

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD122220\  
 Data File : VD067935.D  
 Acq On : 22 Dec 2020 15:51  
 Operator : VA/SY  
 Sample : VSTDIC005  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Quant Time: Dec 23 07:07:48 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122220S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 23 07:02:51 2020  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.985  | 168  | 289407   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 509966   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.649 | 117  | 452551   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.579 | 152  | 209755   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.338  | 65    | 16466    | 5.40     | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 10.80%# |
| 35) Dibromofluoromethane    | 7.920  | 113   | 15510    | 4.66     | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 9.32%#  |
| 50) Toluene-d8              | 10.344 | 98    | 57630    | 4.79     | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 9.58%#  |
| 62) 4-Bromofluorobenzene    | 12.638 | 95    | 20165    | 4.85     | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 9.70%#  |

|                              |       |     |        |       |        |        |
|------------------------------|-------|-----|--------|-------|--------|--------|
| Target Compounds             |       |     |        |       |        | Qvalue |
| 2) Dichlorodifluoromethane   | 1.985 | 85  | 17209  | 6.69  | ug/l   | 97     |
| 3) Chloromethane             | 2.209 | 50  | 23780  | 13.02 | ug/l   | 97     |
| 4) Vinyl Chloride            | 2.350 | 62  | 21025  | 9.92  | ug/l   | 93     |
| 5) Bromomethane              | 2.767 | 94  | 16928  | 9.55  | ug/l # | 80     |
| 6) Chloroethane              | 2.926 | 64  | 13442  | 10.00 | ug/l # | 86     |
| 7) Trichlorofluoromethane    | 3.273 | 101 | 32032  | 5.75  | ug/l   | 96     |
| 8) Diethyl Ether             | 3.703 | 74  | 7992   | 6.80  | ug/l   | 88     |
| 9) 1,1,2-Trichlorotrifluo... | 4.091 | 101 | 19101  | 7.20  | ug/l # | 91     |
| 10) Methyl Iodide            | 4.303 | 142 | 10222  | 3.68  | ug/l # | 95     |
| 11) Tert butyl alcohol       | 5.185 | 59  | 12179  | 49.99 | ug/l # | 79     |
| 12) 1,1-Dichloroethene       | 4.073 | 96  | 16645  | 6.63  | ug/l   | 96     |
| 13) Acrolein                 | 3.926 | 56  | 6035   | 44.82 | ug/l   | 96     |
| 14) Allyl chloride           | 4.709 | 41  | 27410  | 9.92  | ug/l   | 94     |
| 15) Acrylonitrile            | 5.420 | 53  | 20349  | 46.96 | ug/l   | 96     |
| 16) Acetone                  | 4.156 | 43  | 17730  | 44.23 | ug/l   | 90     |
| 17) Carbon Disulfide         | 4.409 | 76  | 58217  | 7.87  | ug/l   | 97     |
| 18) Methyl Acetate           | 4.714 | 43  | 9627   | 10.31 | ug/l # | 86     |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 32383  | 6.08  | ug/l   | 95     |
| 20) Methylene Chloride       | 4.967 | 84  | 37326  | 11.88 | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene | 5.473 | 96  | 19690  | 6.79  | ug/l   | 88     |
| 22) Diisopropyl ether        | 6.367 | 45  | 52340  | 9.39  | ug/l # | 89     |
| 23) Vinyl Acetate            | 6.303 | 43  | 100000 | 33.23 | ug/l   | 100    |
| 24) 1,1-Dichloroethane       | 6.267 | 63  | 37423  | 8.64  | ug/l # | 95     |
| 25) 2-Butanone               | 7.214 | 43  | 23248  | 49.43 | ug/l   | 95     |
| 26) 2,2-Dichloropropane      | 7.208 | 77  | 29030  | 6.11  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene   | 7.214 | 96  | 20766  | 6.61  | ug/l   | 98     |
| 28) Bromochloromethane       | 7.550 | 49  | 15011  | 10.19 | ug/l   | 95     |
| 29) Tetrahydrofuran          | 7.561 | 42  | 14994  | 52.68 | ug/l   | 96     |
| 30) Chloroform               | 7.714 | 83  | 34131  | 6.25  | ug/l   | 99     |
| 31) Cyclohexane              | 7.991 | 56  | 37888  | 10.14 | ug/l # | 83     |
| 32) 1,1,1-Trichloroethane    | 7.902 | 97  | 30651  | 5.54  | ug/l   | 96     |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 27874  | 6.13  | ug/l   | 98     |
| 37) Ethyl Acetate            | 7.297 | 43  | 10053  | 7.49  | ug/l # | 81     |
| 38) Carbon Tetrachloride     | 8.102 | 117 | 28913  | 4.52  | ug/l   | 90     |
| 39) Methylcyclohexane        | 9.355 | 83  | 31237  | 5.87  | ug/l   | 93     |
| 40) Benzene                  | 8.355 | 78  | 78549  | 6.22  | ug/l   | 100    |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD122220\  
 Data File : VD067935.D  
 Acq On : 22 Dec 2020 15:51  
 Operator : VA/SY  
 Sample : VSTDIC005  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

Quant Time: Dec 23 07:07:48 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122220S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 23 07:02:51 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 4870     | 7.04   | ug/l # | 67       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 22795    | 5.39   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.455  | 43   | 19335    | 7.47   | ug/l   | 95       |
| 44) Trichloroethene           | 9.120  | 130  | 19890    | 4.86   | ug/l   | 85       |
| 45) 1,2-Dichloropropane       | 9.397  | 63   | 19785    | 7.30   | ug/l   | 100      |
| 46) Dibromomethane            | 9.473  | 93   | 10093    | 5.81   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.661  | 83   | 27133    | 5.47   | ug/l # | 96       |
| 48) Methyl methacrylate       | 9.461  | 41   | 9726     | 7.31   | ug/l # | 92       |
| 49) 1,4-Dioxane               | 9.467  | 88   | 2372     | 119.29 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.232 | 43   | 50664    | 40.32  | ug/l   | 95       |
| 52) Toluene                   | 10.408 | 92   | 47139    | 5.47   | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.626 | 75   | 22990    | 5.35   | ug/l # | 79       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 29122    | 6.09   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 14348    | 5.96   | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 13249    | 5.32   | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 10.949 | 76   | 23992    | 6.15   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 36207    | 31.14  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.985 | 43   | 31846    | 36.83  | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.143 | 129  | 16558    | 4.72   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.243 | 107  | 13104    | 5.56   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.879 | 164  | 18121    | 5.04   | ug/l # | 88       |
| 65) Chlorobenzene             | 11.673 | 112  | 49094    | 5.25   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.749 | 131  | 18661    | 4.99   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.743 | 91   | 83343    | 5.18   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.855 | 106  | 61729    | 9.78   | ug/l   | 100      |
| 69) o-Xylene                  | 12.179 | 106  | 26249    | 4.69   | ug/l   | 97       |
| 70) Styrene                   | 12.196 | 104  | 45179    | 4.64   | ug/l   | 97       |
| 71) Bromoform                 | 12.367 | 173  | 9491     | 4.87   | ug/l # | 87       |
| 73) Isopropylbenzene          | 12.479 | 105  | 71759    | 4.96   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.290 | 43   | 16938    | 8.30   | ug/l # | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 14986    | 7.39   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 19845    | 12.62  | ug/l # | 100      |
| 77) Bromobenzene              | 12.761 | 156  | 16698    | 4.70   | ug/l   | 92       |
| 78) n-propylbenzene           | 12.820 | 91   | 92643    | 5.66   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 52317    | 5.47   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 58901    | 4.73   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 3826     | 5.74   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.008 | 91   | 55691    | 5.47   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.226 | 119  | 48613    | 4.64   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 56361    | 4.55   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.402 | 105  | 72215    | 5.06   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 62969    | 4.58   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 36890    | 5.34   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.596 | 146  | 35454    | 5.14   | ug/l   | 90       |
| 89) n-Butylbenzene            | 13.843 | 91   | 65136    | 5.55   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.114 | 117  | 13677    | 5.28   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.890 | 146  | 29545    | 4.96   | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.514 | 75   | 2820     | 7.13   | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.161 | 180  | 16648    | 4.13   | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 15.273 | 225  | 10577    | 4.08   | ug/l   | 99       |
| 95) Naphthalene               | 15.402 | 128  | 25904    | 3.91   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.590 | 180  | 14484    | 4.17   | ug/l   | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD122220\  
Data File : VD067935.D  
Acq On : 22 Dec 2020 15:51  
Operator : VA/SY  
Sample : VSTDIC005  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

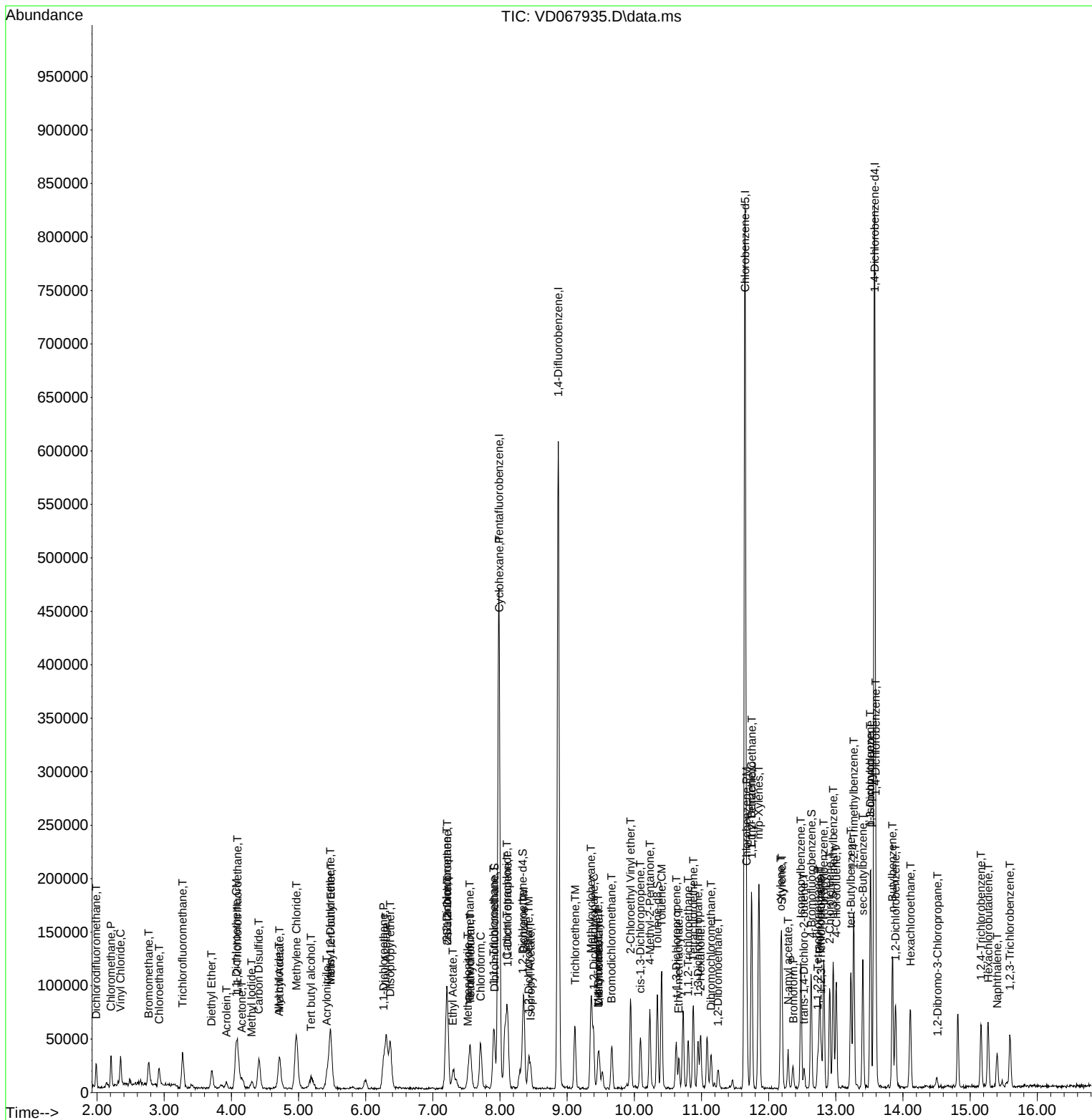
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

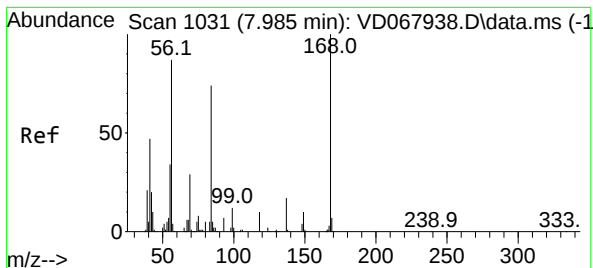
Quant Time: Dec 23 07:07:48 2020  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122220S.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 23 07:02:51 2020  
Response via : Initial Calibration

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

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

Quant Time: Dec 23 07:07:48 2020  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122220S.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 23 07:02:51 2020  
Response via : Initial Calibration

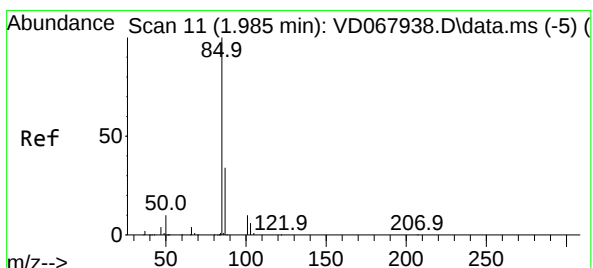
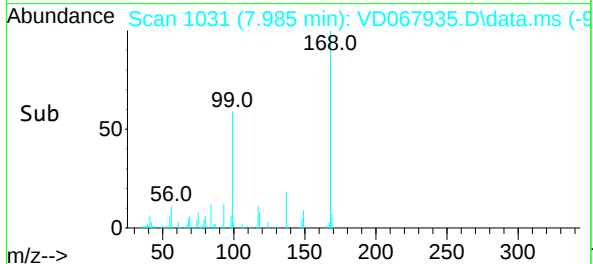
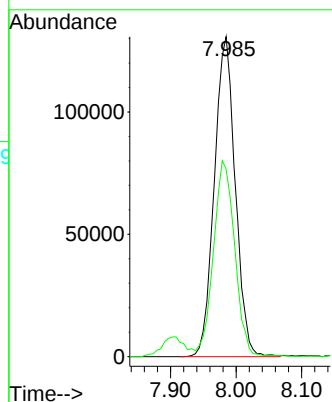
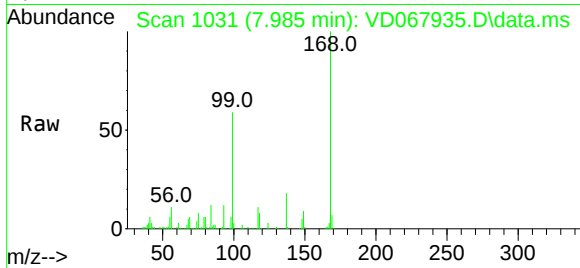




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

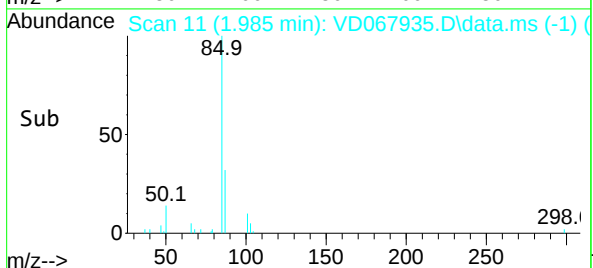
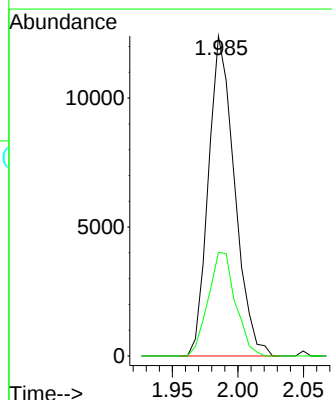
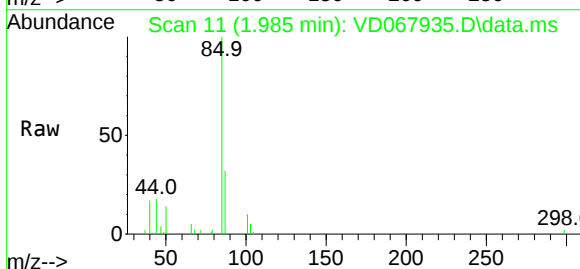
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

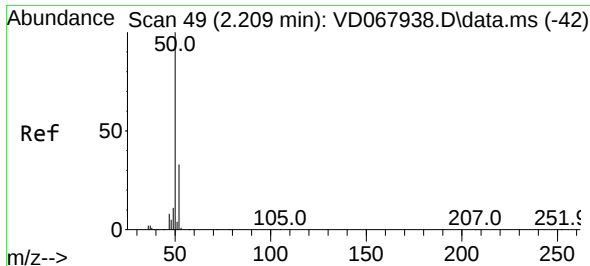
Tgt Ion:168 Resp: 289407  
Ion Ratio Lower Upper  
168 100  
99 58.3 48.0 72.0



#2  
Dichlorodifluoromethane  
Concen: 6.69 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 85 Resp: 17209  
Ion Ratio Lower Upper  
85 100  
87 32.3 17.1 51.3

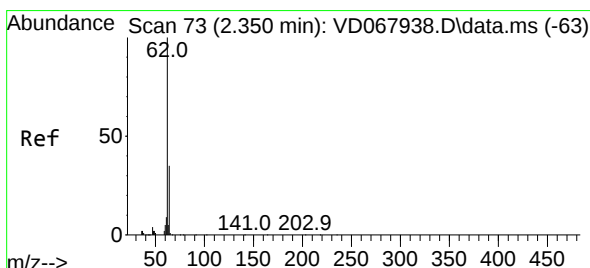
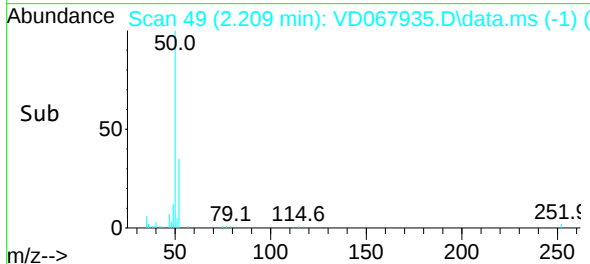
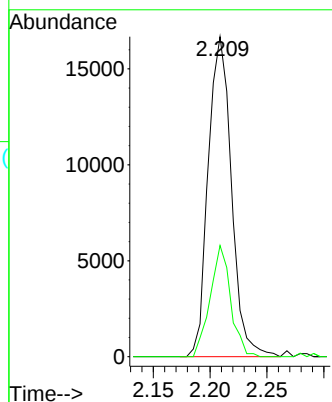
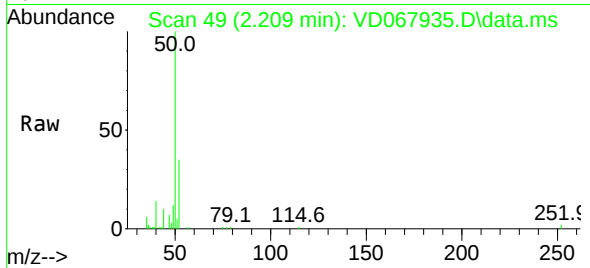




#3  
Chloromethane  
Concen: 13.02 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

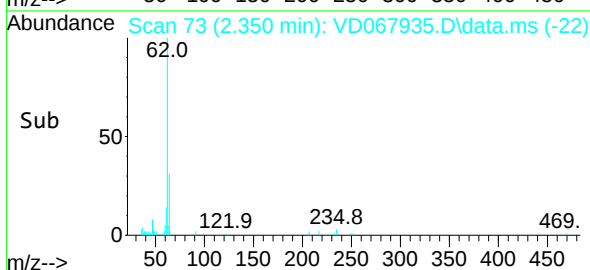
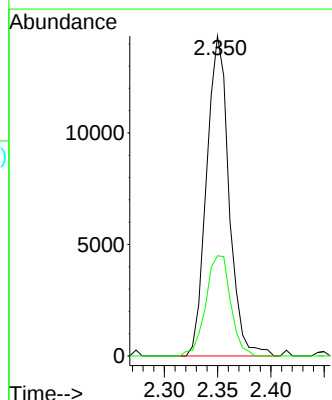
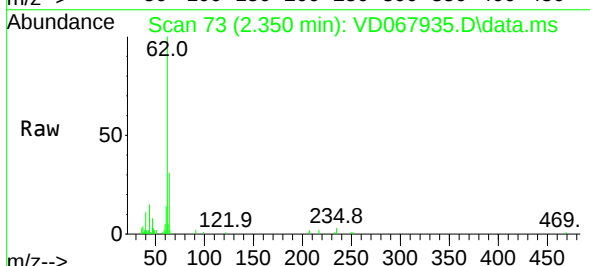
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

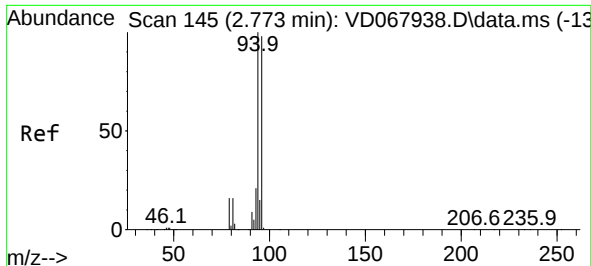
Tgt Ion: 50 Resp: 23780  
Ion Ratio Lower Upper  
50 100  
52 34.7 26.2 39.4



#4  
Vinyl Chloride  
Concen: 9.92 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 62 Resp: 21025  
Ion Ratio Lower Upper  
62 100  
64 31.3 28.1 42.1

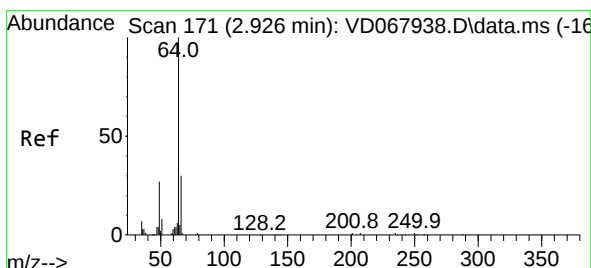
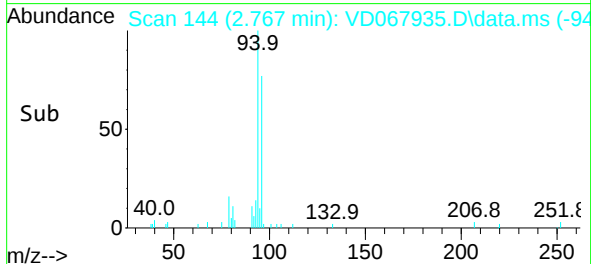
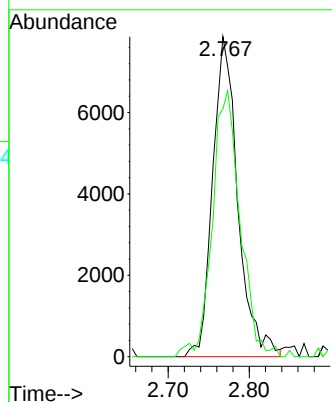
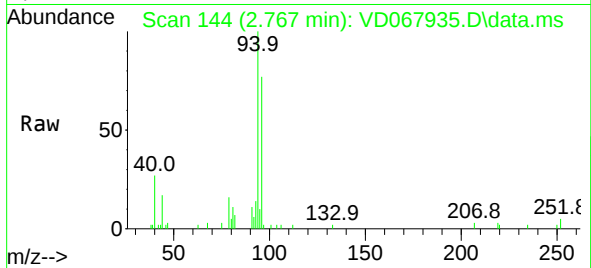




#5  
Bromomethane  
Concen: 9.55 ug/l  
RT: 2.767 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

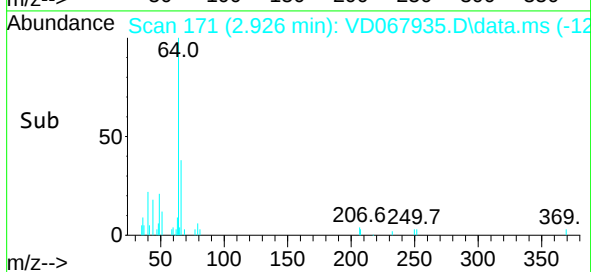
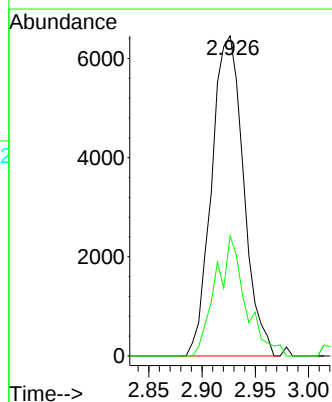
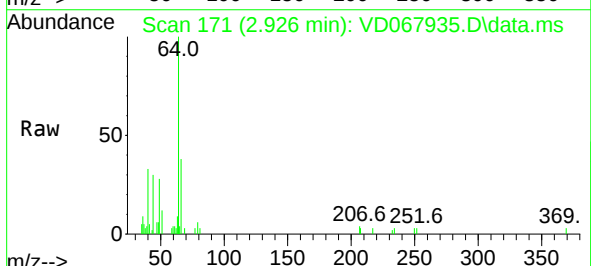
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

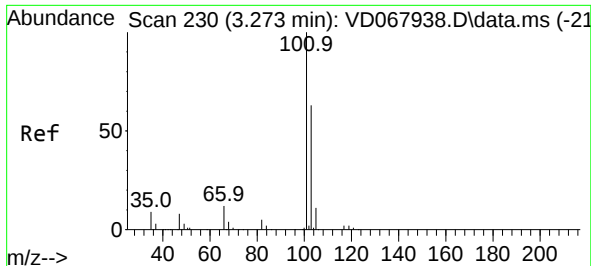
Tgt Ion: 94 Resp: 16928  
Ion Ratio Lower Upper  
94 100  
96 77.4 78.0 117.0#



#6  
Chloroethane  
Concen: 10.00 ug/l  
RT: 2.926 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 64 Resp: 13442  
Ion Ratio Lower Upper  
64 100  
66 37.5 24.1 36.1#

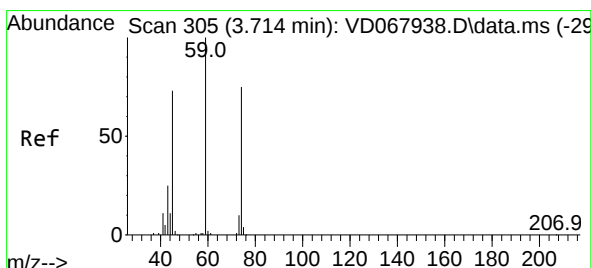
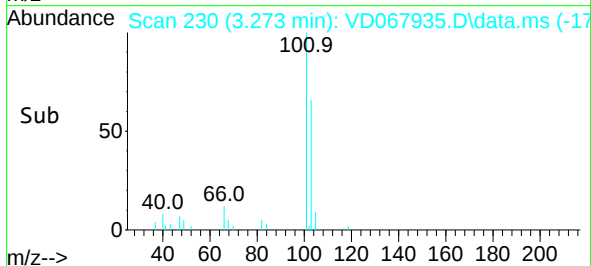
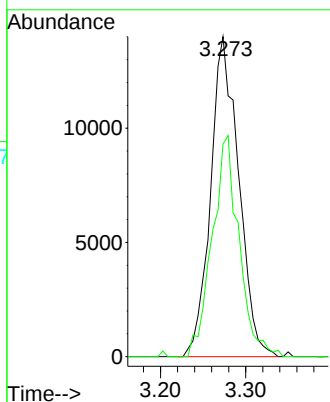
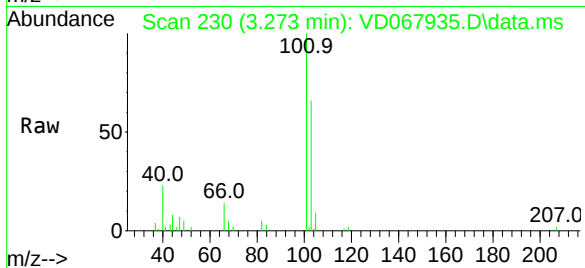




#7  
Trichlorofluoromethane  
Concen: 5.75 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

