

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD022221\  
 Data File : VD068410.D  
 Acq On : 22 Feb 2021 09:54  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Feb 22 15:15:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 12 13:30:51 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 388455   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 665701   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.643 | 117  | 599140   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.573 | 152  | 271850   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 214274   | 53.96    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 107.92% |
| 35) Dibromofluoromethane    | 7.920  | 113   | 226501   | 57.32    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 114.64% |
| 50) Toluene-d8              | 10.338 | 98    | 904316   | 55.22    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 110.44% |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 289938   | 54.35    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 108.70% |

|                              |       |     |         |        |        |        |
|------------------------------|-------|-----|---------|--------|--------|--------|
| Target Compounds             |       |     |         |        |        | Qvalue |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 160210  | 45.01  | ug/l   | 93     |
| 3) Chloromethane             | 2.209 | 50  | 193470  | 45.65  | ug/l   | 100    |
| 4) Vinyl Chloride            | 2.350 | 62  | 239379  | 47.18  | ug/l   | 97     |
| 5) Bromomethane              | 2.767 | 94  | 159899  | 44.09  | ug/l   | 94     |
| 6) Chloroethane              | 2.920 | 64  | 158260  | 47.76  | ug/l   | 97     |
| 7) Trichlorofluoromethane    | 3.273 | 101 | 295919  | 47.39  | ug/l   | 98     |
| 8) Diethyl Ether             | 3.709 | 74  | 86816   | 47.34  | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluo... | 4.097 | 101 | 185225  | 48.74  | ug/l   | 94     |
| 10) Methyl Iodide            | 4.303 | 142 | 169732  | 47.56  | ug/l   | 93     |
| 11) Tert butyl alcohol       | 5.226 | 59  | 60947   | 306.12 | ug/l   | 97     |
| 12) 1,1-Dichloroethene       | 4.067 | 96  | 174587  | 47.26  | ug/l   | 95     |
| 13) Acrolein                 | 3.926 | 56  | 63878   | 280.58 | ug/l   | 99     |
| 14) Allyl chloride           | 4.714 | 41  | 232194  | 48.34  | ug/l   | 97     |
| 15) Acrylonitrile            | 5.420 | 53  | 189594  | 239.53 | ug/l   | 99     |
| 16) Acetone                  | 4.156 | 43  | 182384  | 297.68 | ug/l # | 88     |
| 17) Carbon Disulfide         | 4.409 | 76  | 473343  | 44.24  | ug/l   | 99     |
| 18) Methyl Acetate           | 4.720 | 43  | 78758   | 46.84  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 402364  | 48.27  | ug/l   | 93     |
| 20) Methylene Chloride       | 4.961 | 84  | 205966  | 48.27  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene | 5.473 | 96  | 200542  | 46.90  | ug/l   | 94     |
| 22) Diisopropyl ether        | 6.361 | 45  | 511475  | 48.12  | ug/l   | 94     |
| 23) Vinyl Acetate            | 6.303 | 43  | 1349422 | 245.86 | ug/l   | 99     |
| 24) 1,1-Dichloroethane       | 6.267 | 63  | 355987  | 48.94  | ug/l   | 99     |
| 25) 2-Butanone               | 7.214 | 43  | 216899  | 253.19 | ug/l   | 97     |
| 26) 2,2-Dichloropropane      | 7.208 | 77  | 318158  | 51.14  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene   | 7.214 | 96  | 236328  | 48.62  | ug/l   | 96     |
| 28) Bromochloromethane       | 7.550 | 49  | 154147  | 51.10  | ug/l   | 81     |
| 29) Tetrahydrofuran          | 7.561 | 42  | 130246  | 235.05 | ug/l   | 98     |
| 30) Chloroform               | 7.714 | 83  | 373049  | 49.31  | ug/l   | 96     |
| 31) Cyclohexane              | 7.985 | 56  | 292002  | 49.39  | ug/l   | 93     |
| 32) 1,1,1-Trichloroethane    | 7.902 | 97  | 321811  | 49.23  | ug/l   | 96     |
| 36) 1,1-Dichloropropene      | 8.108 | 75  | 278452  | 47.28  | ug/l   | 97     |
| 37) Ethyl Acetate            | 7.297 | 43  | 93451   | 46.96  | ug/l   | 97     |
| 38) Carbon Tetrachloride     | 8.091 | 117 | 277506  | 49.40  | ug/l   | 93     |
| 39) Methylcyclohexane        | 9.355 | 83  | 342277  | 47.38  | ug/l   | 98     |
| 40) Benzene                  | 8.349 | 78  | 814779  | 48.51  | ug/l   | 93     |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Feb 22 15:15:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 12 13:30:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 58602    | 51.16  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 216930   | 48.41  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.449  | 43   | 184024   | 48.29  | ug/l   | 98       |
| 44) Trichloroethene           | 9.114  | 130  | 225316   | 49.29  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 201638   | 49.19  | ug/l   | 98       |
| 46) Dibromomethane            | 9.473  | 93   | 105511   | 47.45  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.661  | 83   | 281689   | 48.86  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.455  | 41   | 86108    | 45.28  | ug/l # | 86       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 24749    | 952.66 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.232 | 43   | 477206   | 243.82 | ug/l   | 99       |
| 52) Toluene                   | 10.402 | 92   | 521932   | 48.33  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 264051   | 49.49  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 315042   | 48.33  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 151927   | 49.46  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 178914   | 49.09  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.949 | 76   | 258227   | 47.90  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 513045   | 262.88 | ug/l   | 93       |
| 59) 2-Hexanone                | 10.985 | 43   | 355202   | 268.47 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.143 | 129  | 187182   | 49.11  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.249 | 107  | 146465   | 49.34  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.879 | 164  | 175314   | 47.55  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.673 | 112  | 562770   | 48.85  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.743 | 131  | 199034   | 49.52  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.743 | 91   | 1024020  | 49.58  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.855 | 106  | 769768   | 98.61  | ug/l   | 100      |
| 69) o-Xylene                  | 12.179 | 106  | 353962   | 49.42  | ug/l   | 96       |
| 70) Styrene                   | 12.196 | 104  | 616515   | 49.49  | ug/l   | 100      |
| 71) Bromoform                 | 12.361 | 173  | 100489   | 48.66  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.479 | 105  | 988232   | 49.77  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.285 | 43   | 174344   | 49.72  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 168523   | 48.97  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.785 | 75   | 213248   | 82.43  | ug/l # | 100      |
| 77) Bromobenzene              | 12.761 | 156  | 215201   | 48.51  | ug/l   | 89       |
| 78) n-propylbenzene           | 12.820 | 91   | 1169204  | 49.19  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 643195   | 48.86  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 805447   | 49.64  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 53934    | 52.26  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 676131   | 48.58  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 705133   | 50.10  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 805021   | 49.80  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.396 | 105  | 990567   | 50.32  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 896258   | 50.71  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 420677   | 49.02  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.596 | 146  | 413426   | 48.41  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.837 | 91   | 864204   | 50.11  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.108 | 117  | 163694   | 51.01  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.884 | 146  | 366131   | 49.20  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.502 | 75   | 24995    | 49.68  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 15.161 | 180  | 240805   | 49.41  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.261 | 225  | 135097   | 50.39  | ug/l   | 99       |
| 95) Naphthalene               | 15.396 | 128  | 447496   | 49.39  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.590 | 180  | 211209   | 49.68  | ug/l   | 96       |

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Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

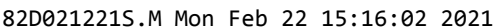
Instrument :  
MSVOA\_D  
ClientSampleId :

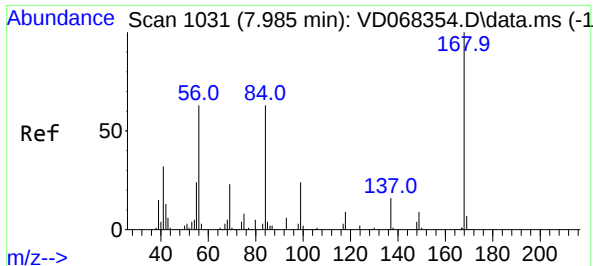
Quant Time: Feb 22 15:15:51 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021221S.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 12 13:30:51 2021  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021221S.M  
Quant Title : SW846 8260  
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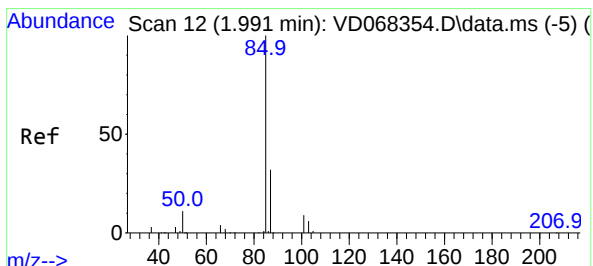
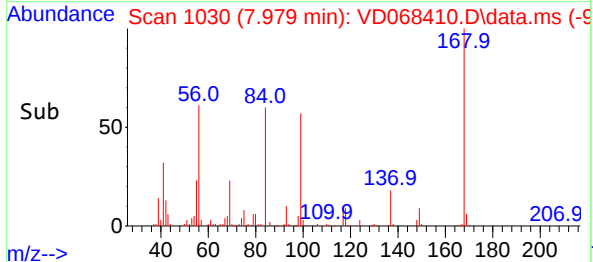
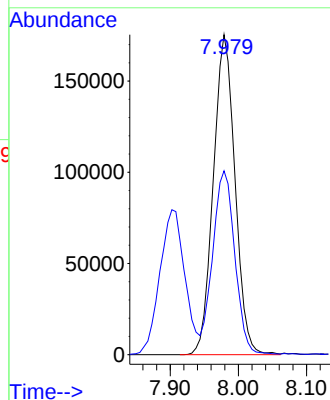
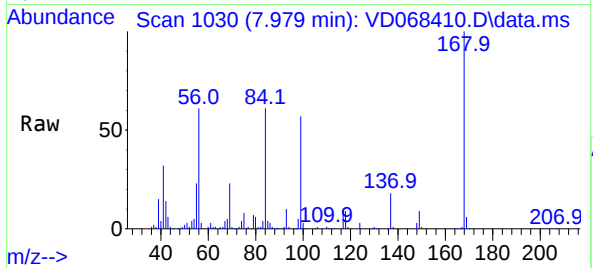




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

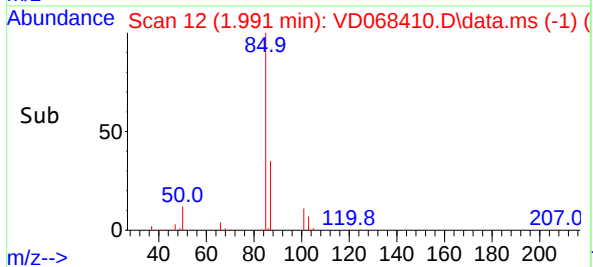
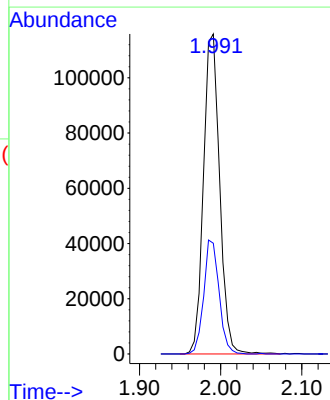
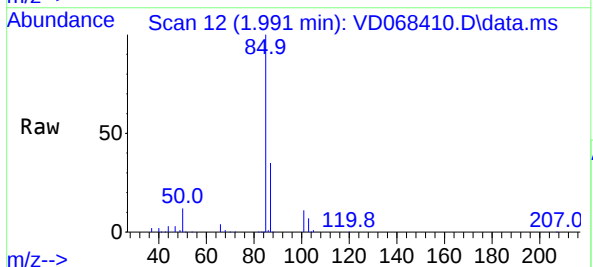
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:168 Resp: 388455  
Ion Ratio Lower Upper  
168 100  
99 57.3 43.5 65.3

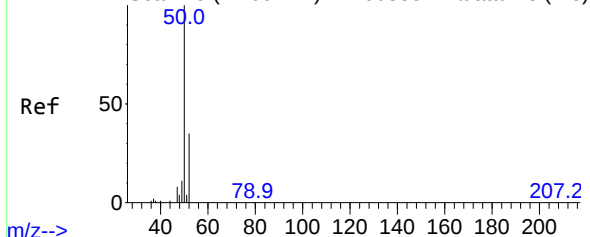


#2  
Dichlorodifluoromethane  
Concen: 45.01 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 85 Resp: 160210  
Ion Ratio Lower Upper  
85 100  
87 34.6 15.4 46.1

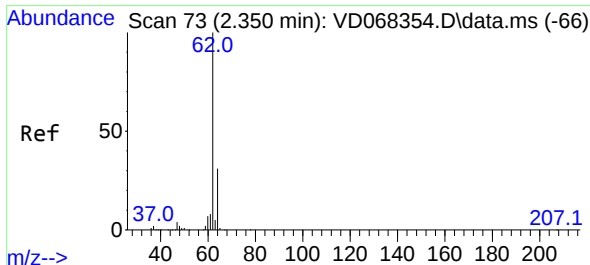
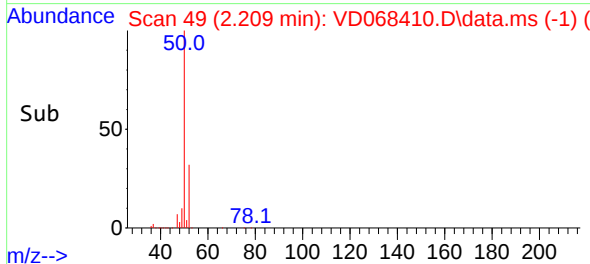
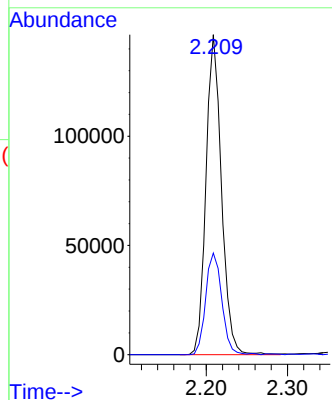
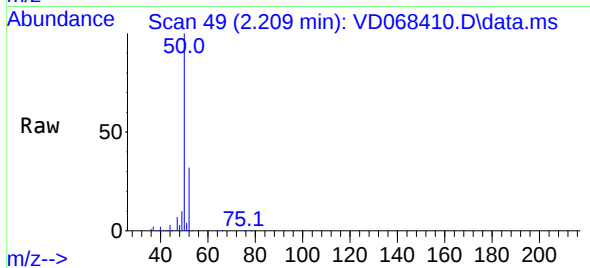


Abundance Scan 49 (2.209 min): VD068354.D\data.ms (-43)



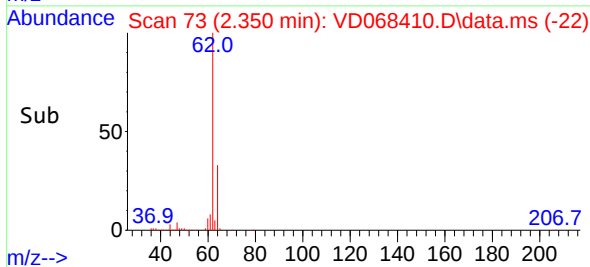
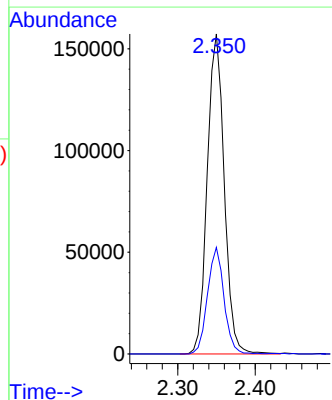
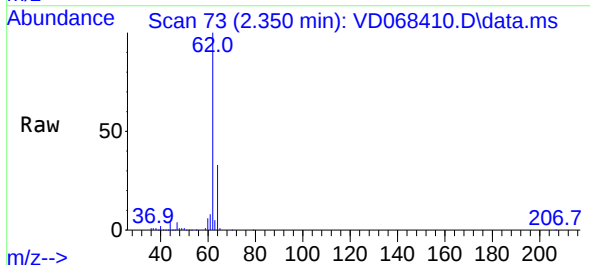
#3  
Chloromethane  
Concen: 45.65 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 50 Resp: 193470  
Ion Ratio Lower Upper  
50 100  
52 31.8 25.4 38.2

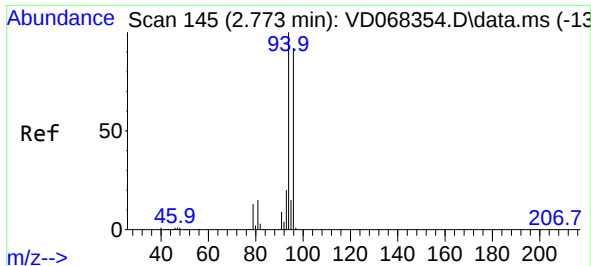


#4  
Vinyl Chloride  
Concen: 47.18 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 62 Resp: 239379  
Ion Ratio Lower Upper  
62 100  
64 33.3 25.4 38.2



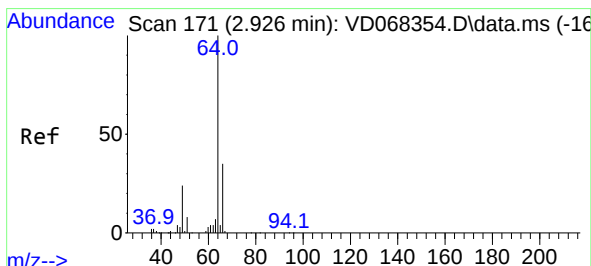
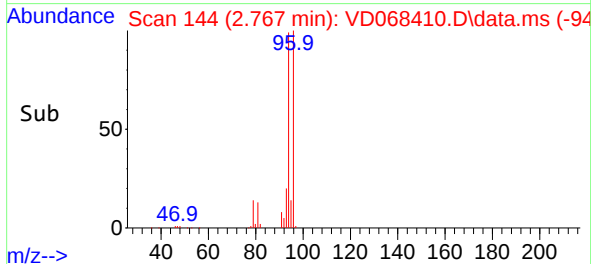
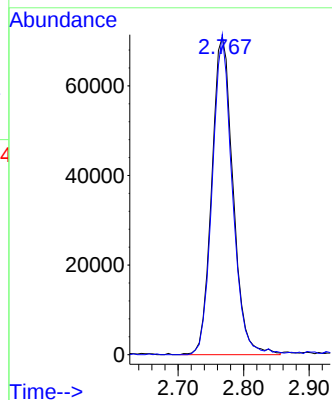
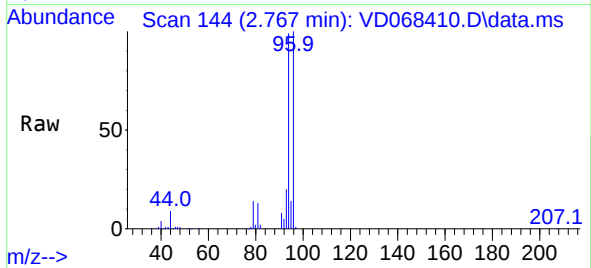
Instrument :  
MSVOA\_D  
ClientSampleId :



#5  
Bromomethane  
Concen: 44.09 ug/l  
RT: 2.767 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

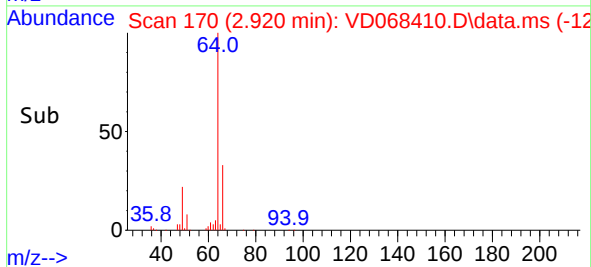
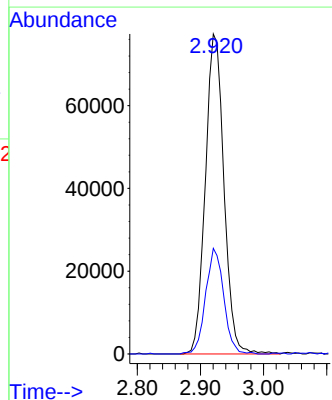
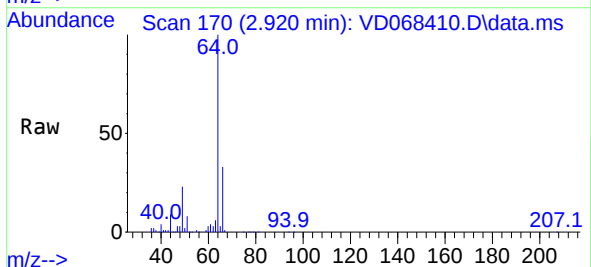
Instrument :  
MSVOA\_D  
ClientSampleId :

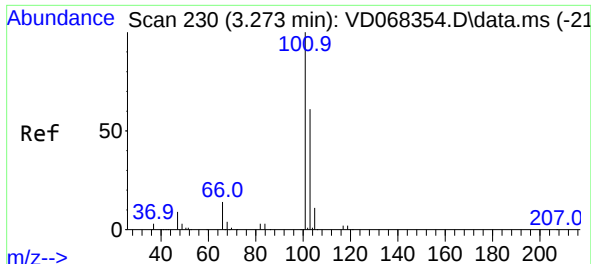
Tgt Ion: 94 Resp: 159899  
Ion Ratio Lower Upper  
94 100  
96 100.8 75.8 113.8



#6  
Chloroethane  
Concen: 47.76 ug/l  
RT: 2.920 min Scan# 170  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 64 Resp: 158260  
Ion Ratio Lower Upper  
64 100  
66 33.0 25.1 37.7

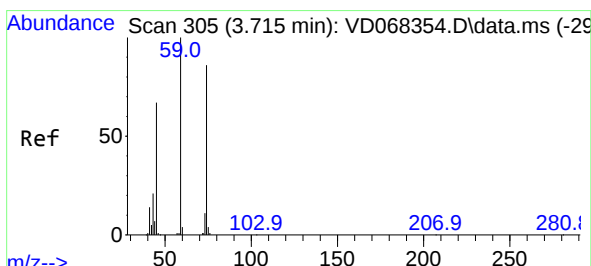
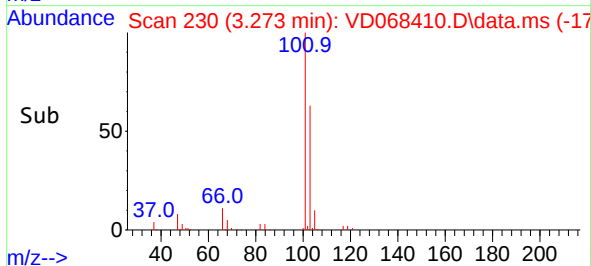
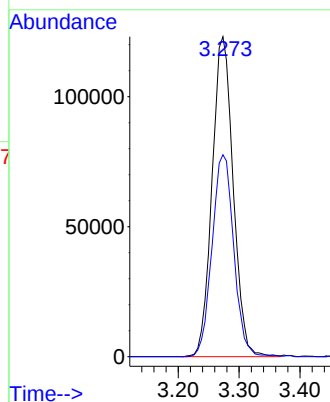
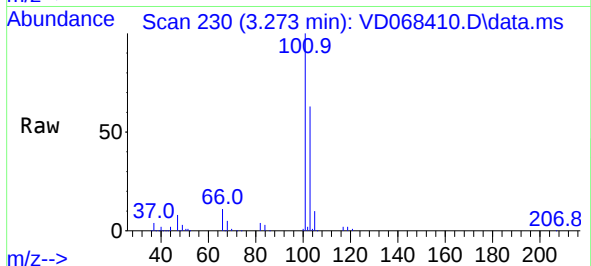




#7  
Trichlorofluoromethane  
Concen: 47.39 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

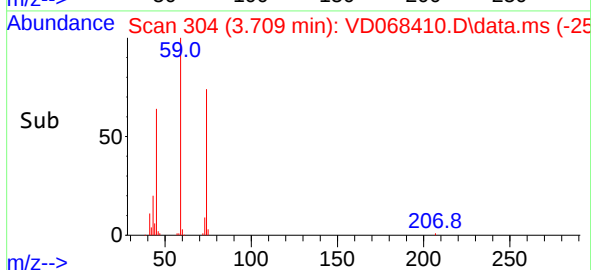
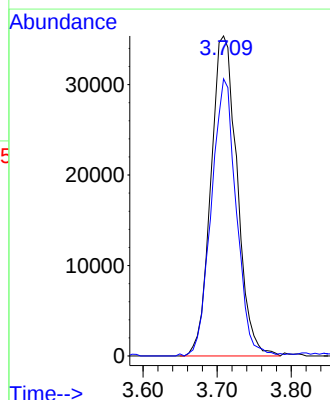
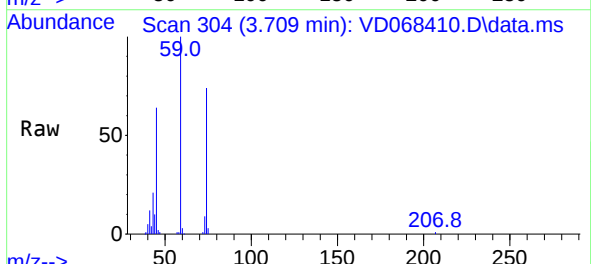
Instrument :  
MSVOA\_D  
ClientSampleId :

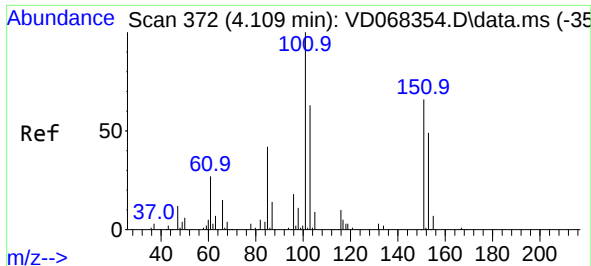
Tgt Ion:101 Resp: 295919  
Ion Ratio Lower Upper  
101 100  
103 63.1 52.0 78.0



#8  
Diethyl Ether  
Concen: 47.34 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 74 Resp: 86816  
Ion Ratio Lower Upper  
74 100  
45 82.6 42.1 126.4

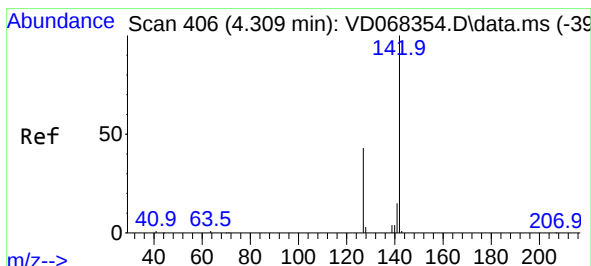
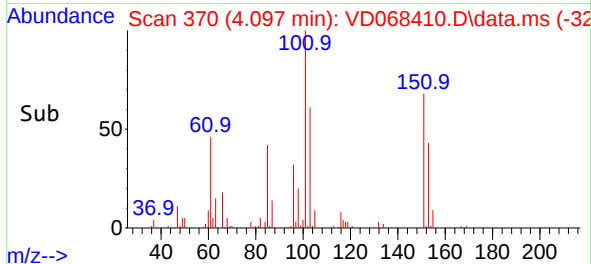
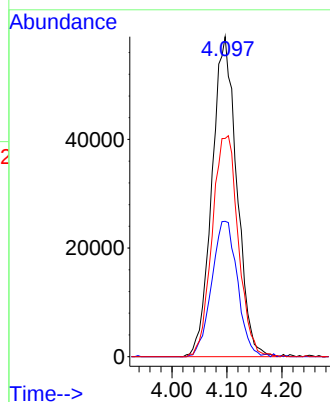
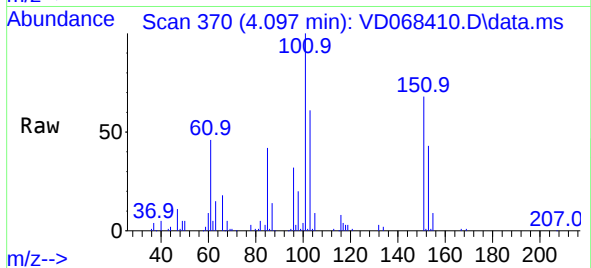




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.74 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. -0.012 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

