

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD122820\  
 Data File : VD067952.D  
 Acq On : 28 Dec 2020 10:36  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Dec 29 00:08:41 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122220S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 23 07:34:16 2020  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 326199   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 520167   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.644 | 117  | 473616   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.573 | 152  | 226877   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| System Monitoring Compounds |        |       |          |          |      |        |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 152578   | 43.32    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 86.64% |
| 35) Dibromofluoromethane    | 7.920  | 113   | 158621   | 48.40    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 96.80% |
| 50) Toluene-d8              | 10.344 | 98    | 578297   | 46.94    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 93.88% |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 205248   | 48.71    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 97.42% |

|                              |       |     |         |        |          |
|------------------------------|-------|-----|---------|--------|----------|
| Target Compounds             |       |     |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.985 | 85  | 180325  | 54.28  | ug/l 100 |
| 3) Chloromethane             | 2.209 | 50  | 188072  | 41.41  | ug/l 97  |
| 4) Vinyl Chloride            | 2.350 | 62  | 194539  | 45.96  | ug/l 94  |
| 5) Bromomethane              | 2.768 | 94  | 126999  | 47.23  | ug/l 97  |
| 6) Chloroethane              | 2.926 | 64  | 111211  | 42.75  | ug/l 91  |
| 7) Trichlorofluoromethane    | 3.273 | 101 | 324871  | 52.08  | ug/l 98  |
| 8) Diethyl Ether             | 3.709 | 74  | 83440   | 46.66  | ug/l 98  |
| 9) 1,1,2-Trichlorotrifluo... | 4.097 | 101 | 190172  | 51.15  | ug/l 99  |
| 10) Methyl Iodide            | 4.303 | 142 | 190912  | 50.30  | ug/l 99  |
| 11) Tert butyl alcohol       | 5.226 | 59  | 44241   | 207.61 | ug/l 97  |
| 12) 1,1-Dichloroethene       | 4.067 | 96  | 178720  | 50.11  | ug/l 95  |
| 13) Acrolein                 | 3.920 | 56  | 62926   | 251.02 | ug/l 97  |
| 14) Allyl chloride           | 4.720 | 41  | 289995  | 45.73  | ug/l 97  |
| 15) Acrylonitrile            | 5.420 | 53  | 201433  | 235.26 | ug/l 99  |
| 16) Acetone                  | 4.156 | 43  | 200223  | 297.72 | ug/l 90  |
| 17) Carbon Disulfide         | 4.409 | 76  | 606174  | 48.77  | ug/l 98  |
| 18) Methyl Acetate           | 4.720 | 43  | 87574   | 44.06  | ug/l 96  |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 371429  | 50.09  | ug/l 96  |
| 20) Methylene Chloride       | 4.967 | 84  | 203613  | 46.25  | ug/l 98  |
| 21) trans-1,2-Dichloroethene | 5.467 | 96  | 203698  | 47.79  | ug/l 98  |
| 22) Diisopropyl ether        | 6.361 | 45  | 581146  | 45.50  | ug/l 93  |
| 23) Vinyl Acetate            | 6.303 | 43  | 1572528 | 242.23 | ug/l 99  |
| 24) 1,1-Dichloroethane       | 6.267 | 63  | 351089  | 45.41  | ug/l 94  |
| 25) 2-Butanone               | 7.214 | 43  | 235095  | 237.04 | ug/l 98  |
| 26) 2,2-Dichloropropane      | 7.208 | 77  | 307343  | 50.45  | ug/l 99  |
| 27) cis-1,2-Dichloroethene   | 7.214 | 96  | 217813  | 47.83  | ug/l 97  |
| 28) Bromochloromethane       | 7.544 | 49  | 134846  | 46.26  | ug/l 93  |
| 29) Tetrahydrofuran          | 7.561 | 42  | 160654  | 239.46 | ug/l 99  |
| 30) Chloroform               | 7.708 | 83  | 355664  | 46.96  | ug/l 98  |
| 31) Cyclohexane              | 7.985 | 56  | 335413  | 46.58  | ug/l 95  |
| 32) 1,1,1-Trichloroethane    | 7.903 | 97  | 321378  | 49.54  | ug/l 99  |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 291032  | 52.64  | ug/l 99  |
| 37) Ethyl Acetate            | 7.291 | 43  | 114694  | 51.27  | ug/l 99  |
| 38) Carbon Tetrachloride     | 8.097 | 117 | 283064  | 53.60  | ug/l 95  |
| 39) Methylcyclohexane        | 9.355 | 83  | 358221  | 56.51  | ug/l 93  |
| 40) Benzene                  | 8.355 | 78  | 806480  | 50.29  | ug/l 99  |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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 Quant Title : SW846 8260  