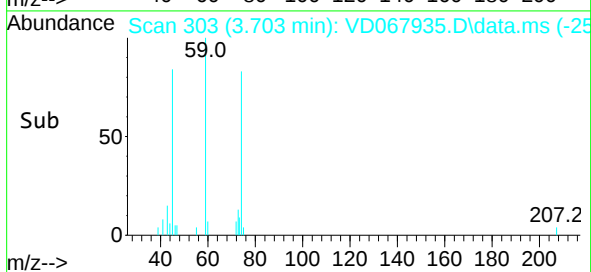
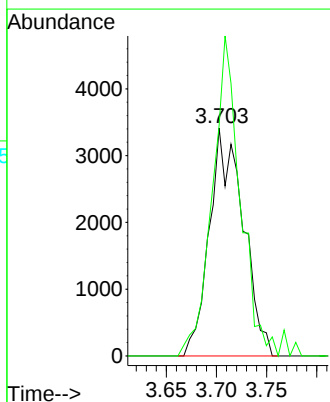
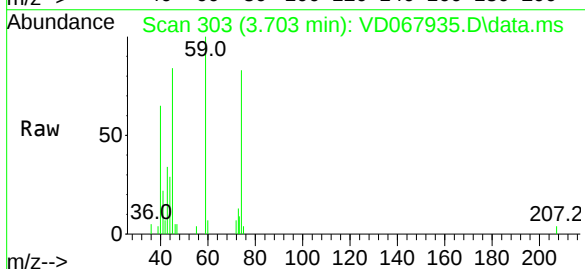
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

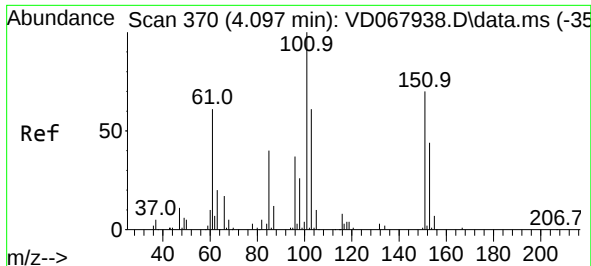
Tgt Ion:101 Resp: 32032  
Ion Ratio Lower Upper  
101 100  
103 66.4 50.4 75.6



#8  
Diethyl Ether  
Concen: 6.80 ug/l  
RT: 3.703 min Scan# 303  
Delta R.T. -0.012 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 74 Resp: 7992  
Ion Ratio Lower Upper  
74 100  
45 115.7 51.8 155.5

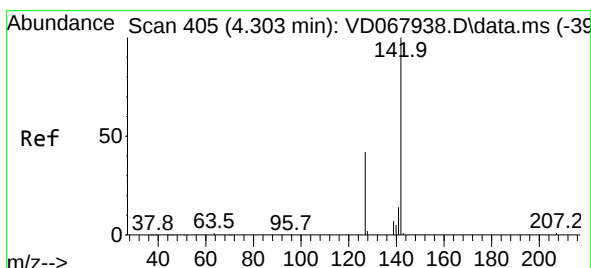
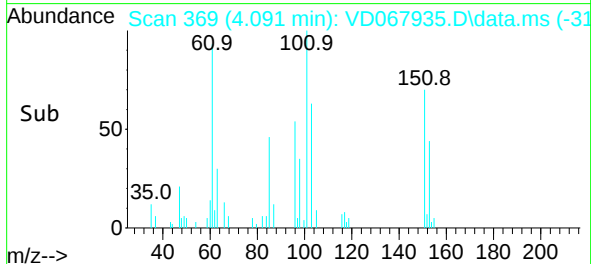
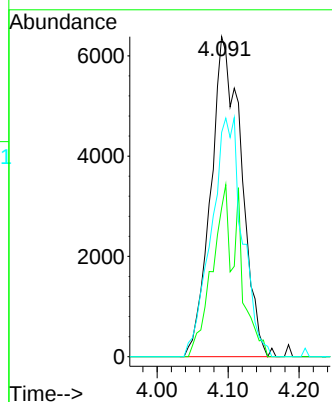
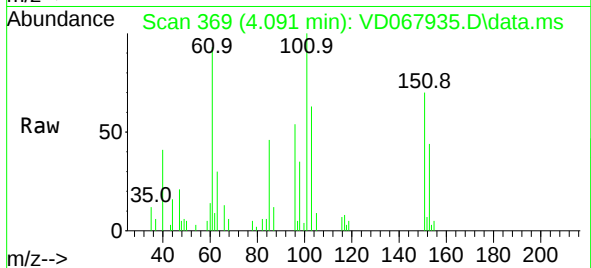




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 7.20 ug/l  
RT: 4.091 min Scan# 369  
Delta R.T. -0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

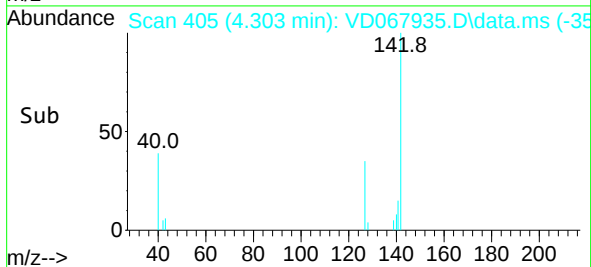
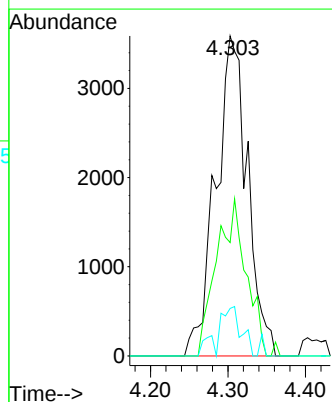
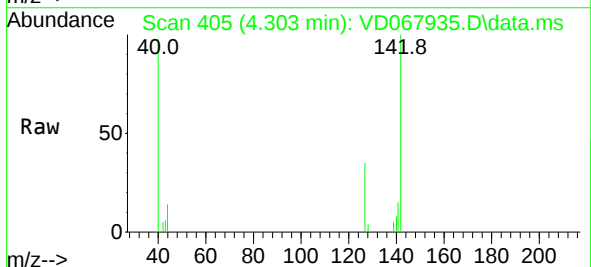
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

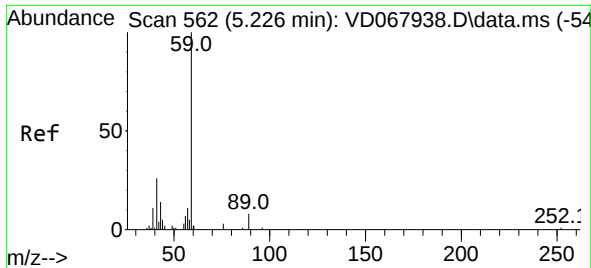
Tgt Ion:101 Resp: 19101  
Ion Ratio Lower Upper  
101 100  
85 33.1 34.2 51.2#  
151 76.3 57.6 86.4



#10  
Methyl Iodide  
Concen: 3.68 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion:142 Resp: 10222  
Ion Ratio Lower Upper  
142 100  
127 45.9 34.4 51.6  
141 11.6 11.8 17.8#

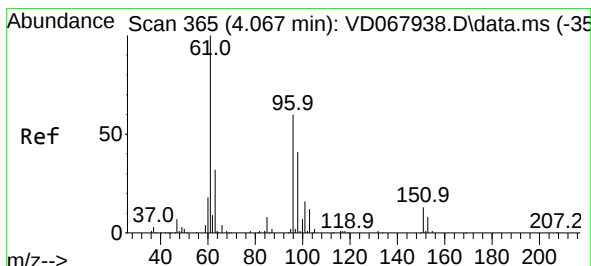
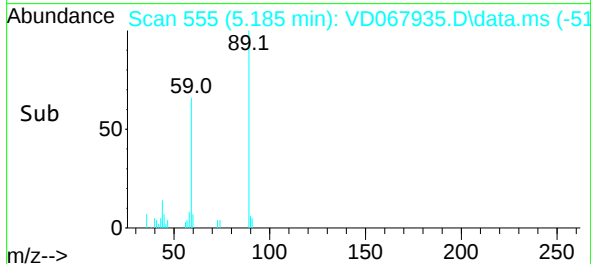
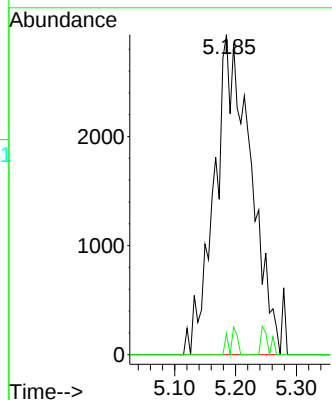
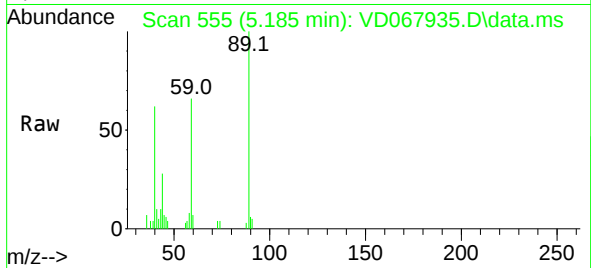




#11  
Tert butyl alcohol  
Concen: 49.99 ug/l  
RT: 5.185 min Scan# 555  
Delta R.T. -0.041 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

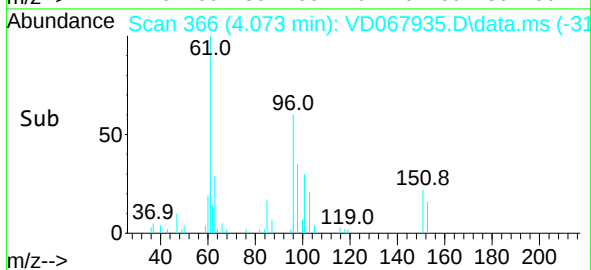
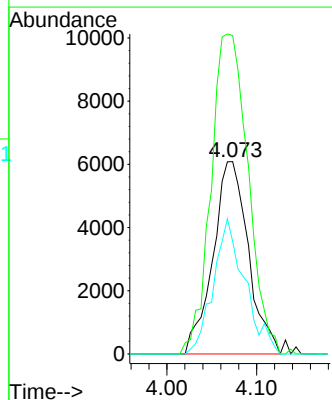
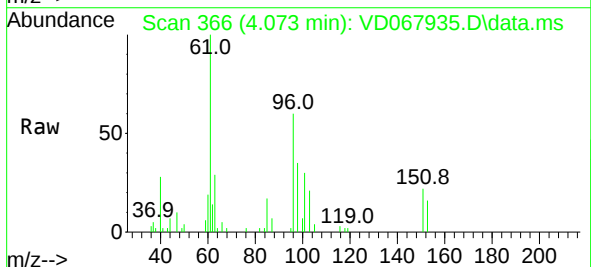
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

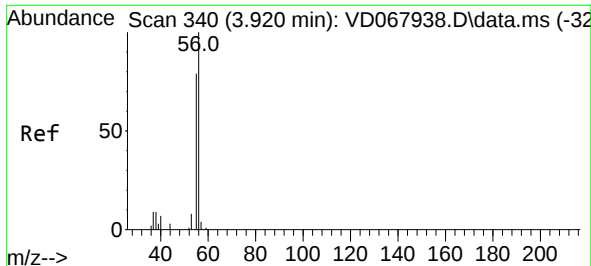
Tgt Ion: 59 Resp: 12179  
Ion Ratio Lower Upper  
59 100  
57 1.8 7.4 11.2#



#12  
1,1-Dichloroethene  
Concen: 6.63 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. 0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 96 Resp: 16645  
Ion Ratio Lower Upper  
96 100  
61 165.5 133.6 200.4  
98 58.5 54.8 82.2

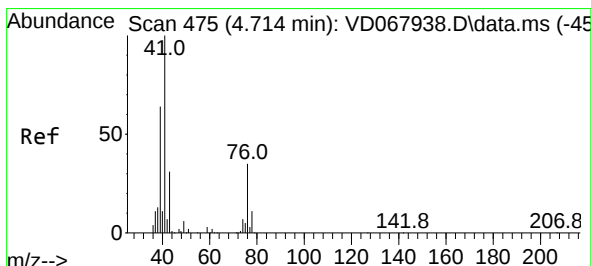
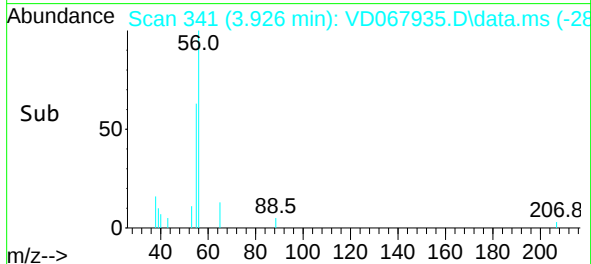
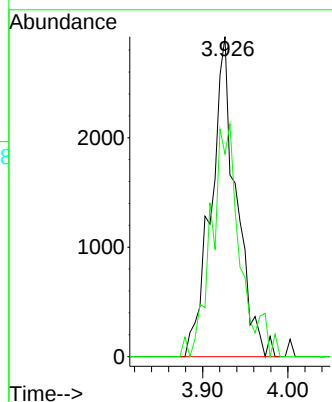
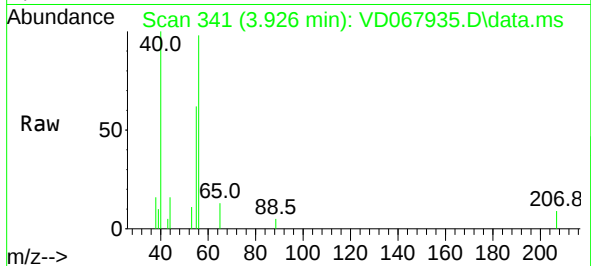




#13  
Acrolein  
Concen: 44.82 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

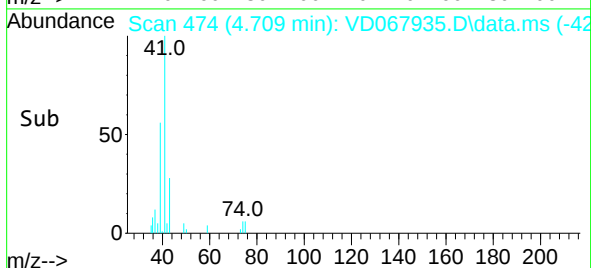
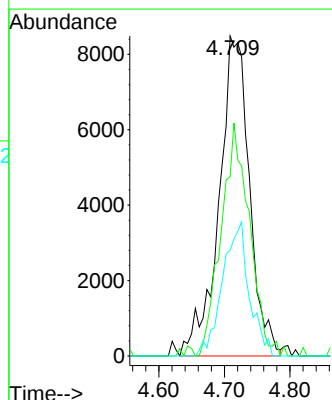
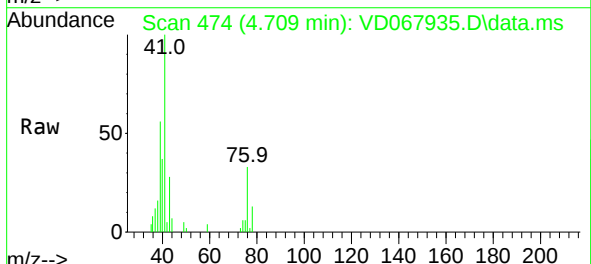
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

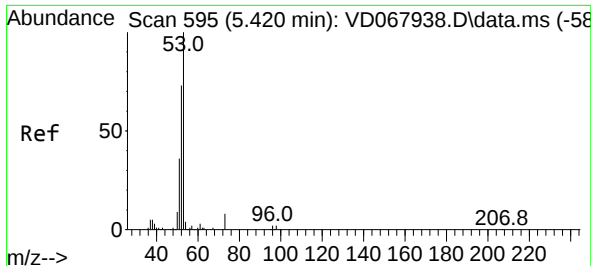
Tgt Ion: 56 Resp: 6035  
Ion Ratio Lower Upper  
56 100  
55 76.8 58.5 87.7



#14  
Allyl chloride  
Concen: 9.92 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 41 Resp: 27410  
Ion Ratio Lower Upper  
41 100  
39 67.6 50.5 75.7  
76 36.6 27.0 40.4

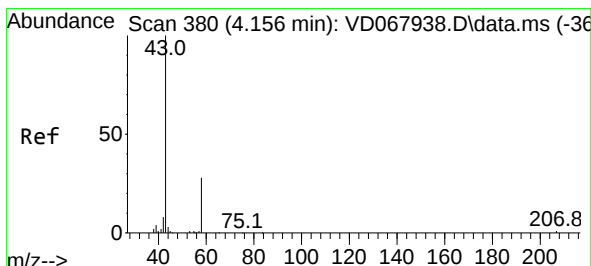
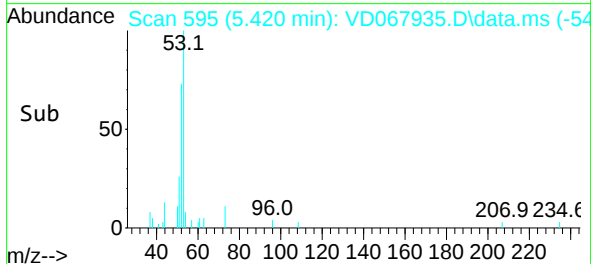
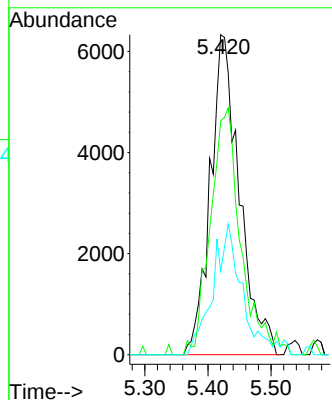
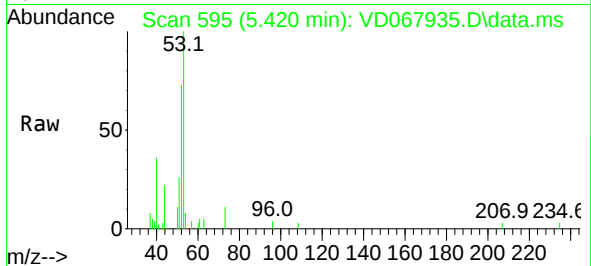




#15  
Acrylonitrile  
Concen: 46.96 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

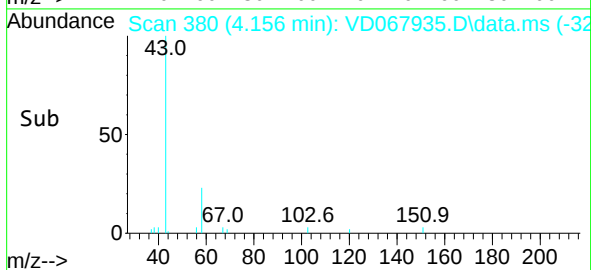
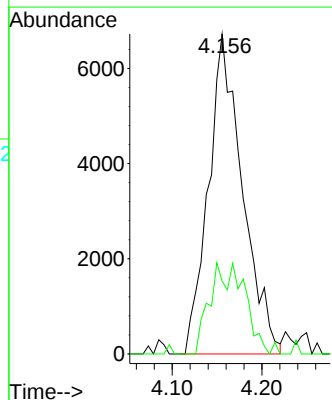
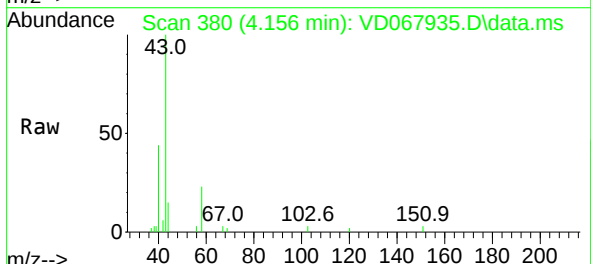
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

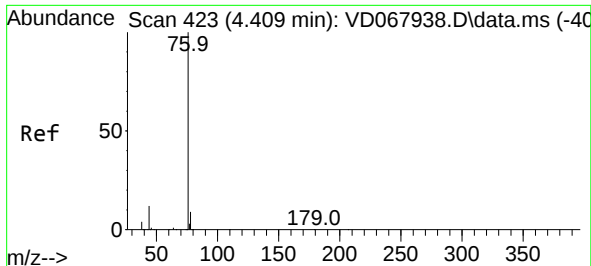
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 20349 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 78.6  | 65.3  | 97.9  |
| 51       | 40.0  | 29.4  | 44.2  |



#16  
Acetone  
Concen: 44.23 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 17730 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 22.7  | 22.3  | 33.5  |

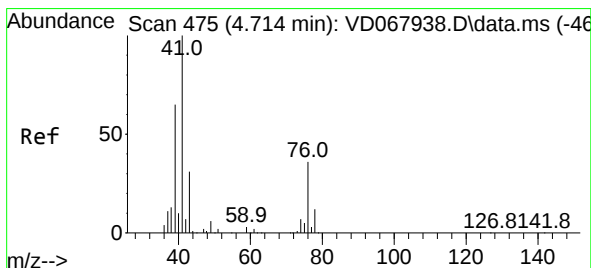
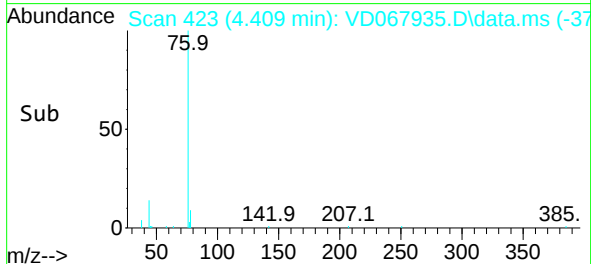
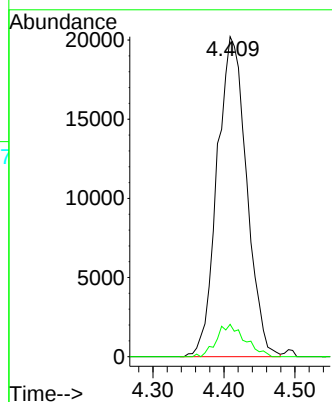
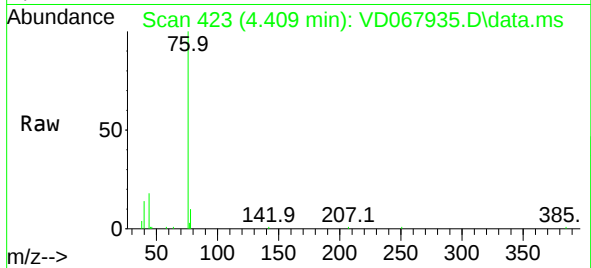




#17  
Carbon Disulfide  
Concen: 7.87 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

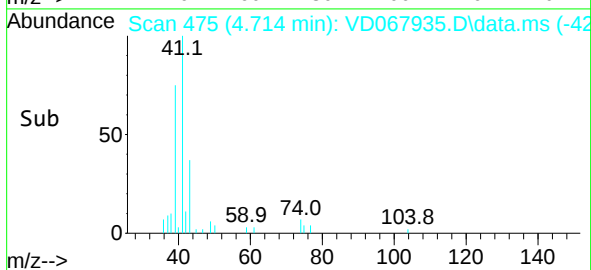
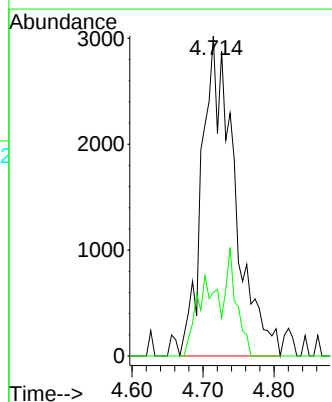
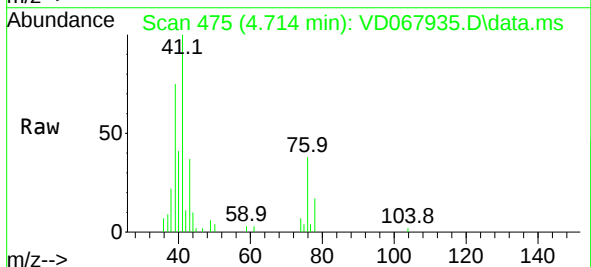
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

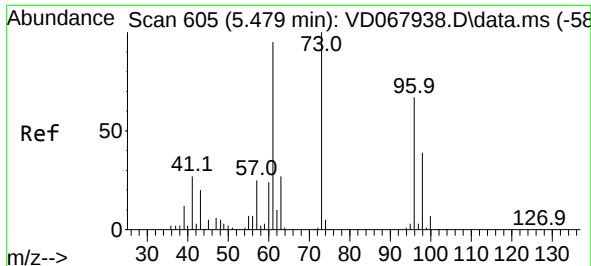
Tgt Ion: 76 Resp: 58217  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.1 10.7



#18  
Methyl Acetate  
Concen: 10.31 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 43 Resp: 9627  
Ion Ratio Lower Upper  
43 100  
74 16.0 18.2 27.2#



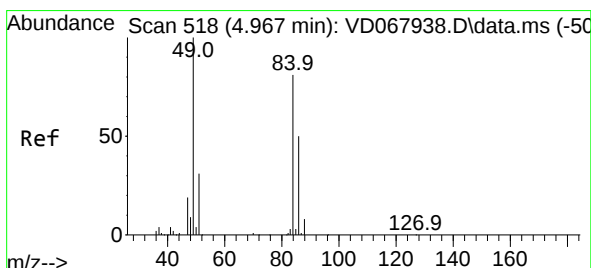
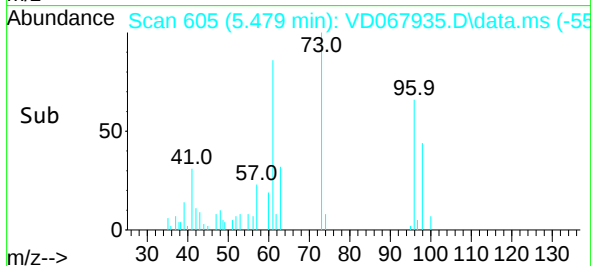
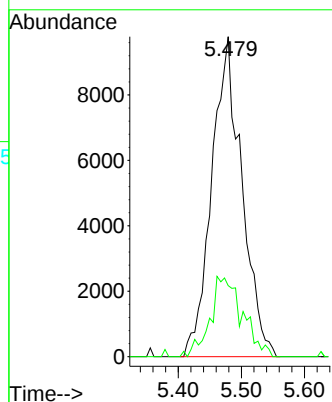
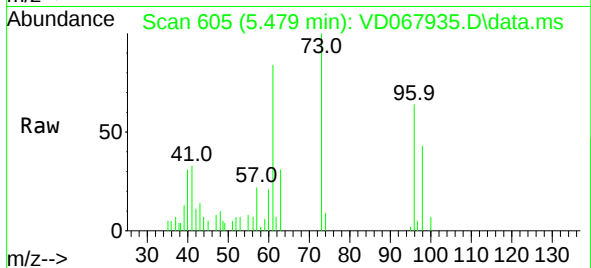


#19

Methyl tert-butyl Ether  
 Concen: 6.08 ug/l  
 RT: 5.479 min Scan# 605  
 Delta R.T. 0.000 min  
 Lab File: VD067935.D  
 Acq: 22 Dec 2020 15:51

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

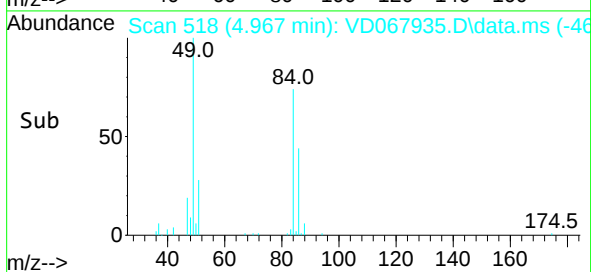
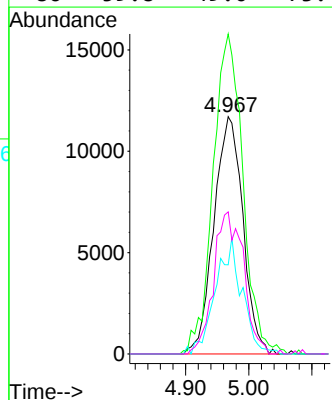
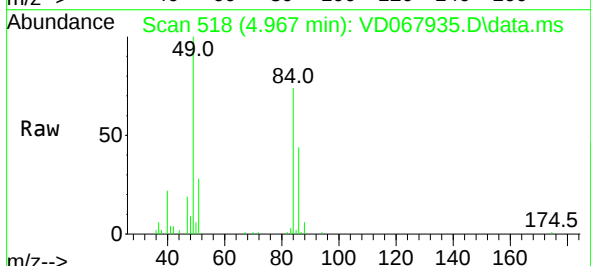
Tgt Ion: 73 Resp: 32383  
 Ion Ratio Lower Upper  
 73 100  
 57 22.2 19.8 29.6