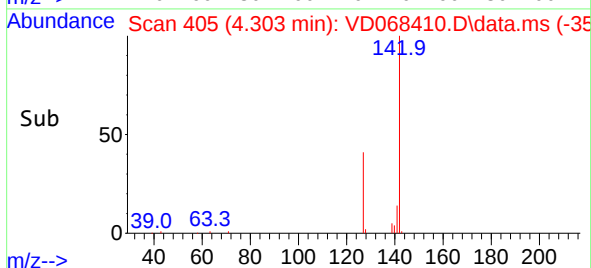
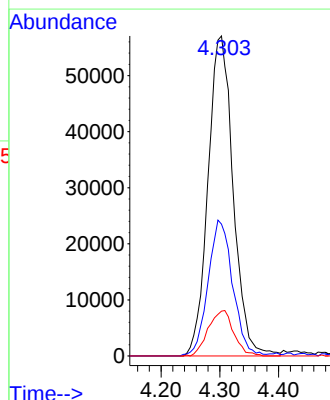
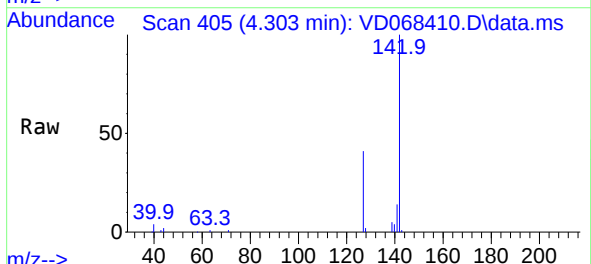
Instrument :  
MSVOA\_D  
ClientSampled :

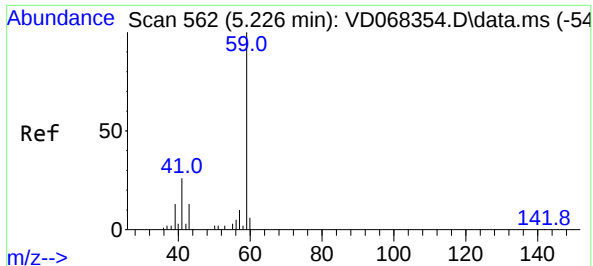
Tgt Ion:101 Resp: 185225  
Ion Ratio Lower Upper  
101 100  
85 43.8 34.0 51.0  
151 72.5 64.1 96.1



#10  
Methyl Iodide  
Concen: 47.56 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion:142 Resp: 169732  
Ion Ratio Lower Upper  
142 100  
127 41.5 37.9 56.9  
141 14.4 11.5 17.3



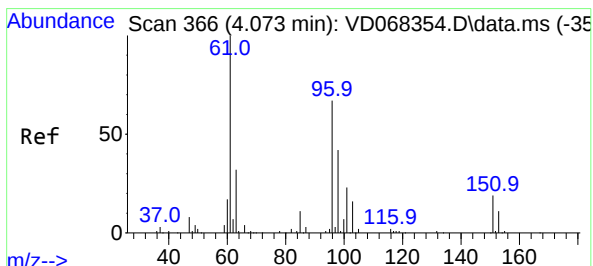
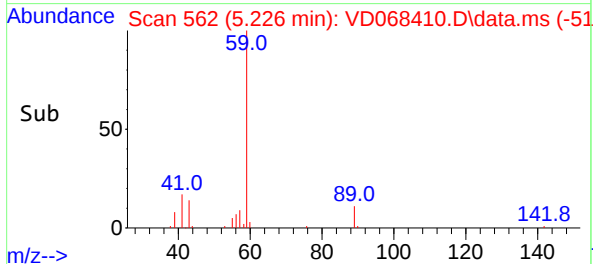
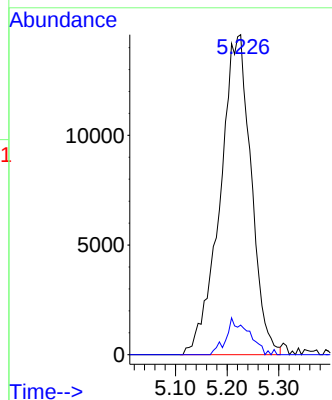
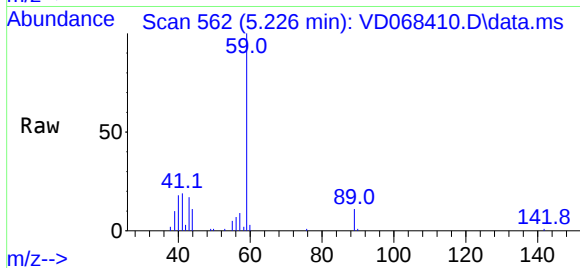


#11

Tert butyl alcohol  
Concen: 306.12 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Instrument :  
MSVOA\_D  
ClientSampleId :

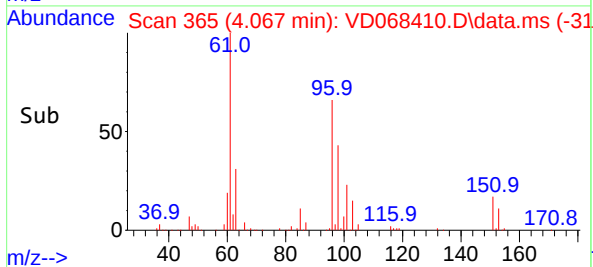
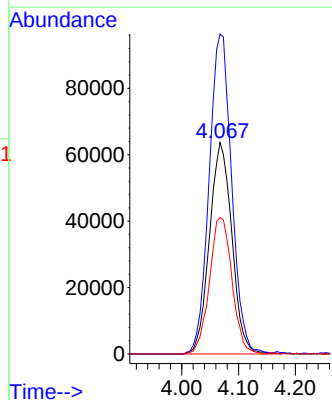
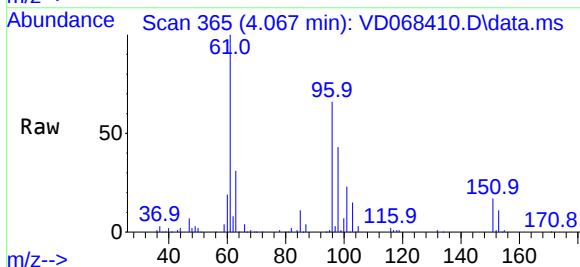
Tgt Ion: 59 Resp: 60947  
Ion Ratio Lower Upper  
59 100  
57 8.3 7.4 11.2

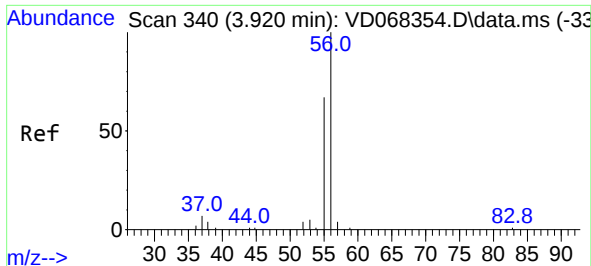


#12

1,1-Dichloroethene  
Concen: 47.26 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 96 Resp: 174587  
Ion Ratio Lower Upper  
96 100  
61 151.3 116.2 174.4  
98 64.6 48.6 73.0

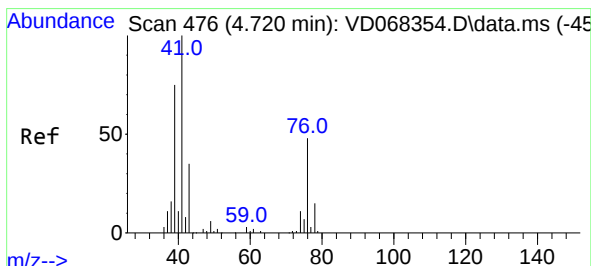
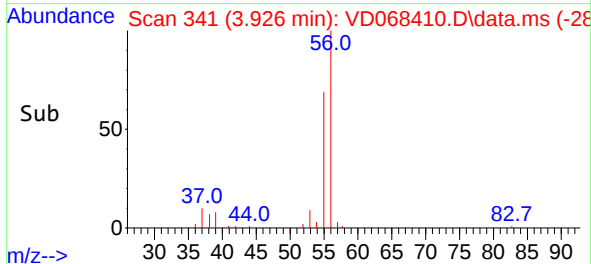
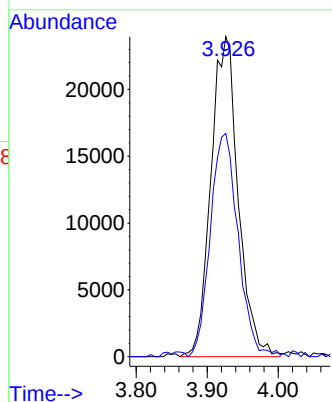
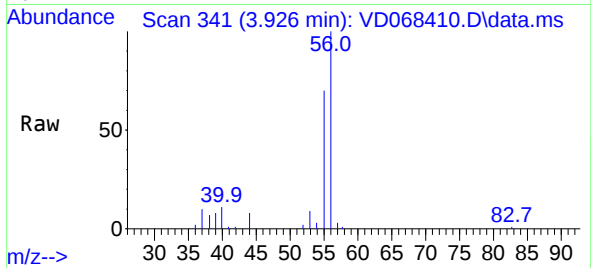




#13  
Acrolein  
Concen: 280.58 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

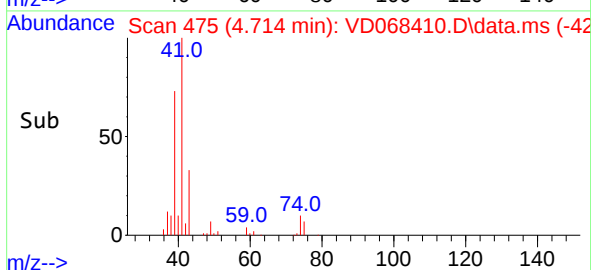
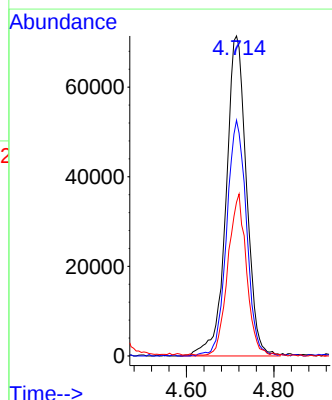
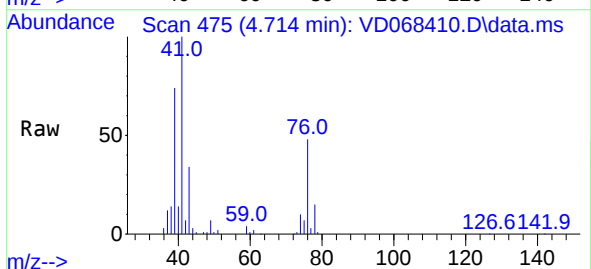
Instrument :  
MSVOA\_D  
ClientSampleId :

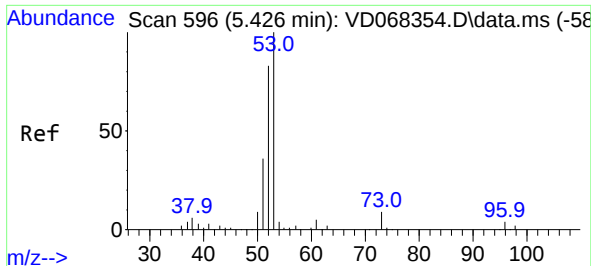
Tgt Ion: 56 Resp: 63878  
Ion Ratio Lower Upper  
56 100  
55 71.1 56.5 84.7



#14  
Allyl chloride  
Concen: 48.34 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 41 Resp: 232194  
Ion Ratio Lower Upper  
41 100  
39 71.3 56.3 84.5  
76 45.4 38.9 58.3

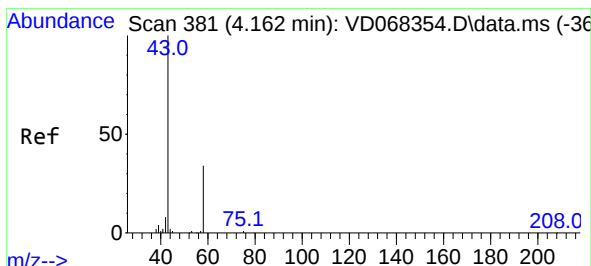
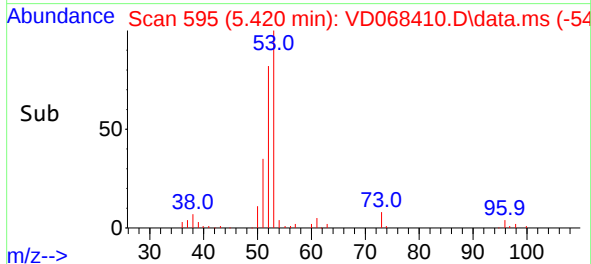
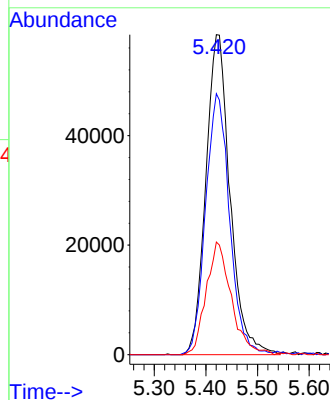
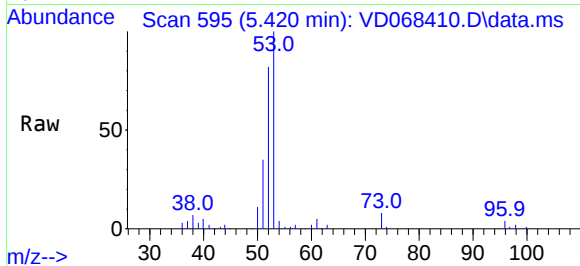




#15  
Acrylonitrile  
Concen: 239.53 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

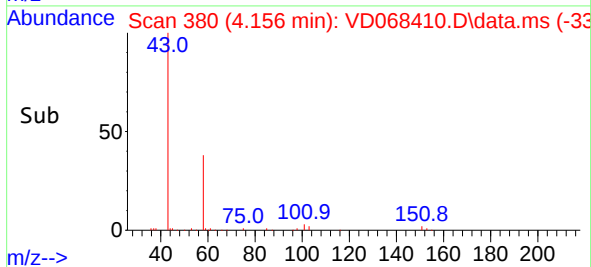
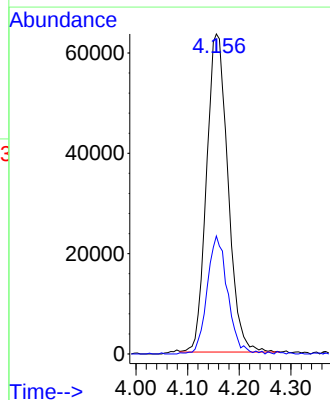
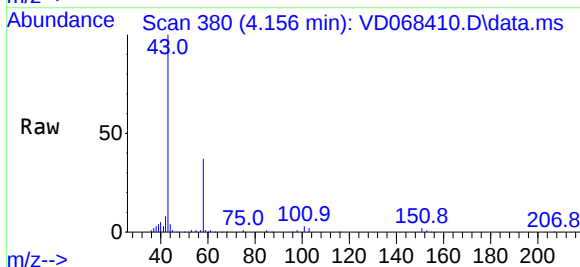
Instrument :  
MSVOA\_D  
ClientSampleId :

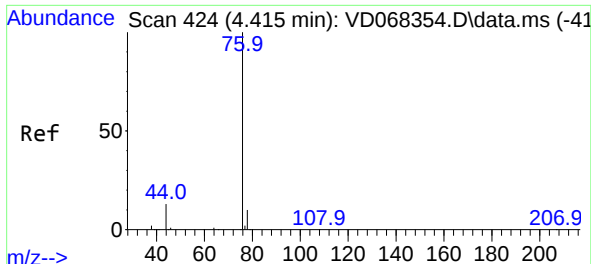
Tgt Ion: 53 Resp: 189594  
Ion Ratio Lower Upper  
53 100  
52 81.1 66.2 99.2  
51 36.6 29.0 43.4



#16  
Acetone  
Concen: 297.68 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 43 Resp: 182384  
Ion Ratio Lower Upper  
43 100  
58 36.7 24.2 36.4#

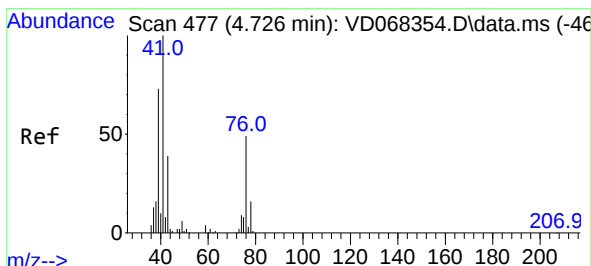
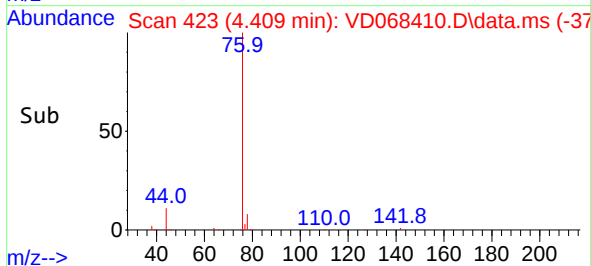
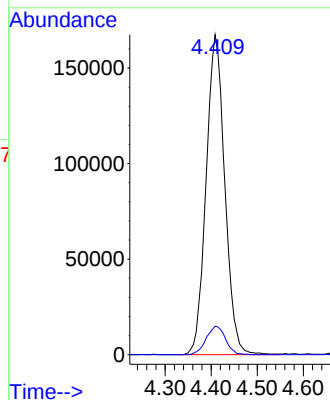
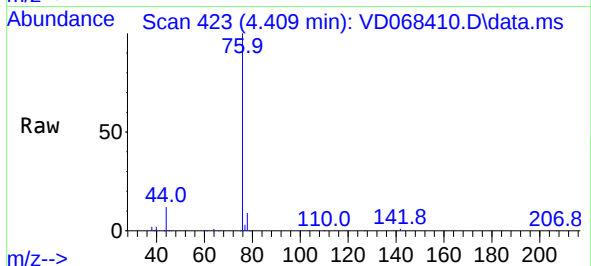




#17  
Carbon Disulfide  
Concen: 44.24 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

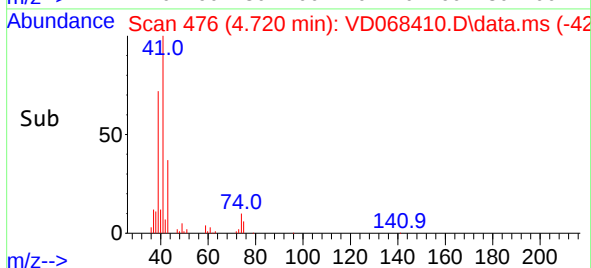
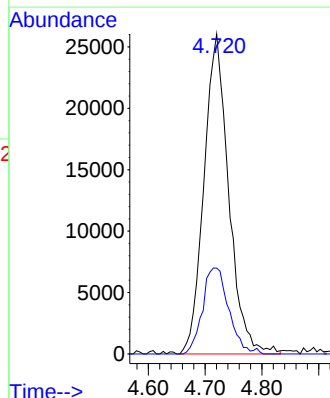
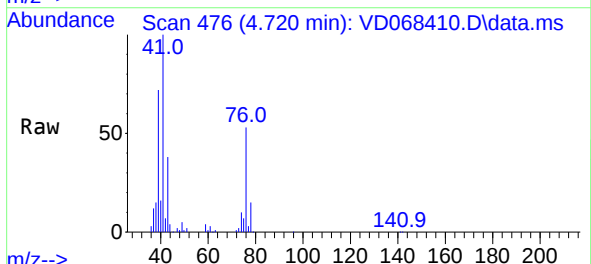
Instrument :  
MSVOA\_D  
ClientSampleId :

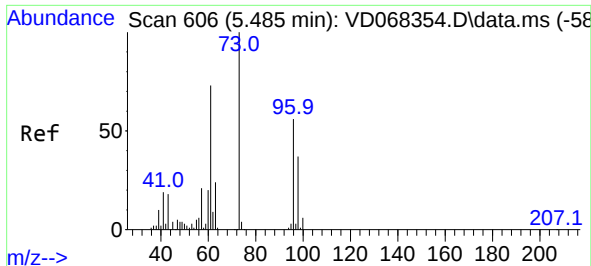
Tgt Ion: 76 Resp: 473343  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.3 10.9



#18  
Methyl Acetate  
Concen: 46.84 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 43 Resp: 78758  
Ion Ratio Lower Upper  
43 100  
74 28.5 25.4 38.0

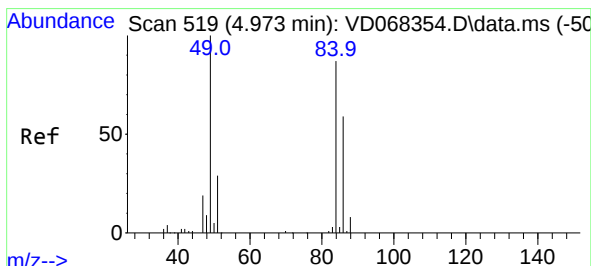
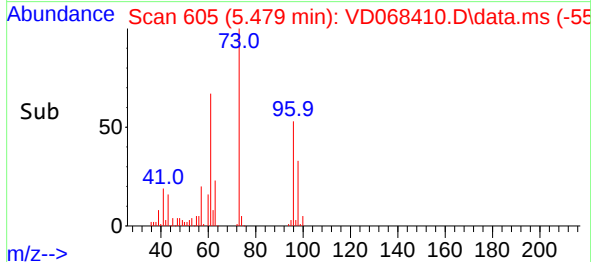
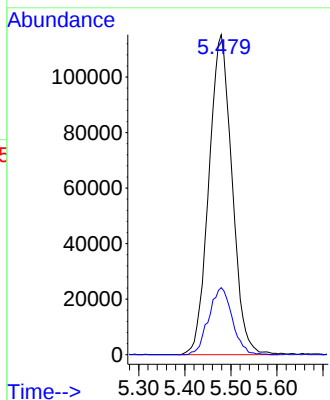
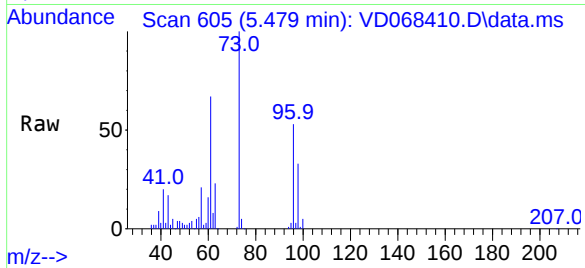




#19  
Methyl tert-butyl Ether  
Concen: 48.27 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

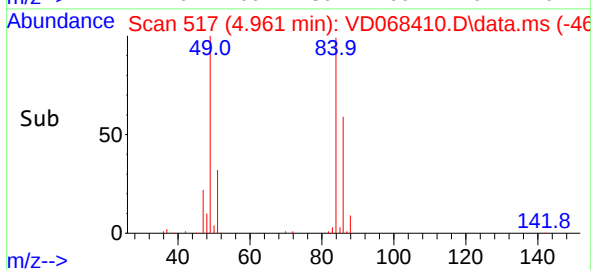
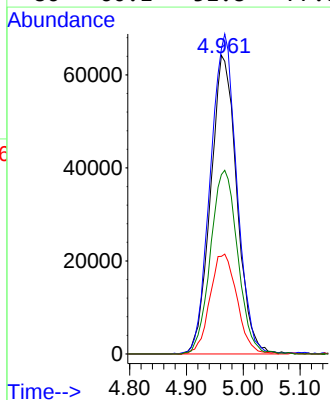
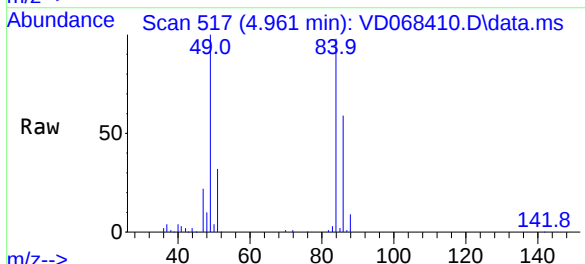
Instrument :  
MSVOA\_D  
ClientSampleId :

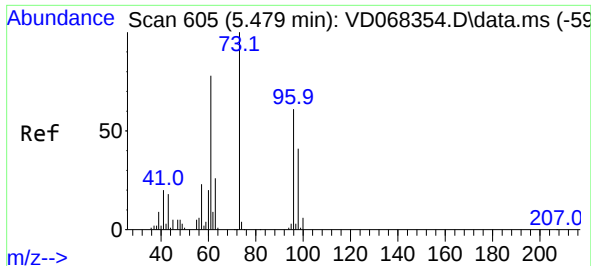
Tgt Ion: 73 Resp: 402364  
Ion Ratio Lower Upper  
73 100  
57 20.9 14.4 21.6



#20  
Methylene Chloride  
Concen: 48.27 ug/l  
RT: 4.961 min Scan# 517  
Delta R.T. -0.012 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 84 Resp: 205966  
Ion Ratio Lower Upper  
84 100  
49 102.2 77.4 116.2  
51 32.7 26.1 39.1  
86 60.1 51.8 77.8

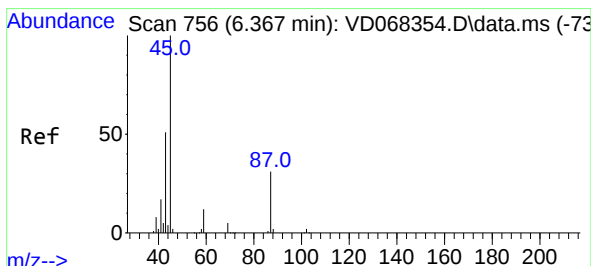
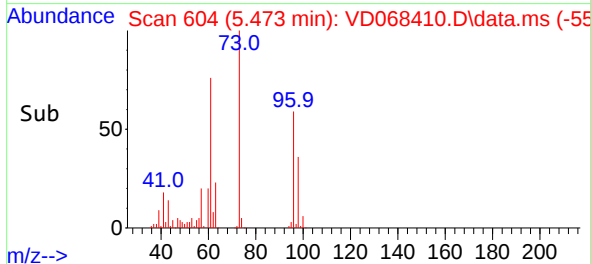
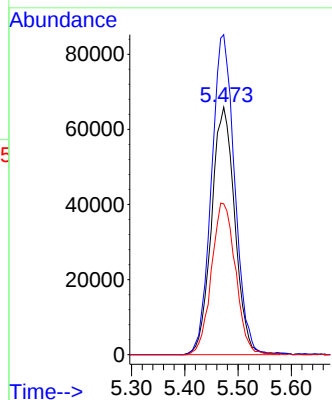
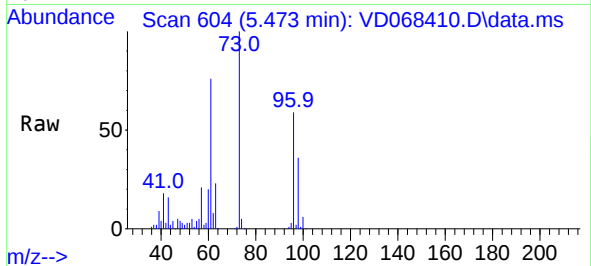




#21  
trans-1,2-Dichloroethene  
Concen: 46.90 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

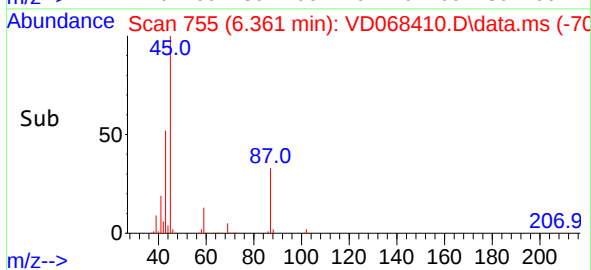
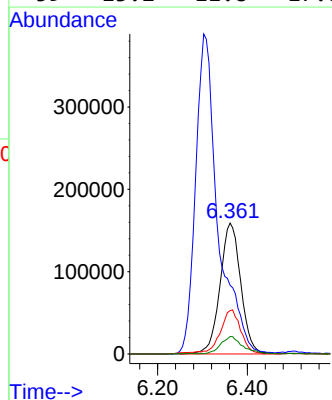
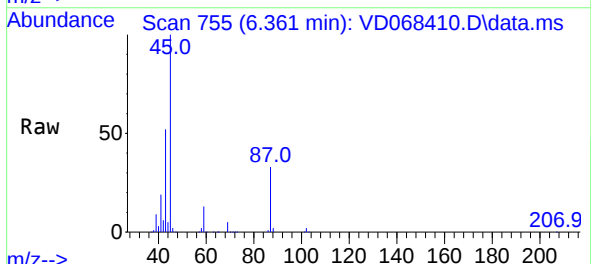
Instrument :  
MSVOA\_D  
ClientSampleId :

