

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD020521\  
 Data File : VD068307.D  
 Acq On : 05 Feb 2021 18:35  
 Operator : VA/SY  
 Sample : VD0205SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0205SBS01

Quant Time: Feb 05 21:44:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 386006   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 665636   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.643 | 117  | 594035   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.573 | 152  | 279521   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| System Monitoring Compounds |        |       |          |          |      |        |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 166243   | 45.02    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 90.04% |
| 35) Dibromofluoromethane    | 7.920  | 113   | 183256   | 49.80    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 99.60% |
| 50) Toluene-d8              | 10.344 | 98    | 640069   | 43.48    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 86.96% |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 239436   | 45.17    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 90.34% |

|                              |       |     |        |        |        |        |
|------------------------------|-------|-----|--------|--------|--------|--------|
| Target Compounds             |       |     |        |        |        | Qvalue |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 87018  | 18.98  | ug/l   | 98     |
| 3) Chloromethane             | 2.209 | 50  | 100218 | 20.30  | ug/l   | 98     |
| 4) Vinyl Chloride            | 2.350 | 62  | 118245 | 21.53  | ug/l   | 98     |
| 5) Bromomethane              | 2.762 | 94  | 89264  | 23.70  | ug/l   | 99     |
| 6) Chloroethane              | 2.920 | 64  | 79166  | 23.59  | ug/l   | 96     |
| 7) Trichlorofluoromethane    | 3.279 | 101 | 151389 | 21.00  | ug/l   | 99     |
| 8) Diethyl Ether             | 3.709 | 74  | 44059  | 20.76  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluo... | 4.103 | 101 | 91299  | 21.71  | ug/l   | 95     |
| 10) Methyl Iodide            | 4.309 | 142 | 81685  | 19.38  | ug/l   | 93     |
| 11) Tert butyl alcohol       | 5.220 | 59  | 39038  | 71.28  | ug/l # | 90     |
| 12) 1,1-Dichloroethene       | 4.073 | 96  | 88728  | 20.98  | ug/l   | 96     |
| 13) Acrolein                 | 3.926 | 56  | 25450  | 87.46  | ug/l   | 94     |
| 14) Allyl chloride           | 4.720 | 41  | 113118 | 18.39  | ug/l   | 98     |
| 15) Acrylonitrile            | 5.426 | 53  | 89146  | 106.02 | ug/l   | 98     |
| 16) Acetone                  | 4.162 | 43  | 63166  | 95.80  | ug/l   | 92     |
| 17) Carbon Disulfide         | 4.414 | 76  | 251395 | 18.46  | ug/l   | 99     |
| 18) Methyl Acetate           | 4.726 | 43  | 34593  | 20.22  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 202637 | 20.73  | ug/l   | 95     |
| 20) Methylene Chloride       | 4.967 | 84  | 112226 | 22.15  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene | 5.473 | 96  | 104805 | 21.59  | ug/l   | 95     |
| 22) Diisopropyl ether        | 6.367 | 45  | 245193 | 19.75  | ug/l   | 97     |
| 23) Vinyl Acetate            | 6.308 | 43  | 640145 | 96.75  | ug/l   | 98     |
| 24) 1,1-Dichloroethane       | 6.267 | 63  | 171119 | 21.28  | ug/l   | 99     |
| 25) 2-Butanone               | 7.214 | 43  | 94293  | 94.98  | ug/l   | 100    |
| 26) 2,2-Dichloropropane      | 7.208 | 77  | 146759 | 19.29  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene   | 7.214 | 96  | 115603 | 21.93  | ug/l   | 97     |
| 28) Bromochloromethane       | 7.550 | 49  | 61575  | 22.47  | ug/l   | 85     |
| 29) Tetrahydrofuran          | 7.567 | 42  | 59398  | 92.30  | ug/l   | 97     |
| 30) Chloroform               | 7.714 | 83  | 180034 | 22.15  | ug/l   | 98     |
| 31) Cyclohexane              | 7.985 | 56  | 146831 | 18.36  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane    | 7.902 | 97  | 158515 | 21.64  | ug/l   | 96     |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 135928 | 20.25  | ug/l   | 98     |
| 37) Ethyl Acetate            | 7.297 | 43  | 46883  | 19.75  | ug/l   | 96     |
| 38) Carbon Tetrachloride     | 8.097 | 117 | 132409 | 21.07  | ug/l   | 97     |
| 39) Methylcyclohexane        | 9.355 | 83  | 171971 | 19.60  | ug/l   | 98     |
| 40) Benzene                  | 8.355 | 78  | 398557 | 21.24  | ug/l   | 98     |

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 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0205SBS01

Quant Time: Feb 05 21:44:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 21573    | 15.05  | ug/l # | 74       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 109897   | 21.91  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.455  | 43   | 89471    | 18.08  | ug/l   | 98       |
| 44) Trichloroethene           | 9.114  | 130  | 112475   | 21.82  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 97822    | 21.28  | ug/l   | 93       |
| 46) Dibromomethane            | 9.479  | 93   | 52278    | 22.45  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.667  | 83   | 138381   | 22.02  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.461  | 41   | 41905    | 17.01  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.467  | 88   | 11427    | 418.71 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.232 | 43   | 224239   | 97.49  | ug/l   | 100      |
| 52) Toluene                   | 10.408 | 92   | 260041   | 21.27  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 126083   | 19.82  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.096 | 75   | 154109   | 20.35  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 75739    | 22.95  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 87514    | 19.91  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.949 | 76   | 126646   | 21.75  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 225376   | 111.09 | ug/l   | 96       |
| 59) 2-Hexanone                | 10.985 | 43   | 149706   | 93.89  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.143 | 129  | 91854    | 22.20  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.249 | 107  | 72718    | 22.33  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.879 | 164  | 91789    | 21.92  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.673 | 112  | 280870   | 22.25  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.743 | 131  | 101320   | 22.82  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.743 | 91   | 496399   | 21.24  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.855 | 106  | 377258   | 42.76  | ug/l   | 99       |
| 69) o-Xylene                  | 12.179 | 106  | 179701   | 21.93  | ug/l   | 94       |
| 70) Styrene                   | 12.196 | 104  | 303109   | 21.67  | ug/l   | 99       |
| 71) Bromoform                 | 12.361 | 173  | 51646    | 22.95  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.479 | 105  | 481474   | 20.70  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.290 | 43   | 83123    | 17.19  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 79854    | 21.59  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.785 | 75   | 97992    | 36.26  | ug/l # | 100      |
| 77) Bromobenzene              | 12.761 | 156  | 111418   | 22.34  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.820 | 91   | 564512   | 20.51  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 311989   | 20.19  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 394557   | 20.37  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 22556    | 16.89  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 331764   | 20.65  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 342113   | 20.84  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 394522   | 20.52  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.402 | 105  | 472611   | 20.58  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 425904   | 20.39  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 206385   | 21.53  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.596 | 146  | 203201   | 21.51  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.843 | 91   | 402291   | 20.07  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.108 | 117  | 73474    | 19.48  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.890 | 146  | 179723   | 21.89  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.502 | 75   | 12437    | 20.54  | ug/l   | 83       |
| 93) 1,2,4-Trichlorobenzene    | 15.161 | 180  | 119403   | 21.21  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.267 | 225  | 66502    | 21.31  | ug/l   | 97       |
| 95) Naphthalene               | 15.396 | 128  | 216436   | 20.50  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.590 | 180  | 101984   | 21.48  | ug/l   | 96       |

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Data File : VD068307.D  
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Operator : VA/SY  
Sample : VD0205SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 16 Sample Multiplier: 1

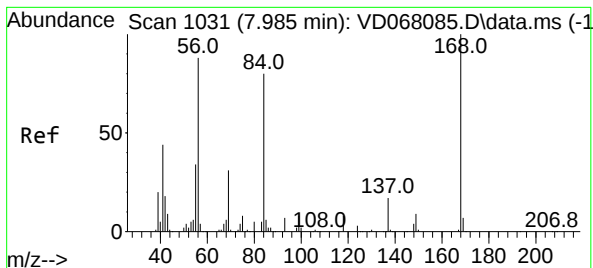
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

Quant Time: Feb 05 21:44:38 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 19 13:19:08 2021  
Response via : Initial Calibration

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

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

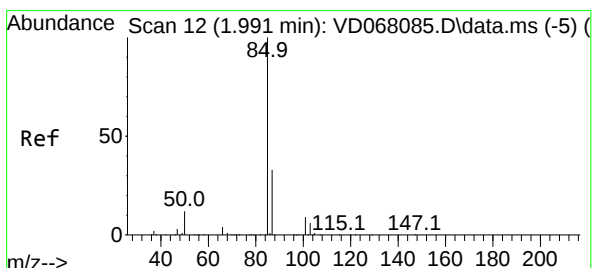
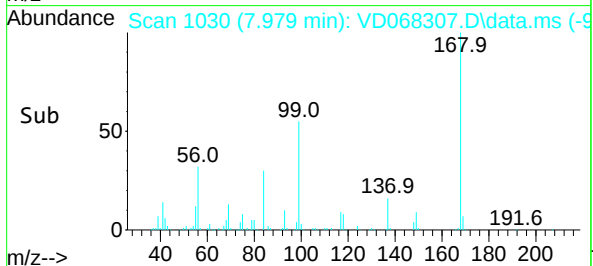
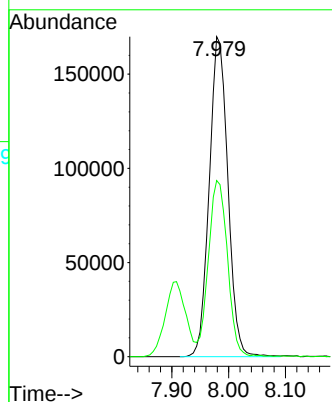
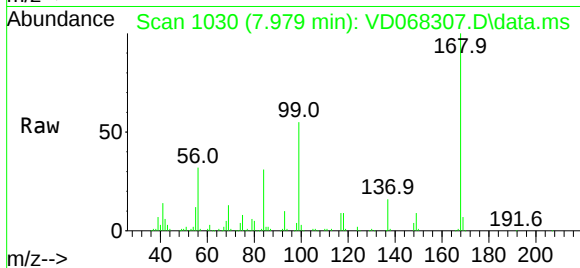




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

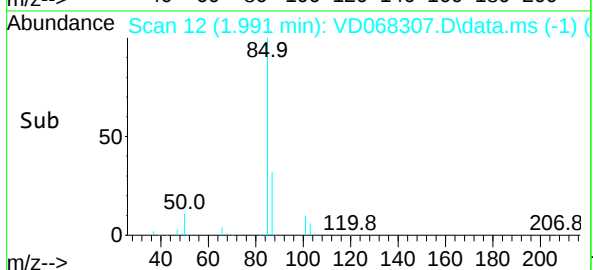
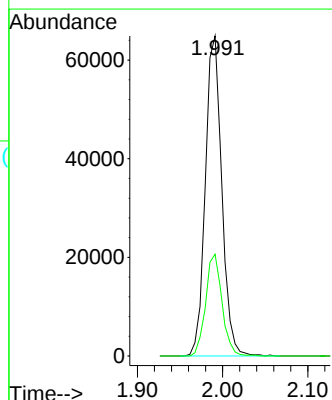
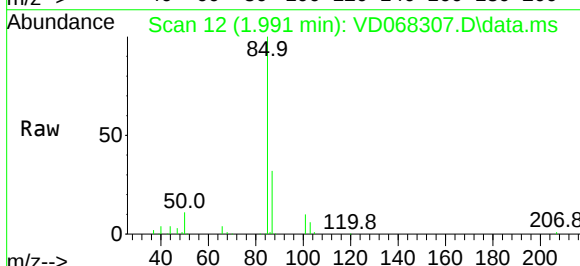
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

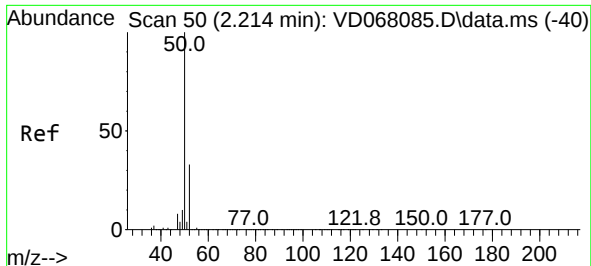
Tgt Ion:168 Resp: 386006  
Ion Ratio Lower Upper  
168 100  
99 54.9 43.5 65.3



#2  
Dichlorodifluoromethane  
Concen: 18.98 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 85 Resp: 87018  
Ion Ratio Lower Upper  
85 100  
87 31.8 15.4 46.1

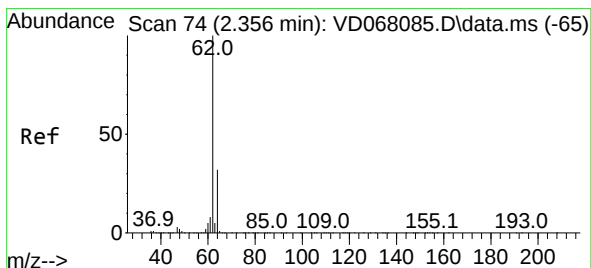
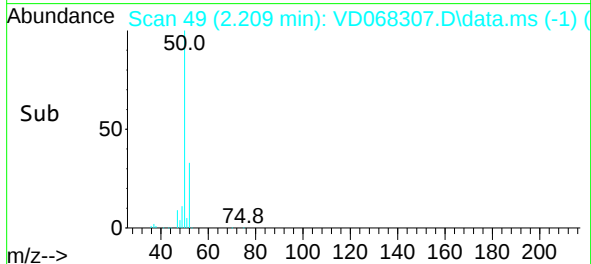
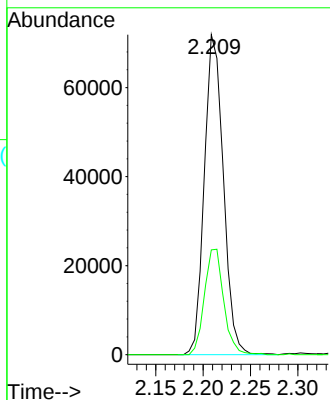
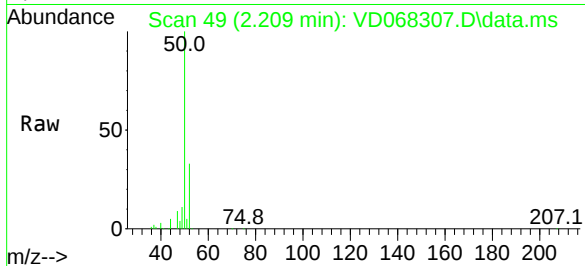




#3  
Chloromethane  
Concen: 20.30 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.005 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

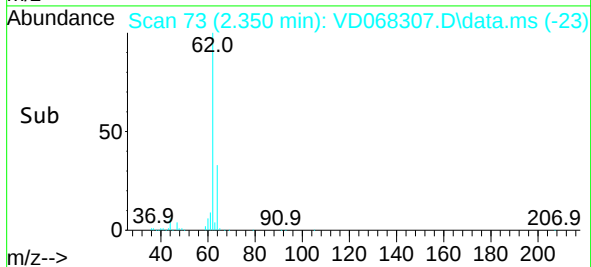
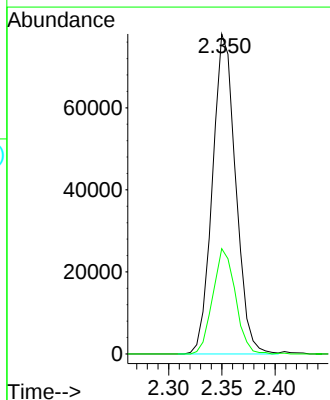
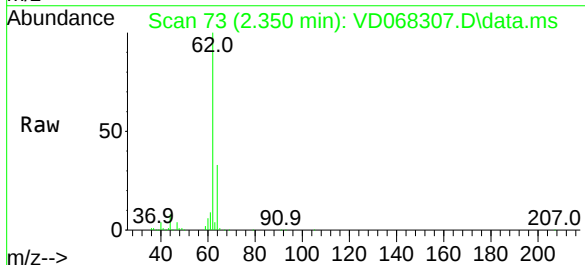
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

Tgt Ion: 50 Resp: 100218  
Ion Ratio Lower Upper  
50 100  
52 32.7 25.4 38.2



#4  
Vinyl Chloride  
Concen: 21.53 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 62 Resp: 118245  
Ion Ratio Lower Upper  
62 100  
64 32.9 25.4 38.2

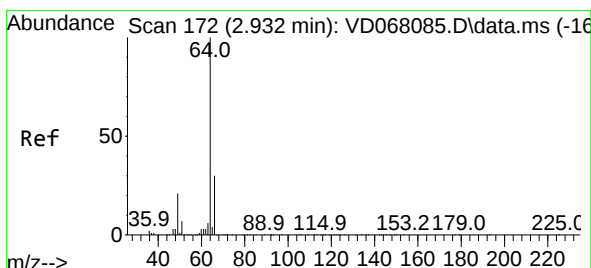
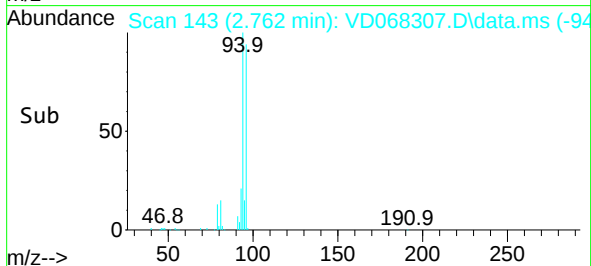
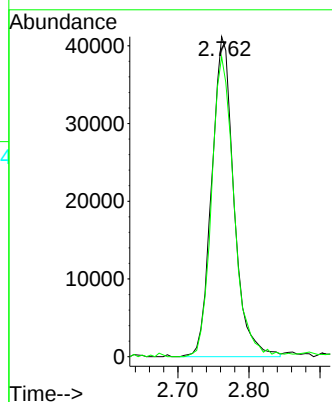
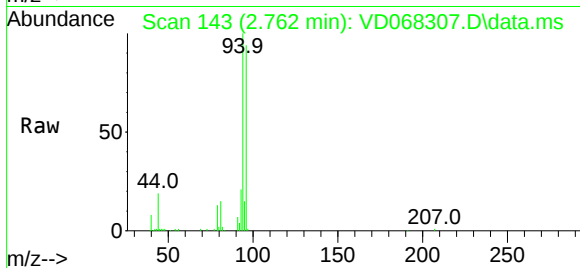




#5  
Bromomethane  
Concen: 23.70 ug/l  
RT: 2.762 min Scan# 143  
Delta R.T. -0.011 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

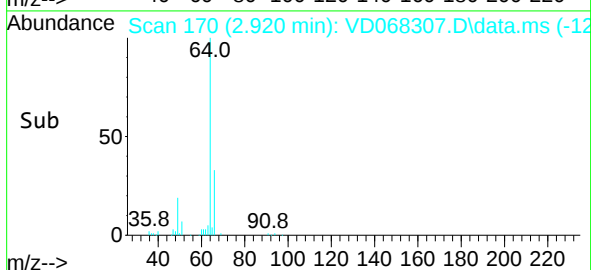
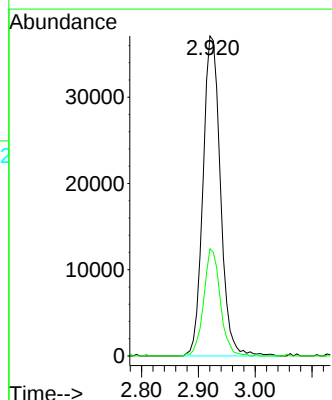
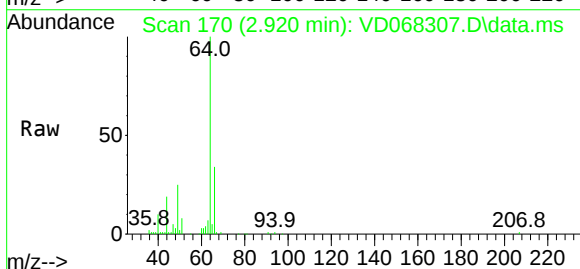
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

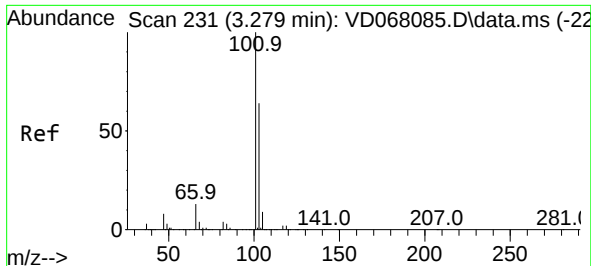
Tgt Ion: 94 Resp: 89264  
Ion Ratio Lower Upper  
94 100  
96 93.7 75.8 113.8



#6  
Chloroethane  
Concen: 23.59 ug/l  
RT: 2.920 min Scan# 170  
Delta R.T. -0.012 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 64 Resp: 79166  
Ion Ratio Lower Upper  
64 100  
66 33.5 25.1 37.7

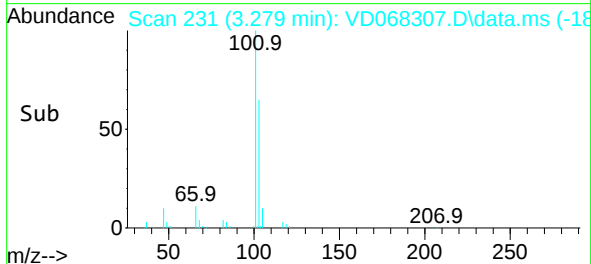
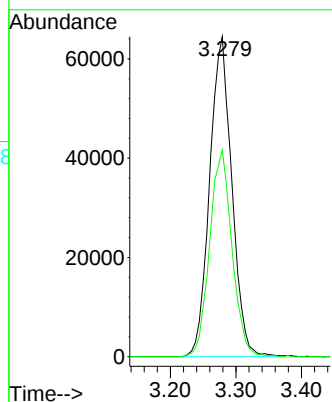
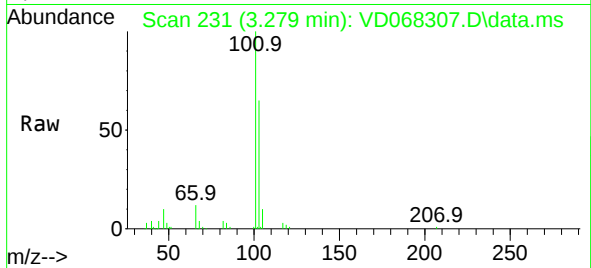




#7  
Trichlorofluoromethane  
Concen: 21.00 ug/l  
RT: 3.279 min Scan# 231  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

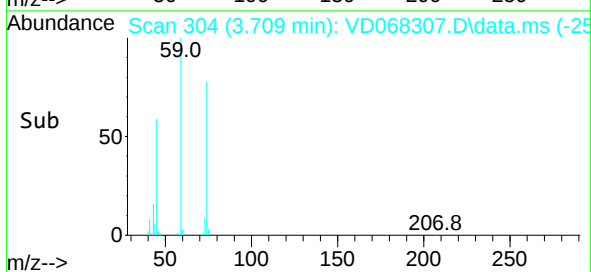
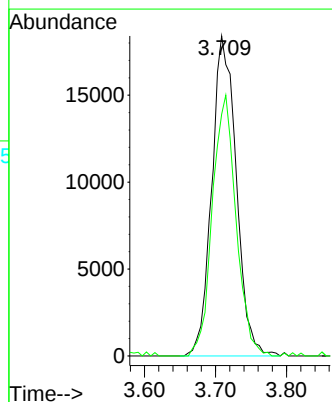
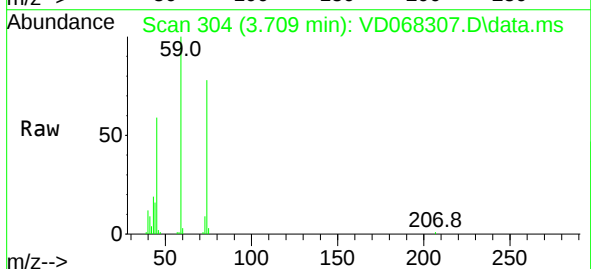
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

Tgt Ion:101 Resp: 151389  
Ion Ratio Lower Upper  
101 100  
103 64.6 52.0 78.0



#8  
Diethyl Ether  
Concen: 20.76 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. 0.001 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 74 Resp: 44059  
Ion Ratio Lower Upper  
74 100  
45 79.0 42.1 126.4

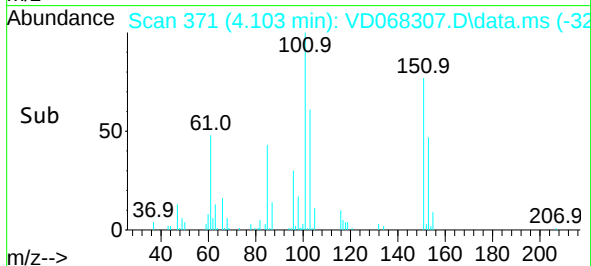
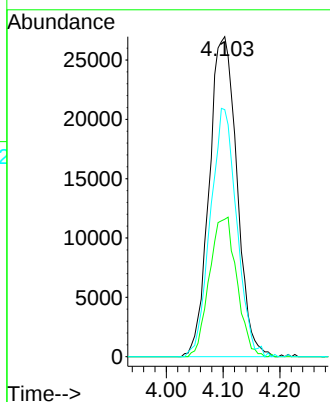
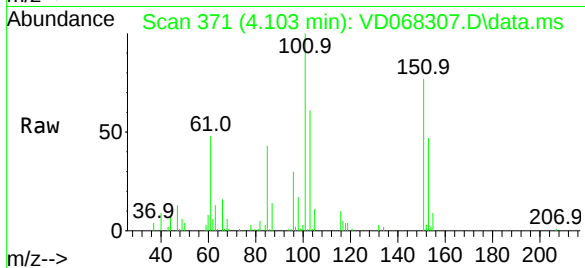




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.71 ug/l  
RT: 4.103 min Scan# 371  
Delta R.T. 0.001 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

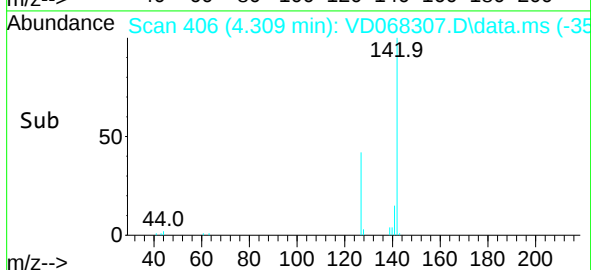
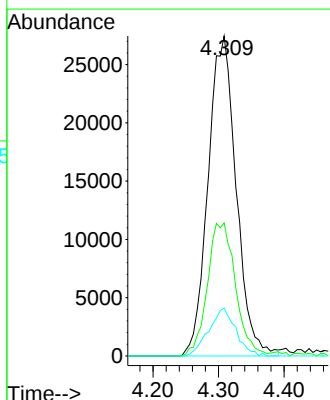
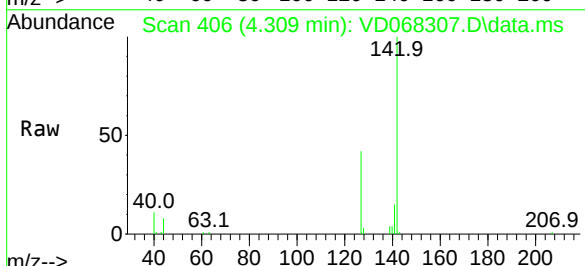
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