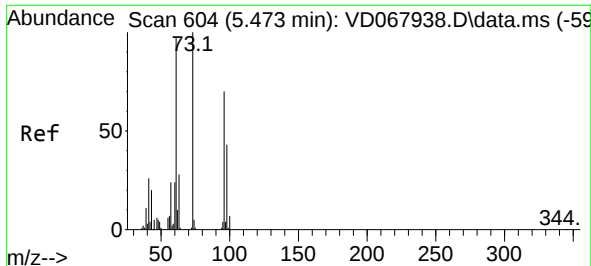


#20

Methylene Chloride  
 Concen: 11.88 ug/l  
 RT: 4.967 min Scan# 518  
 Delta R.T. 0.000 min  
 Lab File: VD067935.D  
 Acq: 22 Dec 2020 15:51

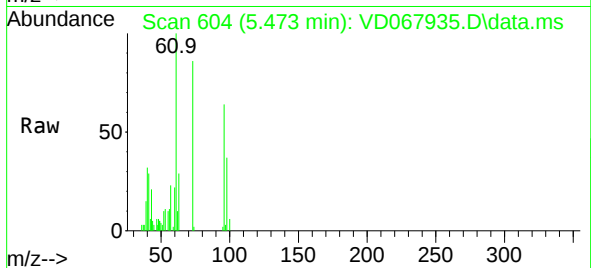
Tgt Ion: 84 Resp: 37326  
 Ion Ratio Lower Upper  
 84 100  
 49 134.8 98.3 147.5  
 51 37.5 30.3 45.5  
 86 59.8 49.0 73.4



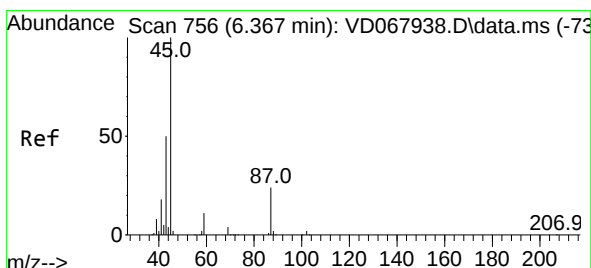
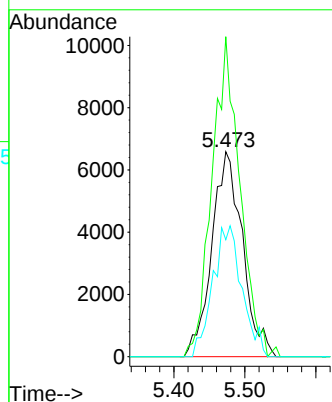
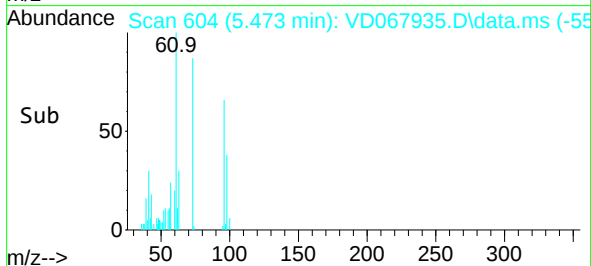


#21  
trans-1,2-Dichloroethene  
Concen: 6.79 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

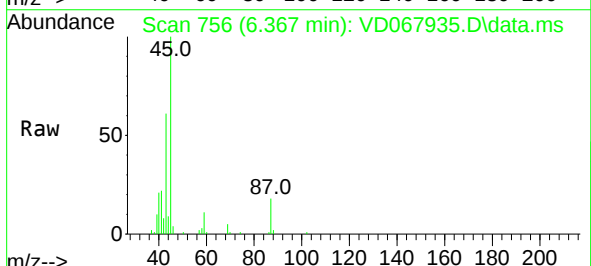
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005



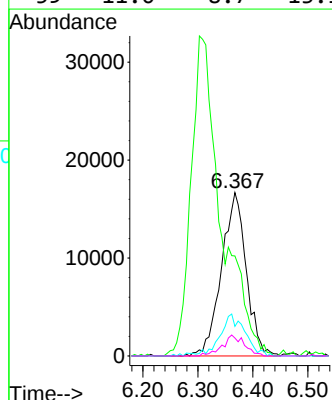
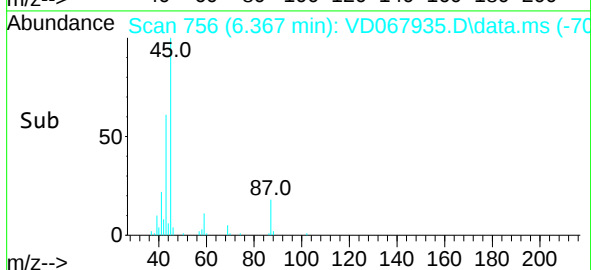
Tgt Ion: 96 Resp: 19690  
Ion Ratio Lower Upper  
96 100  
61 156.1 109.9 164.9  
98 57.0 49.0 73.4

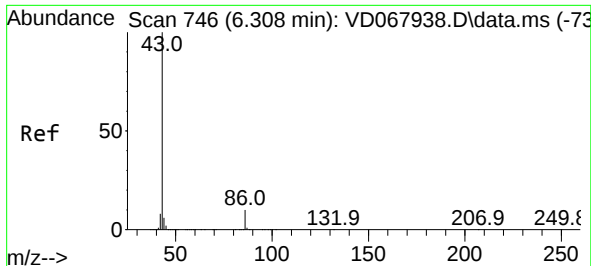


#22  
Diisopropyl ether  
Concen: 9.39 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51



Tgt Ion: 45 Resp: 52340  
Ion Ratio Lower Upper  
45 100  
43 59.8 40.2 60.4  
87 18.1 19.2 28.8#  
59 11.0 8.7 13.1

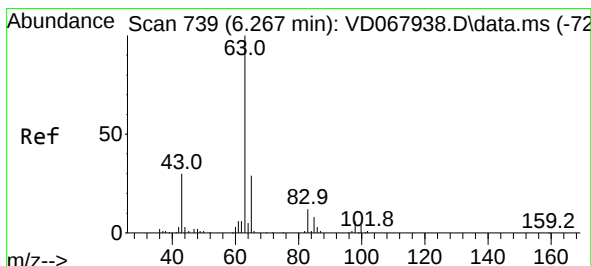
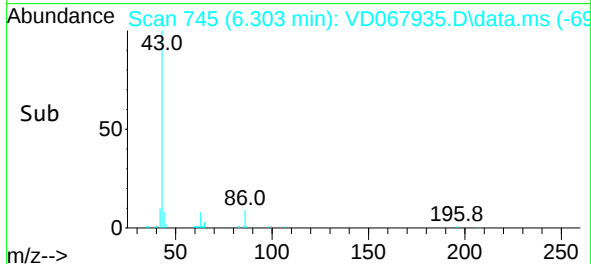
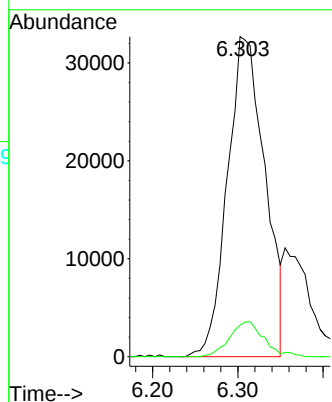
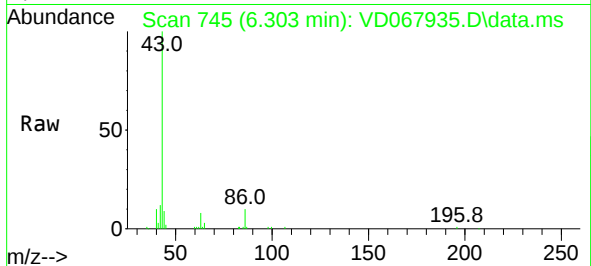




#23  
 Vinyl Acetate  
 Concen: 33.23 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.006 min  
 Lab File: VD067935.D  
 Acq: 22 Dec 2020 15:51

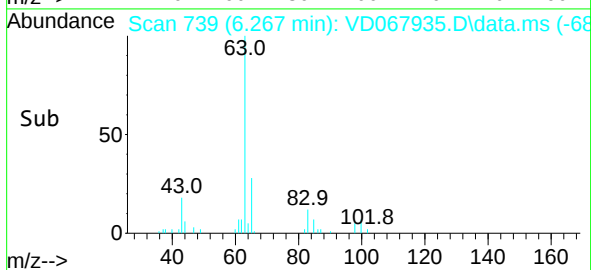
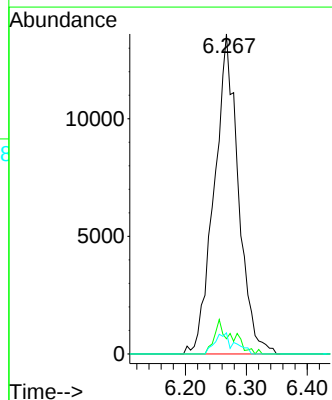
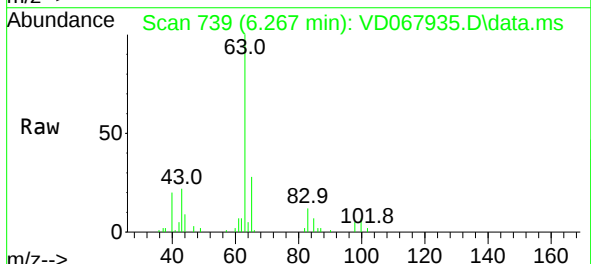
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

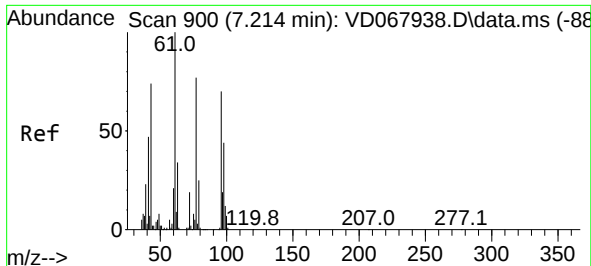
Tgt Ion: 43 Resp: 100000  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 7.9 11.9



#24  
 1,1-Dichloroethane  
 Concen: 8.64 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. 0.000 min  
 Lab File: VD067935.D  
 Acq: 22 Dec 2020 15:51

Tgt Ion: 63 Resp: 37423  
 Ion Ratio Lower Upper  
 63 100  
 98 4.8 2.9 8.6  
 100 6.6 1.9 5.7#

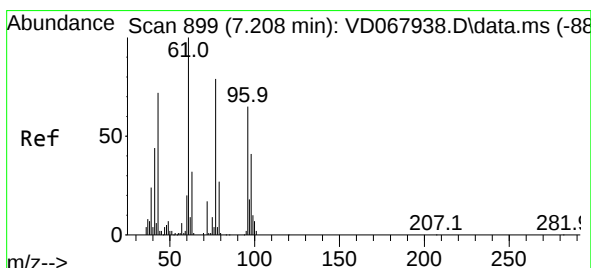
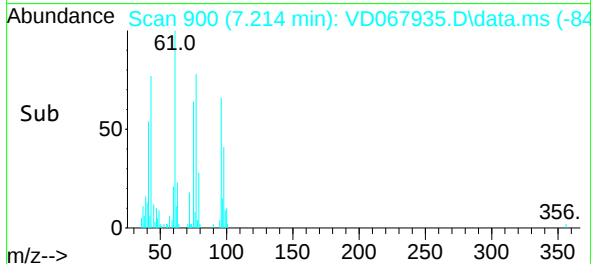
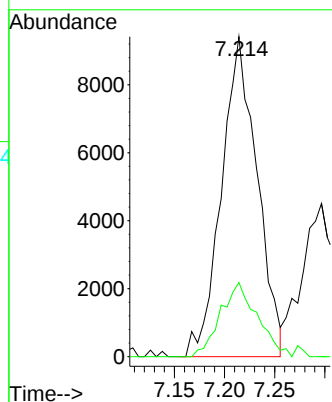
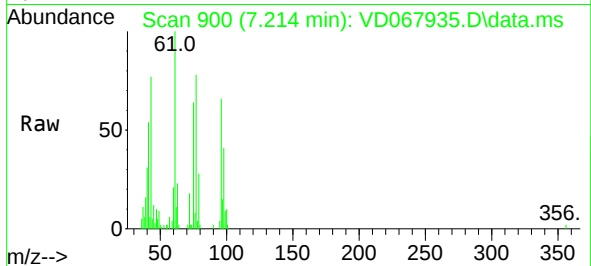




#25  
2-Butanone  
Concen: 49.43 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

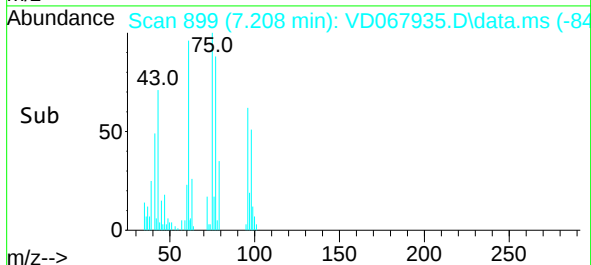
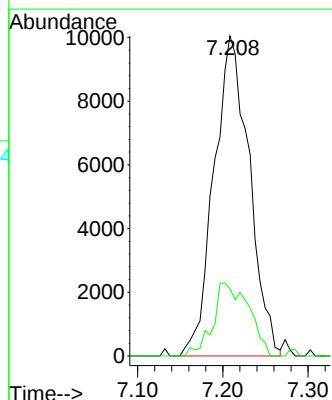
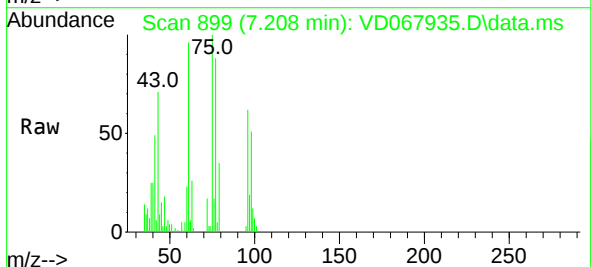
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

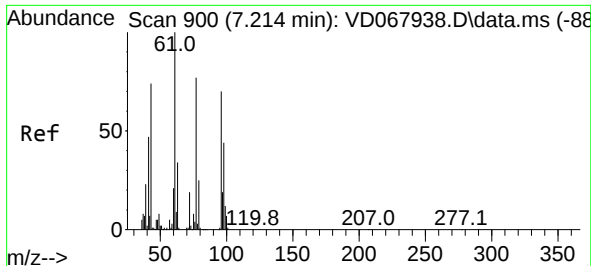
Tgt Ion: 43 Resp: 23248  
Ion Ratio Lower Upper  
43 100  
72 23.2 20.8 31.2



#26  
2,2-Dichloropropane  
Concen: 6.11 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 77 Resp: 29030  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.4 34.2

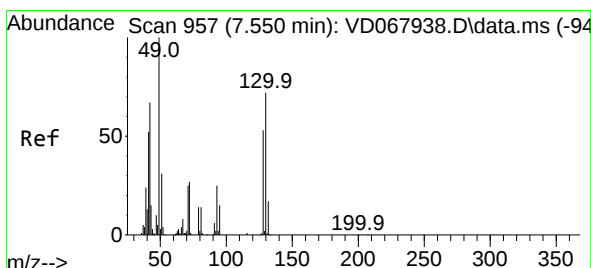
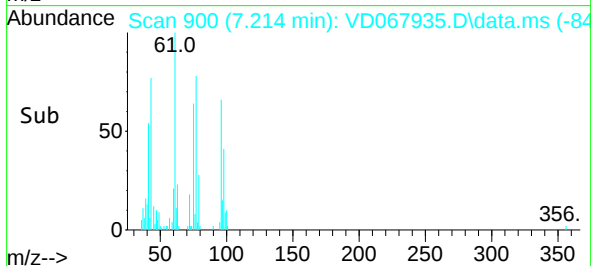
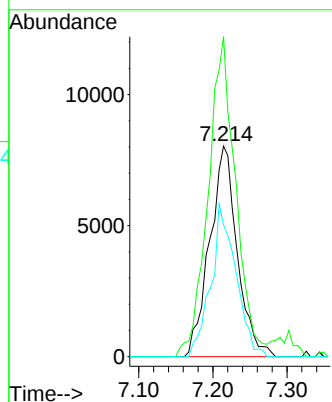
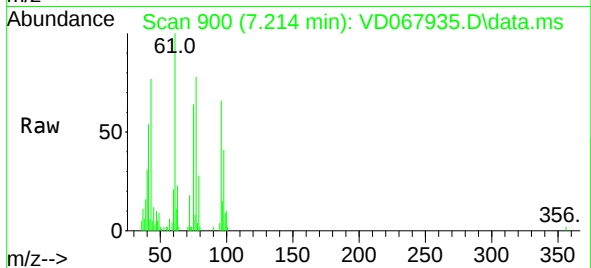




#27  
 cis-1,2-Dichloroethene  
 Concen: 6.61 ug/l  
 RT: 7.214 min Scan# 900  
 Delta R.T. 0.000 min  
 Lab File: VD067935.D  
 Acq: 22 Dec 2020 15:51

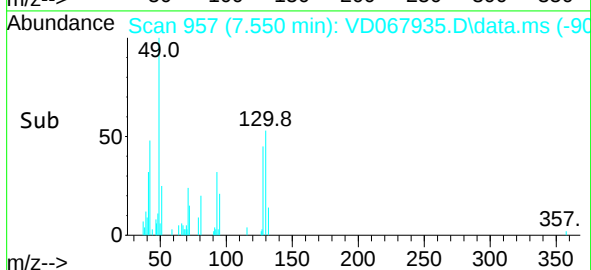
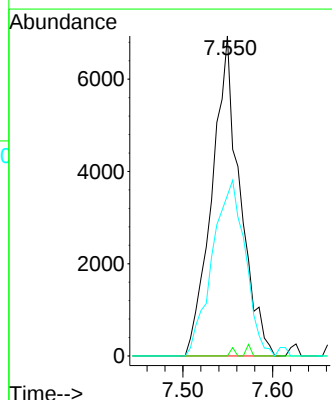
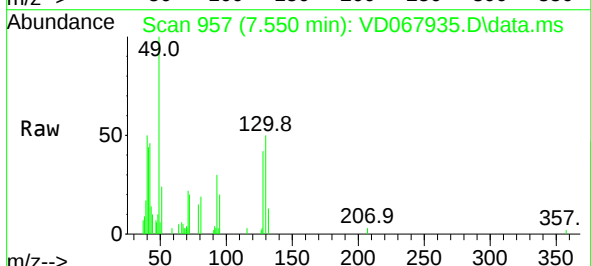
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

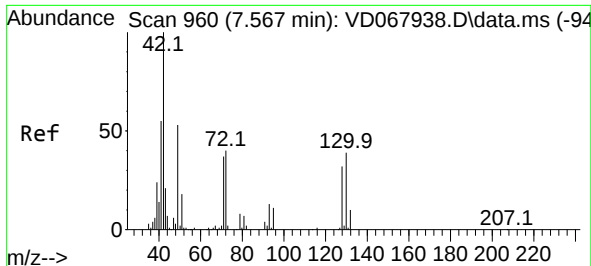
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 20766 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 151.7 | 0.0   | 295.4 |
| 98        | 65.5  | 0.0   | 130.4 |



#28  
 Bromochloromethane  
 Concen: 10.19 ug/l  
 RT: 7.550 min Scan# 957  
 Delta R.T. 0.000 min  
 Lab File: VD067935.D  
 Acq: 22 Dec 2020 15:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 49    | Resp: | 15011 |
| Ion Ratio | Lower | Upper |       |
| 49        | 100   |       |       |
| 129       | 0.4   | 0.0   | 4.4   |
| 130       | 64.6  | 54.8  | 82.2  |





#29

Tetrahydrofuran

Concen: 52.68 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD067935.D

Acq: 22 Dec 2020 15:51

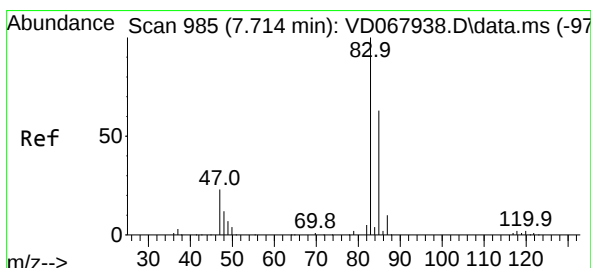
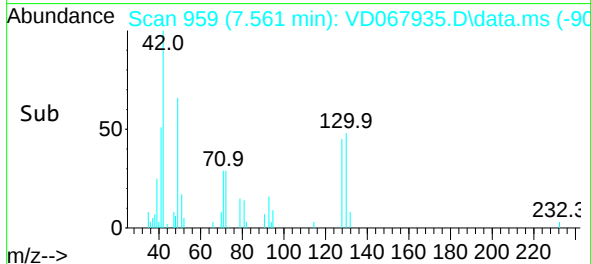
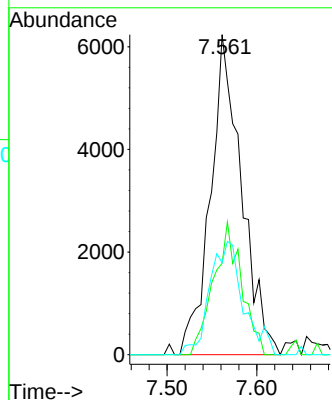
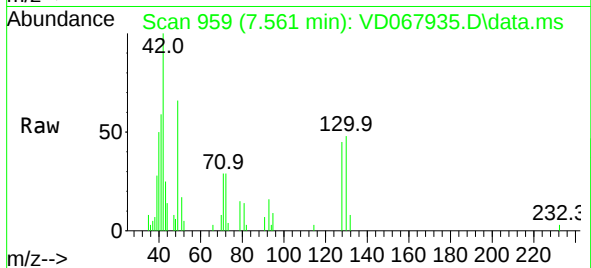
Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 14994 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 37.2  | 32.9  | 49.3  |
| 71       | 38.3  | 29.9  | 44.9  |



#30

Chloroform

Concen: 6.25 ug/l

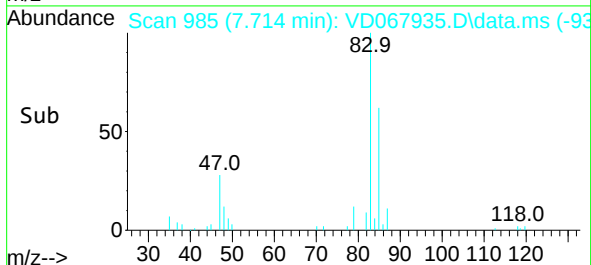
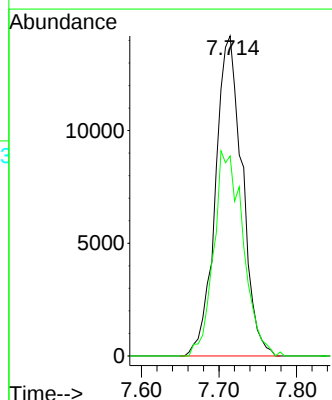
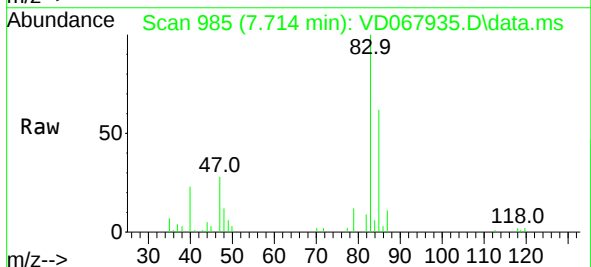
RT: 7.714 min Scan# 985

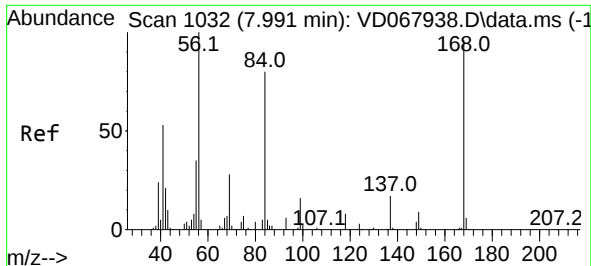
Delta R.T. 0.000 min

Lab File: VD067935.D

Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 34131 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.5  | 50.5  | 75.7  |

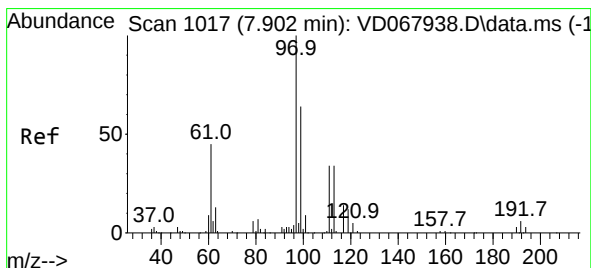
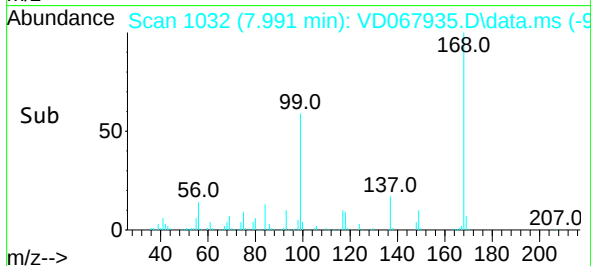
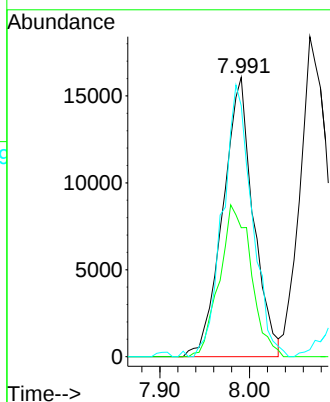
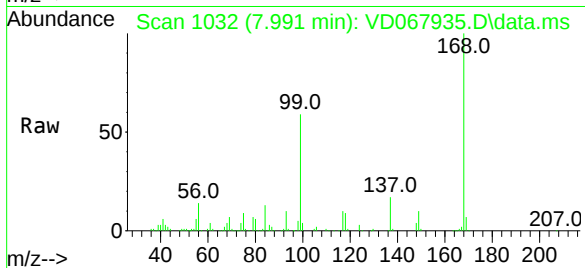




#31  
Cyclohexane  
Concen: 10.14 ug/l  
RT: 7.991 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

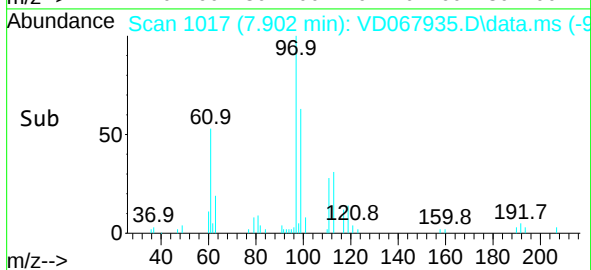
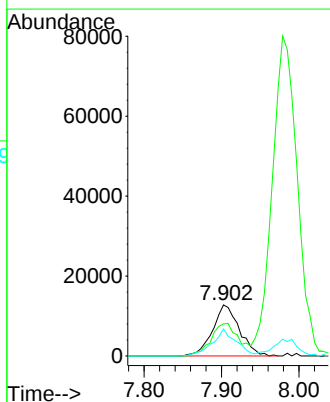
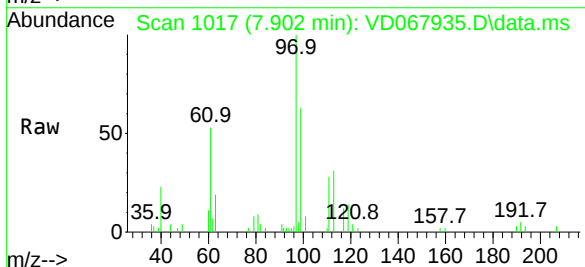
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

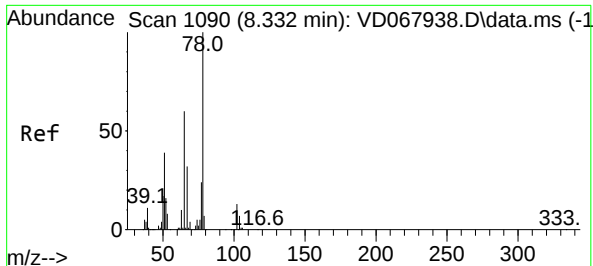
Tgt Ion: 56 Resp: 37888  
Ion Ratio Lower Upper  
56 100  
69 46.2 22.7 34.1#  
84 89.8 64.2 96.4



