| 44) Trichloroethene           | 9.091  | 130  | 54317    | 11.87  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.372  | 63   | 50011    | 11.64  | ug/l   | 95       |
| 46) Dibromomethane            | 9.463  | 93   | 25766    | 11.07  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.646  | 83   | 65635    | 11.32  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.439  | 41   | 23010    | 10.86  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.463  | 88   | 6136     | 226.03 | ug/l # | 74       |
| 51) 4-Methyl-2-Pentanone      | 10.213 | 43   | 132424   | 55.50  | ug/l   | 99       |
| 52) Toluene                   | 10.390 | 92   | 131501   | 11.71  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.609 | 75   | 62743    | 10.96  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 75121    | 11.01  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 36088    | 11.19  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 42767    | 10.53  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 66215    | 11.51  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 113179   | 54.34  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.969 | 43   | 87604    | 55.02  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.128 | 129  | 39012    | 10.87  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.237 | 107  | 33633    | 10.87  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.866 | 164  | 42763    | 11.51  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.658 | 112  | 134682   | 11.58  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 45200    | 11.38  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.731 | 91   | 255695   | 11.87  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.841 | 106  | 187794   | 23.29  | ug/l   | 97       |
| 69) o-Xylene                  | 12.164 | 106  | 86133    | 11.45  | ug/l   | 98       |
| 70) Styrene                   | 12.182 | 104  | 141612   | 11.06  | ug/l   | 99       |
| 71) Bromoform                 | 12.347 | 173  | 20696    | 10.46  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.463 | 105  | 238005   | 11.61  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.274 | 43   | 45410    | 10.66  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 41582    | 11.31  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 28572m   | 11.05  | ug/l   |          |
| 77) Bromobenzene              | 12.749 | 156  | 51631    | 11.46  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.804 | 91   | 303636   | 12.07  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 169518   | 11.85  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 203647   | 11.66  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 11313    | 10.33  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 179264   | 11.78  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.207 | 119  | 171137   | 11.59  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 201561   | 11.61  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.383 | 105  | 260910   | 11.93  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.499 | 119  | 220661   | 11.66  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 108151   | 11.75  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.578 | 146  | 104321   | 11.42  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.822 | 91   | 223559   | 12.00  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.091 | 117  | 33144    | 11.17  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 93986    | 11.50  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 6394     | 10.85  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.133 | 180  | 68247    | 12.39  | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 15.237 | 225  | 35486    | 11.23  | ug/l   | 91       |
| 95) Naphthalene               | 15.365 | 128  | 110572   | 11.08  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 54577    | 11.48  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052421\  
Data File : VW019062.D  
Acq On : 24 May 2021 12:00  
Operator : SY/VA  
Sample : VSTDIC010  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Manual Integrations  
APPROVED

MMDadoda  
5/25/2021 5:58:31 PM

Quant Time: May 24 13:16:29 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W052421S.M  
Quant Title : SW846 8260  
QLast Update : Mon May 24 13:14:17 2021  
Response via : Initial Calibration

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

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

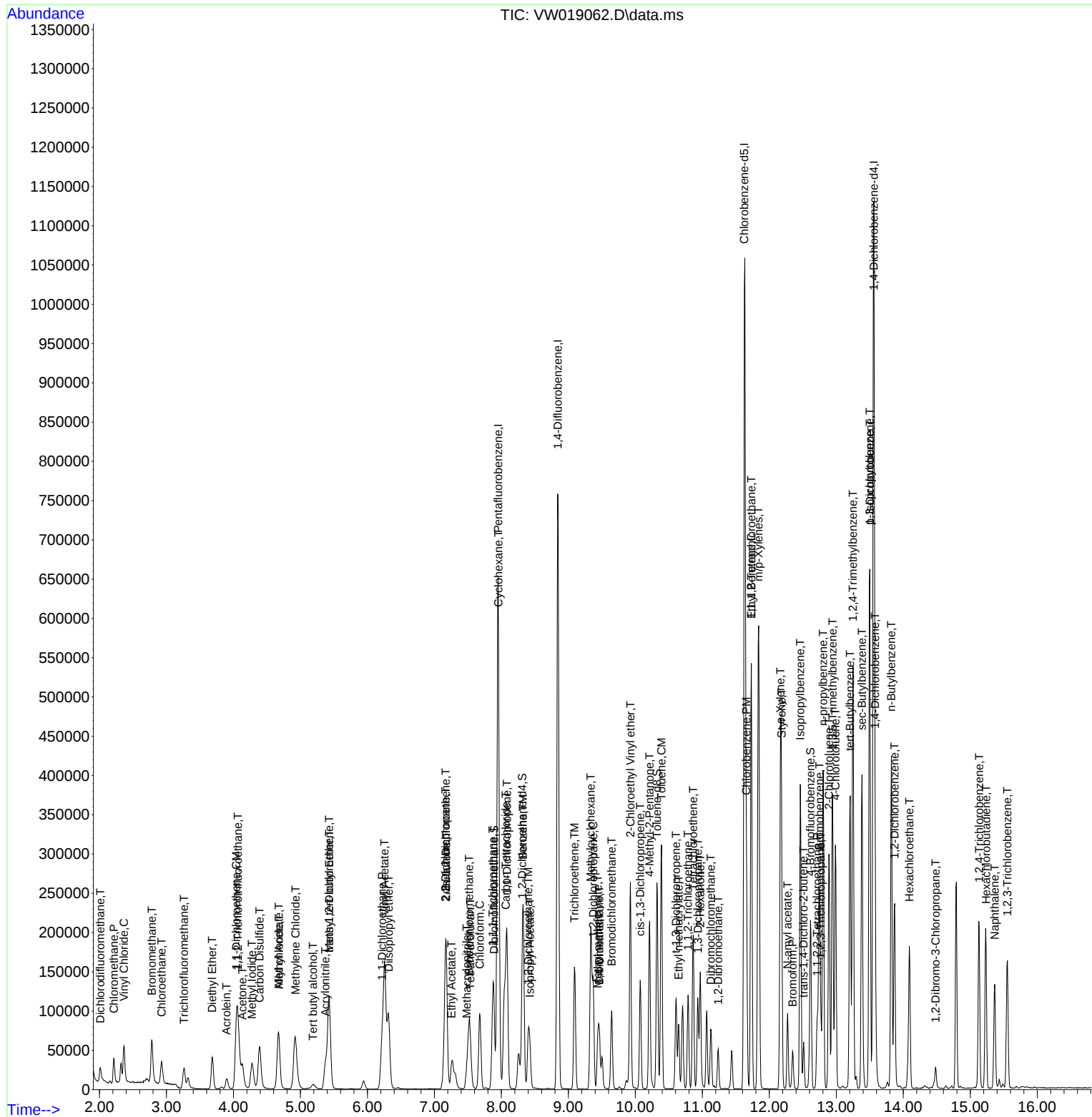
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Data File : VW019062.D  
Acq On : 24 May 2021 12:00  
Operator : SY/VA  
Sample : VSTDIC010  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

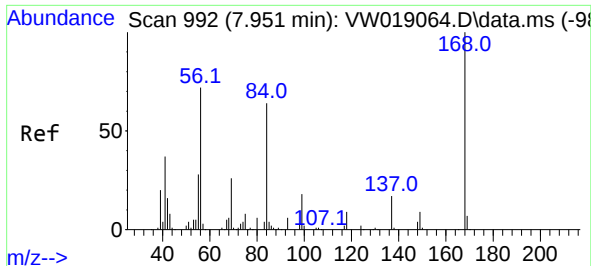
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Manual Integrations  
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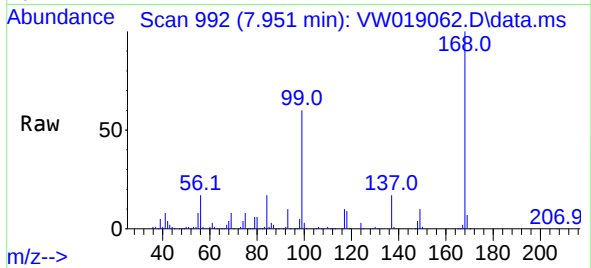
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Quant Time: May 24 13:16:29 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W052421S.M  
Quant Title : SW846 8260  
QLast Update : Mon May 24 13:14:17 2021  
Response via : Initial Calibration

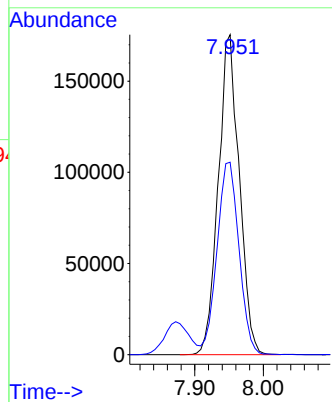
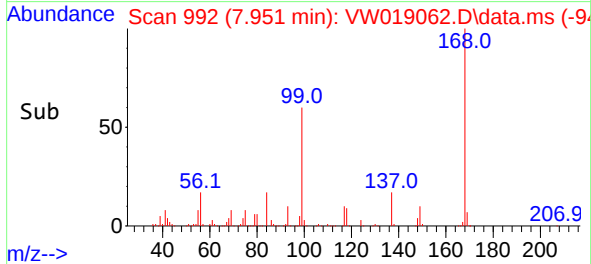




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.951 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



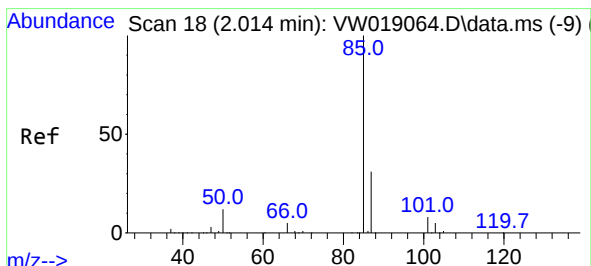
Tgt Ion: 168 Resp: 372272  
Ion Ratio Lower Upper  
168 100  
99 60.1 48.8 73.2



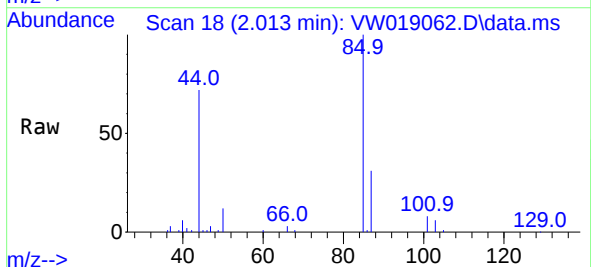
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Manual Integrations  
APPROVED

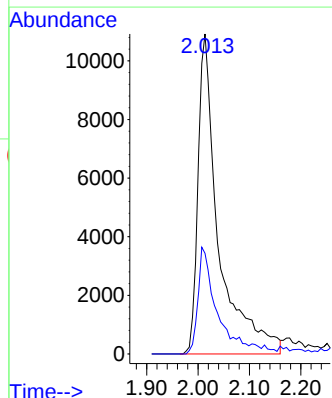
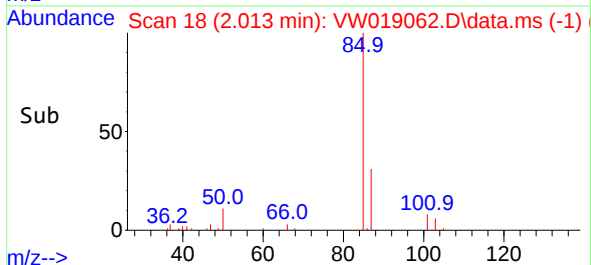
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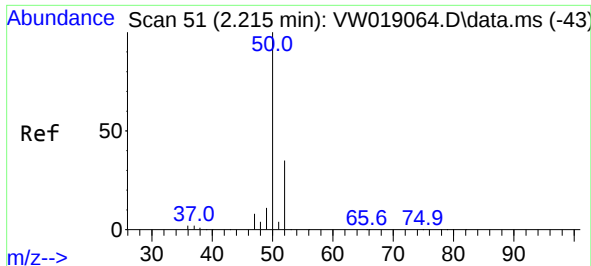


#2  
Dichlorodifluoromethane  
Concen: 12.21 ug/l  
RT: 2.013 min Scan# 18  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



Tgt Ion: 85 Resp: 30471  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.7 50.0





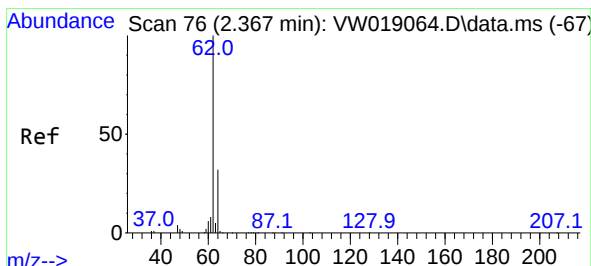
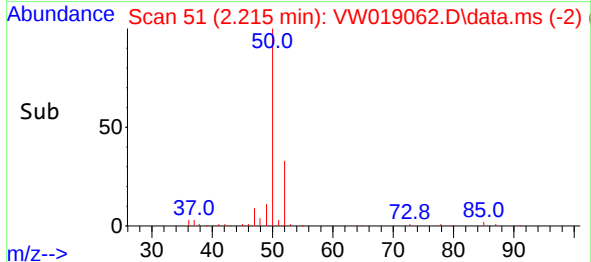
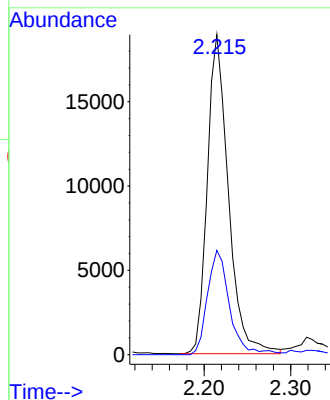
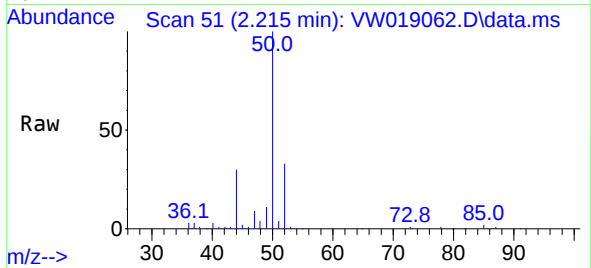
#3  
Chloromethane  
Concen: 11.62 ug/l  
RT: 2.215 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 50 Resp: 31980  
Ion Ratio Lower Upper  
50 100  
52 32.7 26.9 40.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

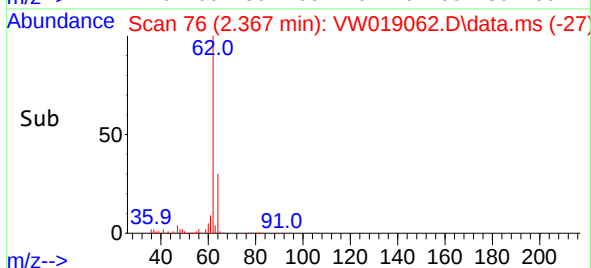
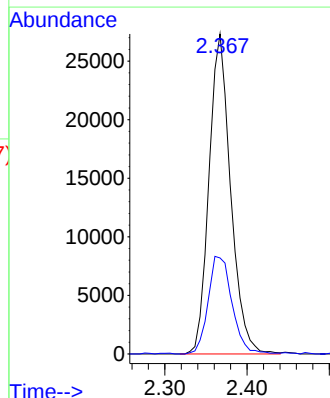
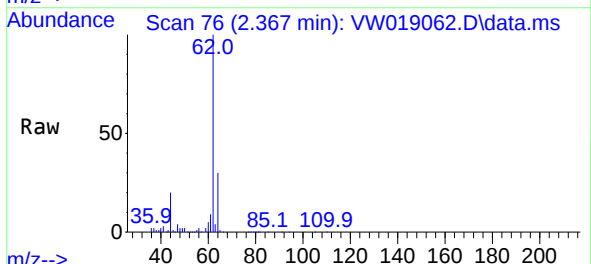
Manual Integrations  
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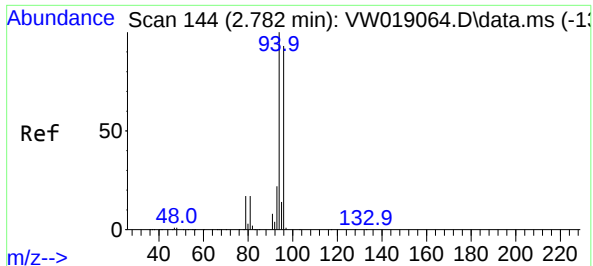
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5/25/2021 5:58:31 PM



#4  
Vinyl Chloride  
Concen: 12.11 ug/l  
RT: 2.367 min Scan# 76  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 62 Resp: 49897  
Ion Ratio Lower Upper  
62 100  
64 30.0 25.3 37.9





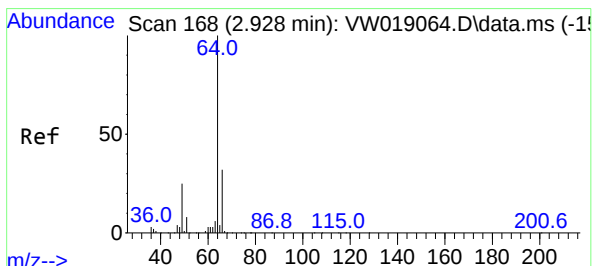
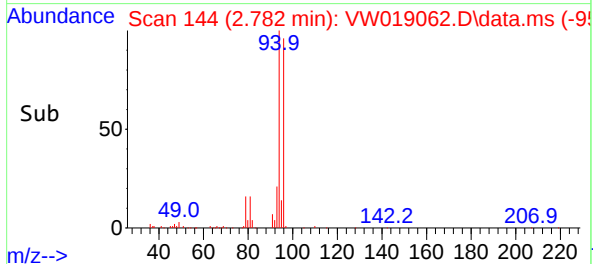
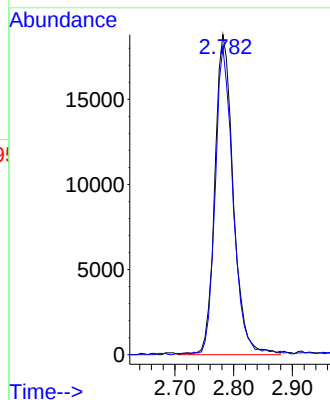
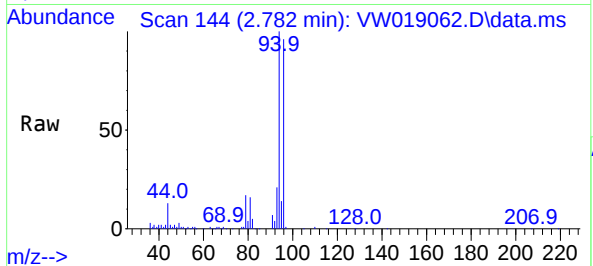
#5  
Bromomethane  
Concen: 11.93 ug/l  
RT: 2.782 min Scan# 144  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 94 Resp: 41013  
Ion Ratio Lower Upper  
94 100  
96 95.6 76.4 114.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

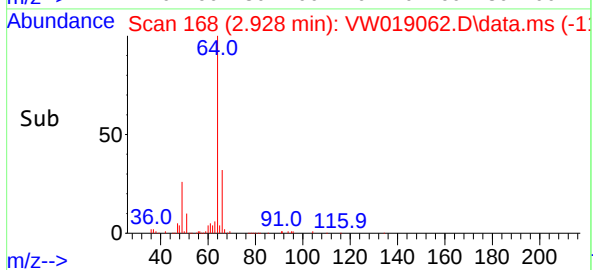
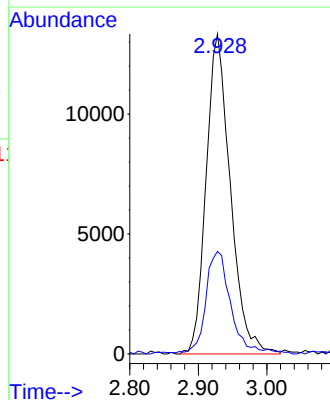
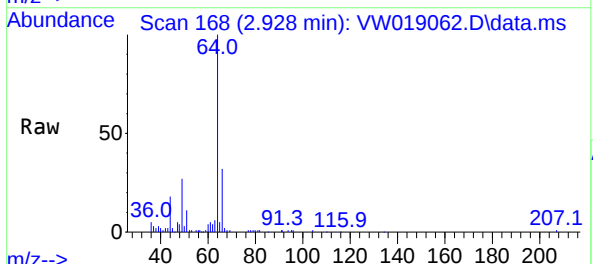
Manual Integrations  
APPROVED

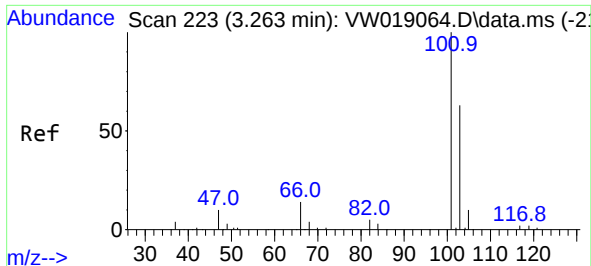
MMDadoda  
5/25/2021 5:58:31 PM



#6  
Chloroethane  
Concen: 11.61 ug/l  
RT: 2.928 min Scan# 168  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 64 Resp: 32774  
Ion Ratio Lower Upper  
64 100  
66 31.2 25.9 38.9





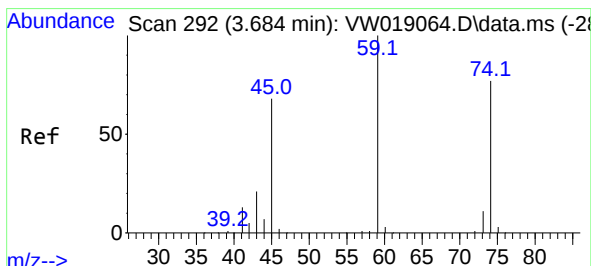
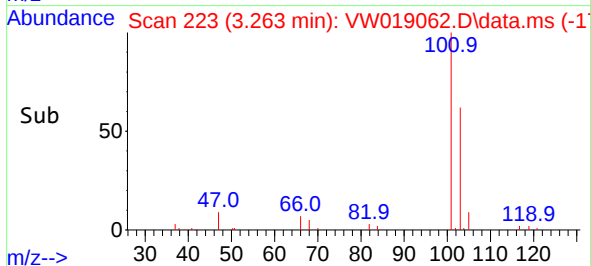
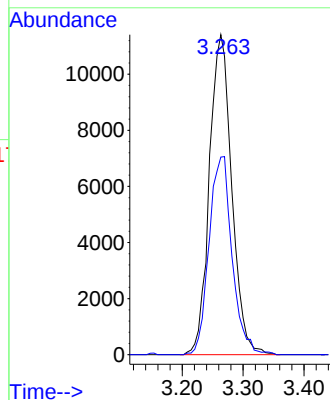
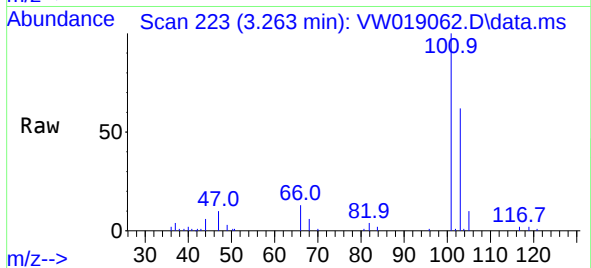
#7  
Trichlorofluoromethane  
Concen: 12.69 ug/l  
RT: 3.263 min Scan# 223  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion:101 Resp: 29082  
Ion Ratio Lower Upper  
101 100  
103 61.7 51.4 77.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

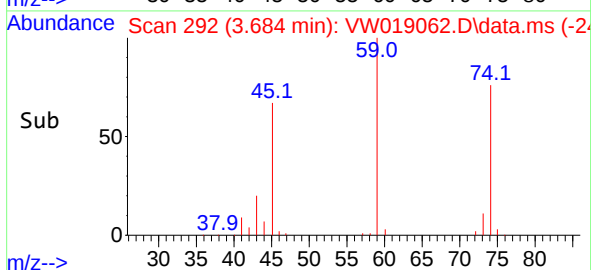
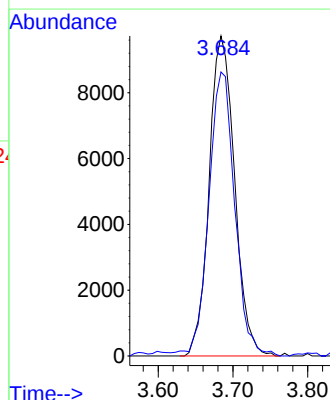
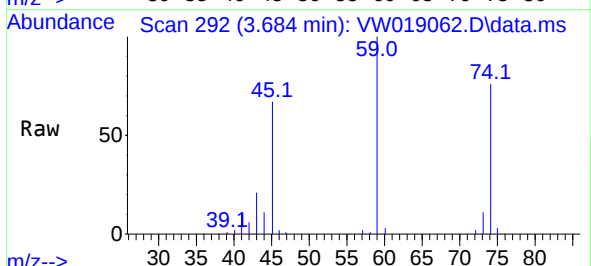
Manual Integrations  
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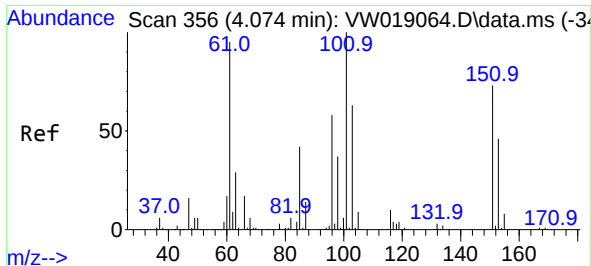
MMDadoda  
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#8  
Diethyl Ether  
Concen: 11.69 ug/l  
RT: 3.684 min Scan# 292  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 74 Resp: 23046  
Ion Ratio Lower Upper  
74 100  
45 90.7 43.3 129.8





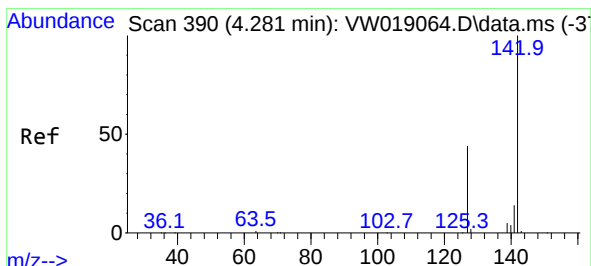
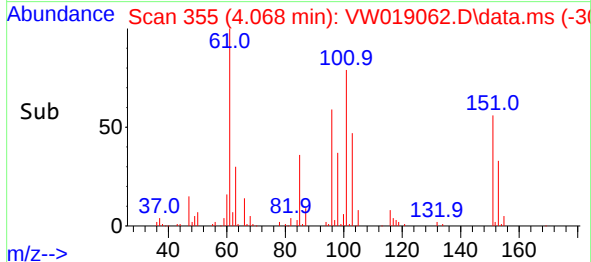
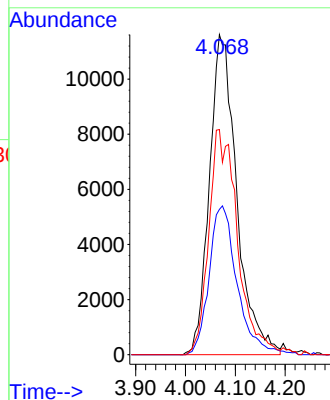
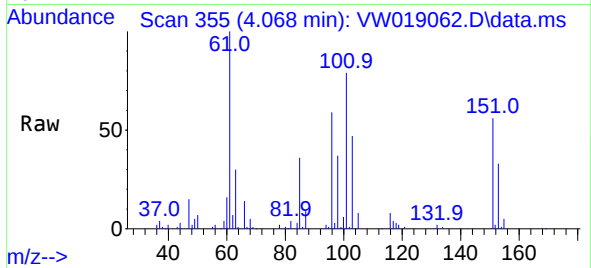
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 12.04 ug/l  
RT: 4.068 min Scan# 355  
Delta R.T. -0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion:101 Resp: 44244  
Ion Ratio Lower Upper  
101 100  
85 47.8 35.9 53.9  
151 73.9 59.8 89.6