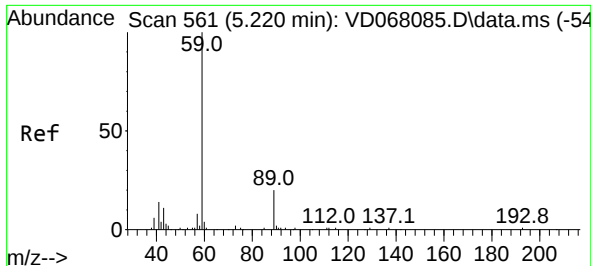
Tgt Ion:101 Resp: 91299  
Ion Ratio Lower Upper  
101 100  
85 43.0 34.0 51.0  
151 73.9 64.1 96.1



#10  
Methyl Iodide  
Concen: 19.38 ug/l  
RT: 4.309 min Scan# 406  
Delta R.T. 0.001 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion:142 Resp: 81685  
Ion Ratio Lower Upper  
142 100  
127 41.5 37.9 56.9  
141 14.4 11.5 17.3



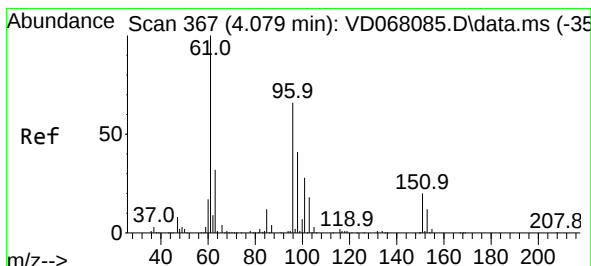
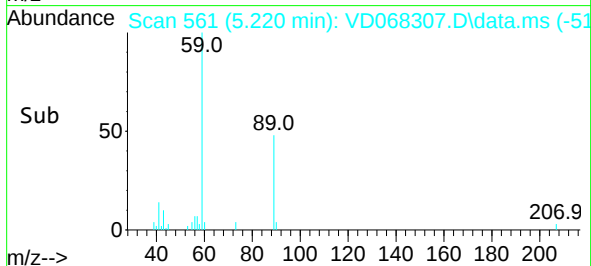
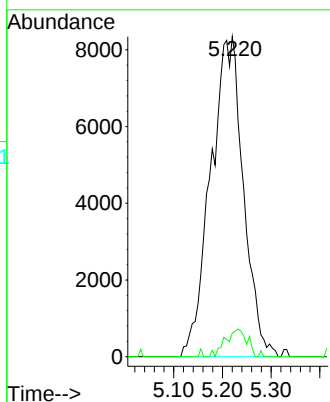
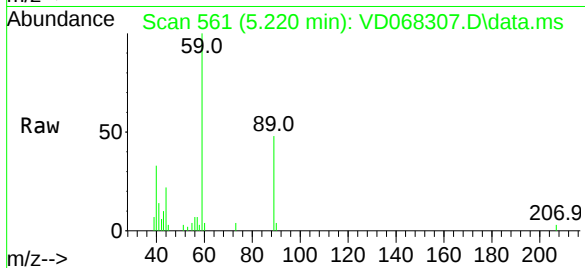


#11

Tert butyl alcohol  
Concen: 71.28 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

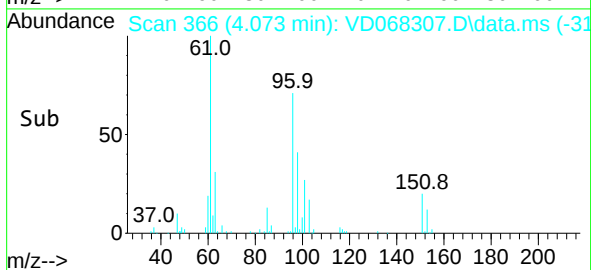
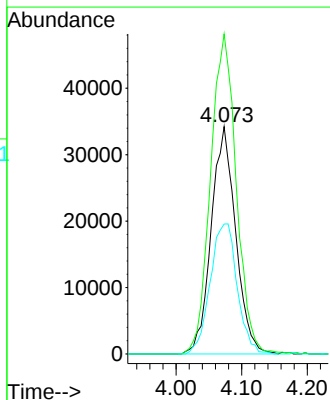
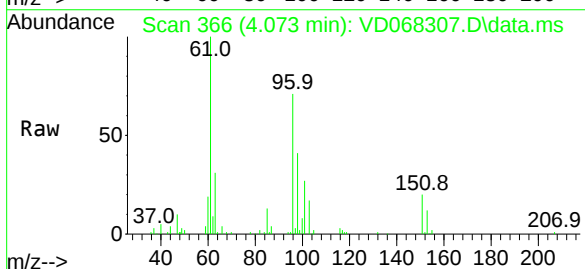
Tgt Ion: 59 Resp: 39038  
Ion Ratio Lower Upper  
59 100  
57 5.6 7.4 11.2#



#12

1,1-Dichloroethene  
Concen: 20.98 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 96 Resp: 88728  
Ion Ratio Lower Upper  
96 100  
61 140.7 116.2 174.4  
98 57.1 48.6 73.0

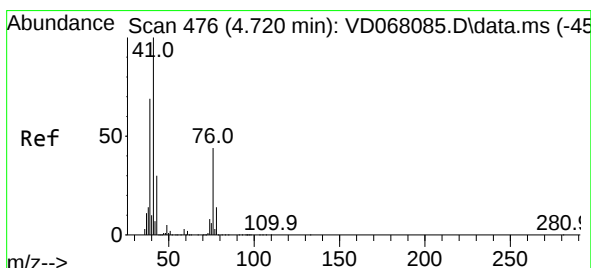
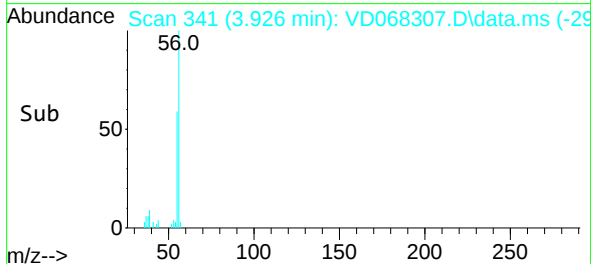
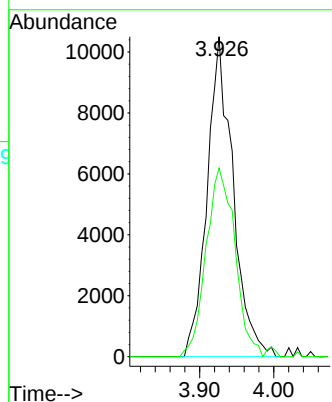
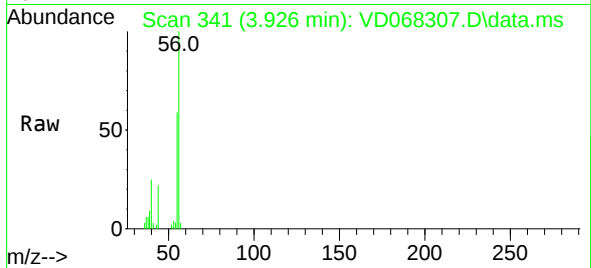




#13  
Acrolein  
Concen: 87.46 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

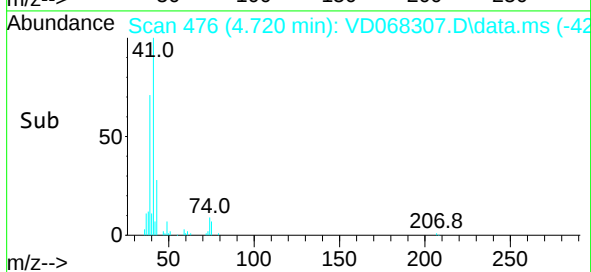
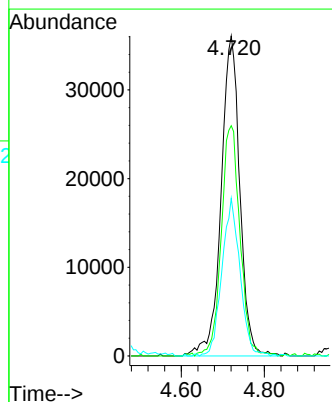
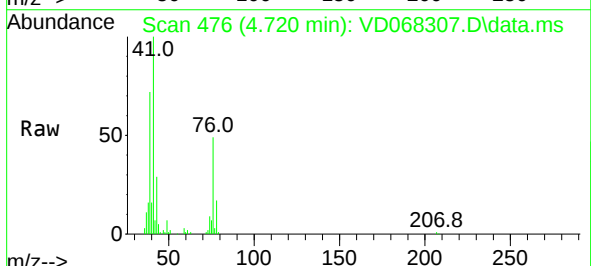
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

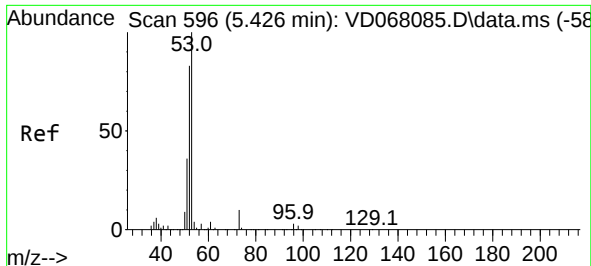
Tgt Ion: 56 Resp: 25450  
Ion Ratio Lower Upper  
56 100  
55 65.8 56.5 84.7



#14  
Allyl chloride  
Concen: 18.39 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 41 Resp: 113118  
Ion Ratio Lower Upper  
41 100  
39 71.9 56.3 84.5  
76 47.2 38.9 58.3

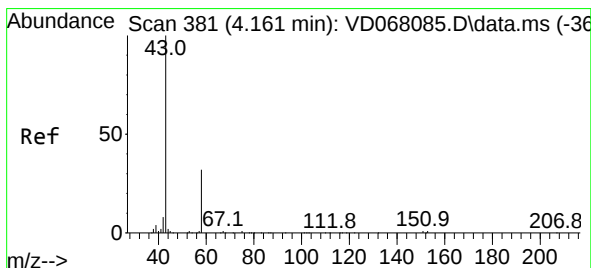
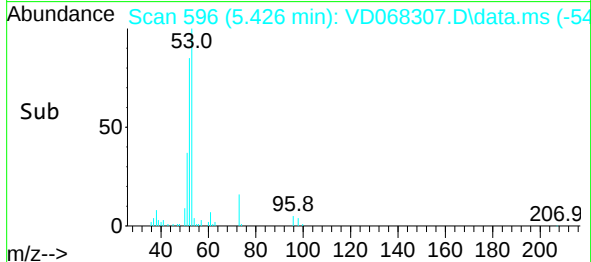
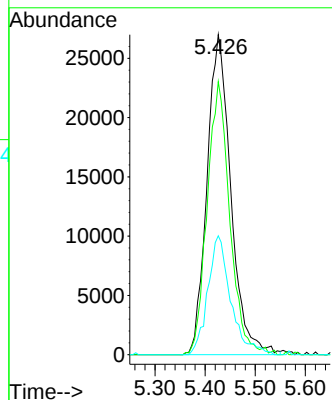
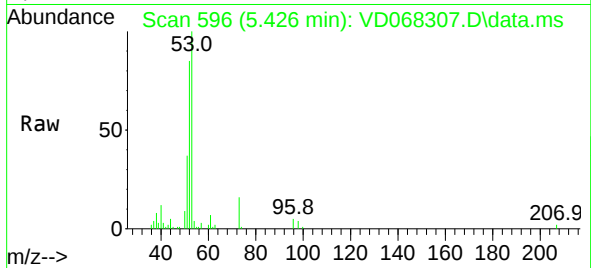




#15  
Acrylonitrile  
Concen: 106.02 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

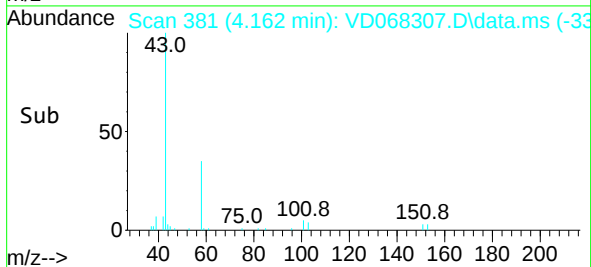
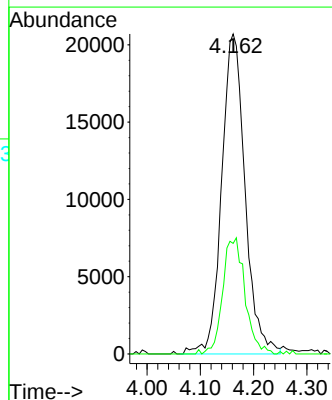
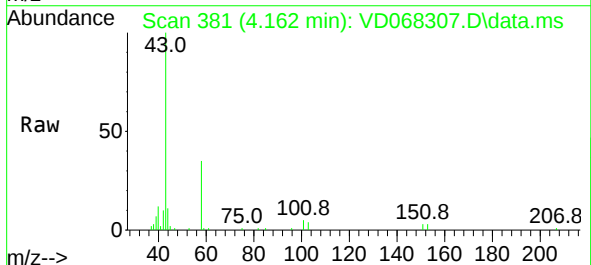
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 89146 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.0  | 66.2  | 99.2  |
| 51       | 35.8  | 29.0  | 43.4  |



#16  
Acetone  
Concen: 95.80 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

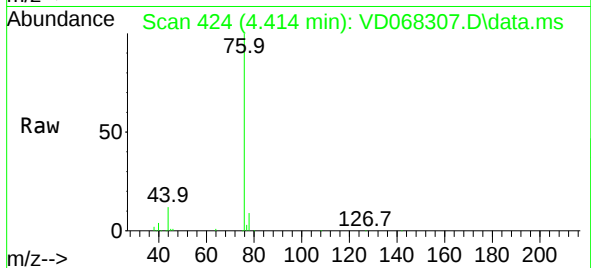
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 63166 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 34.5  | 24.2  | 36.4  |



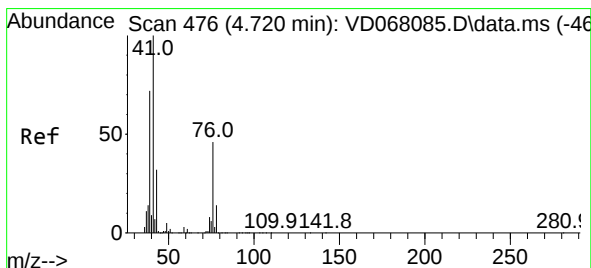
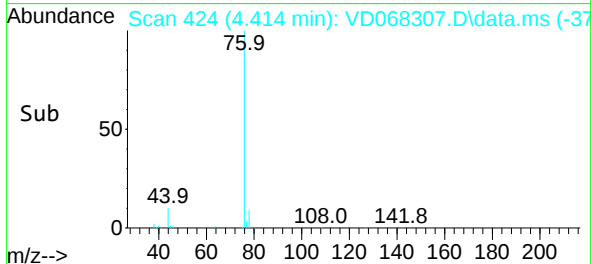
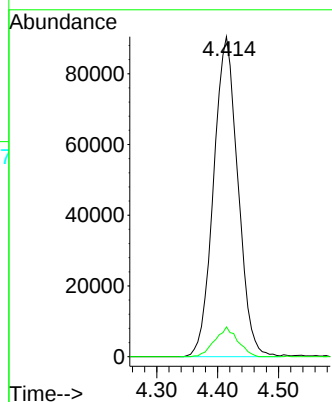


#17  
Carbon Disulfide  
Concen: 18.46 ug/l  
RT: 4.414 min Scan# 424  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

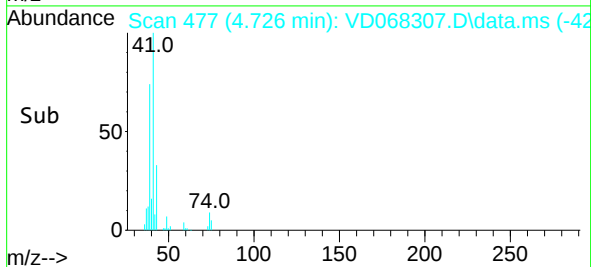
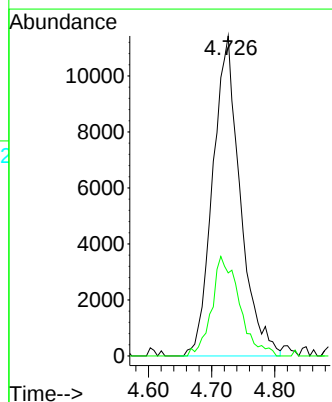
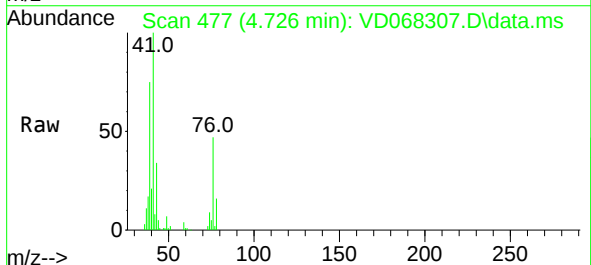


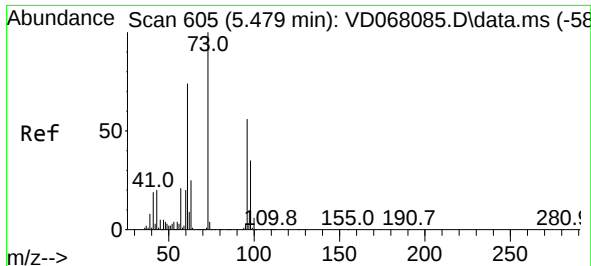
Tgt Ion: 76 Resp: 251395  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.3 10.9



#18  
Methyl Acetate  
Concen: 20.22 ug/l  
RT: 4.726 min Scan# 477  
Delta R.T. 0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 43 Resp: 34593  
Ion Ratio Lower Upper  
43 100  
74 31.3 25.4 38.0



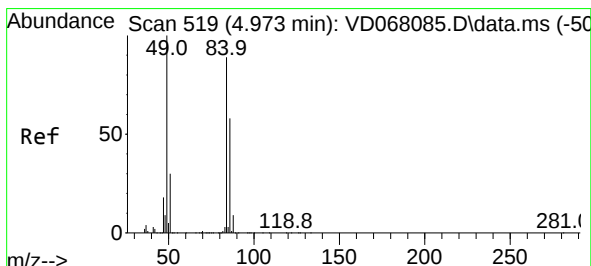
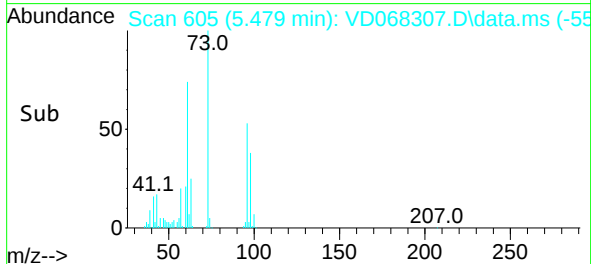
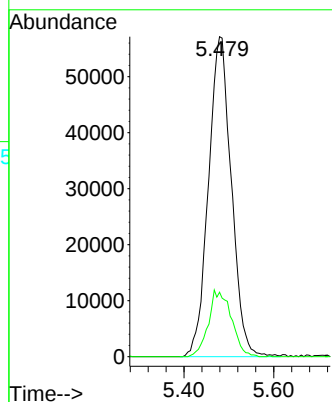
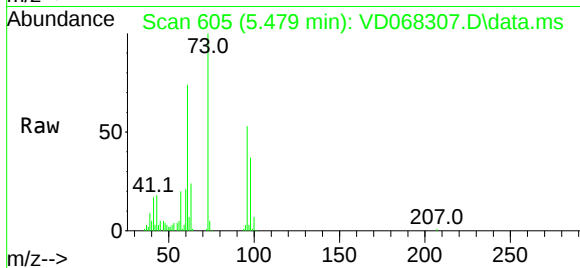


#19

Methyl tert-butyl Ether  
Concen: 20.73 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

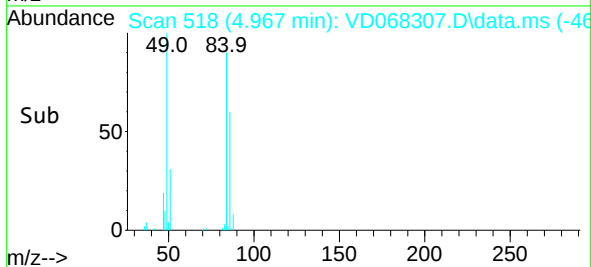
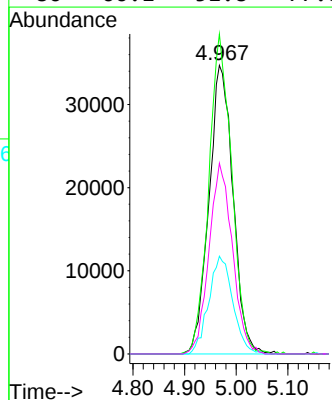
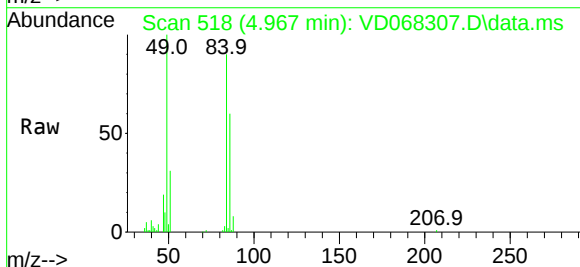
Tgt Ion: 73 Resp: 202637  
Ion Ratio Lower Upper  
73 100  
57 20.1 14.4 21.6

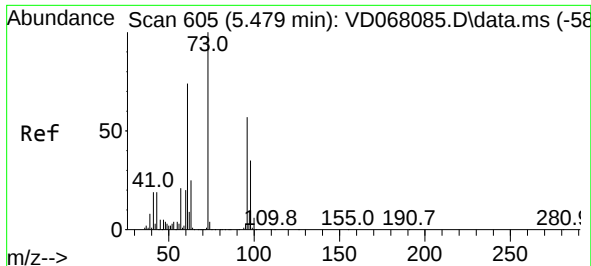


#20

Methylene Chloride  
Concen: 22.15 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 84 Resp: 112226  
Ion Ratio Lower Upper  
84 100  
49 110.9 77.4 116.2  
51 33.9 26.1 39.1  
86 66.1 51.8 77.8

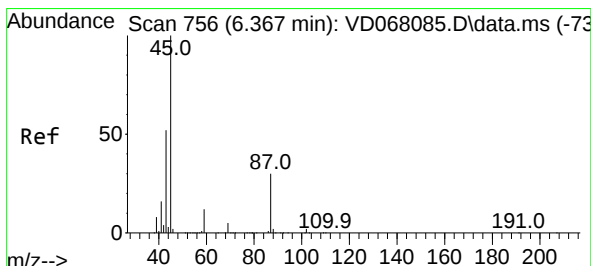
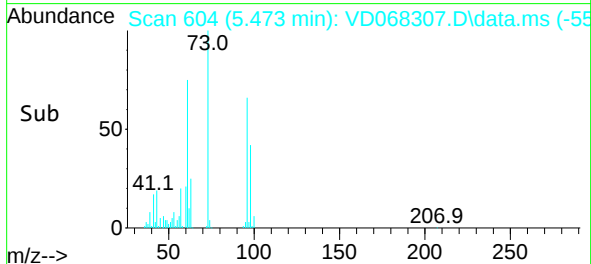
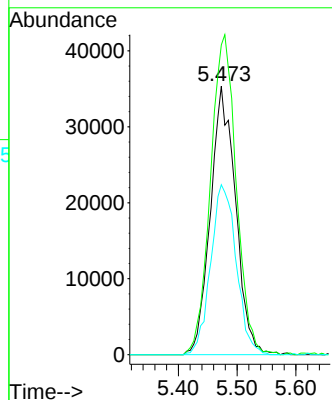
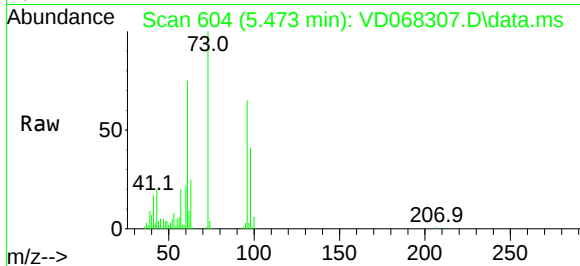




#21  
trans-1,2-Dichloroethene  
Concen: 21.59 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

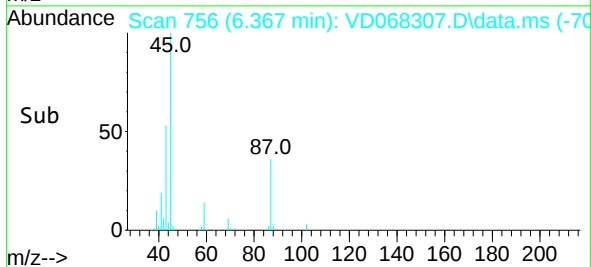
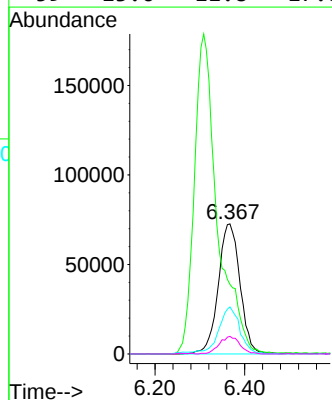
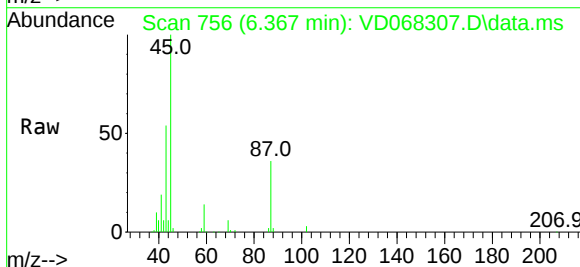
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

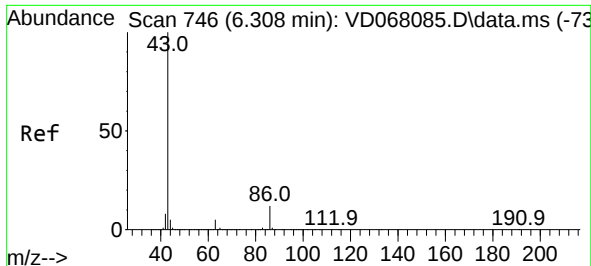
Tgt Ion: 96 Resp: 104805  
Ion Ratio Lower Upper  
96 100  
61 115.4 96.7 145.1  
98 63.3 47.6 71.4