#32  
1,1,1-Trichloroethane  
Concen: 5.54 ug/l  
RT: 7.902 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 97 Resp: 30651  
Ion Ratio Lower Upper  
97 100  
99 66.8 51.0 76.6  
61 46.8 35.8 53.8

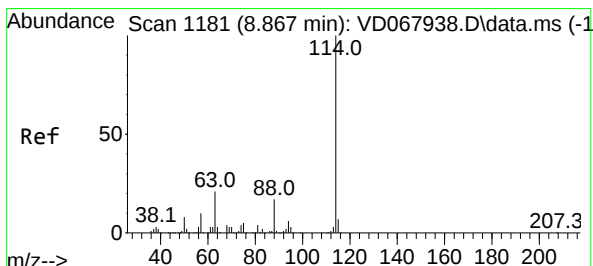
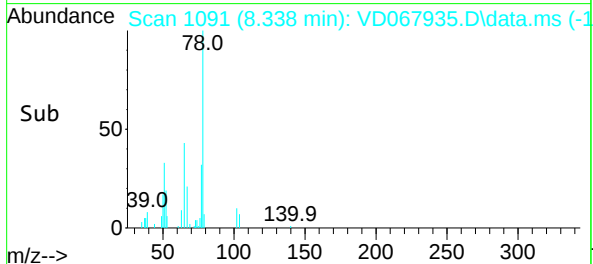
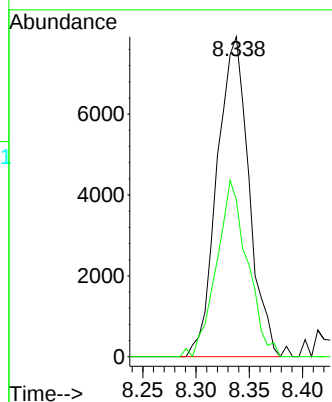
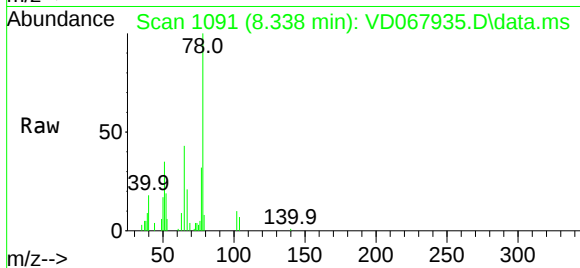




#33  
1,2-Dichloroethane-d4  
Concen: 5.40 ug/l  
RT: 8.338 min Scan# 1091  
Delta R.T. 0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

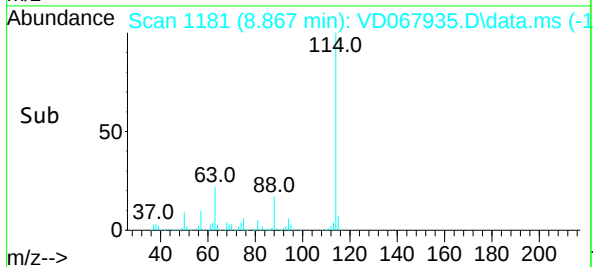
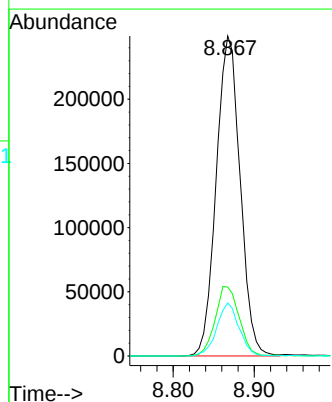
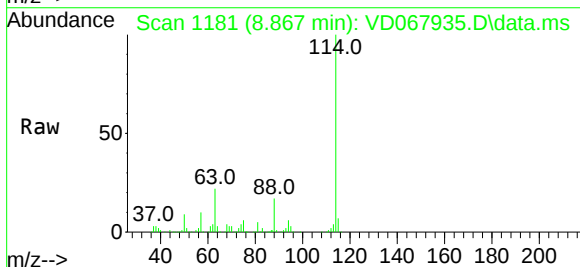
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

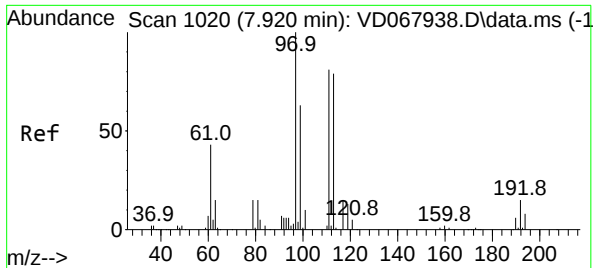
Tgt Ion: 65 Resp: 16466  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 110.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 114 Resp: 509966  
Ion Ratio Lower Upper  
114 100  
63 21.6 0.0 41.4  
88 16.6 0.0 33.2

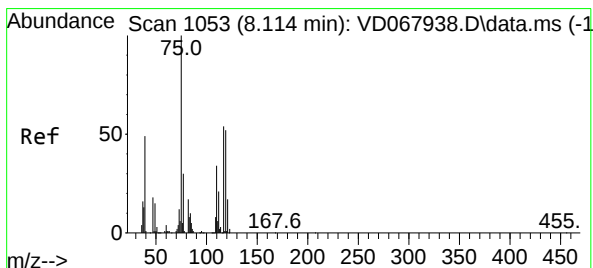
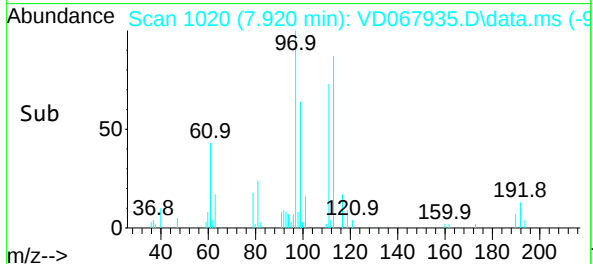
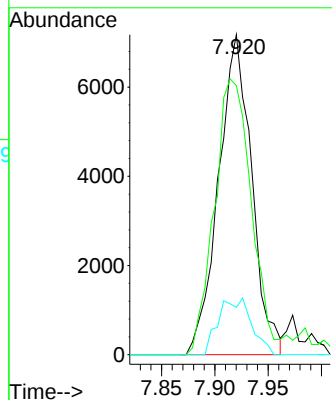
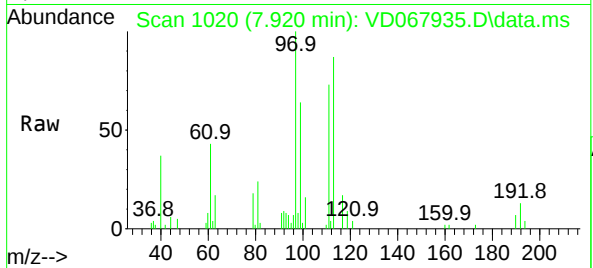




#35  
Dibromofluoromethane  
Concen: 4.66 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

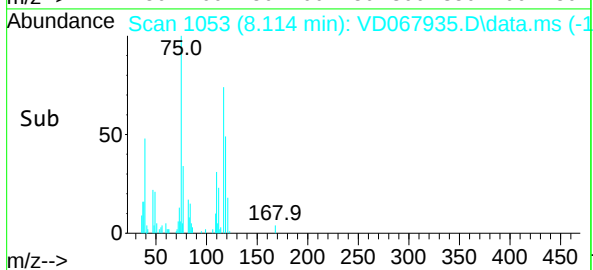
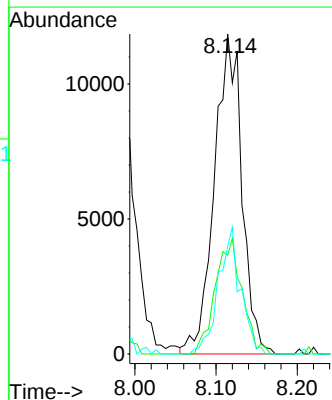
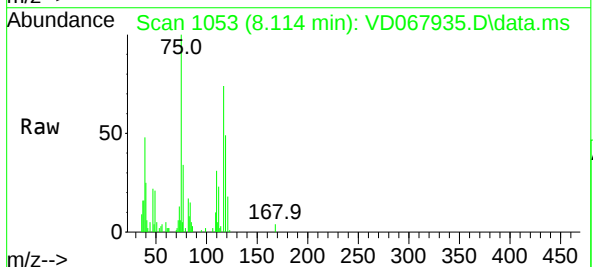
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

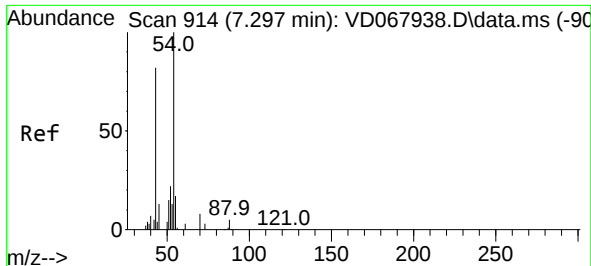
Tgt Ion:113 Resp: 15510  
Ion Ratio Lower Upper  
113 100  
111 96.0 79.3 118.9  
192 17.6 14.5 21.7



#36  
1,1-Dichloropropene  
Concen: 6.13 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 75 Resp: 27874  
Ion Ratio Lower Upper  
75 100  
110 35.1 17.0 51.0  
77 31.8 24.6 37.0





#37

Ethyl Acetate

Concen: 7.49 ug/l

RT: 7.297 min Scan# 914

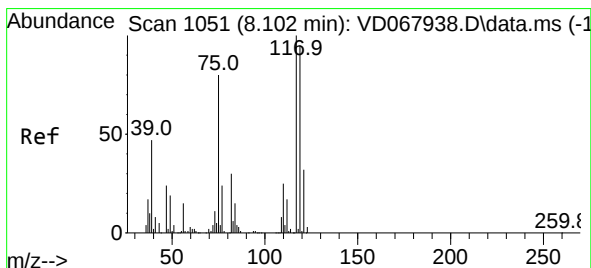
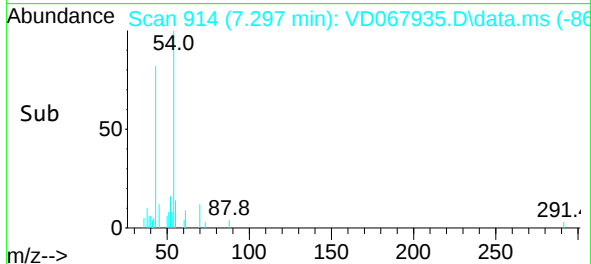
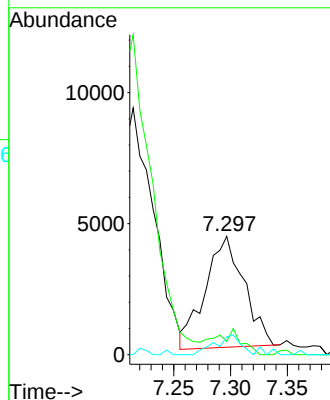
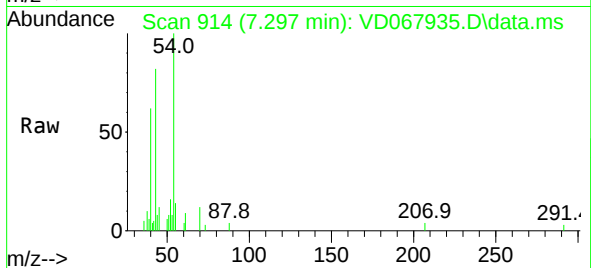
Delta R.T. 0.000 min

Lab File: VD067935.D

Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 10053 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 10.2  | 15.4# |
| 70       | 11.6  | 8.3   | 12.5  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005



#38

Carbon Tetrachloride

Concen: 4.52 ug/l

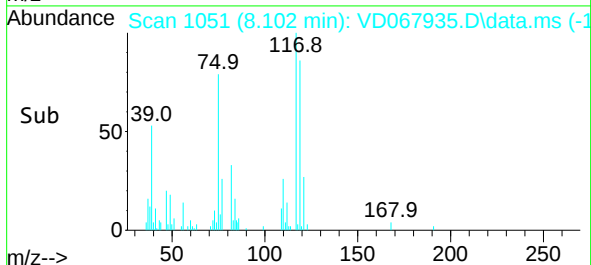
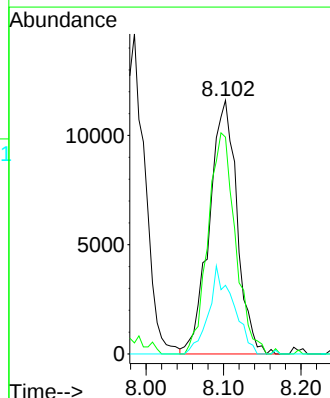
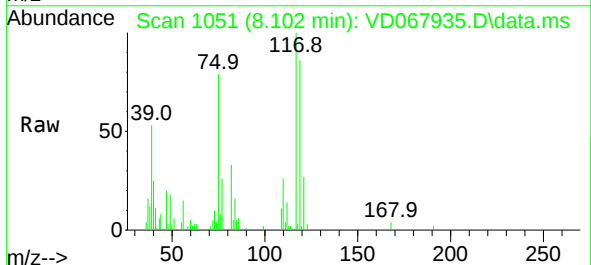
RT: 8.102 min Scan# 1051

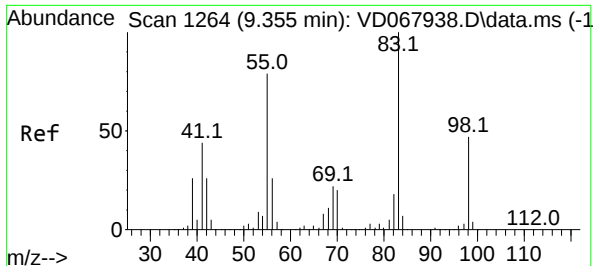
Delta R.T. 0.000 min

Lab File: VD067935.D

Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 28913 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 85.5  | 76.2  | 114.4 |
| 121      | 27.1  | 25.9  | 38.9  |





#39

Methylcyclohexane

Concen: 5.87 ug/l

RT: 9.355 min Scan# 1264

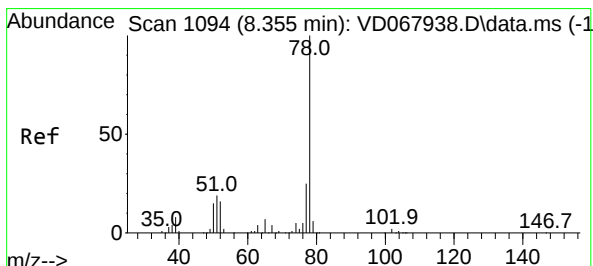
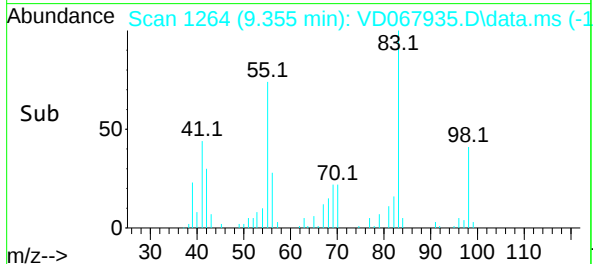
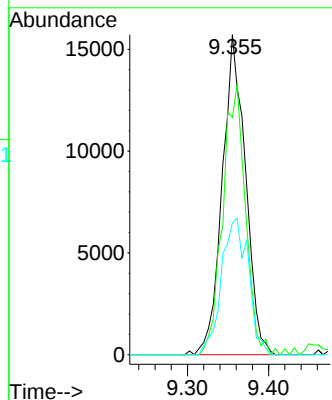
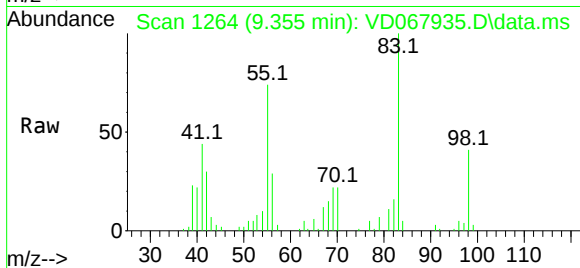
Delta R.T. 0.000 min

Lab File: VD067935.D

Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 31237 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 74.1  | 63.5  | 95.3  |
| 98       | 41.2  | 37.3  | 55.9  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005



#40

Benzene

Concen: 6.22 ug/l

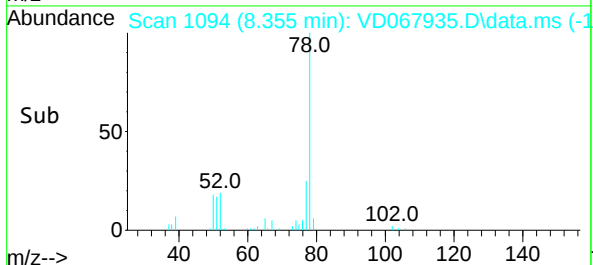
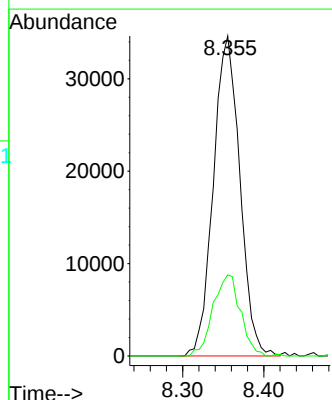
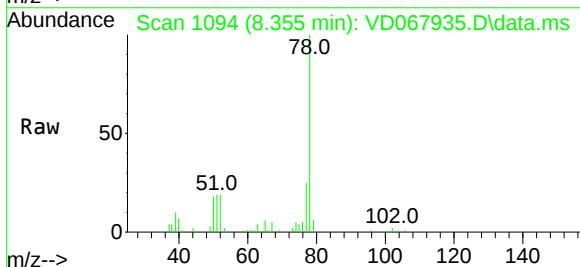
RT: 8.355 min Scan# 1094

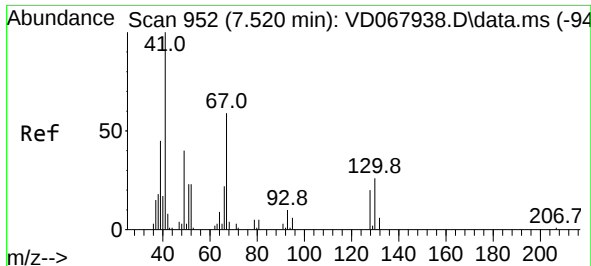
Delta R.T. 0.000 min

Lab File: VD067935.D

Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 78549 |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 25.3  | 20.1  | 30.1  |

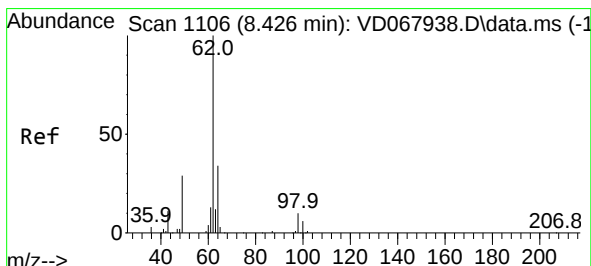
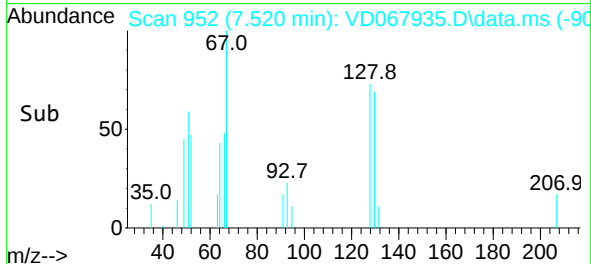
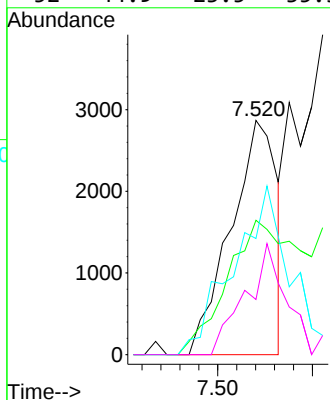
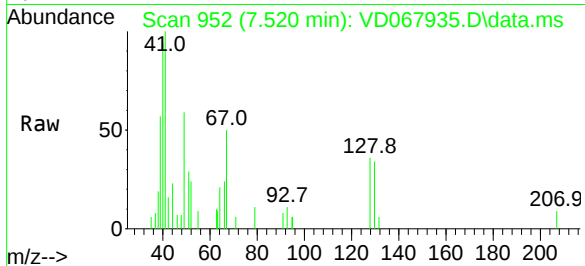




#41  
Methacrylonitrile  
Concen: 7.04 ug/l  
RT: 7.520 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

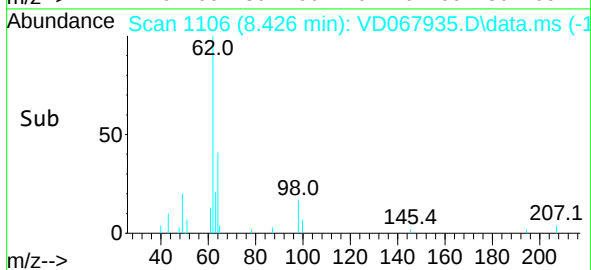
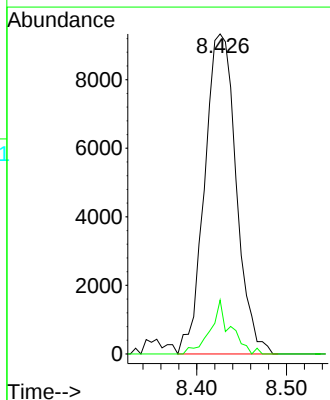
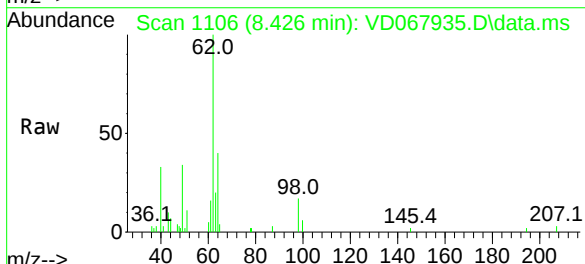
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

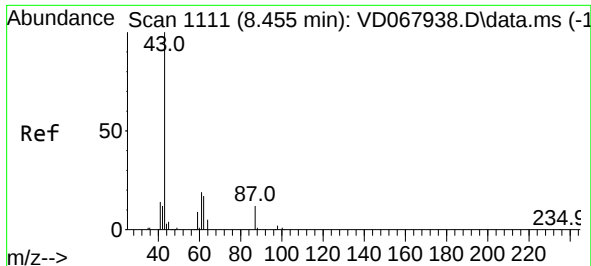
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 4870  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 91.1  | 46.2  | 69.2# |
| 67       | 88.2  | 55.1  | 82.7# |
| 52       | 44.9  | 23.5  | 35.3# |



#42  
1,2-Dichloroethane  
Concen: 5.39 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 22795 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.8  | 0.0   | 20.4  |

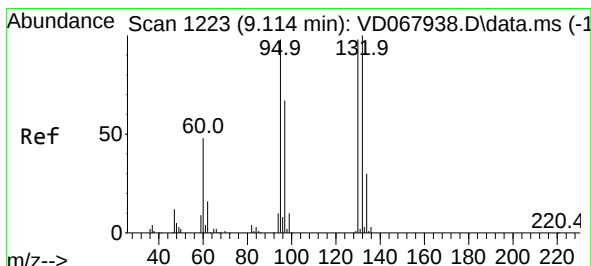
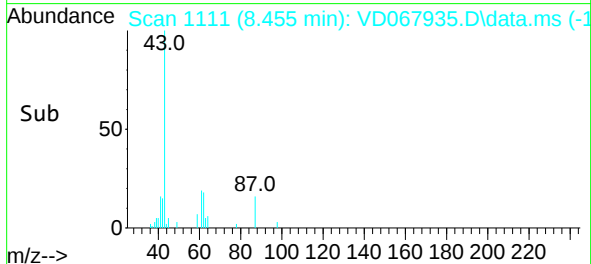
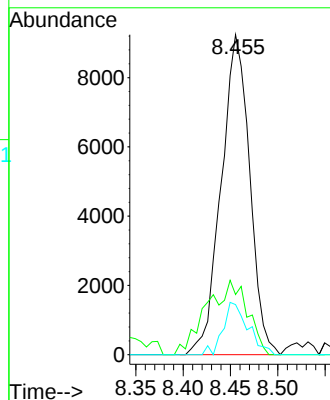
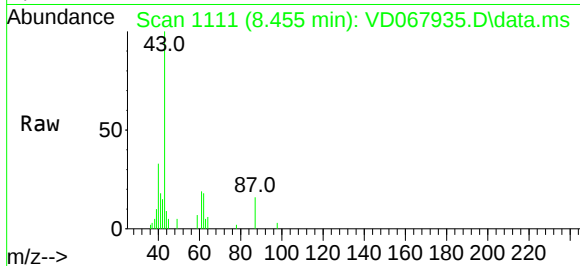




#43  
Isopropyl Acetate  
Concen: 7.47 ug/l  
RT: 8.455 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

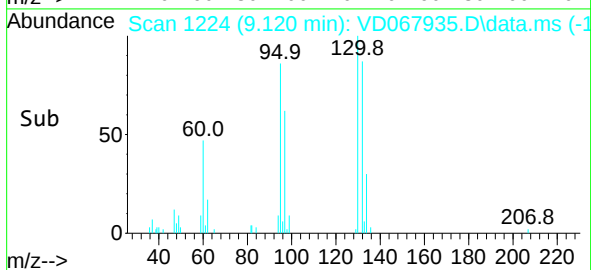
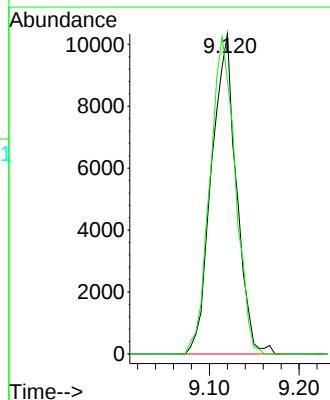
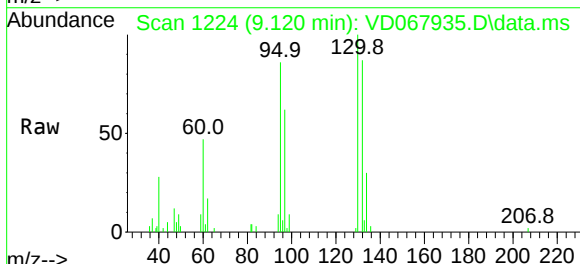
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

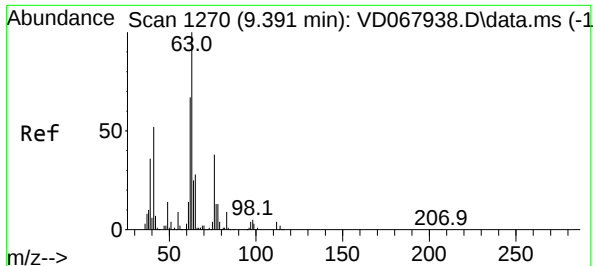
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 19335 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 33.4  | 24.5  | 36.7  |
| 87       | 14.3  | 9.8   | 14.8  |



#44  
Trichloroethene  
Concen: 4.86 ug/l  
RT: 9.120 min Scan# 1224  
Delta R.T. 0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 19890 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 85.6  | 0.0   | 200.8 |

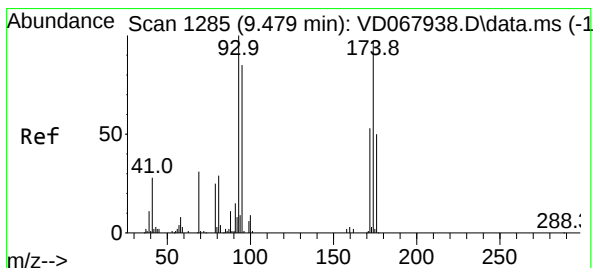
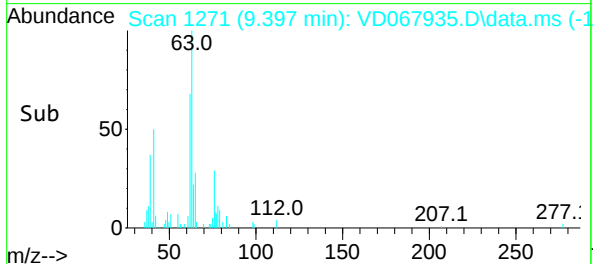
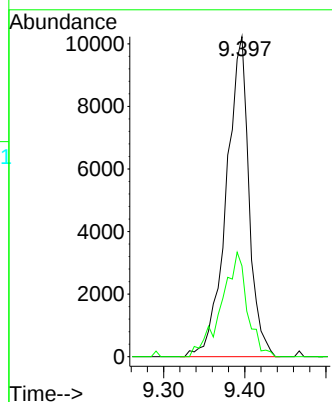
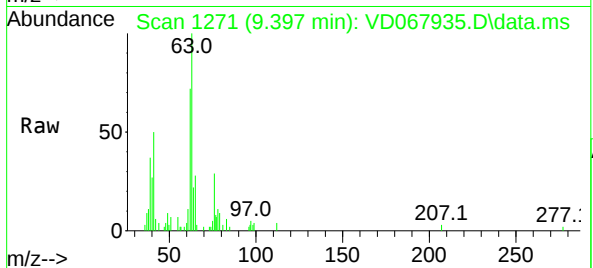