 QLast Update : Wed Dec 23 07:34:16 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 56528    | 44.89   | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 215855   | 49.91   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 203279   | 49.51   | ug/l   | 99       |
| 44) Trichloroethene           | 9.114  | 130  | 206025   | 51.24   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 205595   | 50.35   | ug/l   | 98       |
| 46) Dibromomethane            | 9.479  | 93   | 104573   | 52.69   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.661  | 83   | 268574   | 50.16   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.461  | 41   | 109472   | 51.59   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.467  | 88   | 22538    | 1040.06 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.232 | 43   | 546497   | 257.02  | ug/l   | 97       |
| 52) Toluene                   | 10.402 | 92   | 506997   | 51.21   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 255064   | 52.67   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 306258   | 51.11   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 142287   | 51.30   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 172363   | 55.31   | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 10.949 | 76   | 249649   | 51.18   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 453406   | 289.11  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.985 | 43   | 394982   | 282.67  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.138 | 129  | 184990   | 53.84   | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.249 | 107  | 139721   | 52.51   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.879 | 164  | 172023   | 51.77   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.673 | 112  | 518975   | 50.80   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.744 | 131  | 189566   | 51.98   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.744 | 91   | 964044   | 52.91   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.855 | 106  | 746489   | 107.50  | ug/l   | 98       |
| 69) o-Xylene                  | 12.179 | 106  | 331029   | 53.28   | ug/l   | 99       |
| 70) Styrene                   | 12.196 | 104  | 573359   | 53.40   | ug/l   | 99       |
| 71) Bromoform                 | 12.361 | 173  | 96612    | 52.41   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.479 | 105  | 921545   | 54.72   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.285 | 43   | 191648   | 50.13   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 157836   | 50.52   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.785 | 75   | 206663   | 108.19  | ug/l # | 100      |
| 77) Bromobenzene              | 12.761 | 156  | 200137   | 51.97   | ug/l   | 97       |
| 78) n-propylbenzene           | 12.820 | 91   | 1143017  | 54.60   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 617036   | 52.17   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 768170   | 54.92   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 52365    | 56.19   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 657872   | 52.93   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.226 | 119  | 650941   | 56.59   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 759445   | 54.14   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.402 | 105  | 934933   | 55.55   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 838942   | 56.64   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 396700   | 51.80   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.596 | 146  | 388011   | 51.30   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.843 | 91   | 824981   | 56.15   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.108 | 117  | 165356   | 54.64   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.890 | 146  | 338643   | 52.52   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.502 | 75   | 23106    | 47.24   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.161 | 180  | 214929   | 56.14   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.267 | 225  | 126007   | 56.25   | ug/l   | 98       |
| 95) Naphthalene               | 15.402 | 128  | 391417   | 57.85   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.590 | 180  | 185387   | 56.05   | ug/l   | 95       |