#22  
Diisopropyl ether  
Concen: 19.75 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 45 Resp: 245193  
Ion Ratio Lower Upper  
45 100  
43 52.6 43.9 65.9  
87 36.2 29.9 44.9  
59 13.6 11.8 17.8

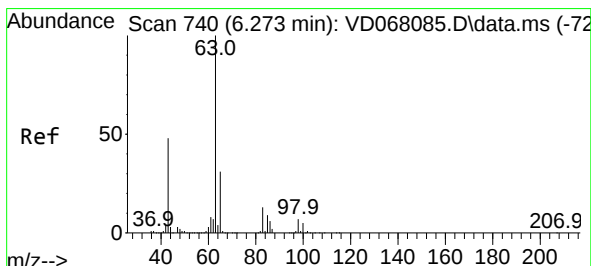
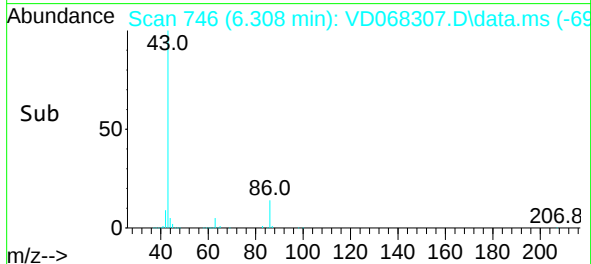
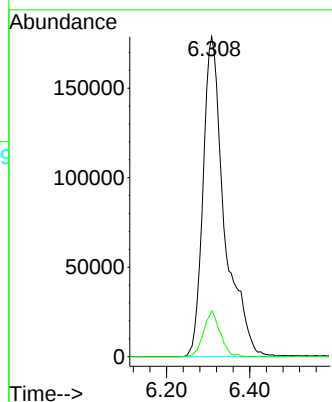
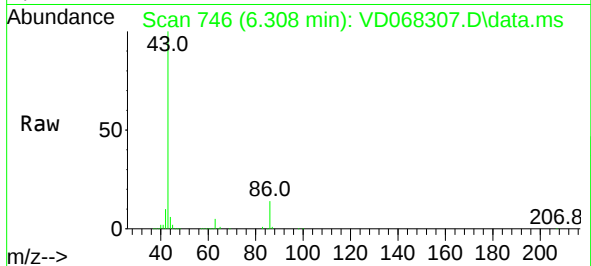




#23  
 Vinyl Acetate  
 Concen: 96.75 ug/l  
 RT: 6.308 min Scan# 746  
 Delta R.T. 0.000 min  
 Lab File: VD068307.D  
 Acq: 05 Feb 2021 18:35

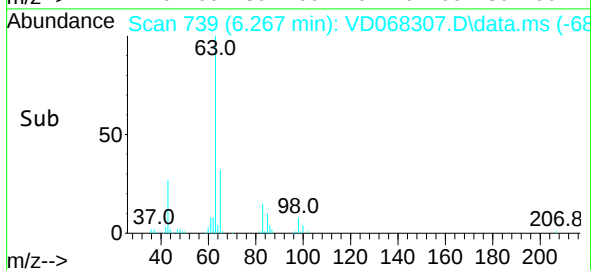
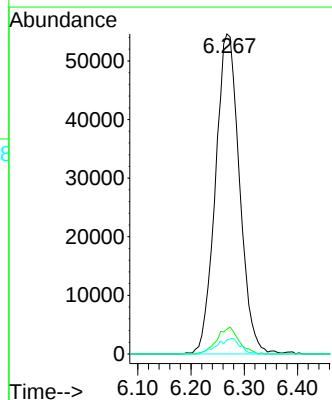
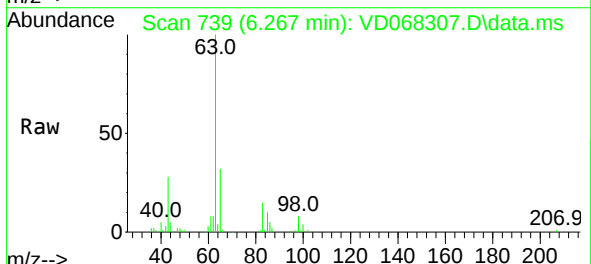
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0205SBS01

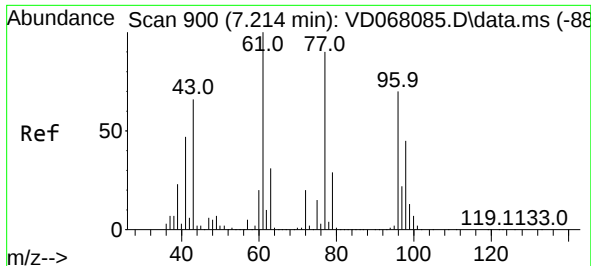
Tgt Ion: 43 Resp: 640145  
 Ion Ratio Lower Upper  
 43 100  
 86 14.3 10.8 16.2



#24  
 1,1-Dichloroethane  
 Concen: 21.28 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. -0.006 min  
 Lab File: VD068307.D  
 Acq: 05 Feb 2021 18:35

Tgt Ion: 63 Resp: 171119  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.8 11.4  
 100 4.4 2.6 8.0

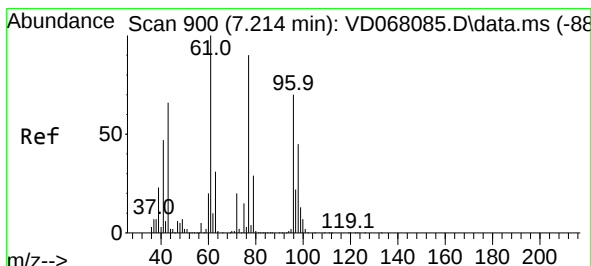
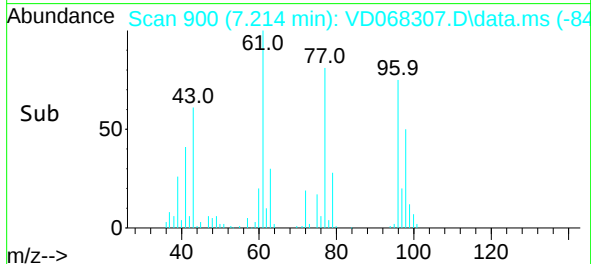
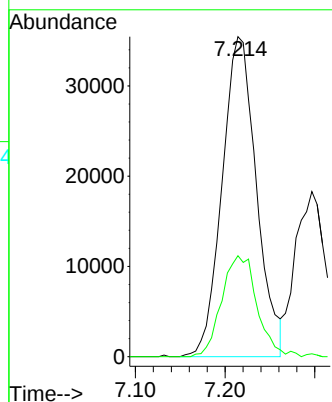
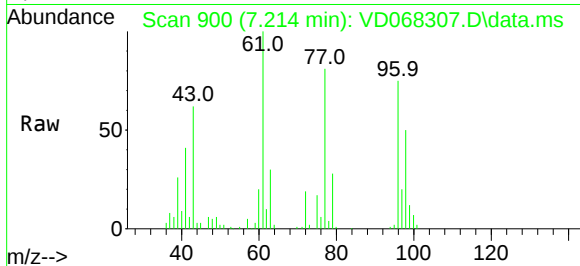




#25  
2-Butanone  
Concen: 94.98 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

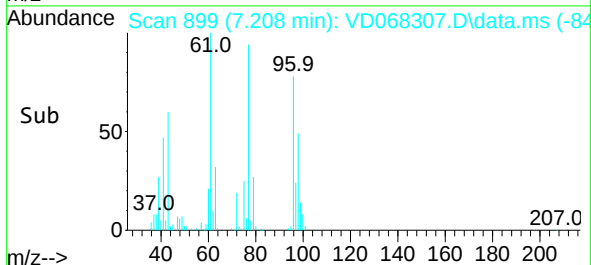
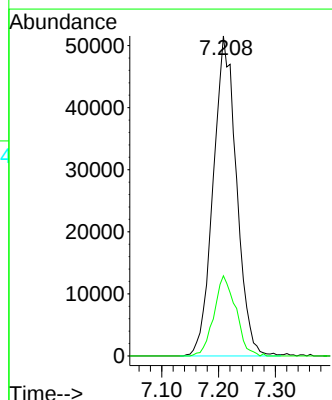
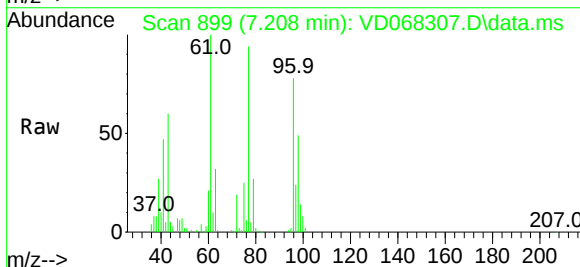
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

Tgt Ion: 43 Resp: 94293  
Ion Ratio Lower Upper  
43 100  
72 31.6 25.1 37.7



#26  
2,2-Dichloropropane  
Concen: 19.29 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 77 Resp: 146759  
Ion Ratio Lower Upper  
77 100  
97 23.6 11.7 35.1

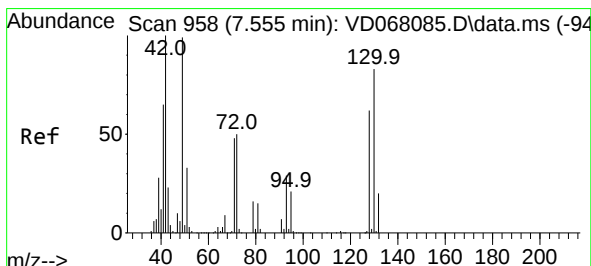
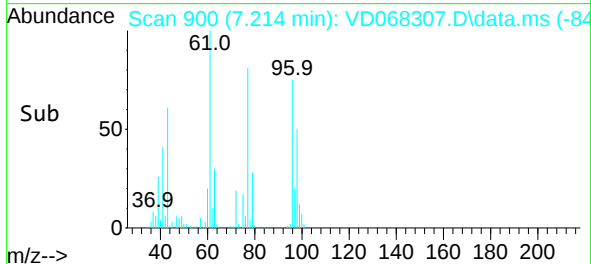
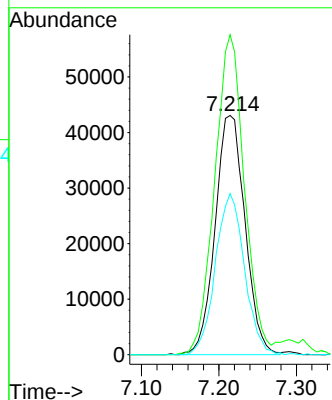
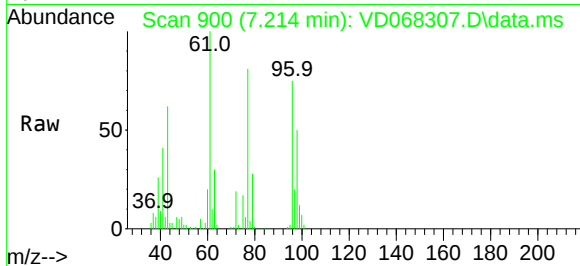




#27  
cis-1,2-Dichloroethene  
Concen: 21.93 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

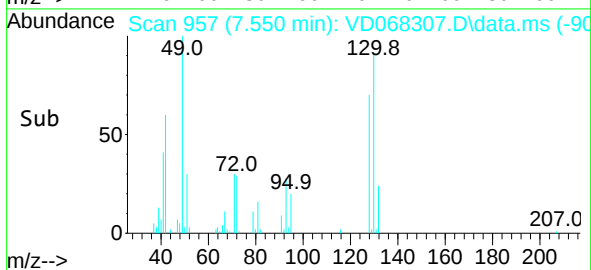
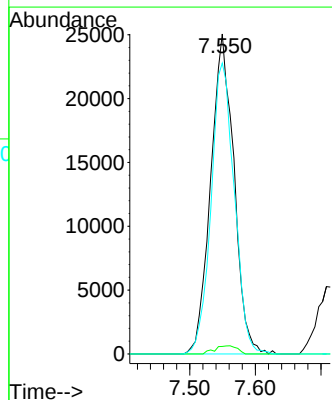
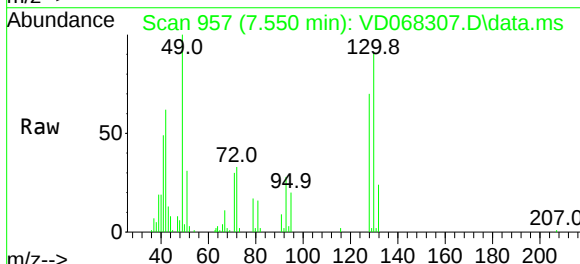
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

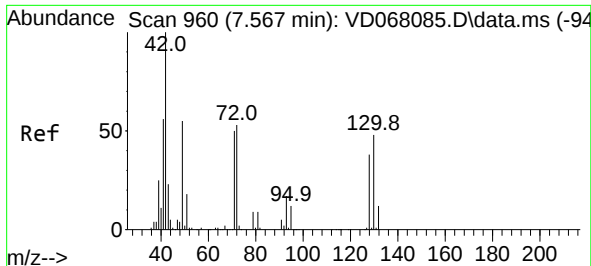
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 115603 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 132.6 | 0.0   | 257.4  |
| 98       | 65.6  | 0.0   | 126.6  |



#28  
Bromochloromethane  
Concen: 22.47 ug/l  
RT: 7.550 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 61575 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.5   | 0.0   | 4.8   |
| 130      | 91.0  | 85.5  | 128.3 |





#29

Tetrahydrofuran

Concen: 92.30 ug/l

RT: 7.567 min Scan# 960

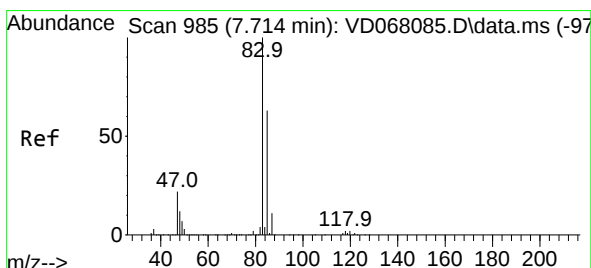
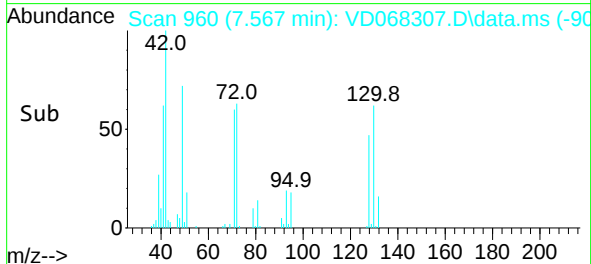
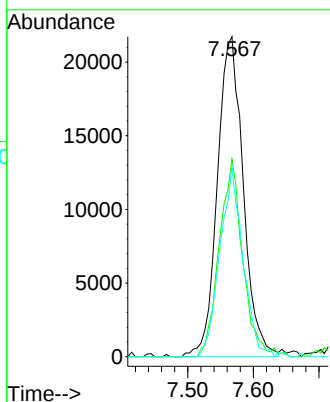
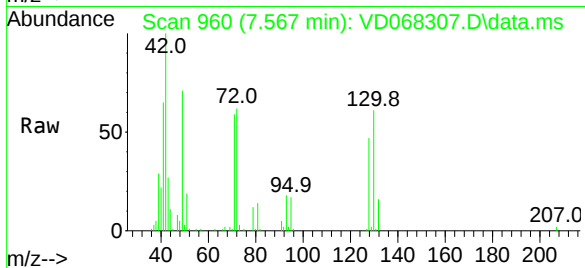
Delta R.T. 0.000 min

Lab File: VD068307.D

Acq: 05 Feb 2021 18:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 59398 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 56.3  | 43.4  | 65.0  |
| 71       | 52.8  | 40.8  | 61.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01



#30

Chloroform

Concen: 22.15 ug/l

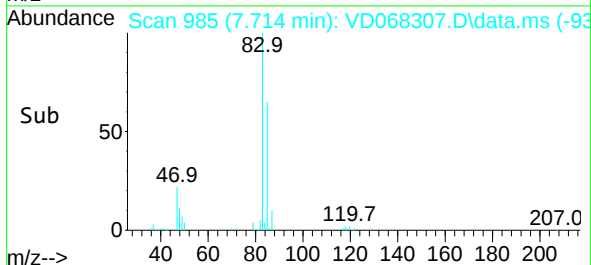
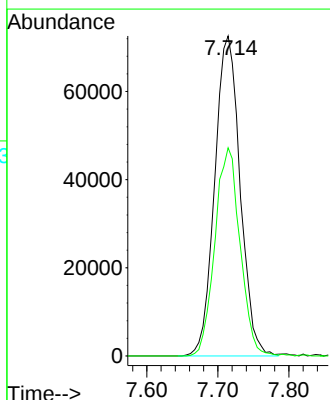
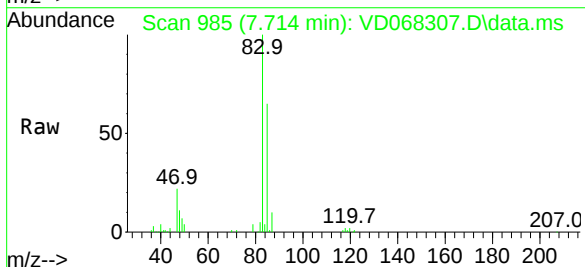
RT: 7.714 min Scan# 985

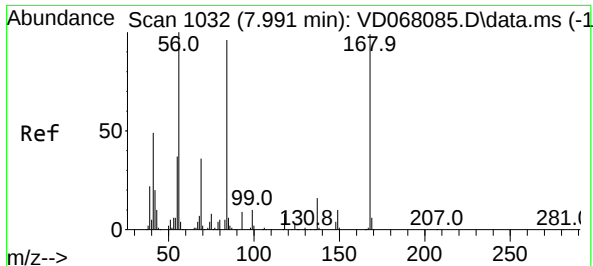
Delta R.T. 0.000 min

Lab File: VD068307.D

Acq: 05 Feb 2021 18:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 180034 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.1  | 53.4  | 80.0   |

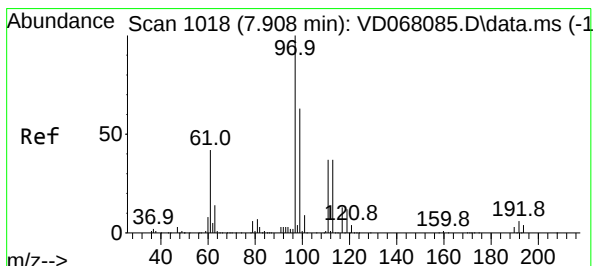
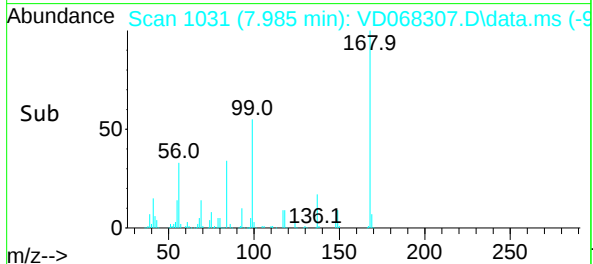
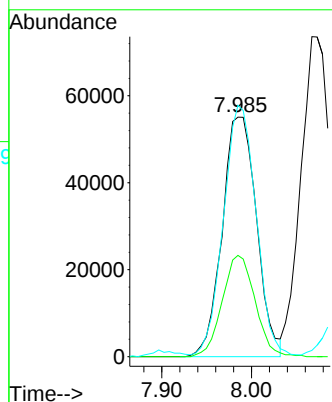
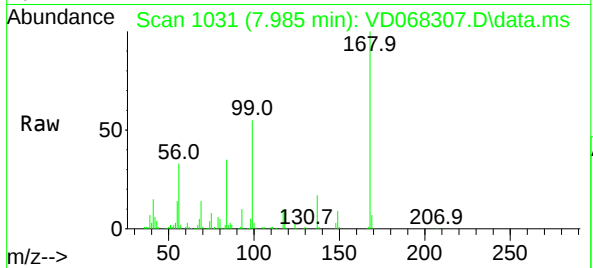




#31  
Cyclohexane  
Concen: 18.36 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

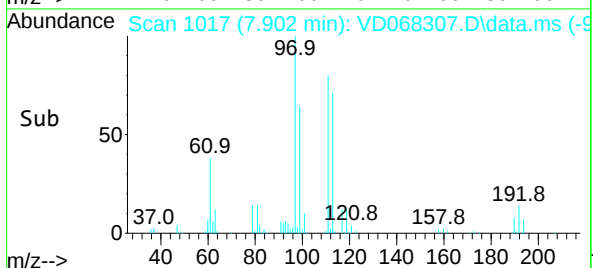
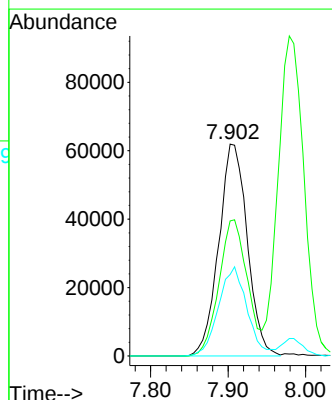
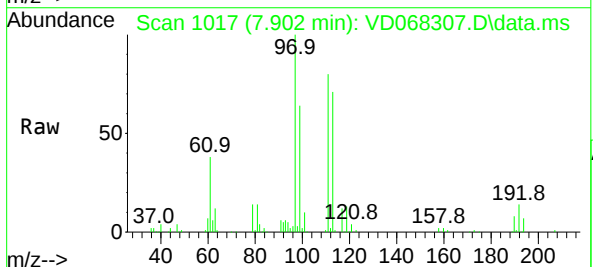
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

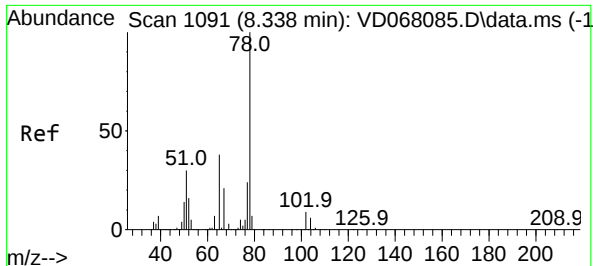
Tgt Ion: 56 Resp: 146831  
Ion Ratio Lower Upper  
56 100  
69 42.3 30.1 45.1  
84 103.5 82.1 123.1



#32  
1,1,1-Trichloroethane  
Concen: 21.64 ug/l  
RT: 7.902 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 97 Resp: 158515  
Ion Ratio Lower Upper  
97 100  
99 64.3 52.1 78.1  
61 42.4 30.1 45.1

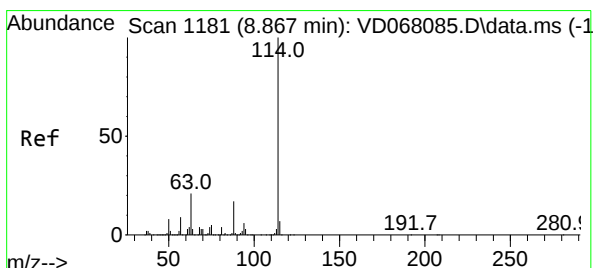
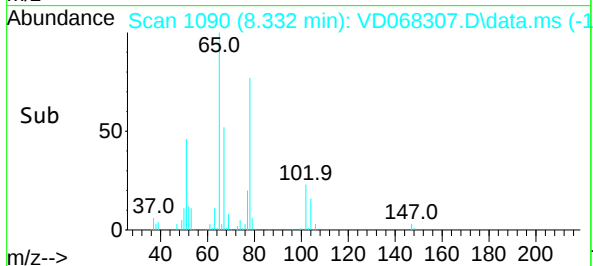
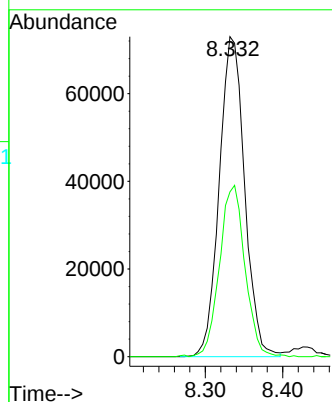
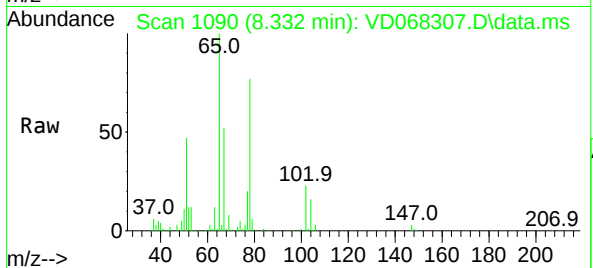




#33  
1,2-Dichloroethane-d4  
Concen: 45.02 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

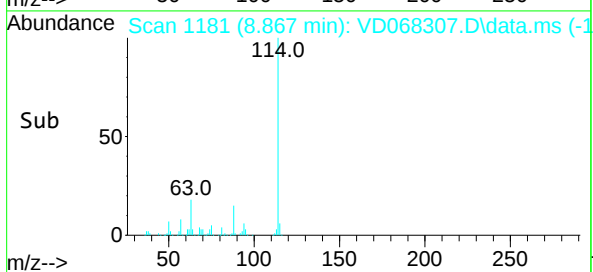
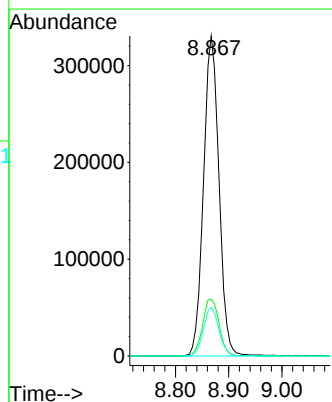
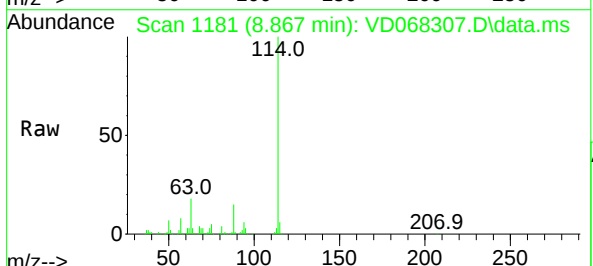
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

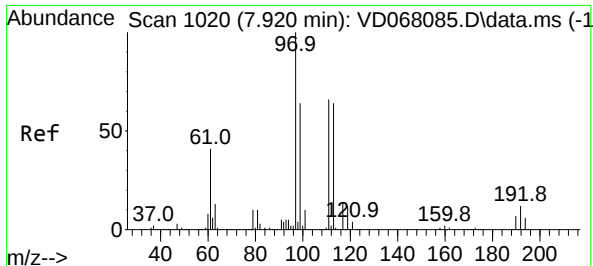
Tgt Ion: 65 Resp: 166243  
Ion Ratio Lower Upper  
65 100  
67 53.7 0.0 105.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 114 Resp: 665636  
Ion Ratio Lower Upper  
114 100  
63 17.7 0.0 34.8  
88 15.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.80 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068307.D