Instrument :  
MSVOA\_W  
ClientSampleId :  
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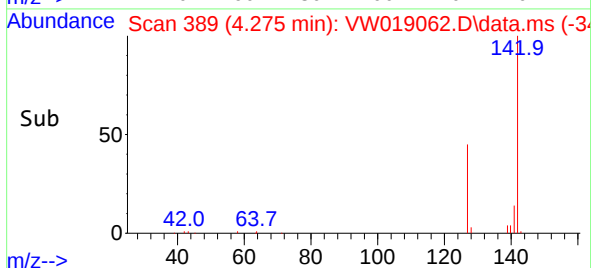
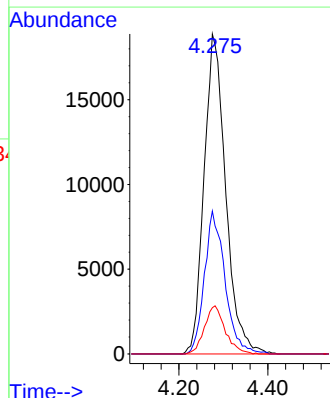
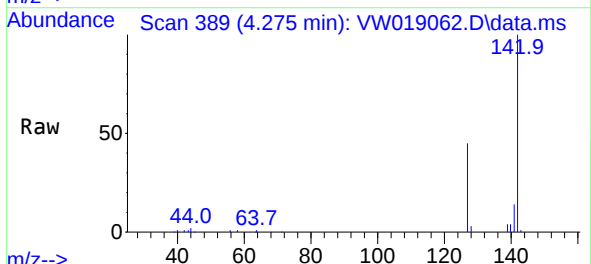
Manual Integrations  
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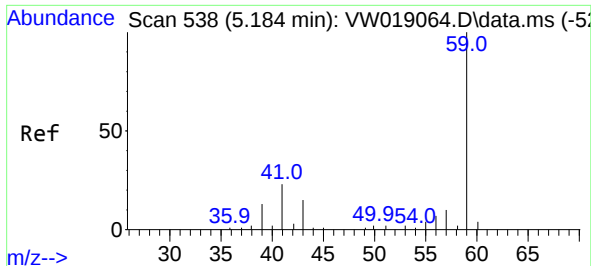
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#10  
Methyl Iodide  
Concen: 11.95 ug/l  
RT: 4.275 min Scan# 389  
Delta R.T. -0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion:142 Resp: 63803  
Ion Ratio Lower Upper  
142 100  
127 42.8 33.7 50.5  
141 14.5 11.2 16.8





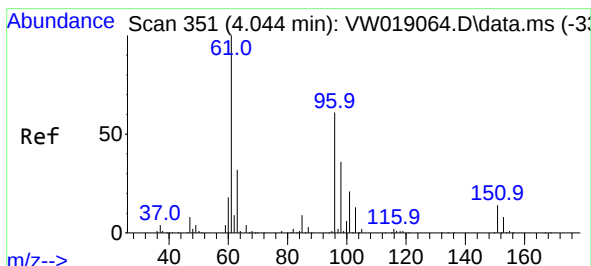
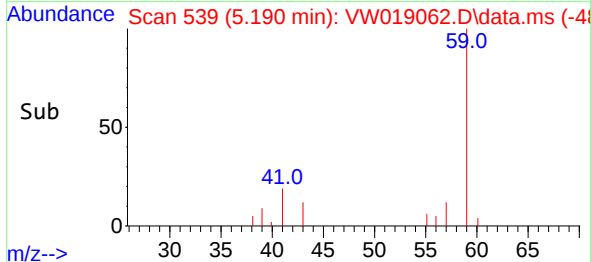
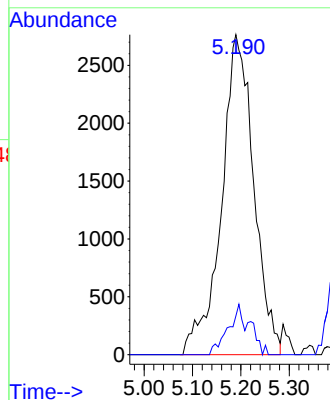
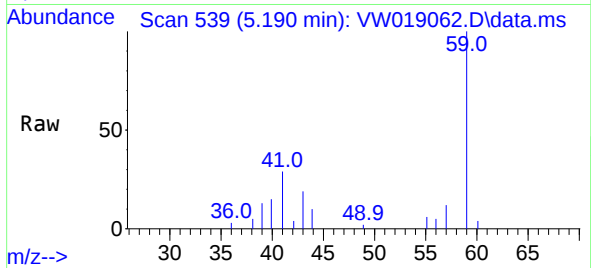
#11  
Tert butyl alcohol  
Concen: 56.80 ug/l  
RT: 5.190 min Scan# 539  
Delta R.T. 0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 59 Resp: 12804  
Ion Ratio Lower Upper  
59 100  
57 7.3 8.9 13.3#

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

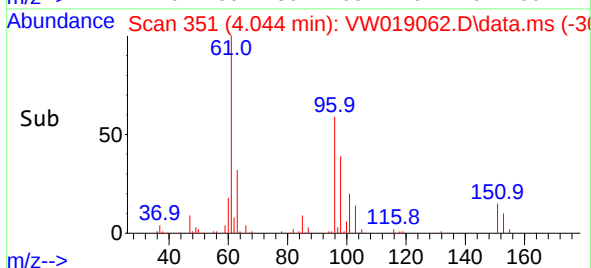
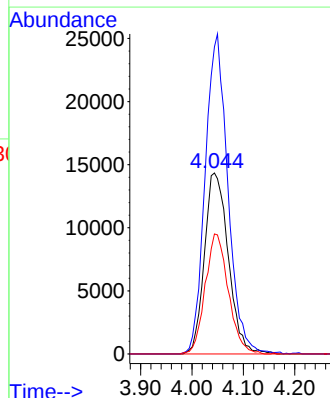
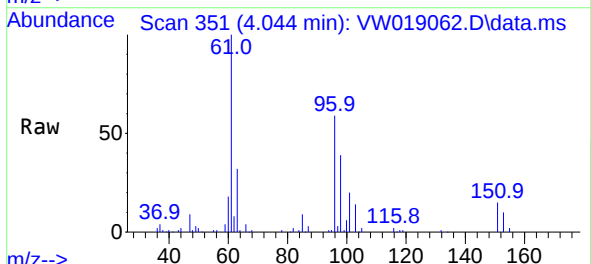
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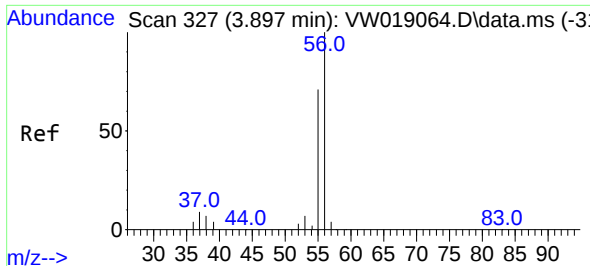
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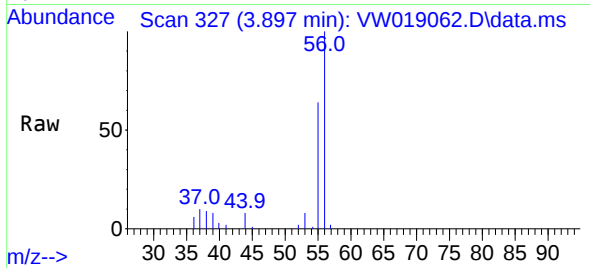
#12  
1,1-Dichloroethene  
Concen: 12.36 ug/l  
RT: 4.044 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 96 Resp: 46243  
Ion Ratio Lower Upper  
96 100  
61 169.7 123.0 184.4  
98 66.3 47.5 71.3

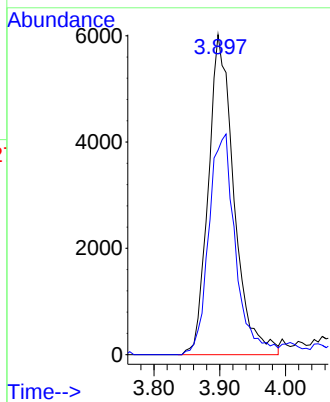
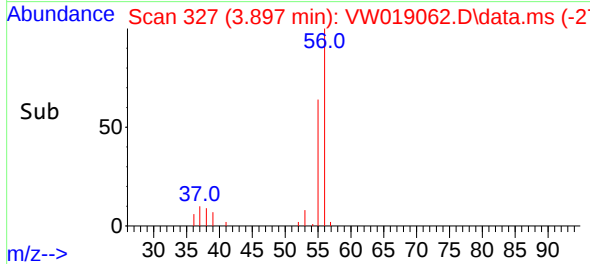




#13  
Acrolein  
Concen: 64.80 ug/l  
RT: 3.897 min Scan# 327  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



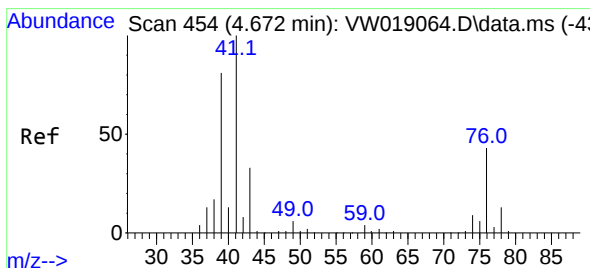
Tgt Ion: 56 Resp: 16369  
Ion Ratio Lower Upper  
56 100  
55 71.6 56.7 85.1



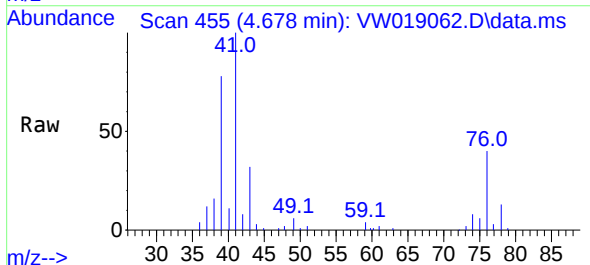
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Manual Integrations  
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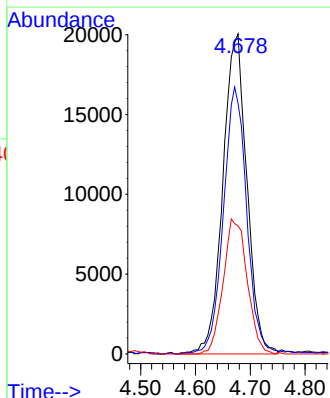
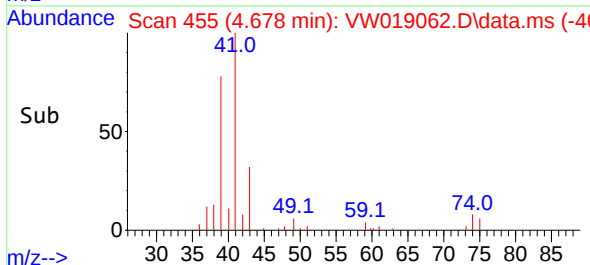
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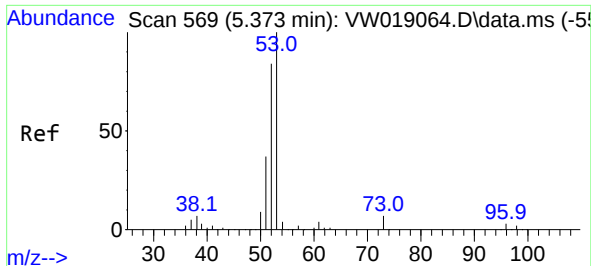


#14  
Allyl chloride  
Concen: 12.45 ug/l  
RT: 4.678 min Scan# 455  
Delta R.T. 0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

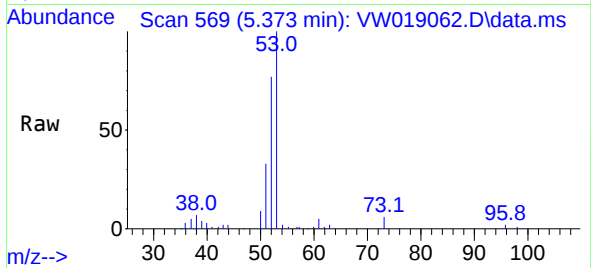


Tgt Ion: 41 Resp: 60980  
Ion Ratio Lower Upper  
41 100  
39 81.4 63.9 95.9  
76 42.1 35.1 52.7

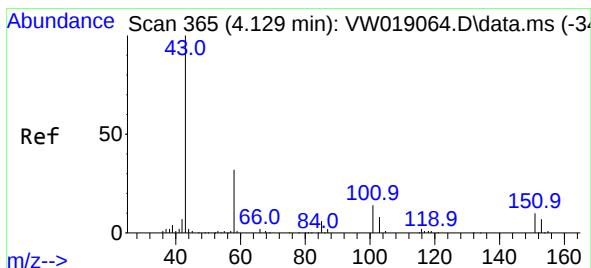
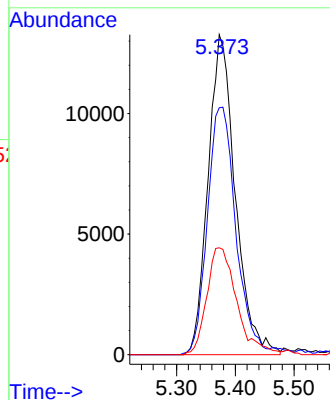
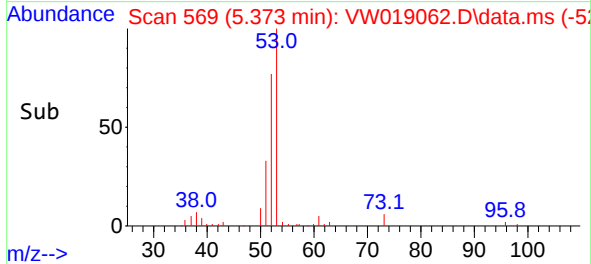




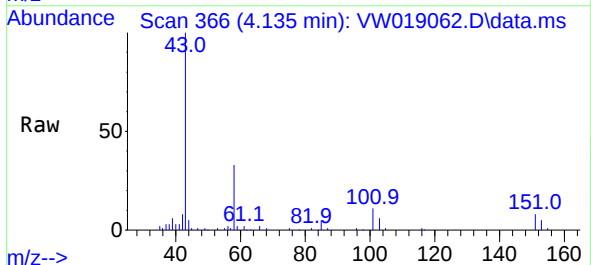
#15  
Acrylonitrile  
Concen: 57.61 ug/l  
RT: 5.373 min Scan# 569  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



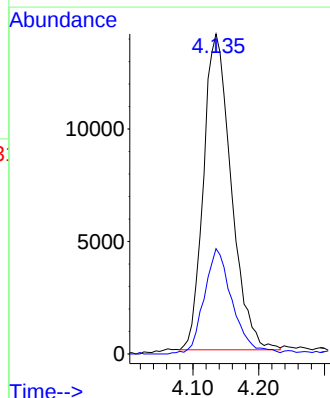
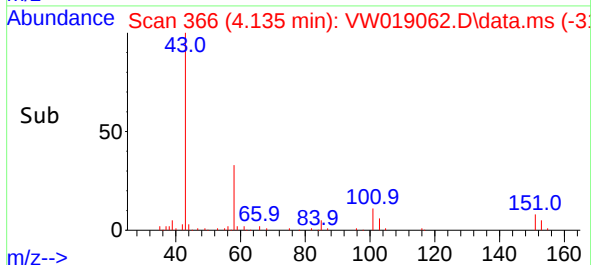
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 42651 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.8  | 66.5  | 99.7  |
| 51       | 36.8  | 29.8  | 44.8  |



#16  
Acetone  
Concen: 66.58 ug/l  
RT: 4.135 min Scan# 366  
Delta R.T. 0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



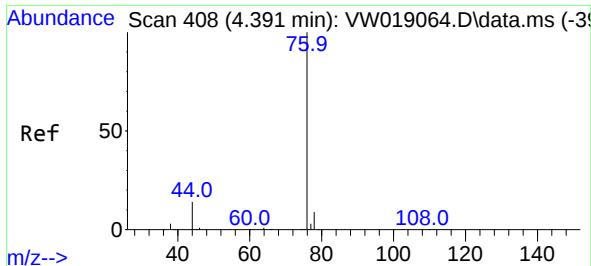
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 41192 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 32.9  | 26.4  | 39.6  |



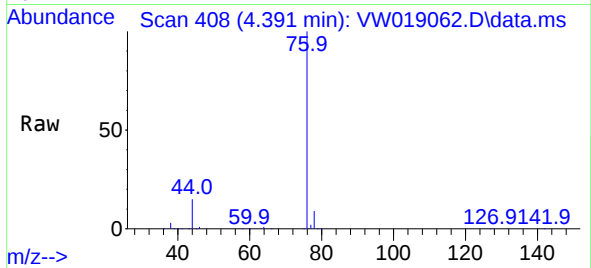
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

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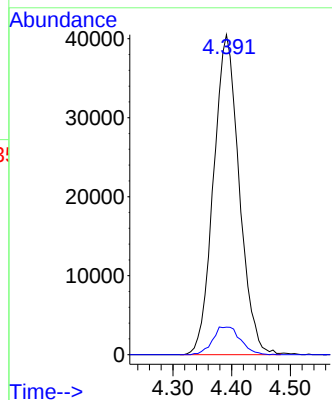
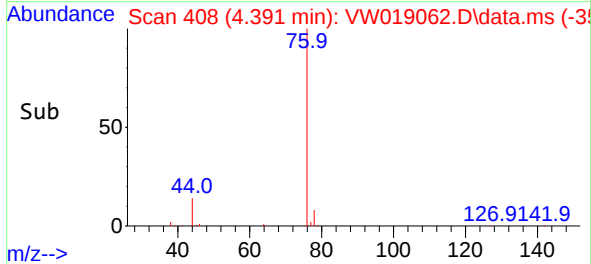
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#17  
Carbon Disulfide  
Concen: 12.07 ug/l  
RT: 4.391 min Scan# 408  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



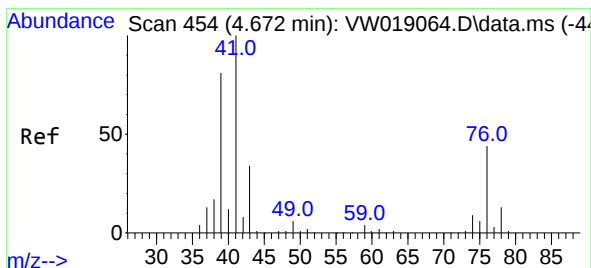
Tgt Ion: 76 Resp: 122927  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.4 11.2



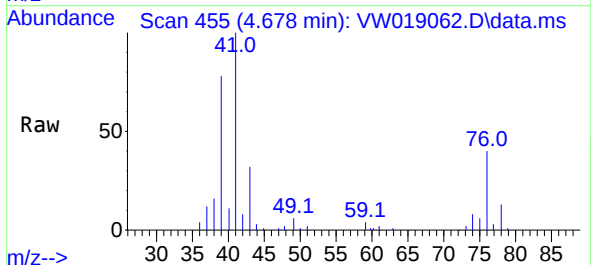
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Manual Integrations  
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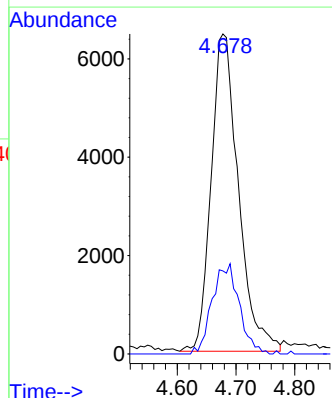
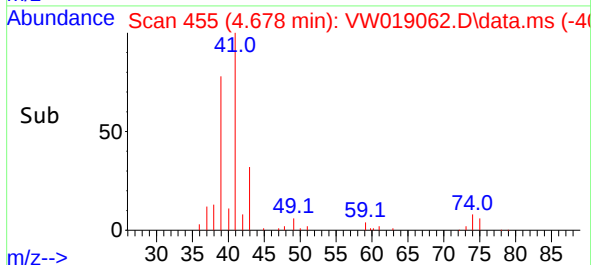
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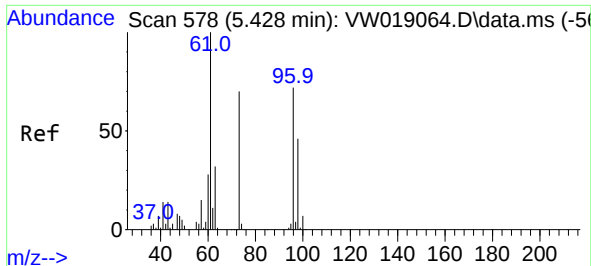


#18  
Methyl Acetate  
Concen: 11.61 ug/l  
RT: 4.678 min Scan# 455  
Delta R.T. 0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



Tgt Ion: 43 Resp: 20795  
Ion Ratio Lower Upper  
43 100  
74 28.1 21.8 32.8





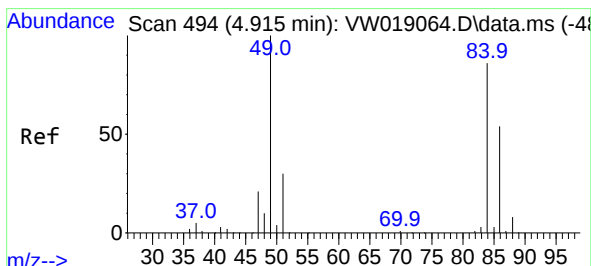
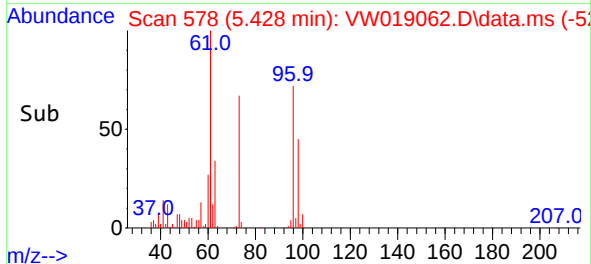
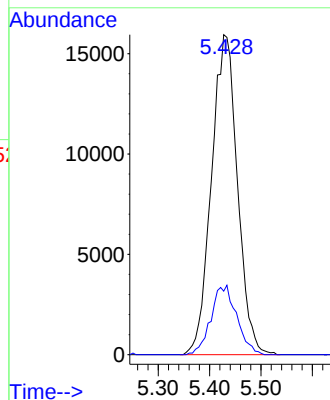
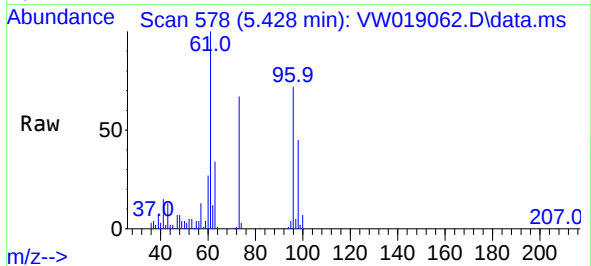
#19  
Methyl tert-butyl Ether  
Concen: 11.90 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 73 Resp: 56045  
Ion Ratio Lower Upper  
73 100  
57 19.9 17.4 26.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

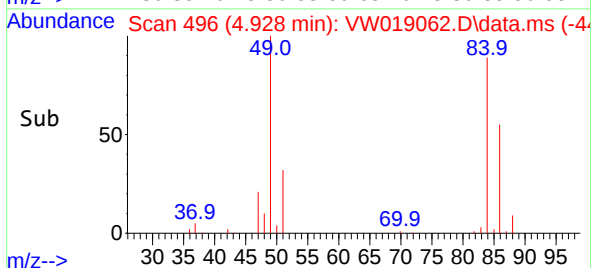
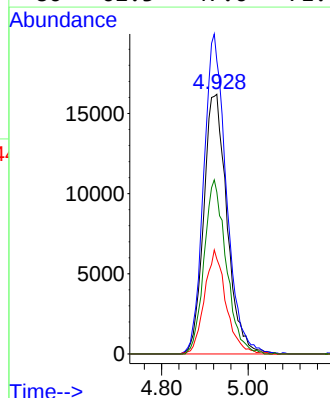
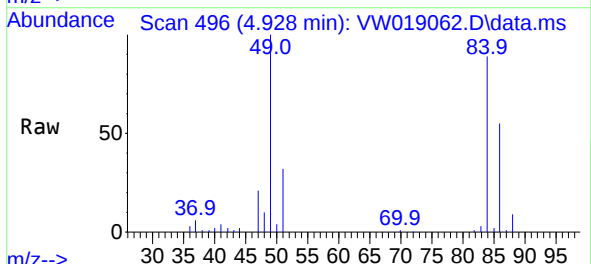
Manual Integrations  
APPROVED

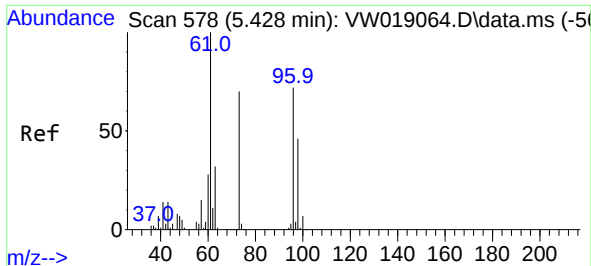
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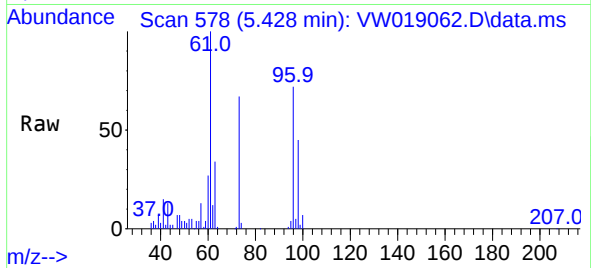
#20  
Methylene Chloride  
Concen: 11.35 ug/l  
RT: 4.928 min Scan# 496  
Delta R.T. 0.012 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 84 Resp: 60586  
Ion Ratio Lower Upper  
84 100  
49 112.9 90.4 135.6  
51 36.5 27.1 40.7  
86 62.3 47.6 71.4



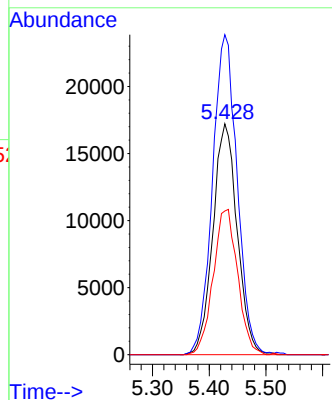


#21  
trans-1,2-Dichloroethene  
Concen: 11.98 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



Tgt Ion: 96 Resp: 51208

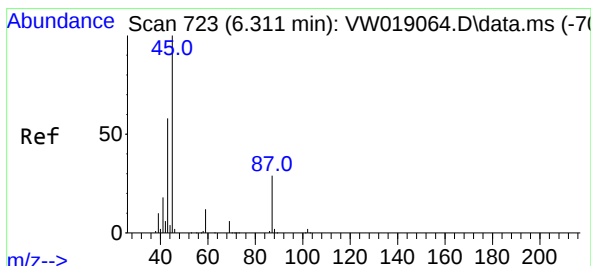
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 138.6 | 108.5 | 162.7 |
| 98  | 62.3  | 49.4  | 74.0  |



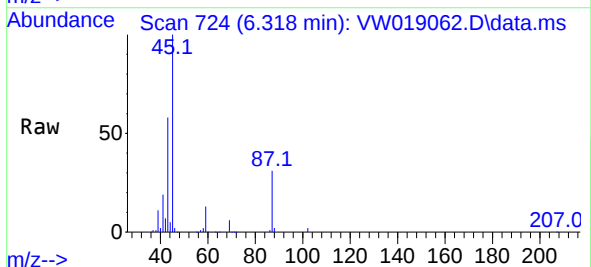
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