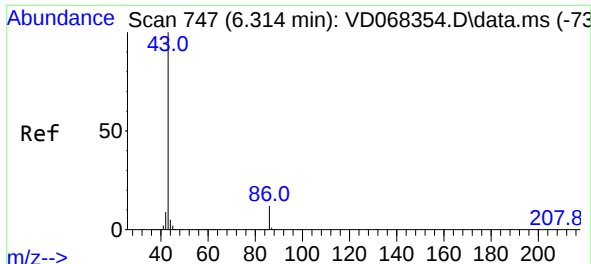
Tgt Ion: 96 Resp: 200542  
Ion Ratio Lower Upper  
96 100  
61 129.3 96.7 145.1  
98 61.0 47.6 71.4



#22  
Diisopropyl ether  
Concen: 48.12 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 45 Resp: 511475  
Ion Ratio Lower Upper  
45 100  
43 51.2 43.9 65.9  
87 33.0 29.9 44.9  
59 13.2 11.8 17.8

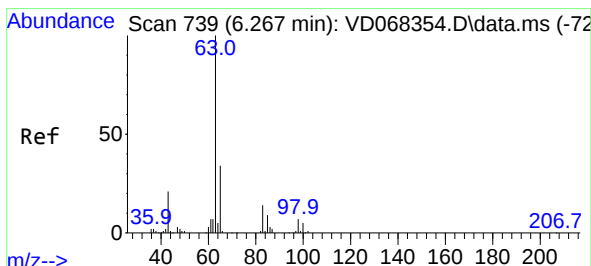
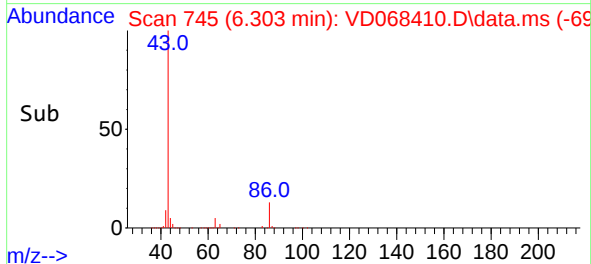
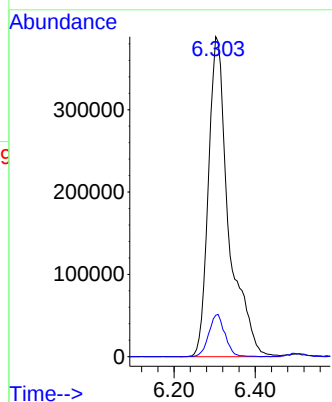
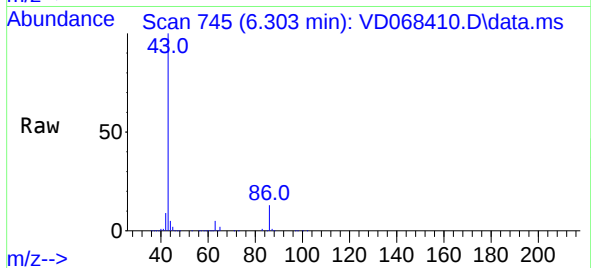




#23  
 Vinyl Acetate  
 Concen: 245.86 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.012 min  
 Lab File: VD068410.D  
 Acq: 22 Feb 2021 09:54

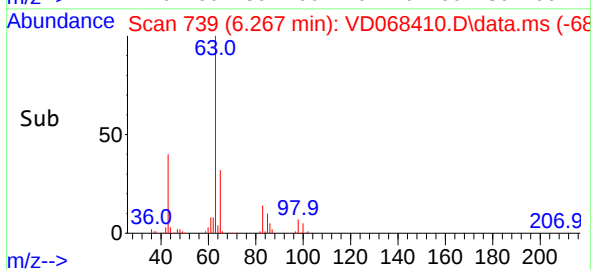
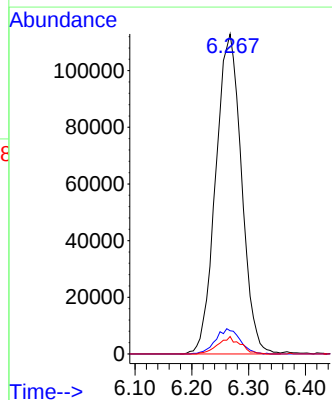
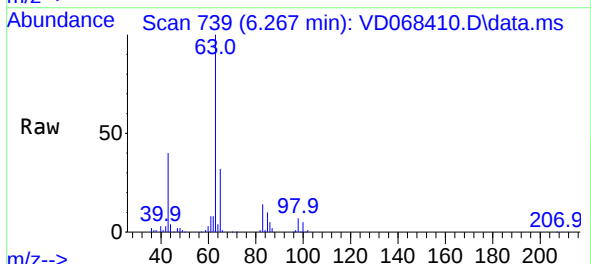
Instrument :  
 MSVOA\_D  
 ClientSampled :

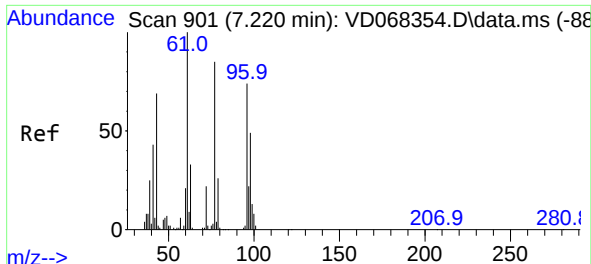
Tgt Ion: 43 Resp: 1349422  
 Ion Ratio Lower Upper  
 43 100  
 86 13.0 10.8 16.2



#24  
 1,1-Dichloroethane  
 Concen: 48.94 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. -0.000 min  
 Lab File: VD068410.D  
 Acq: 22 Feb 2021 09:54

Tgt Ion: 63 Resp: 355987  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.8 11.4  
 100 5.5 2.6 8.0

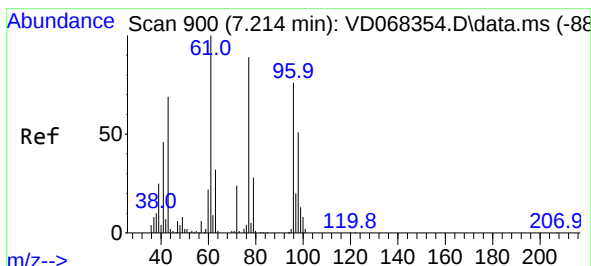
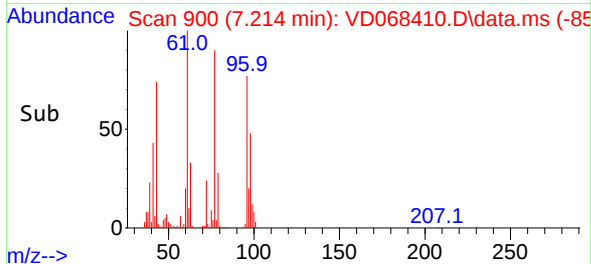
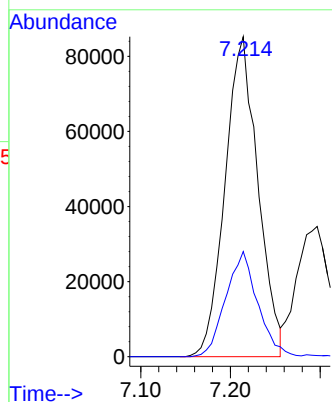
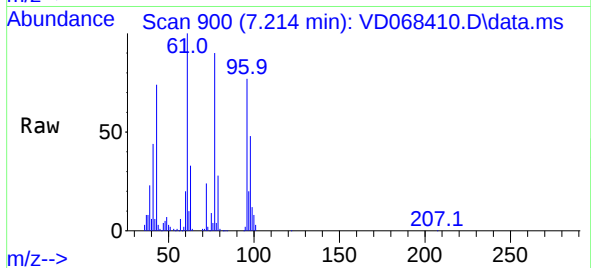




#25  
2-Butanone  
Concen: 253.19 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

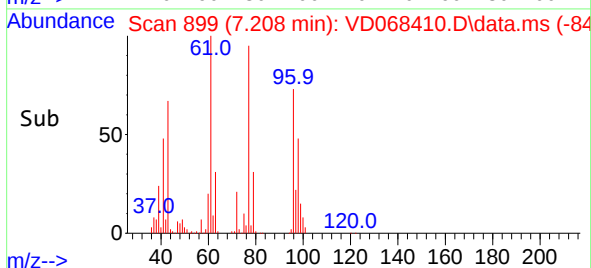
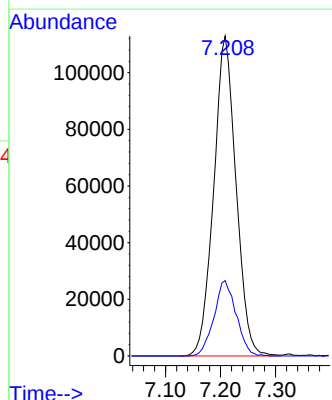
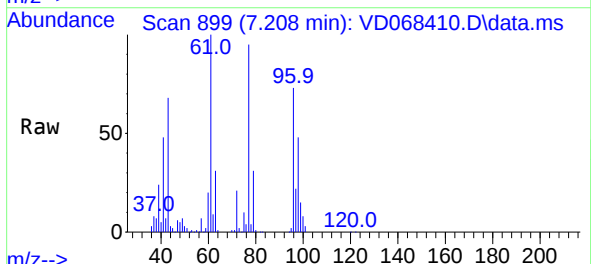
Instrument :  
MSVOA\_D  
ClientSampleId :

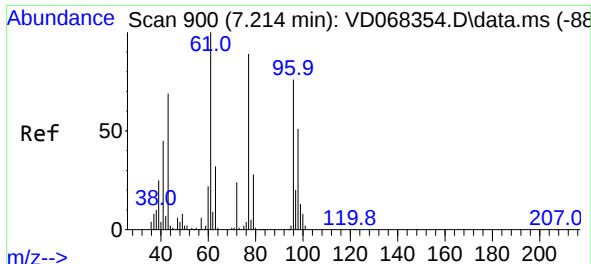
Tgt Ion: 43 Resp: 216899  
Ion Ratio Lower Upper  
43 100  
72 32.8 25.1 37.7



#26  
2,2-Dichloropropane  
Concen: 51.14 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

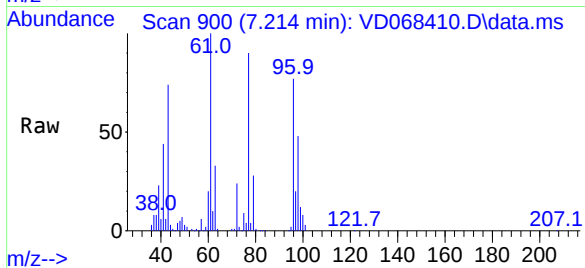
Tgt Ion: 77 Resp: 318158  
Ion Ratio Lower Upper  
77 100  
97 23.4 11.7 35.1



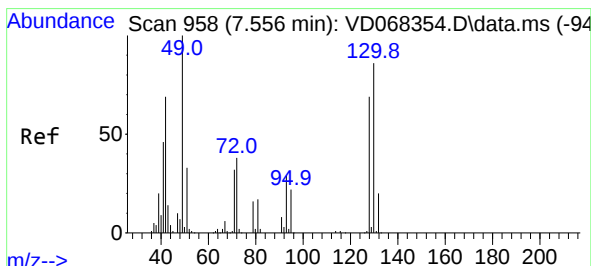
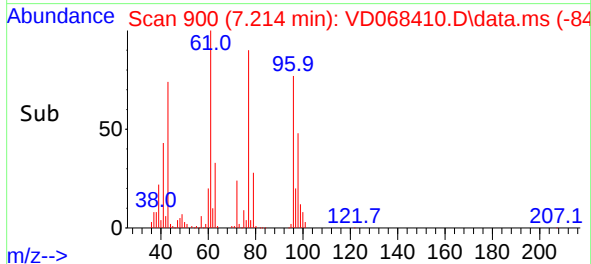
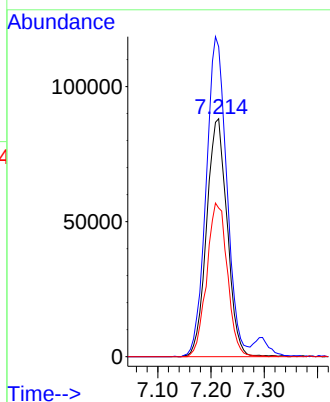


#27  
cis-1,2-Dichloroethene  
Concen: 48.62 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Instrument :  
MSVOA\_D  
ClientSampleId :

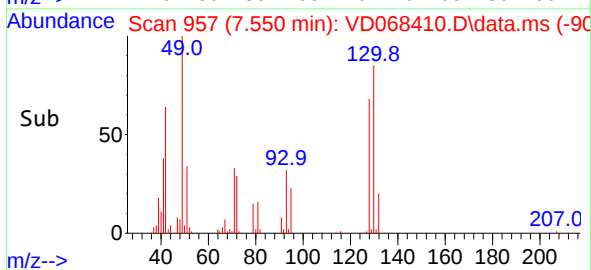
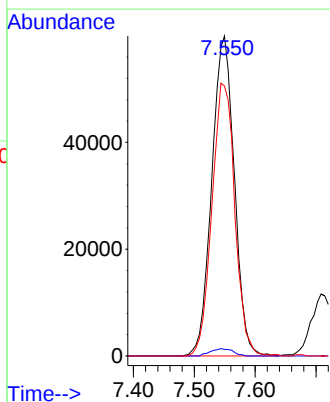
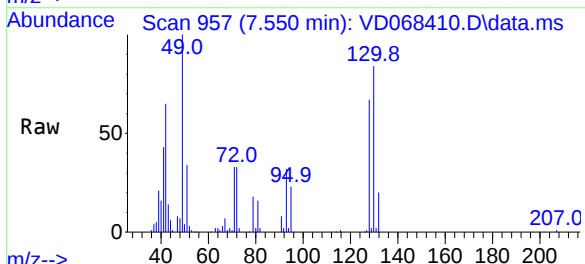


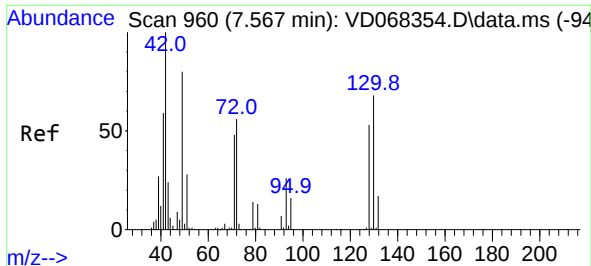
Tgt Ion: 96 Resp: 236328  
Ion Ratio Lower Upper  
96 100  
61 135.2 0.0 257.4  
98 64.7 0.0 126.6



#28  
Bromochloromethane  
Concen: 51.10 ug/l  
RT: 7.550 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 49 Resp: 154147  
Ion Ratio Lower Upper  
49 100  
129 2.3 0.0 4.8  
130 86.6 85.5 128.3





#29

Tetrahydrofuran

Concen: 235.05 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD068410.D

Acq: 22 Feb 2021 09:54

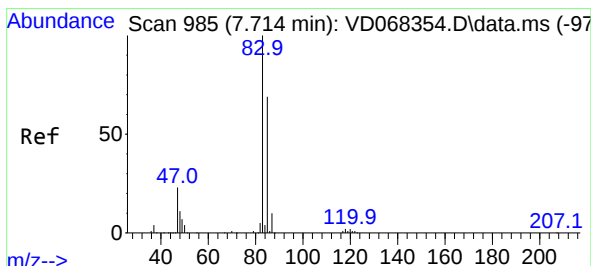
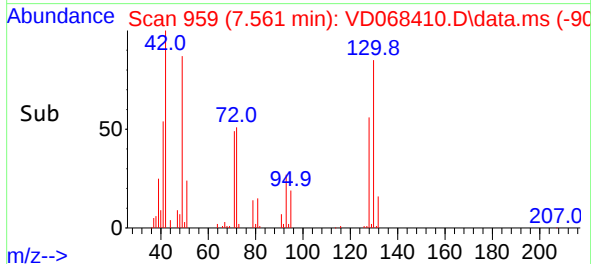
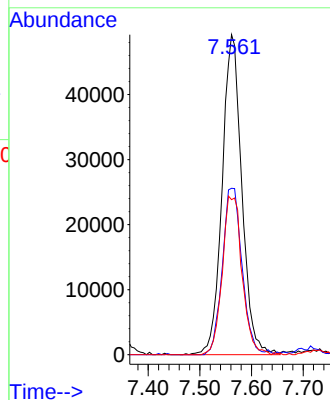
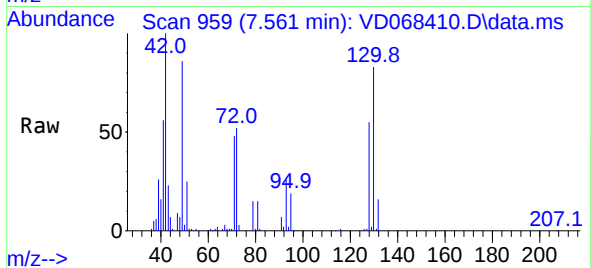
Tgt Ion: 42 Resp: 130246

Ion Ratio Lower Upper

42 100

72 52.0 43.4 65.0

71 49.7 40.8 61.2



#30

Chloroform

Concen: 49.31 ug/l

RT: 7.714 min Scan# 985

Delta R.T. -0.000 min

Lab File: VD068410.D

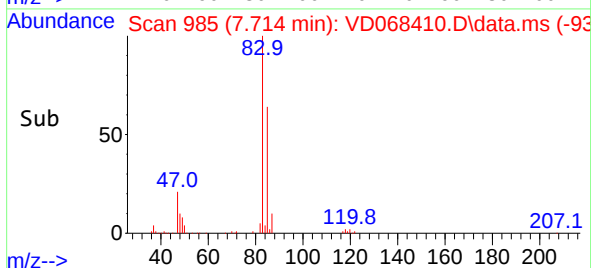
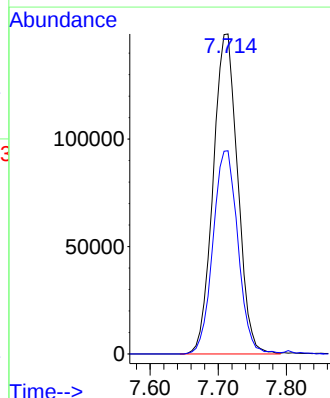
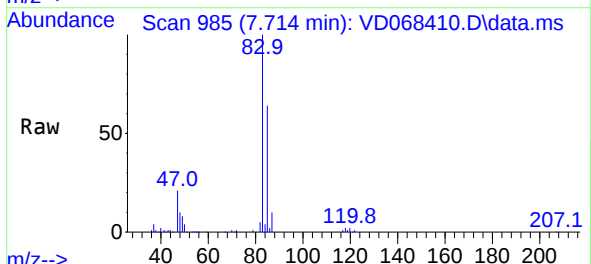
Acq: 22 Feb 2021 09:54

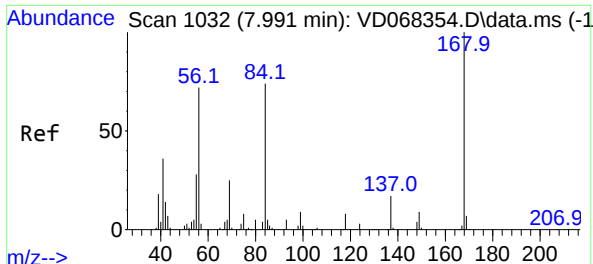
Tgt Ion: 83 Resp: 373049

Ion Ratio Lower Upper

83 100

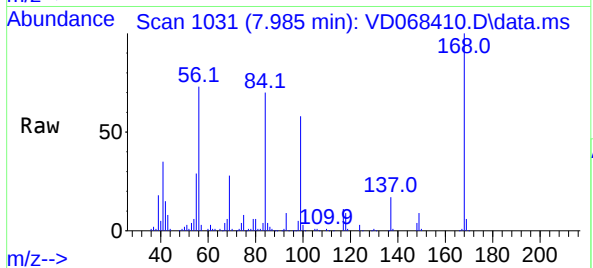
85 63.5 53.4 80.0



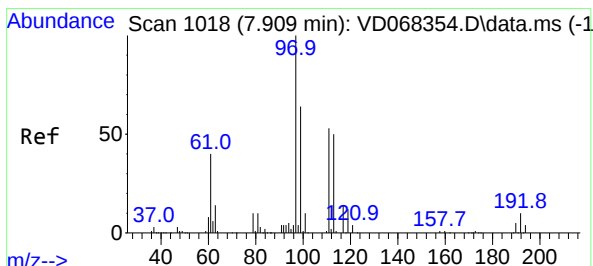
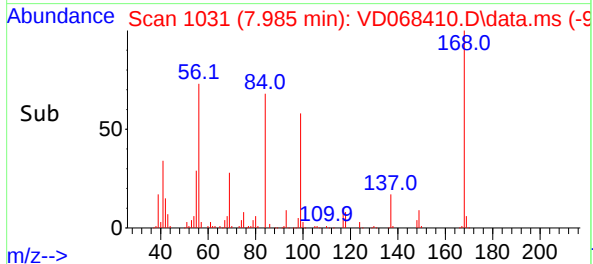
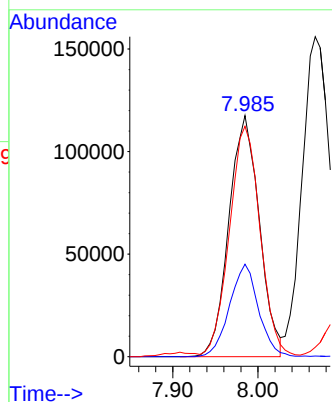


#31  
Cyclohexane  
Concen: 49.39 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Instrument :  
MSVOA\_D  
ClientSampled :

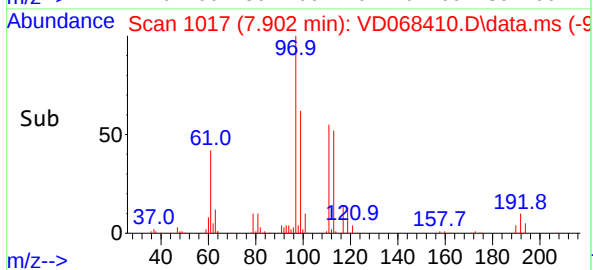
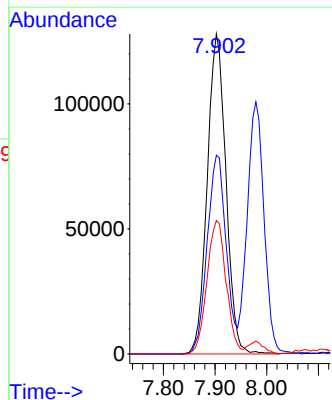
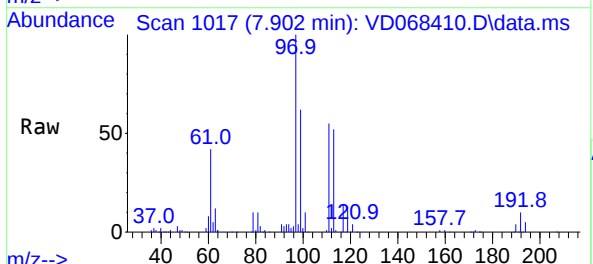


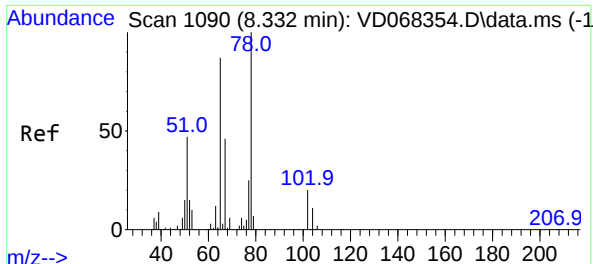
Tgt Ion: 56 Resp: 292002  
Ion Ratio Lower Upper  
56 100  
69 38.3 30.1 45.1  
84 93.7 82.1 123.1



#32  
1,1,1-Trichloroethane  
Concen: 49.23 ug/l  
RT: 7.902 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 97 Resp: 321811  
Ion Ratio Lower Upper  
97 100  
99 63.5 52.1 78.1  
61 42.9 30.1 45.1

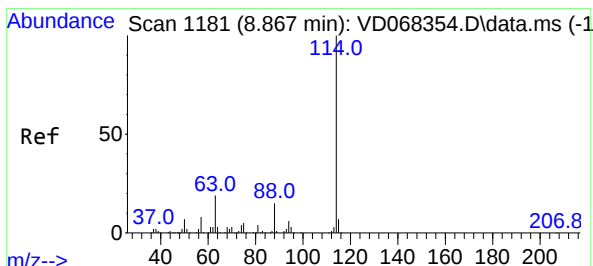
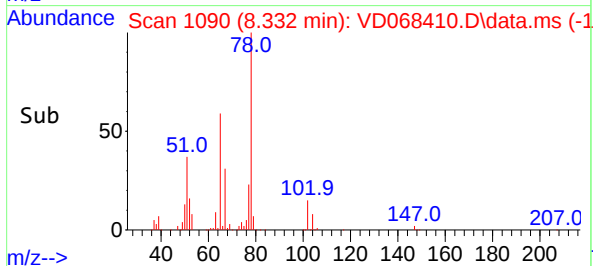
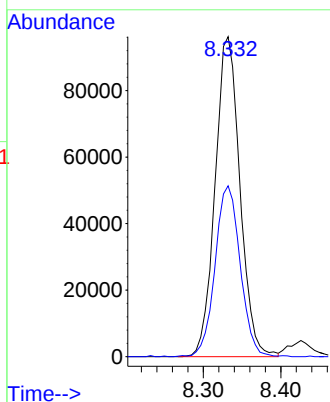
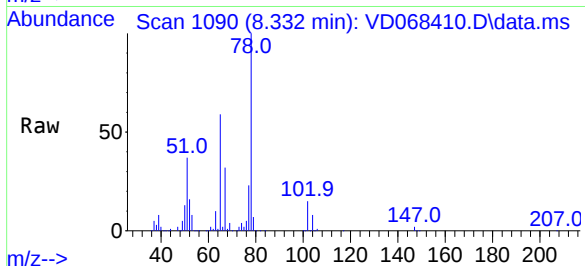




#33  
1,2-Dichloroethane-d4  
Concen: 53.96 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

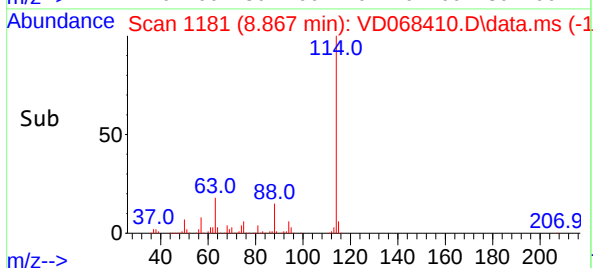
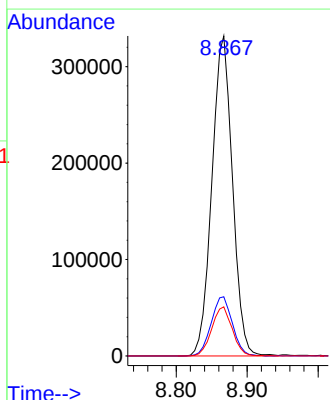
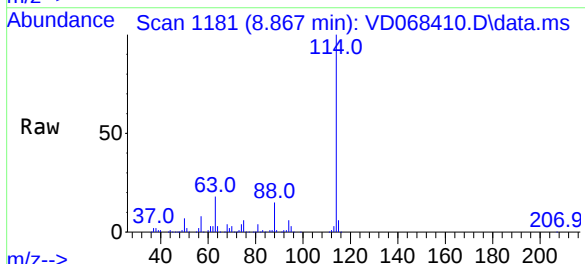
Instrument :  
MSVOA\_D  
ClientSampleId :