Acq: 05 Feb 2021 18:35

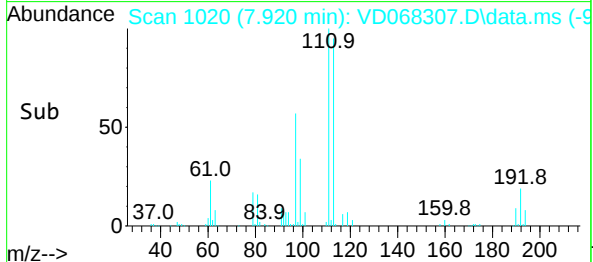
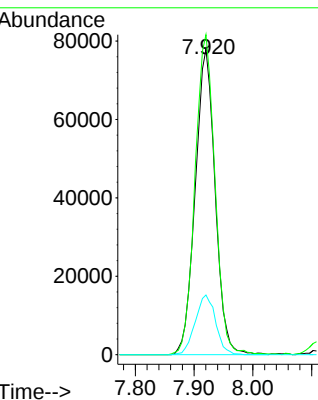
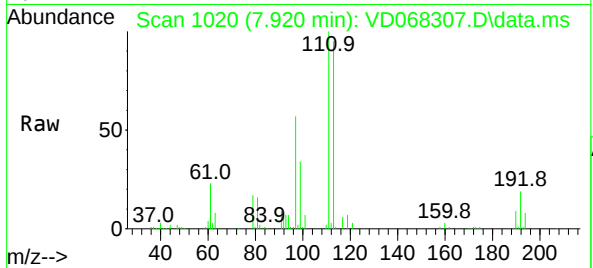
Tgt Ion:113 Resp: 183256

Ion Ratio Lower Upper

113 100

111 105.0 81.4 122.0

192 20.1 16.1 24.1



#36

1,1-Dichloropropene

Concen: 20.25 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VD068307.D

Acq: 05 Feb 2021 18:35

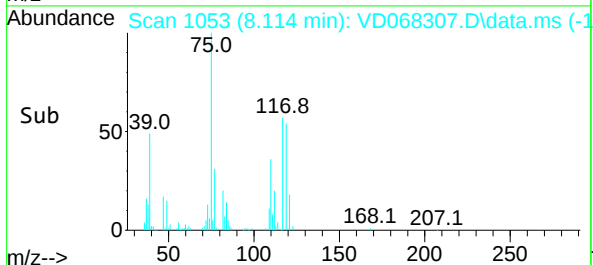
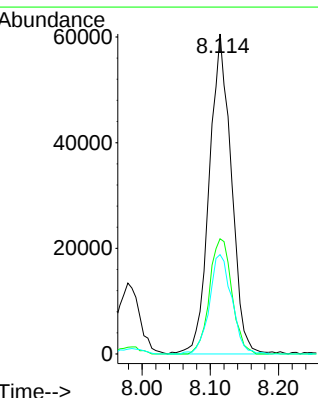
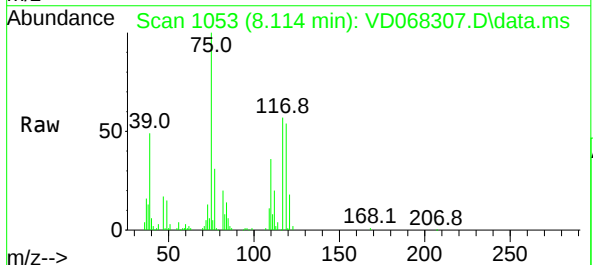
Tgt Ion: 75 Resp: 135928

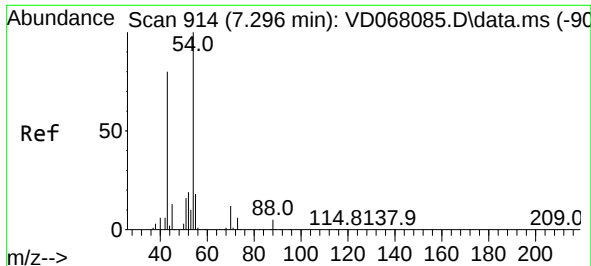
Ion Ratio Lower Upper

75 100

110 36.6 19.4 58.2

77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 19.75 ug/l

RT: 7.297 min Scan# 914

Delta R.T. 0.000 min

Lab File: VD068307.D

Acq: 05 Feb 2021 18:35

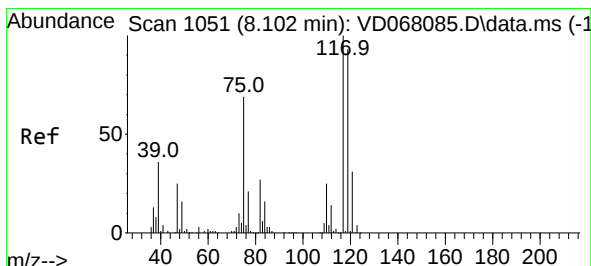
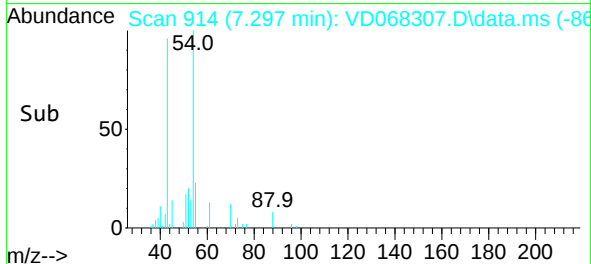
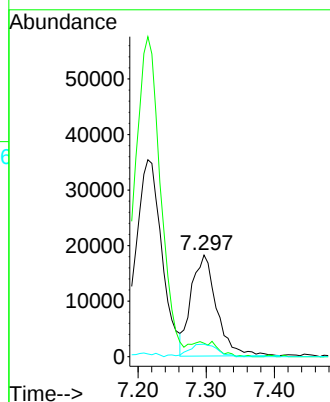
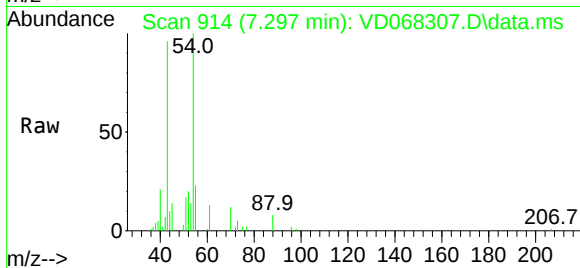
Instrument :

MSVOA\_D

ClientSampleId :

VD0205SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 46883 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.0  | 12.9  | 19.3  |
| 70       | 14.0  | 11.0  | 16.6  |



#38

Carbon Tetrachloride

Concen: 21.07 ug/l

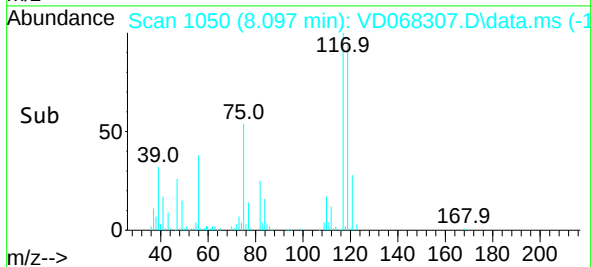
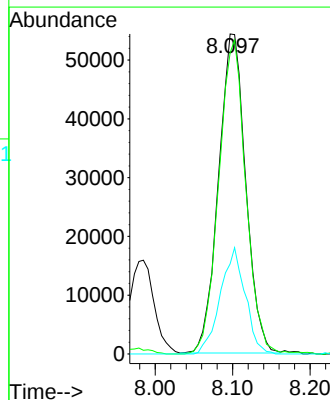
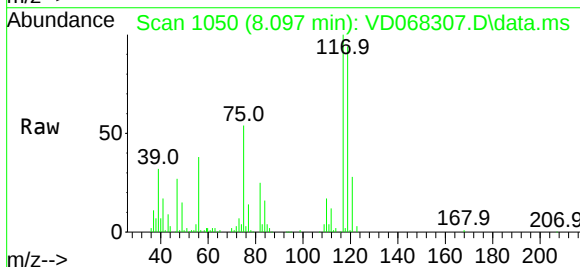
RT: 8.097 min Scan# 1050

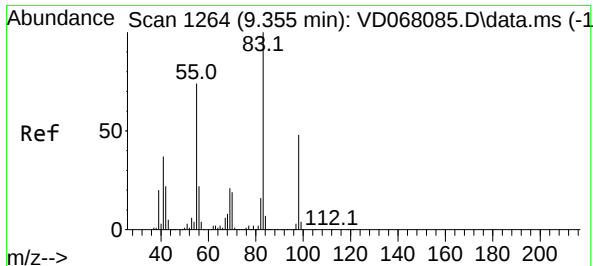
Delta R.T. -0.006 min

Lab File: VD068307.D

Acq: 05 Feb 2021 18:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 132409 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.4  | 77.3  | 115.9  |
| 121      | 28.2  | 24.7  | 37.1   |





#39

Methylcyclohexane

Concen: 19.60 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

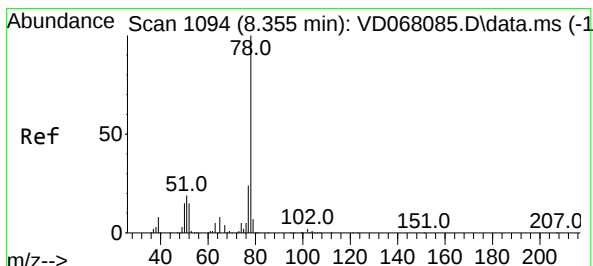
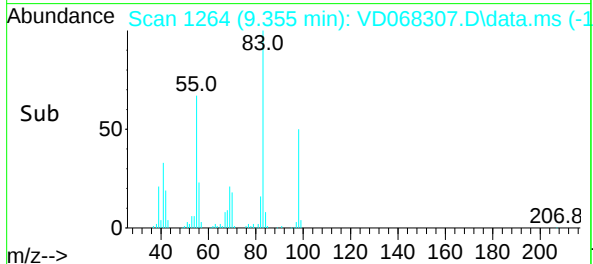
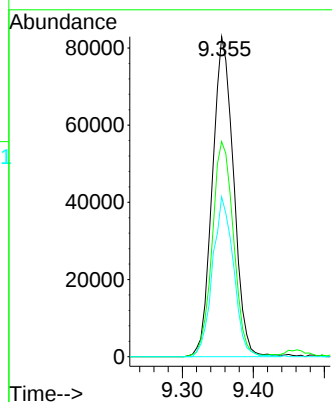
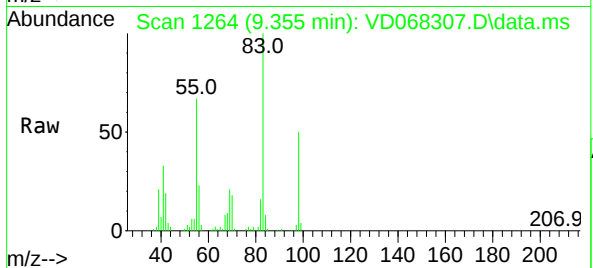
Lab File: VD068307.D

Acq: 05 Feb 2021 18:35

Tgt Ion: 83 Resp: 171971

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 67.2  | 55.2  | 82.8  |
| 98  | 49.9  | 39.1  | 58.7  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01



#40

Benzene

Concen: 21.24 ug/l

RT: 8.355 min Scan# 1094

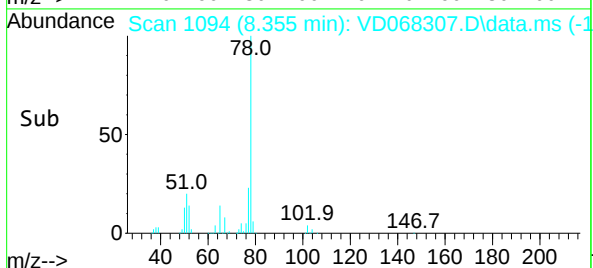
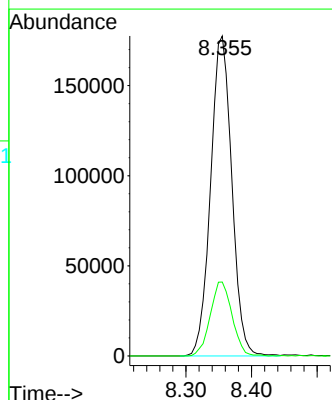
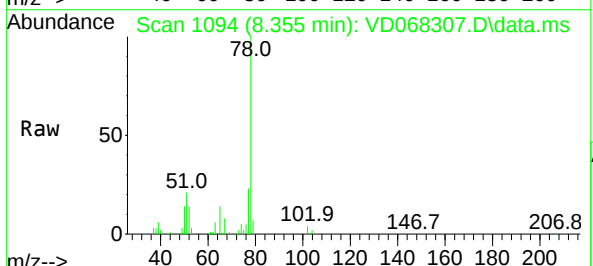
Delta R.T. 0.000 min

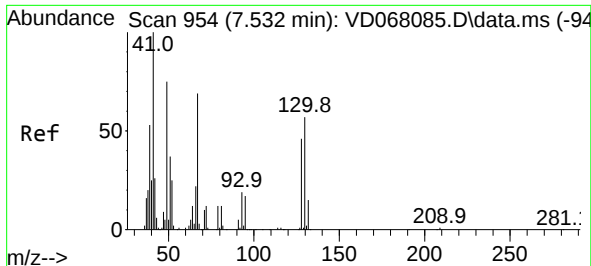
Lab File: VD068307.D

Acq: 05 Feb 2021 18:35

Tgt Ion: 78 Resp: 398557

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.1  | 17.8  | 26.6  |

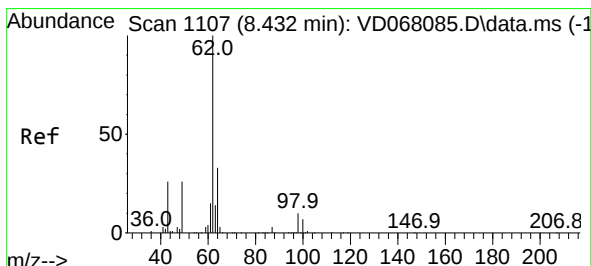
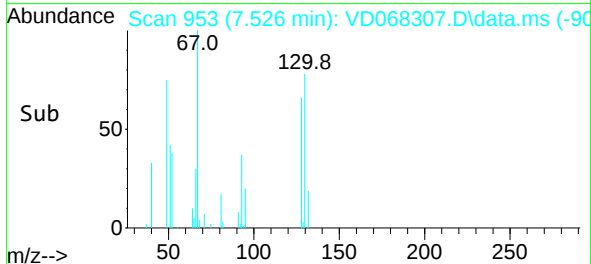
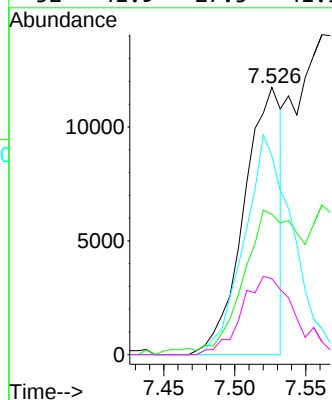
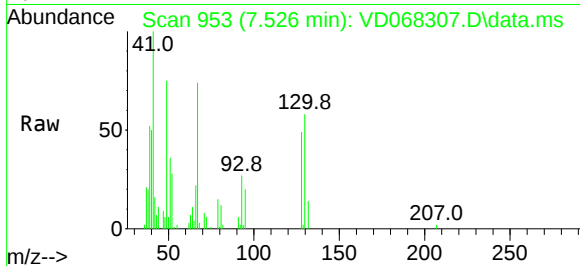




#41  
Methacrylonitrile  
Concen: 15.05 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

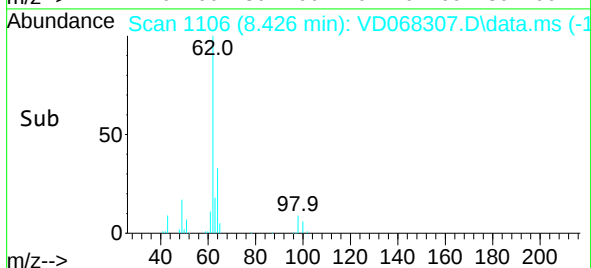
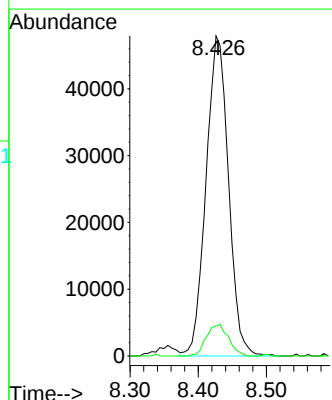
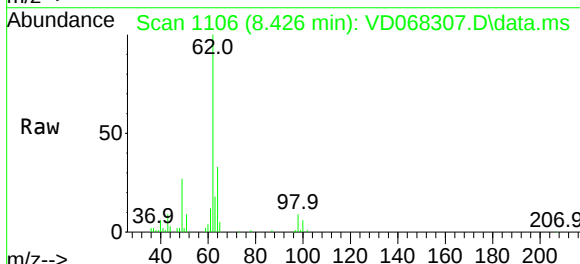
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

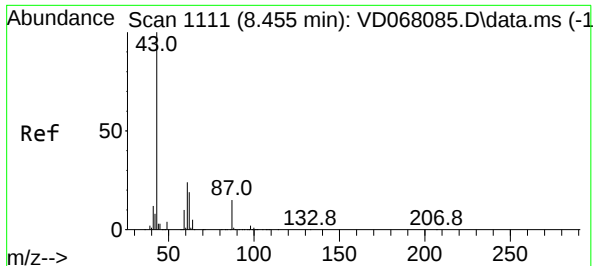
Tgt Ion: 41 Resp: 21573  
Ion Ratio Lower Upper  
41 100  
39 82.1 45.2 67.8#  
67 107.0 67.4 101.2#  
52 41.9 27.5 41.3#



#42  
1,2-Dichloroethane  
Concen: 21.91 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 62 Resp: 109897  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 21.8





#43

Isopropyl Acetate

Concen: 18.08 ug/l

RT: 8.455 min Scan# 1111

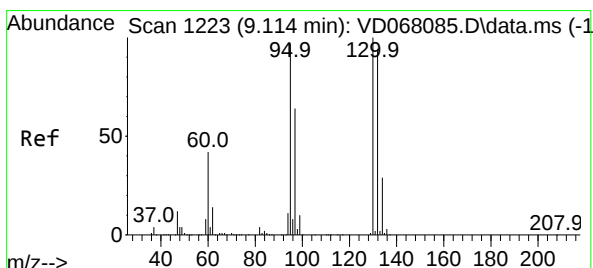
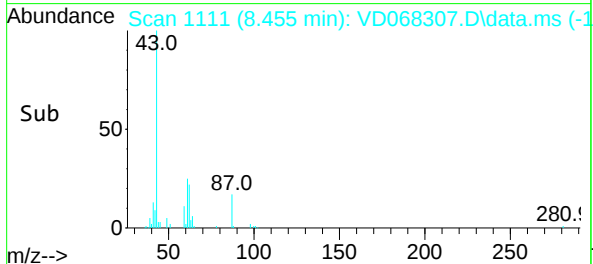
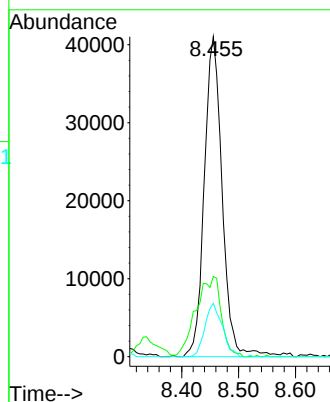
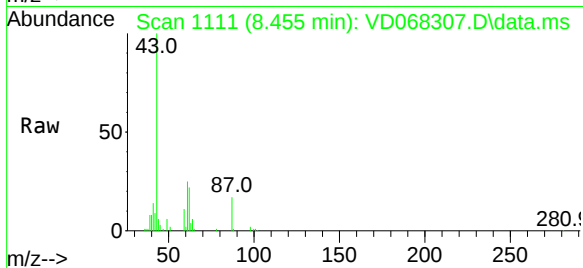
Delta R.T. 0.000 min

Lab File: VD068307.D

Acq: 05 Feb 2021 18:35

Tgt Ion: 43 Resp: 89471

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 35.3  | 28.7  | 43.1  |
| 87  | 16.2  | 13.9  | 20.9  |



#44

Trichloroethene

Concen: 21.82 ug/l

RT: 9.114 min Scan# 1223

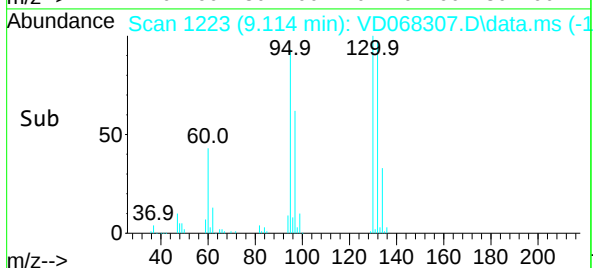
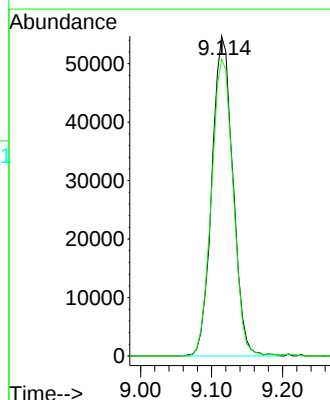
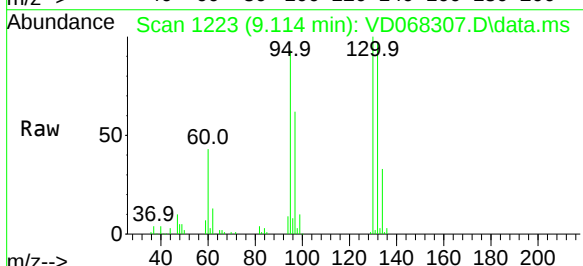
Delta R.T. 0.000 min

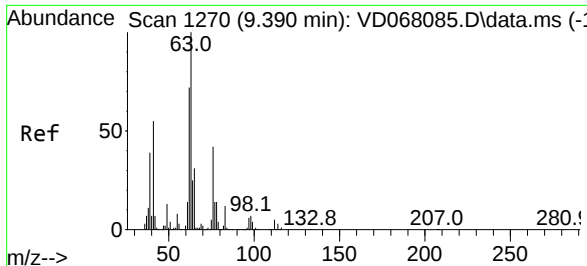
Lab File: VD068307.D

Acq: 05 Feb 2021 18:35

Tgt Ion:130 Resp: 112475

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 92.7  | 0.0   | 191.2 |

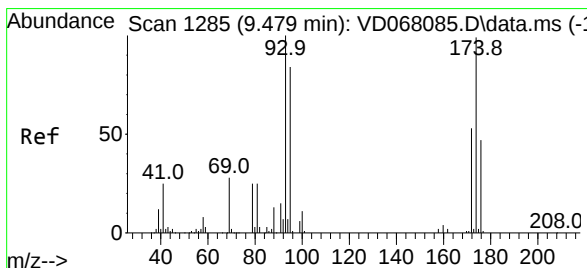
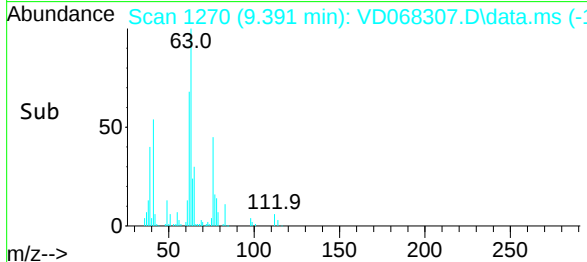
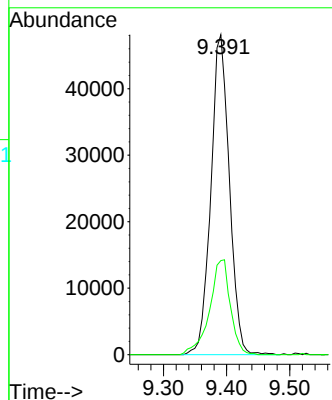
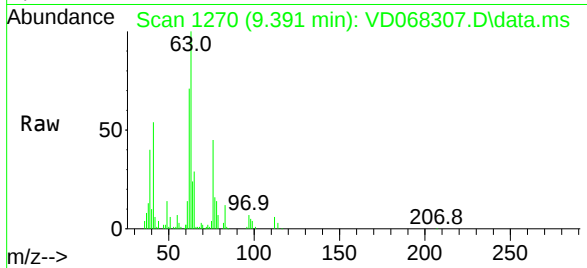




#45  
1,2-Dichloropropane  
Concen: 21.28 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

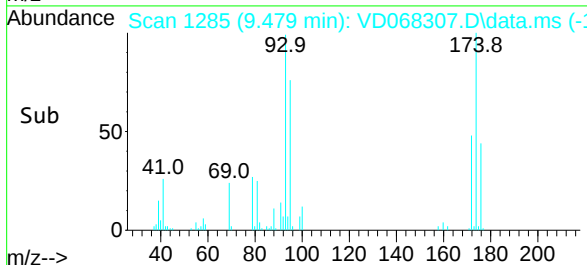
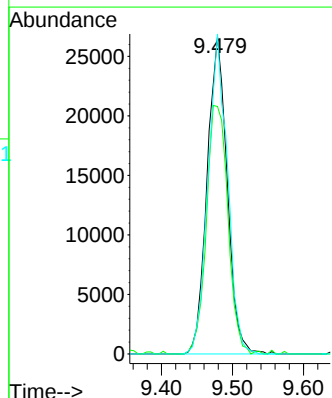
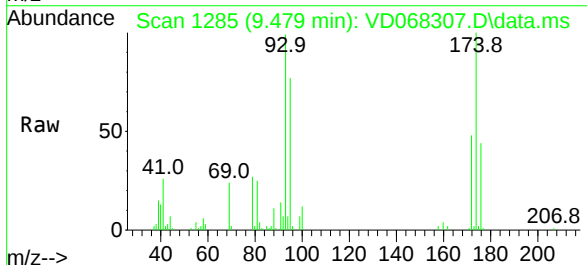
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

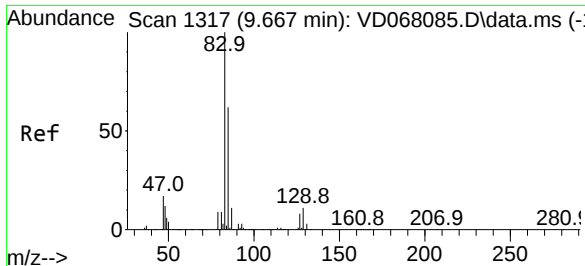
Tgt Ion: 63 Resp: 97822  
Ion Ratio Lower Upper  
63 100  
65 29.4 26.6 40.0



#46  
Dibromomethane  
Concen: 22.45 ug/l  
RT: 9.479 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 93 Resp: 52278  
Ion Ratio Lower Upper  
93 100  
95 84.1 67.3 100.9  
174 97.6 84.6 127.0