#45  
1,2-Dichloropropane  
Concen: 7.30 ug/l  
RT: 9.397 min Scan# 1271  
Delta R.T. 0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

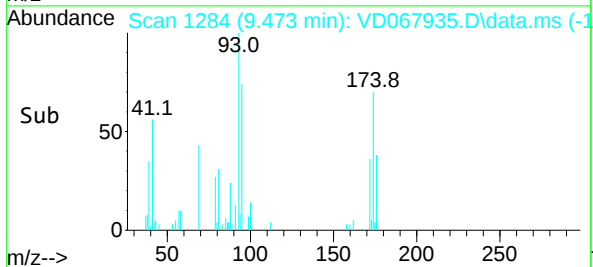
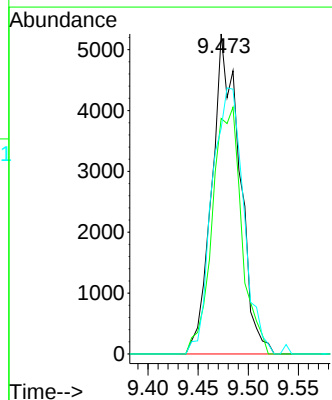
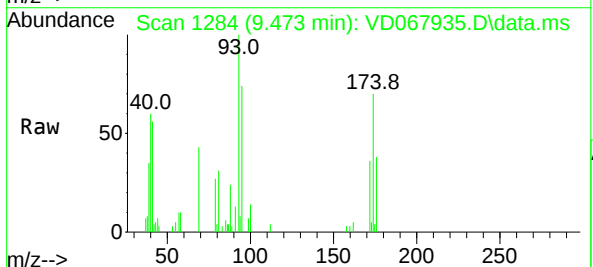
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

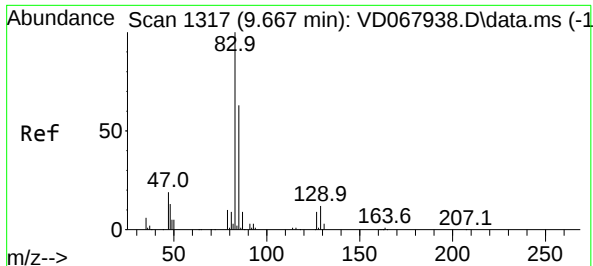
Tgt Ion: 63 Resp: 19785  
Ion Ratio Lower Upper  
63 100  
65 28.3 22.7 34.1



#46  
Dibromomethane  
Concen: 5.81 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 93 Resp: 10093  
Ion Ratio Lower Upper  
93 100  
95 81.5 68.0 102.0  
174 94.5 74.7 112.1

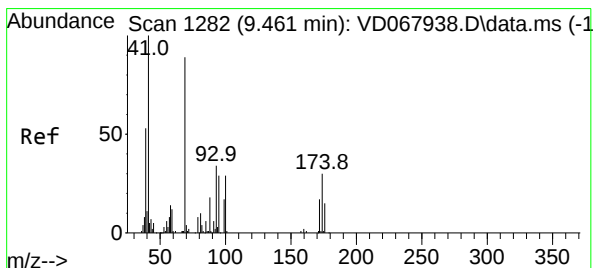
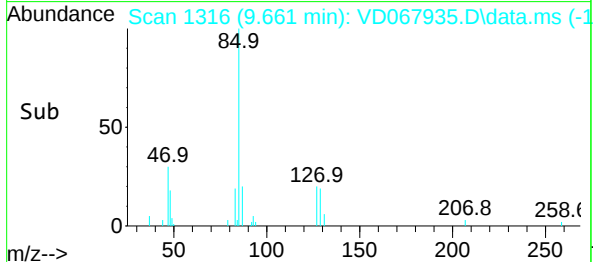
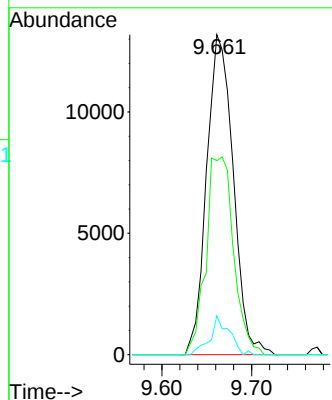
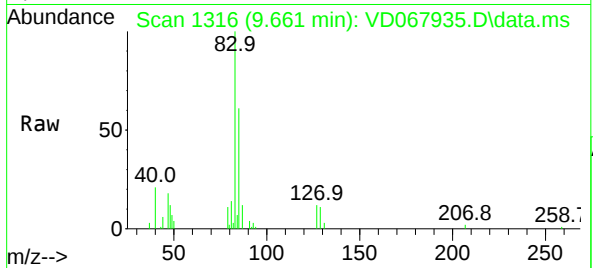




#47  
Bromodichloromethane  
Concen: 5.47 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

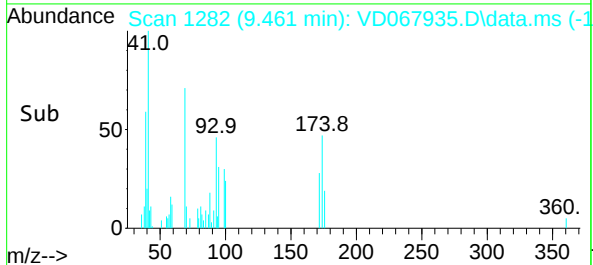
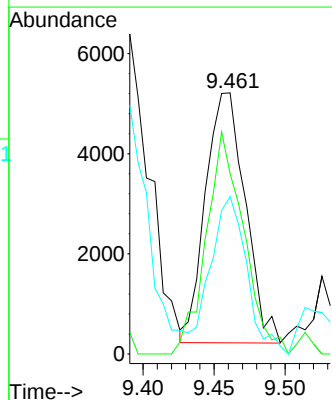
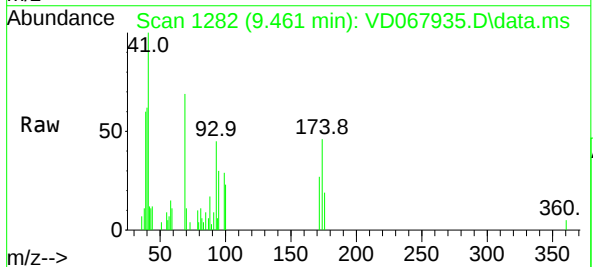
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

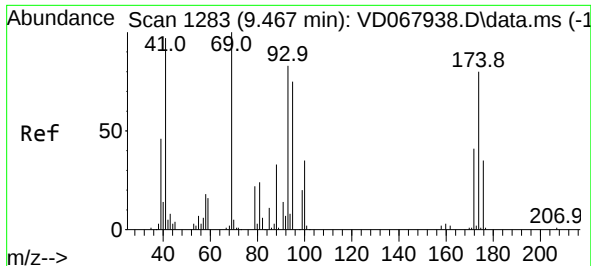
Tgt Ion: 83 Resp: 27133  
Ion Ratio Lower Upper  
83 100  
85 60.6 50.5 75.7  
127 12.1 7.2 10.8#



#48  
Methyl methacrylate  
Concen: 7.31 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 41 Resp: 9726  
Ion Ratio Lower Upper  
41 100  
69 83.5 63.9 95.9  
39 57.3 37.4 56.0#





#49

1,4-Dioxane

Concen: 119.29 ug/l

RT: 9.467 min Scan# 1283

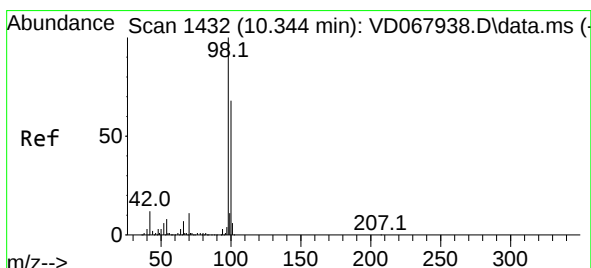
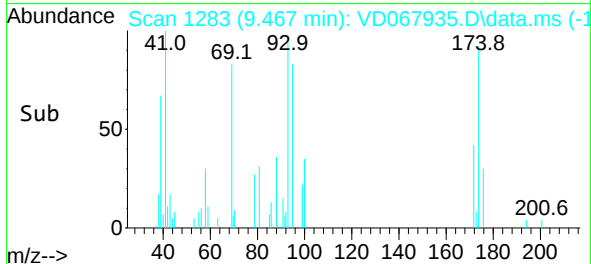
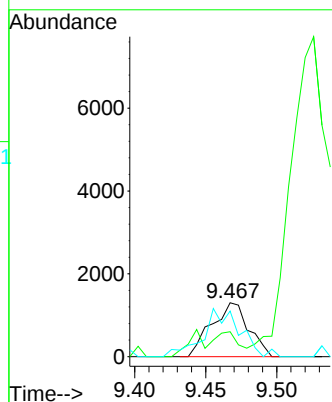
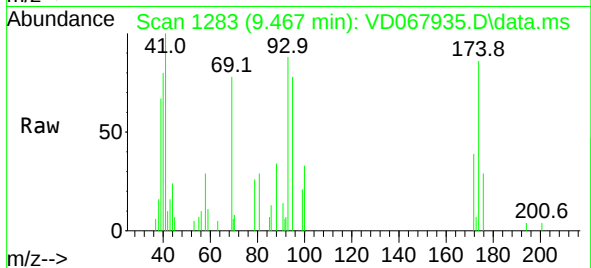
Delta R.T. 0.000 min

Lab File: VD067935.D

Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 2372  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 30.6  | 27.3  | 40.9  |
| 58       | 88.5  | 54.8  | 82.2# |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005



#50

Toluene-d8

Concen: 4.79 ug/l

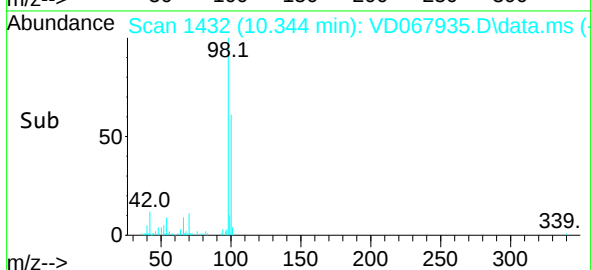
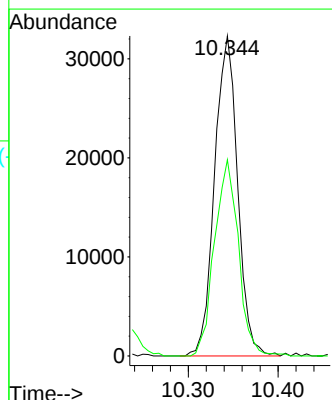
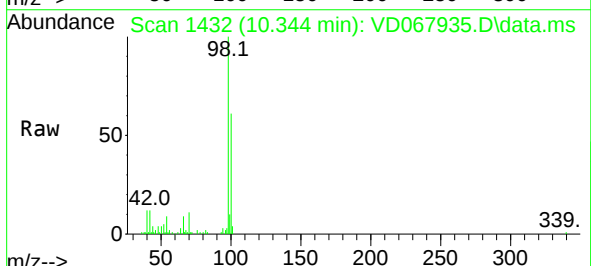
RT: 10.344 min Scan# 1432

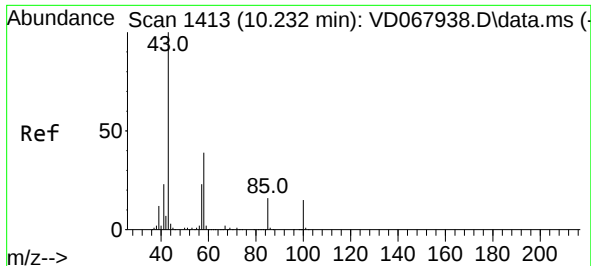
Delta R.T. 0.000 min

Lab File: VD067935.D

Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 98    | Resp: | 57630 |
| Ion      | Ratio | Lower | Upper |
| 98       | 100   |       |       |
| 100      | 64.0  | 52.5  | 78.7  |

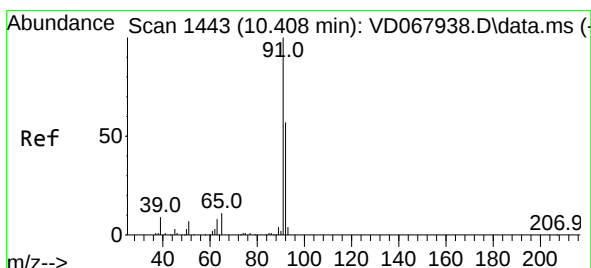
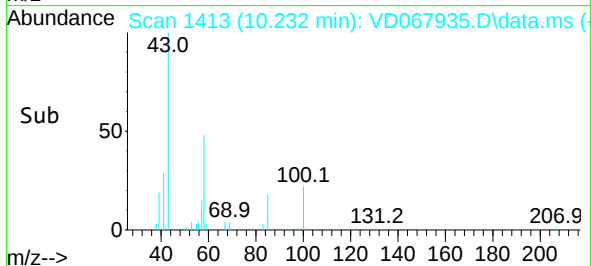
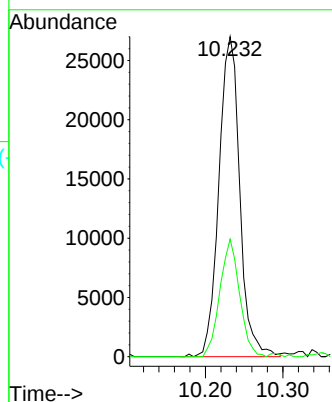
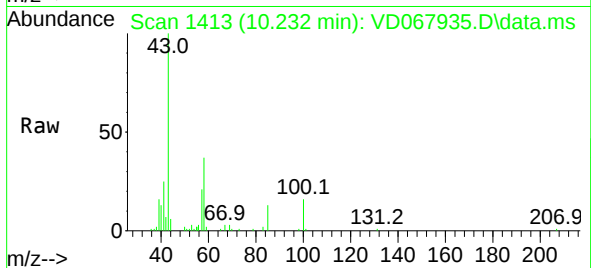




#51  
4-Methyl-2-Pentanone  
Concen: 40.32 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

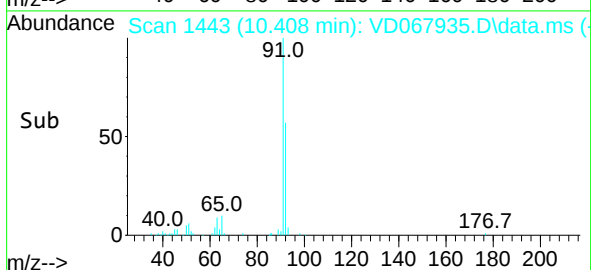
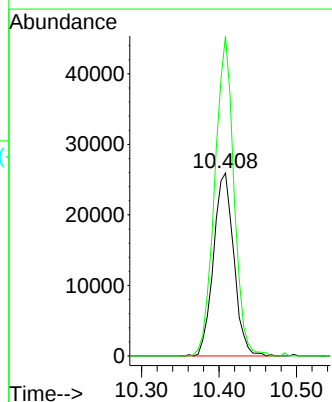
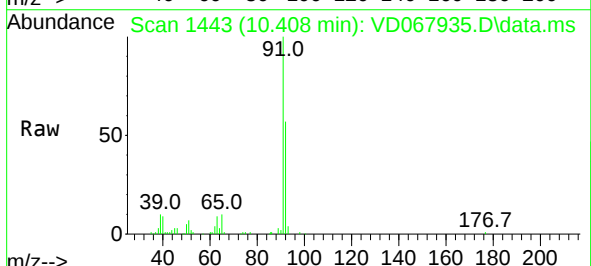
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

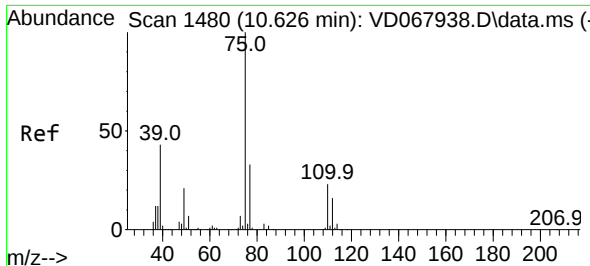
Tgt Ion: 43 Resp: 50664  
Ion Ratio Lower Upper  
43 100  
58 34.6 30.0 45.0



#52  
Toluene  
Concen: 5.47 ug/l  
RT: 10.408 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 92 Resp: 47139  
Ion Ratio Lower Upper  
92 100  
91 165.4 138.5 207.7

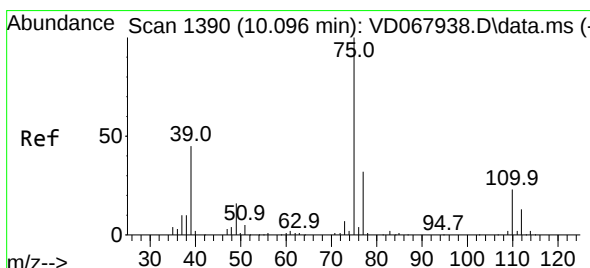
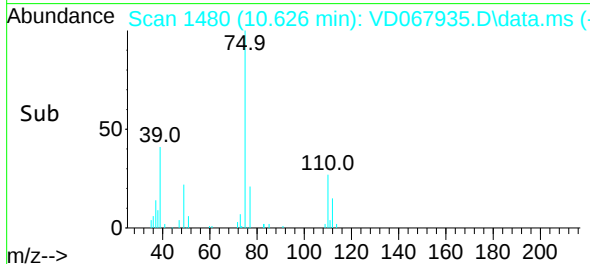
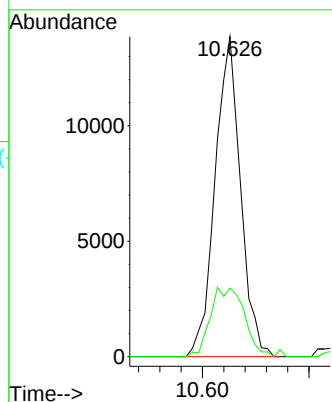
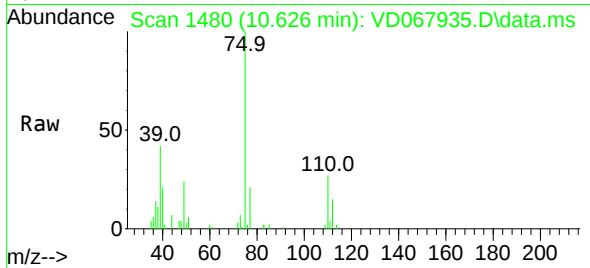




#53  
t-1,3-Dichloropropene  
Concen: 5.35 ug/l  
RT: 10.626 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

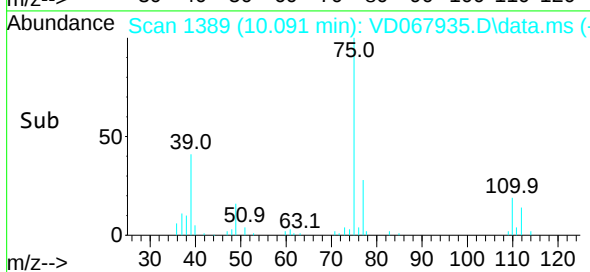
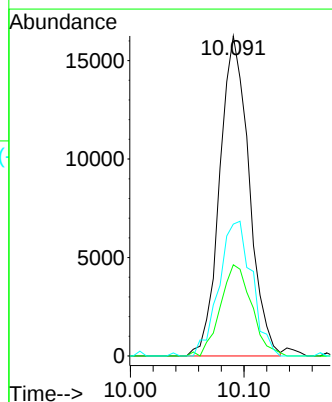
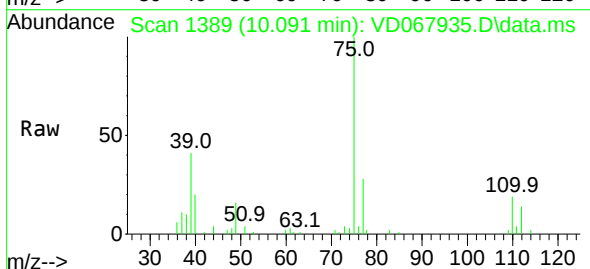
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

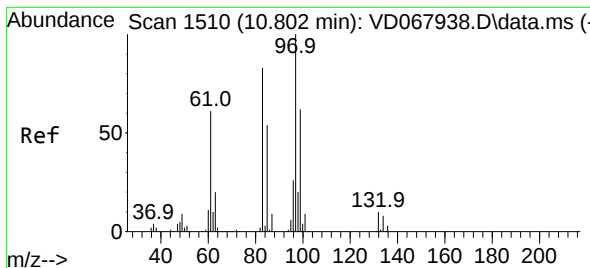
Tgt Ion: 75 Resp: 22990  
Ion Ratio Lower Upper  
75 100  
77 21.4 26.8 40.2#



#54  
cis-1,3-Dichloropropene  
Concen: 6.09 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. -0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 75 Resp: 29122  
Ion Ratio Lower Upper  
75 100  
77 28.5 25.3 37.9  
39 41.2 35.7 53.5

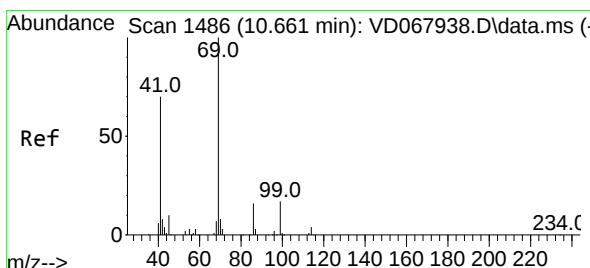
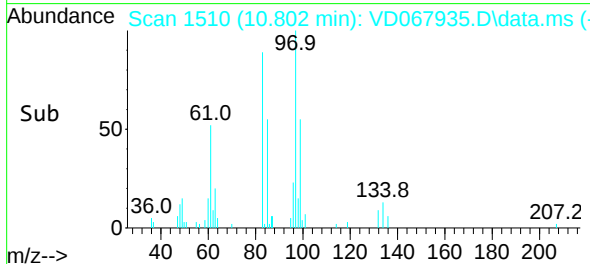
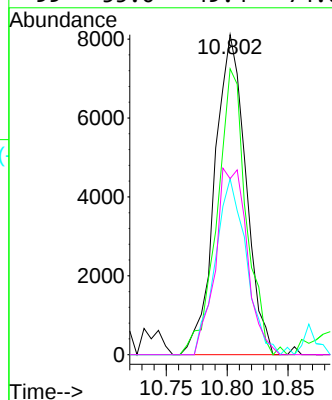
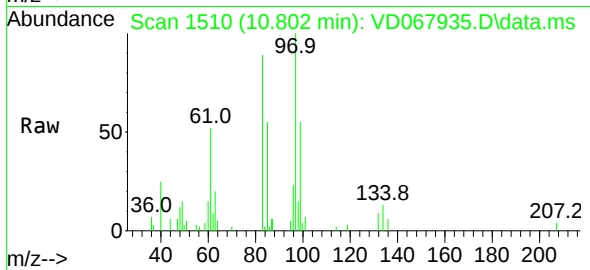




#55  
1,1,2-Trichloroethane  
Concen: 5.96 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

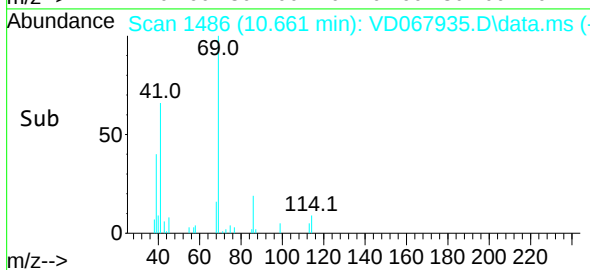
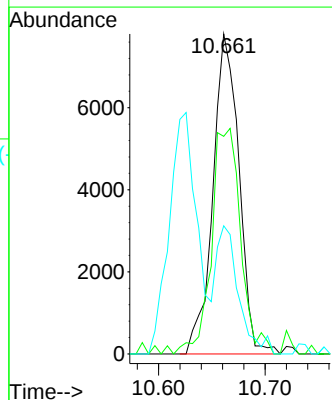
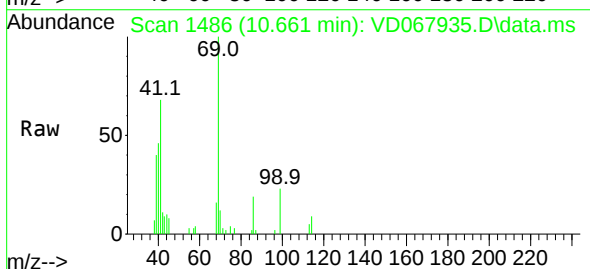
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

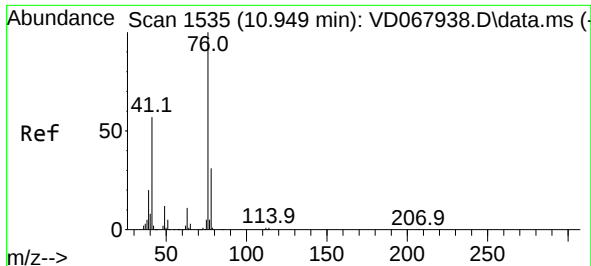
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 14348 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.3  | 66.4  | 99.6  |
| 85       | 54.9  | 43.4  | 65.0  |
| 99       | 55.0  | 49.4  | 74.0  |



#56  
Ethyl methacrylate  
Concen: 5.32 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 13249 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 78.8  | 56.4  | 84.6  |
| 39       | 33.9  | 24.6  | 36.8  |

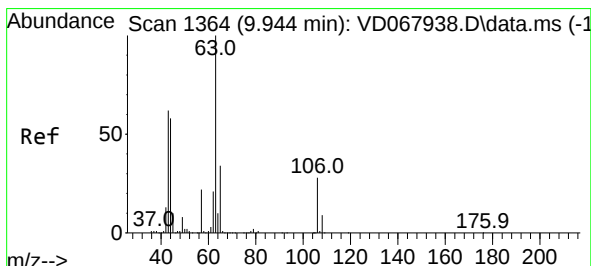
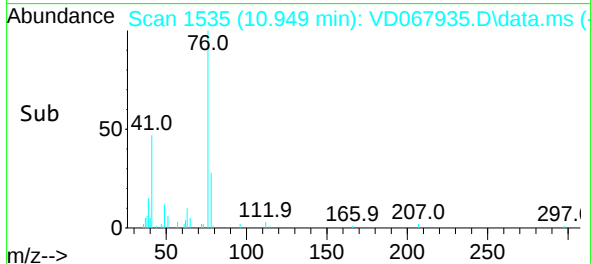
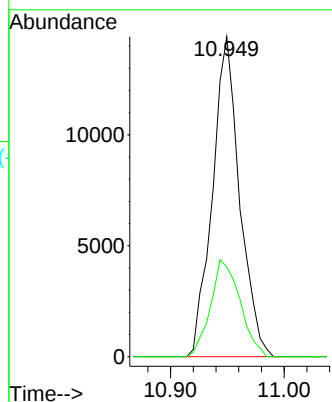
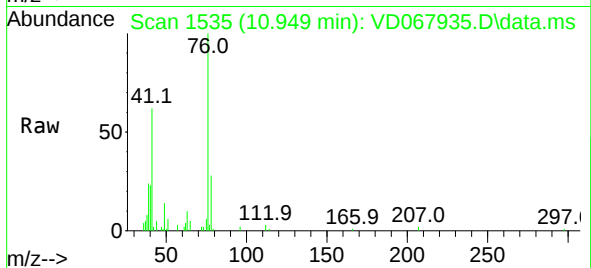




#57  
1,3-Dichloropropane  
Concen: 6.15 ug/l  
RT: 10.949 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