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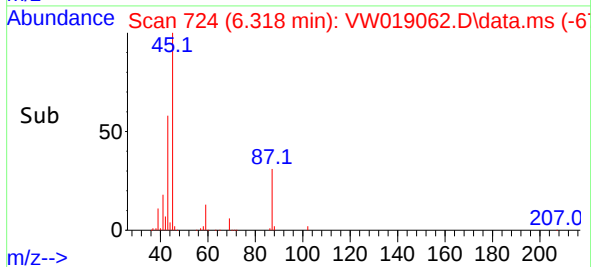
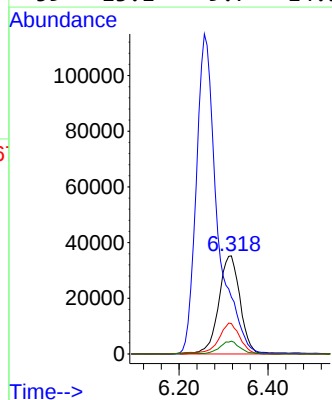


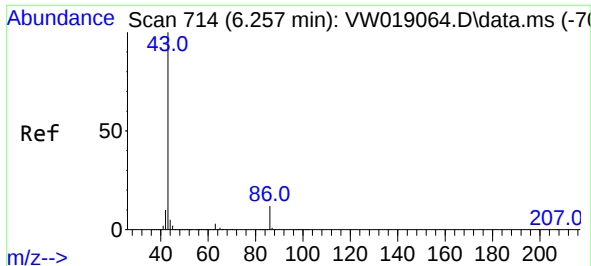
#22  
Diisopropyl ether  
Concen: 11.74 ug/l  
RT: 6.318 min Scan# 724  
Delta R.T. 0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



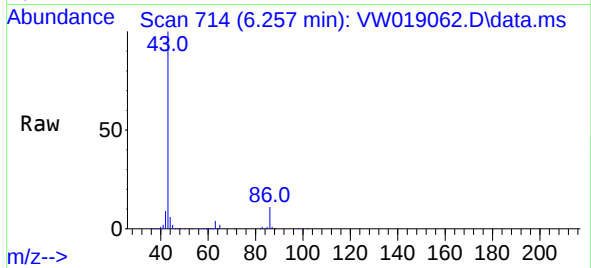
Tgt Ion: 45 Resp: 116756

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 56.7  | 46.1  | 69.1  |
| 87  | 31.0  | 23.4  | 35.2  |
| 59  | 13.1  | 9.7   | 14.5  |

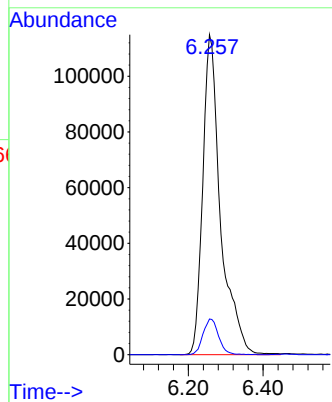
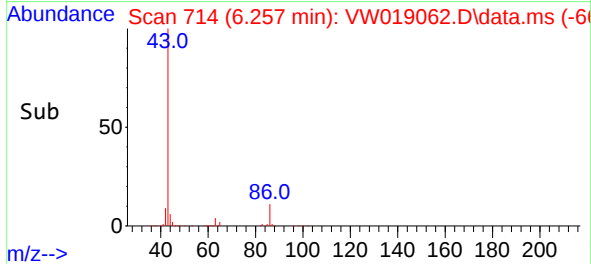




#23  
 Vinyl Acetate  
 Concen: 56.99 ug/l  
 RT: 6.257 min Scan# 714  
 Delta R.T. -0.000 min  
 Lab File: VW019062.D  
 Acq: 24 May 2021 12:00



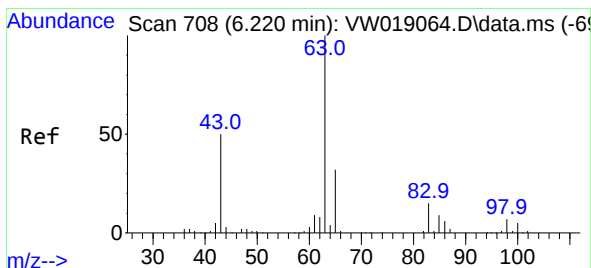
Tgt Ion: 43 Resp: 380509  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 9.6 14.4



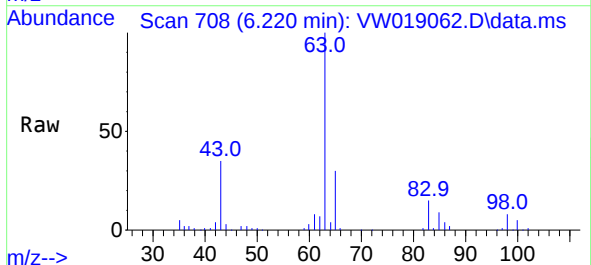
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

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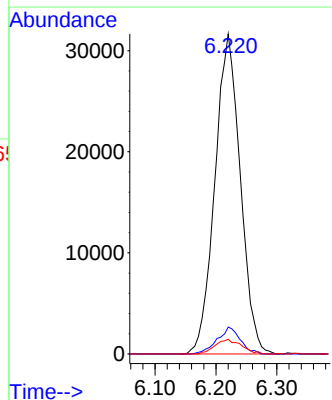
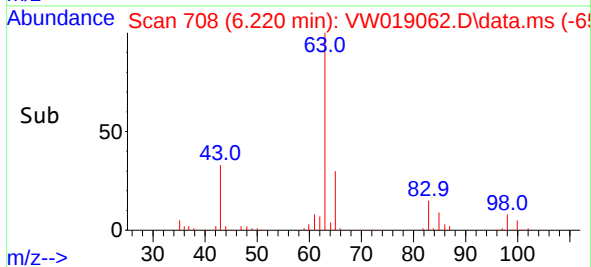
MMDadoda  
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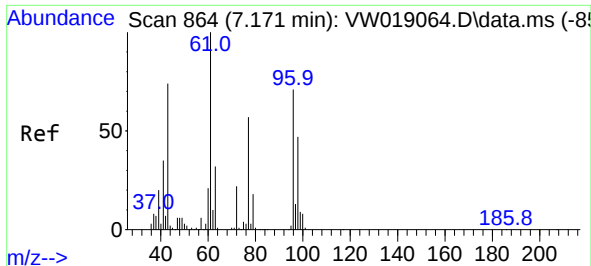


#24  
 1,1-Dichloroethane  
 Concen: 11.97 ug/l  
 RT: 6.220 min Scan# 708  
 Delta R.T. -0.000 min  
 Lab File: VW019062.D  
 Acq: 24 May 2021 12:00

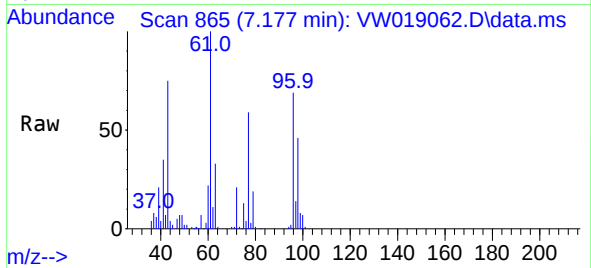


Tgt Ion: 63 Resp: 91690  
 Ion Ratio Lower Upper  
 63 100  
 98 8.4 3.6 10.9  
 100 4.6 2.3 6.8

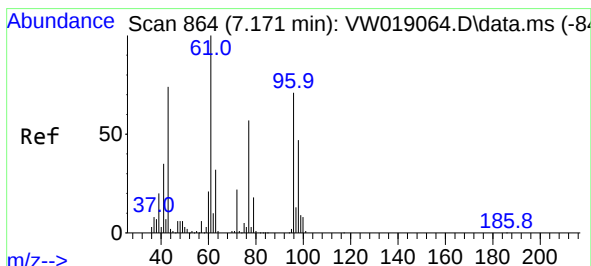
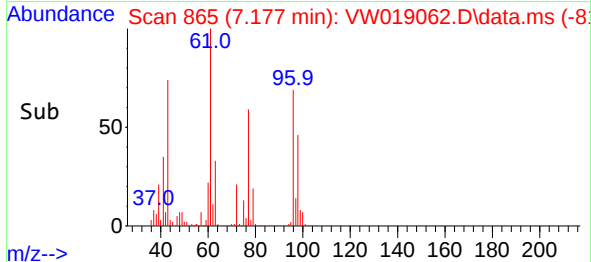
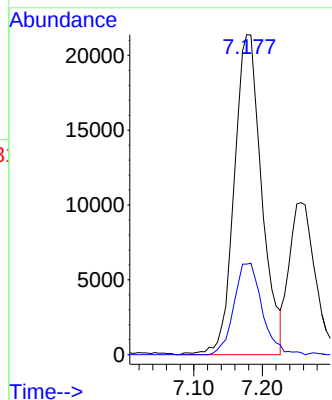




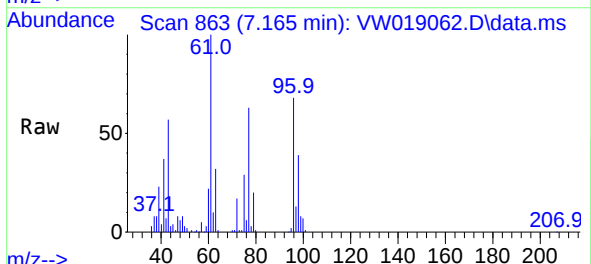
#25  
2-Butanone  
Concen: 59.80 ug/l  
RT: 7.177 min Scan# 865  
Delta R.T. 0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



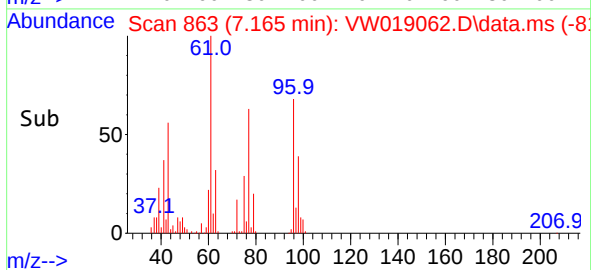
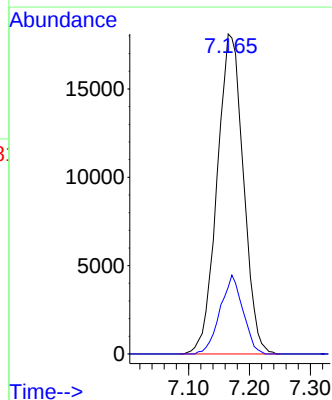
Tgt Ion: 43 Resp: 59648  
Ion Ratio Lower Upper  
43 100  
72 28.3 24.0 36.0



#26  
2,2-Dichloropropane  
Concen: 12.97 ug/l  
RT: 7.165 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



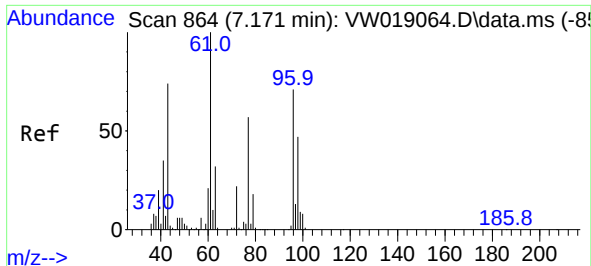
Tgt Ion: 77 Resp: 54189  
Ion Ratio Lower Upper  
77 100  
97 21.4 11.8 35.3



Instrument :  
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ClientSampled :  
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#27

cis-1,2-Dichloroethene

Concen: 11.80 ug/l

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW019062.D

Acq: 24 May 2021 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 55903 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 142.5 | 0.0   | 281.2 |
| 98       | 64.4  | 0.0   | 127.4 |

Instrument :

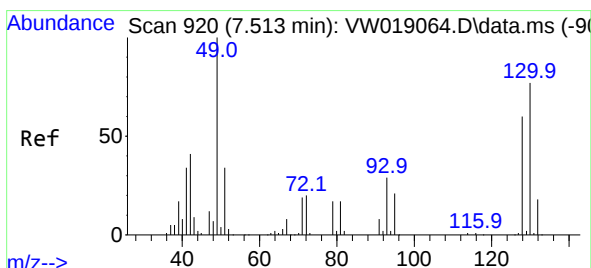
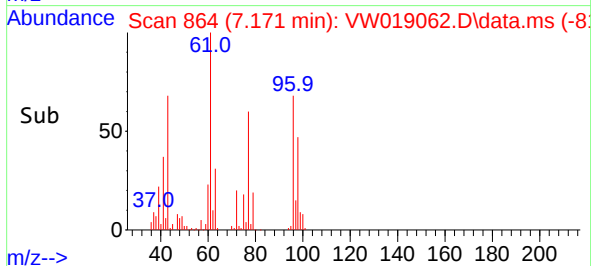
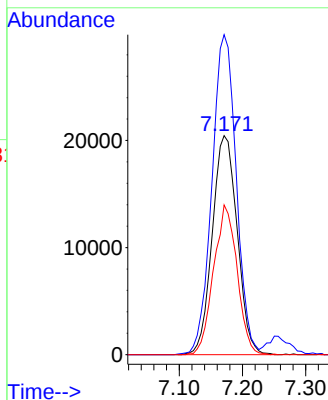
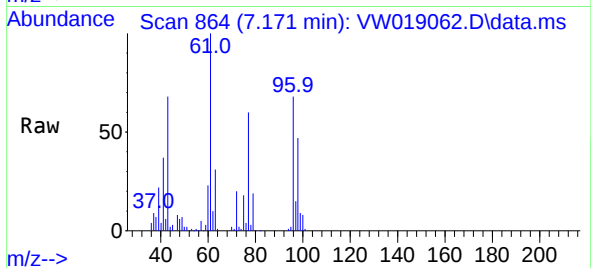
MSVOA\_W

ClientSampleId :

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#28

Bromochloromethane

Concen: 11.48 ug/l

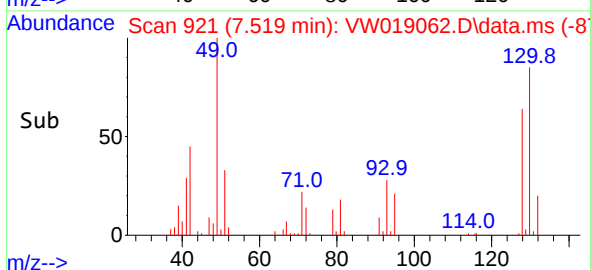
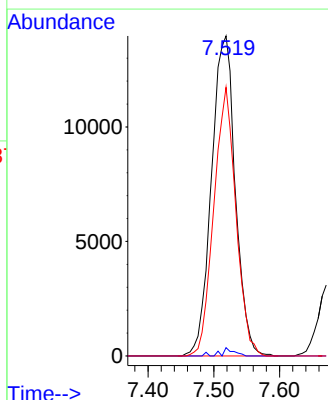
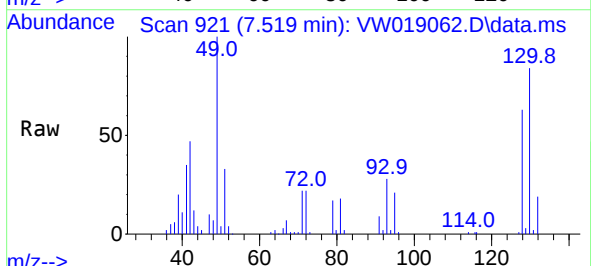
RT: 7.519 min Scan# 921

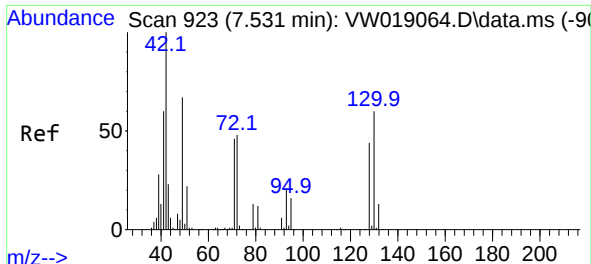
Delta R.T. 0.006 min

Lab File: VW019062.D

Acq: 24 May 2021 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 35313 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.2   | 0.0   | 4.4   |
| 130      | 77.6  | 63.0  | 94.4  |





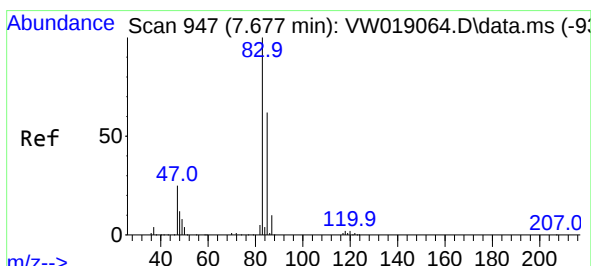
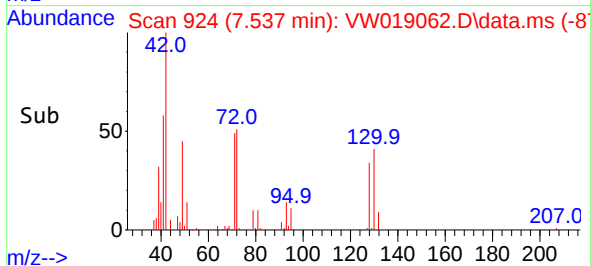
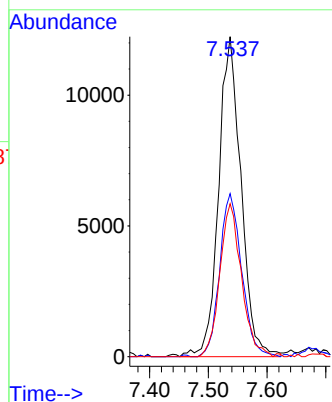
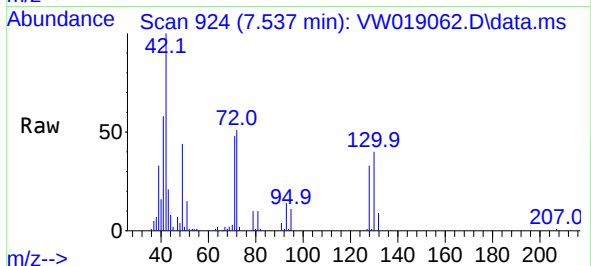
#29  
Tetrahydrofuran  
Concen: 55.73 ug/l  
RT: 7.537 min Scan# 924  
Delta R.T. 0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 42 Resp: 32421  
Ion Ratio Lower Upper  
42 100  
72 50.1 40.1 60.1  
71 46.1 38.3 57.5

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

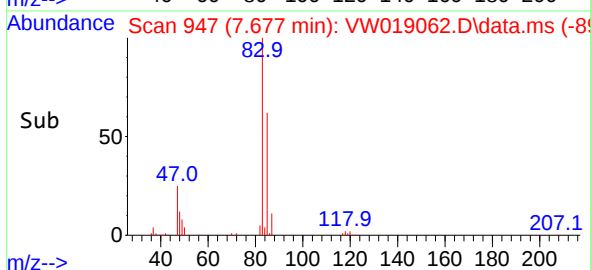
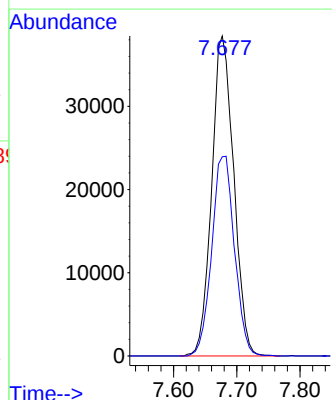
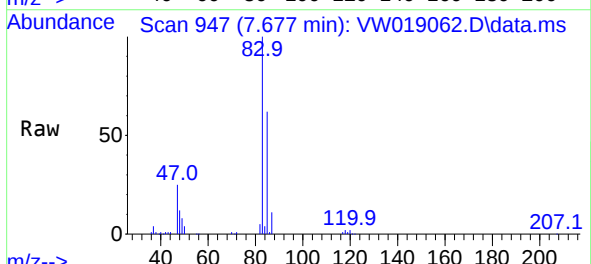
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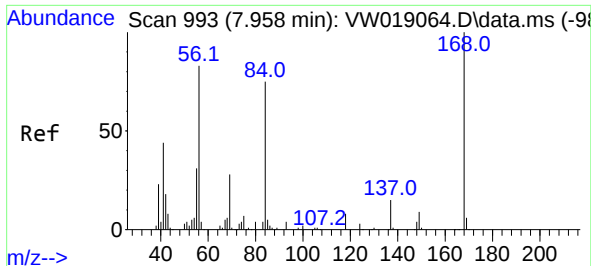
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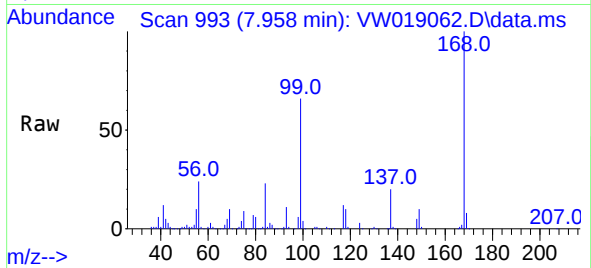
#30  
Chloroform  
Concen: 11.94 ug/l  
RT: 7.677 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 83 Resp: 92959  
Ion Ratio Lower Upper  
83 100  
85 62.3 53.4 80.0

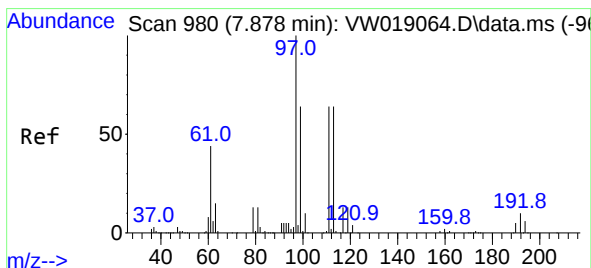
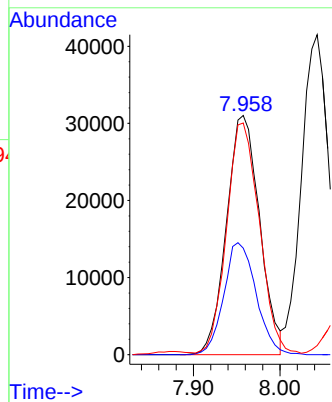
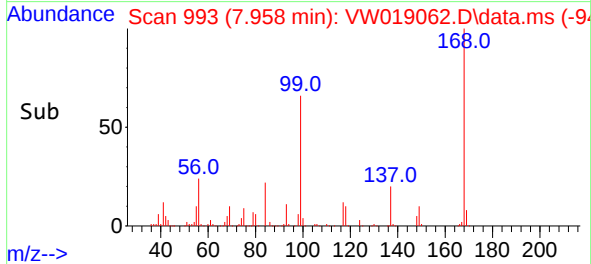




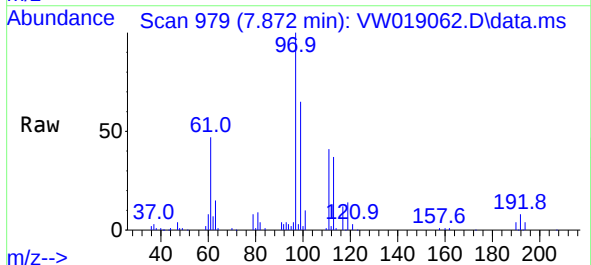
#31  
Cyclohexane  
Concen: 12.87 ug/l  
RT: 7.958 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



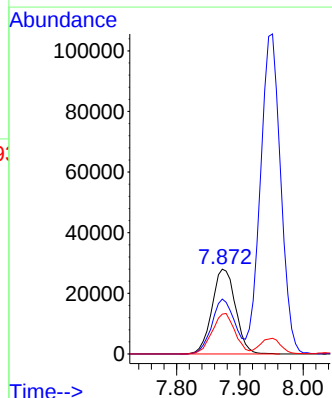
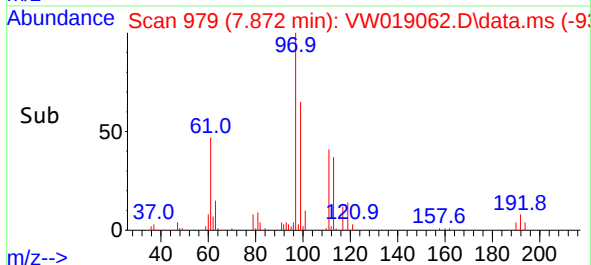
Tgt Ion: 56 Resp: 82567  
Ion Ratio Lower Upper  
56 100  
69 44.5 28.4 42.6#  
84 95.7 72.3 108.5



#32  
1,1,1-Trichloroethane  
Concen: 12.41 ug/l  
RT: 7.872 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



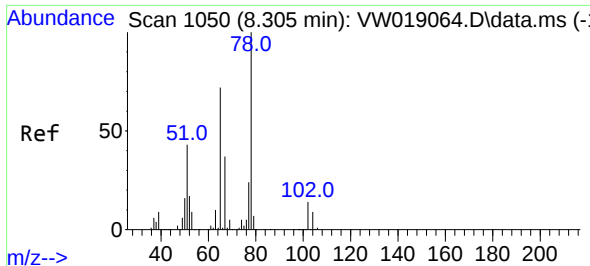
Tgt Ion: 97 Resp: 72080  
Ion Ratio Lower Upper  
97 100  
99 64.2 52.2 78.4  
61 46.6 36.7 55.1



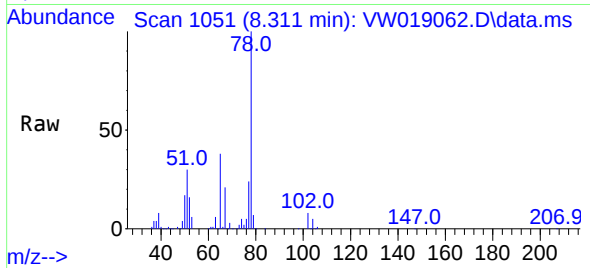
Instrument :  
MSVOA\_W  
ClientSampled :  
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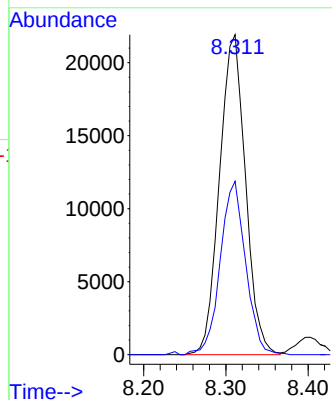
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#33  
1,2-Dichloroethane-d4  
Concen: 12.36 ug/l  
RT: 8.311 min Scan# 1051  
Delta R.T. 0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



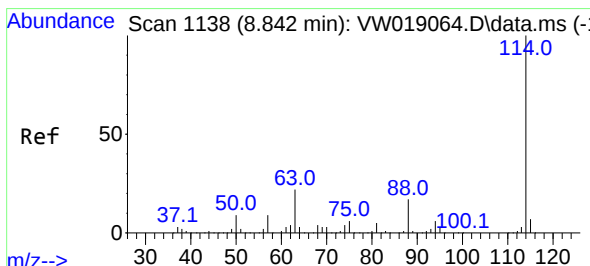
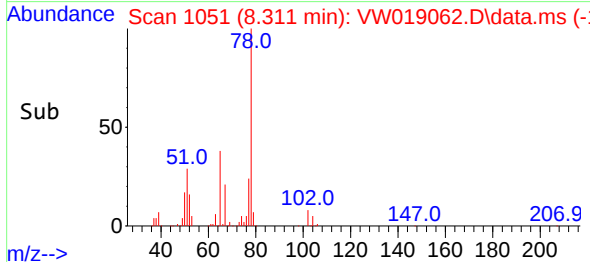
Tgt Ion: 65 Resp: 48088  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 104.0



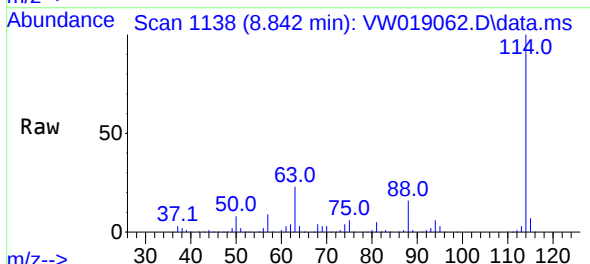
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