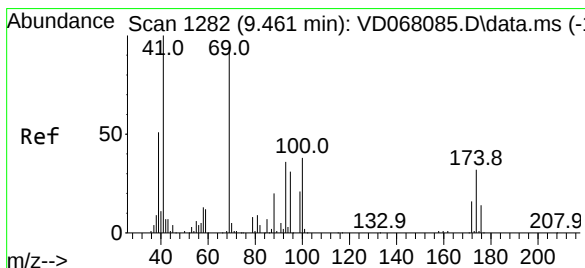
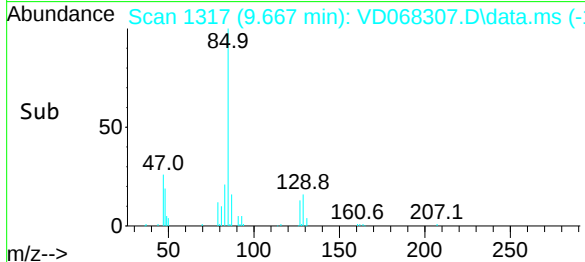
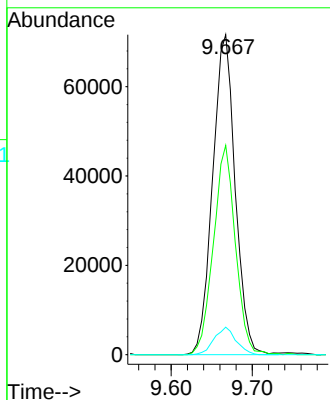
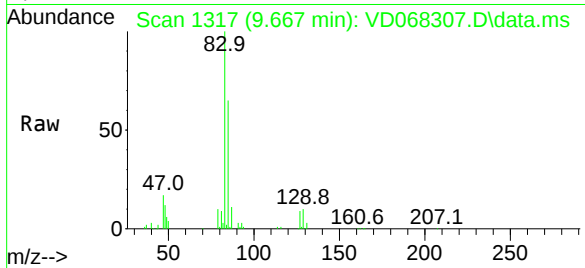


#47  
Bromodichloromethane  
Concen: 22.02 ug/l  
RT: 9.667 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

Tgt Ion: 83 Resp: 138381

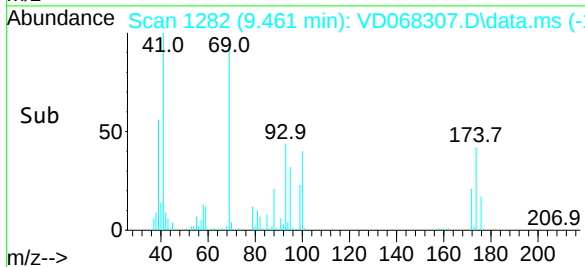
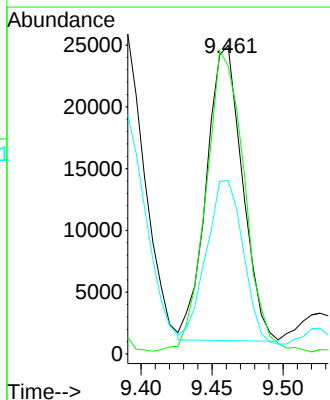
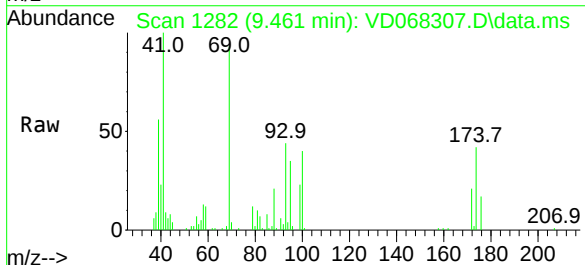
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.4  | 51.6  | 77.4  |
| 127 | 8.6   | 7.4   | 11.0  |

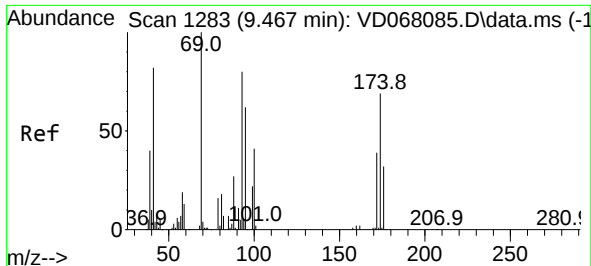


#48  
Methyl methacrylate  
Concen: 17.01 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 41 Resp: 41905

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 110.6 | 77.1  | 115.7 |
| 39  | 57.6  | 41.5  | 62.3  |





#49

1,4-Dioxane

Concen: 418.71 ug/l

RT: 9.467 min Scan# 1283

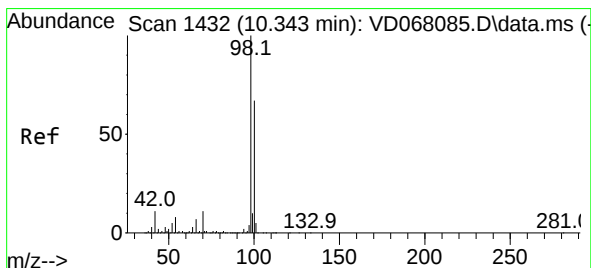
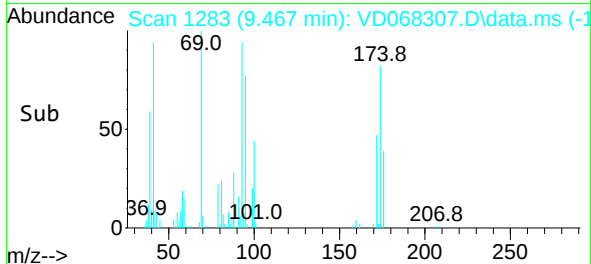
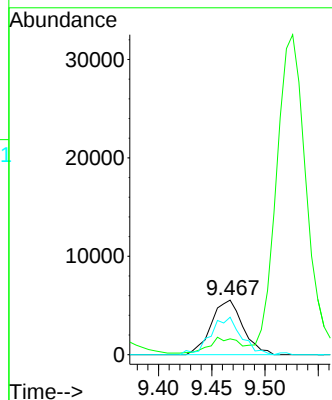
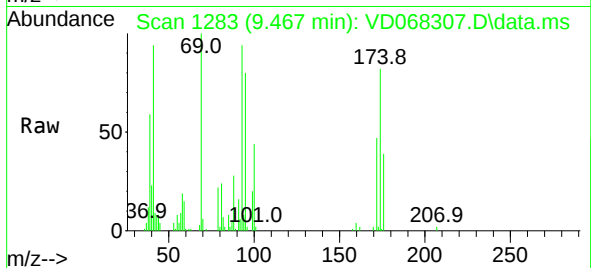
Delta R.T. 0.000 min

Lab File: VD068307.D

Acq: 05 Feb 2021 18:35

Tgt Ion: 88 Resp: 11427

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 27.0  | 22.1  | 33.1  |
| 58  | 66.5  | 46.7  | 70.1  |



#50

Toluene-d8

Concen: 43.48 ug/l

RT: 10.344 min Scan# 1432

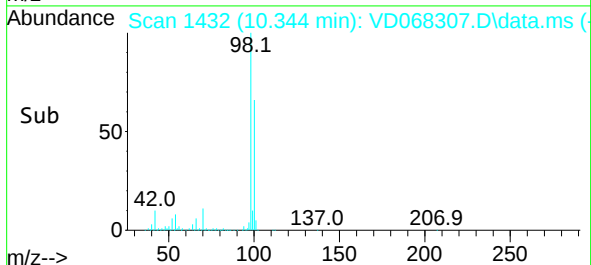
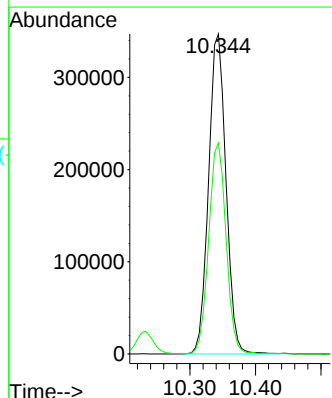
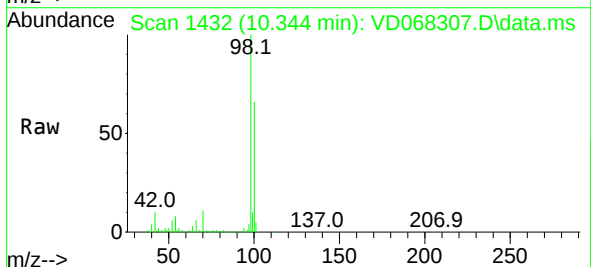
Delta R.T. 0.000 min

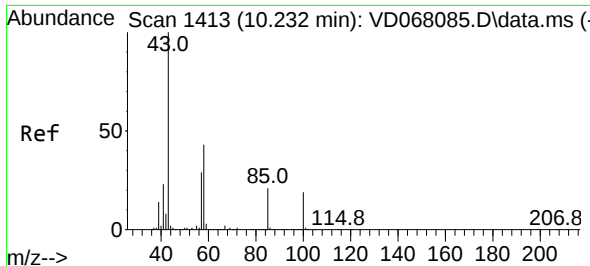
Lab File: VD068307.D

Acq: 05 Feb 2021 18:35

Tgt Ion: 98 Resp: 640069

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 65.5  | 53.0  | 79.4  |

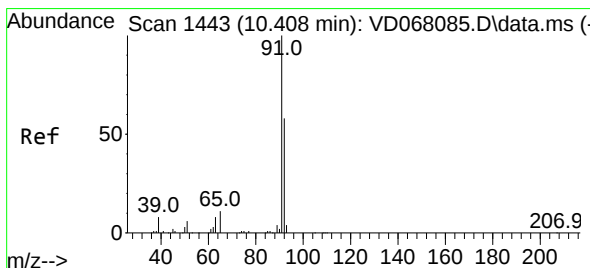
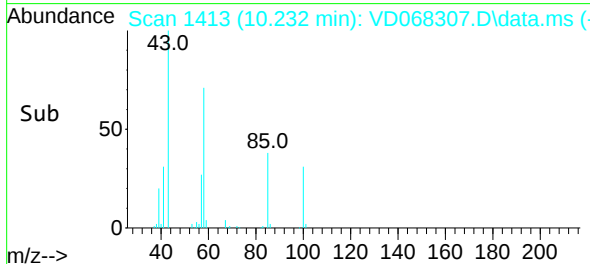
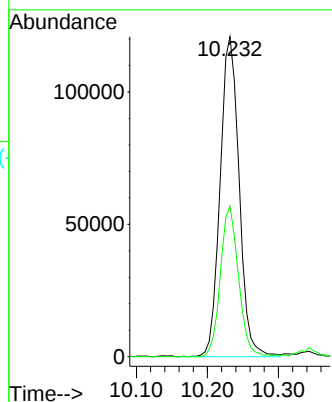
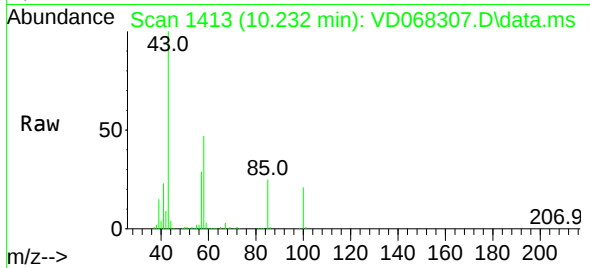




#51  
4-Methyl-2-Pentanone  
Concen: 97.49 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

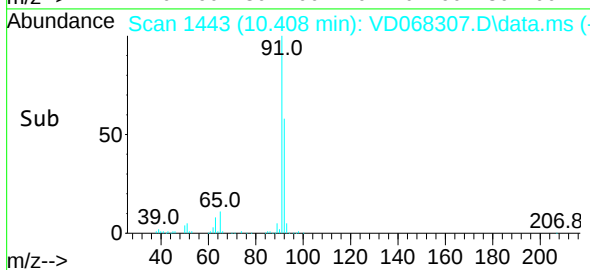
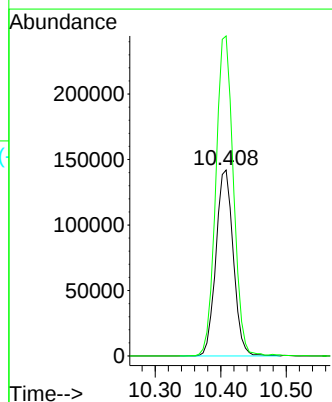
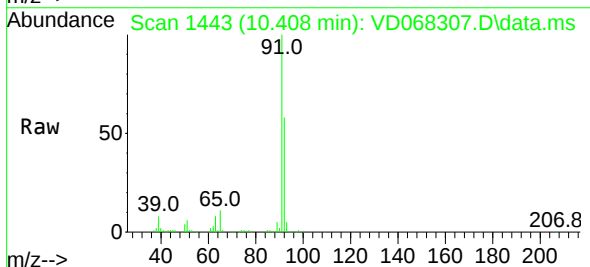
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

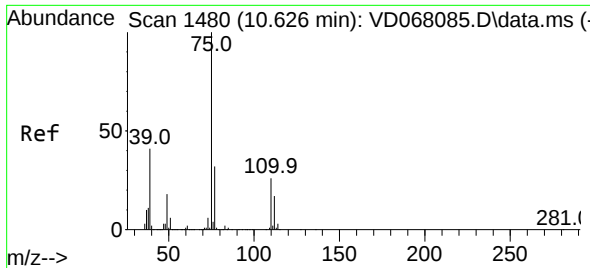
Tgt Ion: 43 Resp: 224239  
Ion Ratio Lower Upper  
43 100  
58 44.9 36.1 54.1



#52  
Toluene  
Concen: 21.27 ug/l  
RT: 10.408 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 92 Resp: 260041  
Ion Ratio Lower Upper  
92 100  
91 174.6 134.1 201.1

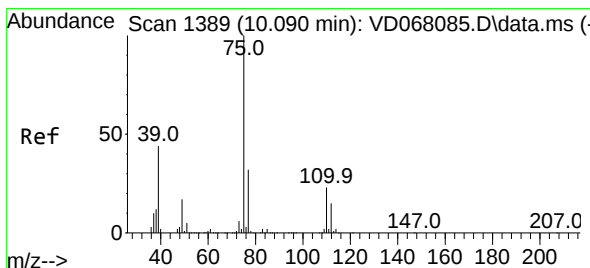
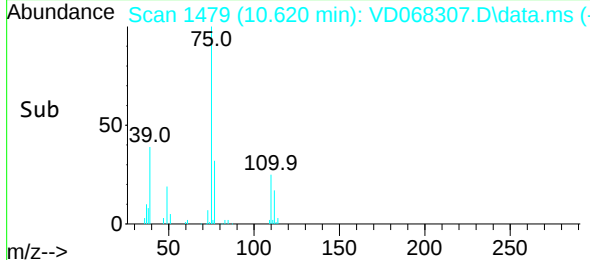
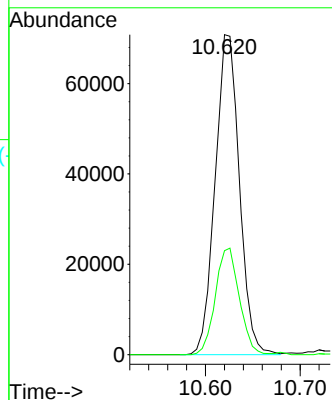
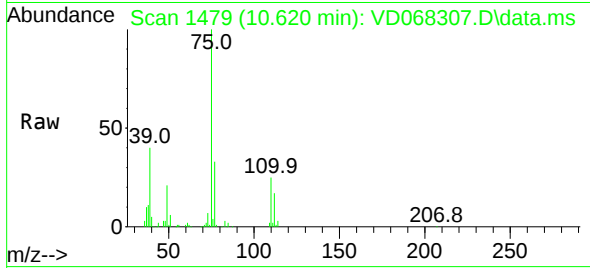




#53  
 t-1,3-Dichloropropene  
 Concen: 19.82 ug/l  
 RT: 10.620 min Scan# 1479  
 Delta R.T. -0.006 min  
 Lab File: VD068307.D  
 Acq: 05 Feb 2021 18:35

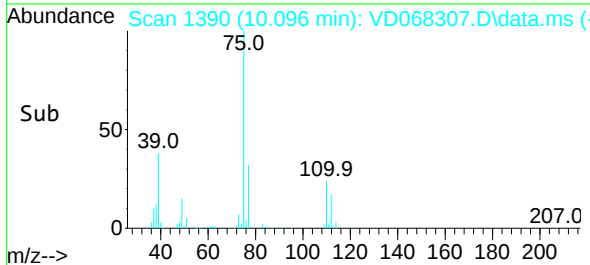
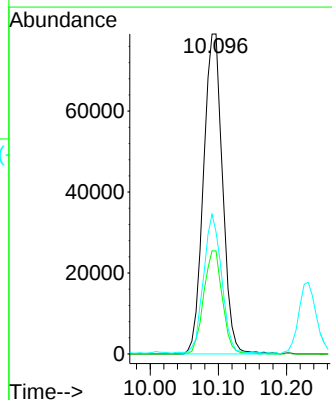
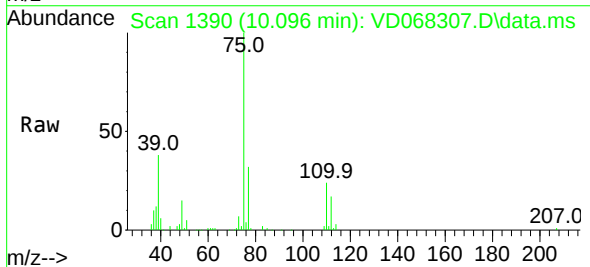
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0205SBS01

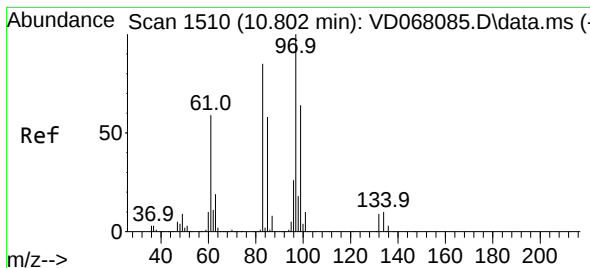
Tgt Ion: 75 Resp: 126083  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.0 37.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.35 ug/l  
 RT: 10.096 min Scan# 1390  
 Delta R.T. 0.006 min  
 Lab File: VD068307.D  
 Acq: 05 Feb 2021 18:35

Tgt Ion: 75 Resp: 154109  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 24.6 37.0  
 39 38.1 31.4 47.0

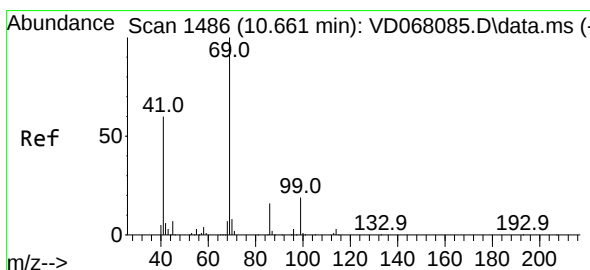
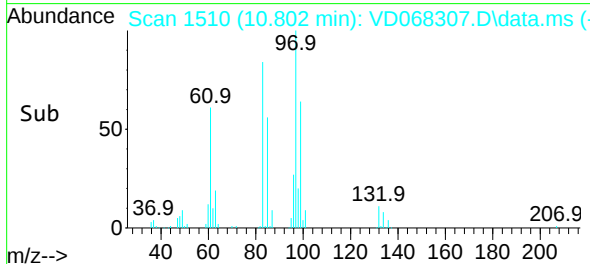
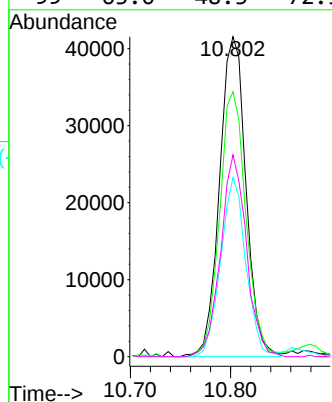
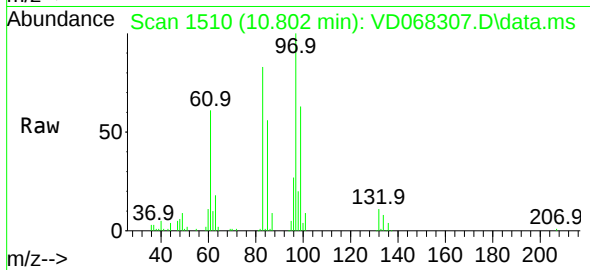




#55  
1,1,2-Trichloroethane  
Concen: 22.95 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

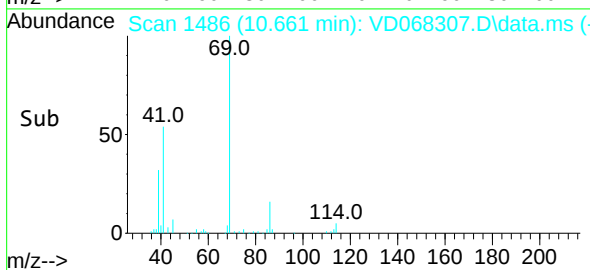
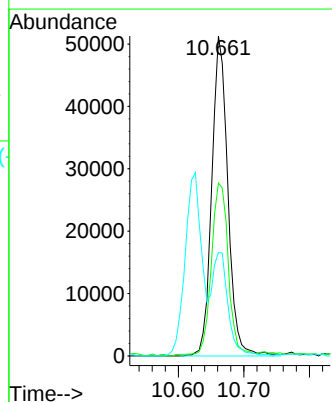
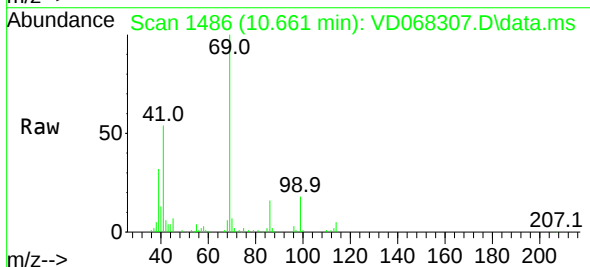
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

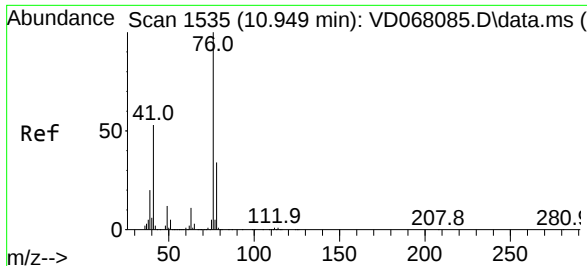
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 75739 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.8  | 61.8  | 92.6  |
| 85       | 55.9  | 42.2  | 63.2  |
| 99       | 63.0  | 48.3  | 72.5  |



#56  
Ethyl methacrylate  
Concen: 19.91 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 87514 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 57.4  | 44.9  | 67.3  |
| 39       | 32.8  | 21.9  | 32.9  |

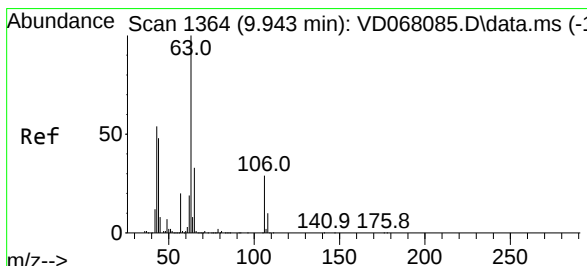
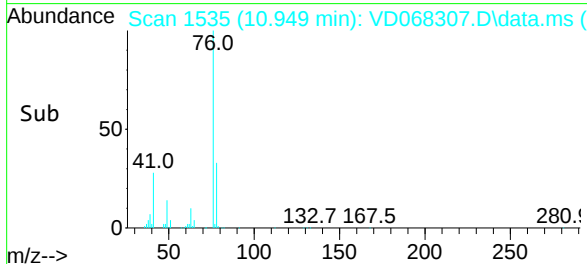
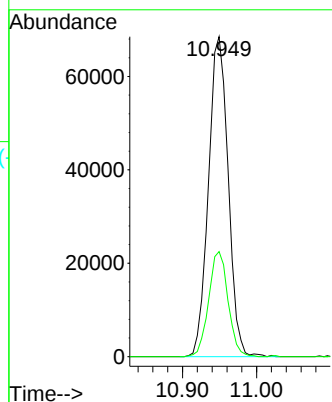
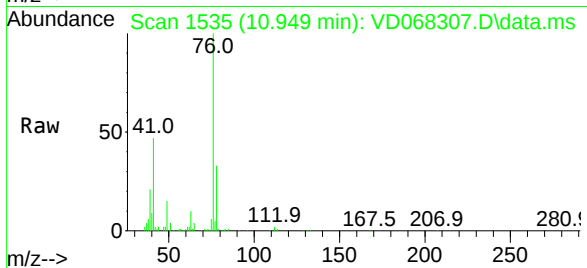




#57  
1,3-Dichloropropane  
Concen: 21.75 ug/l  
RT: 10.949 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

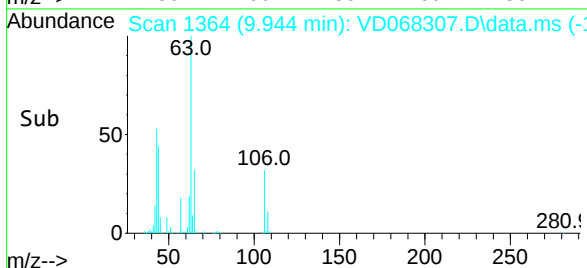
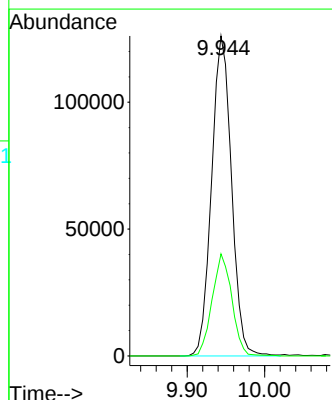
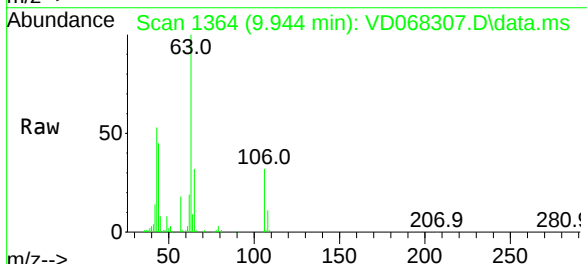
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

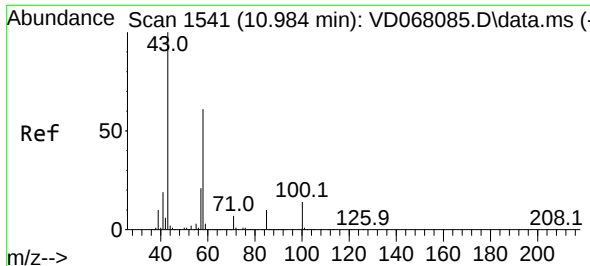
Tgt Ion: 76 Resp: 126646  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 111.09 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 63 Resp: 225376  
Ion Ratio Lower Upper  
63 100  
106 31.5 27.0 40.4