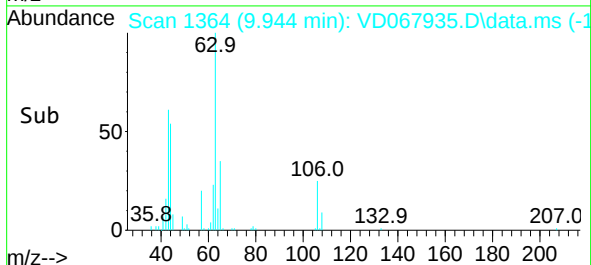
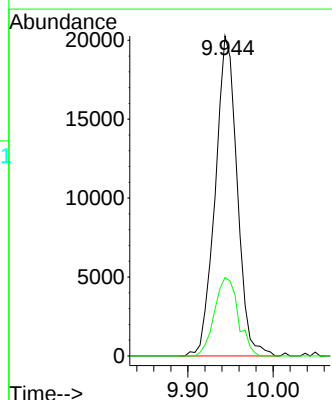
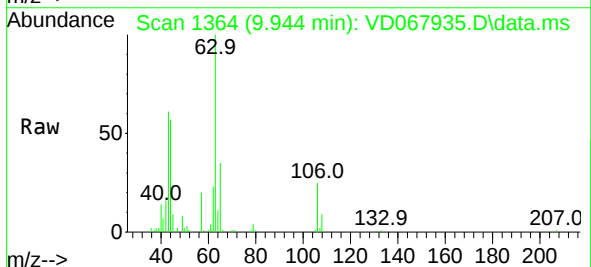
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

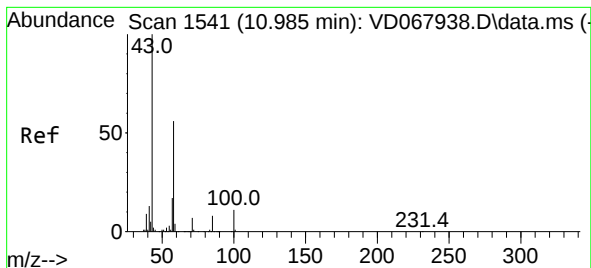
Tgt Ion: 76 Resp: 23992  
Ion Ratio Lower Upper  
76 100  
78 32.9 25.2 37.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 31.14 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 63 Resp: 36207  
Ion Ratio Lower Upper  
63 100  
106 26.5 21.6 32.4

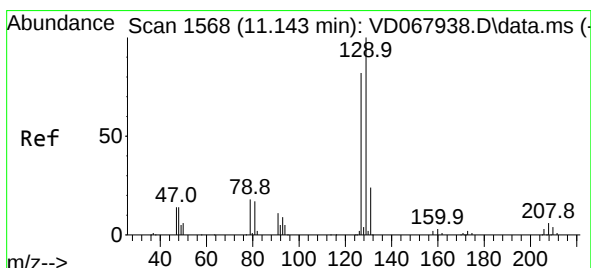
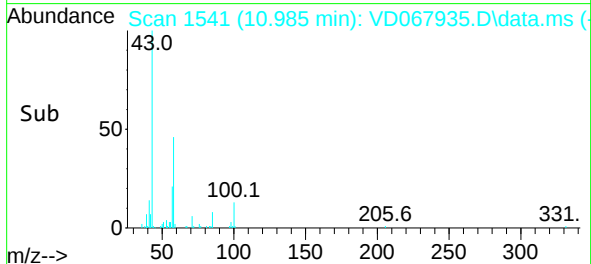
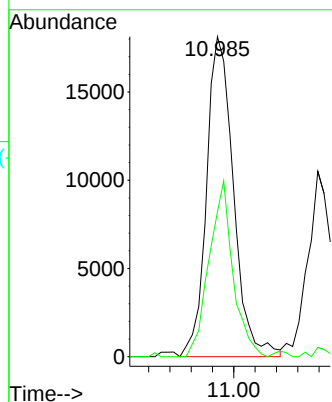
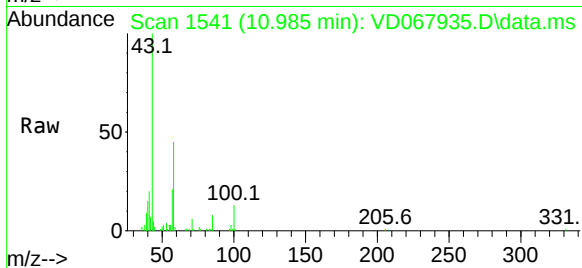




#59  
2-Hexanone  
Concen: 36.83 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

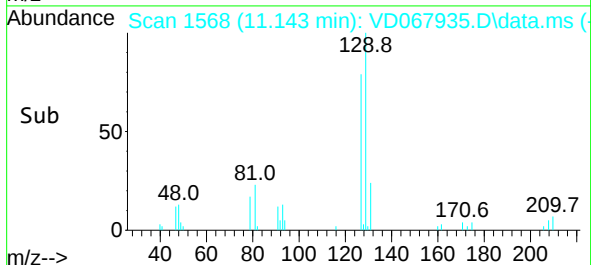
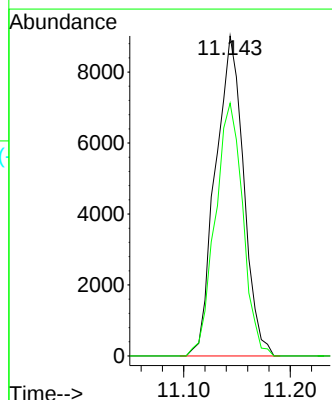
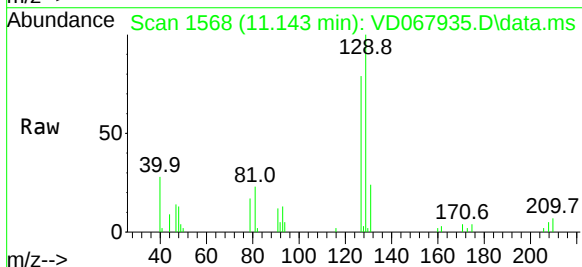
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

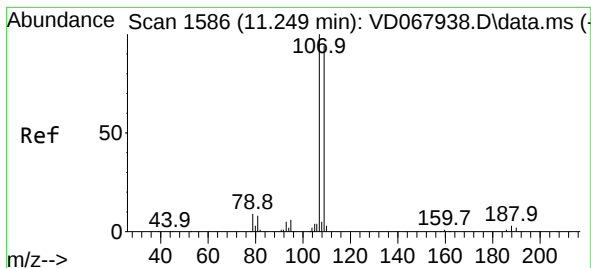
Tgt Ion: 43 Resp: 31846  
Ion Ratio Lower Upper  
43 100  
58 48.6 27.5 82.4



#60  
Dibromochloromethane  
Concen: 4.72 ug/l  
RT: 11.143 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 129 Resp: 16558  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.8 116.4

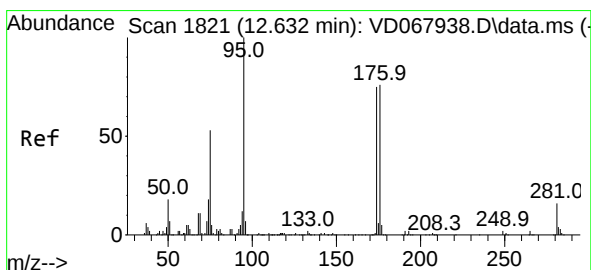
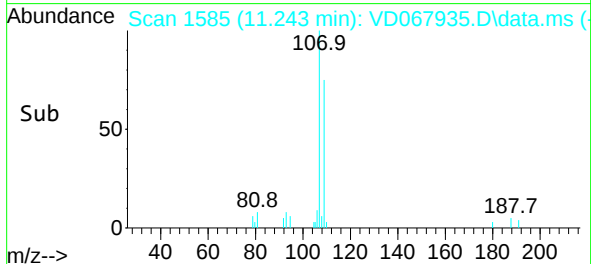
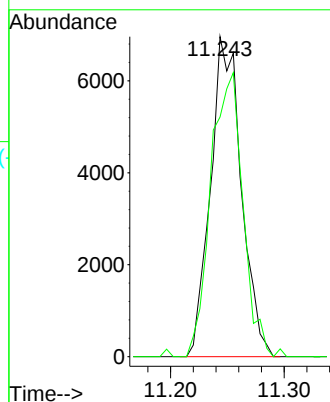
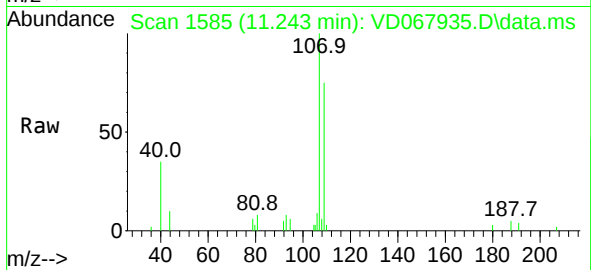




#61  
1,2-Dibromoethane  
Concen: 5.56 ug/l  
RT: 11.243 min Scan# 1585  
Delta R.T. -0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

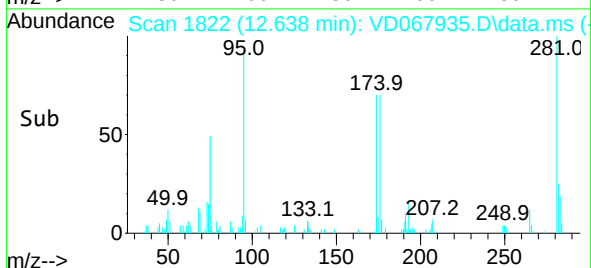
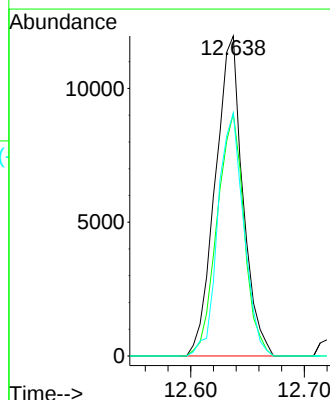
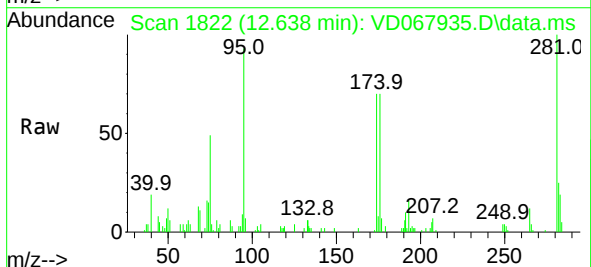
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

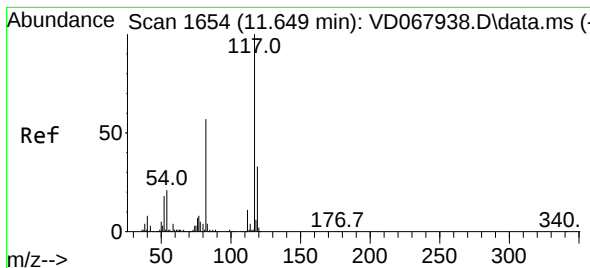
Tgt Ion:107 Resp: 13104  
Ion Ratio Lower Upper  
107 100  
109 92.8 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 4.85 ug/l  
RT: 12.638 min Scan# 1822  
Delta R.T. 0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 95 Resp: 20165  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 150.6  
176 71.0 0.0 151.2

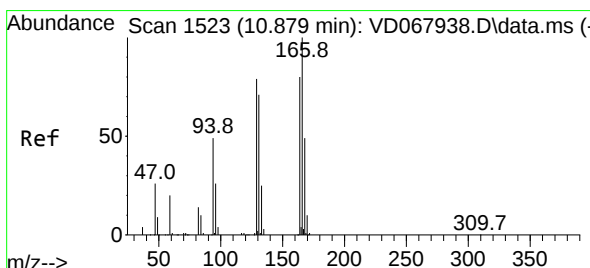
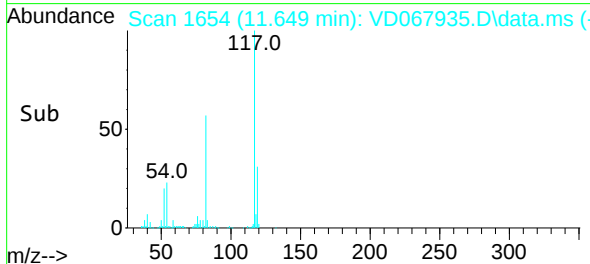
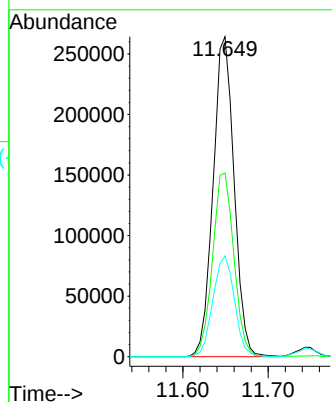
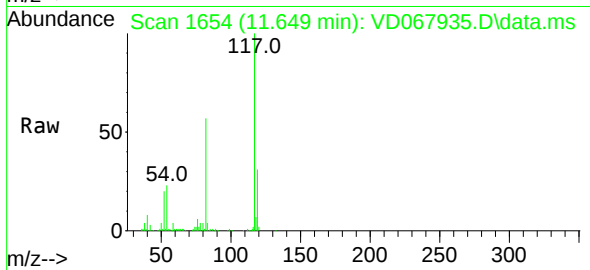




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.649 min Scan# 1654  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

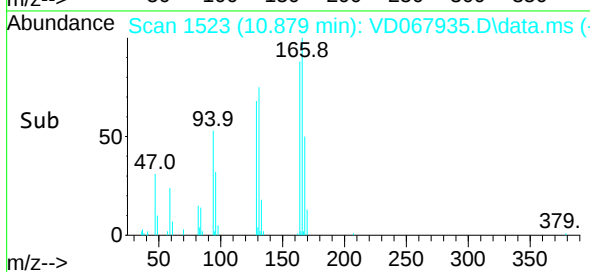
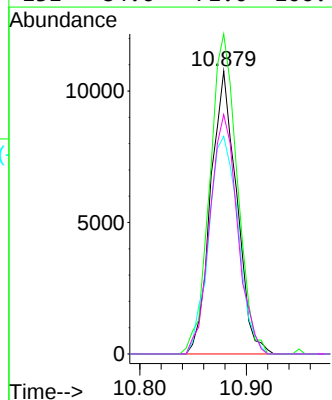
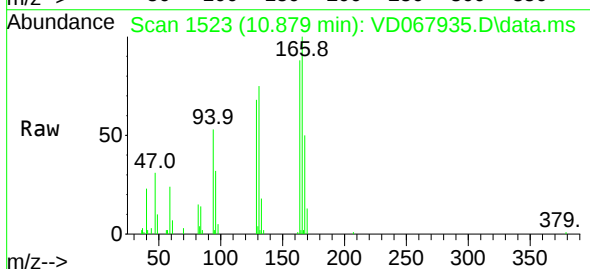
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

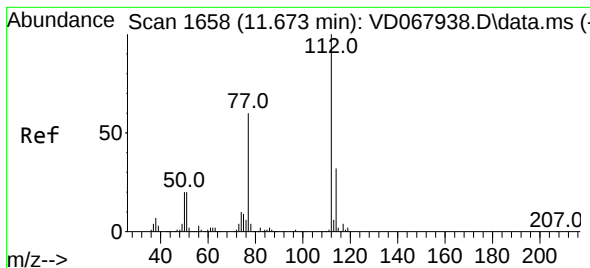
Tgt Ion:117 Resp: 452551  
Ion Ratio Lower Upper  
117 100  
82 57.4 45.4 68.0  
119 31.5 26.7 40.1



#64  
Tetrachloroethene  
Concen: 5.04 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion:164 Resp: 18121  
Ion Ratio Lower Upper  
164 100  
166 113.1 99.4 149.2  
129 76.9 79.0 118.4#  
131 84.6 71.0 106.4

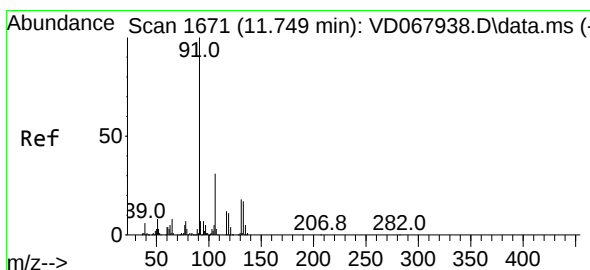
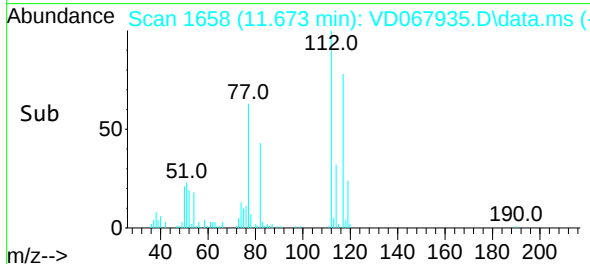
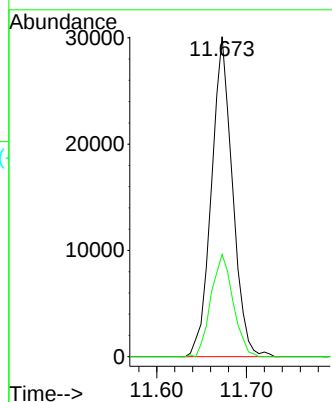
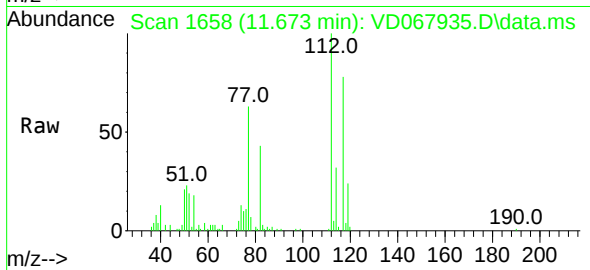




#65  
Chlorobenzene  
Concen: 5.25 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

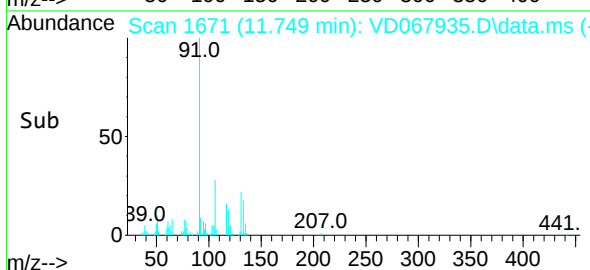
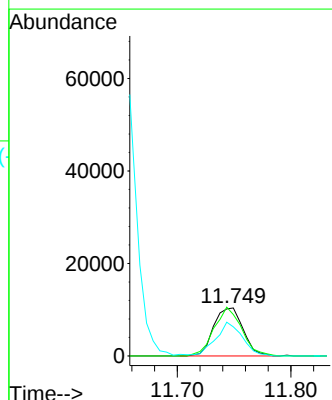
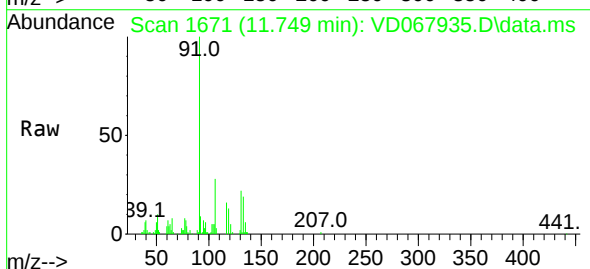
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

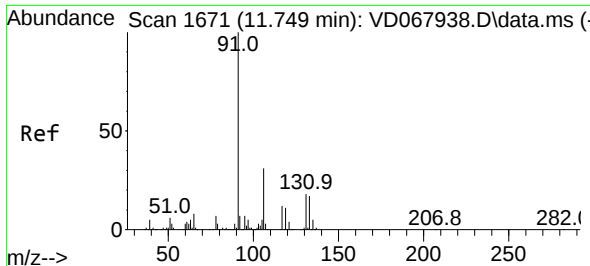
Tgt Ion:112 Resp: 49094  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.99 ug/l  
RT: 11.749 min Scan# 1671  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion:131 Resp: 18661  
Ion Ratio Lower Upper  
131 100  
133 95.6 48.4 145.0  
119 63.6 33.4 100.2

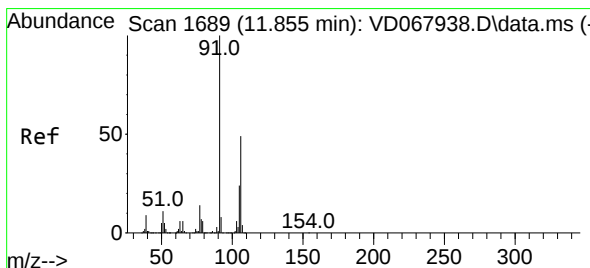
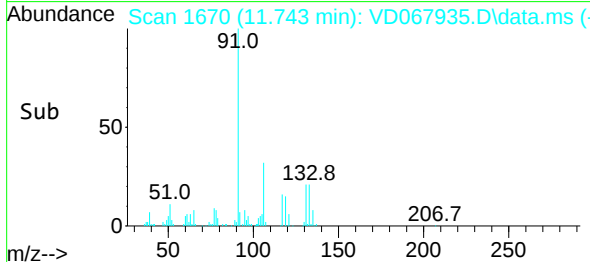
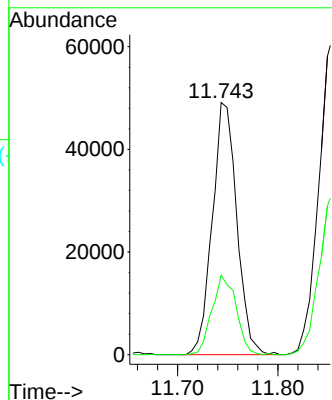
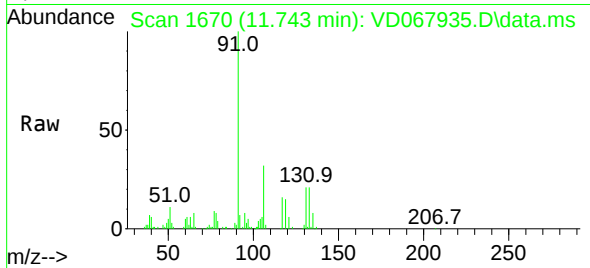




#67  
Ethyl Benzene  
Concen: 5.18 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. -0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

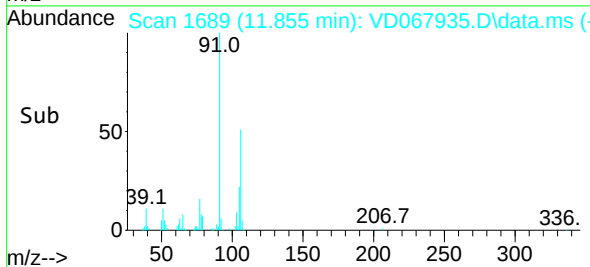
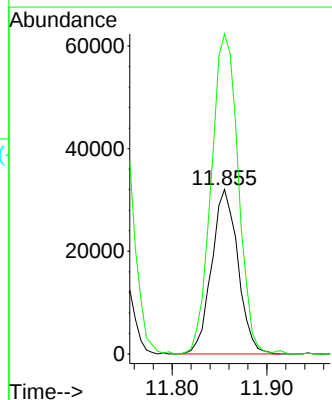
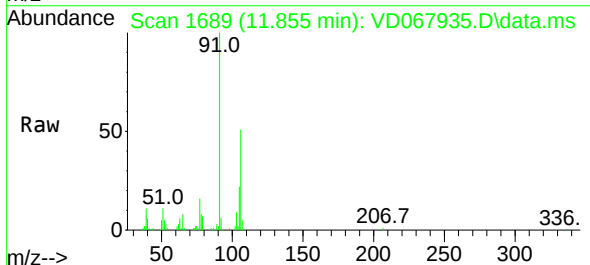
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

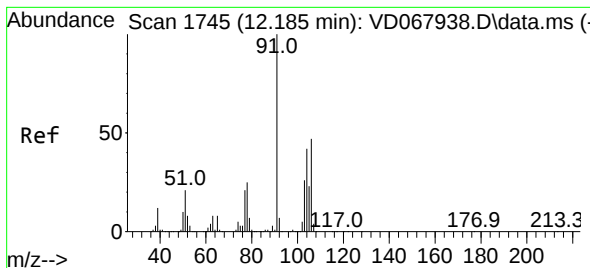
Tgt Ion: 91 Resp: 83343  
Ion Ratio Lower Upper  
91 100  
106 31.5 24.6 37.0



#68  
m/p-Xylenes  
Concen: 9.78 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 106 Resp: 61729  
Ion Ratio Lower Upper  
106 100  
91 199.8 159.9 239.9

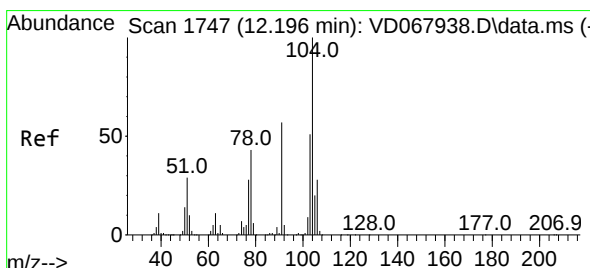
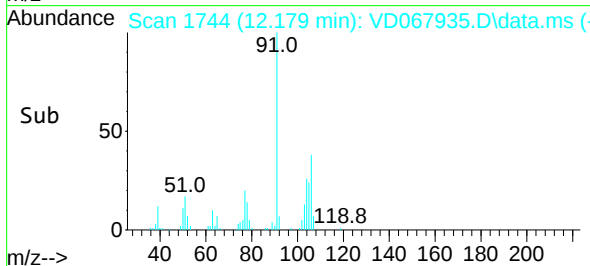
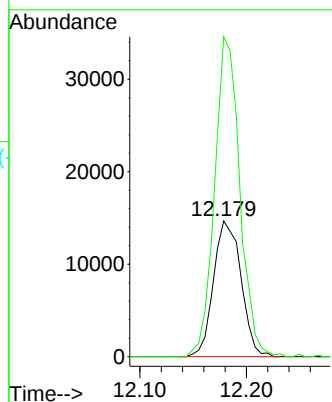
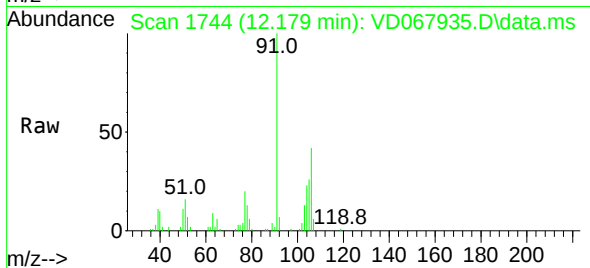




#69  
o-Xylene  
Concen: 4.69 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

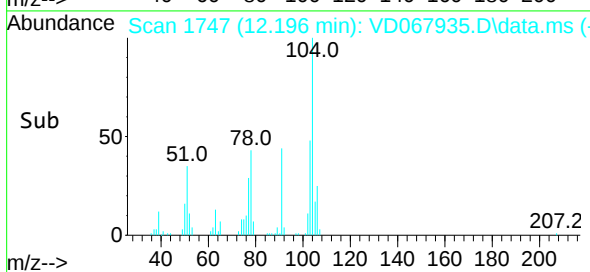
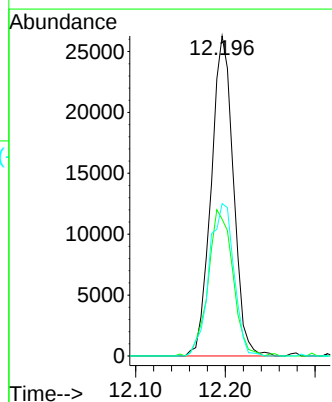
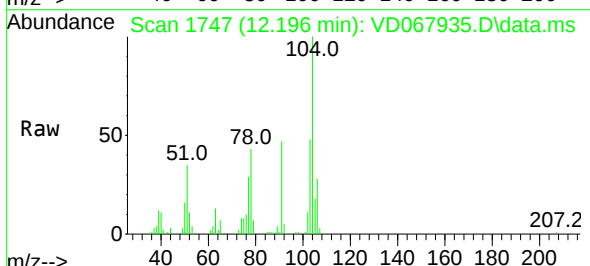
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

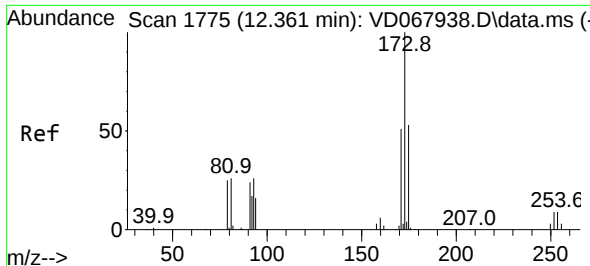
Tgt Ion:106 Resp: 26249  
Ion Ratio Lower Upper  
106 100  
91 216.9 106.0 317.9