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

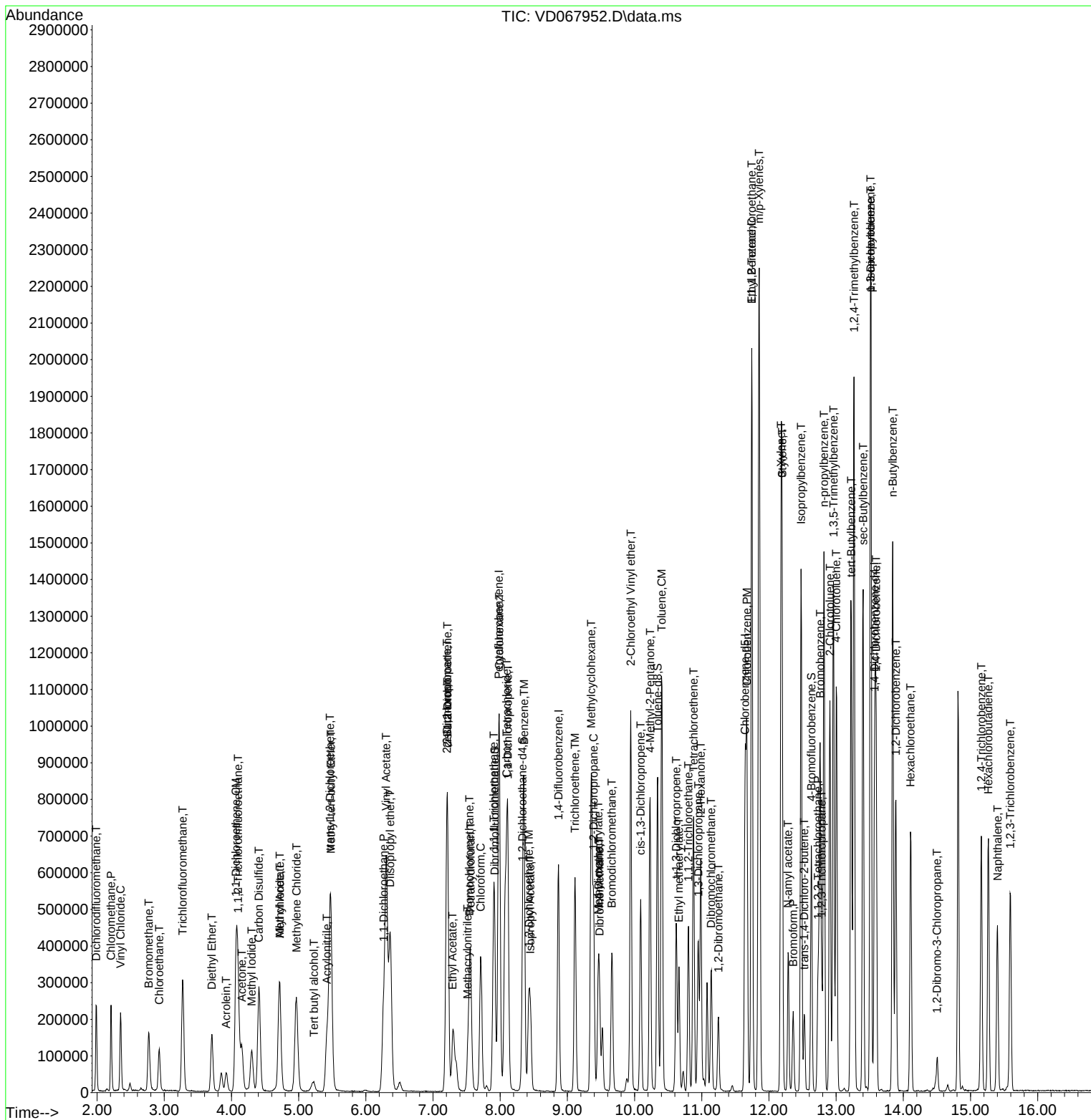
Instrument :  
MSVOA\_D  
ClientSampleId :

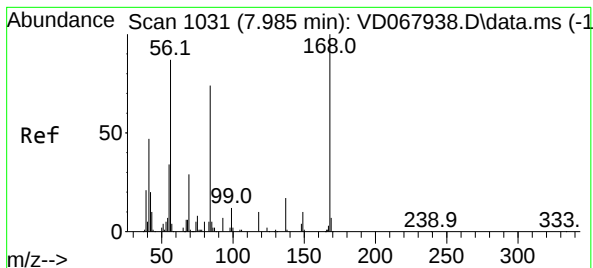
Quant Time: Dec 29 00:08:41 2020  
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Quant Title : SW846 8260  
QLast Update : Wed Dec 23 07:34:16 2020  
Response via : Initial Calibration

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

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

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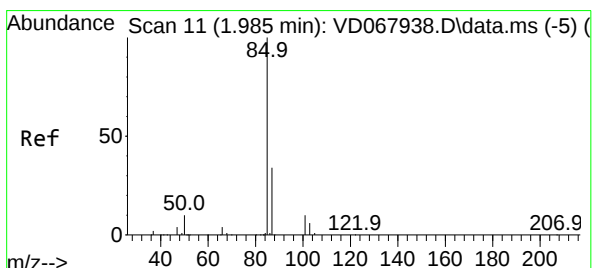
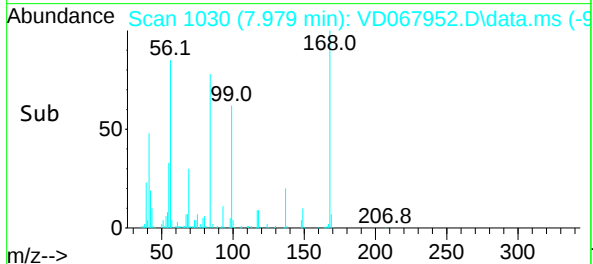
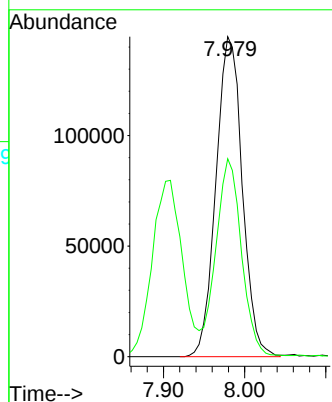
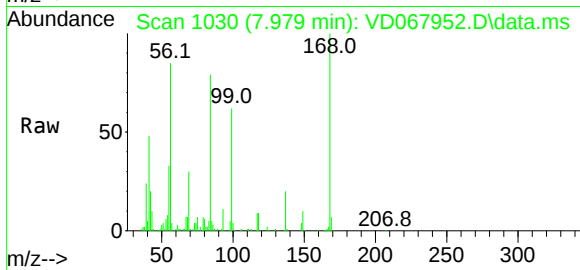