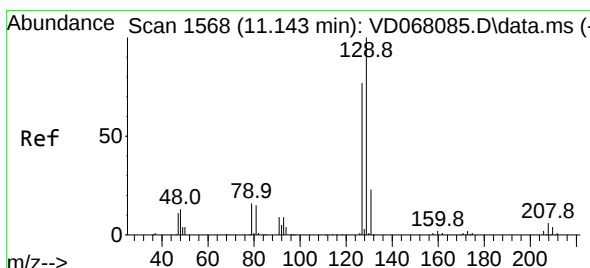
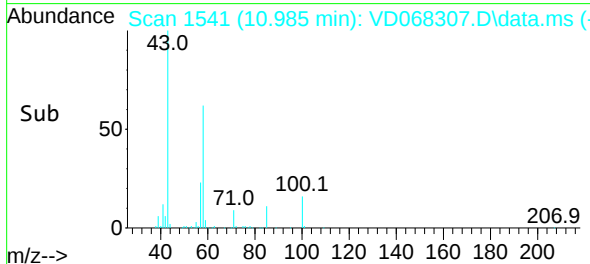
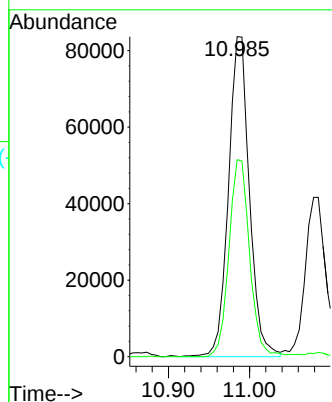
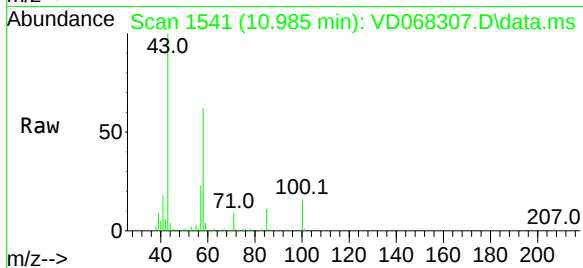




#59  
2-Hexanone  
Concen: 93.89 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

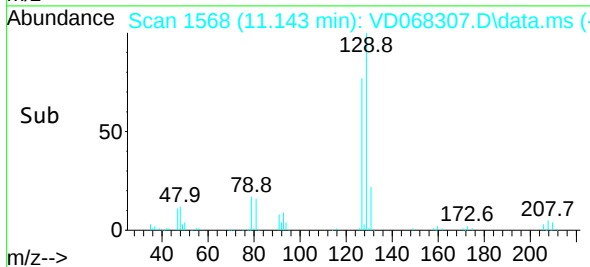
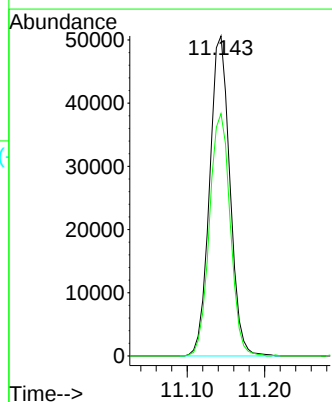
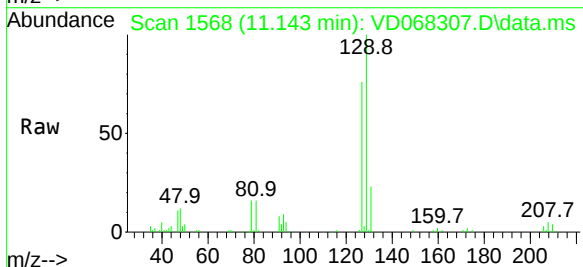
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

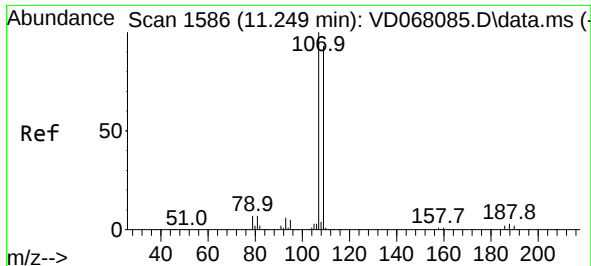
Tgt Ion: 43 Resp: 149706  
Ion Ratio Lower Upper  
43 100  
58 60.9 31.0 93.0



#60  
Dibromochloromethane  
Concen: 22.20 ug/l  
RT: 11.143 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 129 Resp: 91854  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.6 116.0

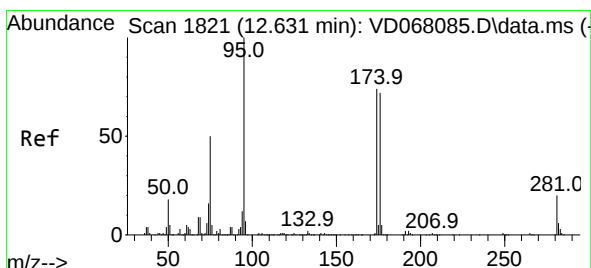
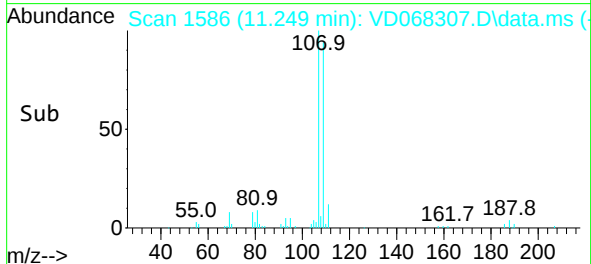
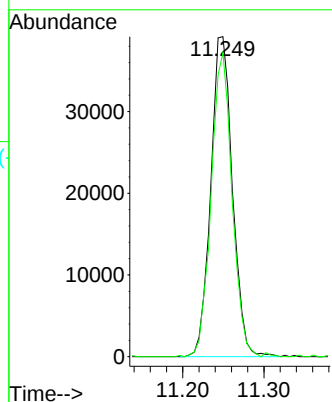
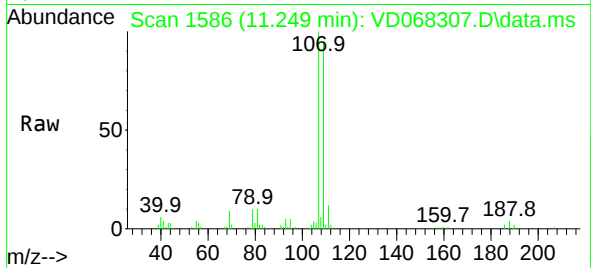




#61  
1,2-Dibromoethane  
Concen: 22.33 ug/l  
RT: 11.249 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

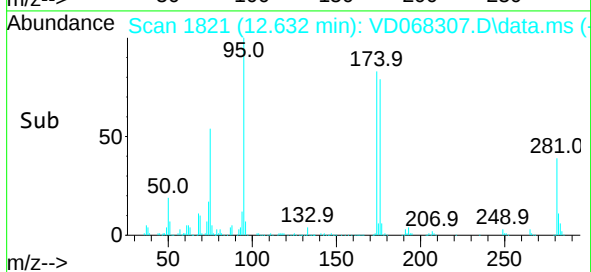
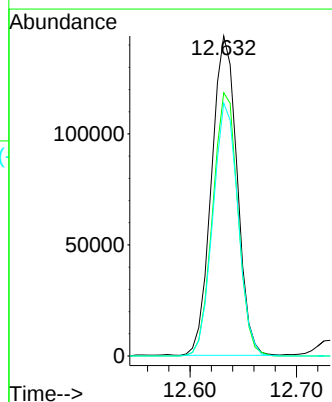
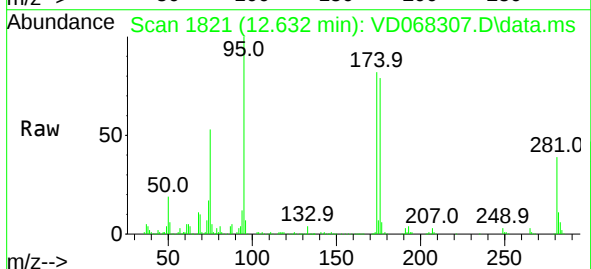
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

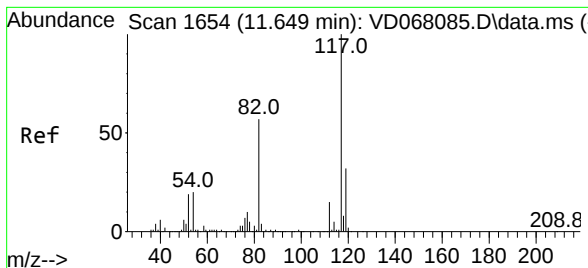
Tgt Ion:107 Resp: 72718  
Ion Ratio Lower Upper  
107 100  
109 91.5 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 45.17 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 95 Resp: 239436  
Ion Ratio Lower Upper  
95 100  
174 81.1 0.0 172.4  
176 77.9 0.0 168.4

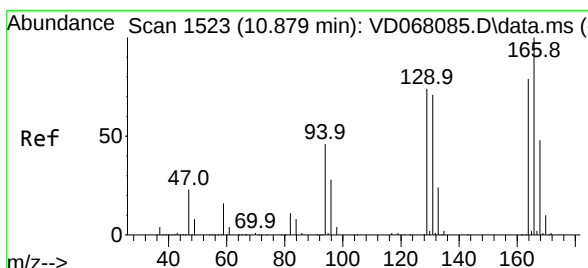
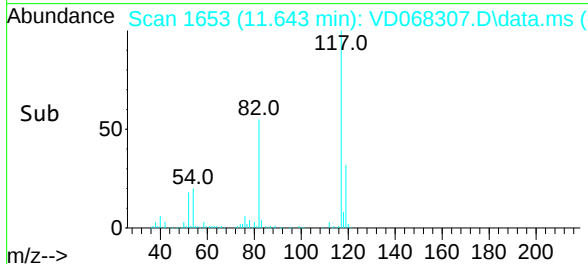
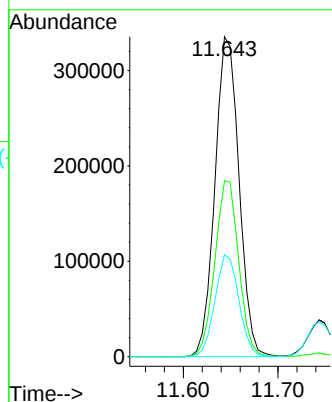
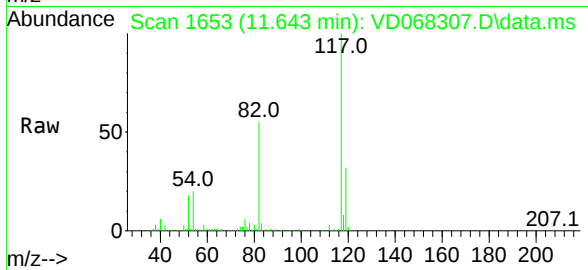




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.643 min Scan# 1653  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

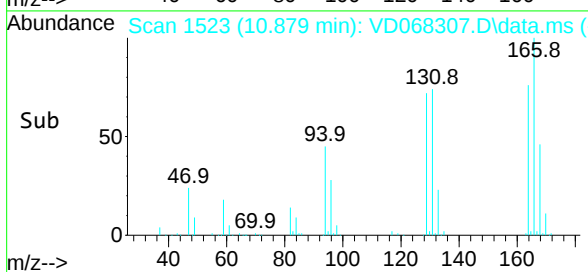
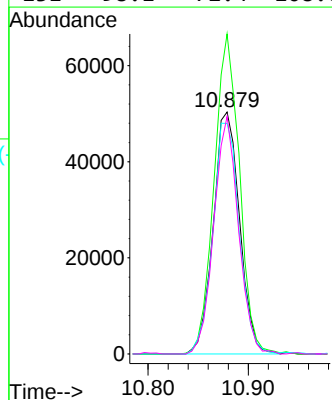
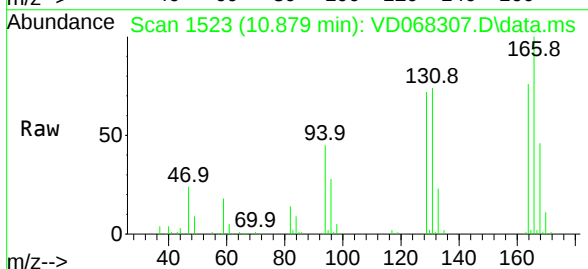
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

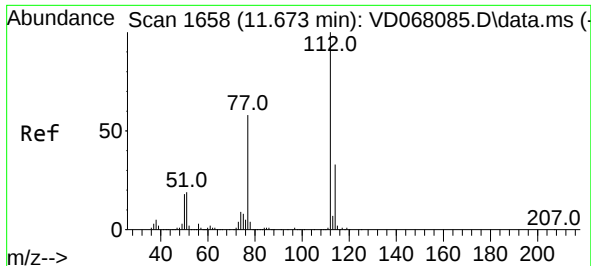
Tgt Ion:117 Resp: 594035  
Ion Ratio Lower Upper  
117 100  
82 55.0 41.4 62.0  
119 31.8 26.1 39.1



#64  
Tetrachloroethene  
Concen: 21.92 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion:164 Resp: 91789  
Ion Ratio Lower Upper  
164 100  
166 132.2 105.5 158.3  
129 95.3 75.6 113.4  
131 98.1 72.4 108.6

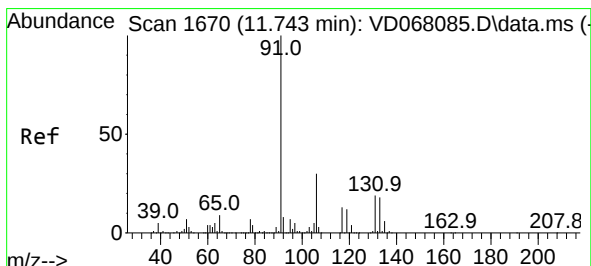
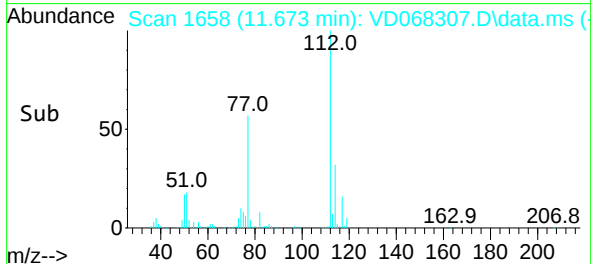
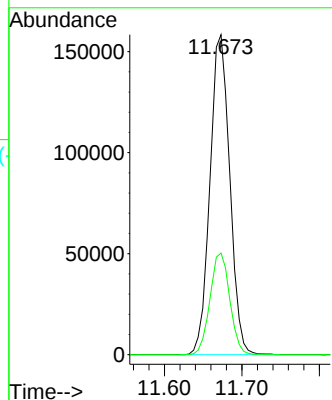
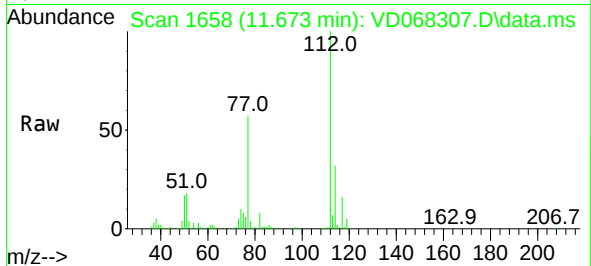




#65  
Chlorobenzene  
Concen: 22.25 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

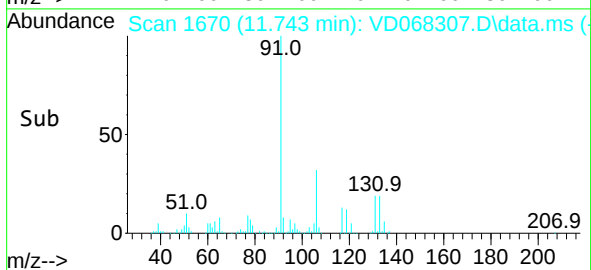
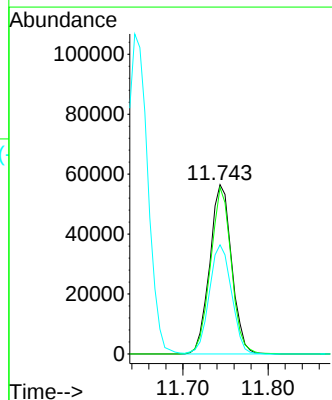
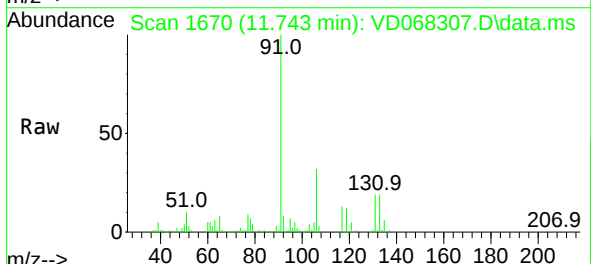
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

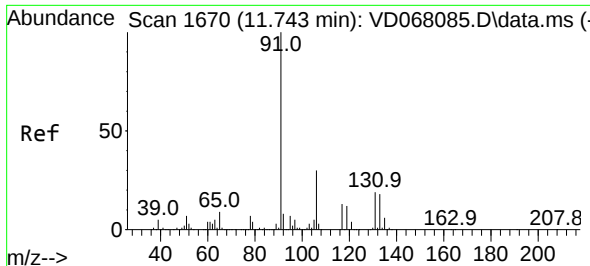
Tgt Ion:112 Resp: 280870  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.82 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion:131 Resp: 101320  
Ion Ratio Lower Upper  
131 100  
133 93.3 48.1 144.4  
119 65.3 31.6 94.8

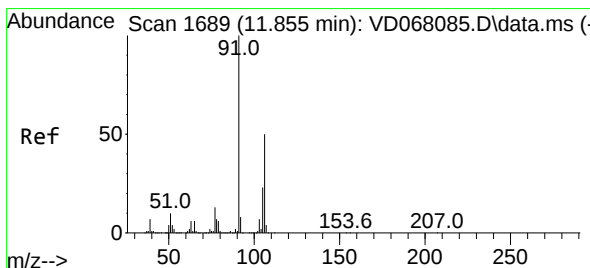
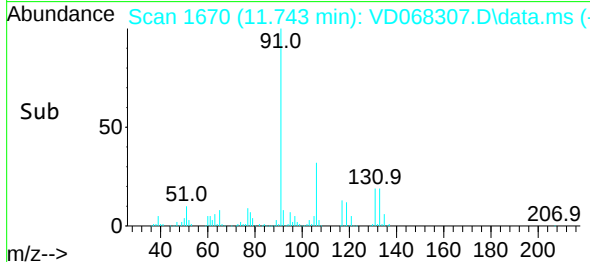
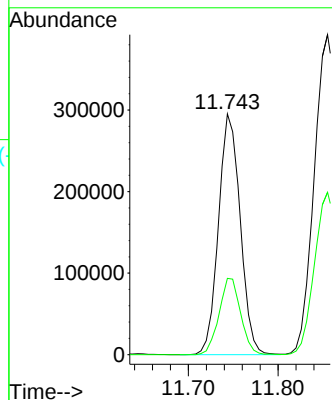
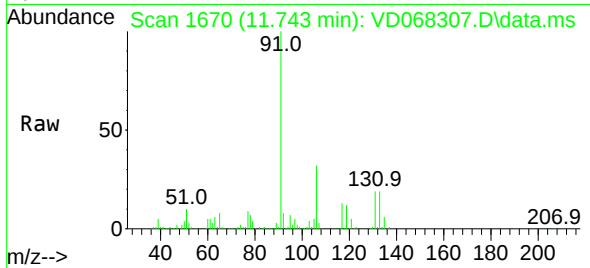




#67  
Ethyl Benzene  
Concen: 21.24 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

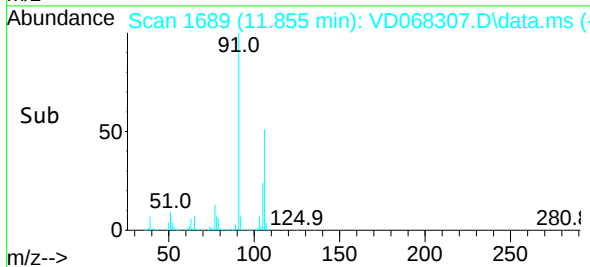
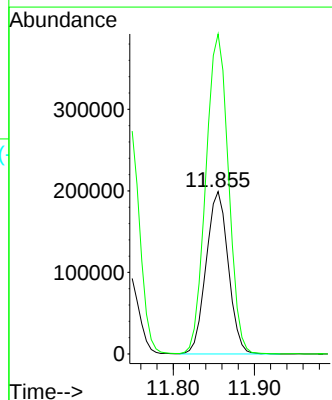
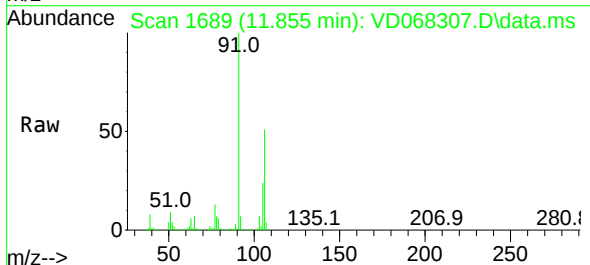
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

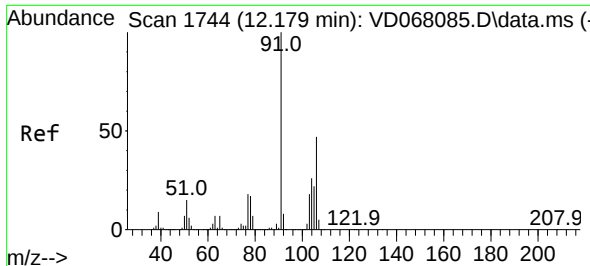
Tgt Ion: 91 Resp: 496399  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.9 38.9



#68  
m/p-Xylenes  
Concen: 42.76 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion:106 Resp: 377258  
Ion Ratio Lower Upper  
106 100  
91 201.0 159.1 238.7

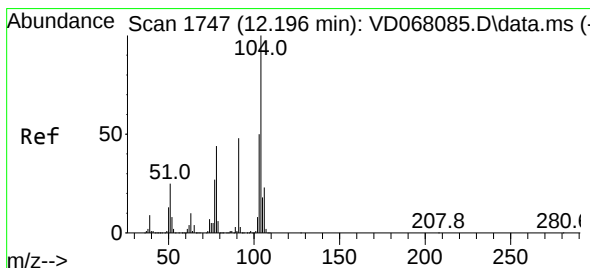
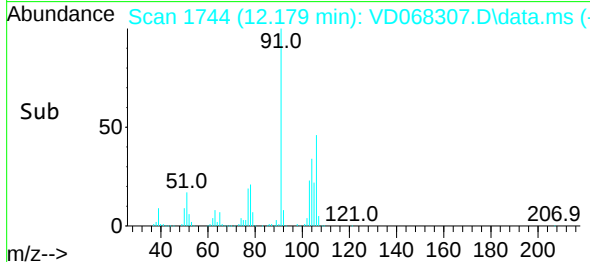
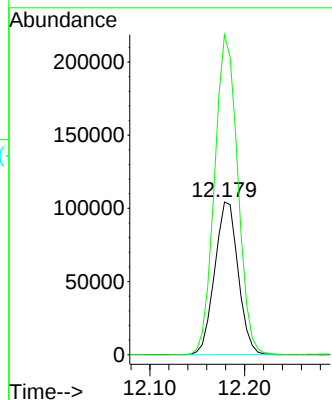
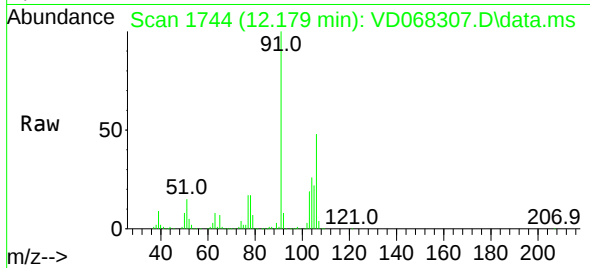




#69  
o-Xylene  
Concen: 21.93 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

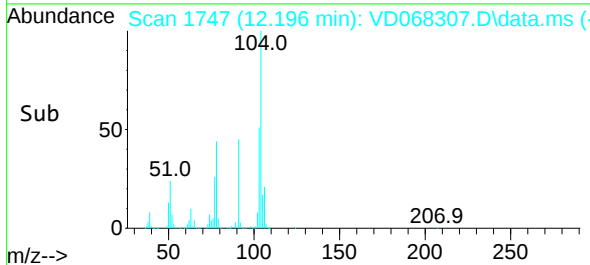
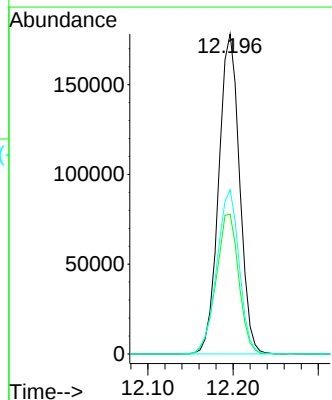
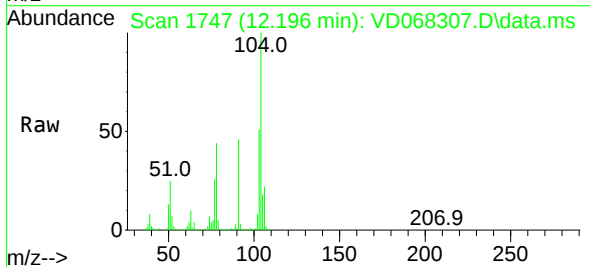
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

Tgt Ion:106 Resp: 179701  
Ion Ratio Lower Upper  
106 100  
91 207.6 108.7 325.9



#70  
Styrene  
Concen: 21.67 ug/l  
RT: 12.196 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion:104 Resp: 303109  
Ion Ratio Lower Upper  
104 100  
78 47.5 38.2 57.2  
103 54.8 43.1 64.7

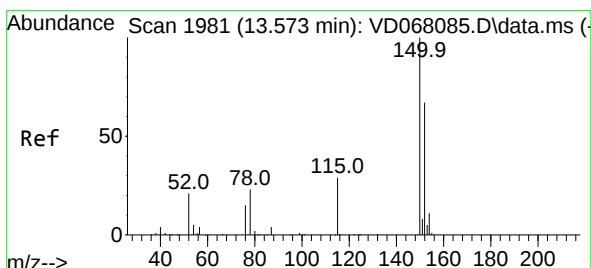
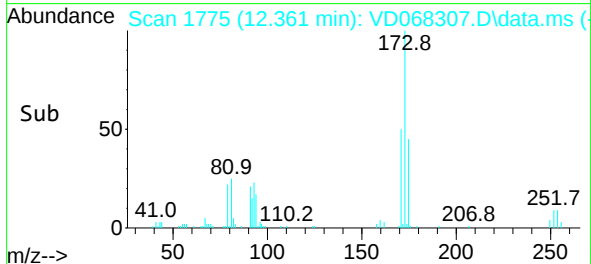
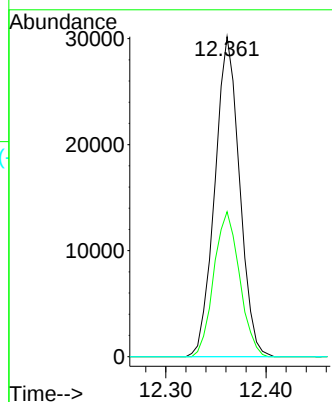
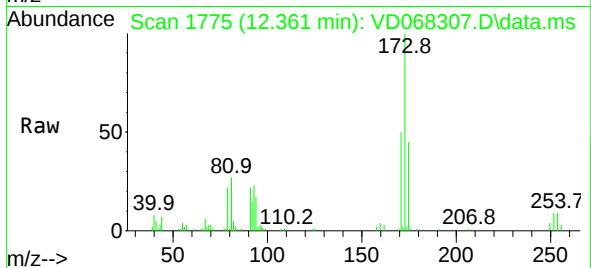