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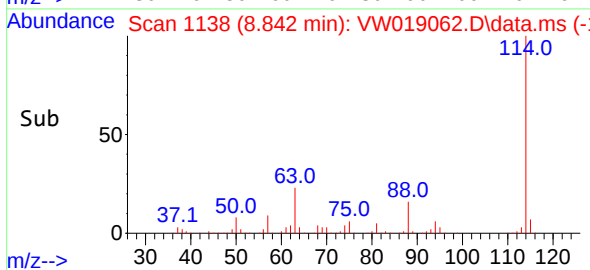
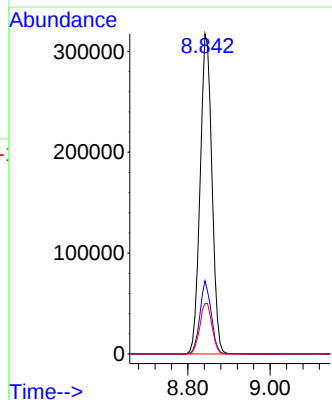
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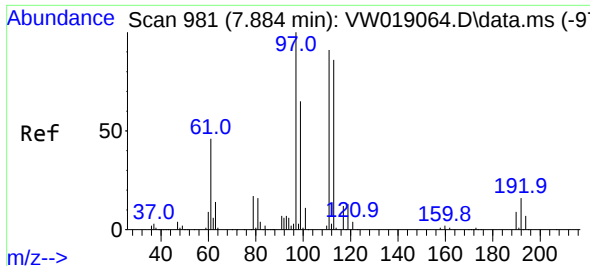


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



Tgt Ion: 114 Resp: 630041  
Ion Ratio Lower Upper  
114 100  
63 22.9 0.0 42.4  
88 15.8 0.0 33.2





#35  
Dibromofluoromethane  
Concen: 11.88 ug/l  
RT: 7.890 min Scan# 982  
Delta R.T. 0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

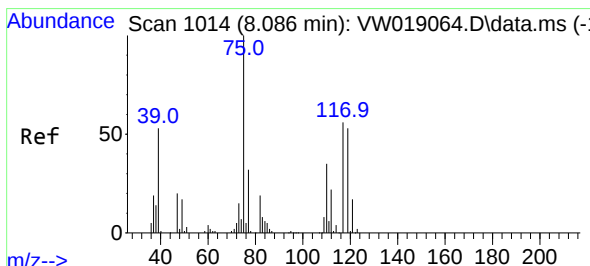
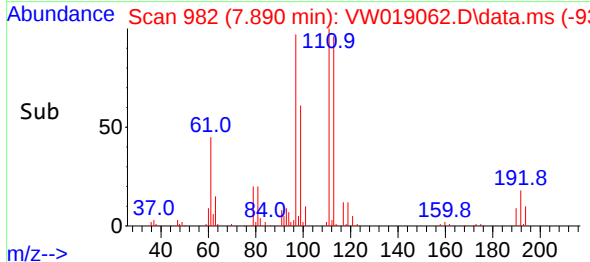
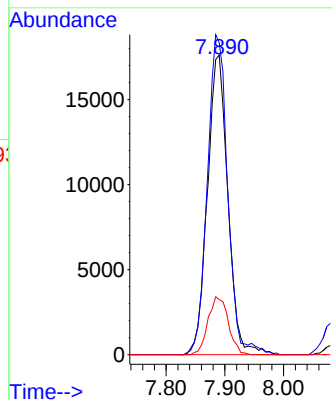
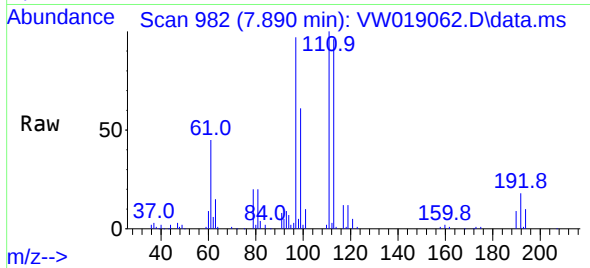
Tgt Ion: 113 Resp: 42687

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 106.2 | 82.3  | 123.5 |
| 192 | 19.1  | 15.3  | 22.9  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
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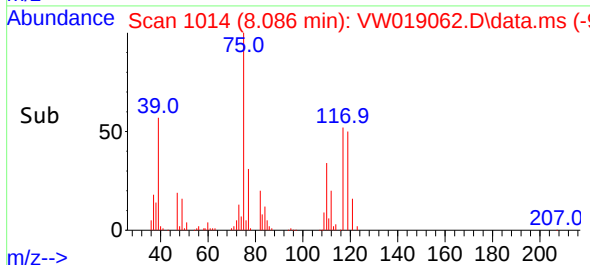
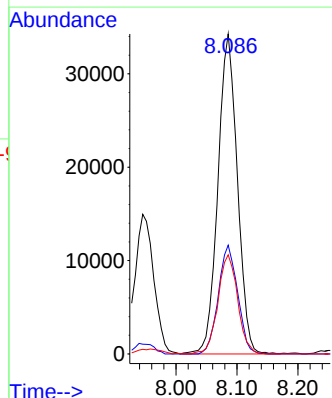
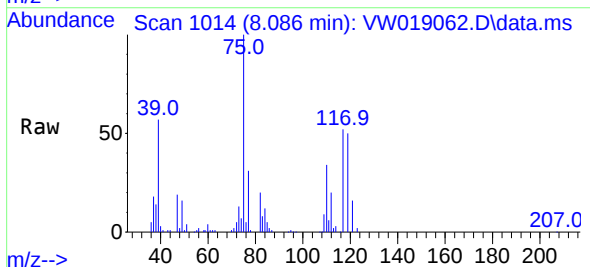
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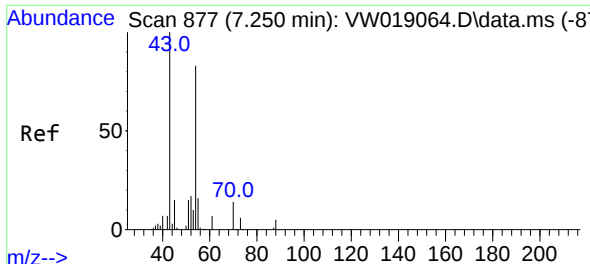


#36  
1,1-Dichloropropene  
Concen: 11.93 ug/l  
RT: 8.086 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

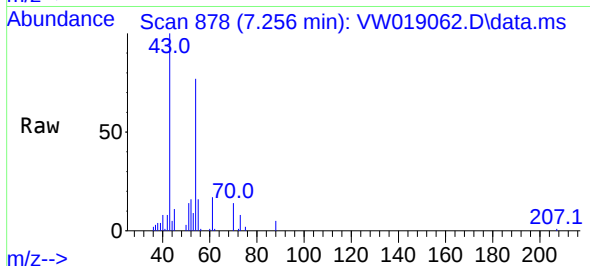
Tgt Ion: 75 Resp: 76002

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 33.8  | 17.1  | 51.2  |
| 77  | 31.5  | 25.3  | 37.9  |



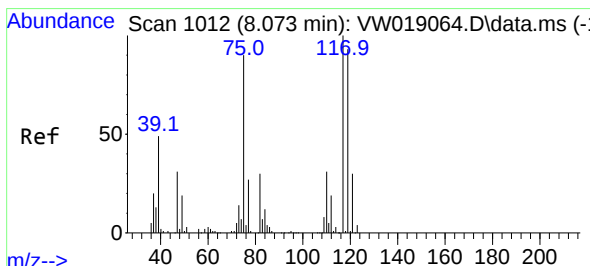
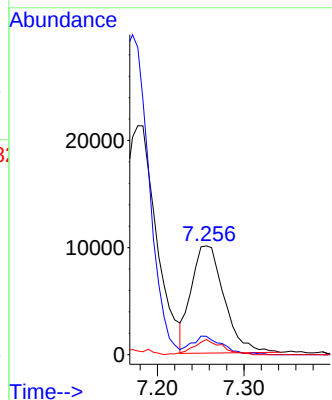
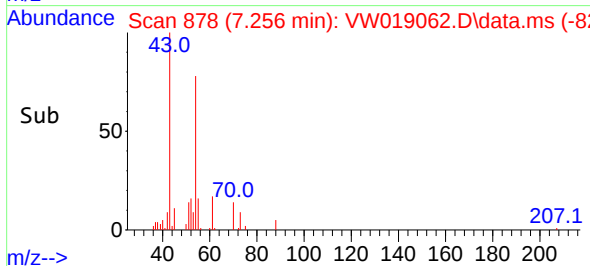


#37  
Ethyl Acetate  
Concen: 10.70 ug/l  
RT: 7.256 min Scan# 878  
Delta R.T. 0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

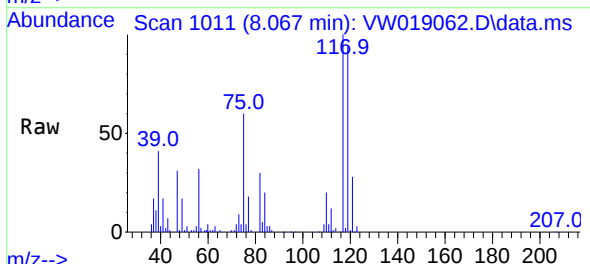


Tgt Ion: 43 Resp: 26408

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.5  | 12.2  | 18.4  |
| 70  | 12.2  | 9.5   | 14.3  |

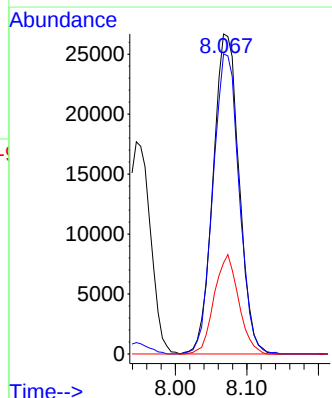
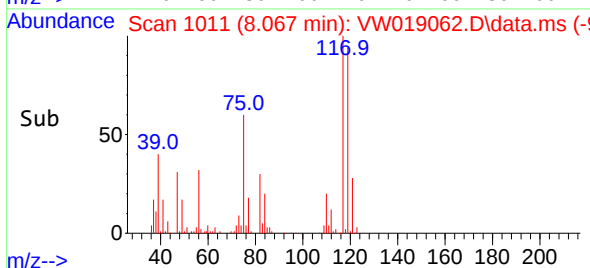


#38  
Carbon Tetrachloride  
Concen: 11.98 ug/l  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



Tgt Ion: 117 Resp: 67202

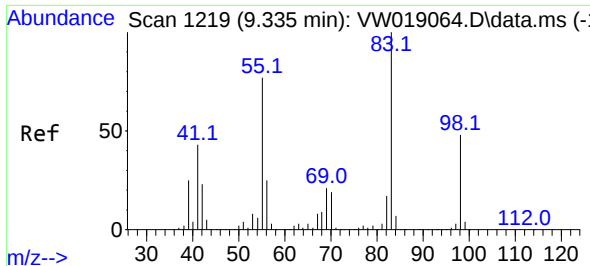
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 93.8  | 77.4  | 116.0 |
| 121 | 28.5  | 23.6  | 35.4  |



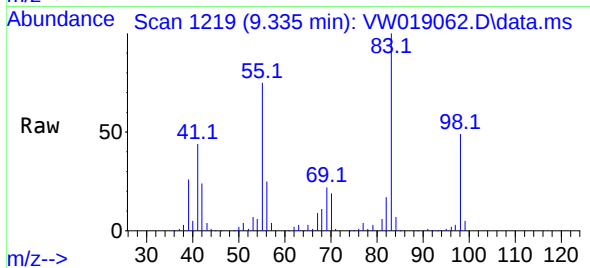
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

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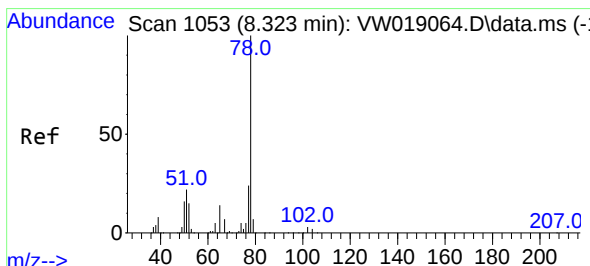
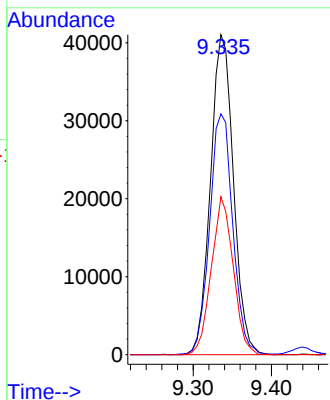
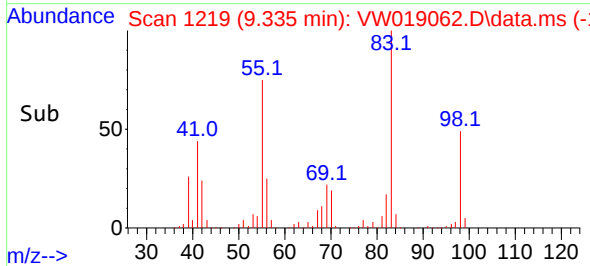
MMDadoda  
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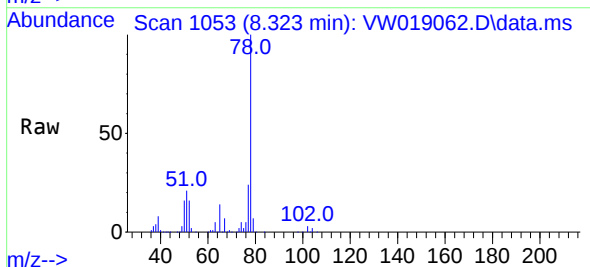
#39  
Methylcyclohexane  
Concen: 11.88 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



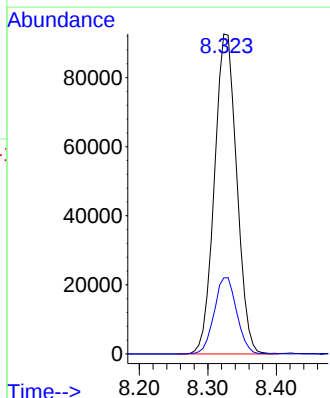
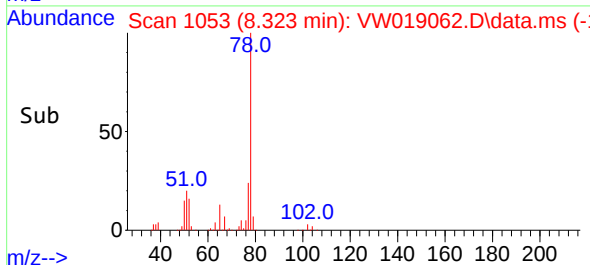
Tgt Ion: 83 Resp: 83581  
Ion Ratio Lower Upper  
83 100  
55 75.1 60.9 91.3  
98 49.4 38.4 57.6



#40  
Benzene  
Concen: 11.79 ug/l  
RT: 8.323 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



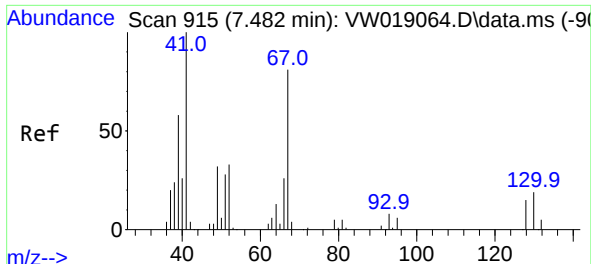
Tgt Ion: 78 Resp: 209153  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.6 29.4



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

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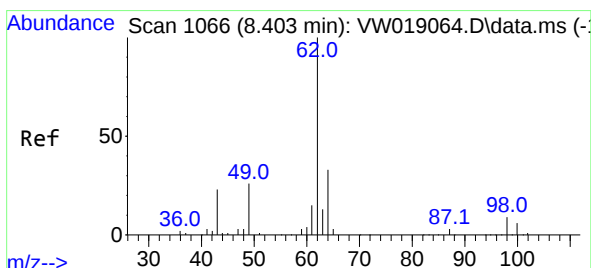
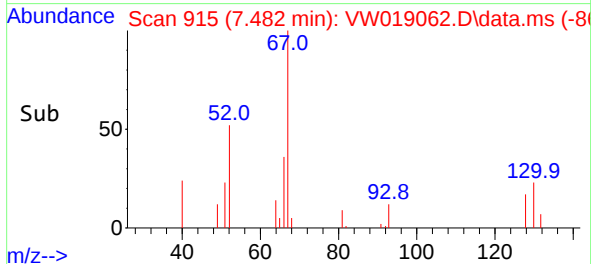
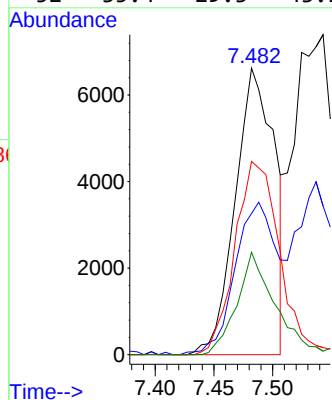
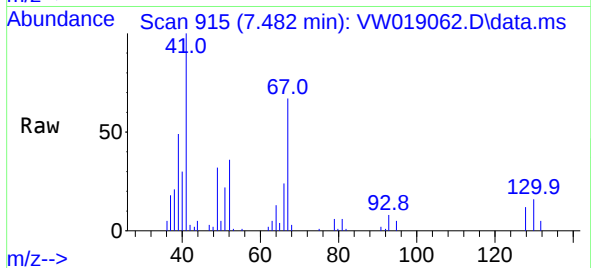
#41  
Methacrylonitrile  
Concen: 11.21 ug/l  
RT: 7.482 min Scan# 915  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 15371 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.0  | 50.1  | 75.1  |
| 67       | 76.8  | 69.0  | 103.4 |
| 52       | 35.4  | 29.3  | 43.9  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

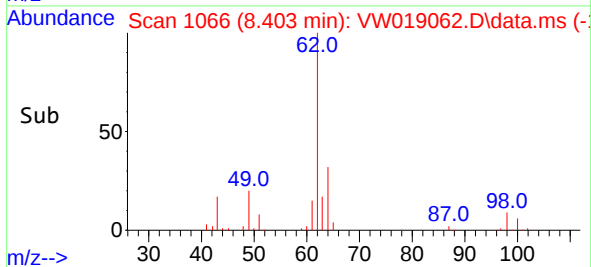
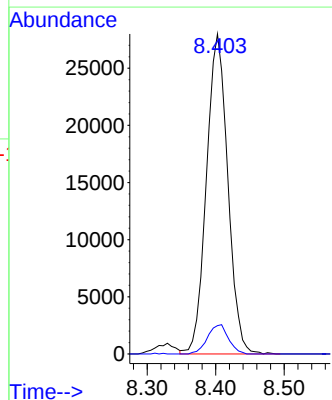
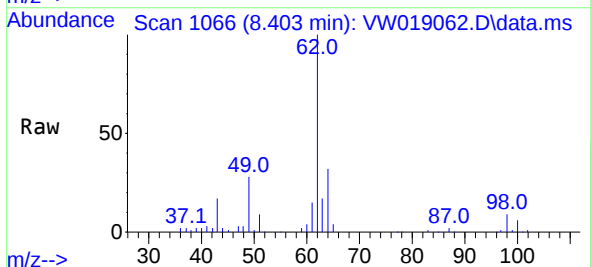
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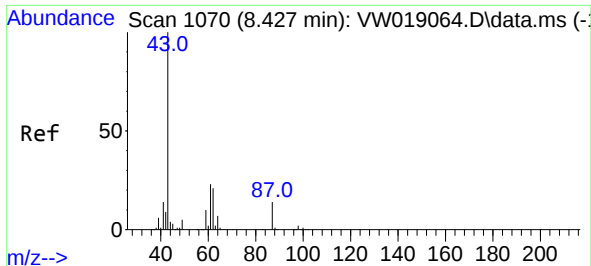
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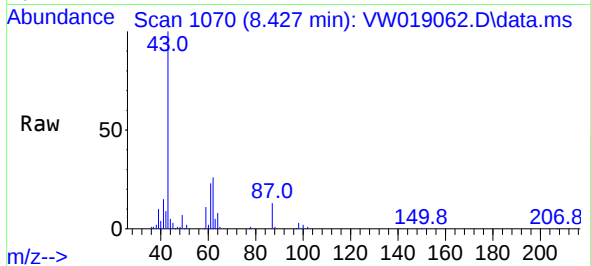
#42  
1,2-Dichloroethane  
Concen: 11.55 ug/l  
RT: 8.403 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 60706 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.0   | 0.0   | 18.0  |

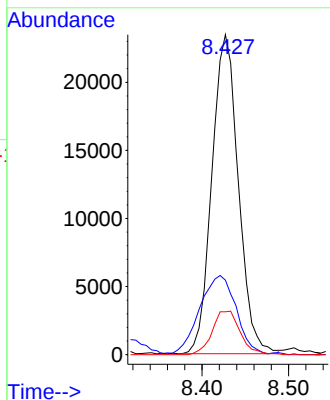
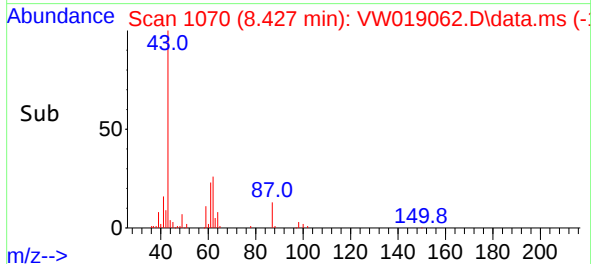




#43  
Isopropyl Acetate  
Concen: 10.78 ug/l  
RT: 8.427 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



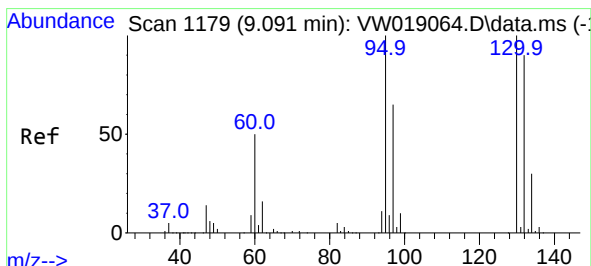
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 49732 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 33.6  | 27.0  | 40.6  |
| 87        | 14.5  | 11.6  | 17.4  |



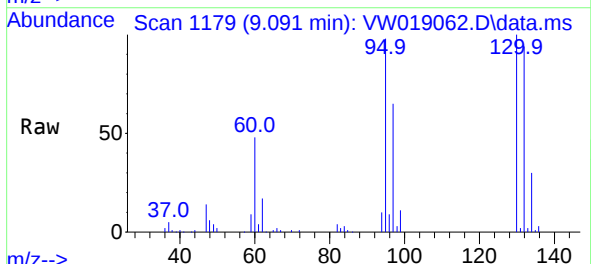
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

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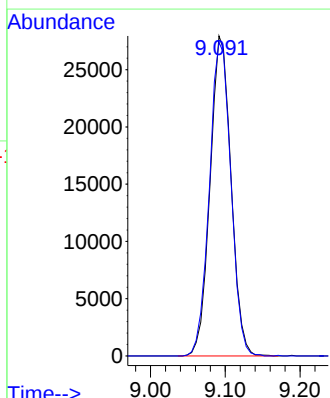
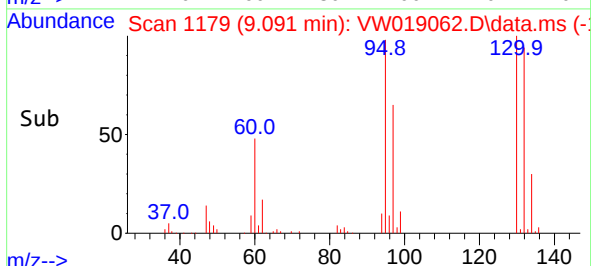
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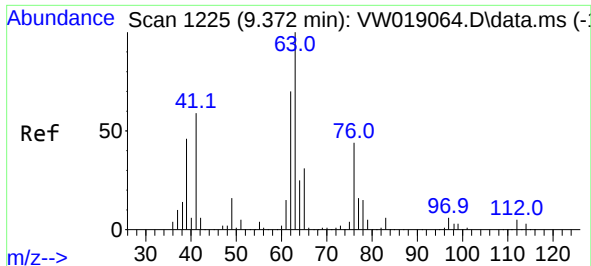


#44  
Trichloroethene  
Concen: 11.87 ug/l  
RT: 9.091 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 130   | Resp: | 54317 |
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 98.0  | 0.0   | 199.0 |





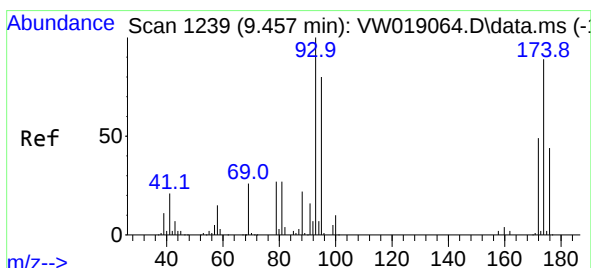
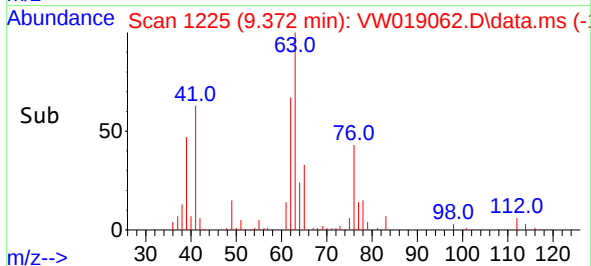
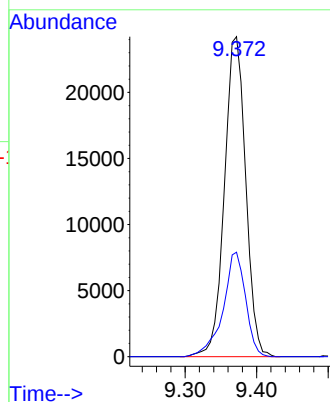
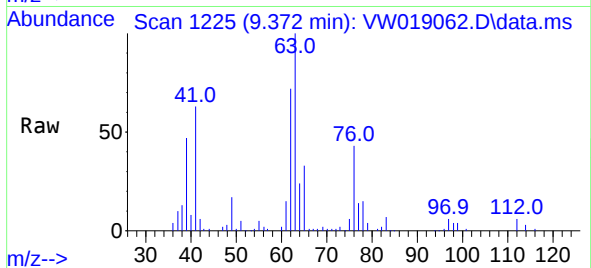
#45  
1,2-Dichloropropane  
Concen: 11.64 ug/l  
RT: 9.372 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 63 Resp: 50011  
Ion Ratio Lower Upper  
63 100  
65 32.7 24.1 36.1

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

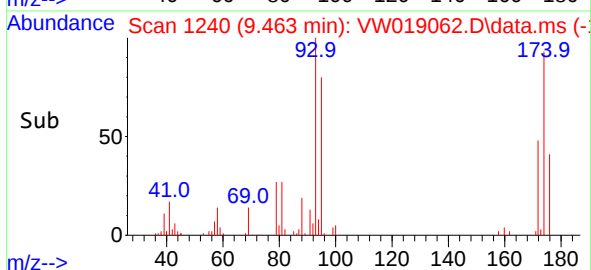
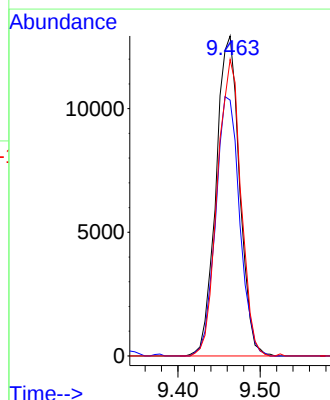
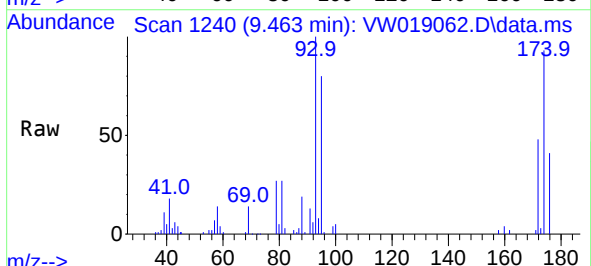
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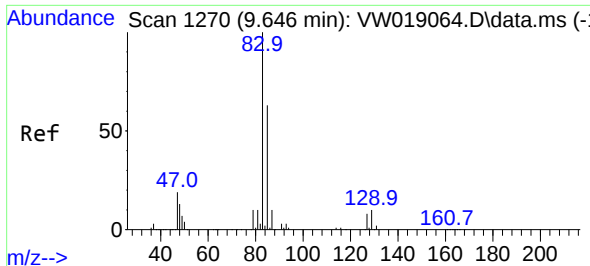
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#46  
Dibromomethane  
Concen: 11.07 ug/l  
RT: 9.463 min Scan# 1240  
Delta R.T. 0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 93 Resp: 25766  
Ion Ratio Lower Upper  
93 100  
95 82.6 66.7 100.1  
174 92.5 75.3 112.9