#70  
Styrene  
Concen: 4.64 ug/l  
RT: 12.196 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion:104 Resp: 45179  
Ion Ratio Lower Upper  
104 100  
78 50.4 38.6 58.0  
103 52.7 44.2 66.4

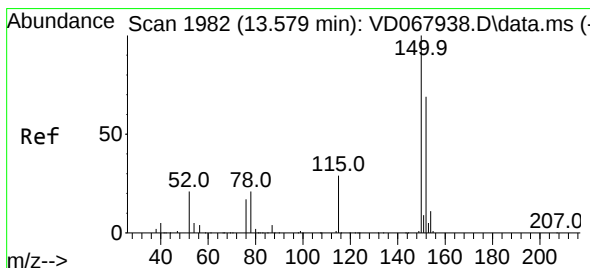
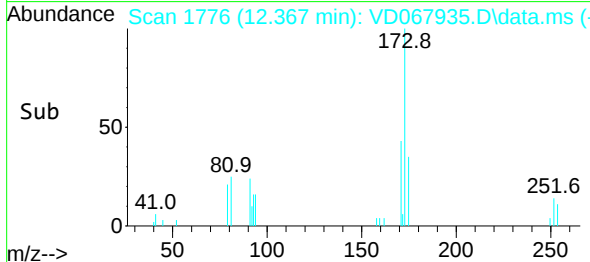
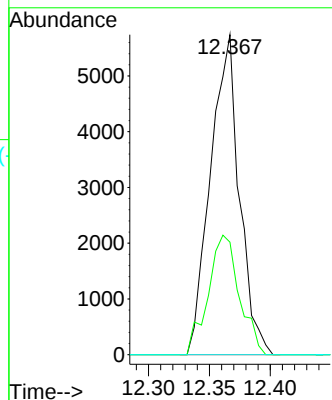
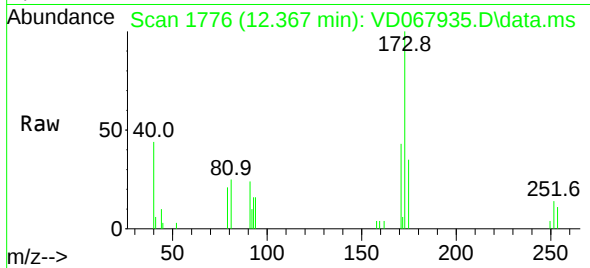




#71  
Bromoform  
Concen: 4.87 ug/l  
RT: 12.367 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

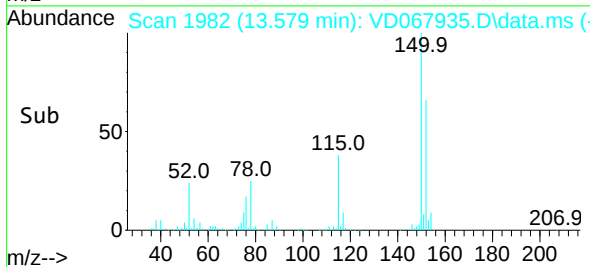
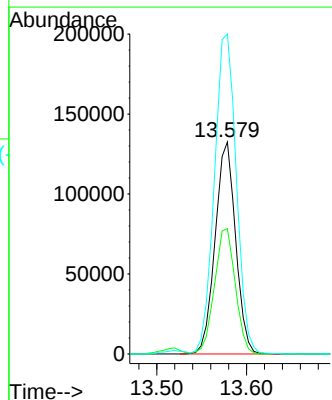
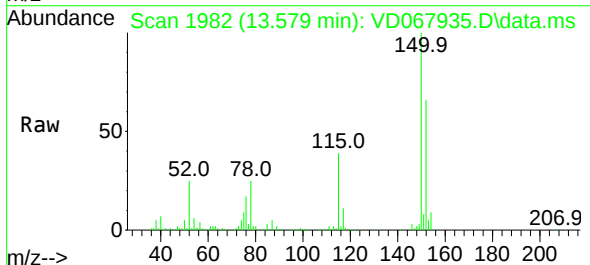
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

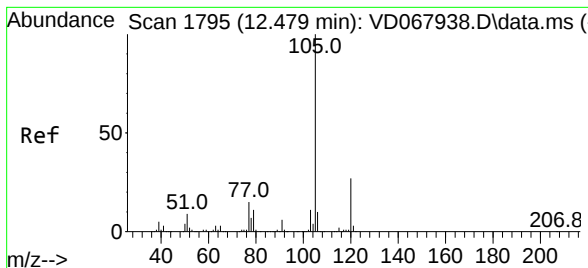
Tgt Ion:173 Resp: 9491  
Ion Ratio Lower Upper  
173 100  
175 40.4 24.6 73.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.579 min Scan# 1982  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion:152 Resp: 209755  
Ion Ratio Lower Upper  
152 100  
115 60.2 29.3 88.0  
150 161.8 0.0 340.0

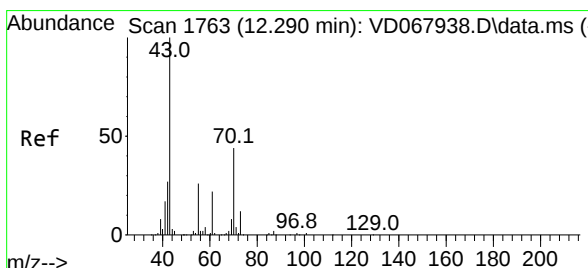
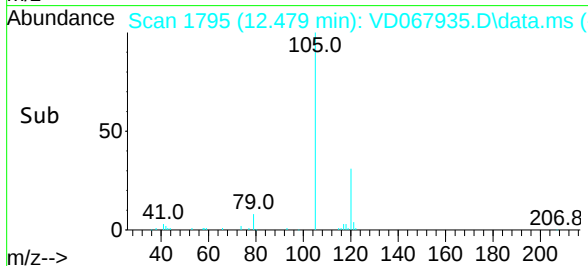
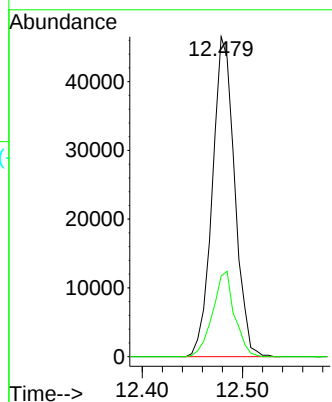
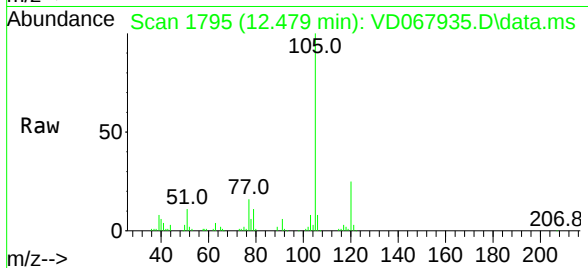




#73  
Isopropylbenzene  
Concen: 4.96 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

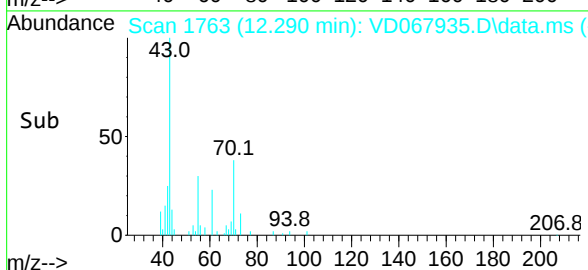
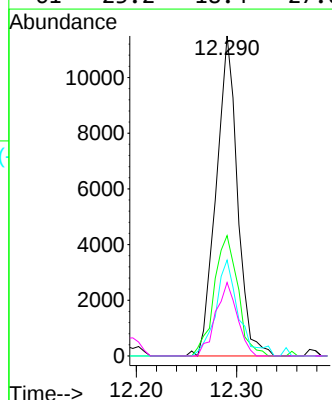
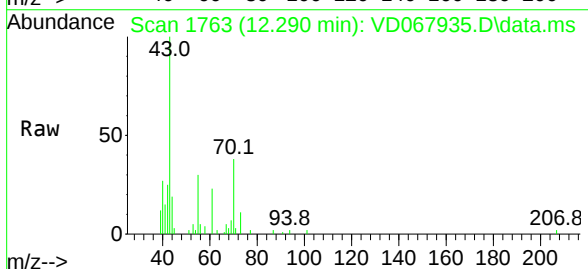
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

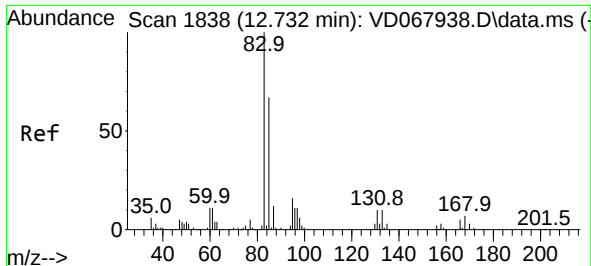
Tgt Ion:105 Resp: 71759  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.4 40.1



#74  
N-ethyl acetate  
Concen: 8.30 ug/l  
RT: 12.290 min Scan# 1763  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 43 Resp: 16938  
Ion Ratio Lower Upper  
43 100  
70 41.9 34.3 51.5  
55 32.0 21.2 31.8#  
61 23.2 18.4 27.6

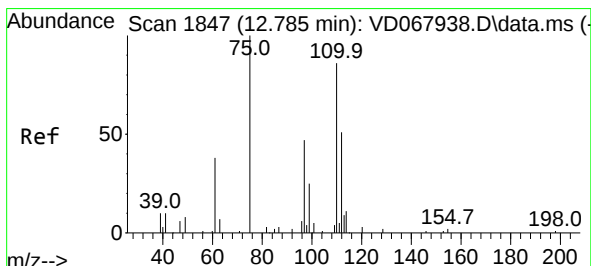
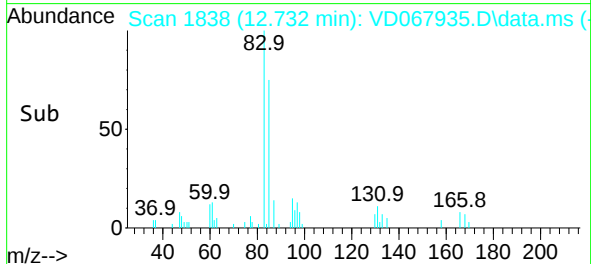
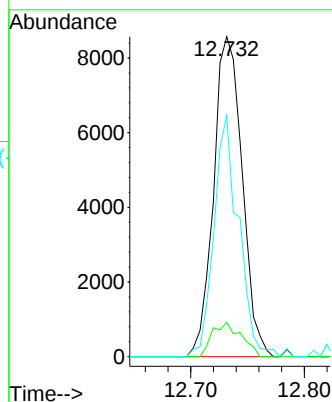
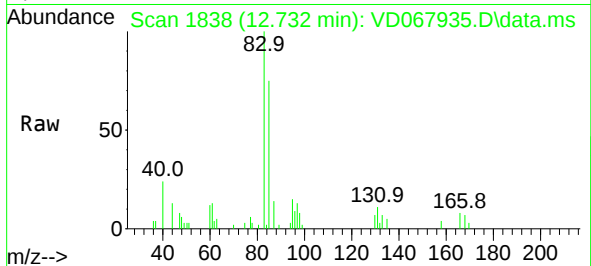




#75  
1,1,2,2-Tetrachloroethane  
Concen: 7.39 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

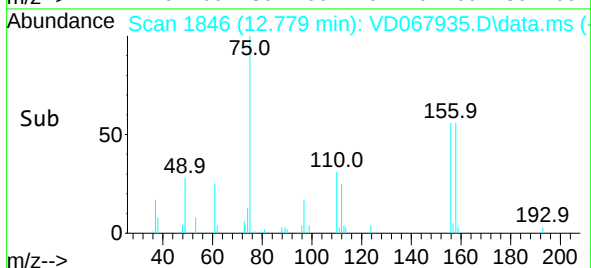
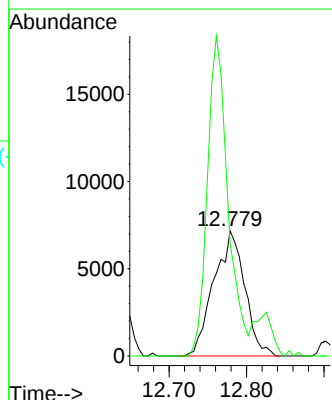
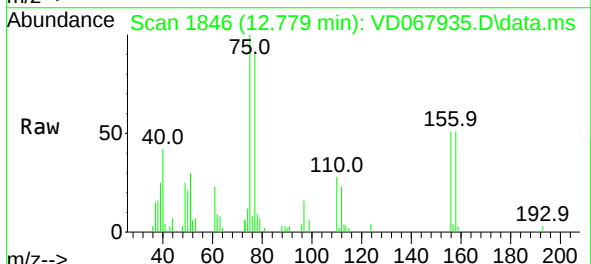
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

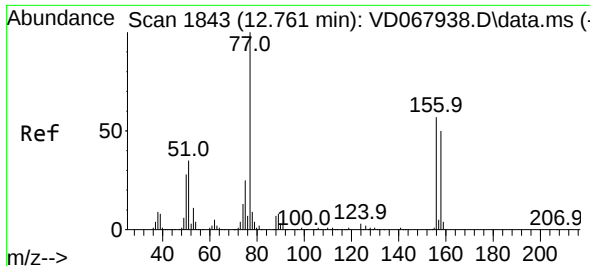
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 14986 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.9  | 5.0   | 14.9  |
| 85       | 64.9  | 32.1  | 96.3  |



#76  
1,2,3-Trichloropropane  
Concen: 12.62 ug/l  
RT: 12.779 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 19845 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 170.0 | 0.0   | 0.0#  |

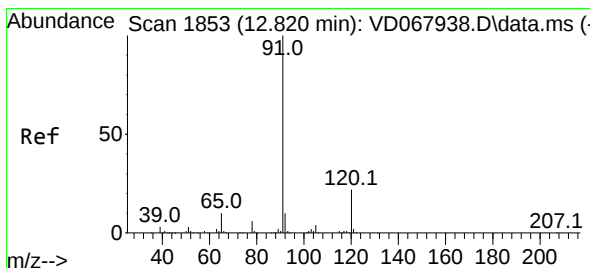
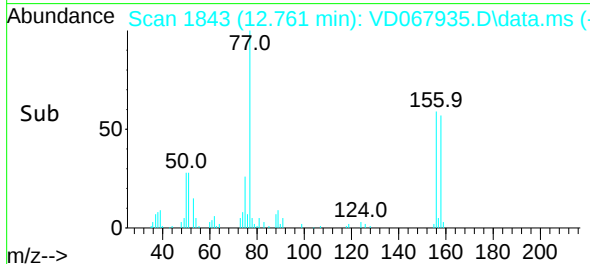
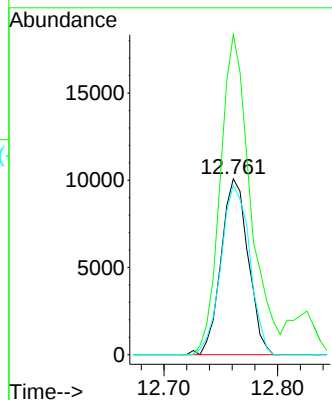
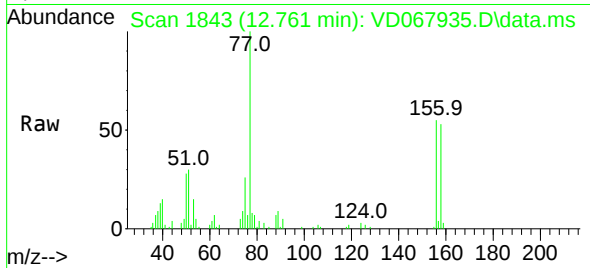




#77  
Bromobenzene  
Concen: 4.70 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

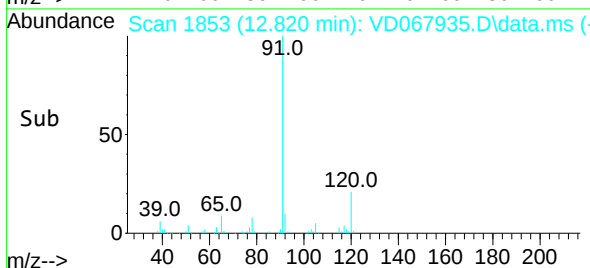
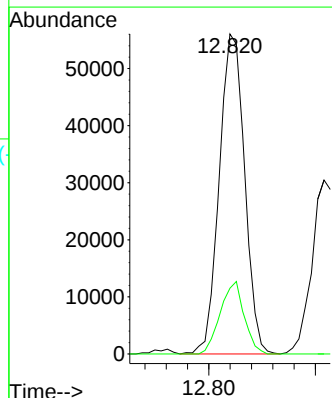
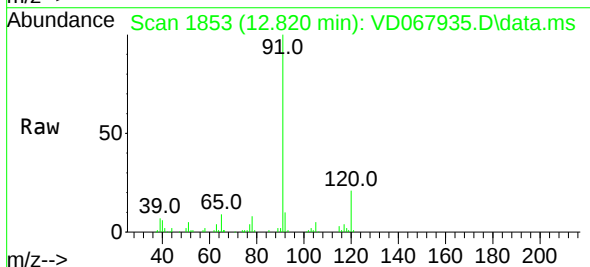
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

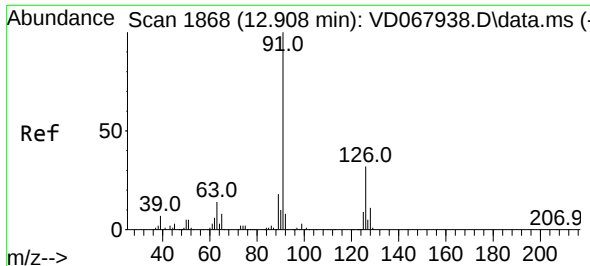
Tgt Ion:156 Resp: 16698  
Ion Ratio Lower Upper  
156 100  
77 202.1 95.9 287.6  
158 102.4 46.8 140.3



#78  
n-propylbenzene  
Concen: 5.66 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 91 Resp: 92643  
Ion Ratio Lower Upper  
91 100  
120 21.3 11.2 33.5

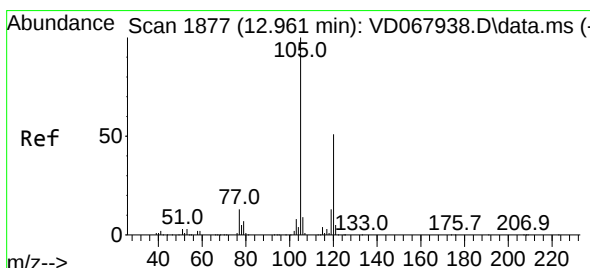
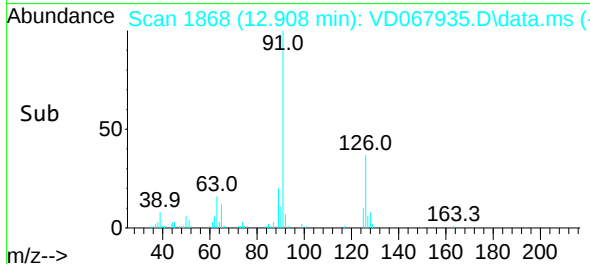
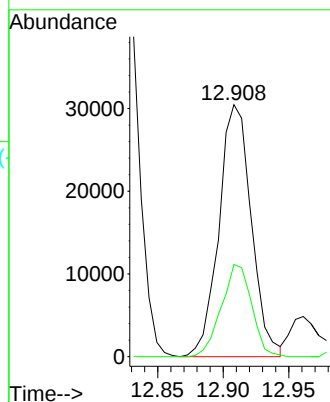
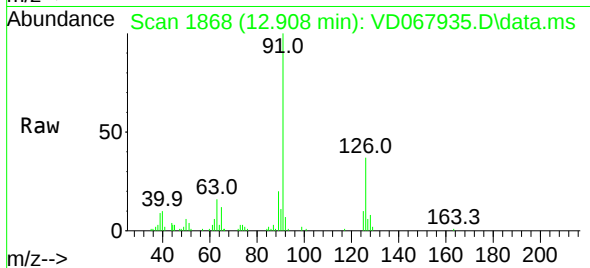




#79  
2-Chlorotoluene  
Concen: 5.47 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

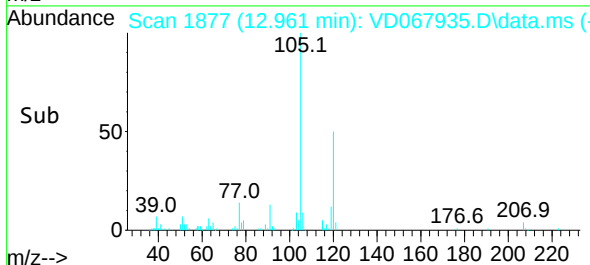
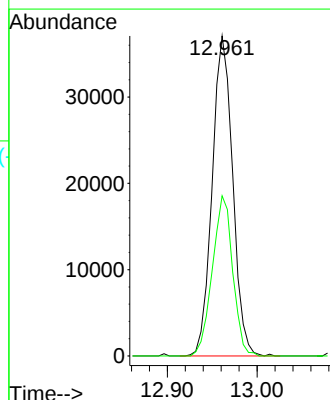
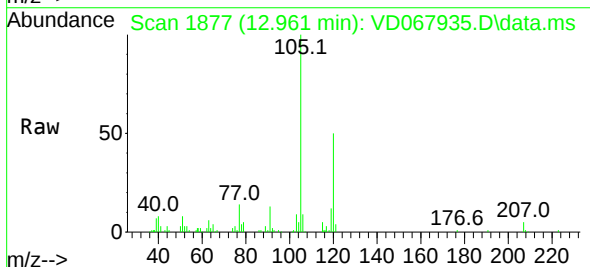
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

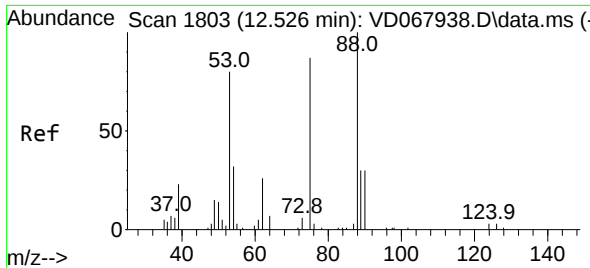
Tgt Ion: 91 Resp: 52317  
Ion Ratio Lower Upper  
91 100  
126 34.1 16.8 50.3



#80  
1,3,5-Trimethylbenzene  
Concen: 4.73 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion: 105 Resp: 58901  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.9 74.6

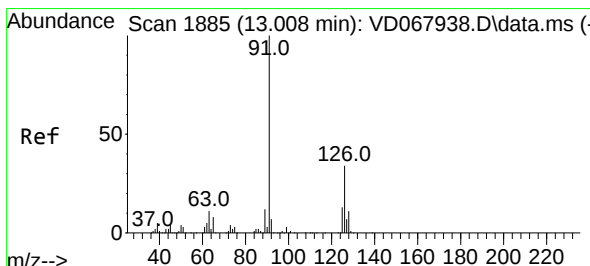
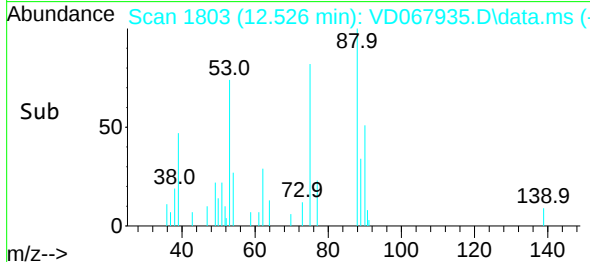
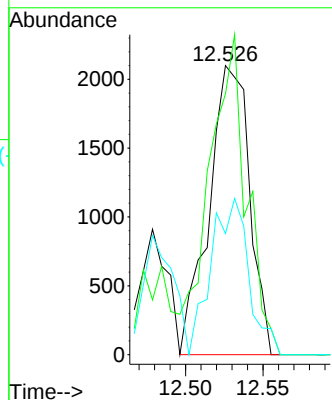
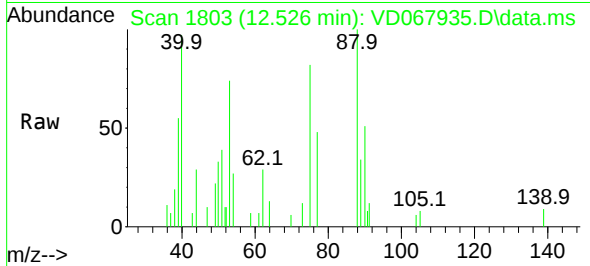




#81  
trans-1,4-Dichloro-2-butene  
Concen: 5.74 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

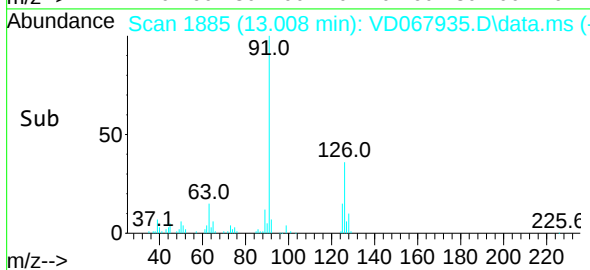
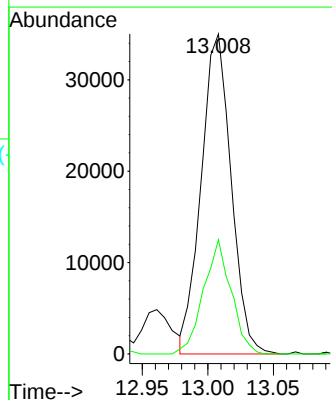
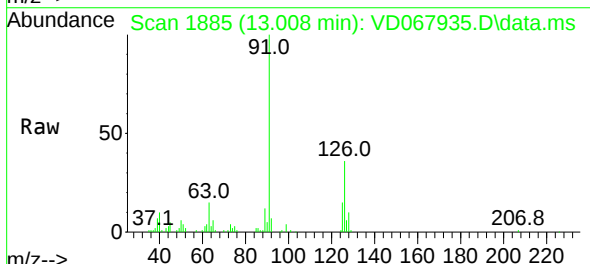
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

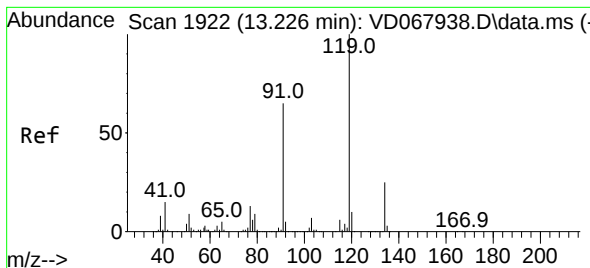
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3826  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 100.6 | 74.9  | 112.3 |
| 89       | 50.1  | 33.8  | 50.8  |



#82  
4-Chlorotoluene  
Concen: 5.47 ug/l  
RT: 13.008 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 55691 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 32.9  | 17.0  | 51.0  |

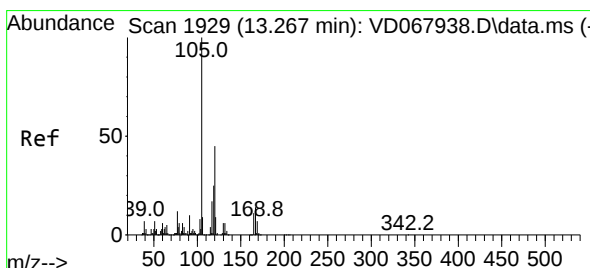
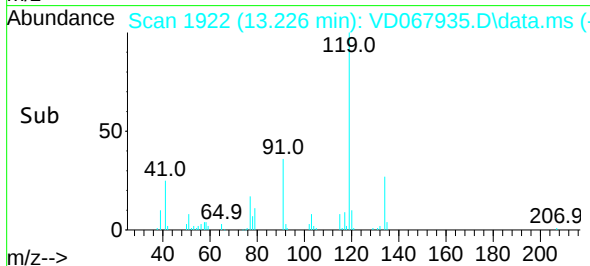
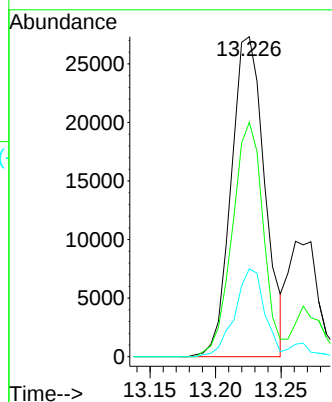
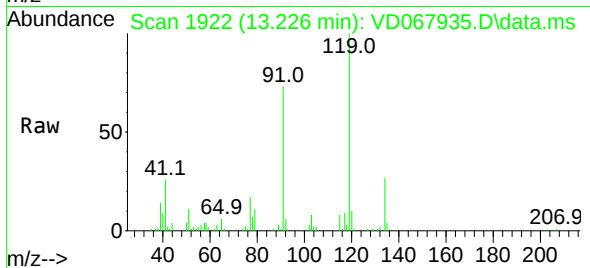