#71  
Bromoform  
Concen: 22.95 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

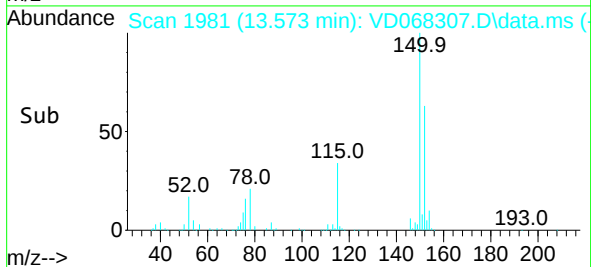
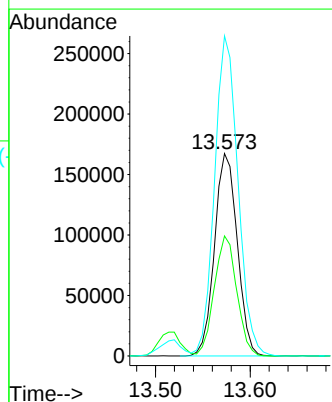
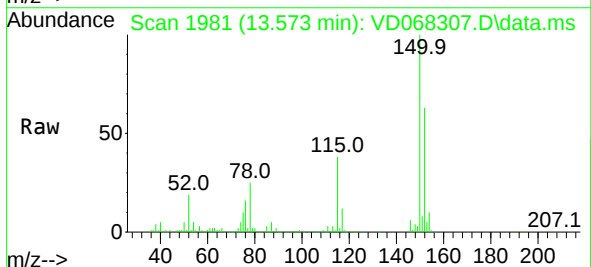
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

Tgt Ion:173 Resp: 51646  
Ion Ratio Lower Upper  
173 100  
175 47.1 24.6 73.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion:152 Resp: 279521  
Ion Ratio Lower Upper  
152 100  
115 58.4 28.9 86.8  
150 162.8 0.0 344.4

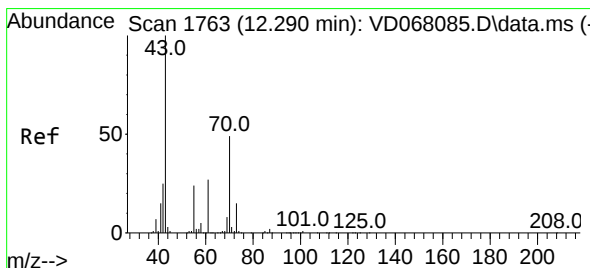
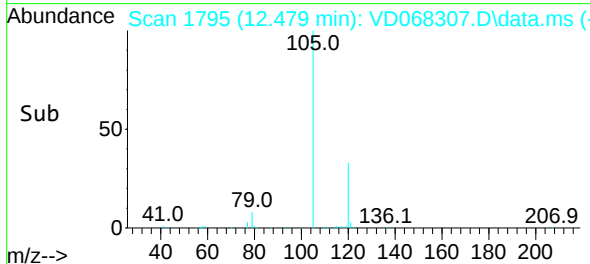
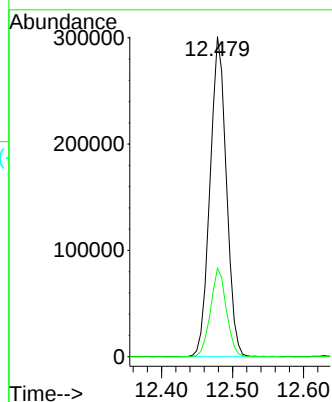
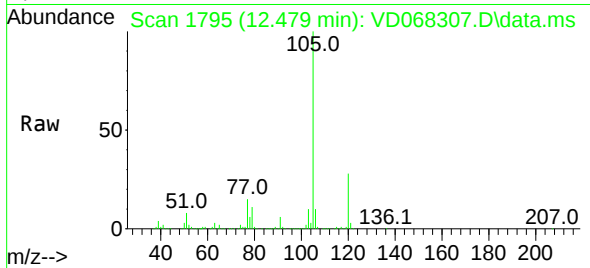




#73  
Isopropylbenzene  
Concen: 20.70 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

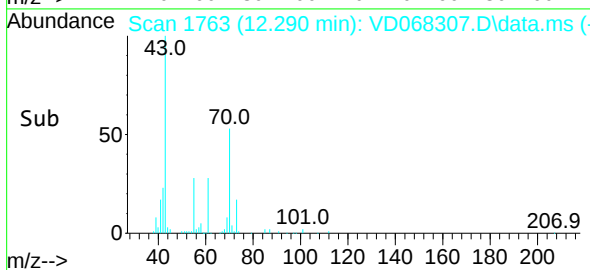
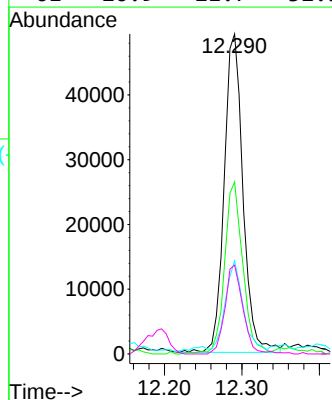
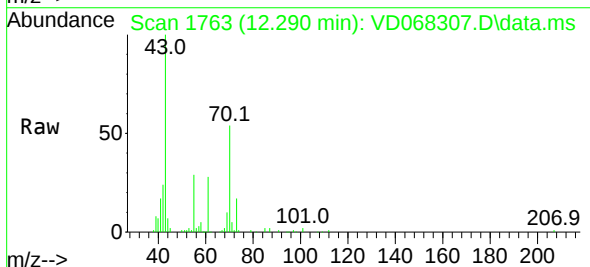
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

Tgt Ion:105 Resp: 481474  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.2 39.6



#74  
N-ethyl acetate  
Concen: 17.19 ug/l  
RT: 12.290 min Scan# 1763  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 43 Resp: 83123  
Ion Ratio Lower Upper  
43 100  
70 52.5 41.8 62.8  
55 26.4 24.2 36.4  
61 26.9 21.7 32.5

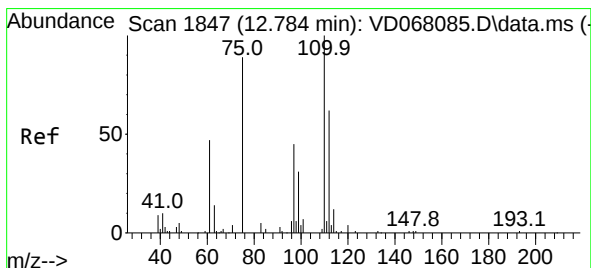
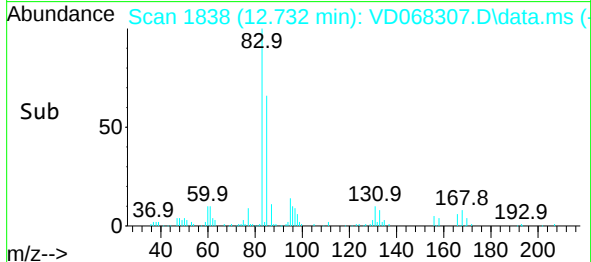
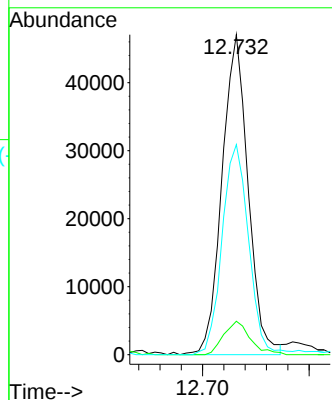
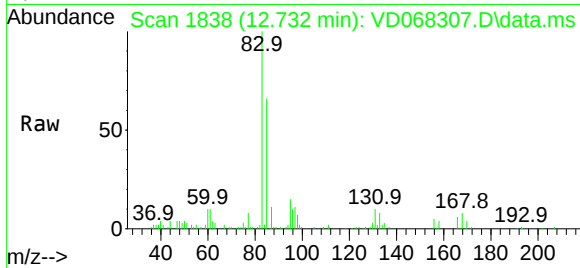




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.59 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

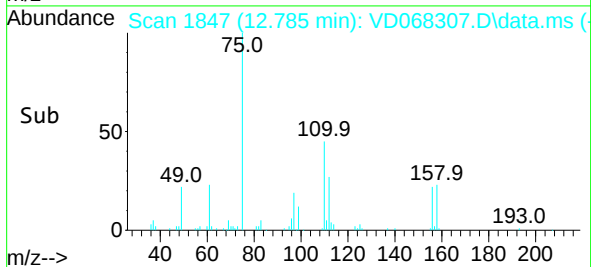
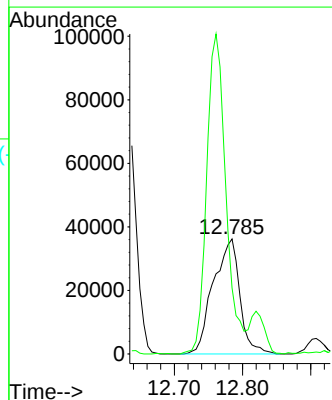
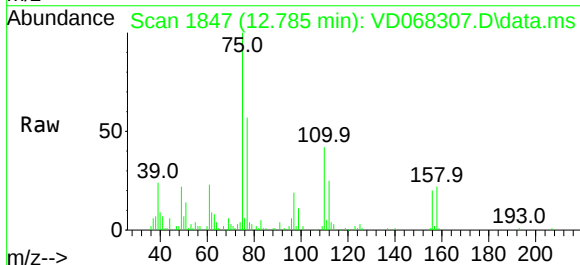
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

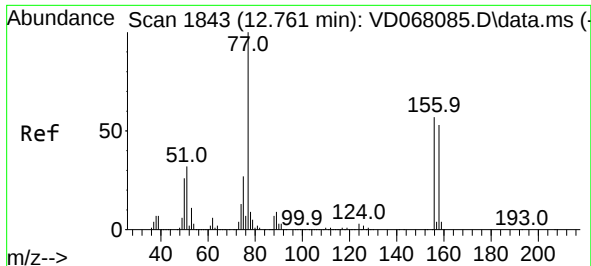
Tgt Ion: 83 Resp: 79854  
Ion Ratio Lower Upper  
83 100  
131 10.7 5.8 17.4  
85 66.7 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 36.26 ug/l  
RT: 12.785 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 75 Resp: 97992  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

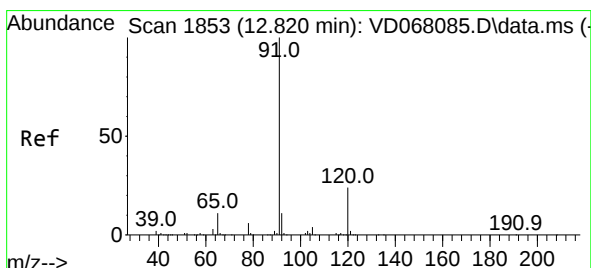
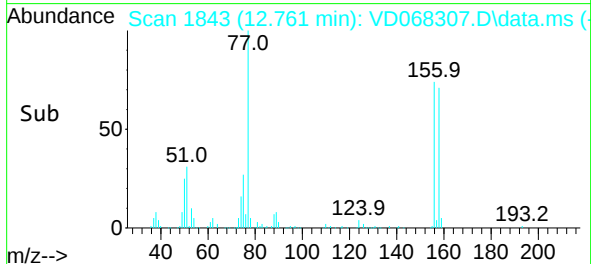
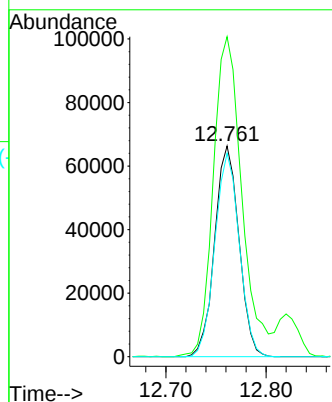
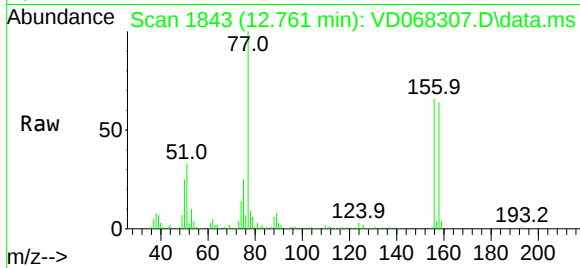




#77  
Bromobenzene  
Concen: 22.34 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

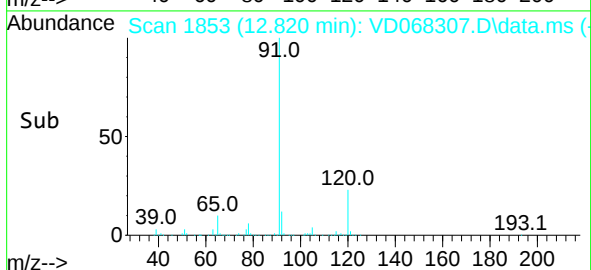
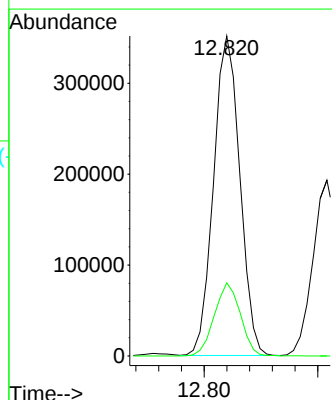
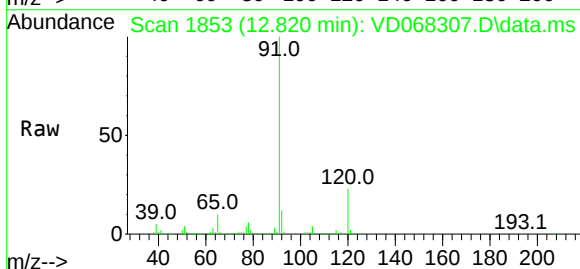
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

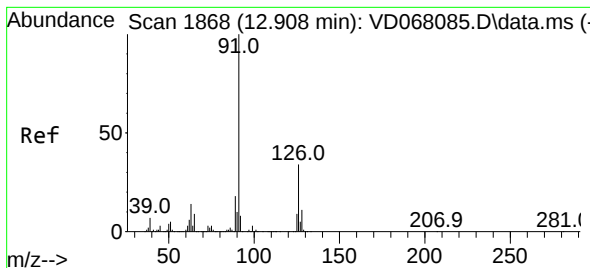
Tgt Ion:156 Resp: 111418  
Ion Ratio Lower Upper  
156 100  
77 177.2 82.8 248.3  
158 96.9 48.0 144.0



#78  
n-propylbenzene  
Concen: 20.51 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 91 Resp: 564512  
Ion Ratio Lower Upper  
91 100  
120 22.6 12.0 36.0

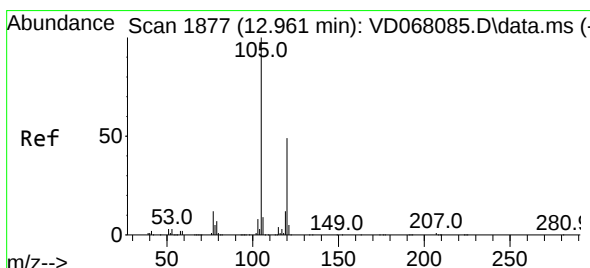
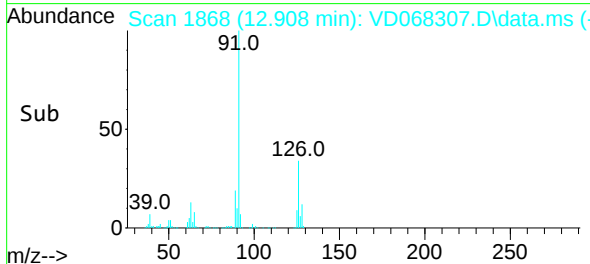
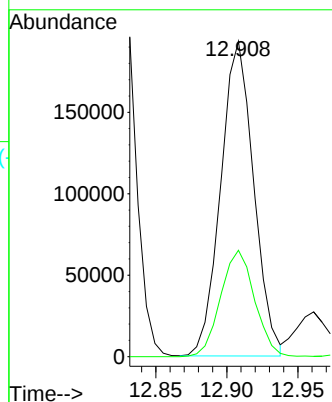
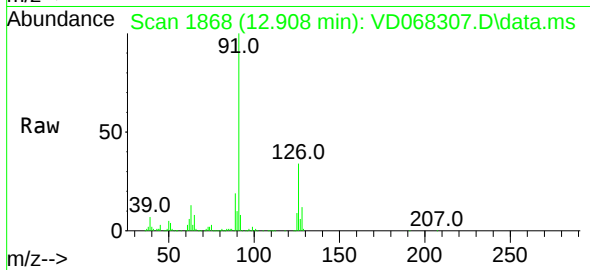




#79  
2-Chlorotoluene  
Concen: 20.19 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

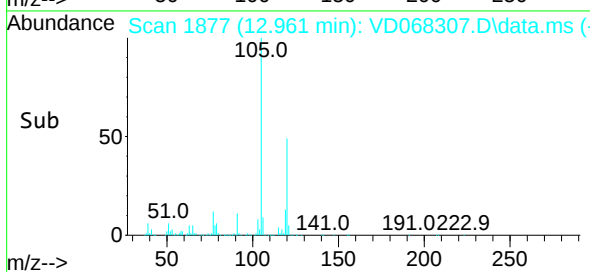
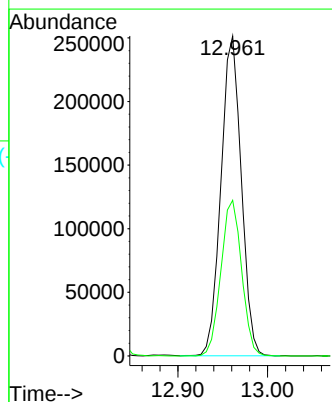
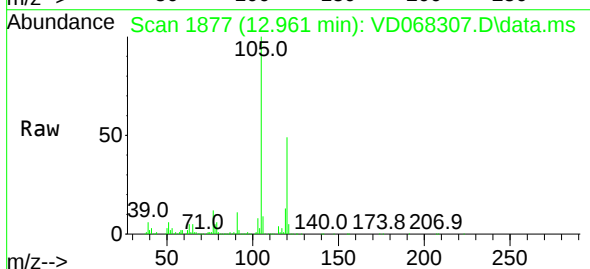
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

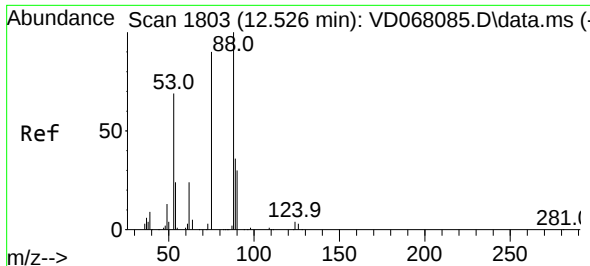
Tgt Ion: 91 Resp: 311989  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 20.37 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 105 Resp: 394557  
Ion Ratio Lower Upper  
105 100  
120 49.7 24.2 72.6

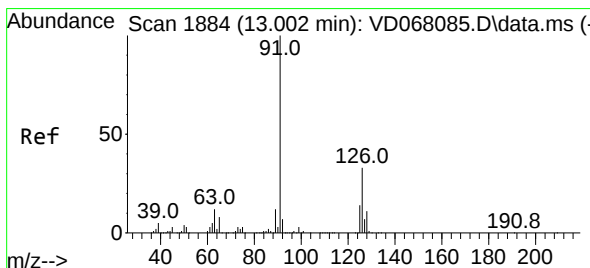
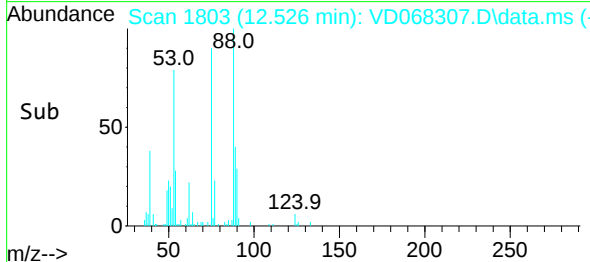
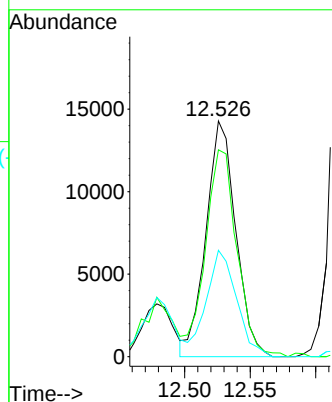
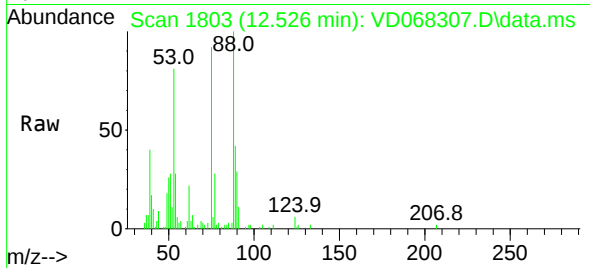




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.89 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

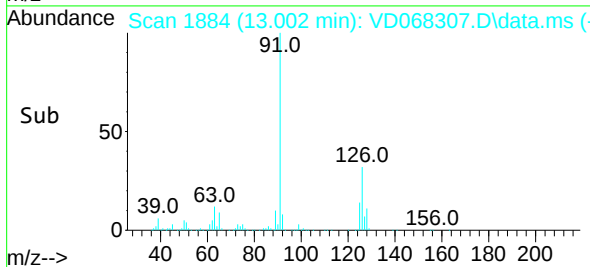
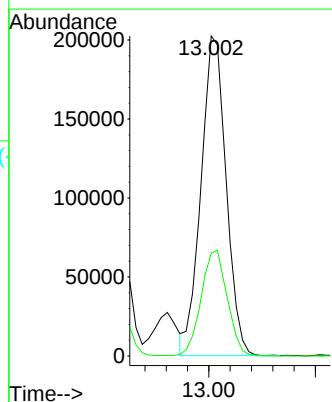
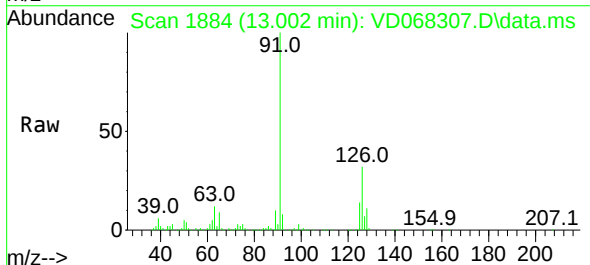
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

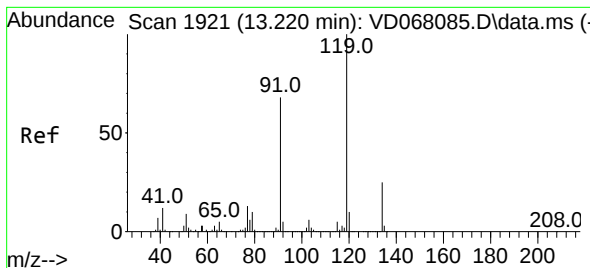
Tgt Ion: 75 Resp: 22556  
Ion Ratio Lower Upper  
75 100  
53 93.0 70.2 105.2  
89 45.5 40.3 60.5



#82  
4-Chlorotoluene  
Concen: 20.65 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 91 Resp: 331764  
Ion Ratio Lower Upper  
91 100  
126 34.3 17.7 53.1

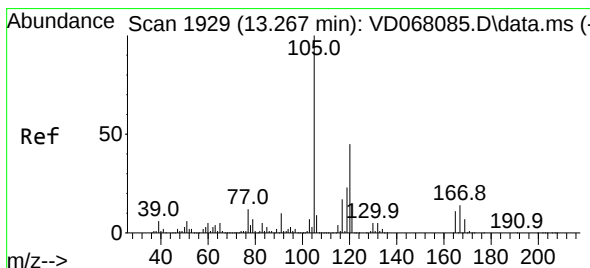
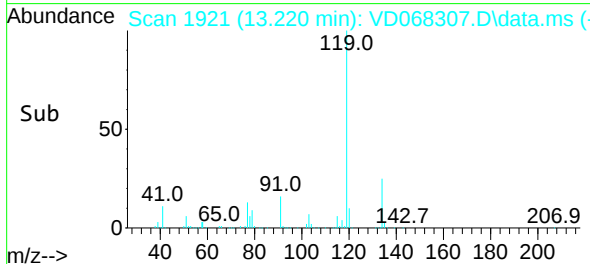
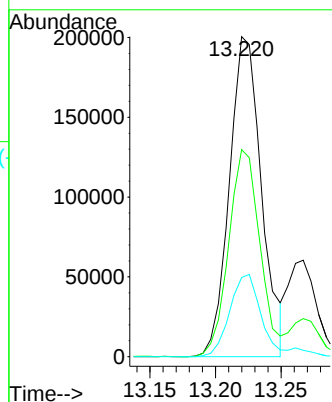
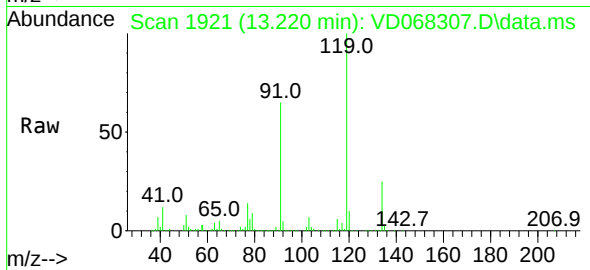




#83  
tert-Butylbenzene  
Concen: 20.84 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