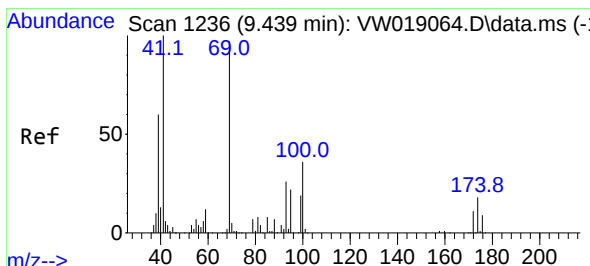
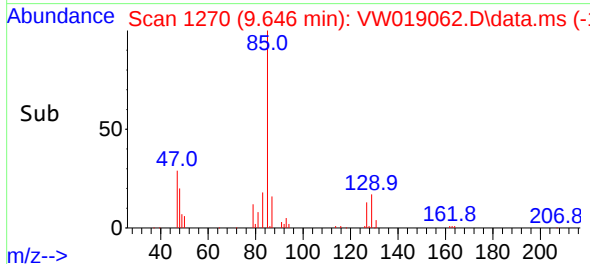
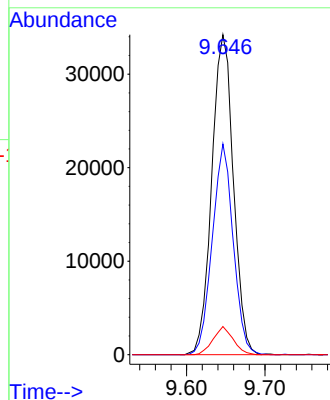
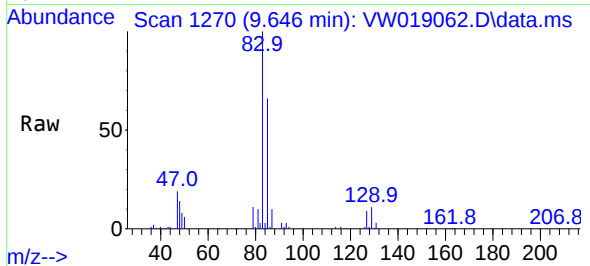
#47  
Bromodichloromethane  
Concen: 11.32 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 65635 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.8  | 53.4  | 80.2  |
| 127      | 8.8   | 7.0   | 10.6  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

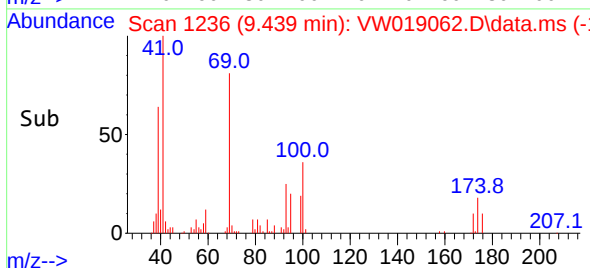
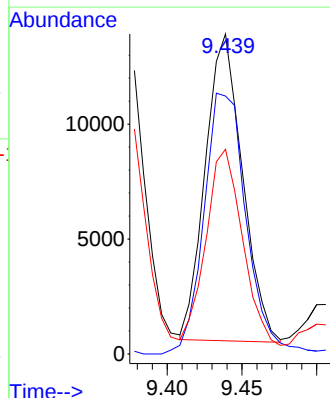
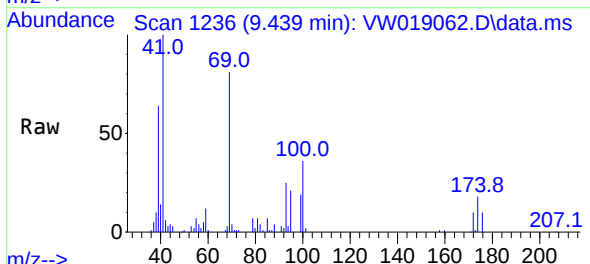
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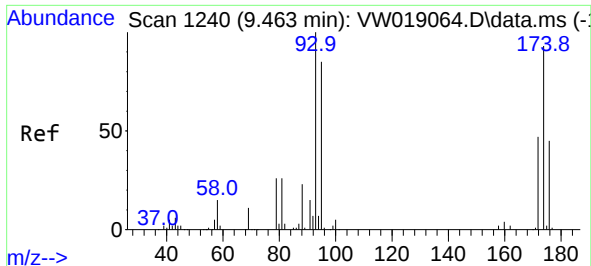
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#48  
Methyl methacrylate  
Concen: 10.86 ug/l  
RT: 9.439 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

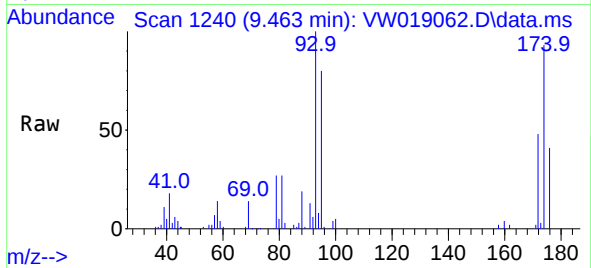
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 23010 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 98.2  | 80.2  | 120.2 |
| 39       | 63.0  | 51.5  | 77.3  |





#49  
1,4-Dioxane  
Concen: 226.03 ug/l  
RT: 9.463 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

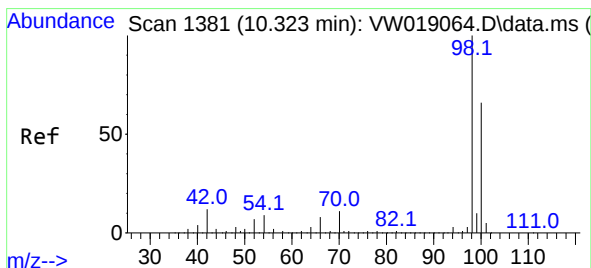
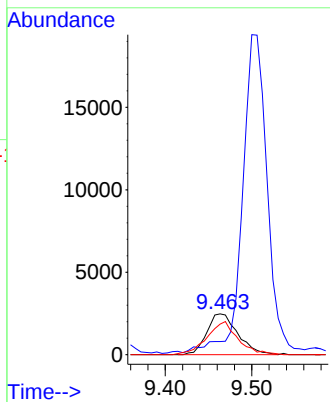
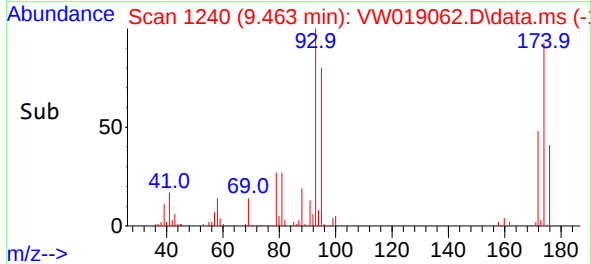
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010



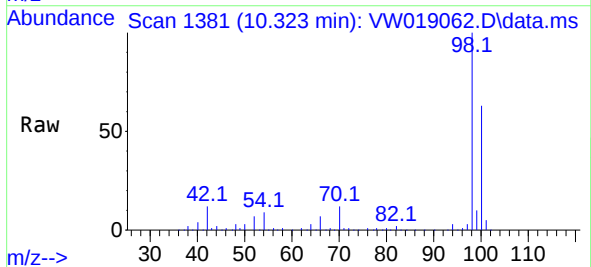
Tgt Ion: 88 Resp: 6136  
Ion Ratio Lower Upper  
88 100  
43 0.0 22.1 33.1#  
58 81.6 55.4 83.2

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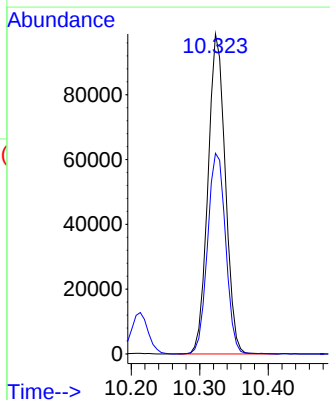
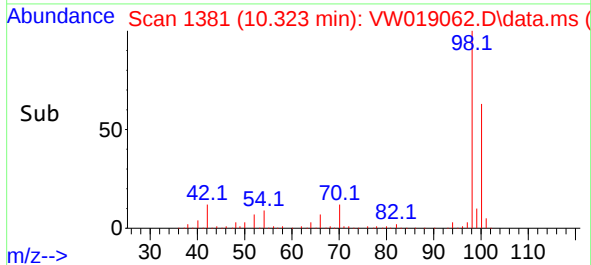
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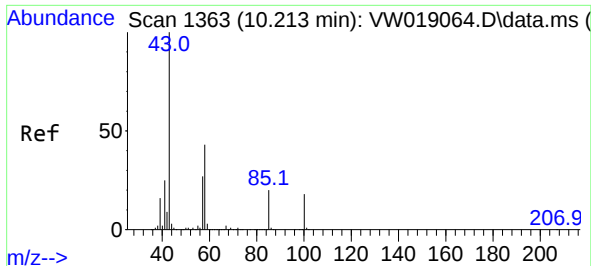


#50  
Toluene-d8  
Concen: 12.25 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



Tgt Ion: 98 Resp: 173896  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.0 78.0





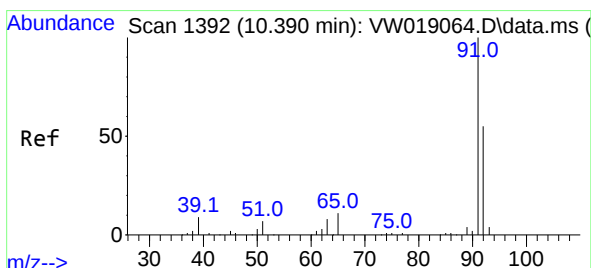
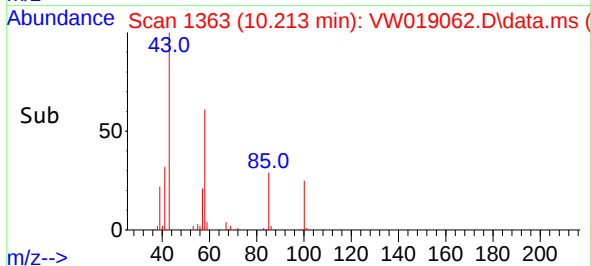
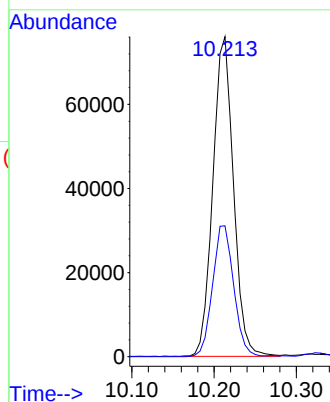
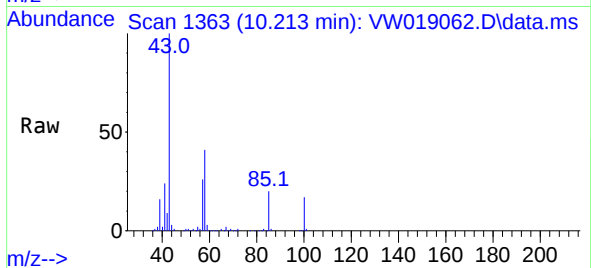
#51  
4-Methyl-2-Pentanone  
Concen: 55.50 ug/l  
RT: 10.213 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 43 Resp: 132424  
Ion Ratio Lower Upper  
43 100  
58 42.1 34.2 51.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

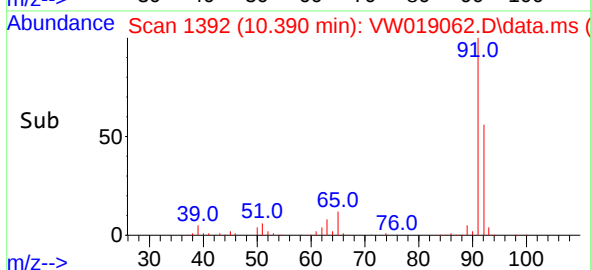
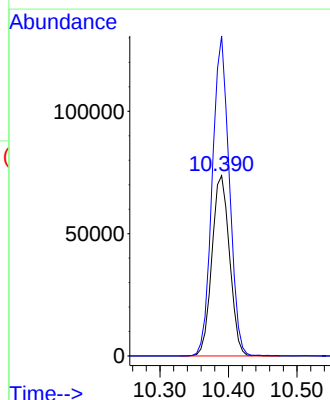
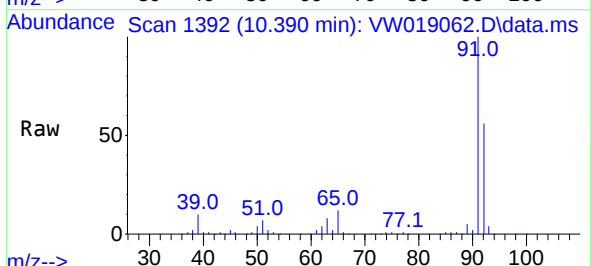
Manual Integrations  
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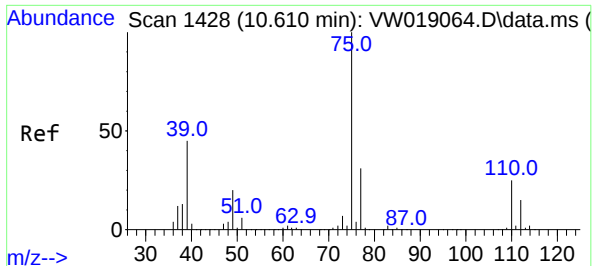
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#52  
Toluene  
Concen: 11.71 ug/l  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 92 Resp: 131501  
Ion Ratio Lower Upper  
92 100  
91 171.7 137.4 206.0





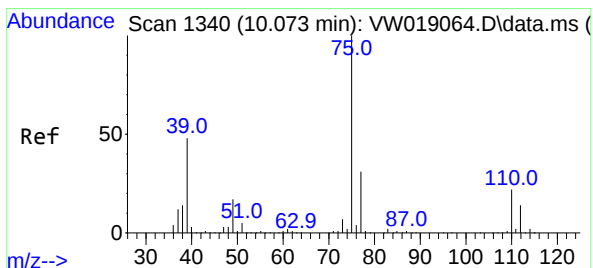
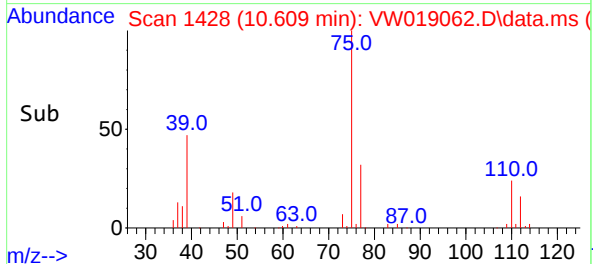
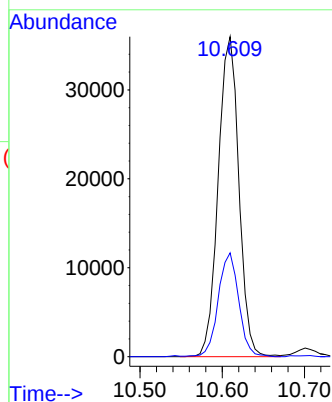
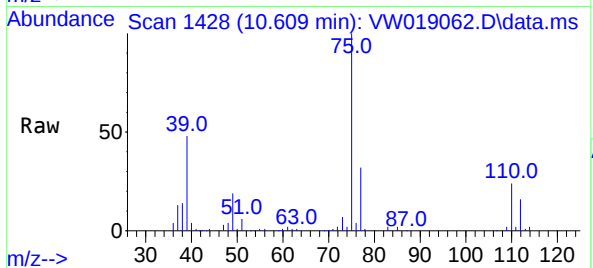
#53  
t-1,3-Dichloropropene  
Concen: 10.96 ug/l  
RT: 10.609 min Scan# 1428  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 75 Resp: 62743  
Ion Ratio Lower Upper  
75 100  
77 32.4 24.8 37.2

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

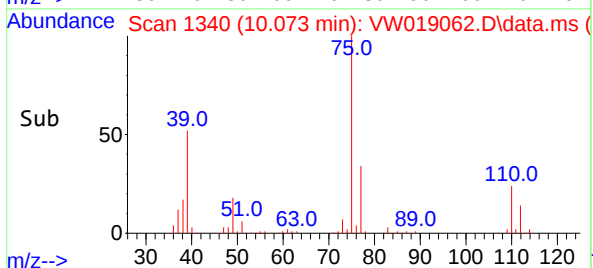
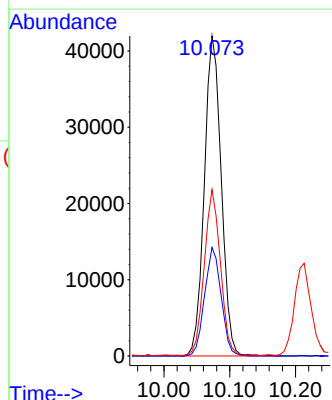
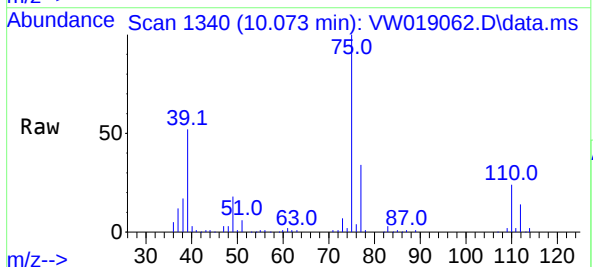
Manual Integrations  
APPROVED

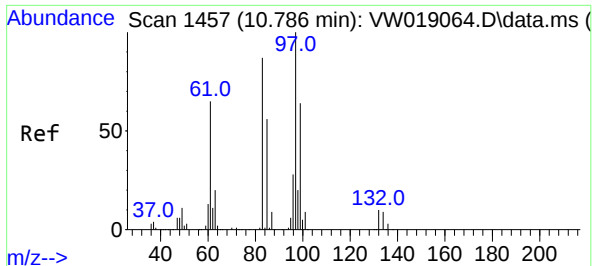
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5/25/2021 5:58:31 PM



#54  
cis-1,3-Dichloropropene  
Concen: 11.01 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 75 Resp: 75121  
Ion Ratio Lower Upper  
75 100  
77 33.9 25.0 37.6  
39 51.8 36.9 55.3





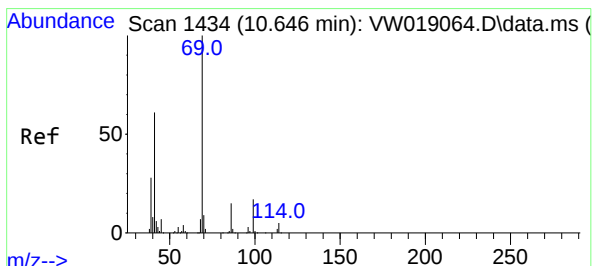
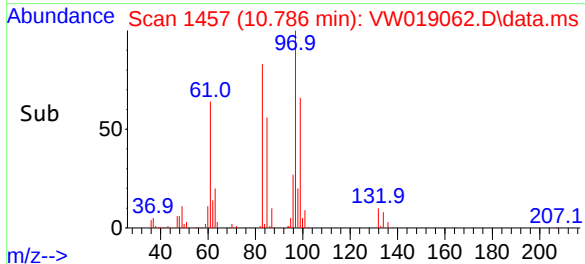
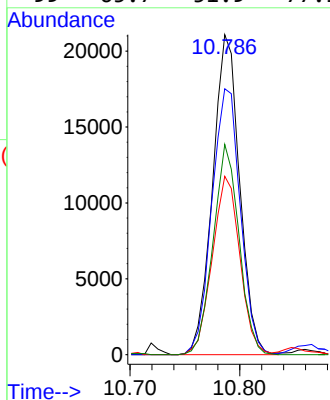
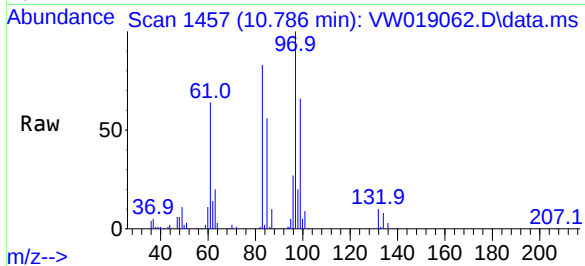
#55  
1,1,2-Trichloroethane  
Concen: 11.19 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 36088 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.1  | 70.6  | 106.0 |
| 85       | 55.7  | 45.8  | 68.6  |
| 99       | 65.7  | 51.9  | 77.9  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

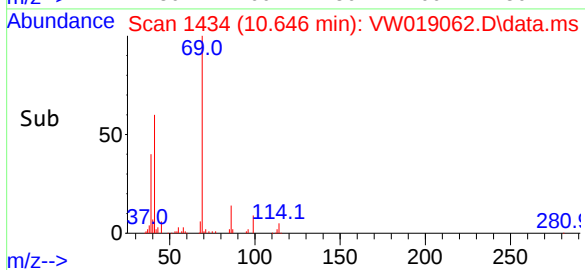
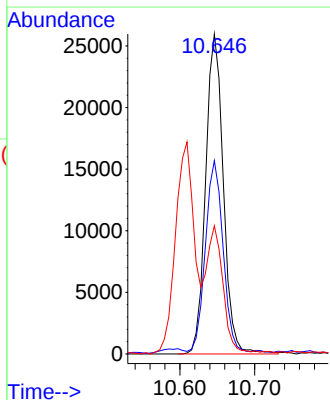
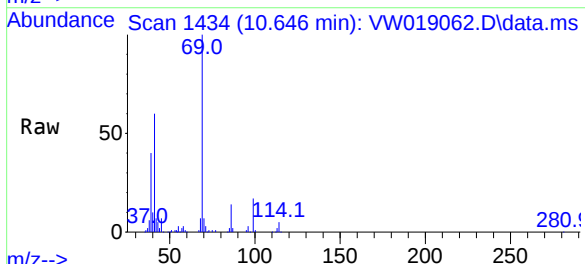
Manual Integrations  
APPROVED

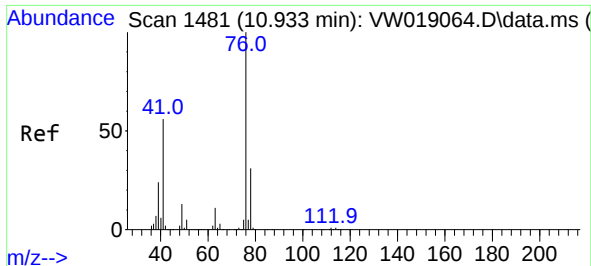
MMDadoda  
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#56  
Ethyl methacrylate  
Concen: 10.53 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 42767 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 59.5  | 48.7  | 73.1  |
| 39       | 36.4  | 29.0  | 43.4  |





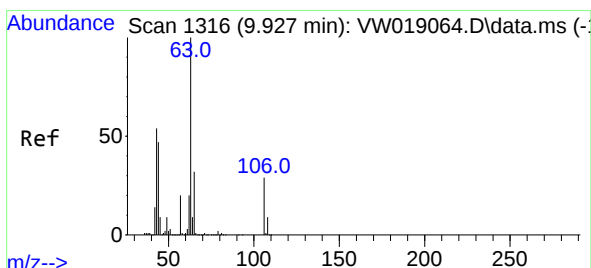
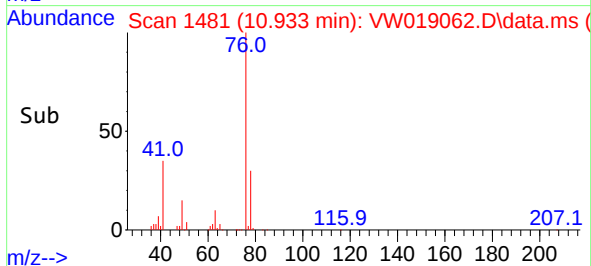
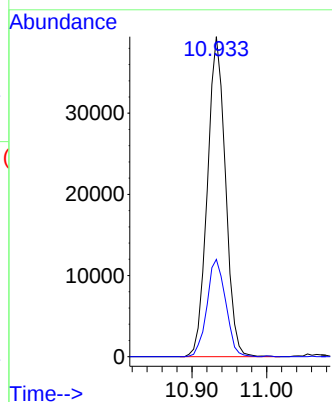
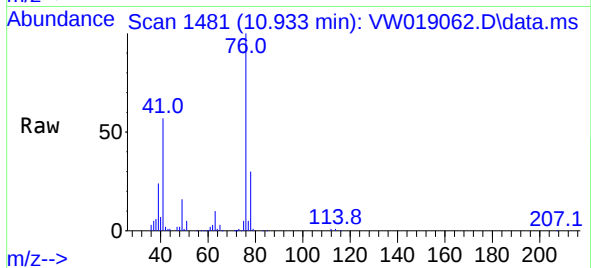
#57  
1,3-Dichloropropane  
Concen: 11.51 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 76 Resp: 66215  
Ion Ratio Lower Upper  
76 100  
78 31.5 25.5 38.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

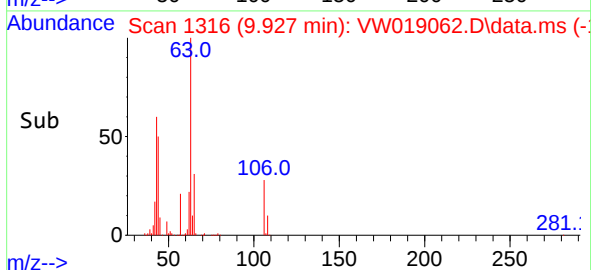
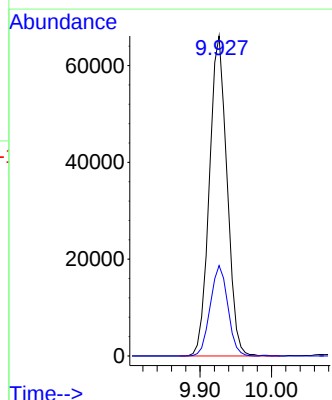
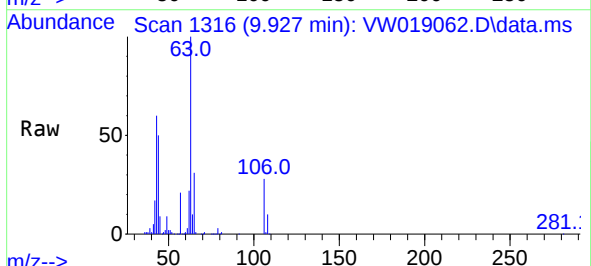
Manual Integrations  
APPROVED

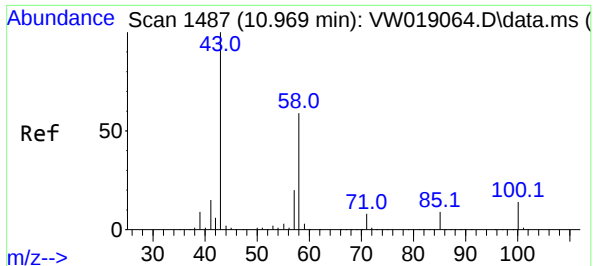
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#58  
2-Chloroethyl Vinyl ether  
Concen: 54.34 ug/l  
RT: 9.927 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 63 Resp: 113179  
Ion Ratio Lower Upper  
63 100  
106 28.1 22.3 33.5