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

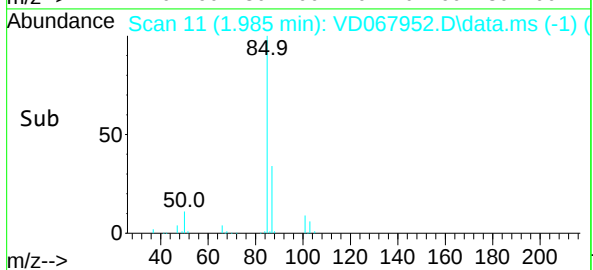
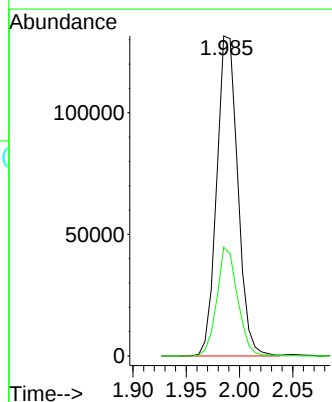
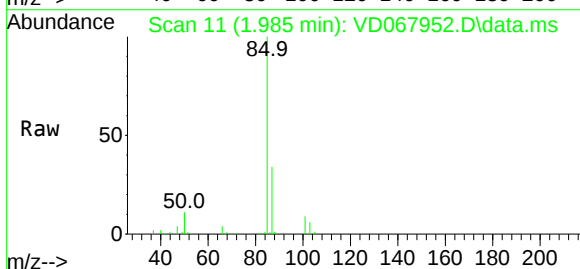
Instrument :  
MSVOA\_D  
ClientSampleId :

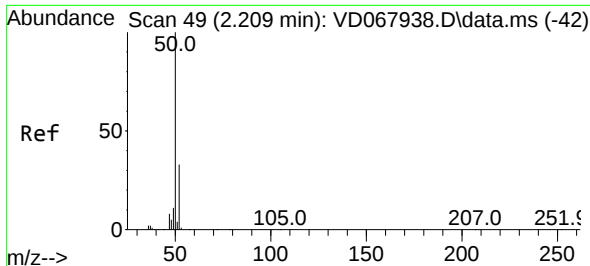
Tgt Ion:168 Resp: 326199  
Ion Ratio Lower Upper  
168 100  
99 61.4 48.0 72.0



#2  
Dichlorodifluoromethane  
Concen: 54.28 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 85 Resp: 180325  
Ion Ratio Lower Upper  
85 100  
87 33.9 17.1 51.3