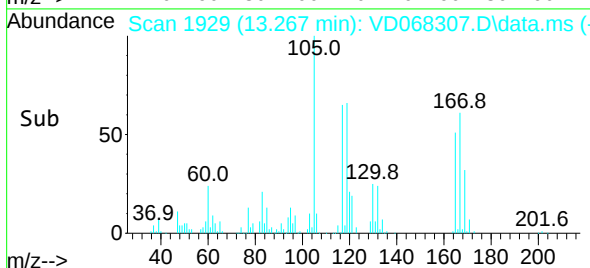
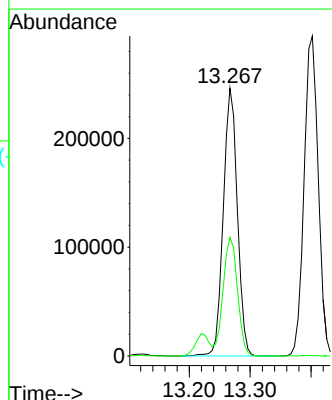
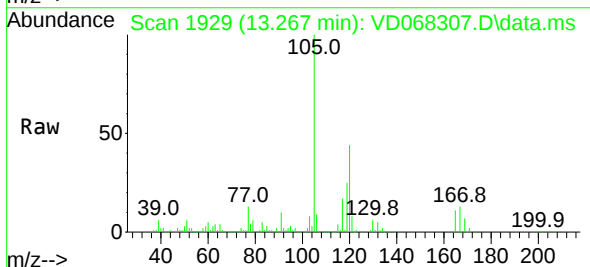
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

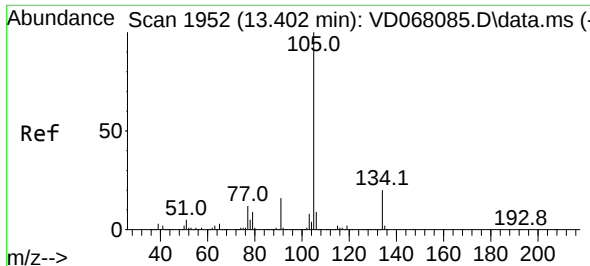
Tgt Ion:119 Resp: 342113  
Ion Ratio Lower Upper  
119 100  
91 62.9 31.1 93.5  
134 25.0 13.3 39.8



#84  
1,2,4-Trimethylbenzene  
Concen: 20.52 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion:105 Resp: 394522  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.4 67.0

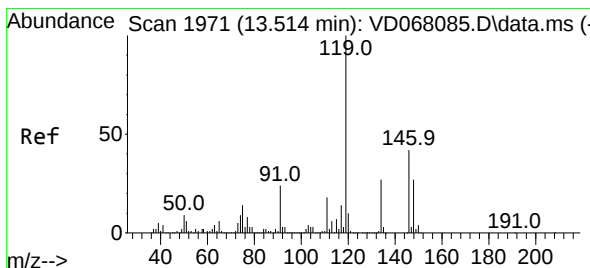
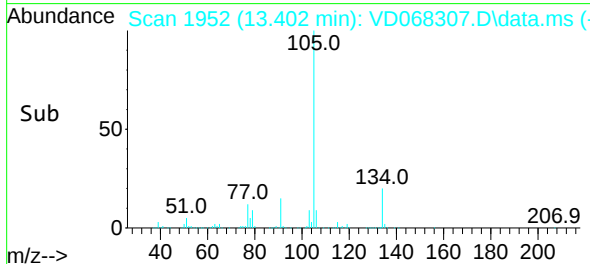
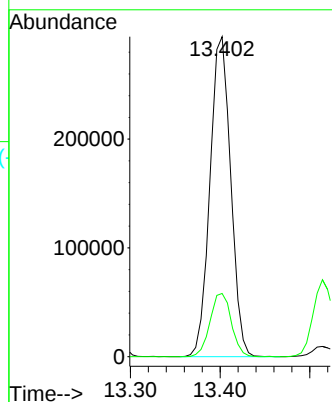
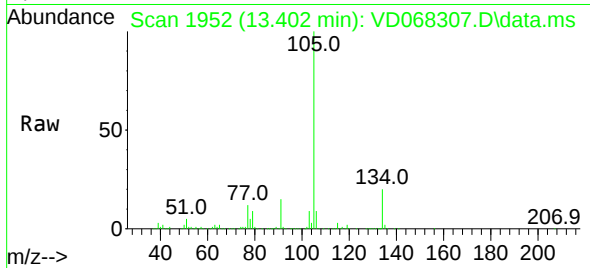




#85  
 sec-Butylbenzene  
 Concen: 20.58 ug/l  
 RT: 13.402 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VD068307.D  
 Acq: 05 Feb 2021 18:35

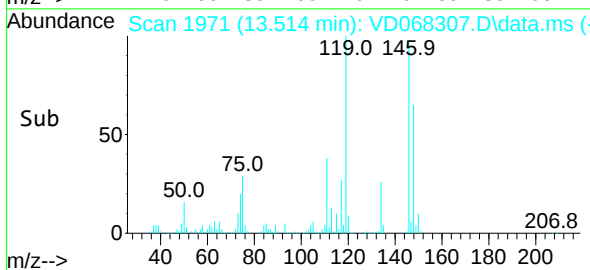
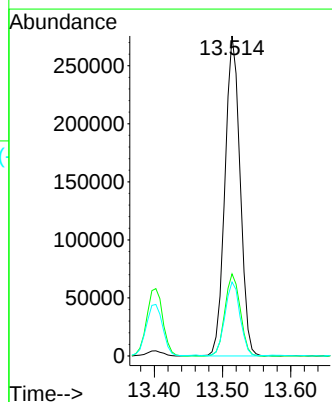
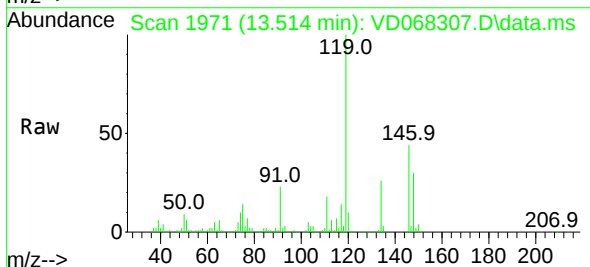
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0205SBS01

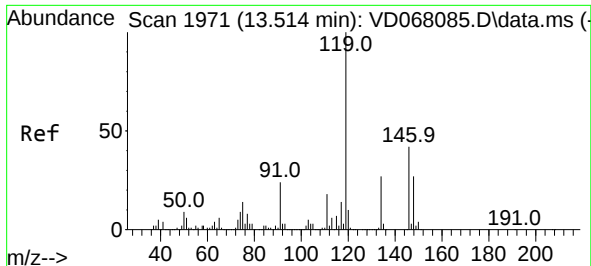
Tgt Ion:105 Resp: 472611  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.3 30.9



#86  
 p-Isopropyltoluene  
 Concen: 20.39 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. 0.000 min  
 Lab File: VD068307.D  
 Acq: 05 Feb 2021 18:35

Tgt Ion:119 Resp: 425904  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 12.9 38.7  
 91 22.9 11.7 35.0

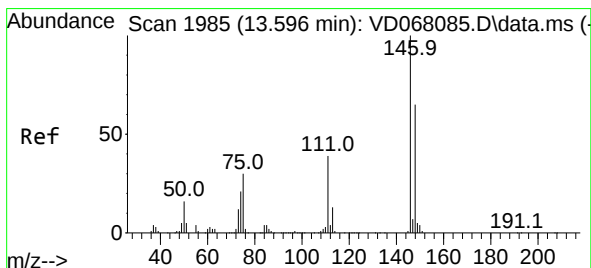
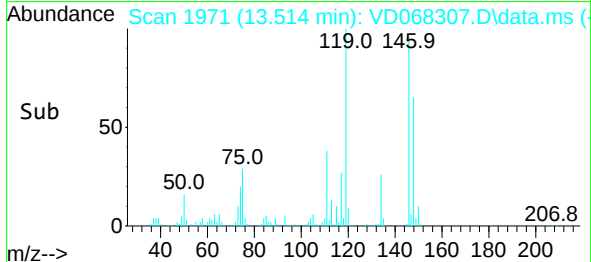
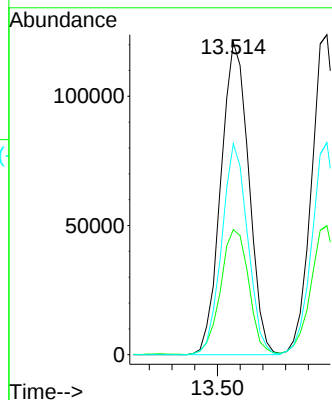
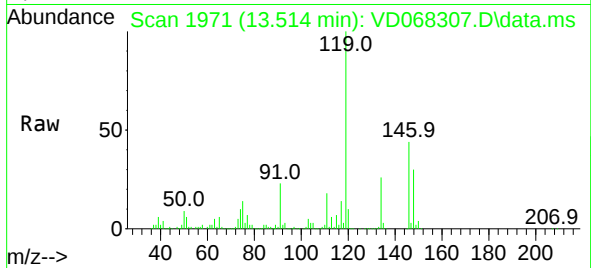




#87  
1,3-Dichlorobenzene  
Concen: 21.53 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

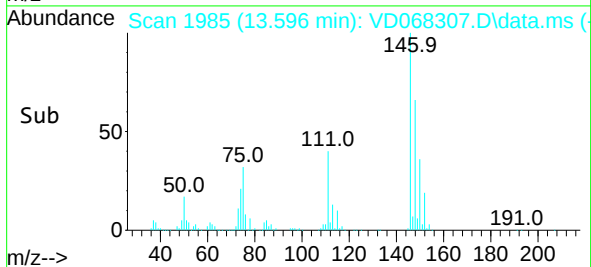
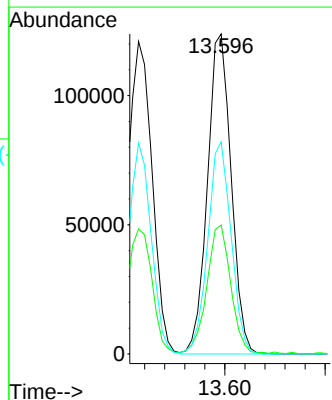
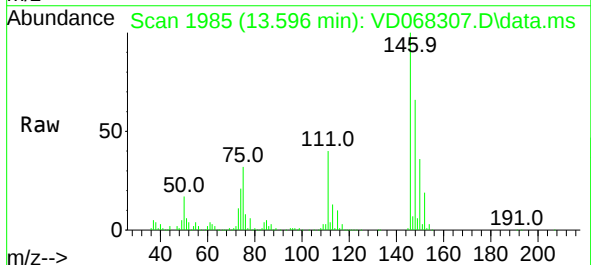
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

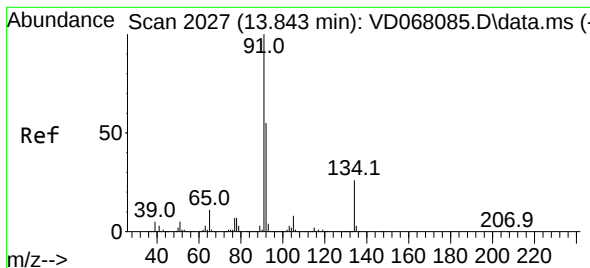
Tgt Ion:146 Resp: 206385  
Ion Ratio Lower Upper  
146 100  
111 40.5 19.5 58.5  
148 62.8 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 21.51 ug/l  
RT: 13.596 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion:146 Resp: 203201  
Ion Ratio Lower Upper  
146 100  
111 40.3 19.1 57.1  
148 65.4 31.9 95.7



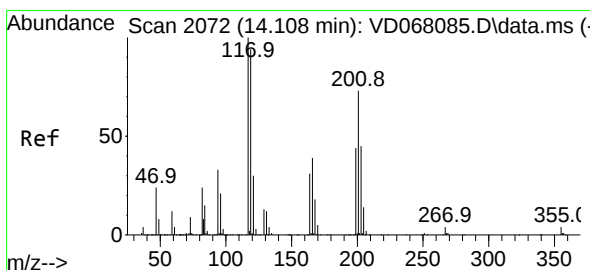
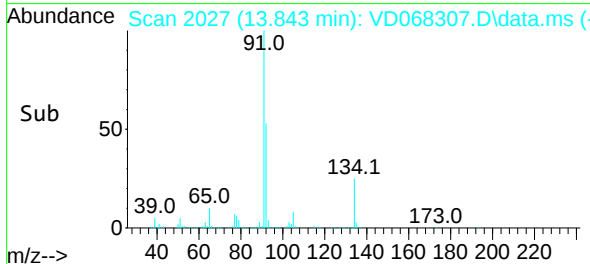
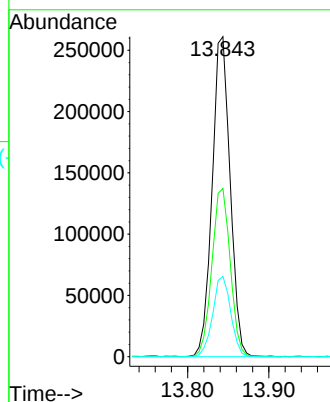
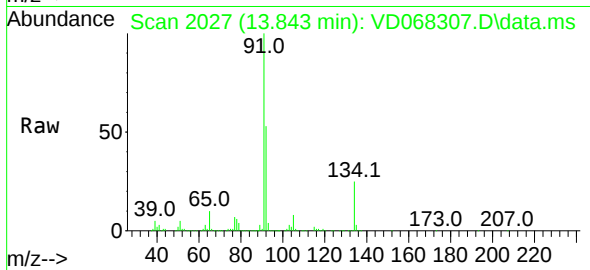


#89  
n-Butylbenzene  
Concen: 20.07 ug/l  
RT: 13.843 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

Tgt Ion: 91 Resp: 402291

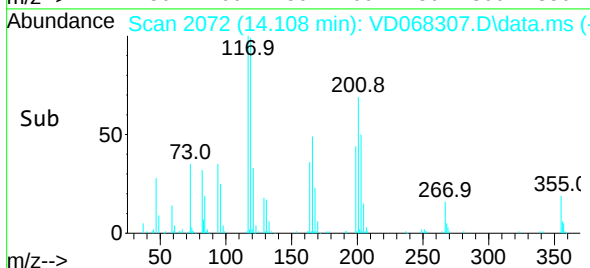
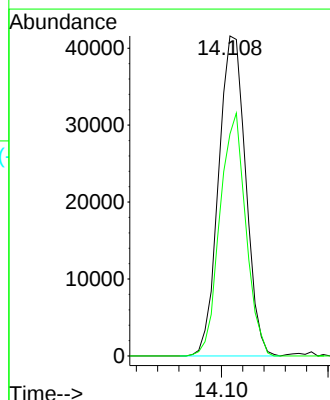
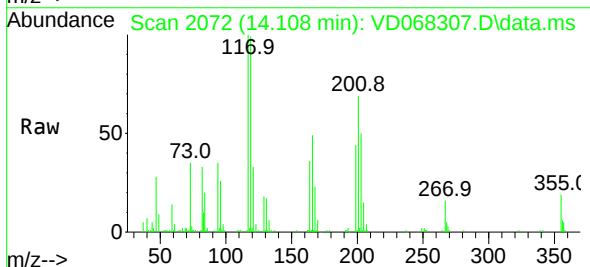
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.6  | 27.2  | 81.6  |
| 134 | 25.1  | 13.9  | 41.7  |

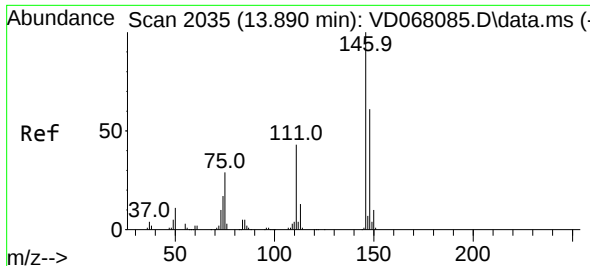


#90  
Hexachloroethane  
Concen: 19.48 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 117 Resp: 73474

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 72.5  | 39.5  | 118.5 |

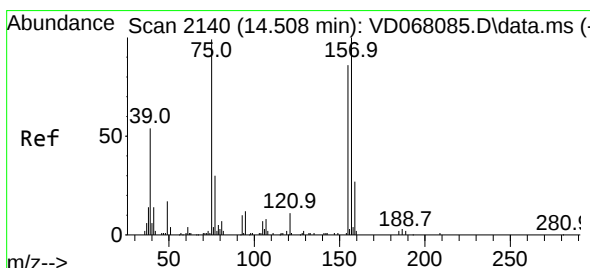
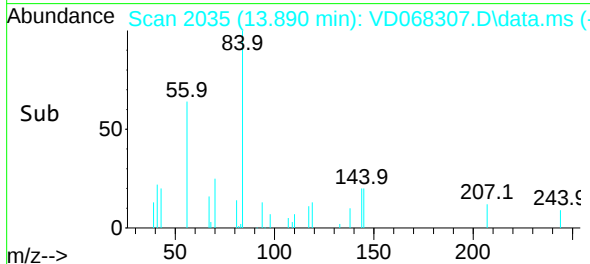
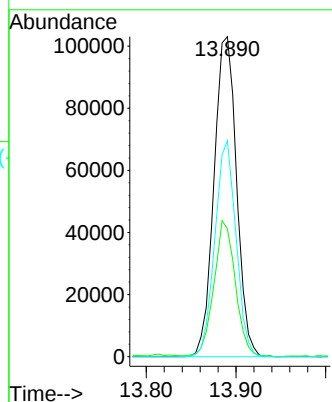
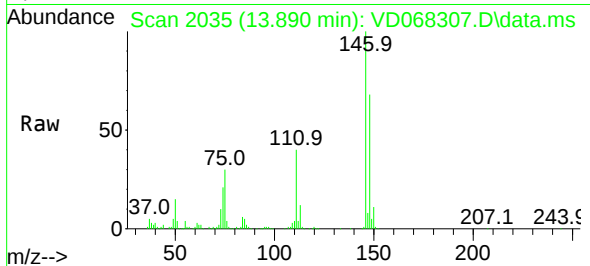




#91  
1,2-Dichlorobenzene  
Concen: 21.89 ug/l  
RT: 13.890 min Scan# 2035  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

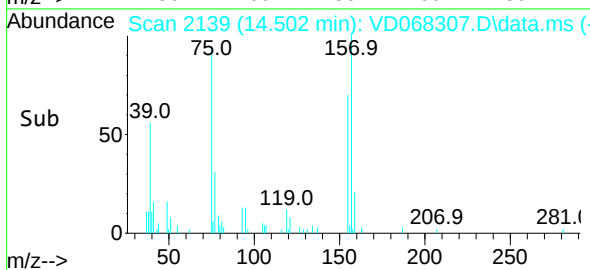
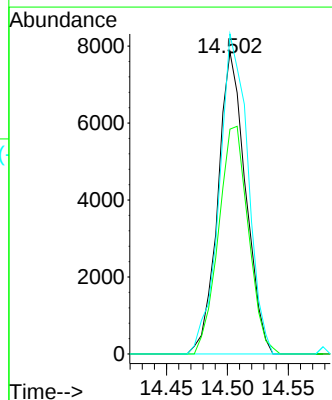
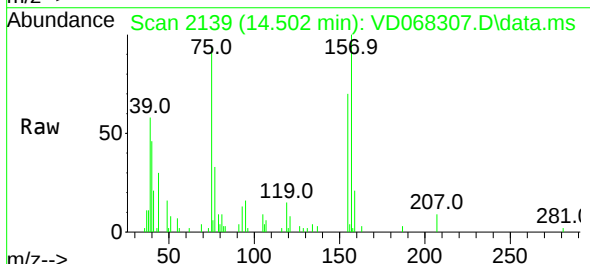
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

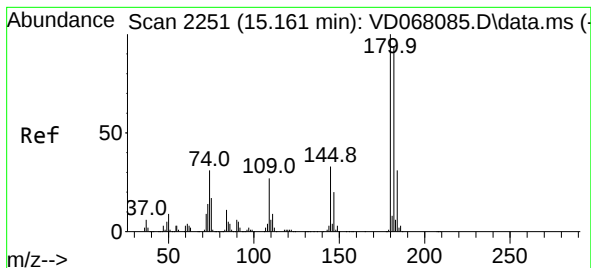
Tgt Ion:146 Resp: 179723  
Ion Ratio Lower Upper  
146 100  
111 40.6 20.3 60.9  
148 63.4 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.54 ug/l  
RT: 14.502 min Scan# 2139  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion: 75 Resp: 12437  
Ion Ratio Lower Upper  
75 100  
155 80.9 48.0 144.2  
157 109.5 65.0 194.8

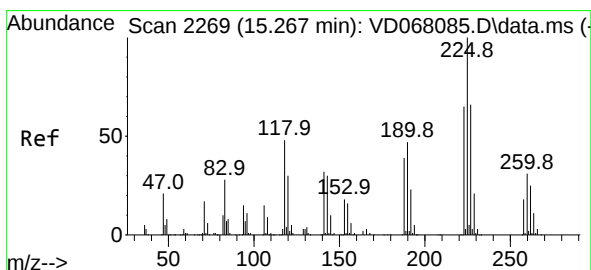
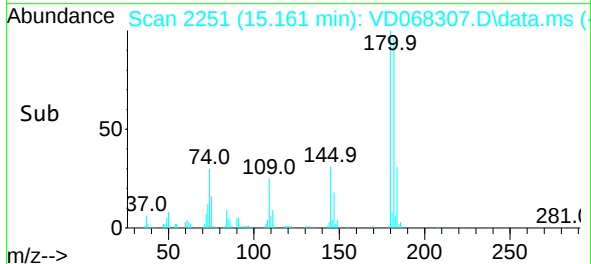
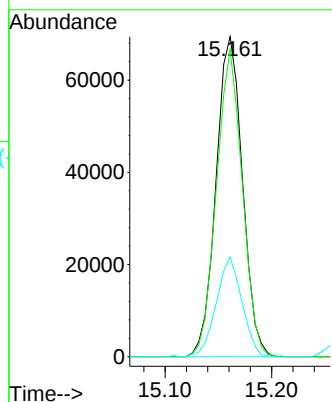
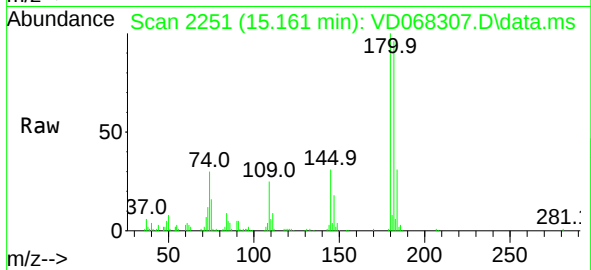




#93  
1,2,4-Trichlorobenzene  
Concen: 21.21 ug/l  
RT: 15.161 min Scan# 2251  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

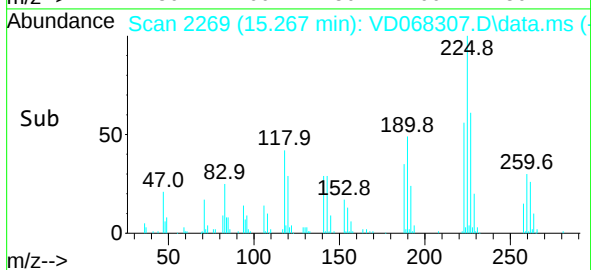
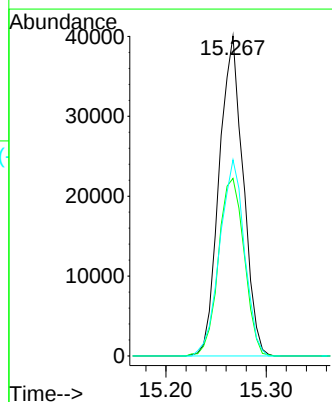
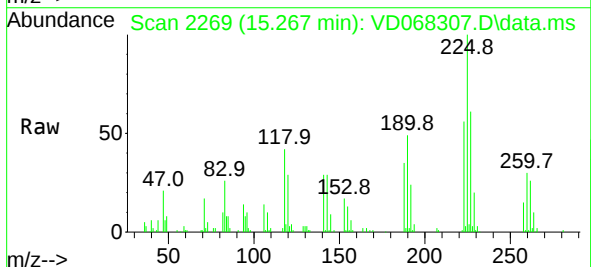
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

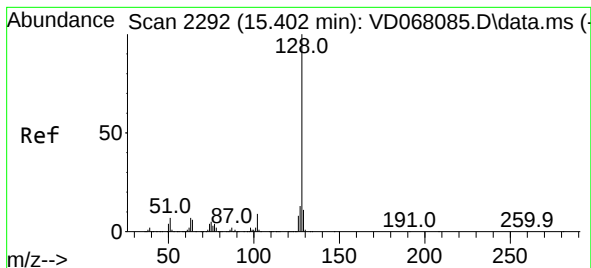
Tgt Ion:180 Resp: 119403  
Ion Ratio Lower Upper  
180 100  
182 93.9 46.8 140.4  
145 30.3 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 21.31 ug/l  
RT: 15.267 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion:225 Resp: 66502  
Ion Ratio Lower Upper  
225 100  
223 59.5 31.9 95.5  
227 63.1 32.1 96.5

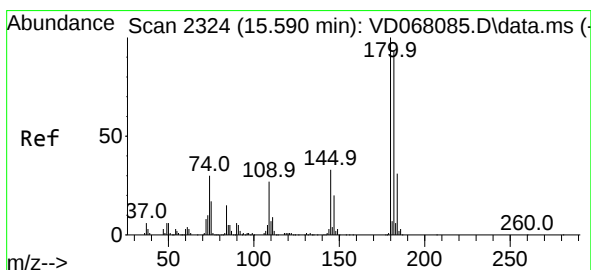
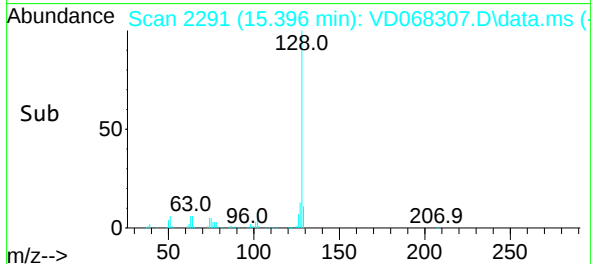
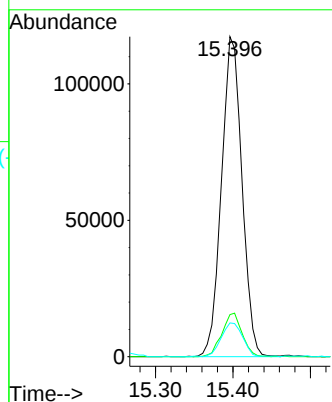
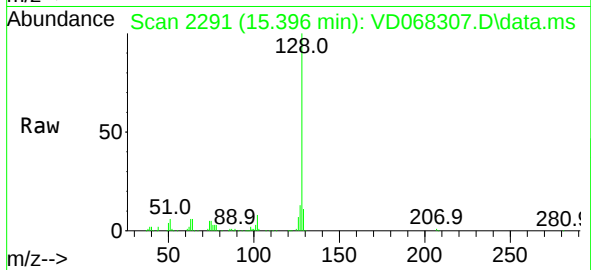




#95  
Naphthalene  
Concen: 20.50 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. -0.006 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0205SBS01

Tgt Ion:128 Resp: 216436  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.2 15.2  
129 11.2 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 21.48 ug/l  
RT: 15.590 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VD068307.D  
Acq: 05 Feb 2021 18:35

Tgt Ion:180 Resp: 101984  
Ion Ratio Lower Upper  
180 100  
182 91.2 48.3 144.8  
145 32.7 16.7 50.1