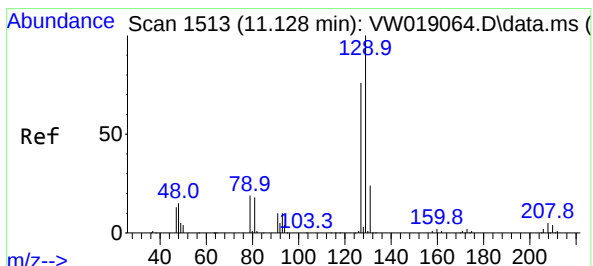
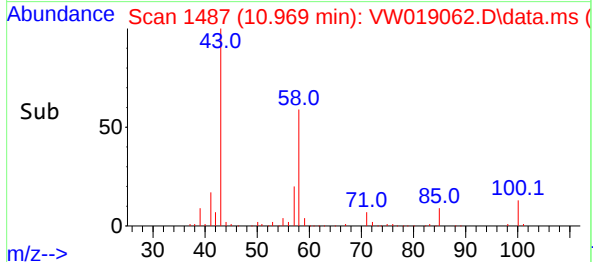
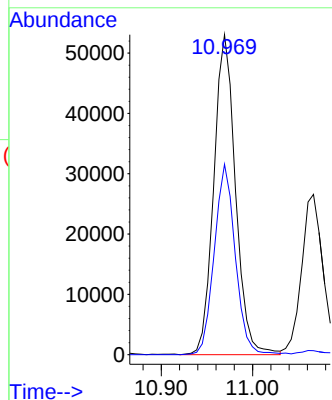
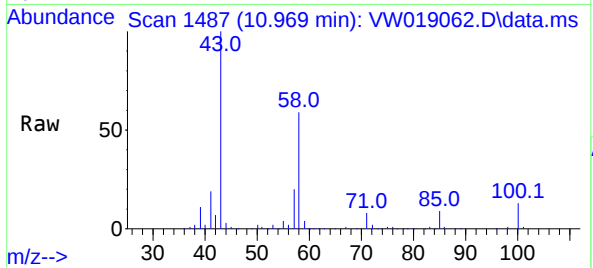
#59  
2-Hexanone  
Concen: 55.02 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 43 Resp: 87604  
Ion Ratio Lower Upper  
43 100  
58 57.6 29.0 87.1

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

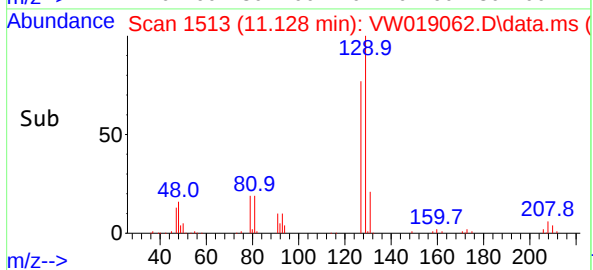
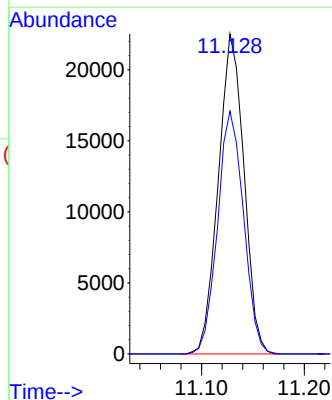
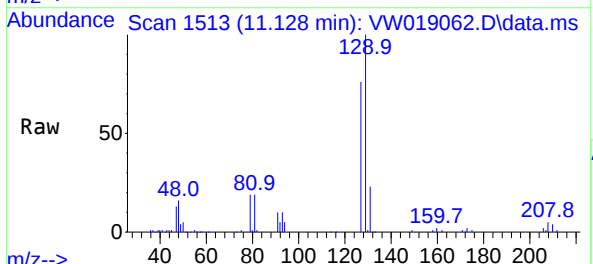
Manual Integrations  
APPROVED

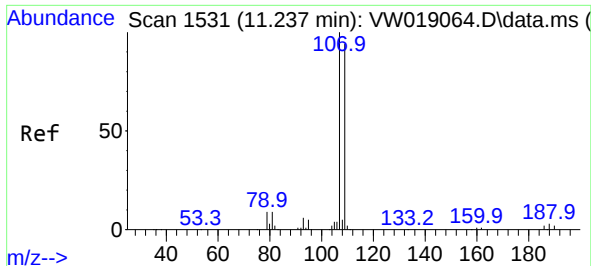
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#60  
Dibromochloromethane  
Concen: 10.87 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

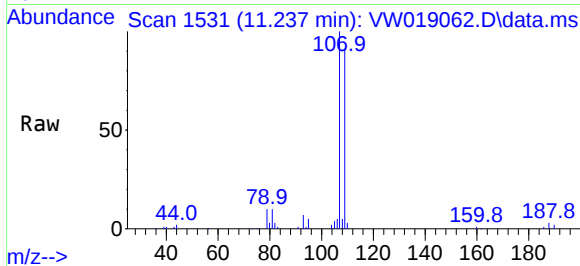
Tgt Ion: 129 Resp: 39012  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.2 114.6





#61  
1,2-Dibromoethane  
Concen: 10.87 ug/l  
RT: 11.237 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

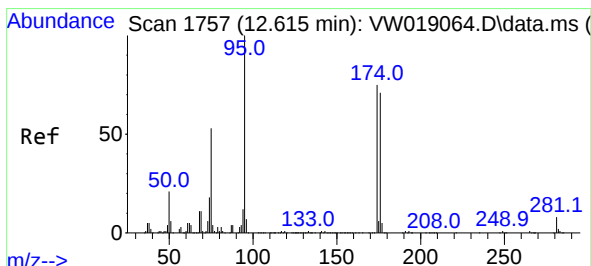
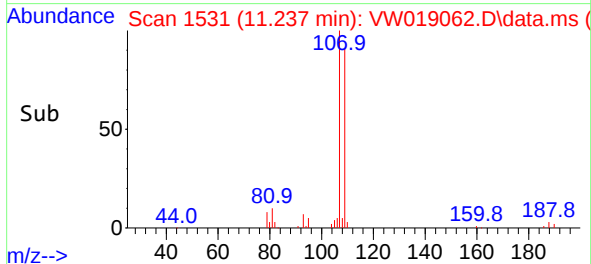
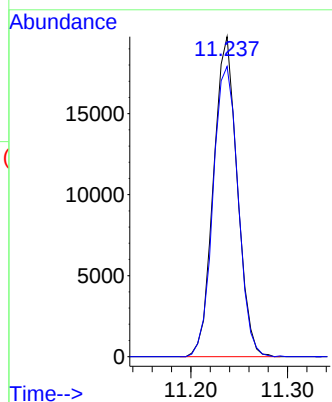
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010



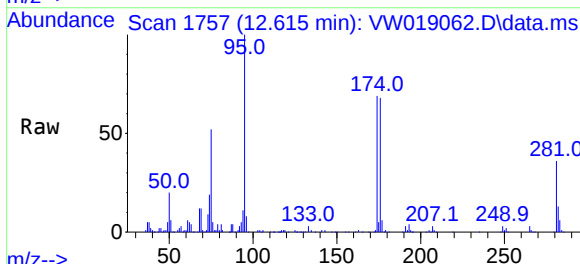
Tgt Ion:107 Resp: 33633  
Ion Ratio Lower Upper  
107 100  
109 95.5 73.9 110.9

Manual Integrations  
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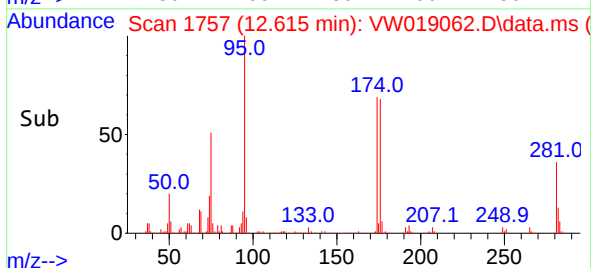
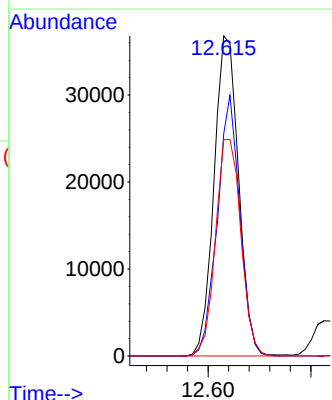
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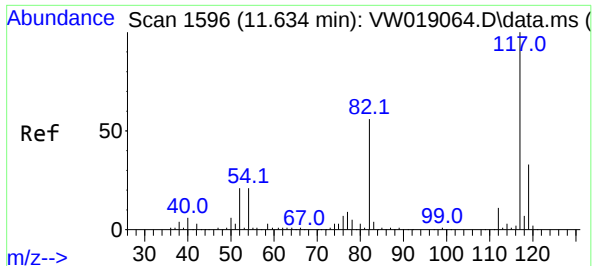


#62  
4-Bromofluorobenzene  
Concen: 11.94 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



Tgt Ion: 95 Resp: 60988  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 156.2  
176 69.8 0.0 160.8





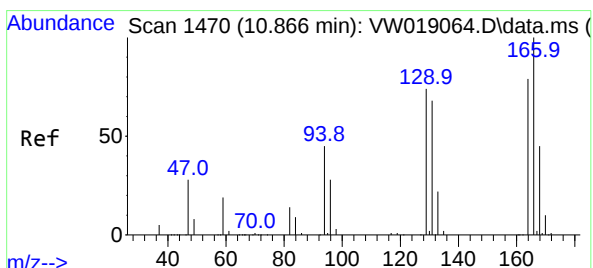
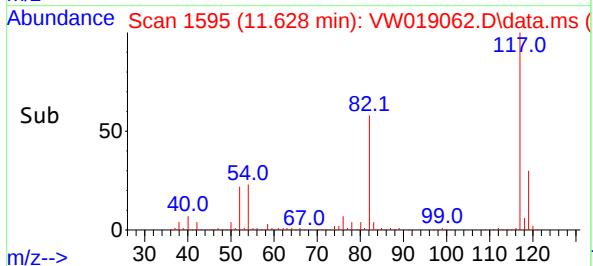
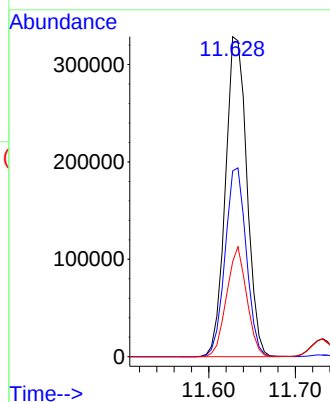
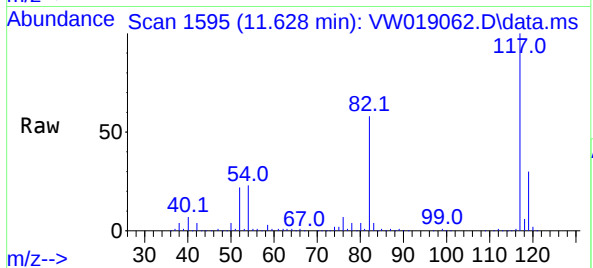
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.628 min Scan# 1595  
Delta R.T. -0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tgt Ion:117 Resp: 564700  
Ion Ratio Lower Upper  
117 100  
82 58.1 44.4 66.6  
119 29.7 24.6 36.8

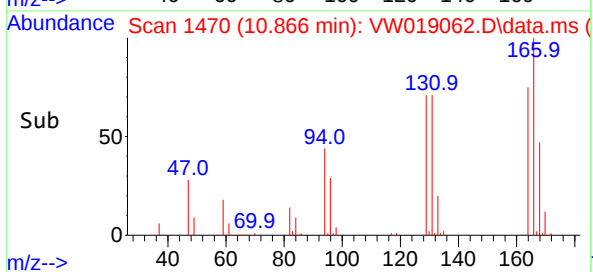
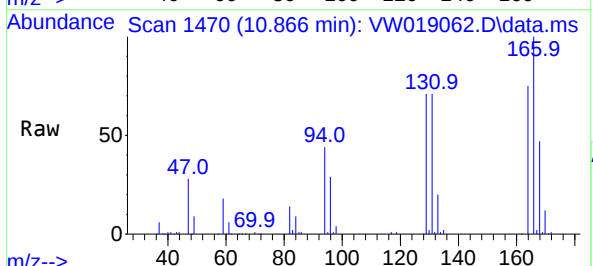
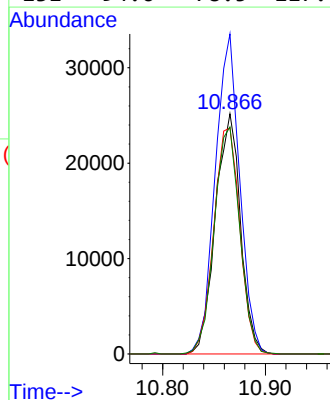
Manual Integrations  
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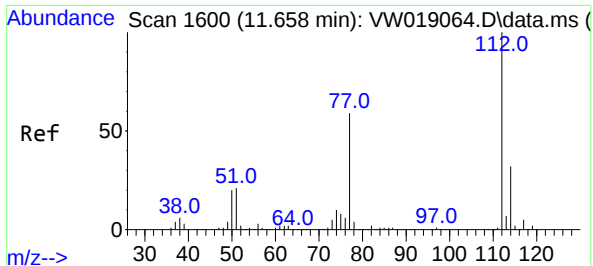
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#64  
Tetrachloroethene  
Concen: 11.51 ug/l  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion:164 Resp: 42763  
Ion Ratio Lower Upper  
164 100  
166 133.2 107.8 161.8  
129 94.1 77.3 115.9  
131 94.6 78.5 117.7





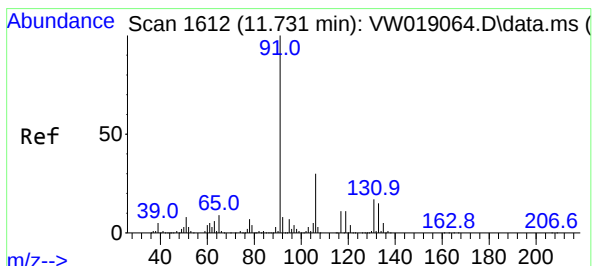
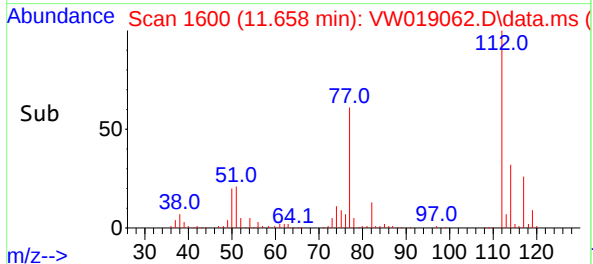
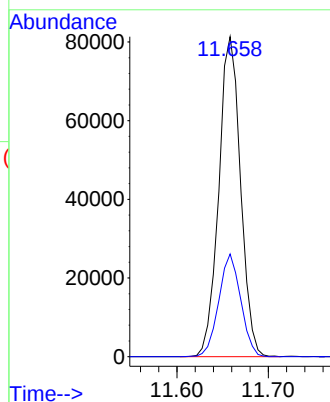
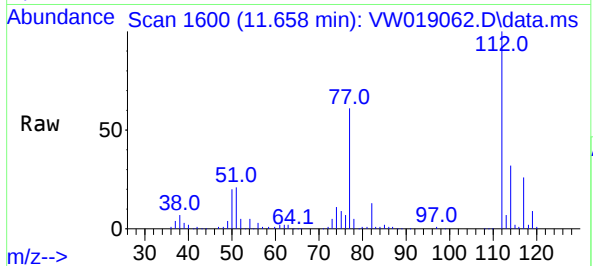
#65  
Chlorobenzene  
Concen: 11.58 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

Tgt Ion:112 Resp: 134682  
Ion Ratio Lower Upper  
112 100  
114 32.1 26.4 39.6

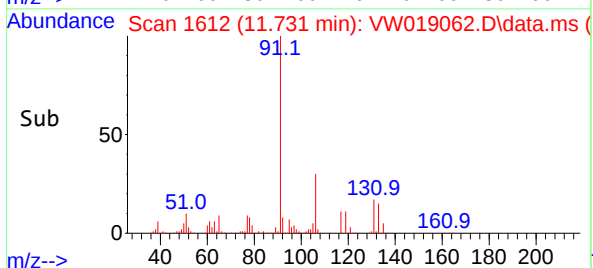
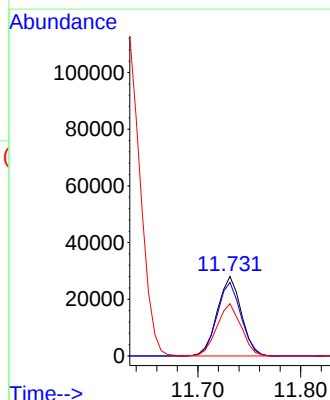
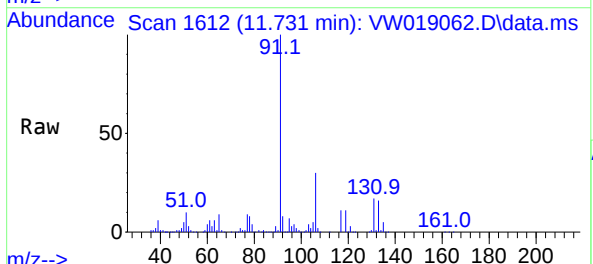
Manual Integrations  
APPROVED

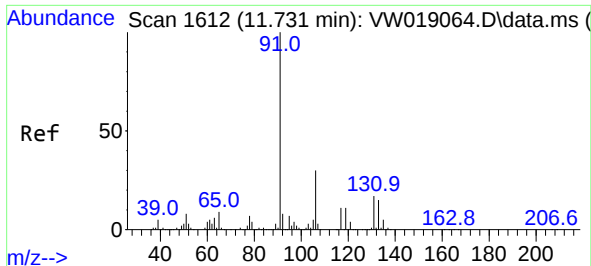
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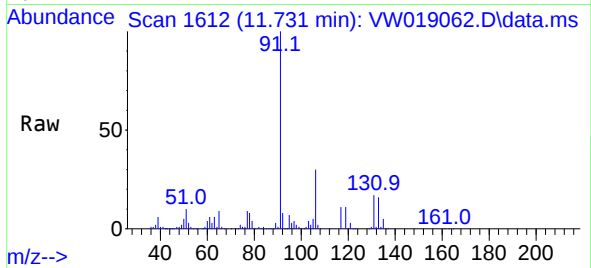
#66  
1,1,1,2-Tetrachloroethane  
Concen: 11.38 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion:131 Resp: 45200  
Ion Ratio Lower Upper  
131 100  
133 93.4 48.1 144.3  
119 67.2 33.1 99.2

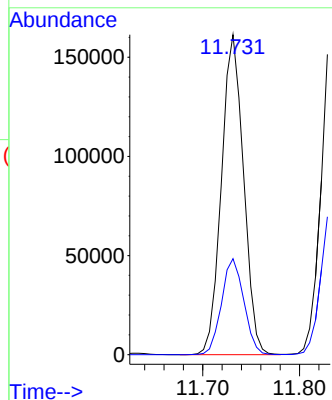




#67  
Ethyl Benzene  
Concen: 11.87 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



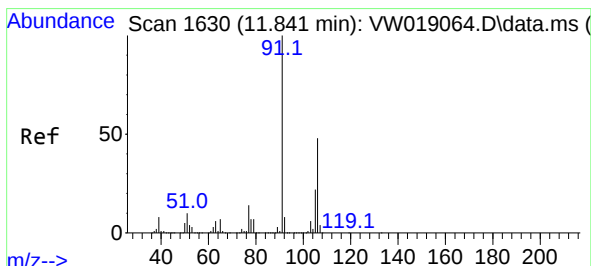
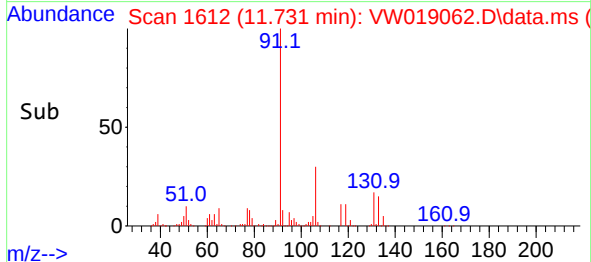
Tgt Ion: 91 Resp: 255695  
Ion Ratio Lower Upper  
91 100  
106 30.0 24.0 36.0



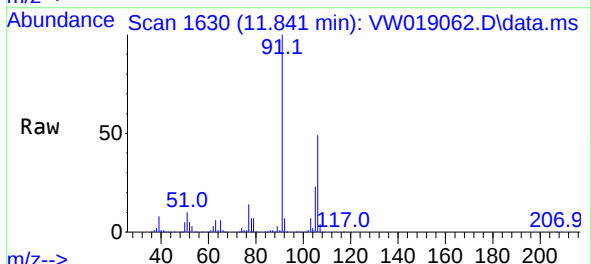
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Manual Integrations  
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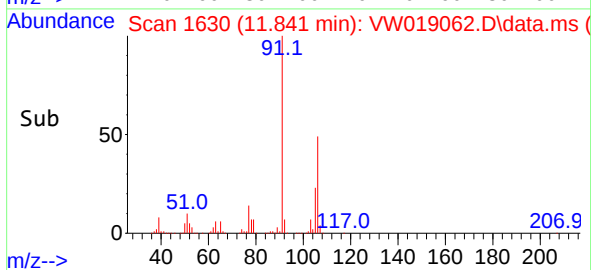
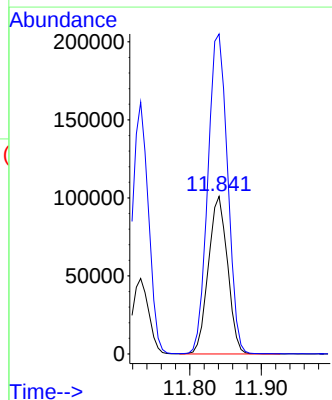
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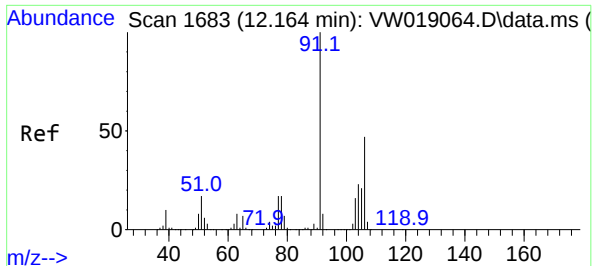


#68  
m/p-Xylenes  
Concen: 23.29 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



Tgt Ion:106 Resp: 187794  
Ion Ratio Lower Upper  
106 100  
91 209.1 164.2 246.2





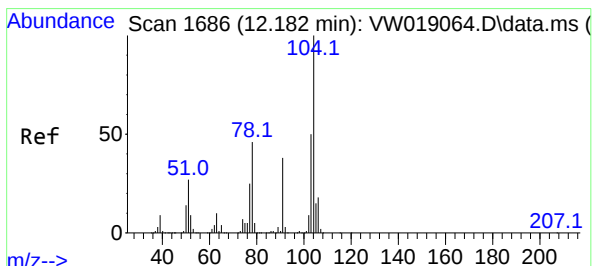
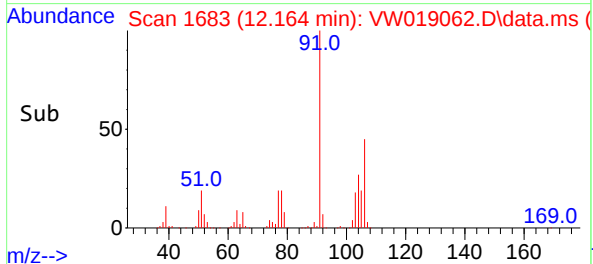
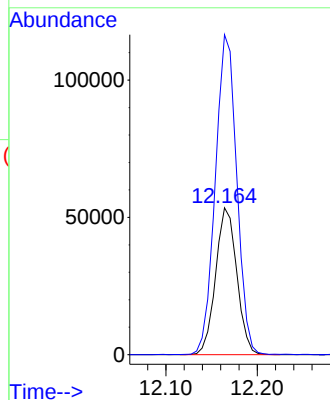
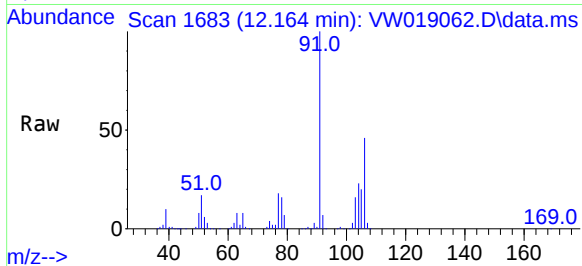
#69  
o-Xylene  
Concen: 11.45 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion:106 Resp: 86133  
Ion Ratio Lower Upper  
106 100  
91 220.9 109.1 327.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

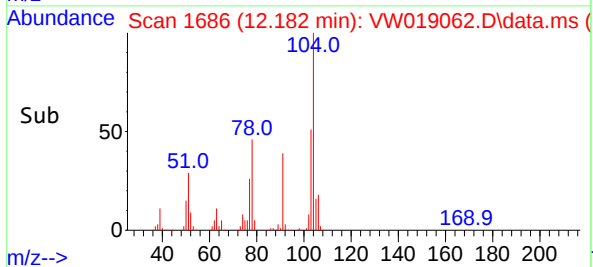
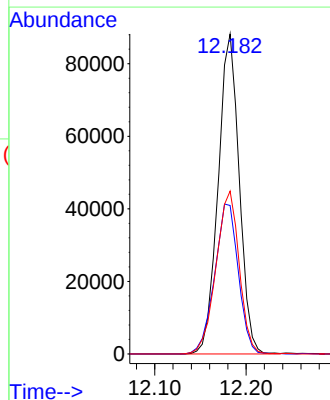
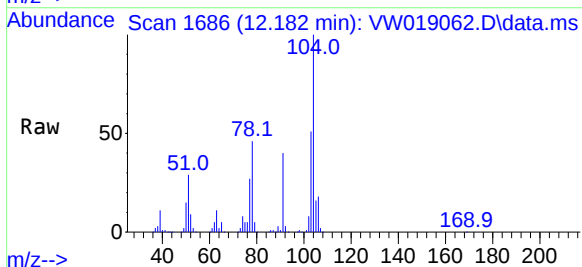
Manual Integrations  
APPROVED

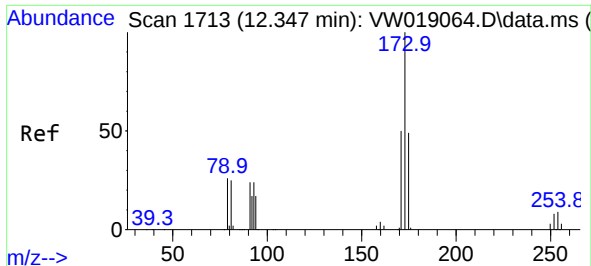
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#70  
Styrene  
Concen: 11.06 ug/l  
RT: 12.182 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion:104 Resp: 141612  
Ion Ratio Lower Upper  
104 100  
78 52.7 41.3 61.9  
103 55.7 44.1 66.1