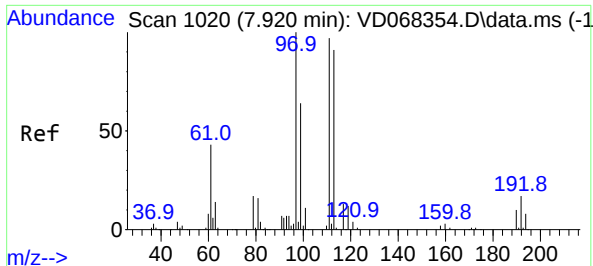
Tgt Ion: 65 Resp: 214274  
Ion Ratio Lower Upper  
65 100  
67 54.1 0.0 105.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 114 Resp: 665701  
Ion Ratio Lower Upper  
114 100  
63 18.5 0.0 34.8  
88 15.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 57.32 ug/l

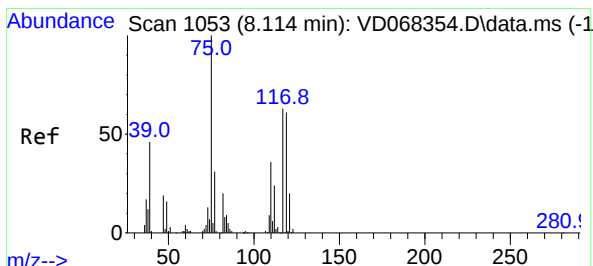
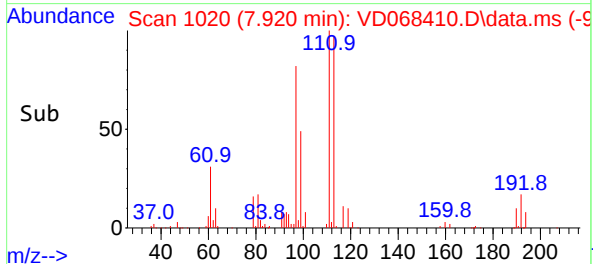
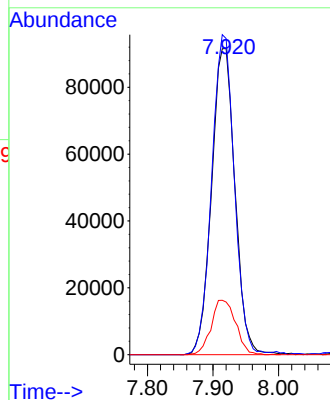
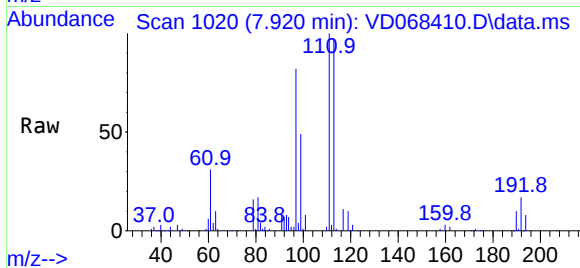
RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068410.D

Acq: 22 Feb 2021 09:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 226501 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 101.3 | 81.4  | 122.0  |
| 192      | 18.6  | 16.1  | 24.1   |



#36

1,1-Dichloropropene

Concen: 47.28 ug/l

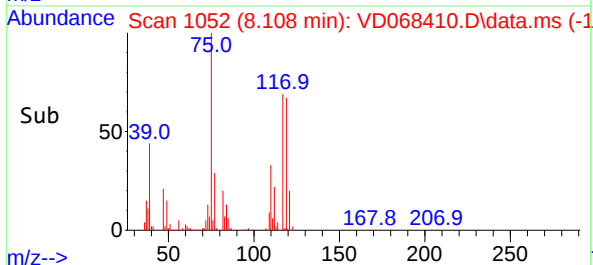
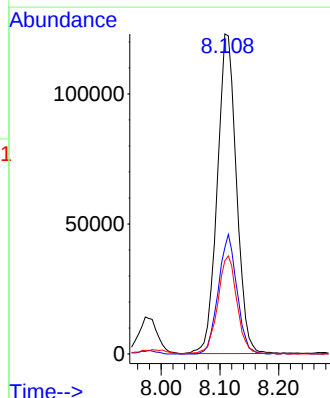
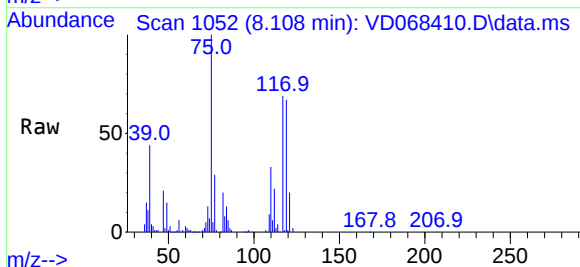
RT: 8.108 min Scan# 1052

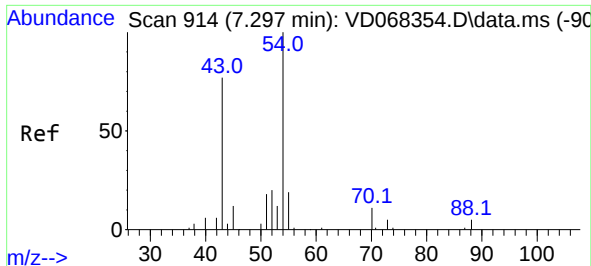
Delta R.T. -0.006 min

Lab File: VD068410.D

Acq: 22 Feb 2021 09:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 278452 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 36.2  | 19.4  | 58.2   |
| 77       | 30.8  | 25.3  | 37.9   |

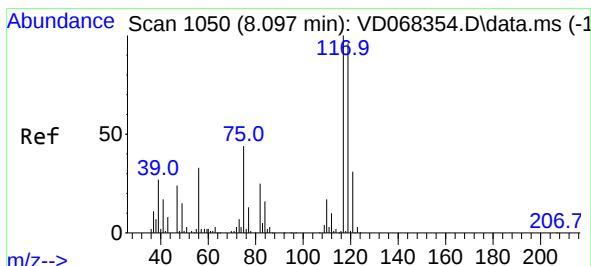
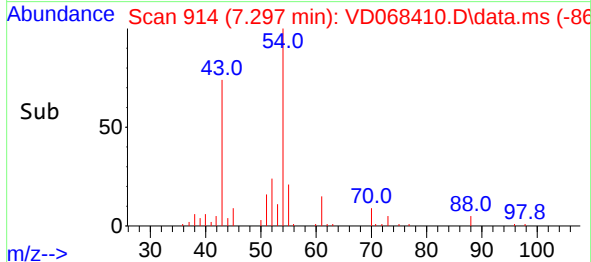
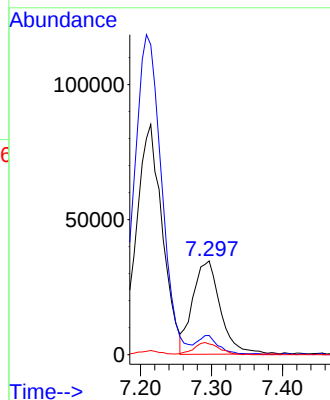
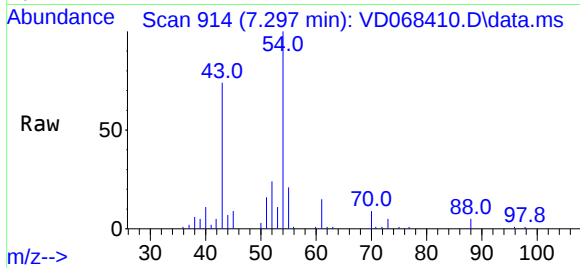




#37  
Ethyl Acetate  
Concen: 46.96 ug/l  
RT: 7.297 min Scan# 914  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

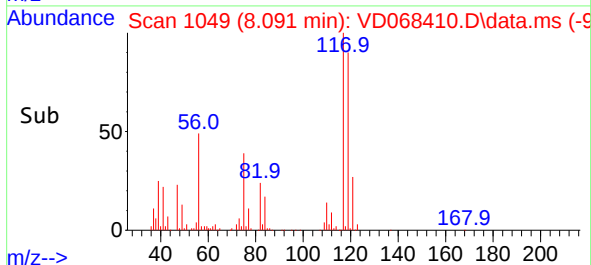
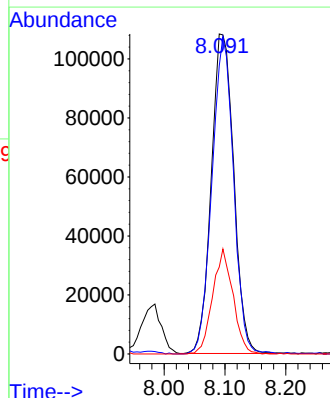
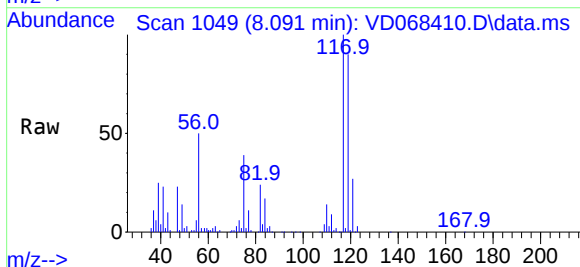
Instrument :  
MSVOA\_D  
ClientSampleId :

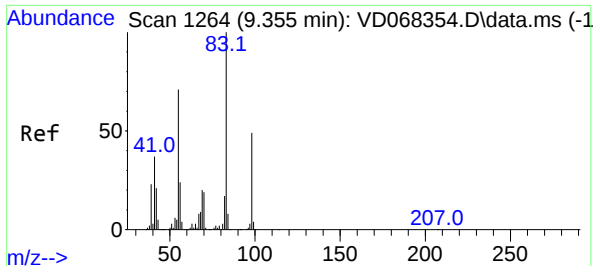
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 93451 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.8  | 12.9  | 19.3  |
| 70       | 11.8  | 11.0  | 16.6  |



#38  
Carbon Tetrachloride  
Concen: 49.40 ug/l  
RT: 8.091 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 277506 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 90.1  | 77.3  | 115.9  |
| 121      | 27.2  | 24.7  | 37.1   |





#39

Methylcyclohexane

Concen: 47.38 ug/l

RT: 9.355 min Scan# 1264

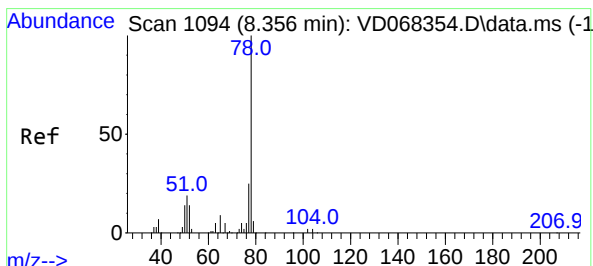
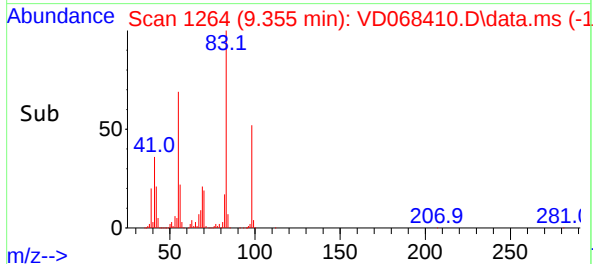
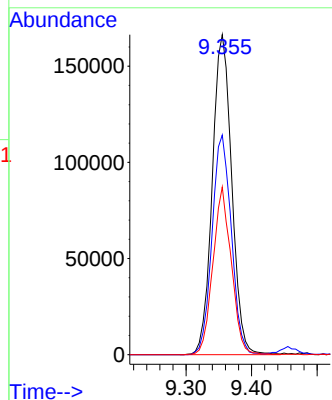
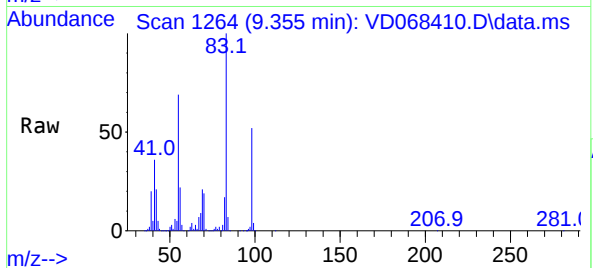
Delta R.T. -0.000 min

Lab File: VD068410.D

Acq: 22 Feb 2021 09:54

Tgt Ion: 83 Resp: 342277

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 68.6  | 55.2  | 82.8  |
| 98  | 52.4  | 39.1  | 58.7  |



#40

Benzene

Concen: 48.51 ug/l

RT: 8.349 min Scan# 1093

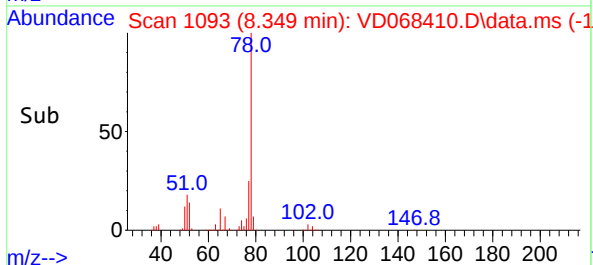
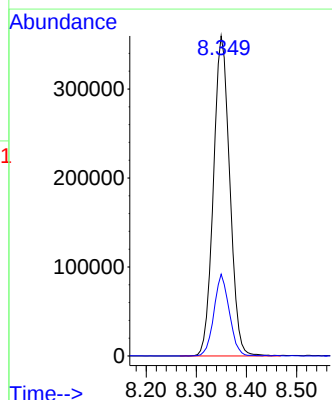
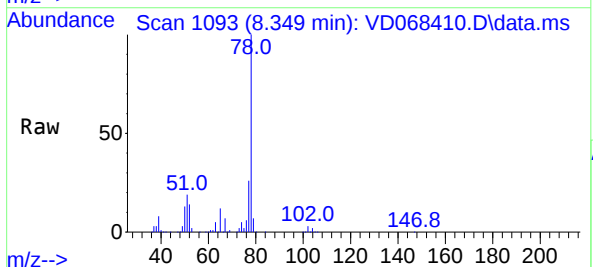
Delta R.T. -0.006 min

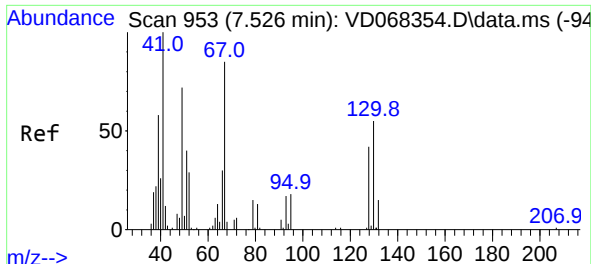
Lab File: VD068410.D

Acq: 22 Feb 2021 09:54

Tgt Ion: 78 Resp: 814779

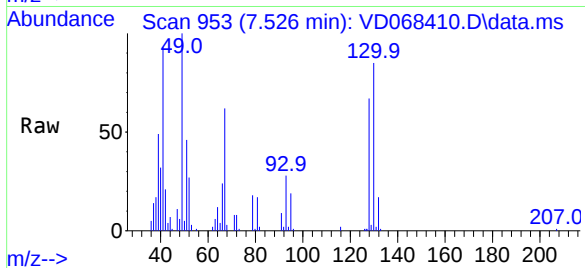
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 25.5  | 17.8  | 26.6  |



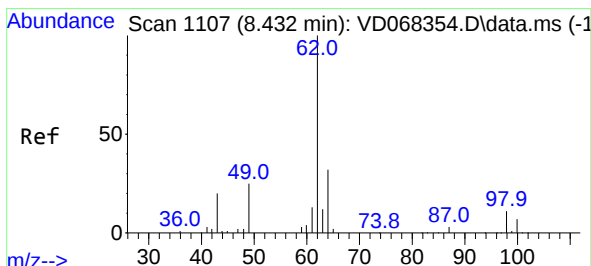
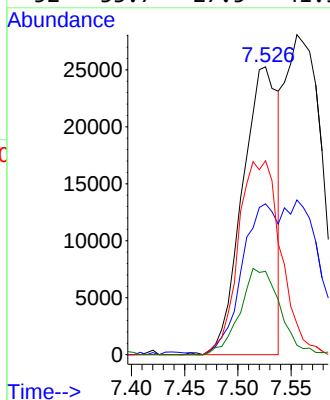
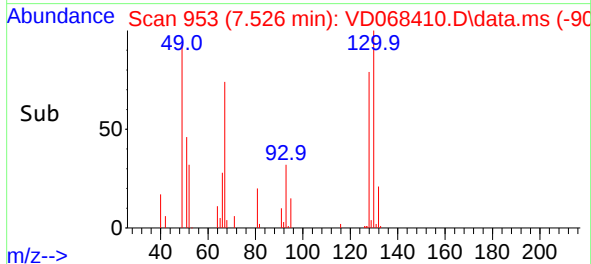


#41  
Methacrylonitrile  
Concen: 51.16 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

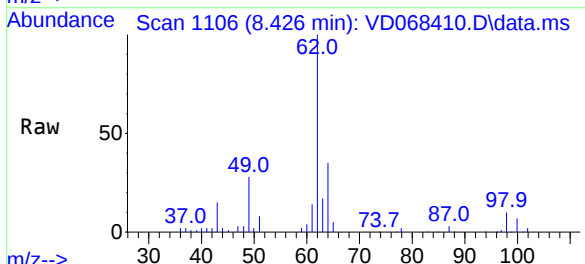
Instrument :  
MSVOA\_D  
ClientSampleId :



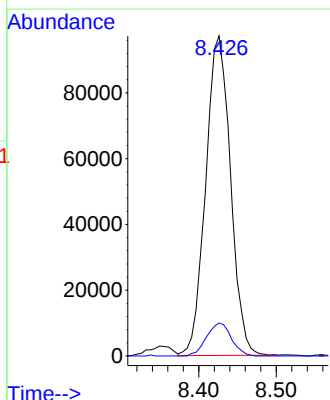
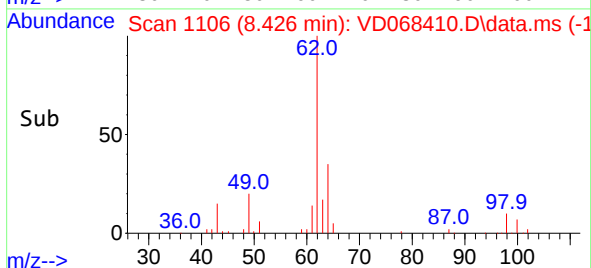
Tgt Ion: 41 Resp: 58602  
Ion Ratio Lower Upper  
41 100  
39 52.8 45.2 67.8  
67 80.5 67.4 101.2  
52 33.7 27.5 41.3

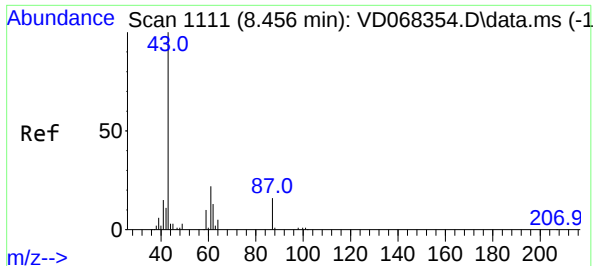


#42  
1,2-Dichloroethane  
Concen: 48.41 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54



Tgt Ion: 62 Resp: 216930  
Ion Ratio Lower Upper  
62 100  
98 10.3 0.0 21.8



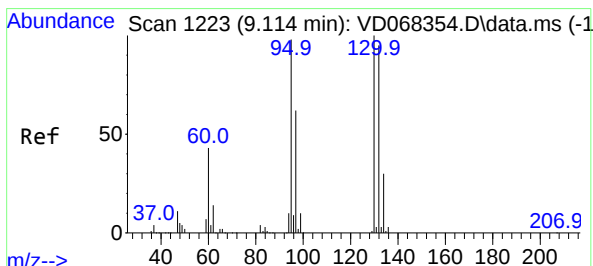
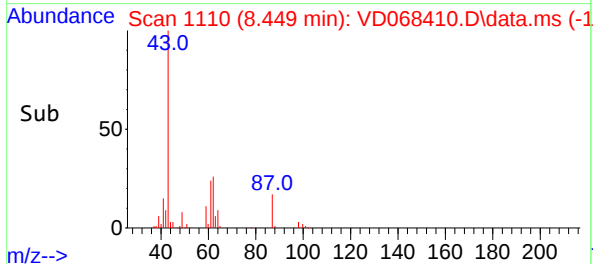
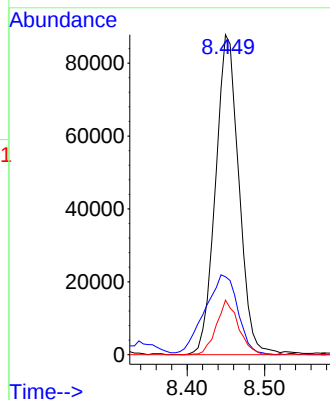
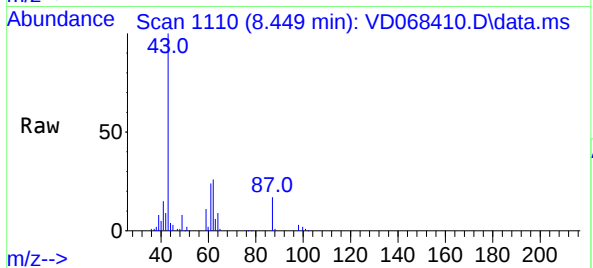


#43

Isopropyl Acetate  
Concen: 48.29 ug/l  
RT: 8.449 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Instrument :  
MSVOA\_D  
ClientSampleId :

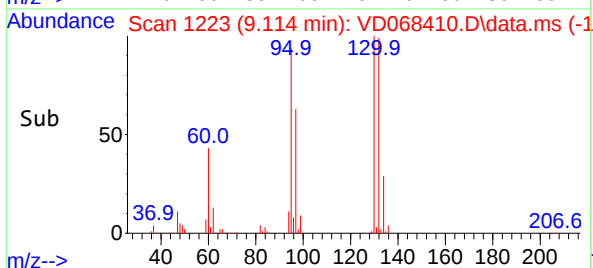
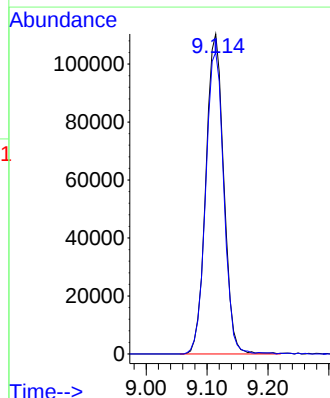
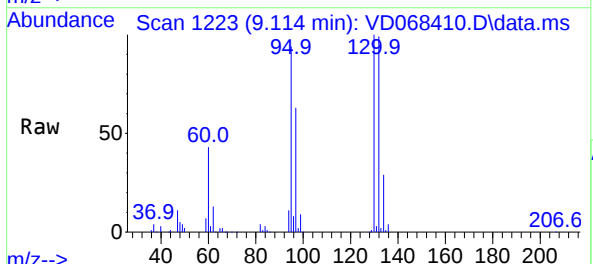
Tgt Ion: 43 Resp: 184024  
Ion Ratio Lower Upper  
43 100  
61 35.4 28.7 43.1  
87 16.1 13.9 20.9

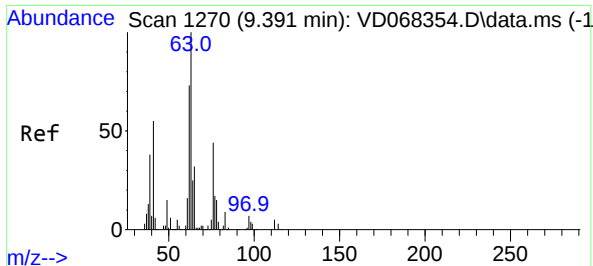


#44

Trichloroethene  
Concen: 49.29 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion:130 Resp: 225316  
Ion Ratio Lower Upper  
130 100  
95 94.3 0.0 191.2

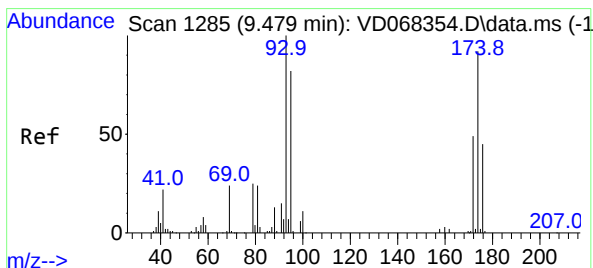
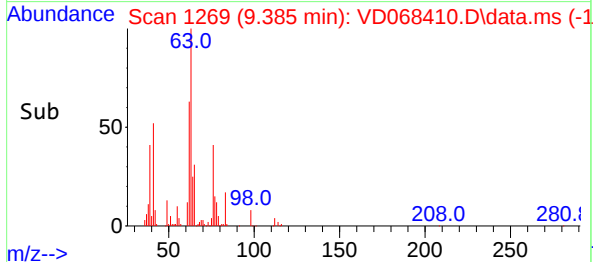
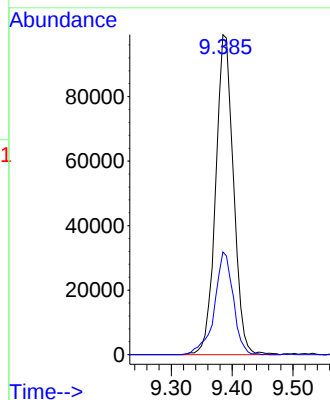
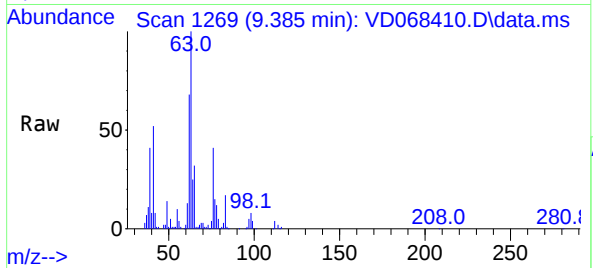




#45  
1,2-Dichloropropane  
Concen: 49.19 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

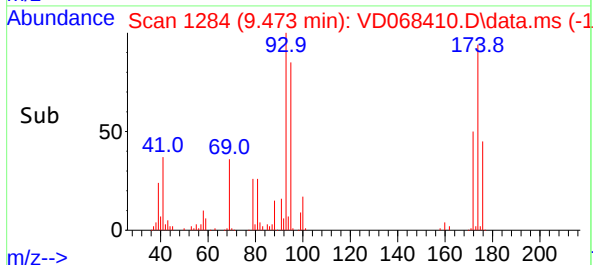
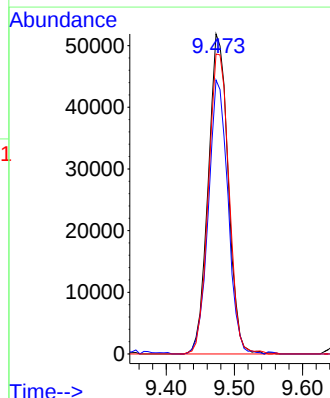
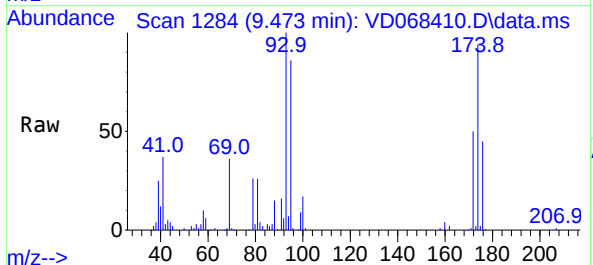
Instrument :  
MSVOA\_D  
ClientSampled :