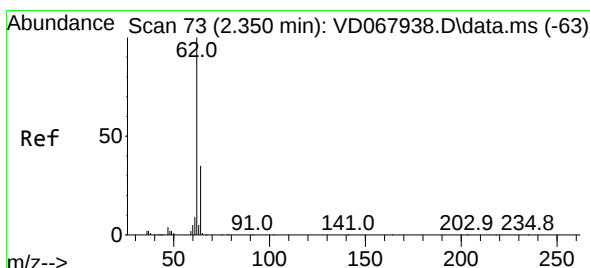
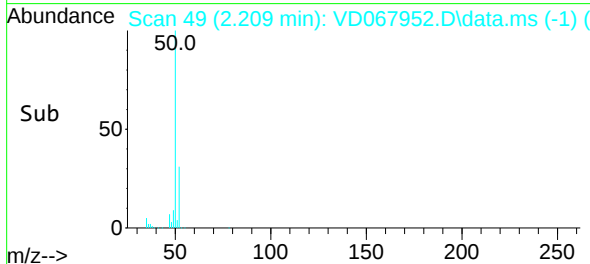
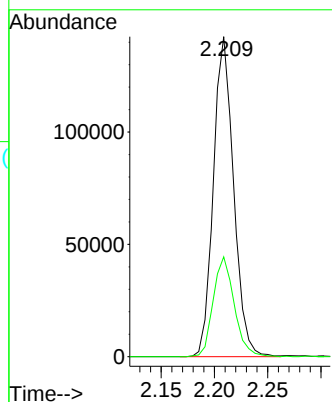
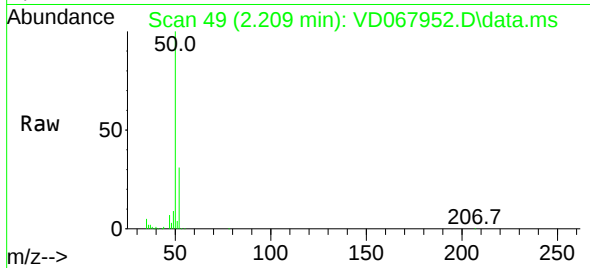




#3  
Chloromethane  
Concen: 41.41 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

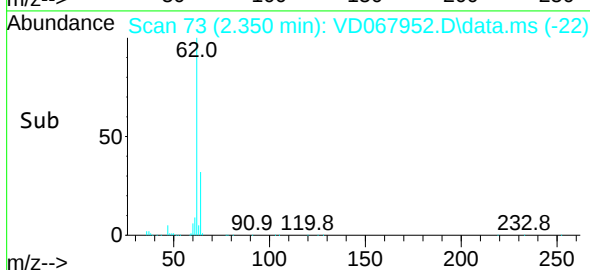
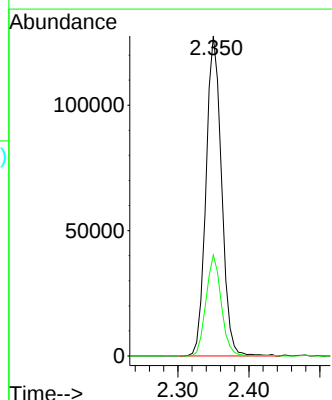
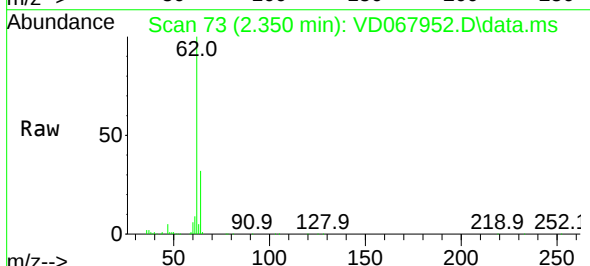
Instrument :  
MSVOA\_D  
ClientSampleId :

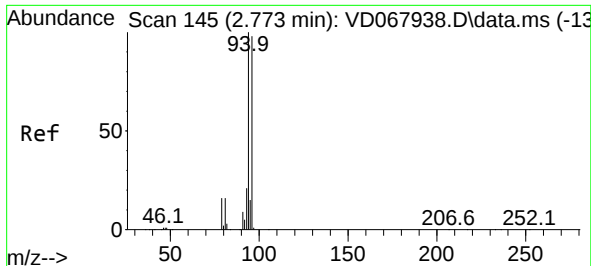
Tgt Ion: 50 Resp: 188072  
Ion Ratio Lower Upper  
50 100  
52 31.2 26.2 39.4



#4  
Vinyl Chloride  
Concen: 45.96 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 62 Resp: 194539  
Ion Ratio Lower Upper  
62 100  
64 31.5 28.1 42.1