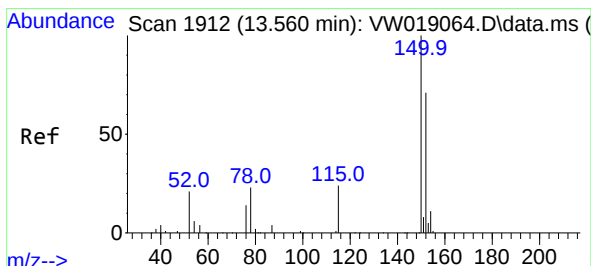
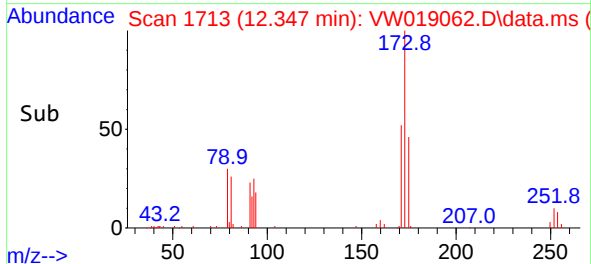
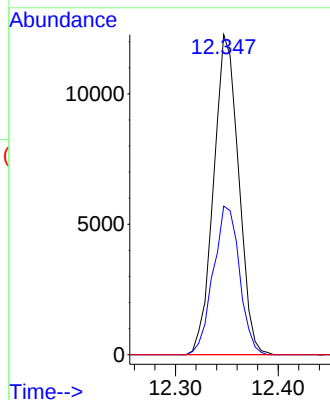
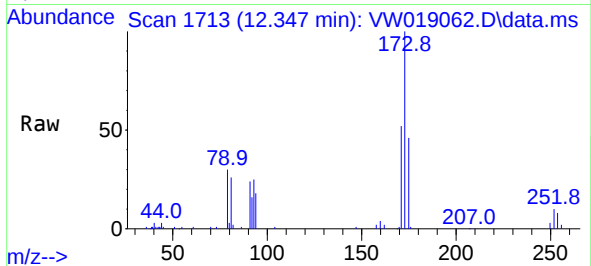
#71  
Bromoform  
Concen: 10.46 ug/l  
RT: 12.347 min Scan# 1713  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 20696 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.7  | 24.6  | 73.8  |
| 254       | 0.0   | 0.1   | 0.1#  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

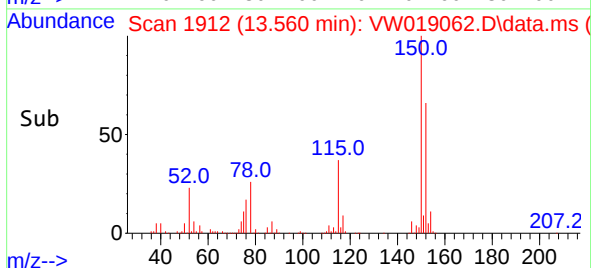
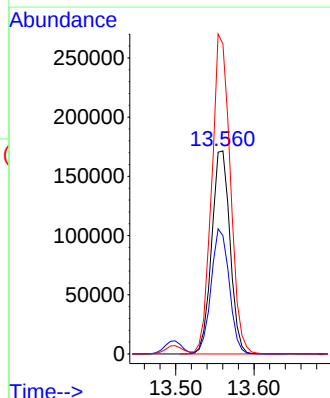
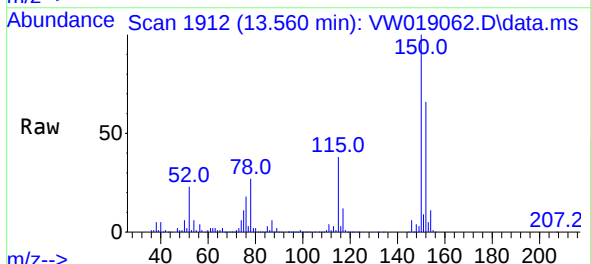
Manual Integrations  
APPROVED

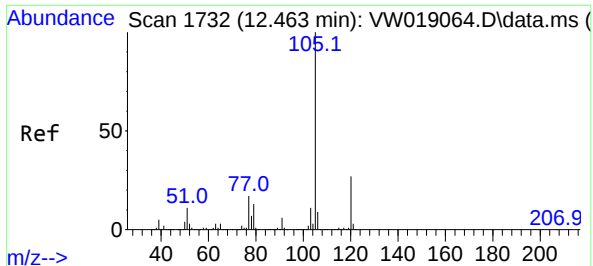
MMDadoda  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.560 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

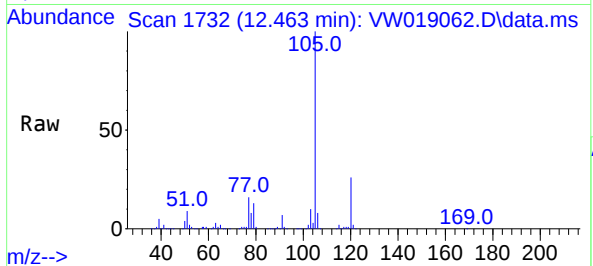
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 277641 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 61.1  | 30.3  | 90.8   |
| 150       | 160.4 | 0.0   | 356.0  |





#73  
Isopropylbenzene  
Concen: 11.61 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

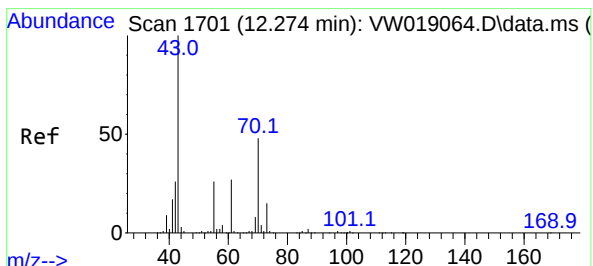
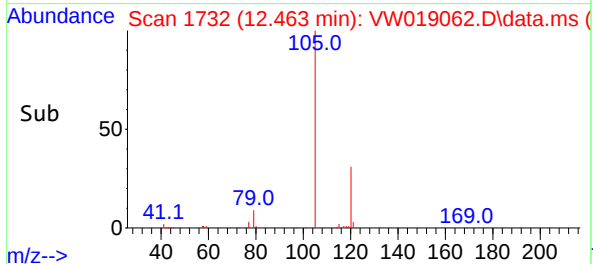
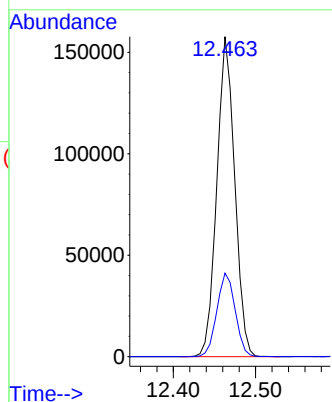
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010



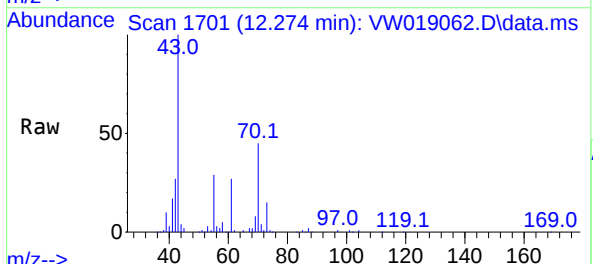
Tgt Ion:105 Resp: 238005  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.2 39.5

Manual Integrations  
APPROVED

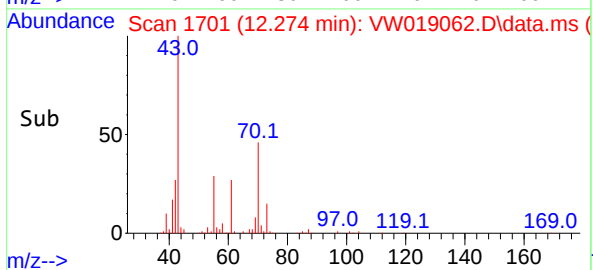
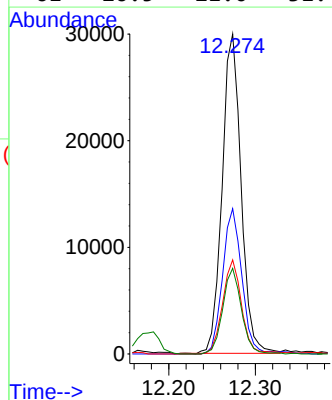
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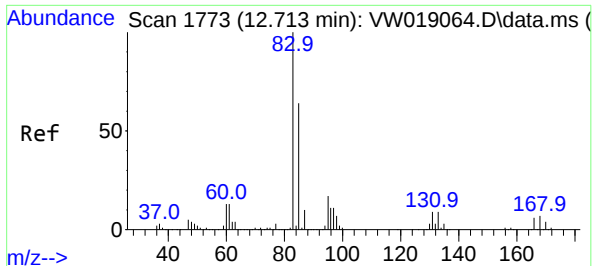


#74  
N-ethyl acetate  
Concen: 10.66 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



Tgt Ion: 43 Resp: 45410  
Ion Ratio Lower Upper  
43 100  
70 46.8 38.4 57.6  
55 29.8 21.6 32.4  
61 26.5 21.0 31.4





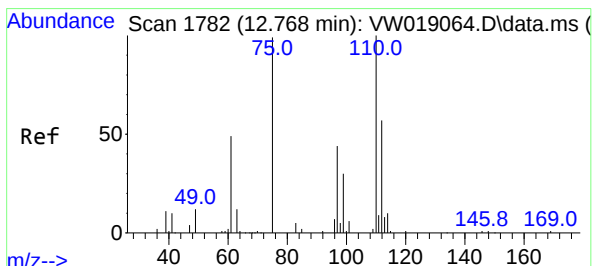
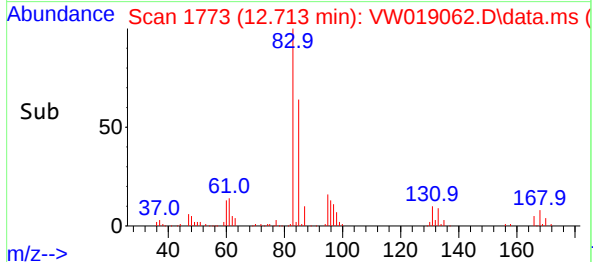
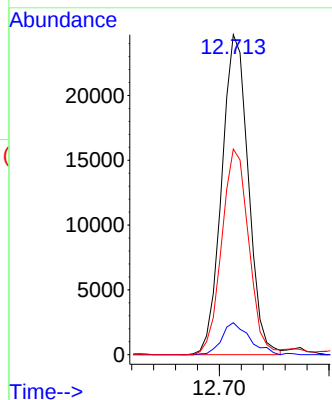
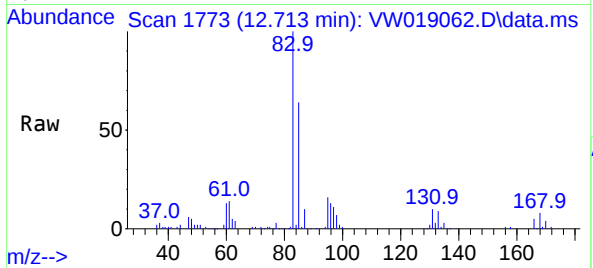
#75  
1,1,2,2-Tetrachloroethane  
Concen: 11.31 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 83 Resp: 41582  
Ion Ratio Lower Upper  
83 100  
131 10.5 5.1 15.2  
85 65.3 31.6 94.8

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

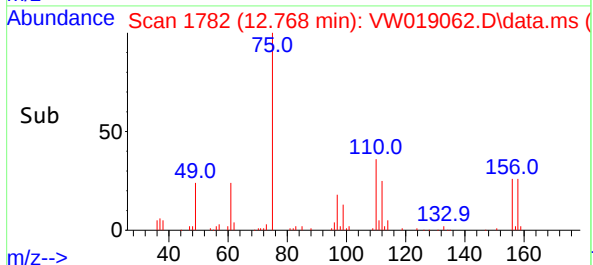
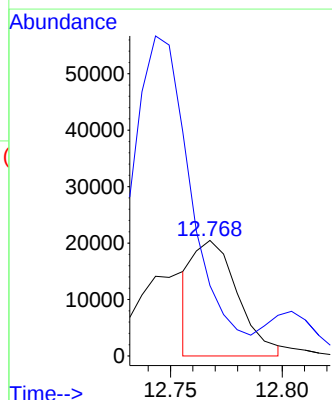
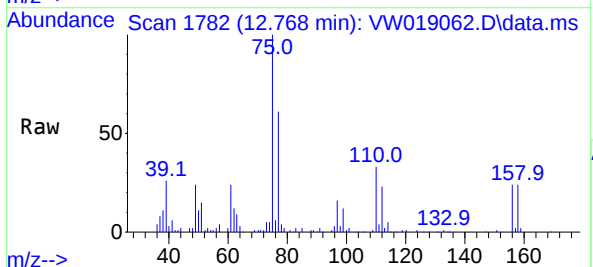
Manual Integrations  
APPROVED

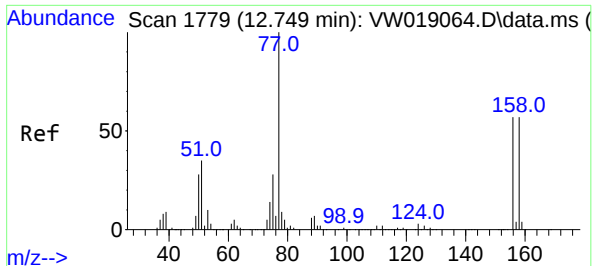
MMDadoda  
5/25/2021 5:58:31 PM



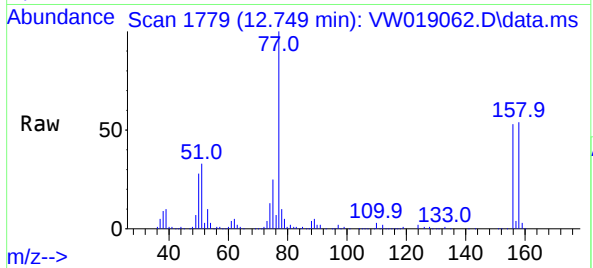
#76  
1,2,3-Trichloropropane  
Concen: 11.05 ug/l m  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 75 Resp: 28572  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

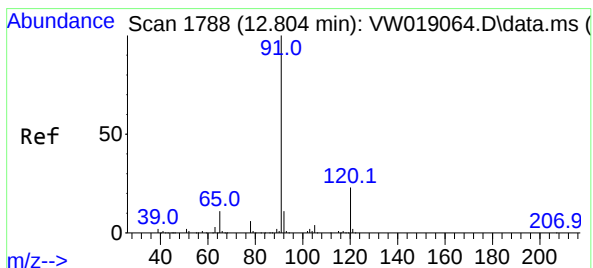
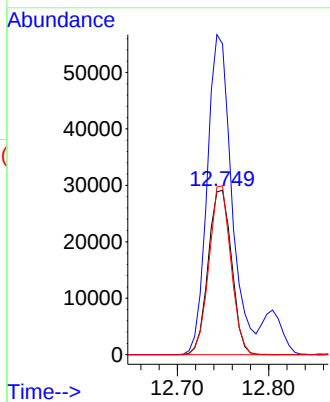
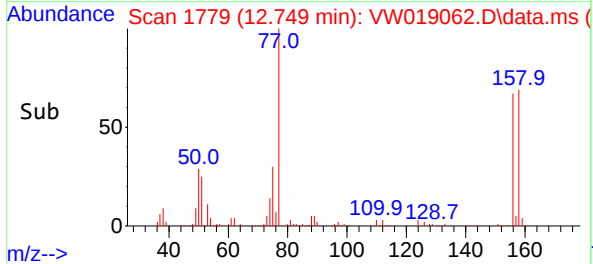




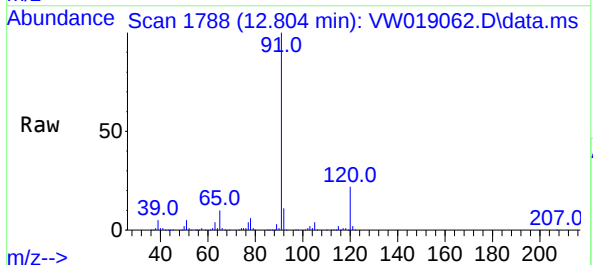
#77  
Bromobenzene  
Concen: 11.46 ug/l  
RT: 12.749 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



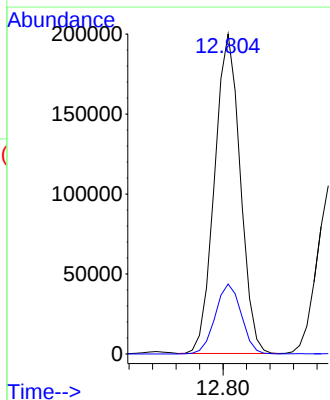
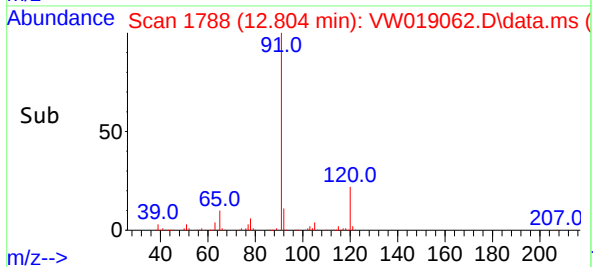
Tgt Ion:156 Resp: 51631  
Ion Ratio Lower Upper  
156 100  
77 204.7 96.7 290.0  
158 96.7 48.4 145.3



#78  
n-propylbenzene  
Concen: 12.07 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



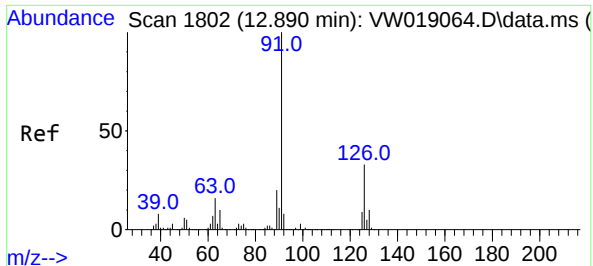
Tgt Ion: 91 Resp: 303636  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.1 33.3



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

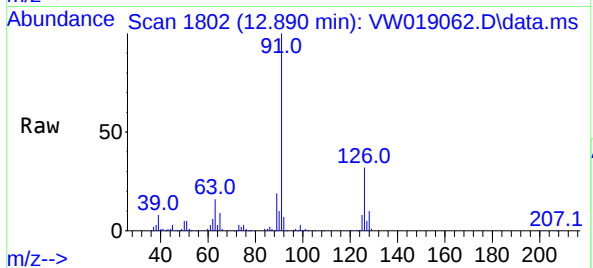
Manual Integrations  
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#79  
2-Chlorotoluene  
Concen: 11.85 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

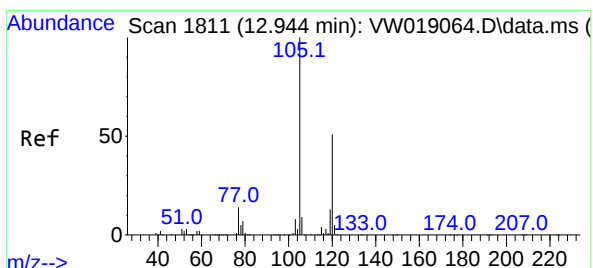
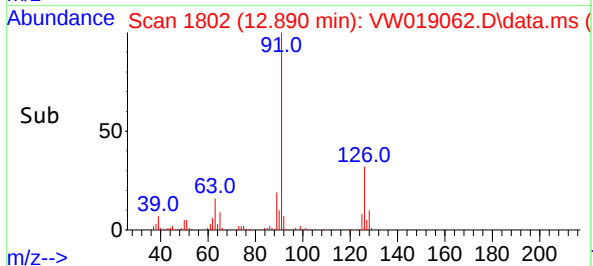
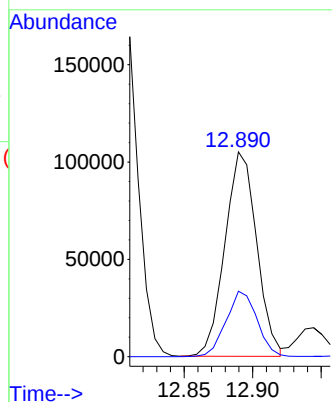
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010



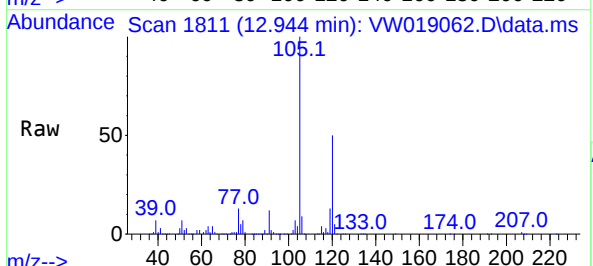
Tgt Ion: 91 Resp: 169518  
Ion Ratio Lower Upper  
91 100  
126 31.3 16.5 49.5

Manual Integrations  
APPROVED

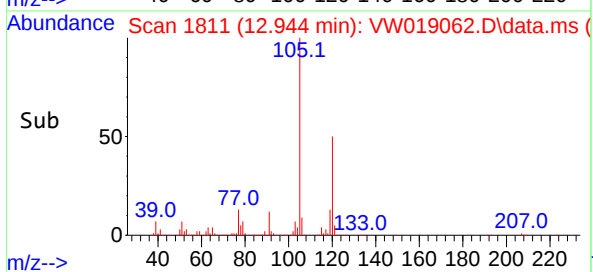
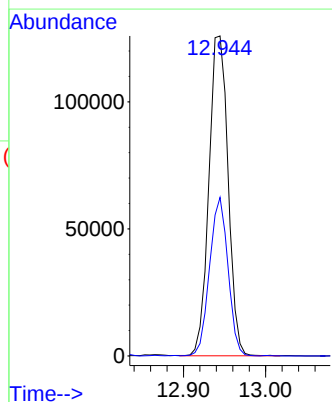
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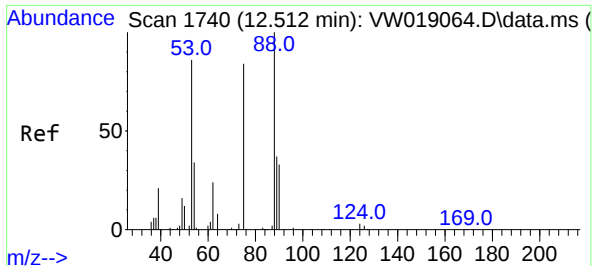


#80  
1,3,5-Trimethylbenzene  
Concen: 11.66 ug/l  
RT: 12.944 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

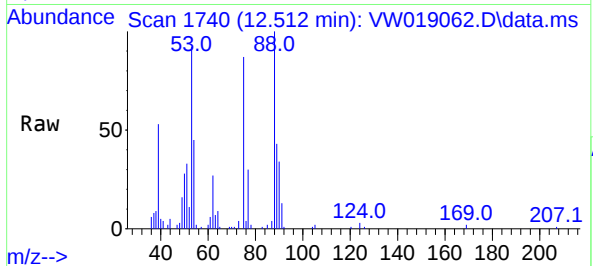


Tgt Ion: 105 Resp: 203647  
Ion Ratio Lower Upper  
105 100  
120 47.6 24.1 72.2

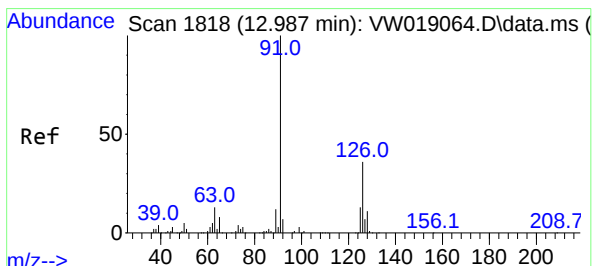
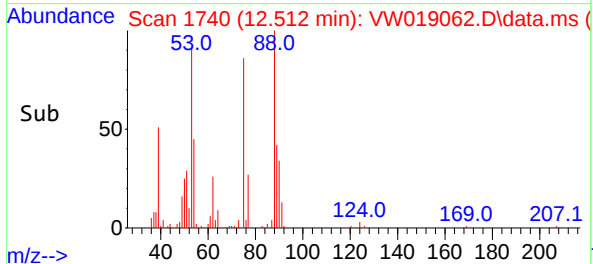
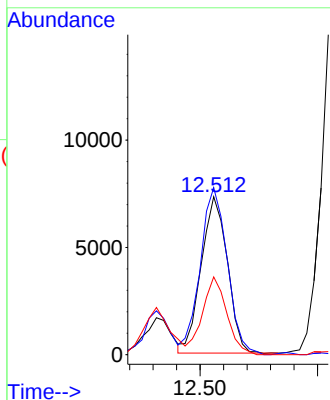




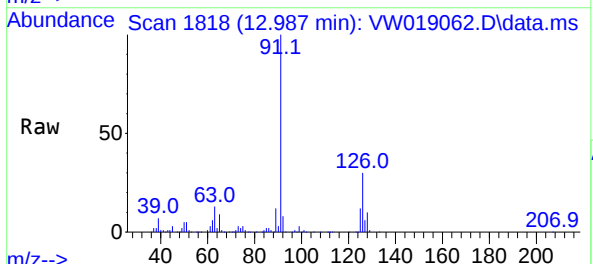
#81  
trans-1,4-Dichloro-2-butene  
Concen: 10.33 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



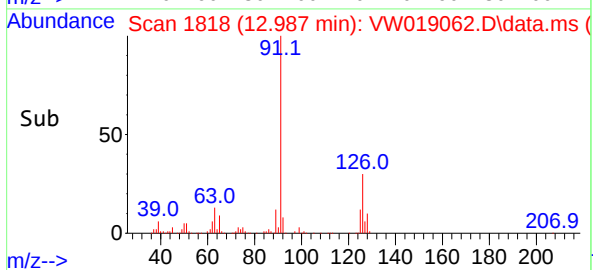
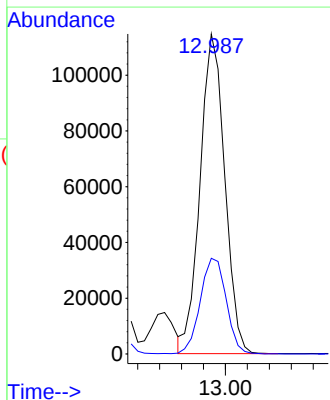
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 11313 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 110.7 | 81.5  | 122.3 |
| 89       | 46.2  | 36.3  | 54.5  |



#82  
4-Chlorotoluene  
Concen: 11.78 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



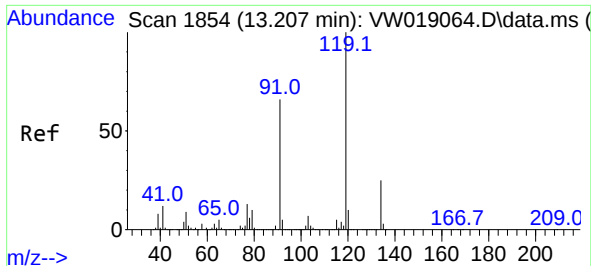
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 179264 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.5  | 16.1  | 48.2   |



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

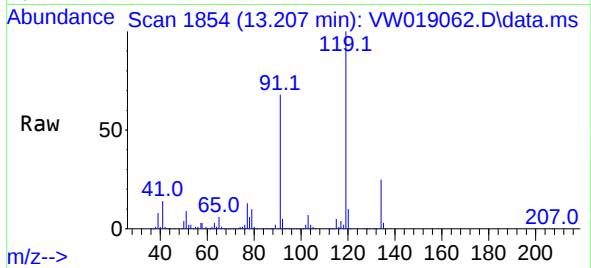
Manual Integrations  
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#83  
tert-Butylbenzene  
Concen: 11.59 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

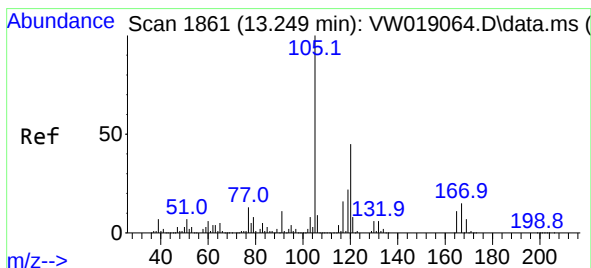
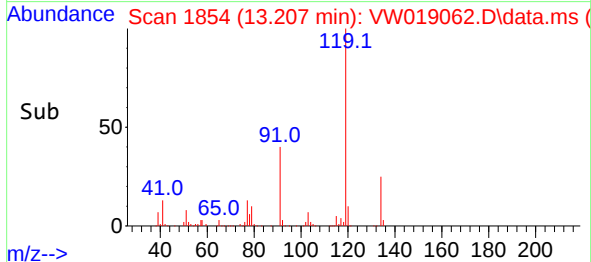
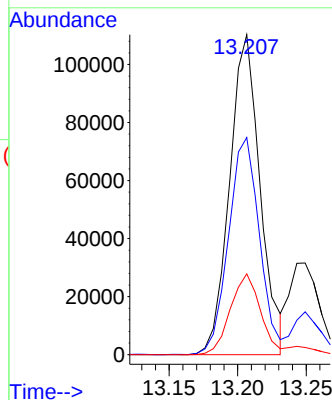
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010