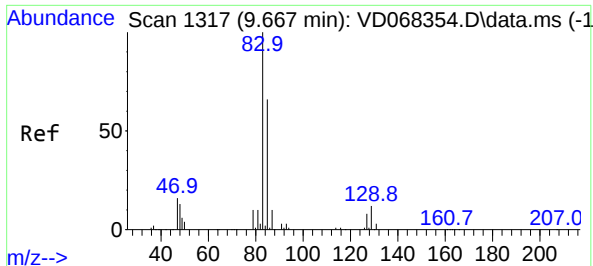
Tgt Ion: 63 Resp: 201638  
Ion Ratio Lower Upper  
63 100  
65 32.1 26.6 40.0



#46  
Dibromomethane  
Concen: 47.45 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 93 Resp: 105511  
Ion Ratio Lower Upper  
93 100  
95 84.0 67.3 100.9  
174 96.5 84.6 127.0



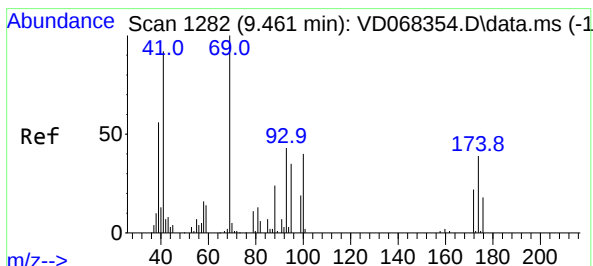
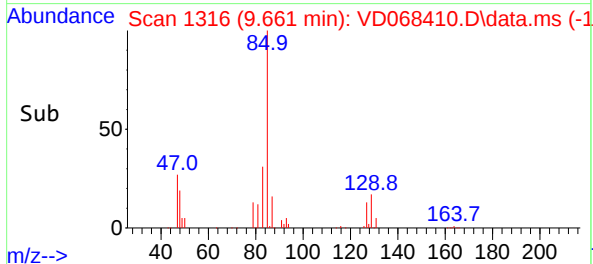
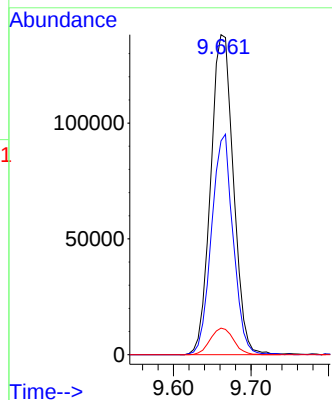
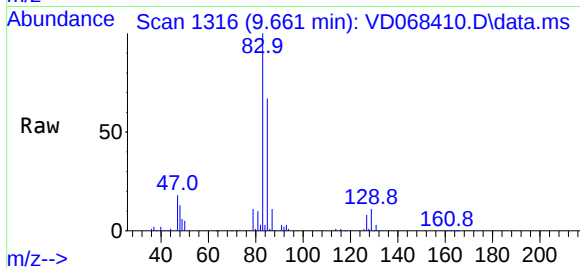


#47

Bromodichloromethane  
 Concen: 48.86 ug/l  
 RT: 9.661 min Scan# 1316  
 Delta R.T. -0.006 min  
 Lab File: VD068410.D  
 Acq: 22 Feb 2021 09:54

Instrument :  
 MSVOA\_D  
 ClientSampleId :

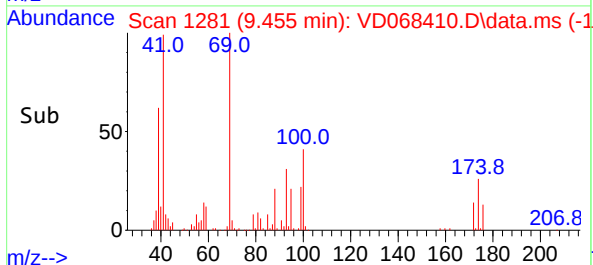
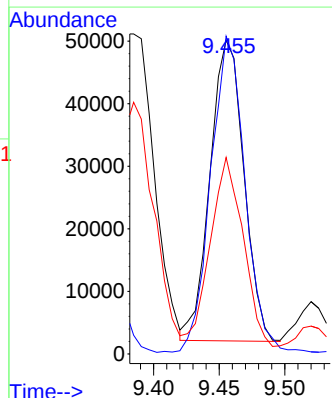
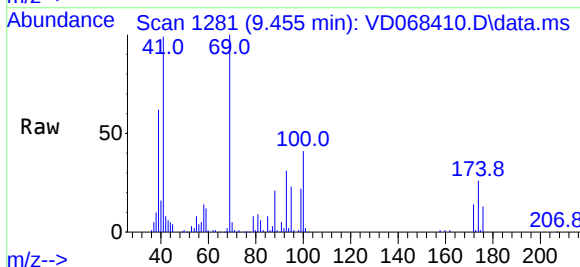
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 281689 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 66.8  | 51.6  | 77.4   |
| 127      | 8.3   | 7.4   | 11.0   |

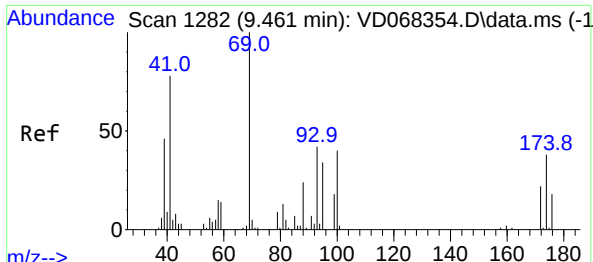


#48

Methyl methacrylate  
 Concen: 45.28 ug/l  
 RT: 9.455 min Scan# 1281  
 Delta R.T. -0.006 min  
 Lab File: VD068410.D  
 Acq: 22 Feb 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 86108 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 106.7 | 77.1  | 115.7 |
| 39       | 67.1  | 41.5  | 62.3  |

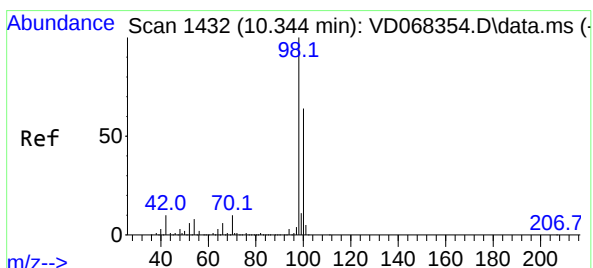
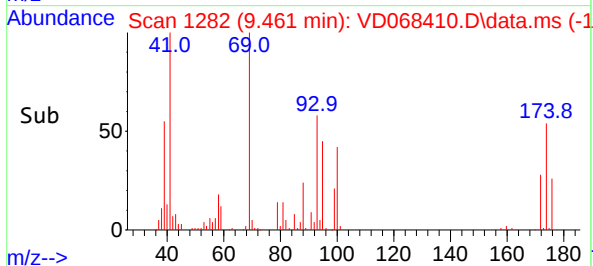
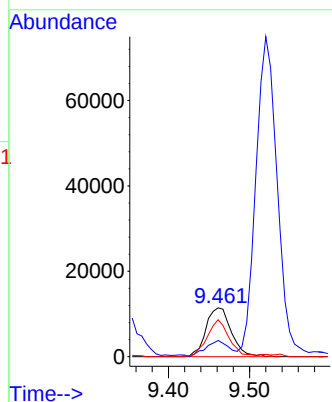
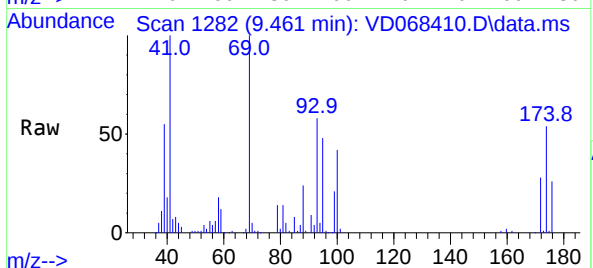




#49  
1,4-Dioxane  
Concen: 952.66 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

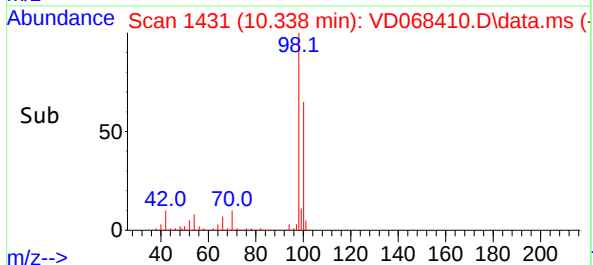
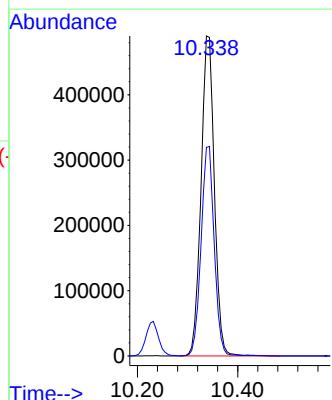
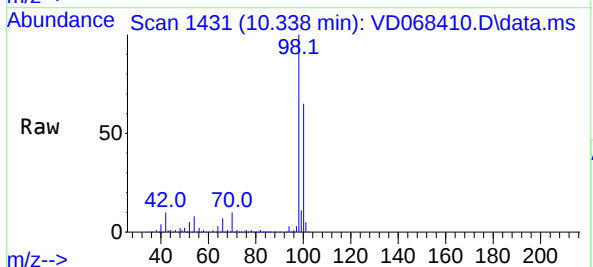
Instrument :  
MSVOA\_D  
ClientSampleId :

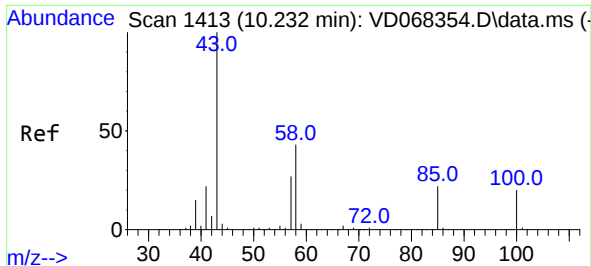
Tgt Ion: 88 Resp: 24749  
Ion Ratio Lower Upper  
88 100  
43 30.6 22.1 33.1  
58 66.2 46.7 70.1



#50  
Toluene-d8  
Concen: 55.22 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 98 Resp: 904316  
Ion Ratio Lower Upper  
98 100  
100 64.1 53.0 79.4

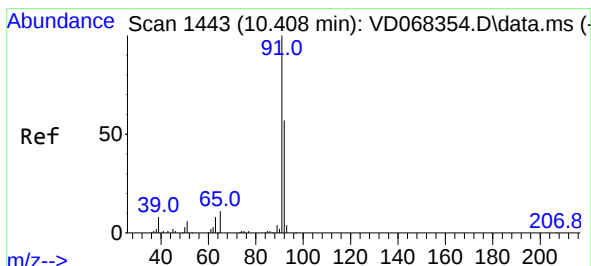
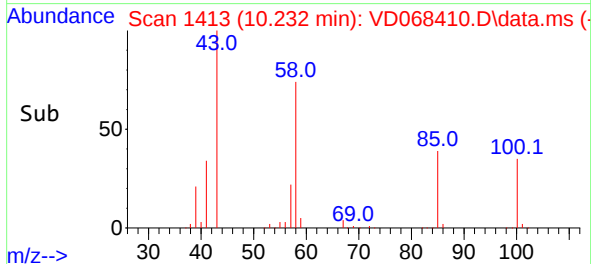
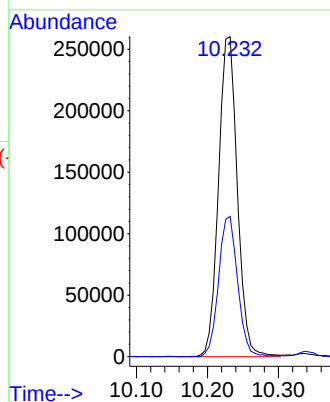
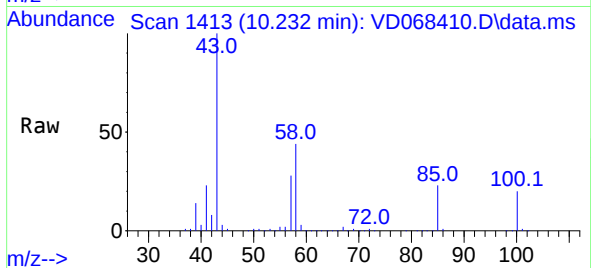




#51  
4-Methyl-2-Pentanone  
Concen: 243.82 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

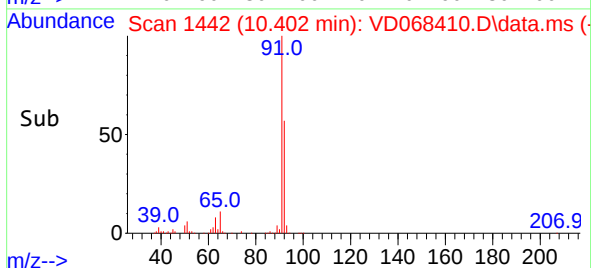
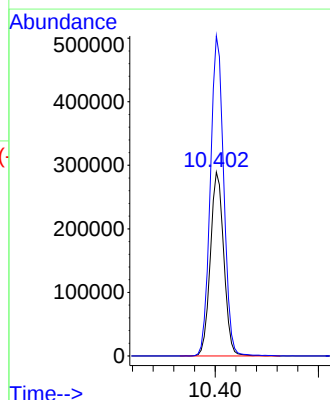
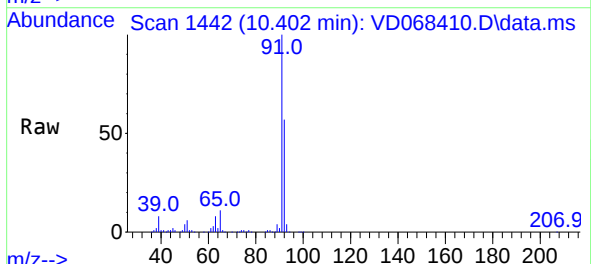
Instrument :  
MSVOA\_D  
ClientSampleId :

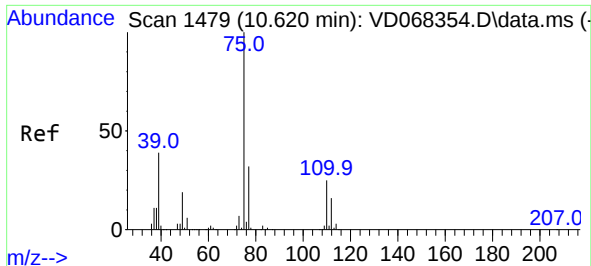
Tgt Ion: 43 Resp: 477206  
Ion Ratio Lower Upper  
43 100  
58 44.3 36.1 54.1



#52  
Toluene  
Concen: 48.33 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 92 Resp: 521932  
Ion Ratio Lower Upper  
92 100  
91 173.6 134.1 201.1

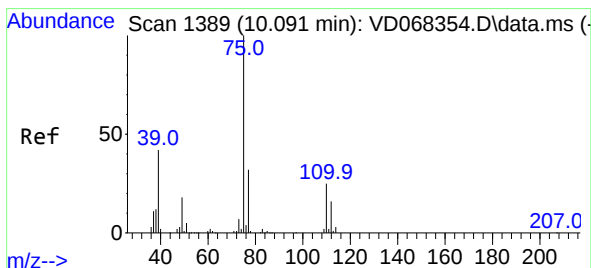
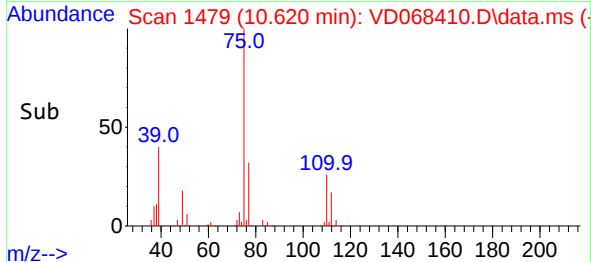
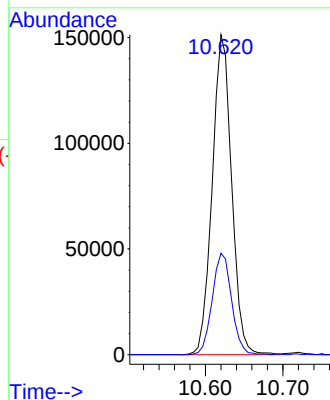
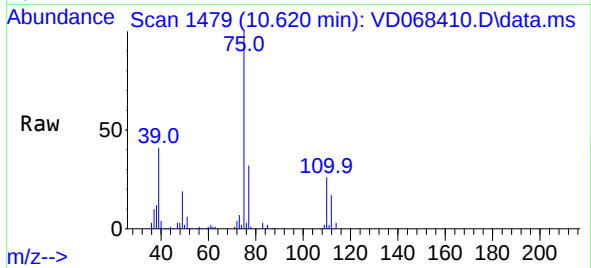




#53  
t-1,3-Dichloropropene  
Concen: 49.49 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

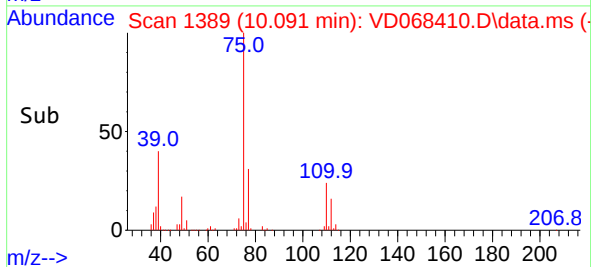
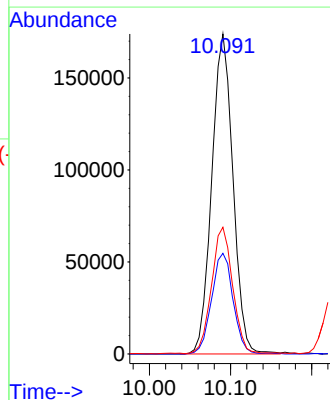
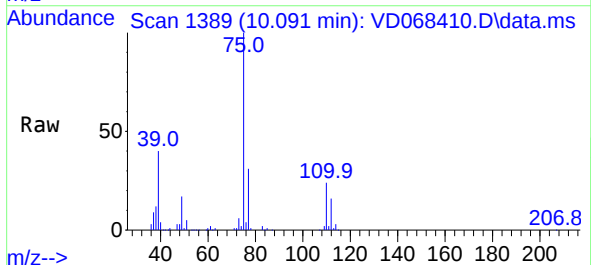
Instrument :  
MSVOA\_D  
ClientSampleId :

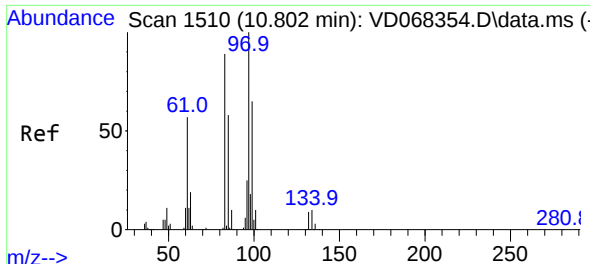
Tgt Ion: 75 Resp: 264051  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 48.33 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 75 Resp: 315042  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.6 37.0  
39 39.4 31.4 47.0



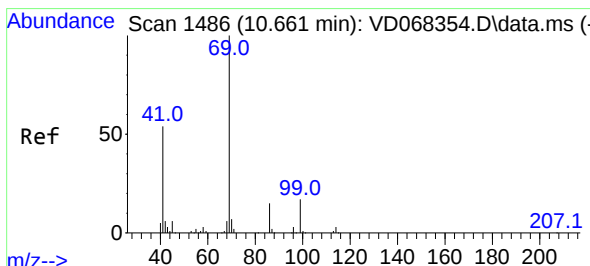
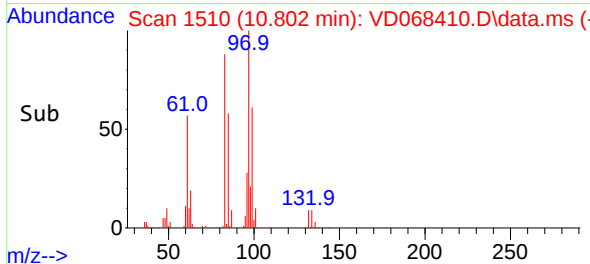
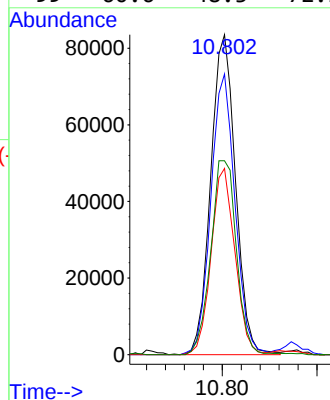
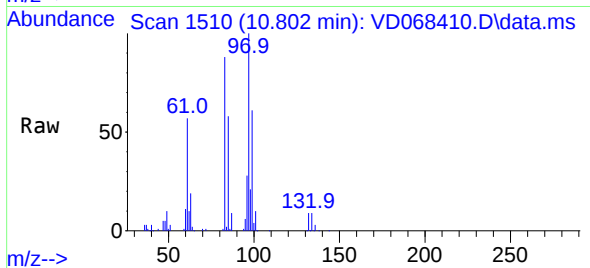


#55  
1,1,2-Trichloroethane  
Concen: 49.46 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Instrument :  
MSVOA\_D  
ClientSampled :

Tgt Ion: 97 Resp: 151927

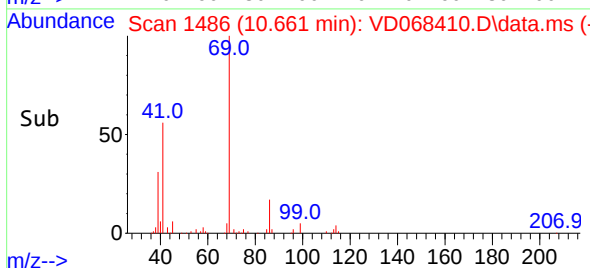
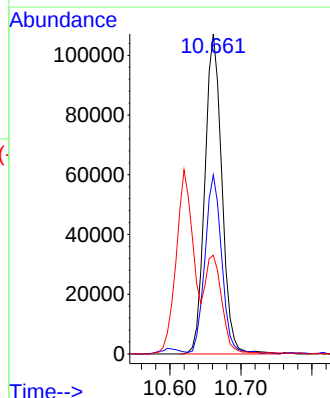
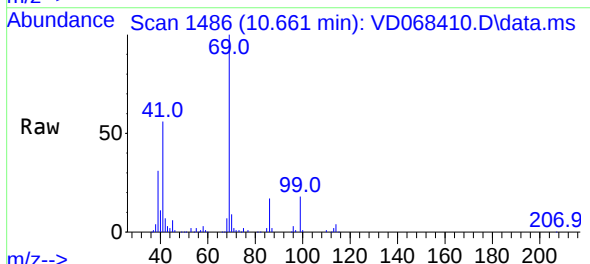
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.7  | 61.8  | 92.6  |
| 85  | 58.2  | 42.2  | 63.2  |
| 99  | 60.6  | 48.3  | 72.5  |

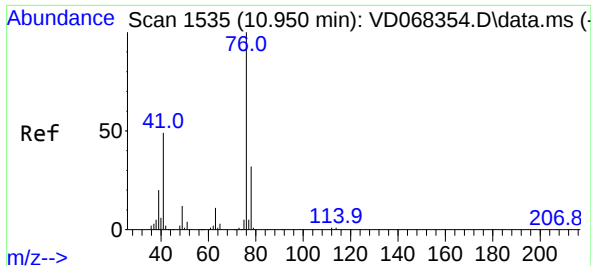


#56  
Ethyl methacrylate  
Concen: 49.09 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 69 Resp: 178914

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 54.7  | 44.9  | 67.3  |
| 39  | 29.8  | 21.9  | 32.9  |

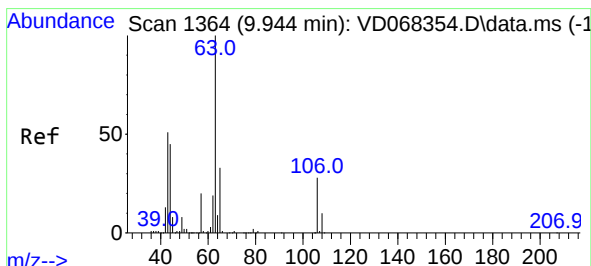
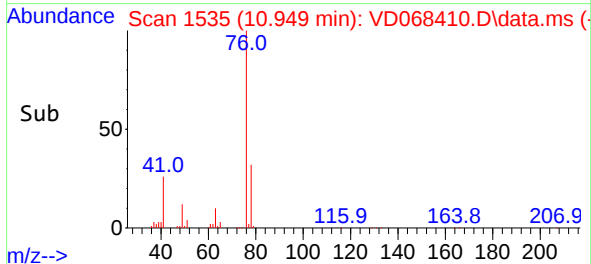
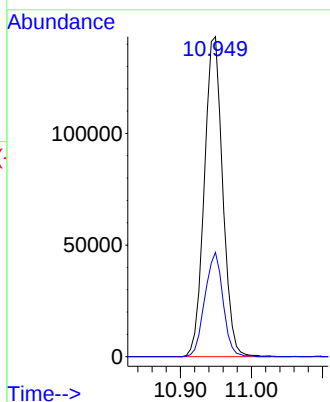
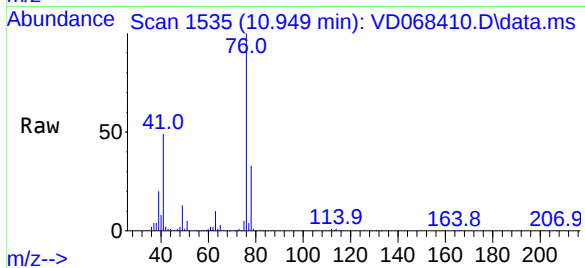




#57  
1,3-Dichloropropane  
Concen: 47.90 ug/l  
RT: 10.949 min Scan# 1535  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

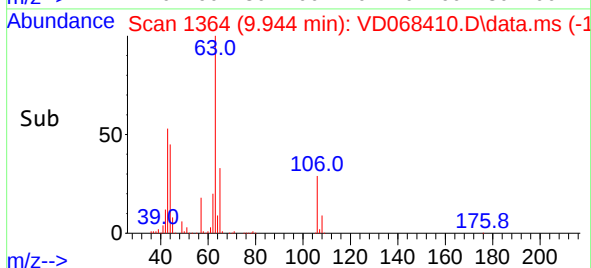
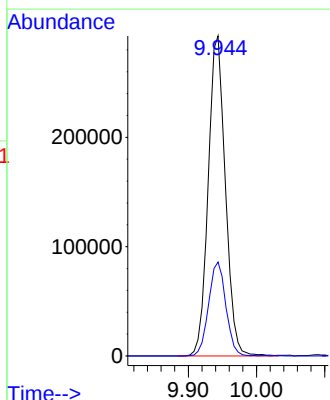
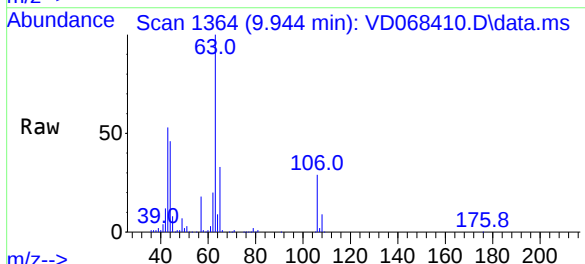
Instrument :  
MSVOA\_D  
ClientSampleId :

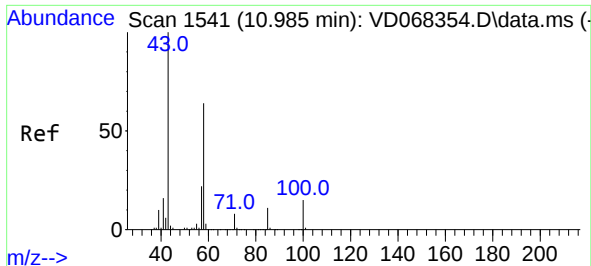
Tgt Ion: 76 Resp: 258227  
Ion Ratio Lower Upper  
76 100  
78 32.2 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 262.88 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 63 Resp: 513045  
Ion Ratio Lower Upper  
63 100  
106 29.5 27.0 40.4