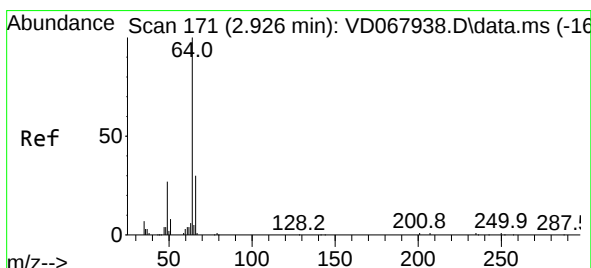
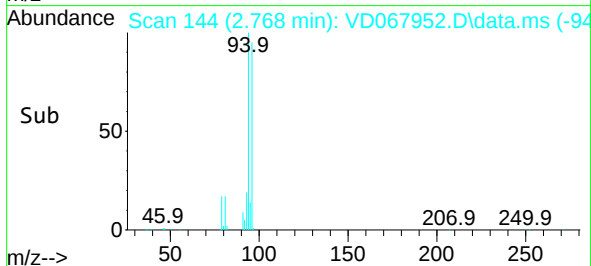
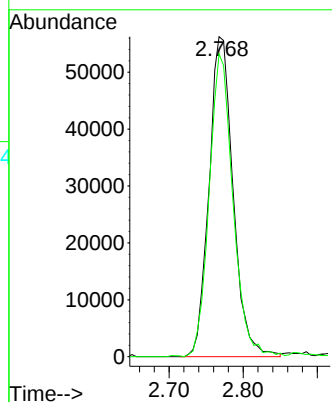
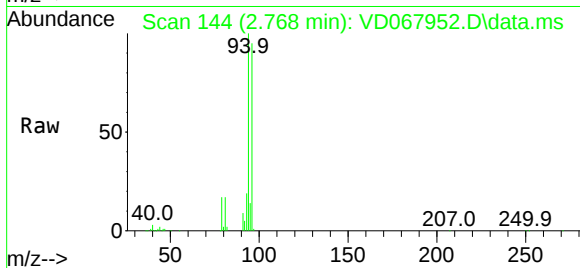




#5  
Bromomethane  
Concen: 47.23 ug/l  
RT: 2.768 min Scan# 144  
Delta R.T. -0.005 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

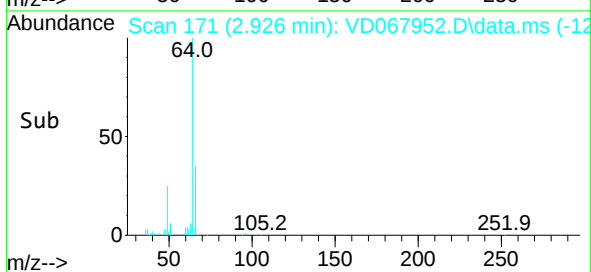
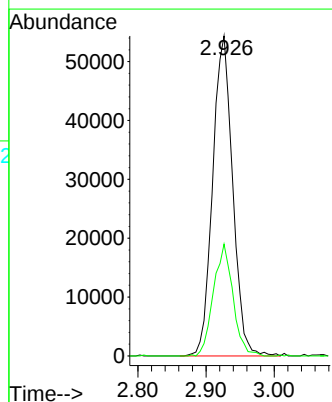
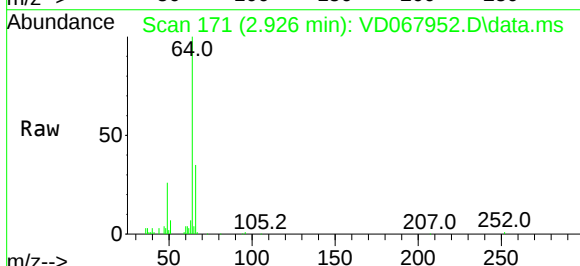
Instrument :  
MSVOA\_D  
ClientSampleId :

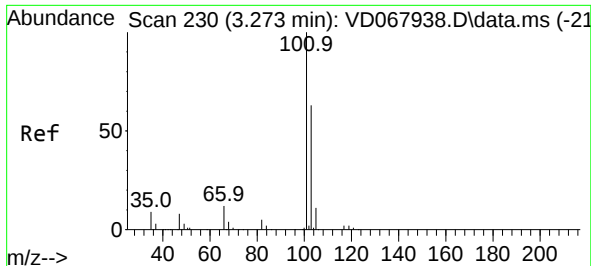
Tgt Ion: 94 Resp: 126999  
Ion Ratio Lower Upper  
94 100  
96 94.3 78.0 117.0



#6  
Chloroethane  
Concen: 42.75 ug/l  
RT: 2.926 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 64 Resp: 111211  
Ion Ratio Lower Upper  
64 100  
66 35.0 24.1 36.1