#83  
tert-Butylbenzene  
Concen: 4.64 ug/l  
RT: 13.226 min Scan# 1922  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

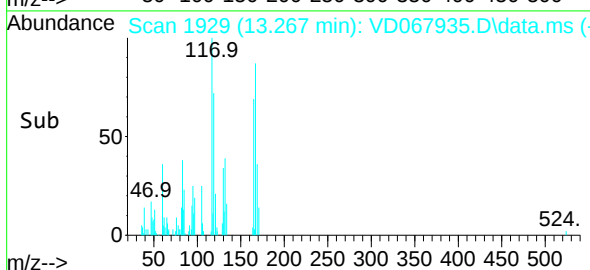
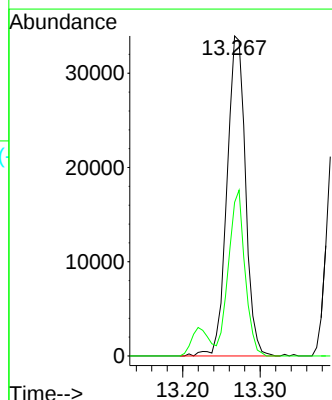
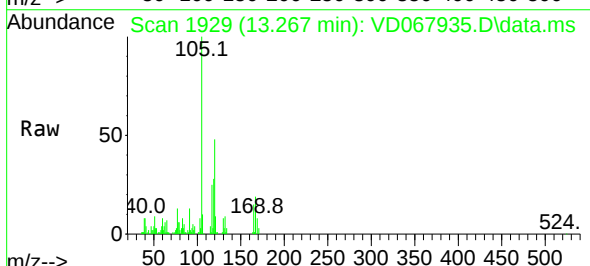
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

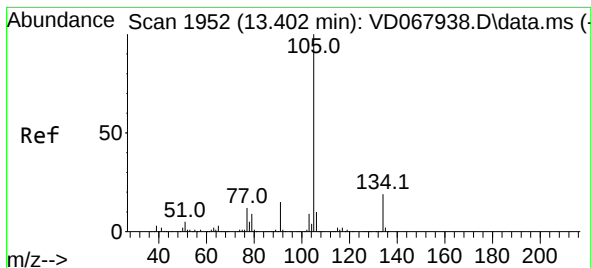
Tgt Ion:119 Resp: 48613  
Ion Ratio Lower Upper  
119 100  
91 67.4 32.7 98.1  
134 24.8 13.3 39.8



#84  
1,2,4-Trimethylbenzene  
Concen: 4.55 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion:105 Resp: 56361  
Ion Ratio Lower Upper  
105 100  
120 46.0 22.7 68.0

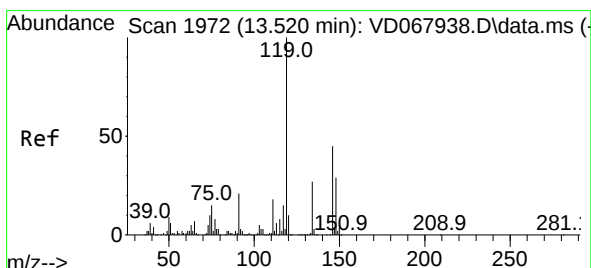
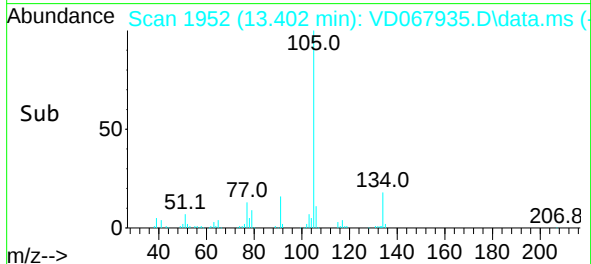
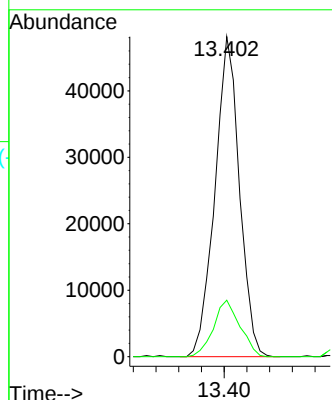
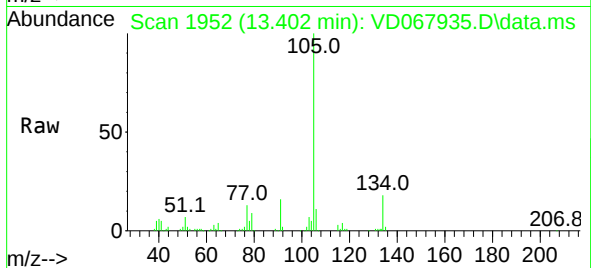




#85  
 sec-Butylbenzene  
 Concen: 5.06 ug/l  
 RT: 13.402 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VD067935.D  
 Acq: 22 Dec 2020 15:51

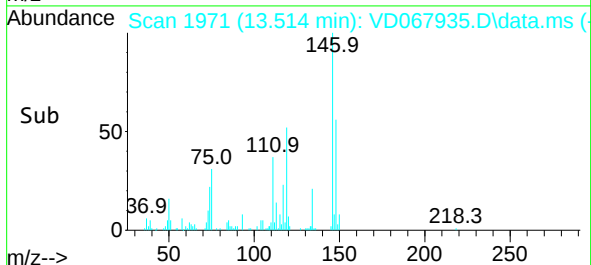
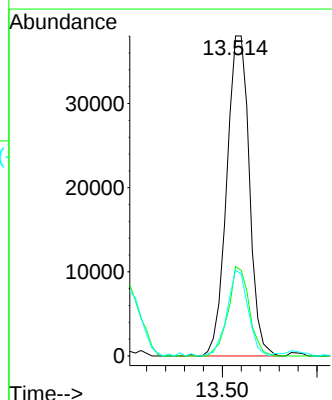
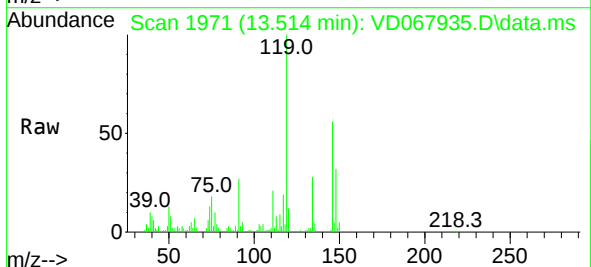
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC005

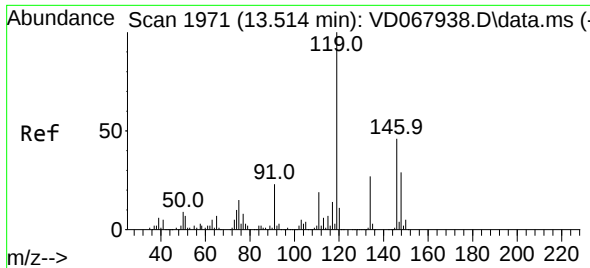
Tgt Ion:105 Resp: 72215  
 Ion Ratio Lower Upper  
 105 100  
 134 19.0 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 4.58 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. -0.006 min  
 Lab File: VD067935.D  
 Acq: 22 Dec 2020 15:51

Tgt Ion:119 Resp: 62969  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.3 39.9  
 91 24.8 11.4 34.2

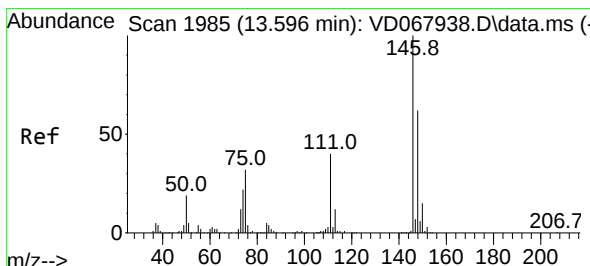
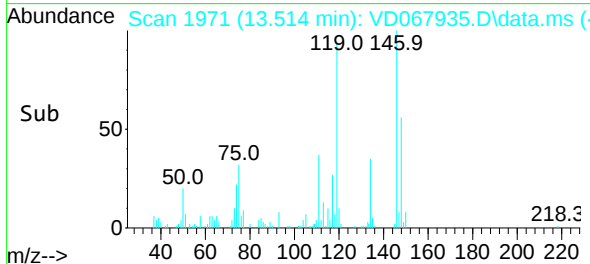
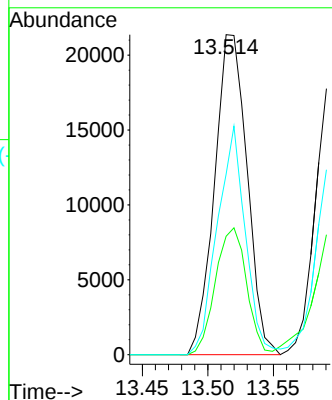
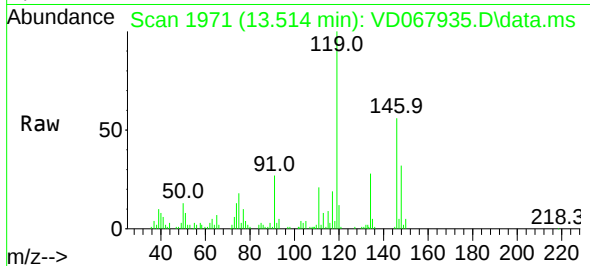




#87  
1,3-Dichlorobenzene  
Concen: 5.34 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

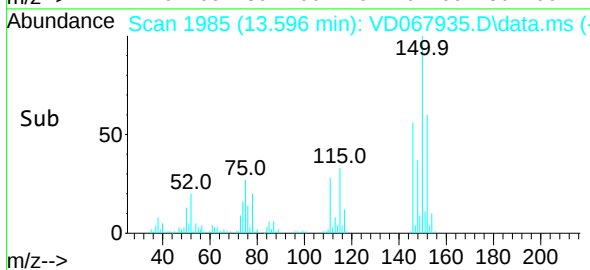
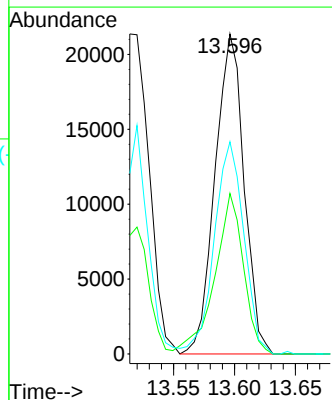
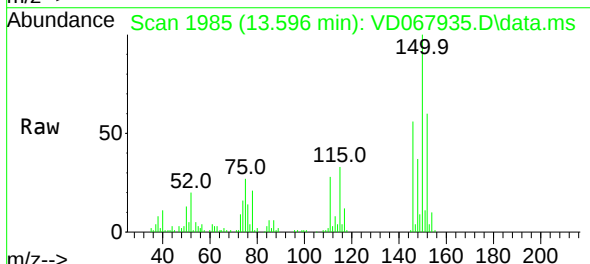
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

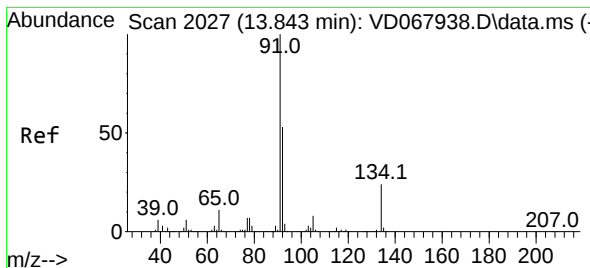
Tgt Ion:146 Resp: 36890  
Ion Ratio Lower Upper  
146 100  
111 38.0 20.3 60.9  
148 61.8 31.8 95.4



#88  
1,4-Dichlorobenzene  
Concen: 5.14 ug/l  
RT: 13.596 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion:146 Resp: 35454  
Ion Ratio Lower Upper  
146 100  
111 49.7 19.4 58.2  
148 67.4 31.9 95.9

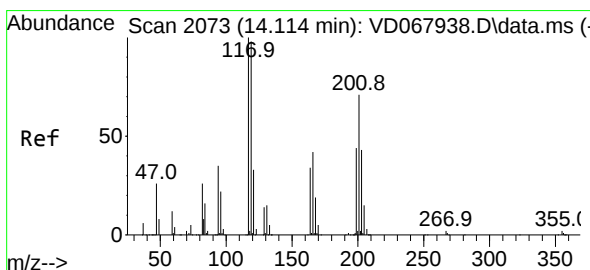
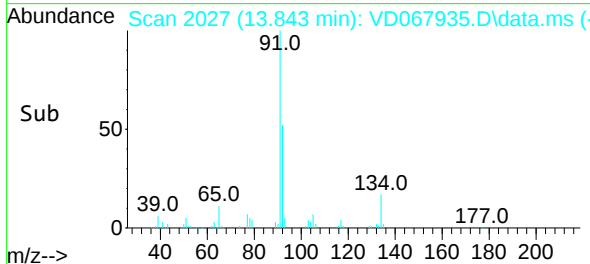
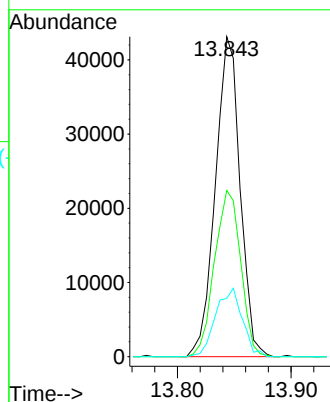
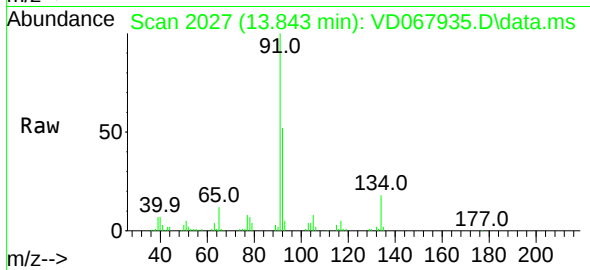




#89  
n-Butylbenzene  
Concen: 5.55 ug/l  
RT: 13.843 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

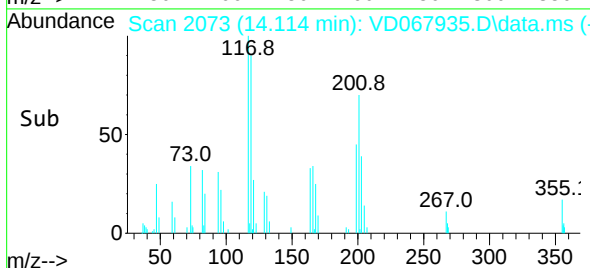
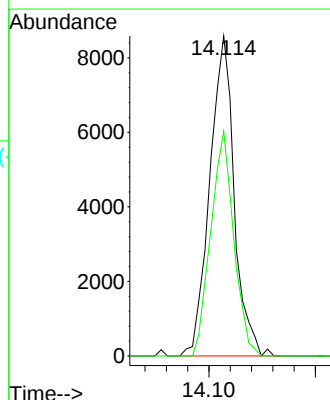
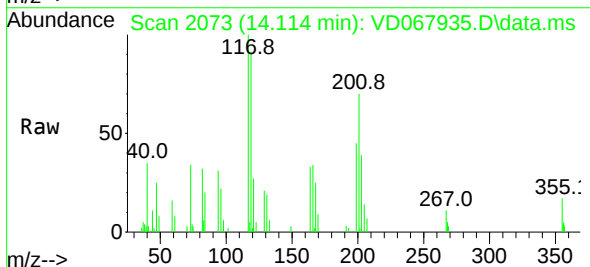
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

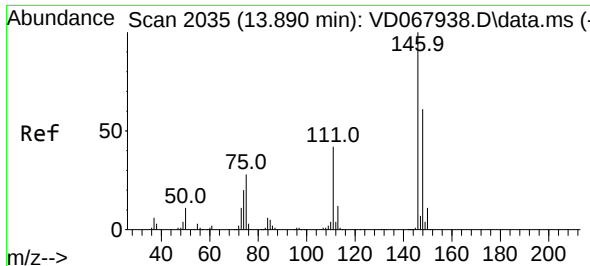
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 65136 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 55.0  | 26.8  | 80.3  |
| 134      | 23.1  | 12.3  | 36.9  |



#90  
Hexachloroethane  
Concen: 5.28 ug/l  
RT: 14.114 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 13677 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 66.0  | 34.3  | 102.8 |

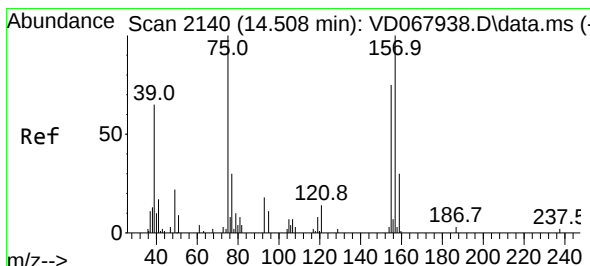
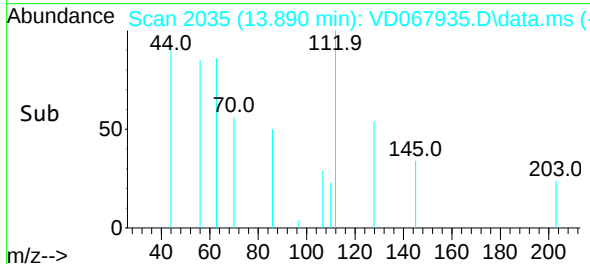
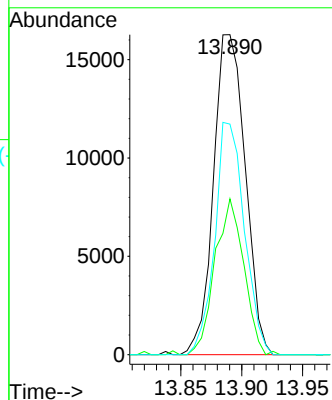
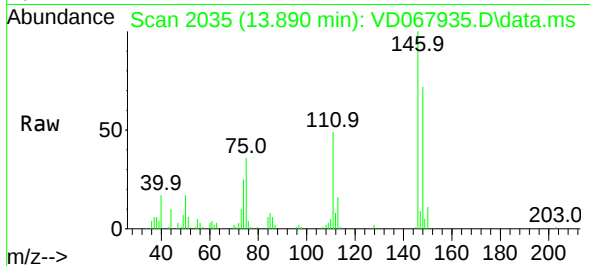




#91  
1,2-Dichlorobenzene  
Concen: 4.96 ug/l  
RT: 13.890 min Scan# 2035  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

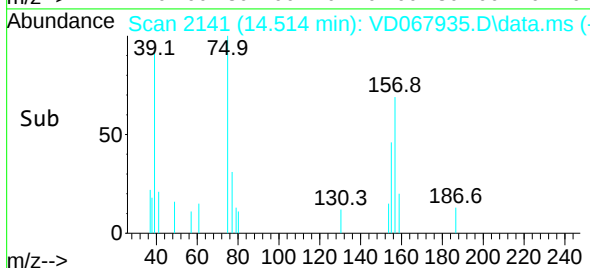
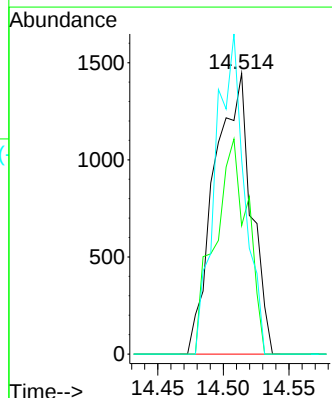
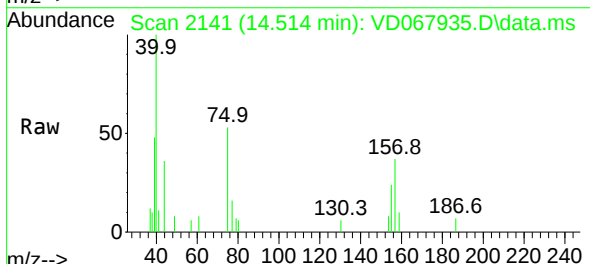
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

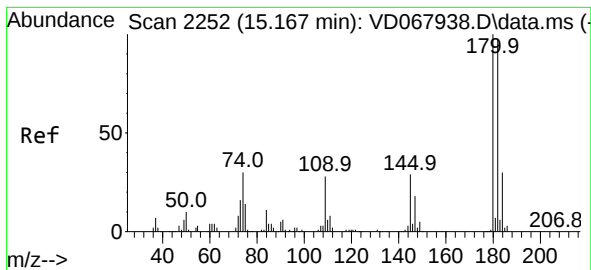
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 29545 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 44.2  | 20.8  | 62.5  |
| 148      | 67.7  | 31.6  | 95.0  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 7.13 ug/l  
RT: 14.514 min Scan# 2141  
Delta R.T. 0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 2820  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 68.3  | 39.8  | 119.3 |
| 157      | 89.8  | 50.6  | 151.9 |

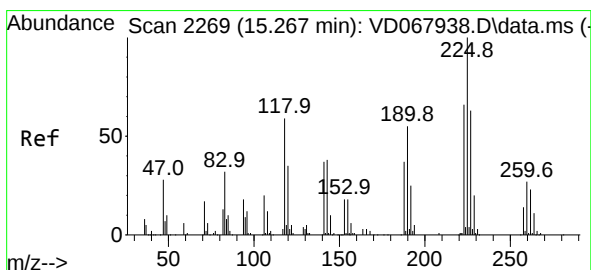
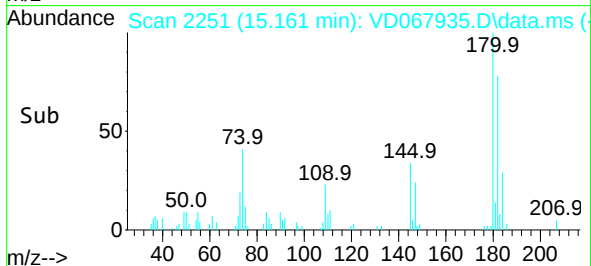
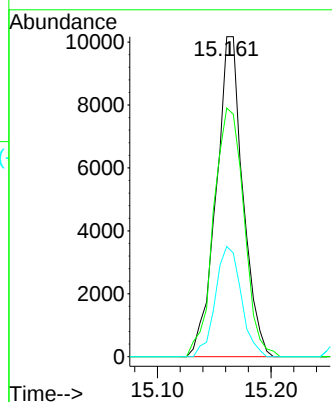
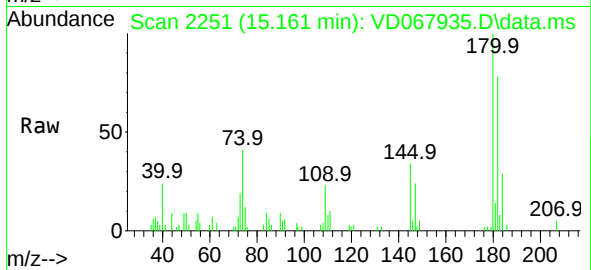




#93  
1,2,4-Trichlorobenzene  
Concen: 4.13 ug/l  
RT: 15.161 min Scan# 2251  
Delta R.T. -0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

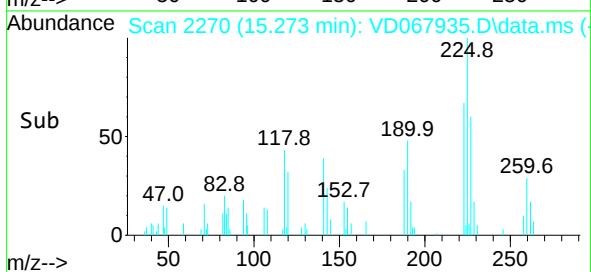
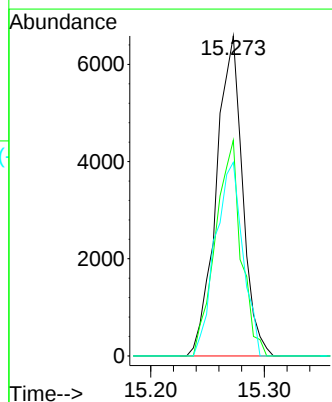
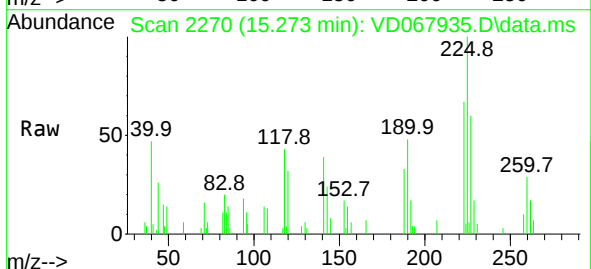
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

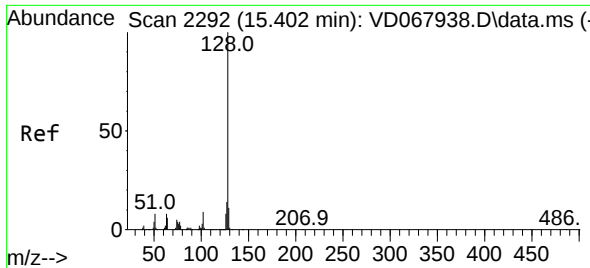
Tgt Ion:180 Resp: 16648  
Ion Ratio Lower Upper  
180 100  
182 87.8 48.0 144.2  
145 33.3 15.8 47.3



#94  
Hexachlorobutadiene  
Concen: 4.08 ug/l  
RT: 15.273 min Scan# 2270  
Delta R.T. 0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Tgt Ion:225 Resp: 10577  
Ion Ratio Lower Upper  
225 100  
223 66.1 33.4 100.2  
227 63.6 31.7 95.1

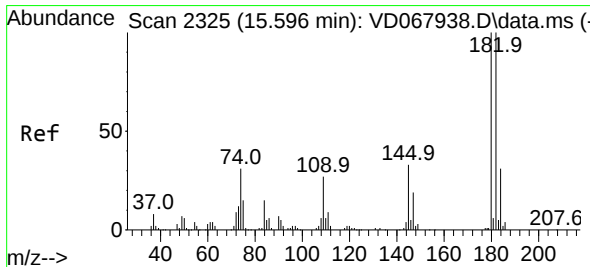
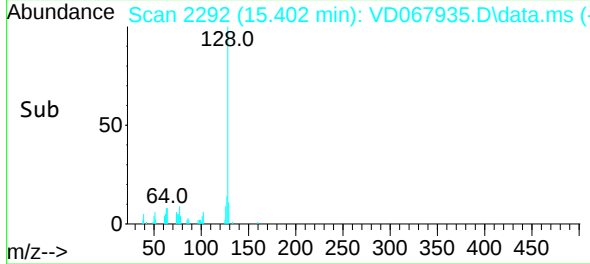
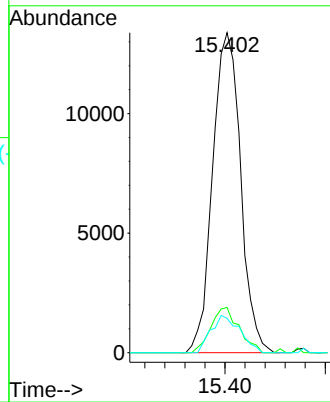
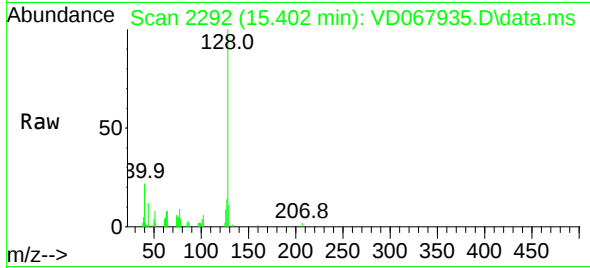




#95  
Naphthalene  
Concen: 3.91 ug/l  
RT: 15.402 min Scan# 2292  
Delta R.T. 0.000 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC005

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 25904     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 14.3  | 11.2 16.8 |
| 129         | 12.1  | 8.6 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 4.17 ug/l  
RT: 15.590 min Scan# 2324  
Delta R.T. -0.006 min  
Lab File: VD067935.D  
Acq: 22 Dec 2020 15:51

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 14484      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 103.4 | 50.2 150.6 |
| 145         | 40.2  | 17.0 51.0  |