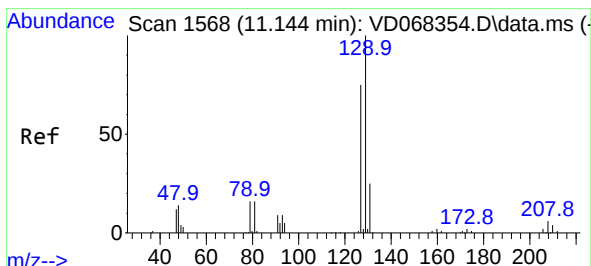
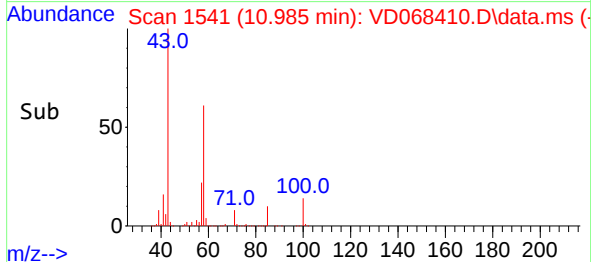
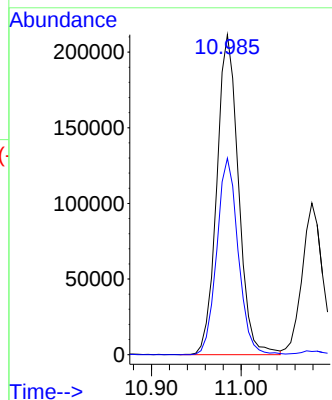
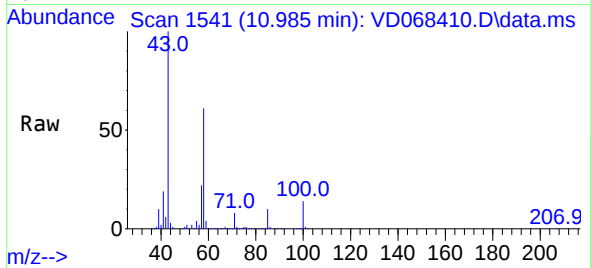




#59  
2-Hexanone  
Concen: 268.47 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

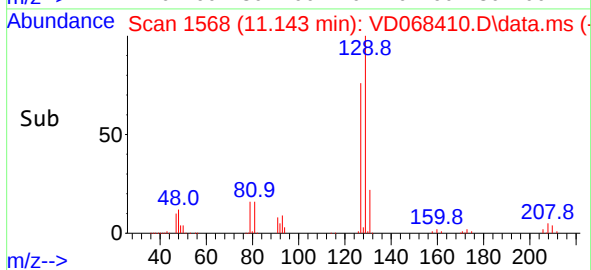
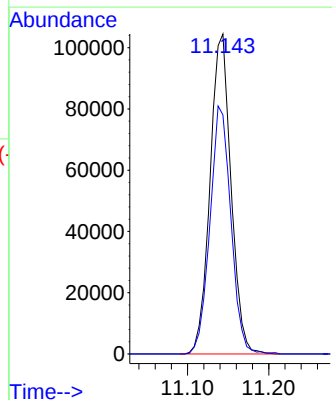
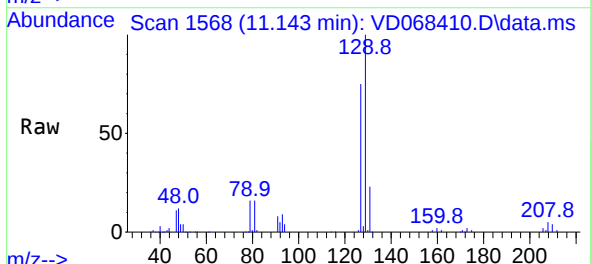
Instrument :  
MSVOA\_D  
ClientSampled :

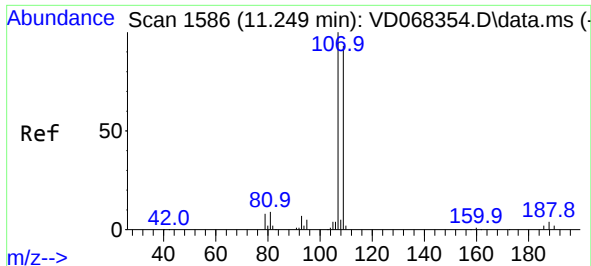
Tgt Ion: 43 Resp: 355202  
Ion Ratio Lower Upper  
43 100  
58 60.5 31.0 93.0



#60  
Dibromochloromethane  
Concen: 49.11 ug/l  
RT: 11.143 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion:129 Resp: 187182  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.6 116.0

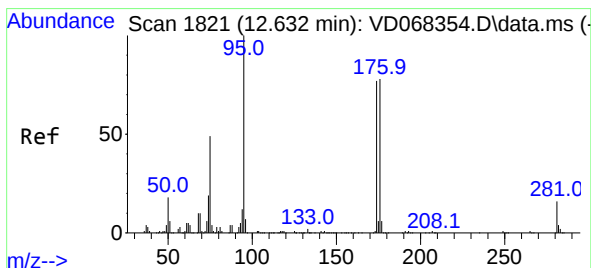
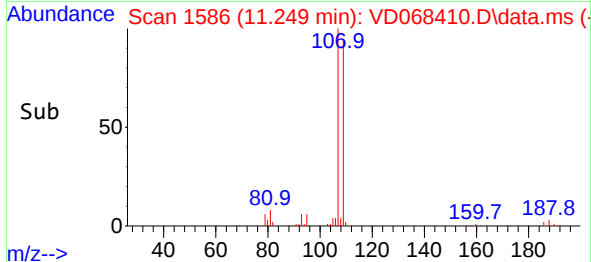
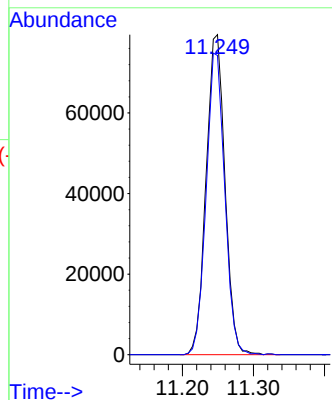
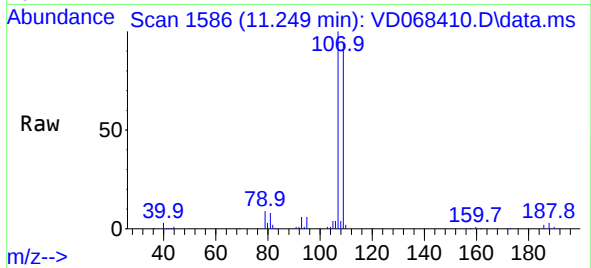




#61  
1,2-Dibromoethane  
Concen: 49.34 ug/l  
RT: 11.249 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

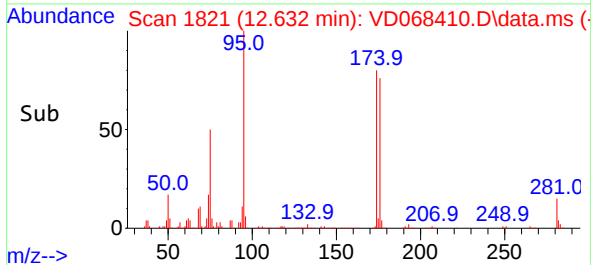
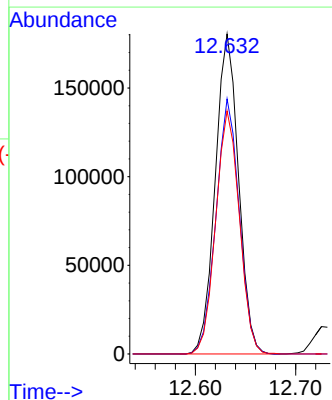
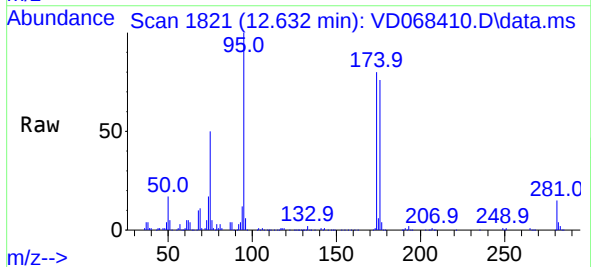
Instrument :  
MSVOA\_D  
ClientSampleId :

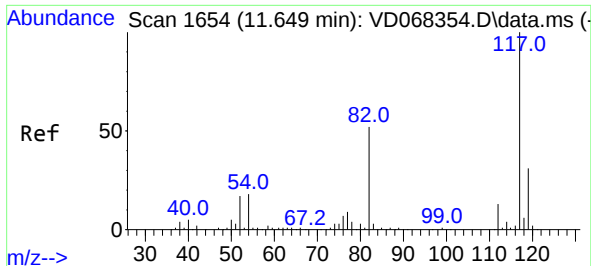
Tgt Ion:107 Resp: 146465  
Ion Ratio Lower Upper  
107 100  
109 92.7 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 54.35 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 95 Resp: 289938  
Ion Ratio Lower Upper  
95 100  
174 79.9 0.0 172.4  
176 77.1 0.0 168.4

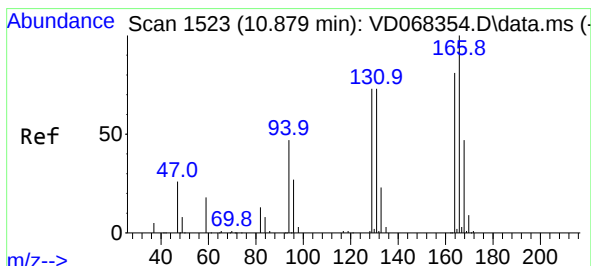
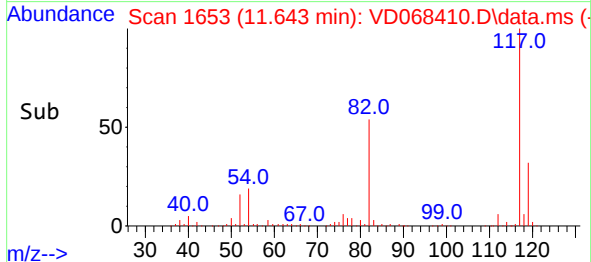
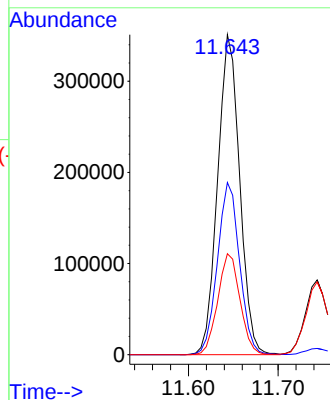
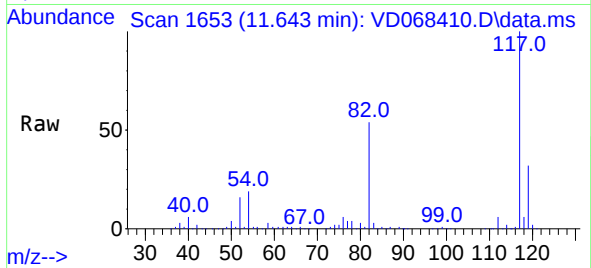




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.643 min Scan# 1653  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

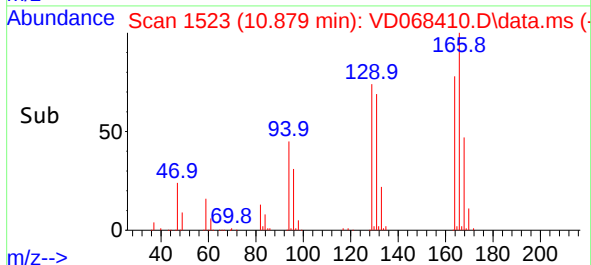
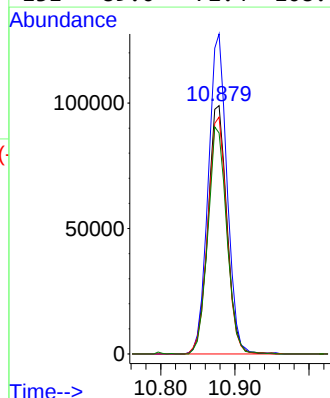
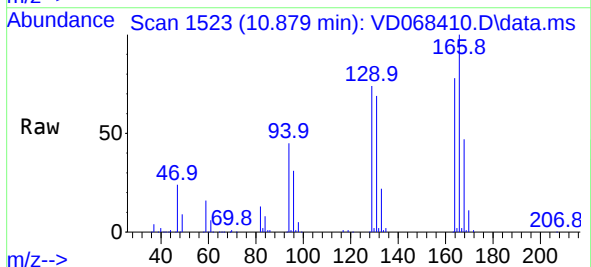
Instrument :  
MSVOA\_D  
ClientSampleId :

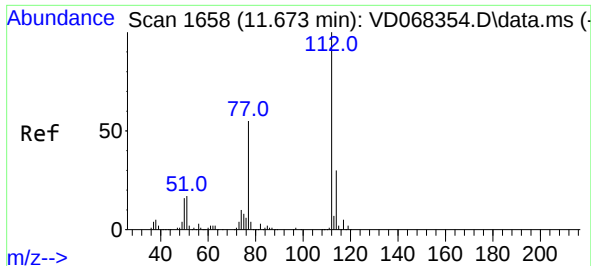
Tgt Ion:117 Resp: 599140  
Ion Ratio Lower Upper  
117 100  
82 53.8 41.4 62.0  
119 31.5 26.1 39.1



#64  
Tetrachloroethene  
Concen: 47.55 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion:164 Resp: 175314  
Ion Ratio Lower Upper  
164 100  
166 128.9 105.5 158.3  
129 95.4 75.6 113.4  
131 89.0 72.4 108.6

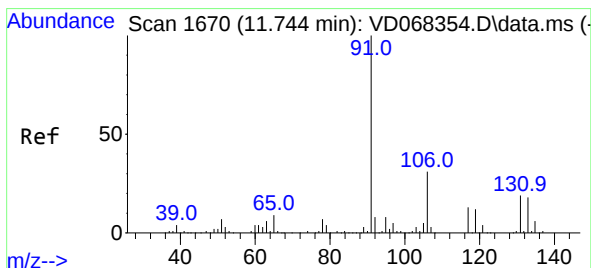
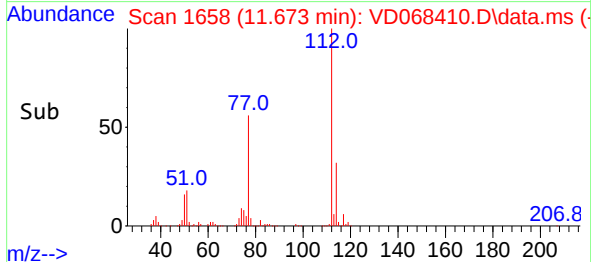
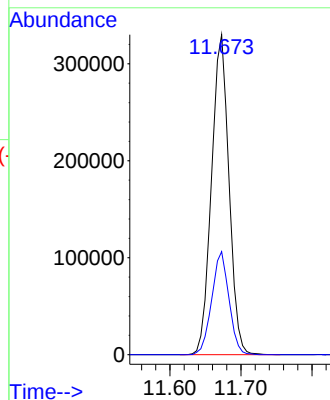
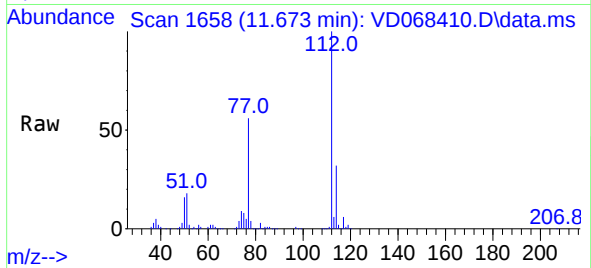




#65  
Chlorobenzene  
Concen: 48.85 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

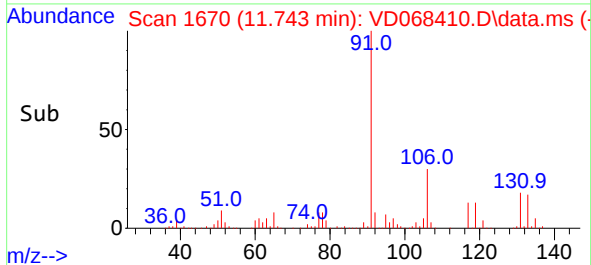
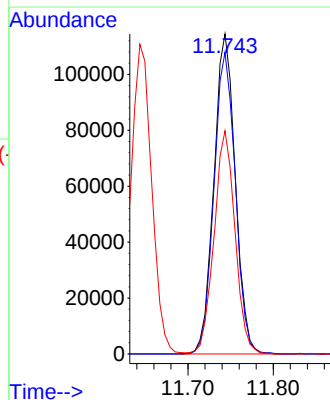
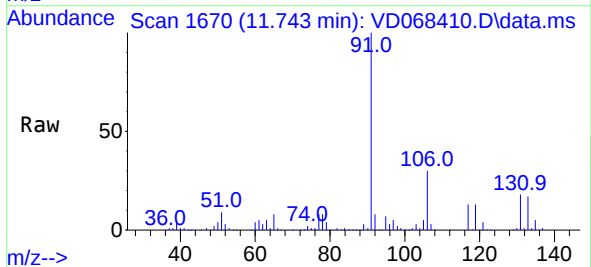
Instrument :  
MSVOA\_D  
ClientSampleId :

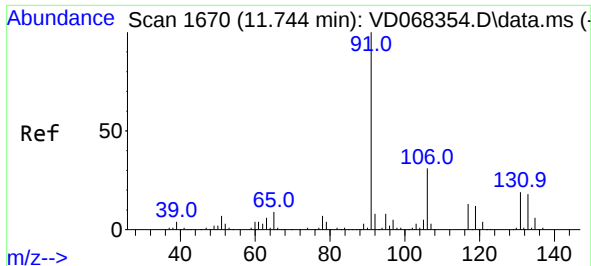
Tgt Ion:112 Resp: 562770  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.52 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion:131 Resp: 199034  
Ion Ratio Lower Upper  
131 100  
133 94.5 48.1 144.4  
119 68.5 31.6 94.8

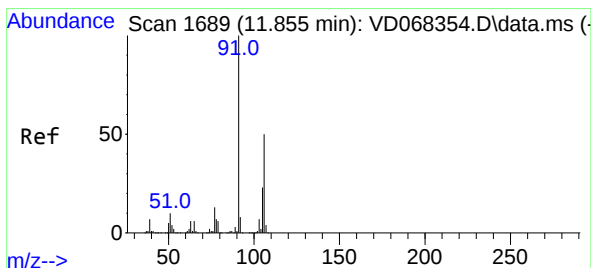
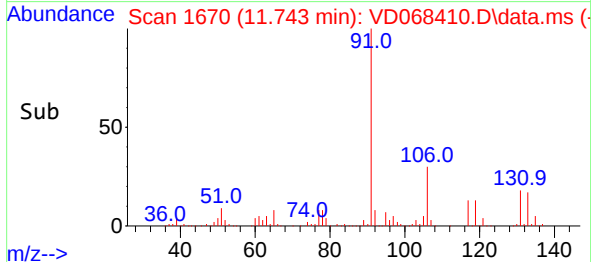
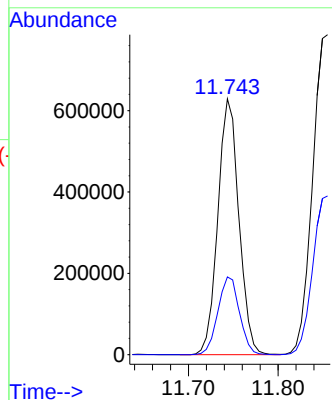
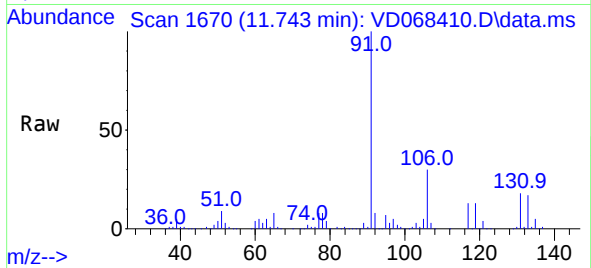




#67  
Ethyl Benzene  
Concen: 49.58 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

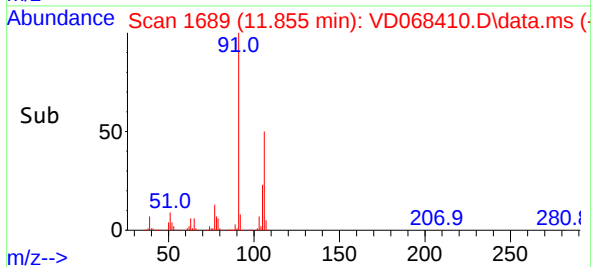
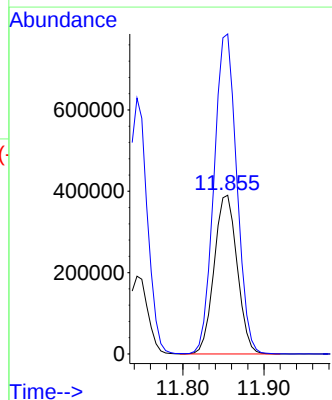
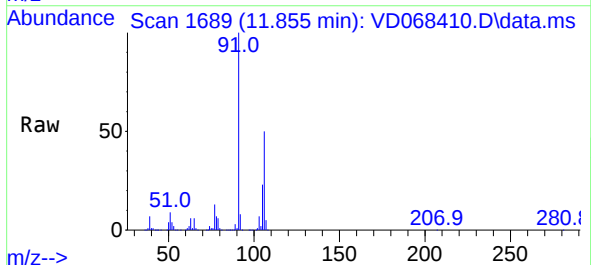
Instrument :  
MSVOA\_D  
ClientSampleId :

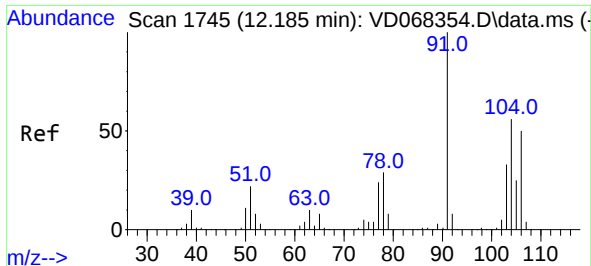
Tgt Ion: 91 Resp: 1024020  
Ion Ratio Lower Upper  
91 100  
106 30.4 25.9 38.9



#68  
m/p-Xylenes  
Concen: 98.61 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion:106 Resp: 769768  
Ion Ratio Lower Upper  
106 100  
91 199.2 159.1 238.7

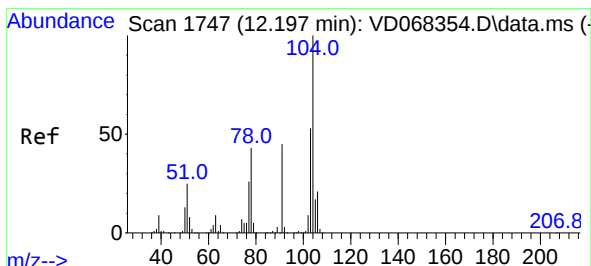
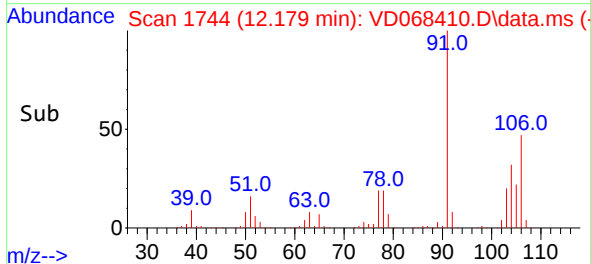
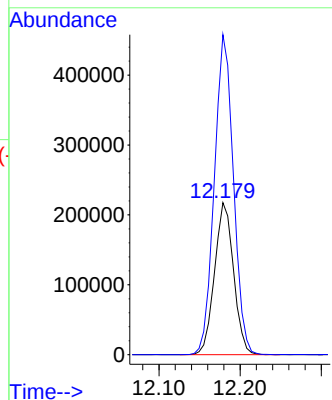
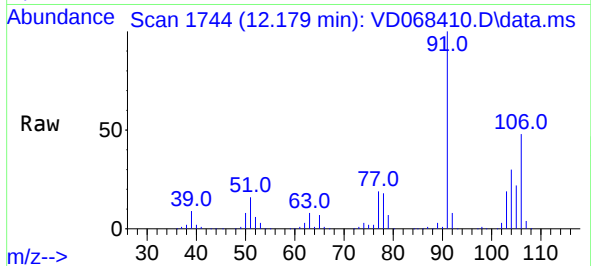




#69  
o-Xylene  
Concen: 49.42 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

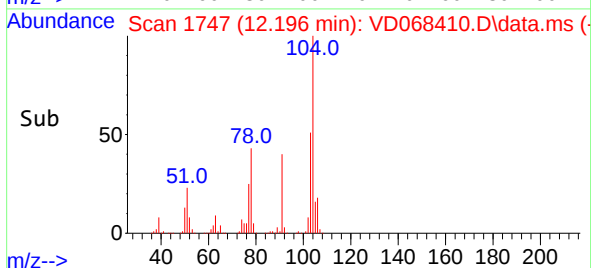
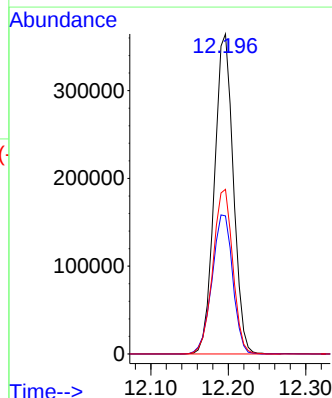
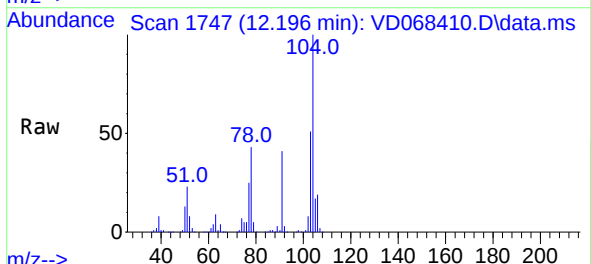
Instrument :  
MSVOA\_D  
ClientSampleId :

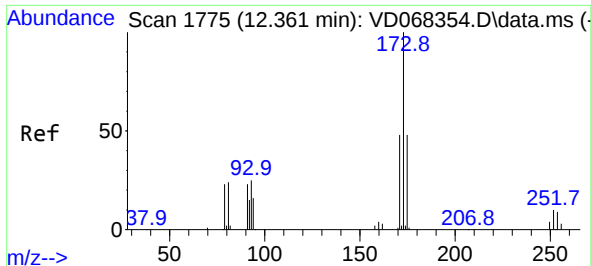
Tgt Ion:106 Resp: 353962  
Ion Ratio Lower Upper  
106 100  
91 211.6 108.7 325.9



#70  
Styrene  
Concen: 49.49 ug/l  
RT: 12.196 min Scan# 1747  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion:104 Resp: 616515  
Ion Ratio Lower Upper  
104 100  
78 47.5 38.2 57.2  
103 54.3 43.1 64.7

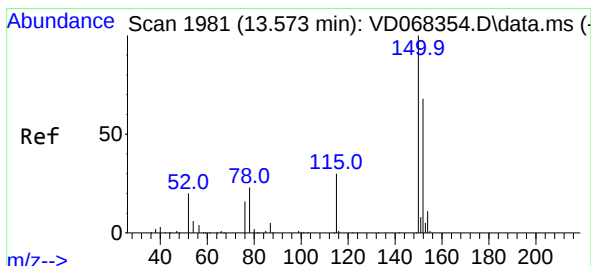
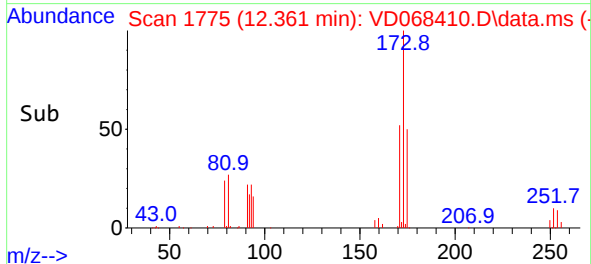
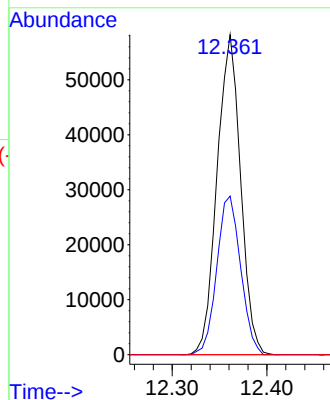
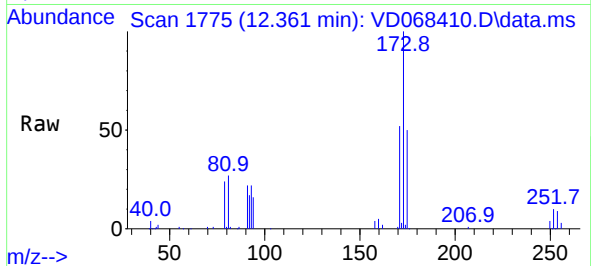