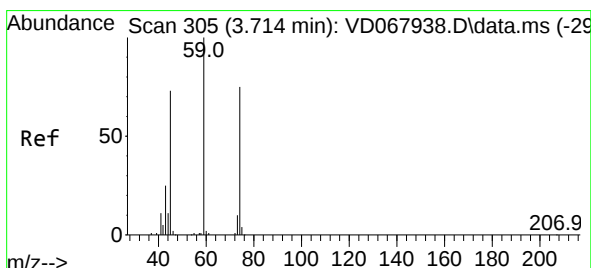
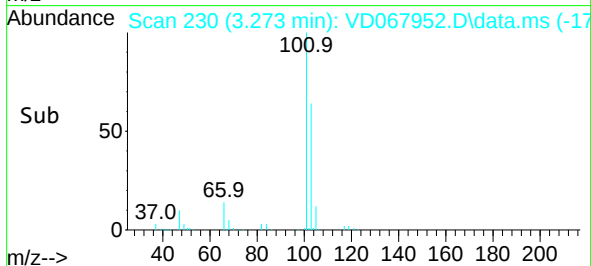
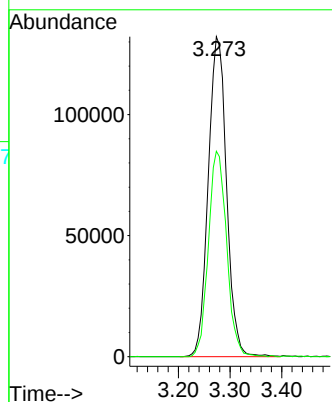
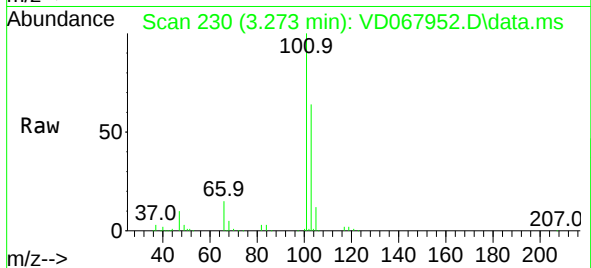




#7  
Trichlorofluoromethane  
Concen: 52.08 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

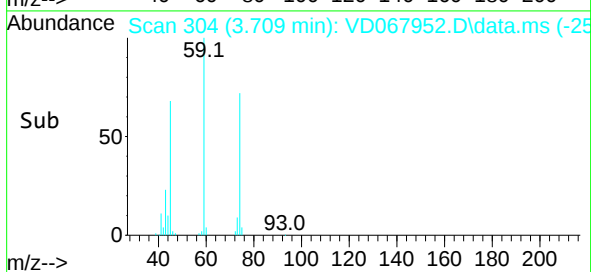
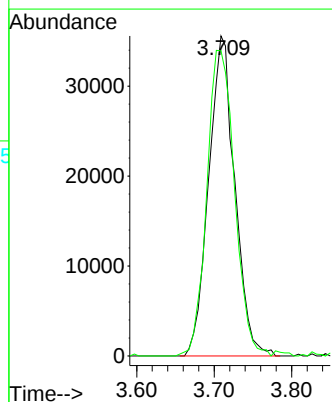
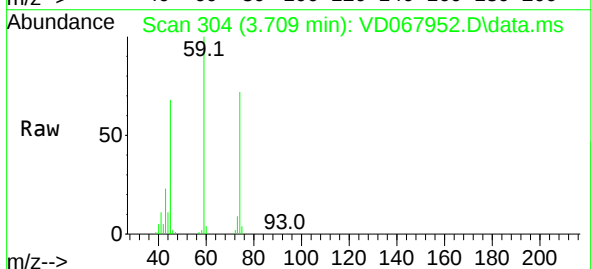
Instrument :  
MSVOA\_D  
ClientSampleId :

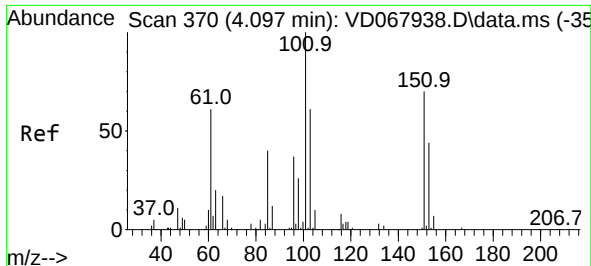
Tgt Ion:101 Resp: 324871  
Ion Ratio Lower Upper  
101 100  
103 64.2 50.4 75.6



#8  
Diethyl Ether  
Concen: 46.66 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 74 Resp: 83440  
Ion Ratio Lower Upper  
74 100  
45 101.4 51.8 155.5