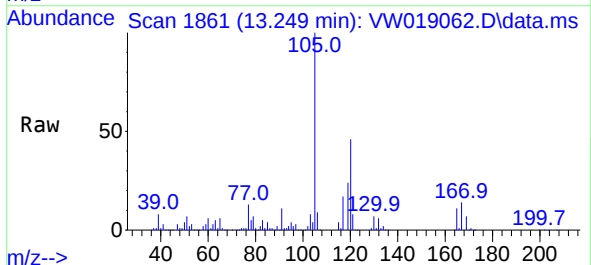
Tgt Ion:119 Resp: 171137  
Ion Ratio Lower Upper  
119 100  
91 68.7 34.0 102.0  
134 25.3 13.0 38.9

Manual Integrations  
APPROVED

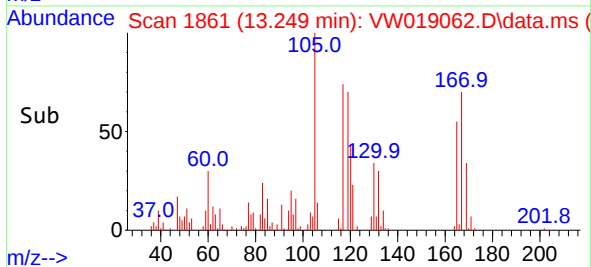
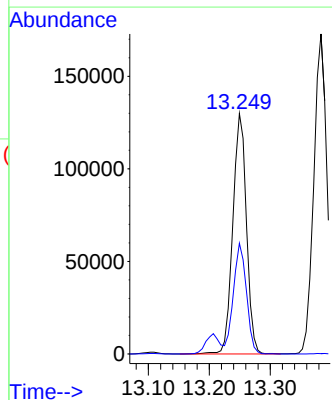
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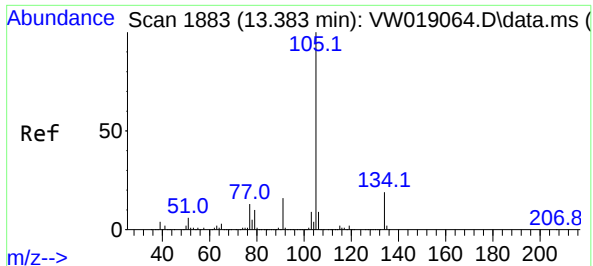


#84  
1,2,4-Trimethylbenzene  
Concen: 11.61 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



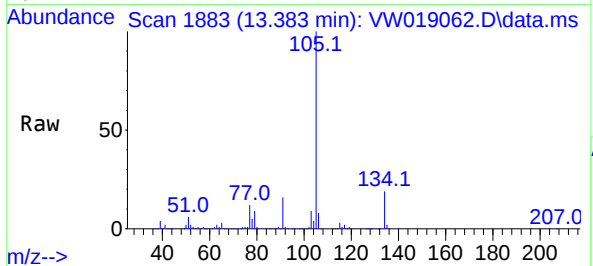
Tgt Ion:105 Resp: 201561  
Ion Ratio Lower Upper  
105 100  
120 43.9 22.4 67.0





#85  
sec-Butylbenzene  
Concen: 11.93 ug/l  
RT: 13.383 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

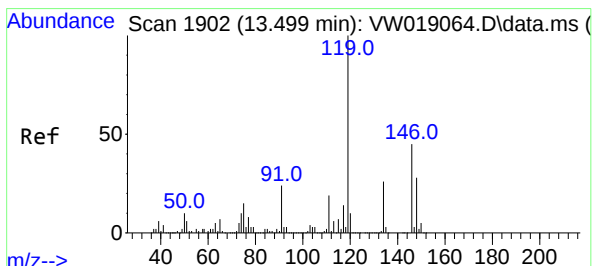
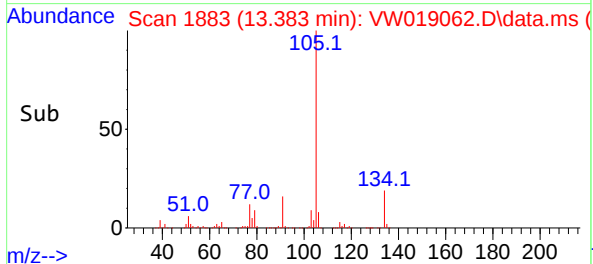
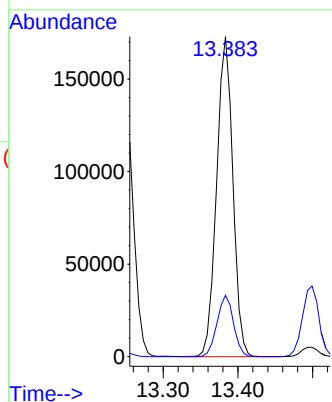
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010



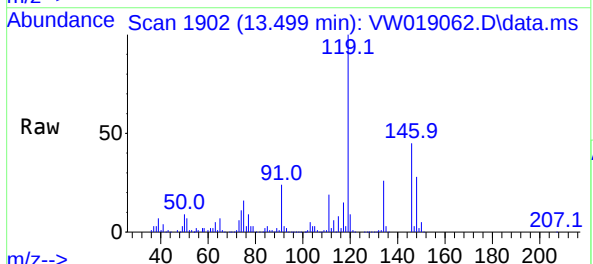
Tgt Ion:105 Resp: 260910  
Ion Ratio Lower Upper  
105 100  
134 19.5 10.1 30.1

Manual Integrations  
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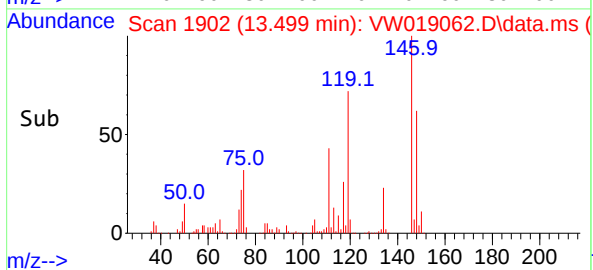
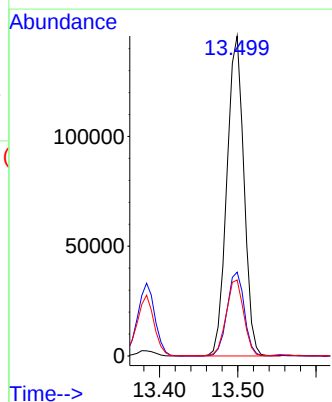
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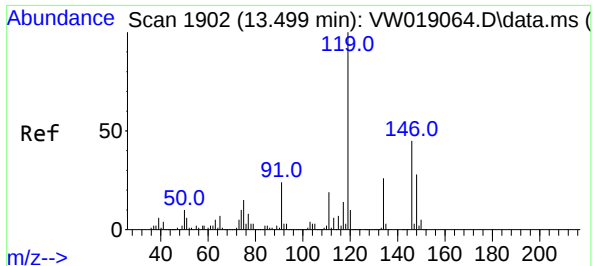


#86  
p-Isopropyltoluene  
Concen: 11.66 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

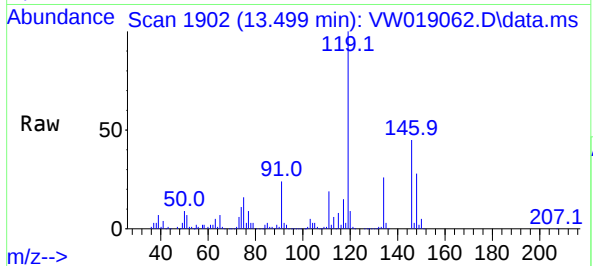


Tgt Ion:119 Resp: 220661  
Ion Ratio Lower Upper  
119 100  
134 26.4 12.8 38.3  
91 24.3 12.1 36.3

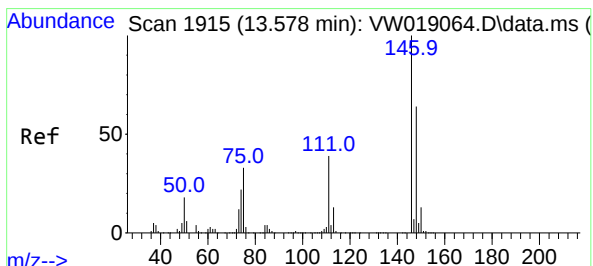
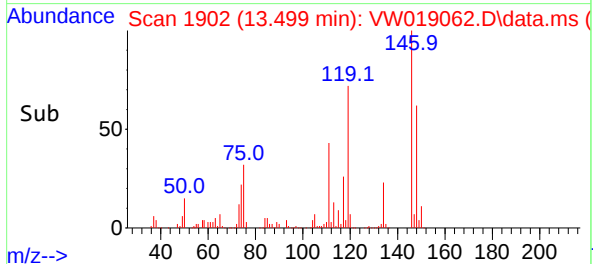
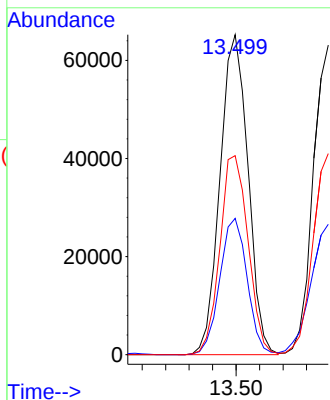




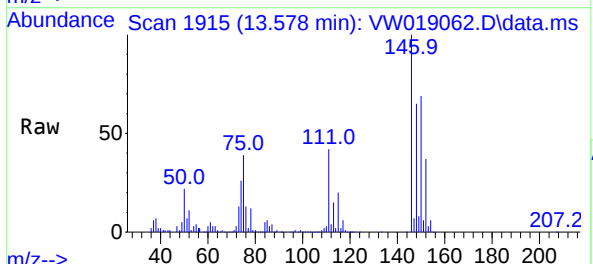
#87  
1,3-Dichlorobenzene  
Concen: 11.75 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



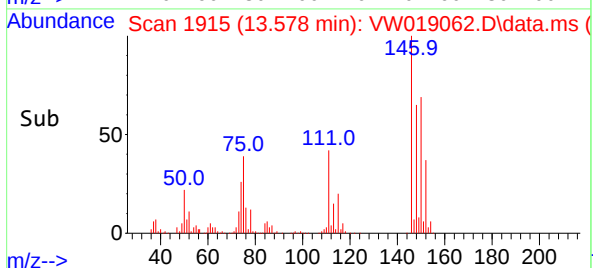
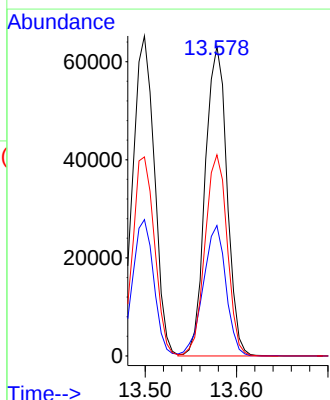
Tgt Ion:146 Resp: 108151  
Ion Ratio Lower Upper  
146 100  
111 41.8 20.7 62.1  
148 62.7 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 11.42 ug/l  
RT: 13.578 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



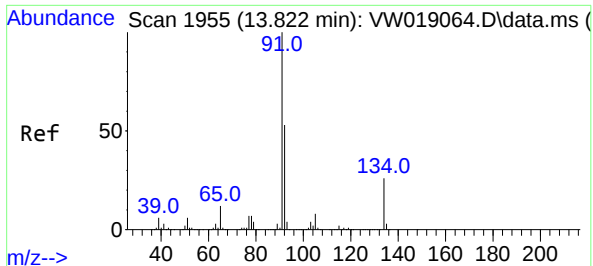
Tgt Ion:146 Resp: 104321  
Ion Ratio Lower Upper  
146 100  
111 43.9 20.1 60.3  
148 66.2 32.4 97.2



Instrument :  
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ClientSampleId :  
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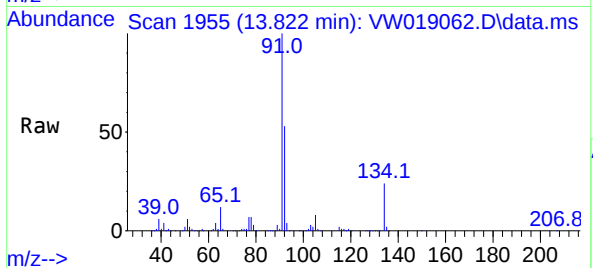
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#89  
n-Butylbenzene  
Concen: 12.00 ug/l  
RT: 13.822 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

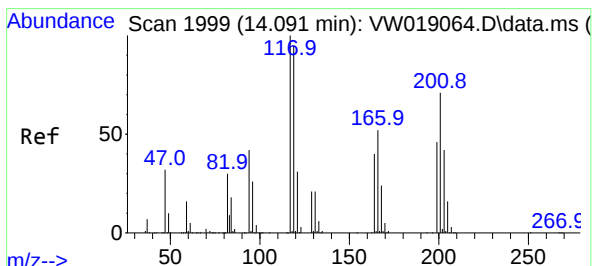
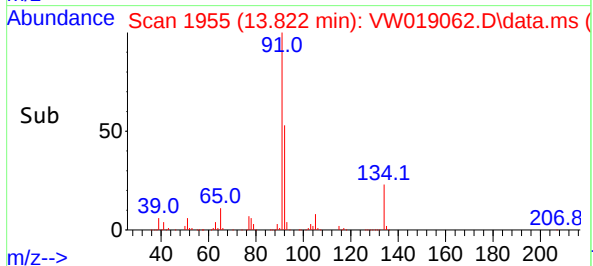
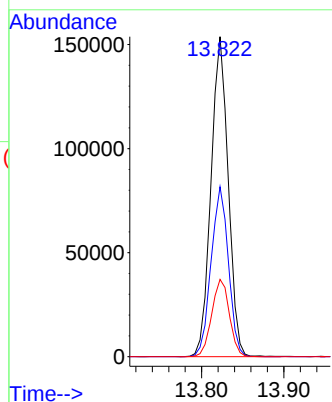
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010



Tgt Ion: 91 Resp: 223559  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.6 79.8  
134 24.7 12.7 38.0

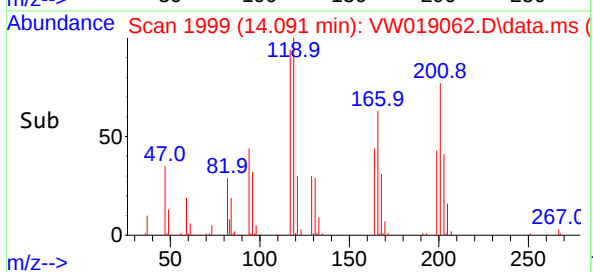
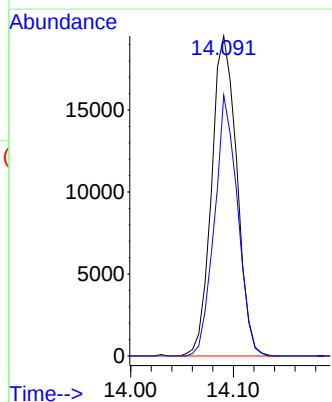
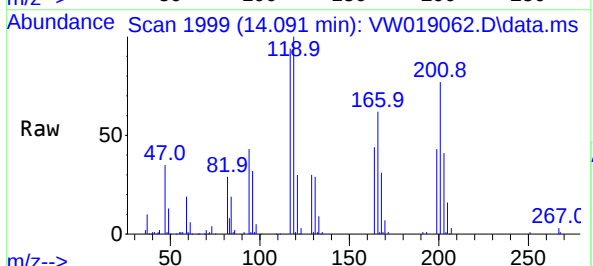
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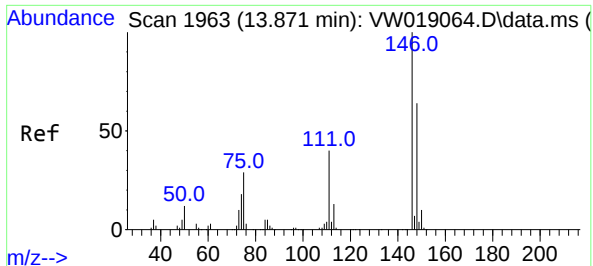
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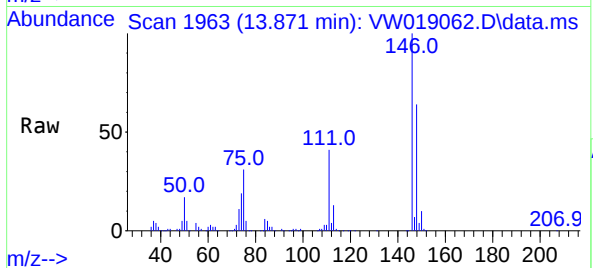
#90  
Hexachloroethane  
Concen: 11.17 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion: 117 Resp: 33144  
Ion Ratio Lower Upper  
117 100  
201 74.9 38.4 115.2

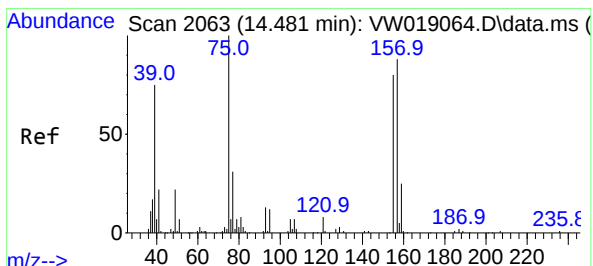
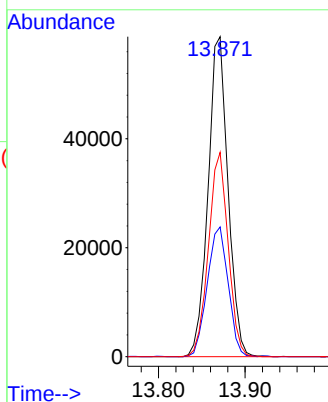
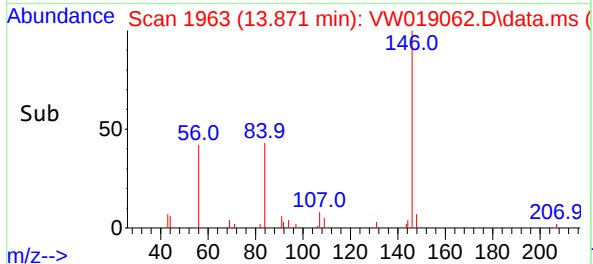




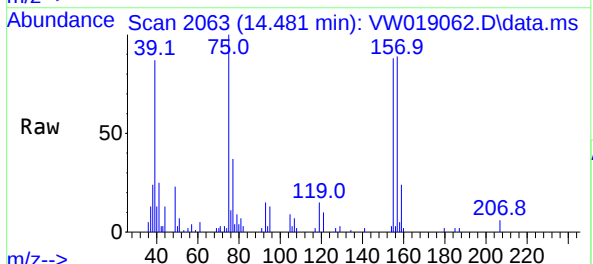
#91  
1,2-Dichlorobenzene  
Concen: 11.50 ug/l  
RT: 13.871 min Scan# 1963  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



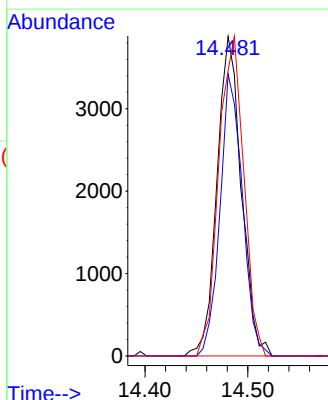
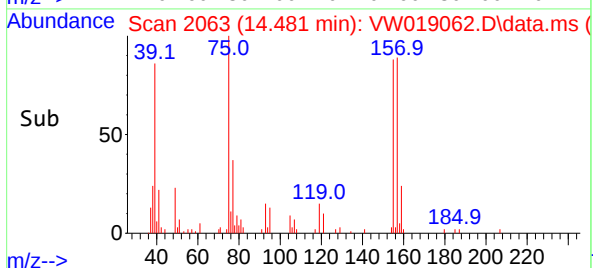
Tgt Ion: 146 Resp: 93986  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.1 63.1  
148 63.1 32.6 97.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 10.85 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00



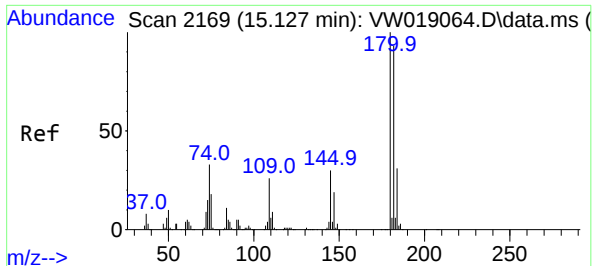
Tgt Ion: 75 Resp: 6394  
Ion Ratio Lower Upper  
75 100  
155 80.8 41.3 124.1  
157 102.7 51.2 153.6



Instrument :  
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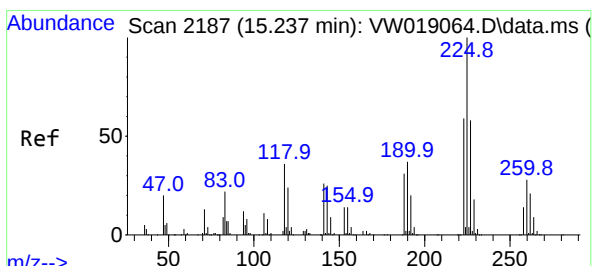
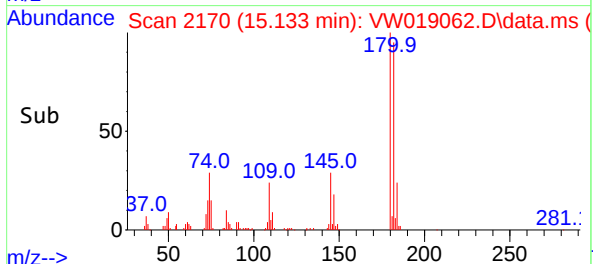
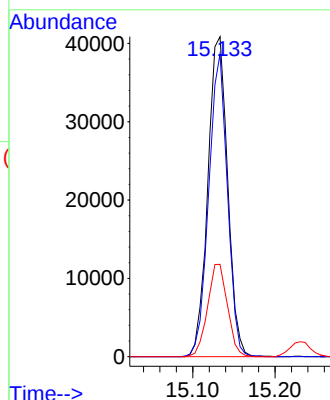
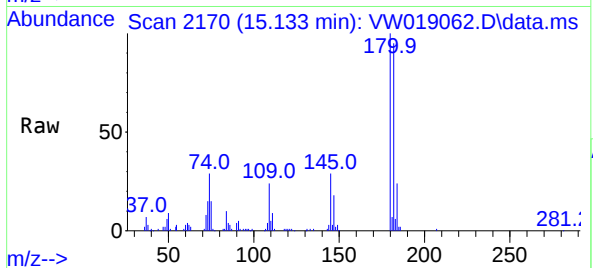
#93  
1,2,4-Trichlorobenzene  
Concen: 12.39 ug/l  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion:180 Resp: 68247  
Ion Ratio Lower Upper  
180 100  
182 89.1 48.9 146.7  
145 29.0 15.4 46.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

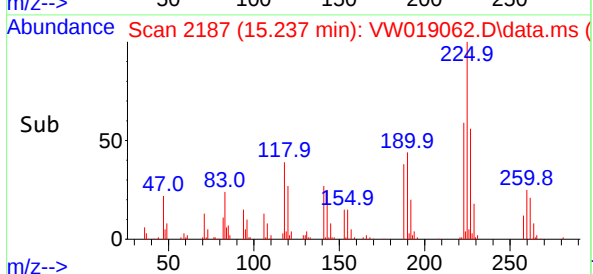
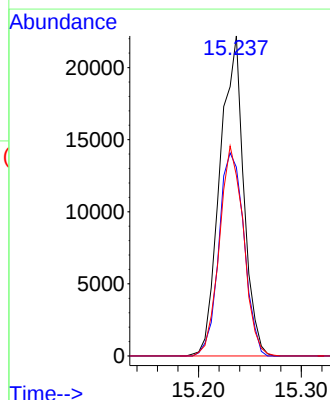
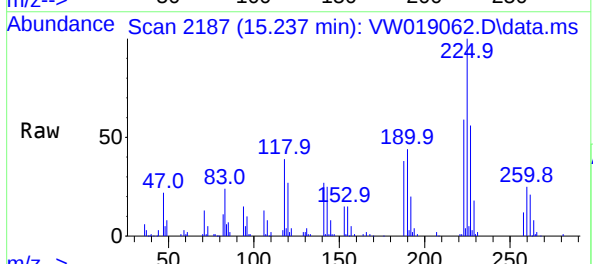
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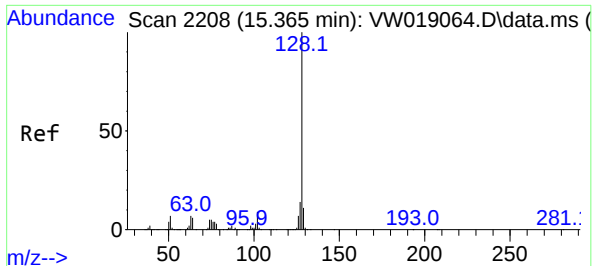
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#94  
Hexachlorobutadiene  
Concen: 11.23 ug/l  
RT: 15.237 min Scan# 2187  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Tgt Ion:225 Resp: 35486  
Ion Ratio Lower Upper  
225 100  
223 67.6 29.6 88.8  
227 66.8 30.4 91.3





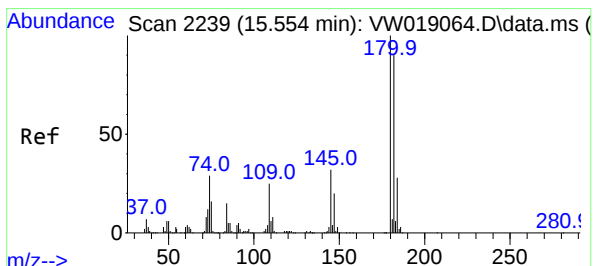
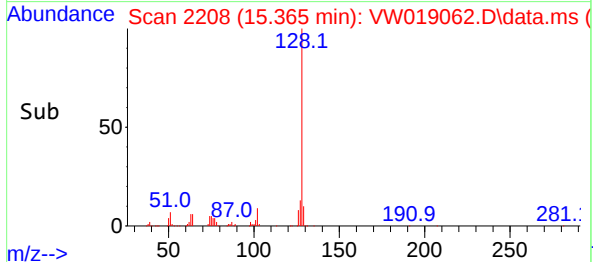
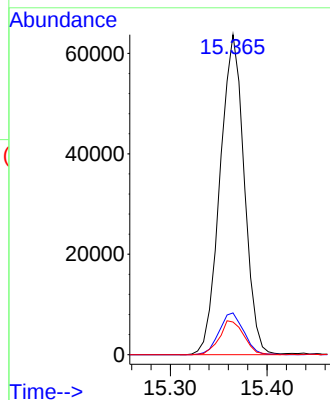
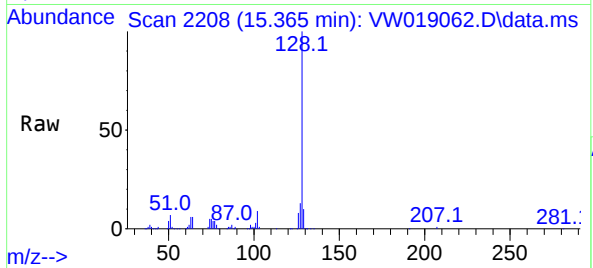
#95  
Naphthalene  
Concen: 11.08 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 110572 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.3  | 10.4  | 15.6   |
| 129      | 10.7  | 8.5   | 12.7   |

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#96  
1,2,3-Trichlorobenzene  
Concen: 11.48 ug/l  
RT: 15.554 min Scan# 2239  
Delta R.T. -0.000 min  
Lab File: VW019062.D  
Acq: 24 May 2021 12:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 54577 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 96.9  | 47.4  | 142.3 |
| 145      | 33.3  | 16.1  | 48.2  |