#71  
Bromoform  
Concen: 48.66 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

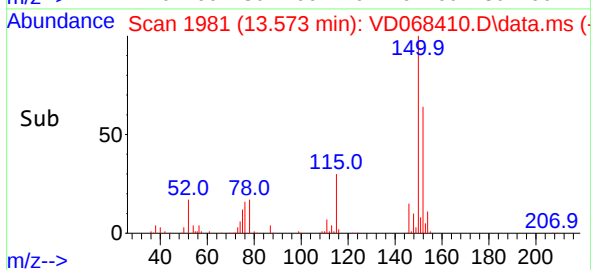
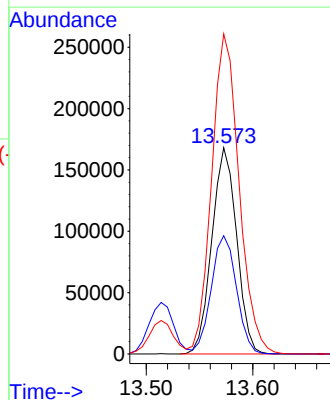
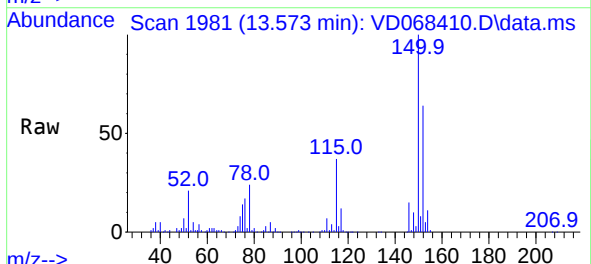
Instrument :  
MSVOA\_D  
ClientSampleId :

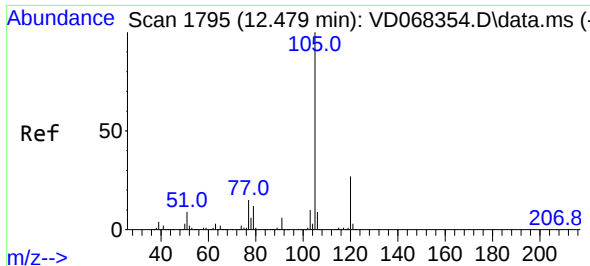
Tgt Ion:173 Resp: 100489  
Ion Ratio Lower Upper  
173 100  
175 50.1 24.6 73.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion:152 Resp: 271850  
Ion Ratio Lower Upper  
152 100  
115 58.4 28.9 86.8  
150 171.8 0.0 344.4

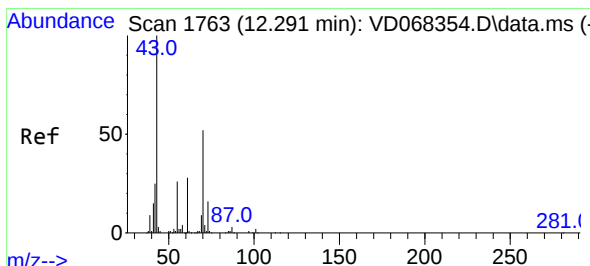
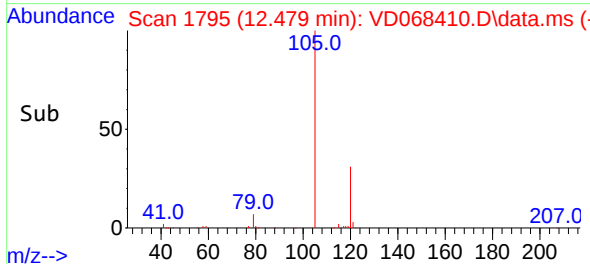
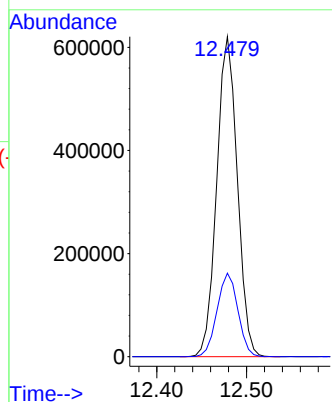
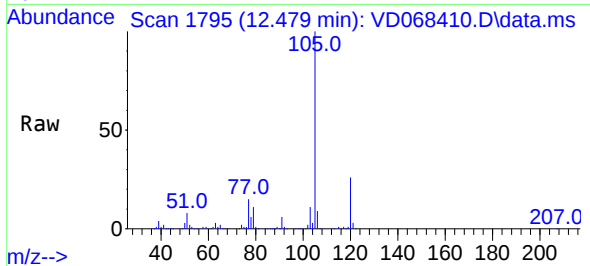




#73  
Isopropylbenzene  
Concen: 49.77 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

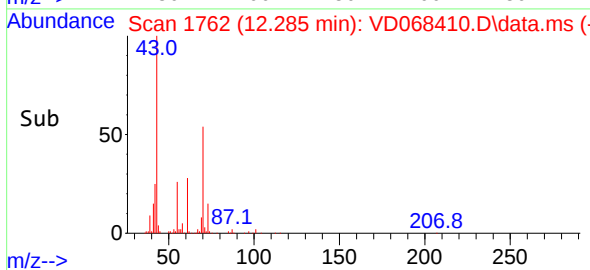
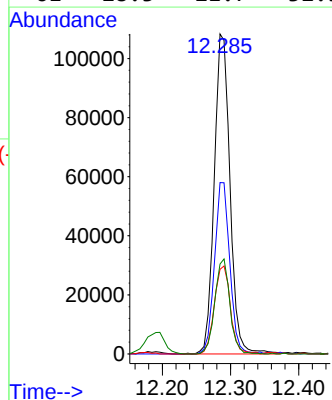
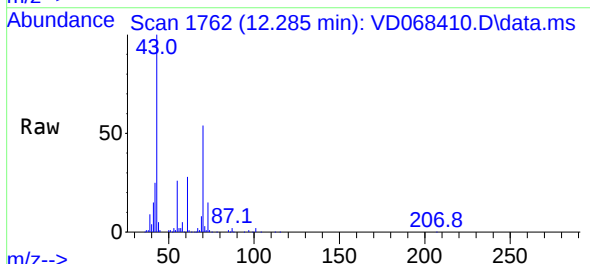
Instrument :  
MSVOA\_D  
ClientSampled :

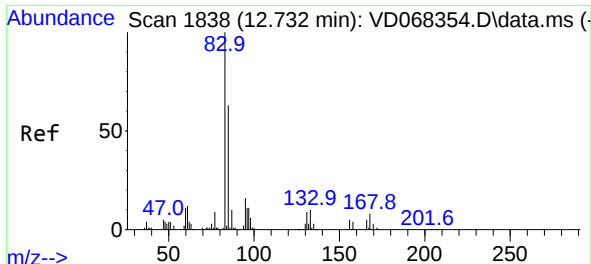
Tgt Ion:105 Resp: 988232  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.2 39.6



#74  
N-ethyl acetate  
Concen: 49.72 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 43 Resp: 174344  
Ion Ratio Lower Upper  
43 100  
70 52.0 41.8 62.8  
55 28.1 24.2 36.4  
61 28.3 21.7 32.5

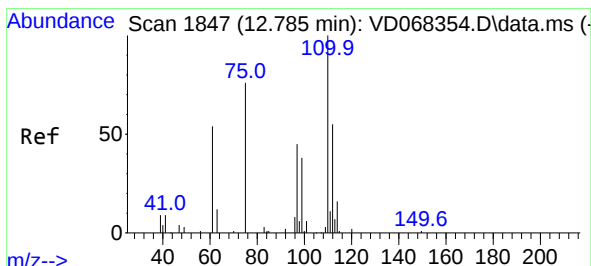
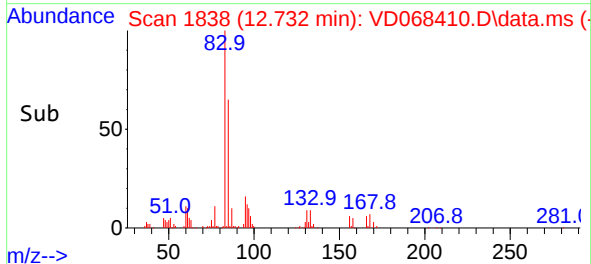
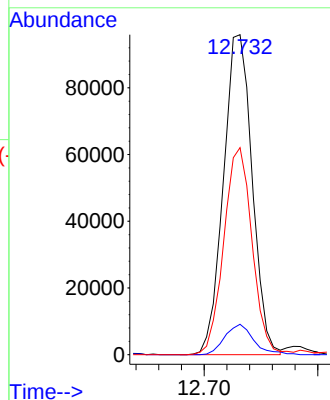
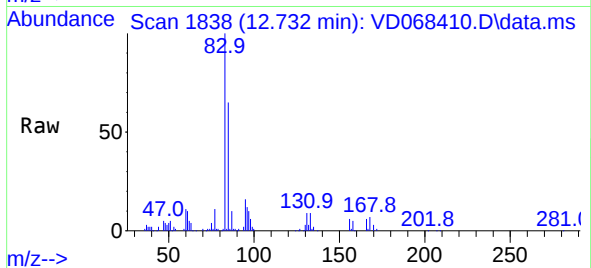




#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.97 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

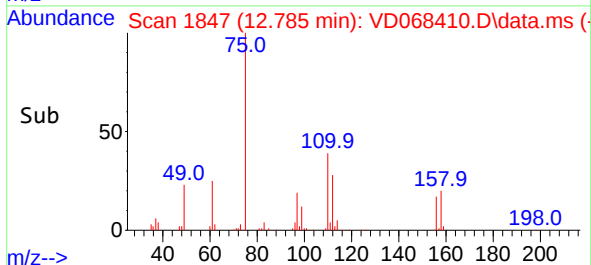
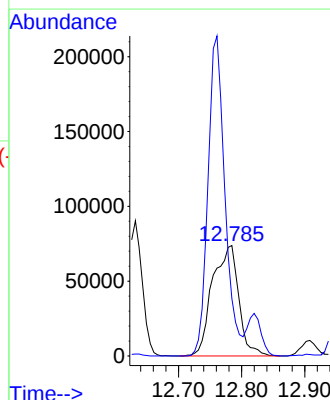
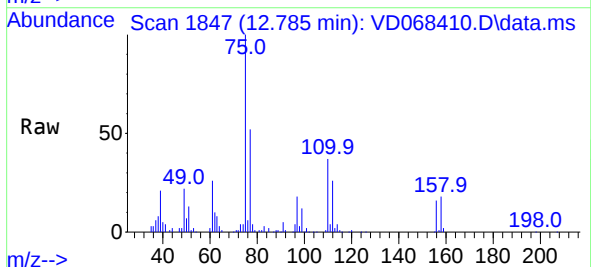
Instrument :  
MSVOA\_D  
ClientSampleId :

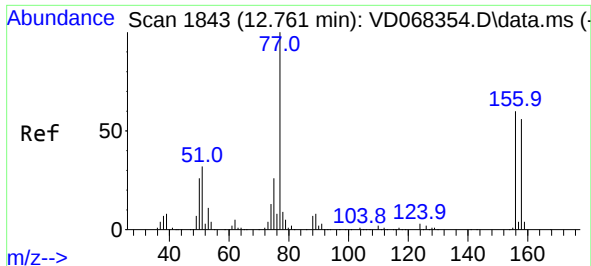
Tgt Ion: 83 Resp: 168523  
Ion Ratio Lower Upper  
83 100  
131 9.5 5.8 17.4  
85 63.8 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 82.43 ug/l  
RT: 12.785 min Scan# 1847  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 75 Resp: 213248  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

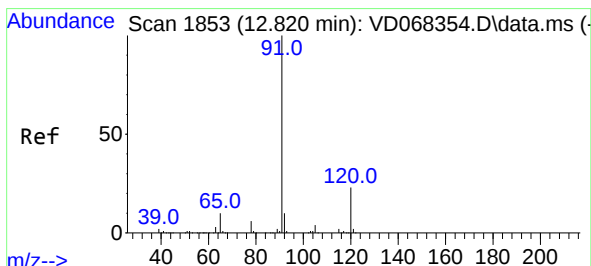
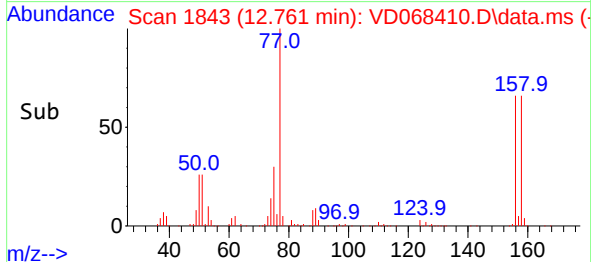
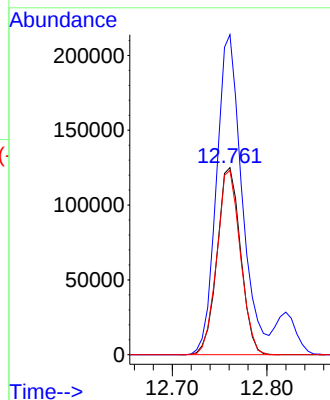
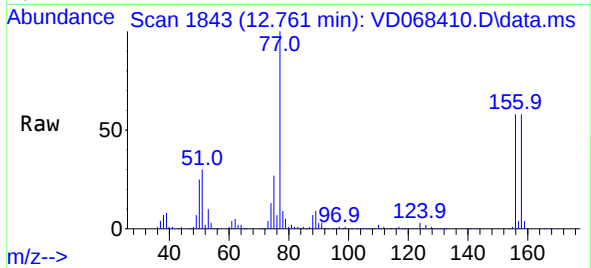




#77  
Bromobenzene  
Concen: 48.51 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

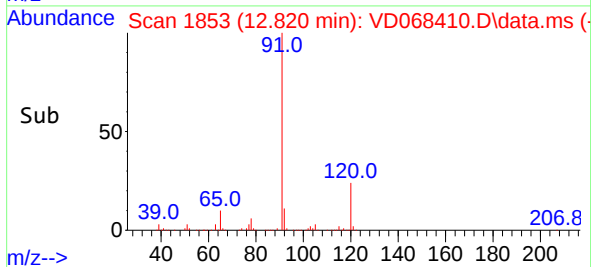
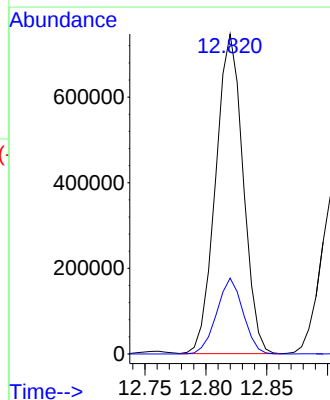
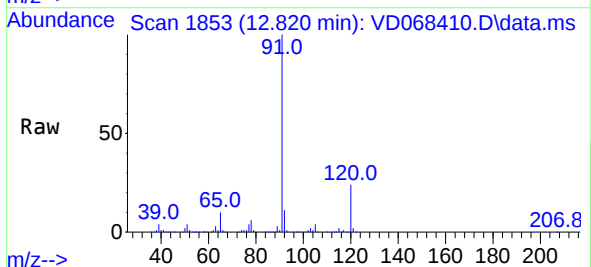
Instrument :  
MSVOA\_D  
ClientSampled :

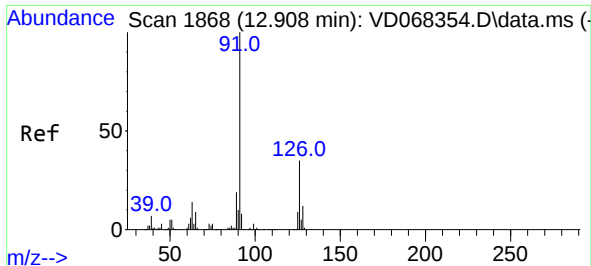
Tgt Ion:156 Resp: 215201  
Ion Ratio Lower Upper  
156 100  
77 186.0 82.8 248.3  
158 98.4 48.0 144.0



#78  
n-propylbenzene  
Concen: 49.19 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 91 Resp: 1169204  
Ion Ratio Lower Upper  
91 100  
120 22.8 12.0 36.0

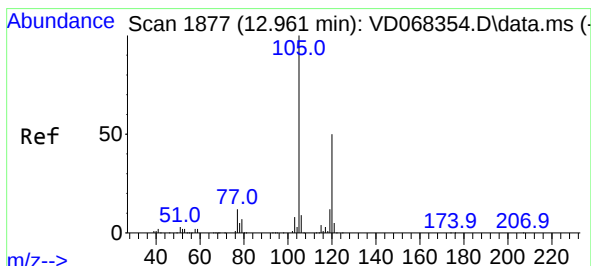
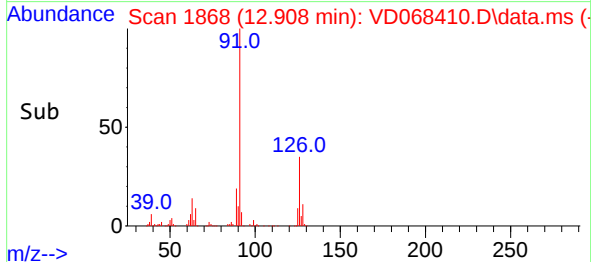
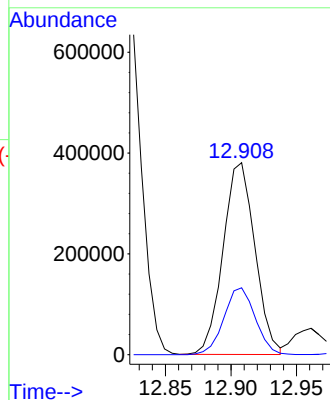
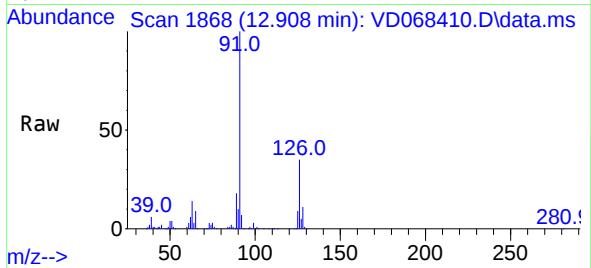




#79  
2-Chlorotoluene  
Concen: 48.86 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

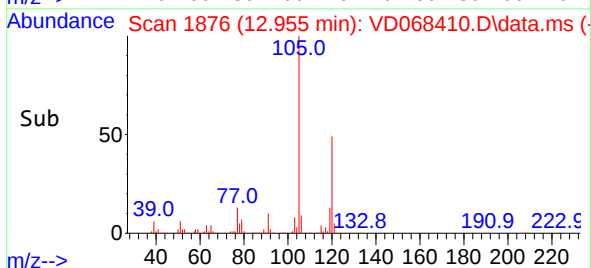
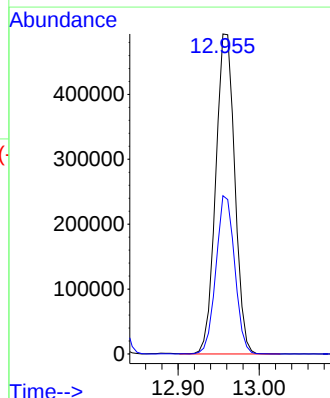
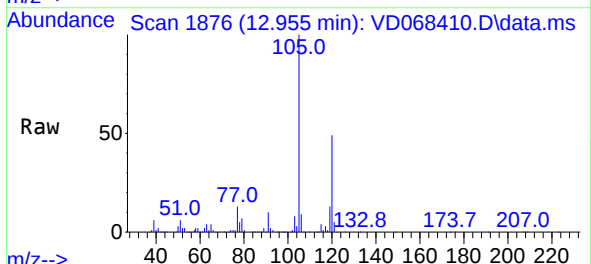
Instrument :  
MSVOA\_D  
ClientSampleId :

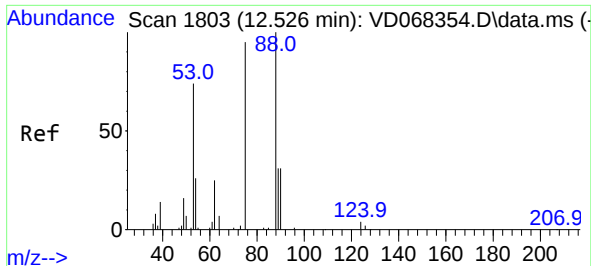
Tgt Ion: 91 Resp: 643195  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 49.64 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

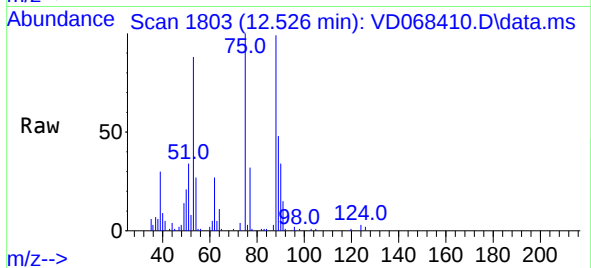
Tgt Ion:105 Resp: 805447  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.2 72.6



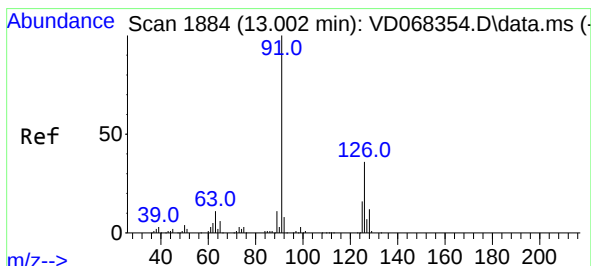
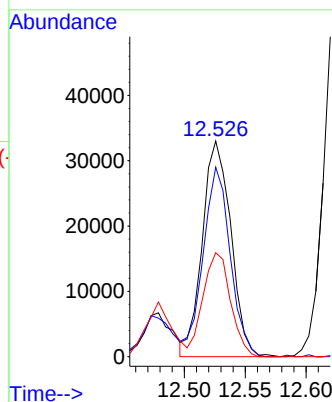
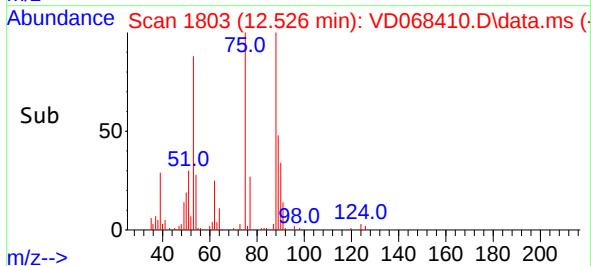


#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.26 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

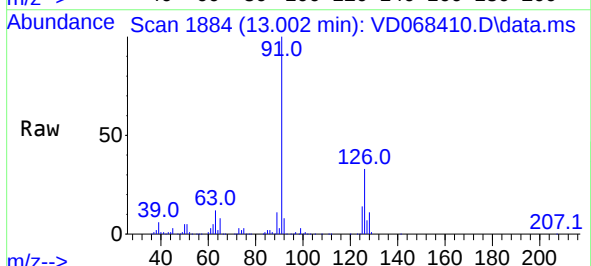
Instrument :  
MSVOA\_D  
ClientSampleId :



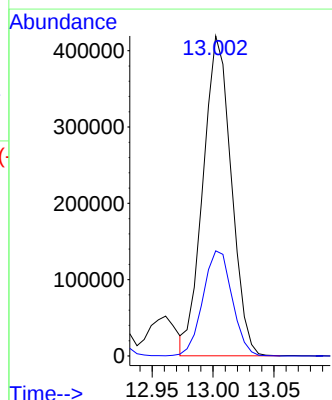
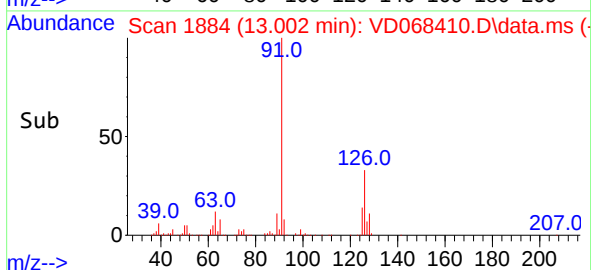
Tgt Ion: 75 Resp: 53934  
Ion Ratio Lower Upper  
75 100  
53 83.6 70.2 105.2  
89 46.3 40.3 60.5

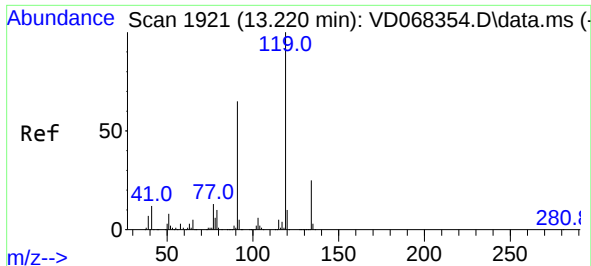


#82  
4-Chlorotoluene  
Concen: 48.58 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54



Tgt Ion: 91 Resp: 676131  
Ion Ratio Lower Upper  
91 100  
126 34.0 17.7 53.1

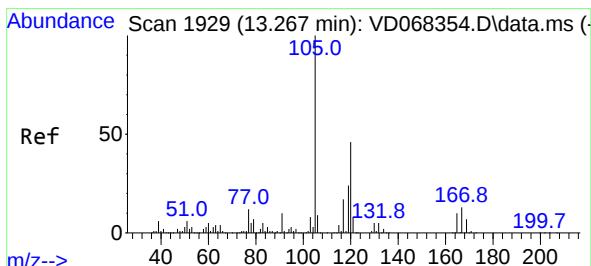
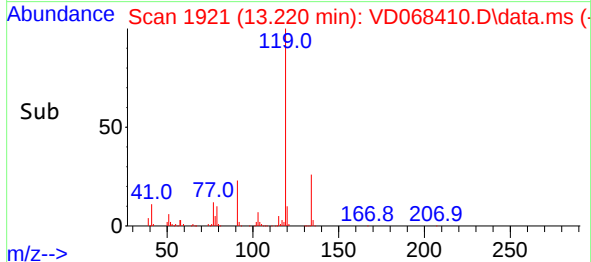
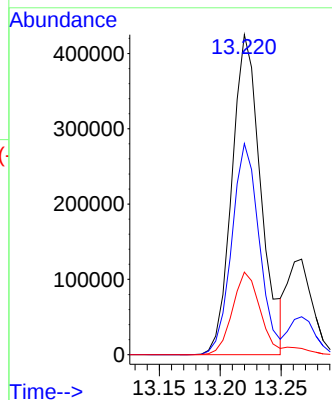
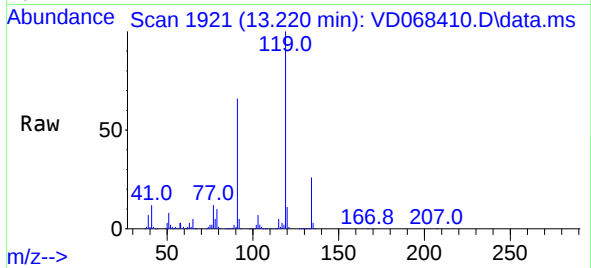




#83  
tert-Butylbenzene  
Concen: 50.10 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

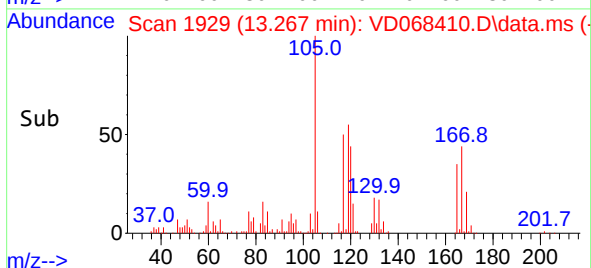
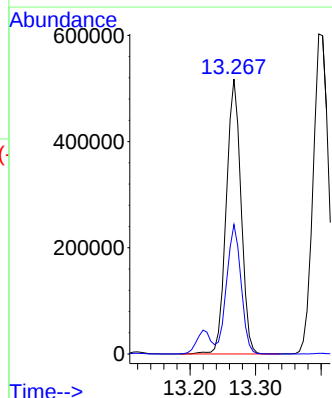
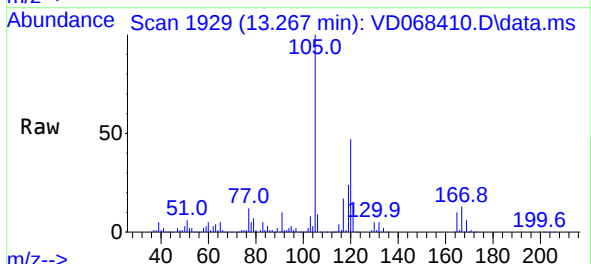
Instrument :  
MSVOA\_D  
ClientSampleId :

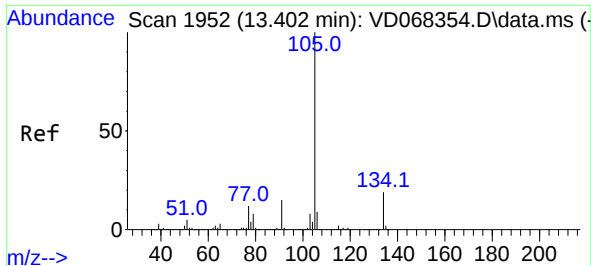
Tgt Ion:119 Resp: 705133  
Ion Ratio Lower Upper  
119 100  
91 62.7 31.1 93.5  
134 26.4 13.3 39.8



#84  
1,2,4-Trimethylbenzene  
Concen: 49.80 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion:105 Resp: 805021  
Ion Ratio Lower Upper  
105 100  
120 46.2 22.4 67.0

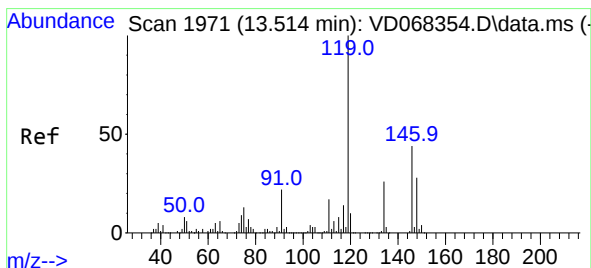
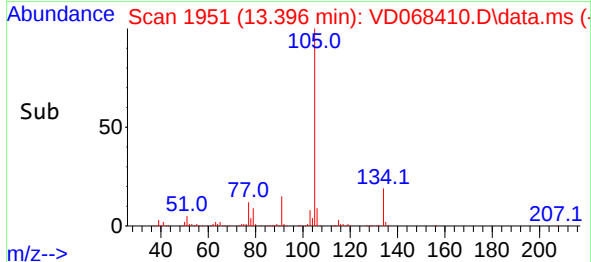
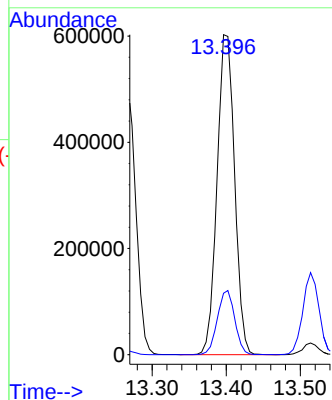
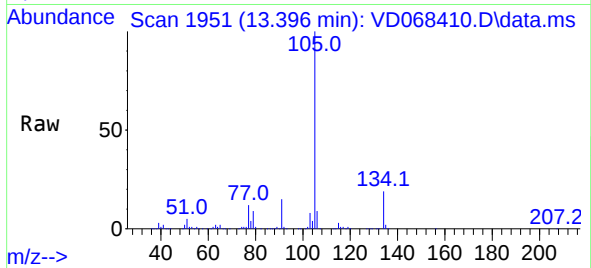




#85  
 sec-Butylbenzene  
 Concen: 50.32 ug/l  
 RT: 13.396 min Scan# 1951  
 Delta R.T. -0.006 min  
 Lab File: VD068410.D  
 Acq: 22 Feb 2021 09:54

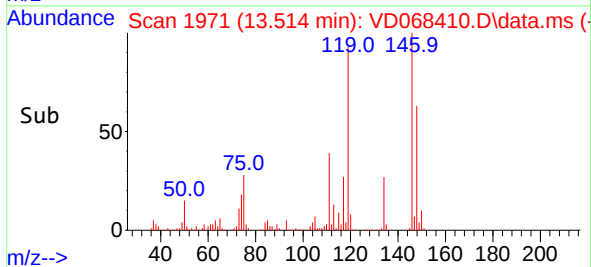
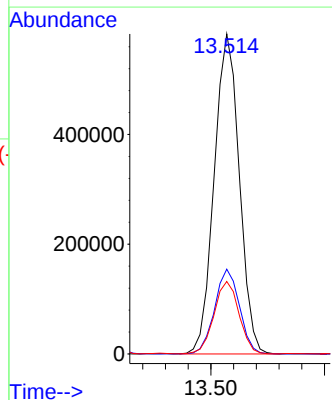
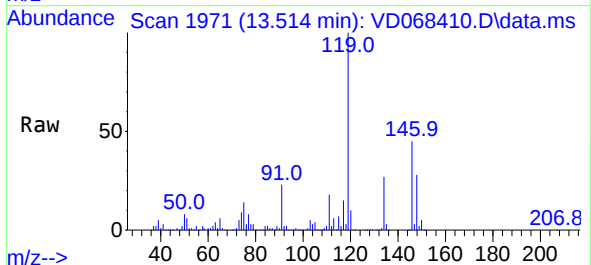
Instrument :  
 MSVOA\_D  
 ClientSampled :

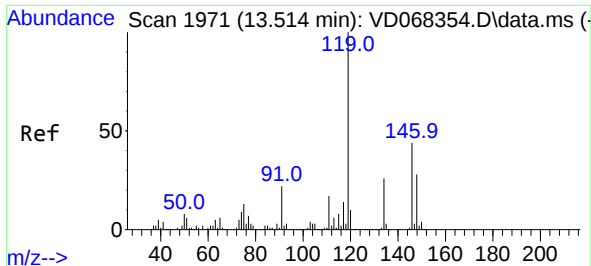
Tgt Ion:105 Resp: 990567  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.3 30.9



#86  
 p-Isopropyltoluene  
 Concen: 50.71 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. -0.000 min  
 Lab File: VD068410.D  
 Acq: 22 Feb 2021 09:54

Tgt Ion:119 Resp: 896258  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.9 38.7  
 91 22.5 11.7 35.0

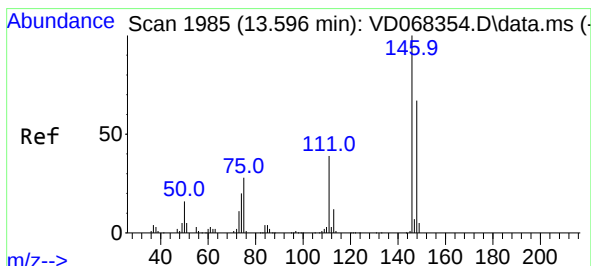
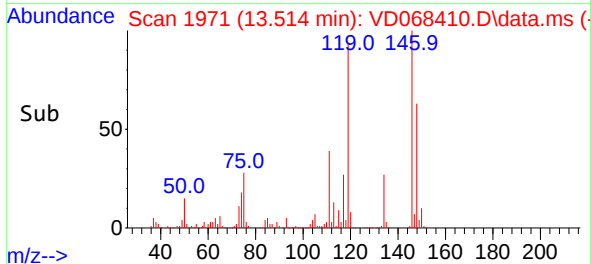
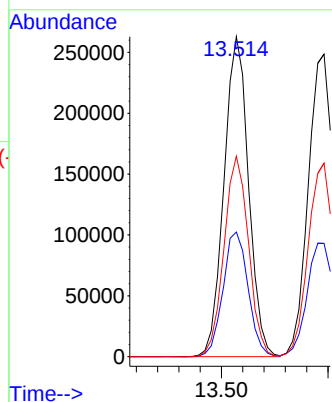
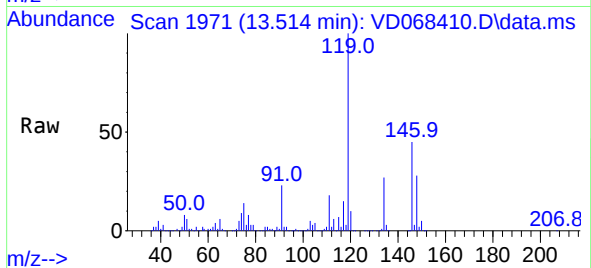




#87  
1,3-Dichlorobenzene  
Concen: 49.02 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

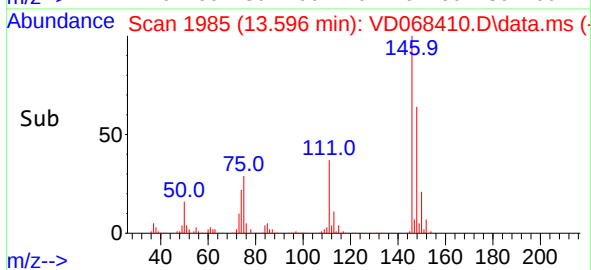
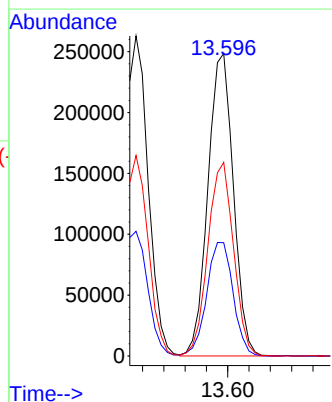
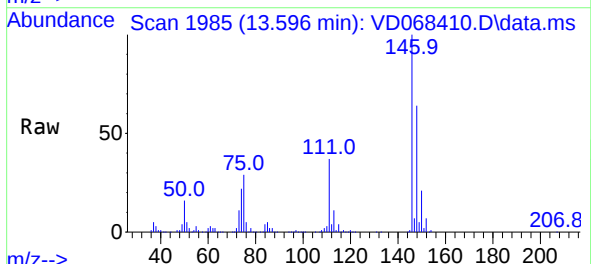
Instrument :  
MSVOA\_D  
ClientSampleId :

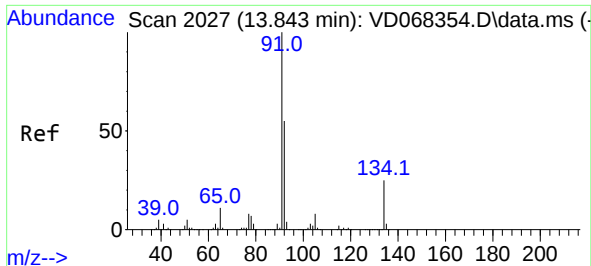
Tgt Ion:146 Resp: 420677  
Ion Ratio Lower Upper  
146 100  
111 39.9 19.5 58.5  
148 62.6 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 48.41 ug/l  
RT: 13.596 min Scan# 1985  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion:146 Resp: 413426  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.1 57.1  
148 64.6 31.9 95.7

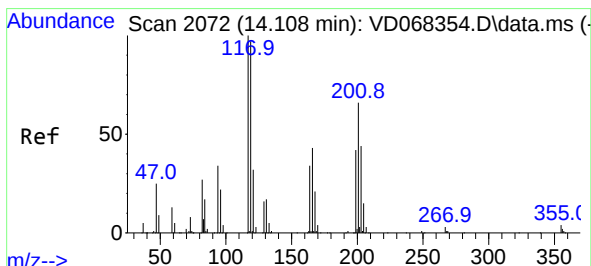
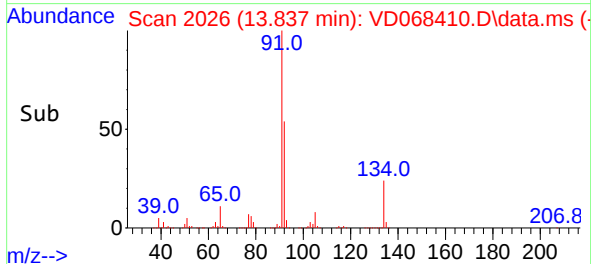
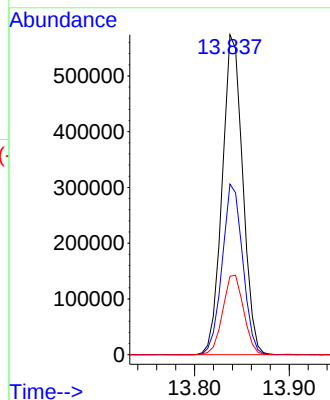
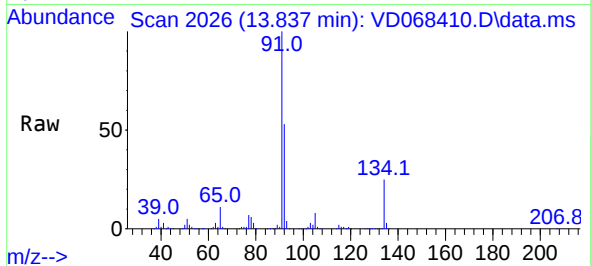




#89  
n-Butylbenzene  
Concen: 50.11 ug/l  
RT: 13.837 min Scan# 2026  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

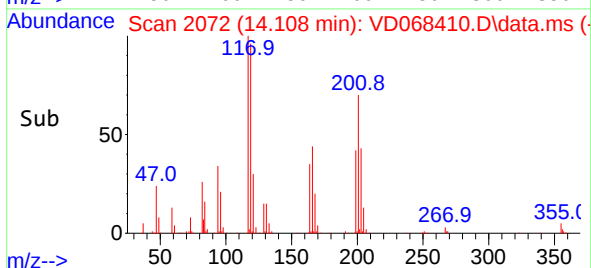
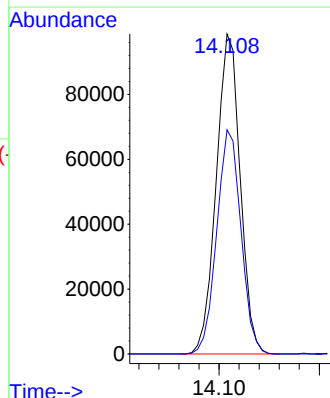
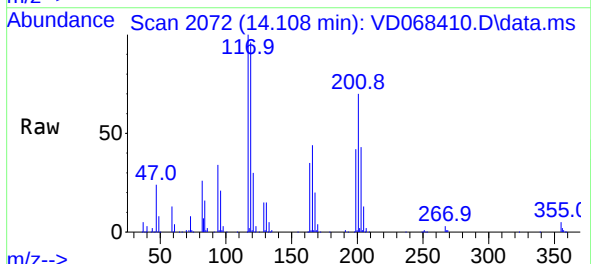
Instrument :  
MSVOA\_D  
ClientSampleId :

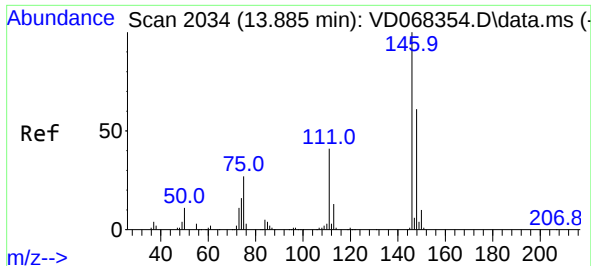
Tgt Ion: 91 Resp: 864204  
Ion Ratio Lower Upper  
91 100  
92 53.5 27.2 81.6  
134 25.4 13.9 41.7



#90  
Hexachloroethane  
Concen: 51.01 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion: 117 Resp: 163694  
Ion Ratio Lower Upper  
117 100  
201 70.7 39.5 118.5

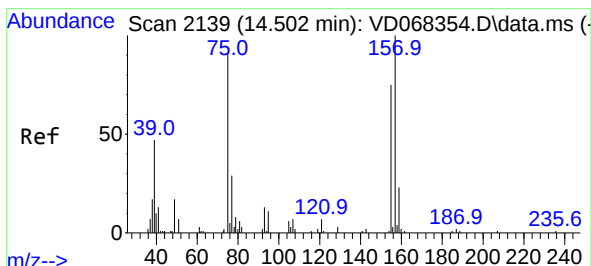
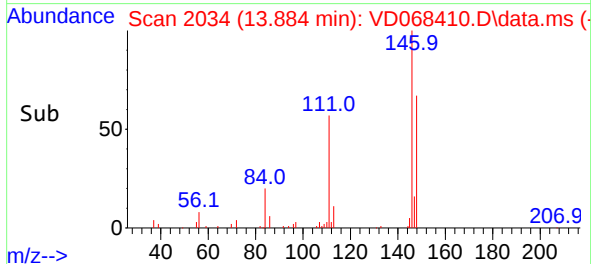
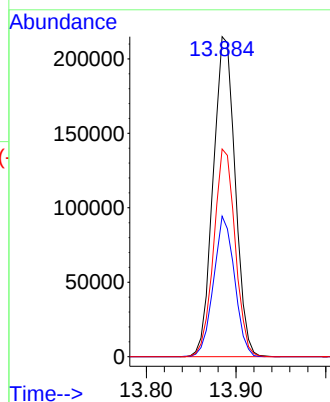
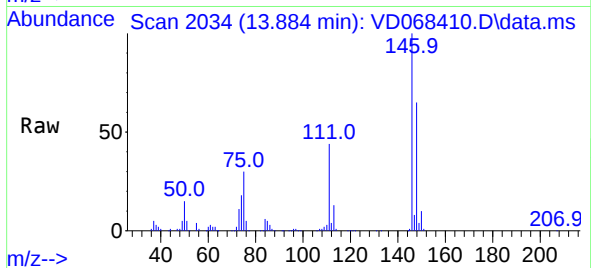




#91  
1,2-Dichlorobenzene  
Concen: 49.20 ug/l  
RT: 13.884 min Scan# 2034  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

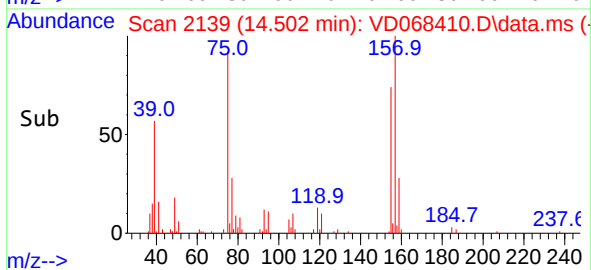
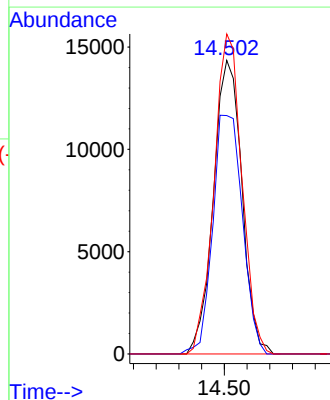
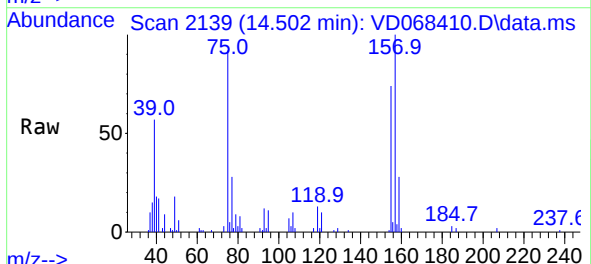
Instrument :  
MSVOA\_D  
ClientSampled :

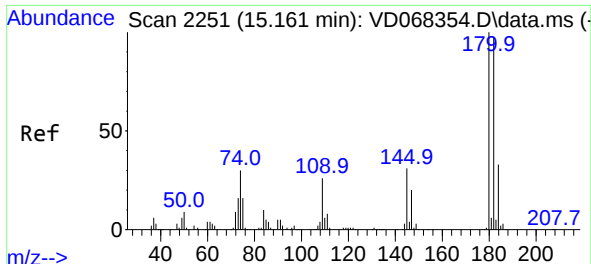
Tgt Ion:146 Resp: 366131  
Ion Ratio Lower Upper  
146 100  
111 41.9 20.3 60.9  
148 63.3 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.68 ug/l  
RT: 14.502 min Scan# 2139  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

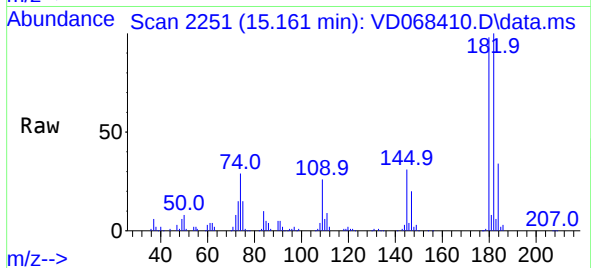
Tgt Ion: 75 Resp: 24995  
Ion Ratio Lower Upper  
75 100  
155 84.8 48.0 144.2  
157 106.8 65.0 194.8



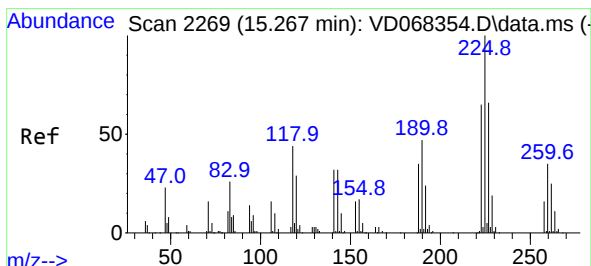
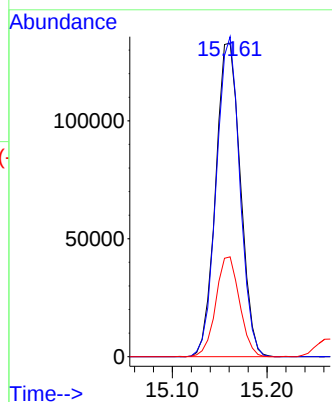
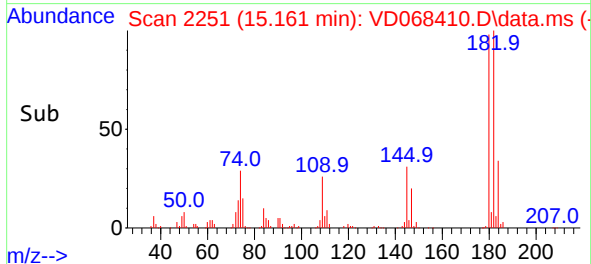


#93  
1,2,4-Trichlorobenzene  
Concen: 49.41 ug/l  
RT: 15.161 min Scan# 2251  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

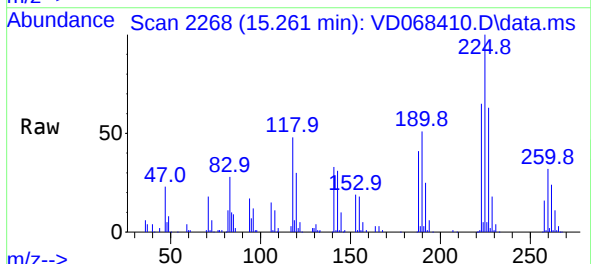
Instrument :  
MSVOA\_D  
ClientSampled :



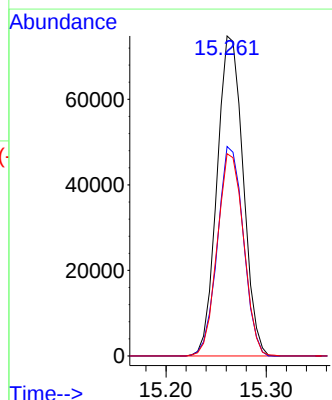
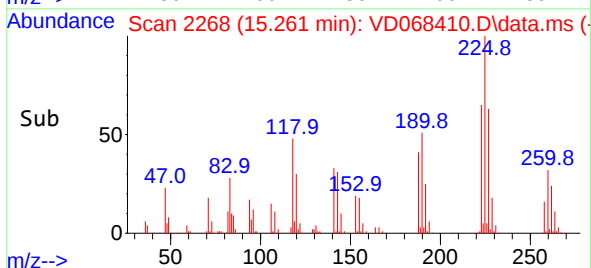
Tgt Ion:180 Resp: 240805  
Ion Ratio Lower Upper  
180 100  
182 96.9 46.8 140.4  
145 30.6 15.2 45.5

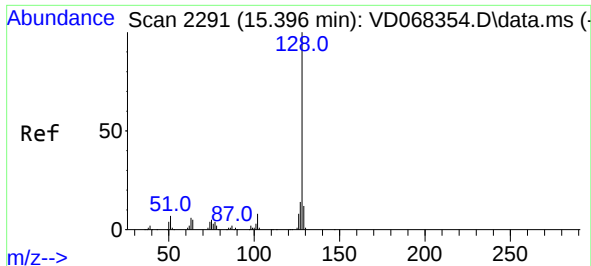


#94  
Hexachlorobutadiene  
Concen: 50.39 ug/l  
RT: 15.261 min Scan# 2268  
Delta R.T. -0.006 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54



Tgt Ion:225 Resp: 135097  
Ion Ratio Lower Upper  
225 100  
223 64.8 31.9 95.5  
227 63.8 32.1 96.5



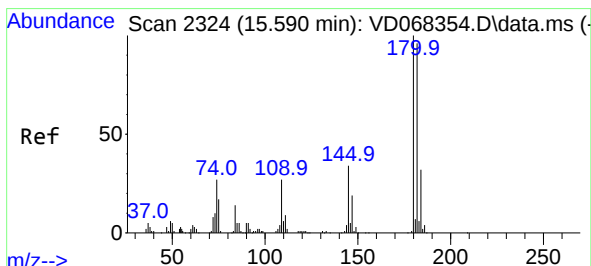
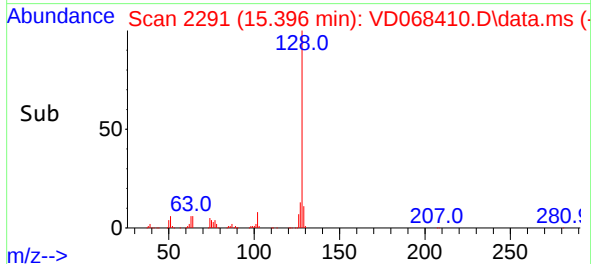
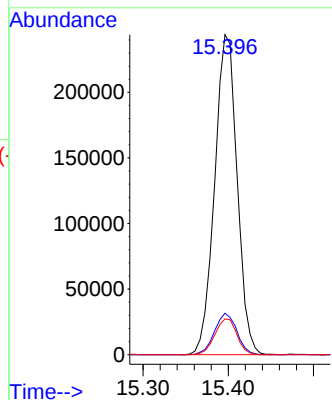
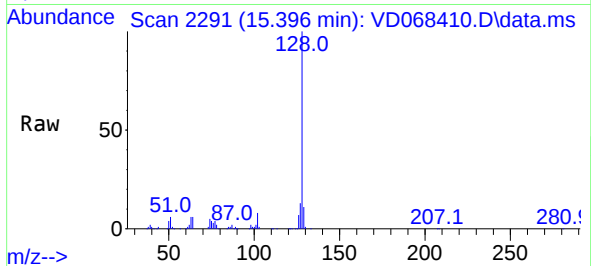


#95  
Naphthalene  
Concen: 49.39 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 447496

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.9  | 10.2  | 15.2  |
| 129 | 11.0  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 49.68 ug/l  
RT: 15.590 min Scan# 2324  
Delta R.T. -0.000 min  
Lab File: VD068410.D  
Acq: 22 Feb 2021 09:54

Tgt Ion:180 Resp: 211209

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 92.2  | 48.3  | 144.8 |
| 145 | 30.7  | 16.7  | 50.1  |