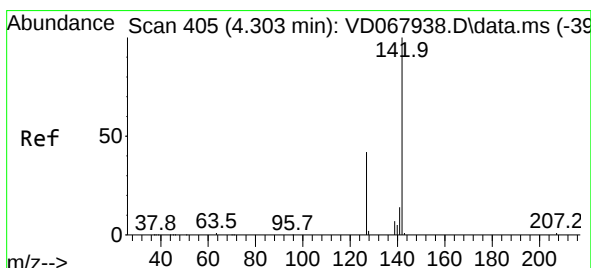
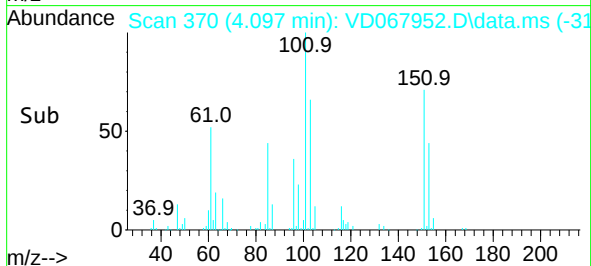
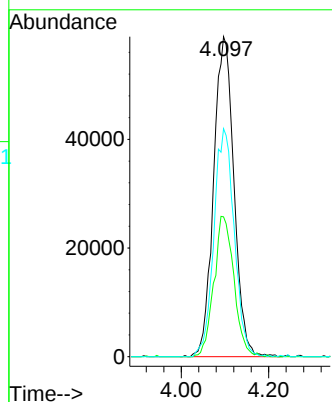
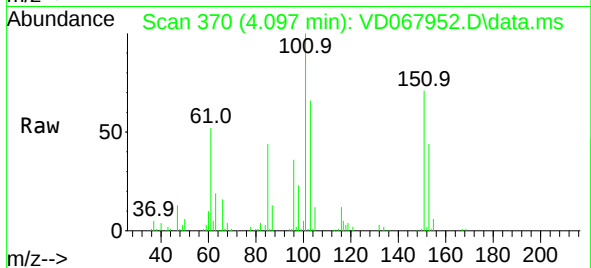




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.15 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

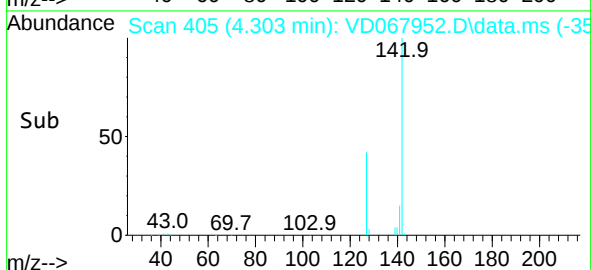
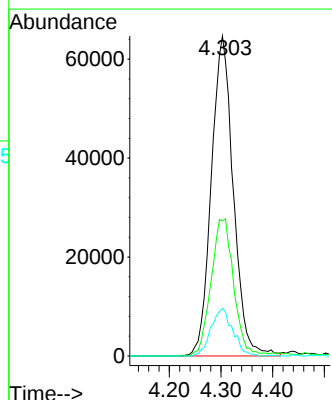
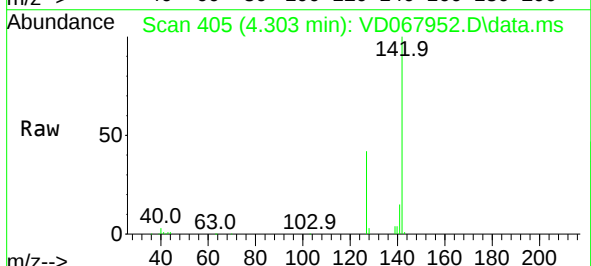
Instrument :  
MSVOA\_D  
ClientSampleId :

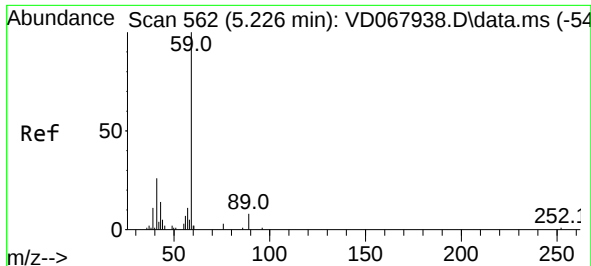
Tgt Ion:101 Resp: 190172  
Ion Ratio Lower Upper  
101 100  
85 43.1 34.2 51.2  
151 71.2 57.6 86.4



#10  
Methyl Iodide  
Concen: 50.30 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion:142 Resp: 190912  
Ion Ratio Lower Upper  
142 100  
127 44.1 34.4 51.6  
141 14.7 11.8 17.8



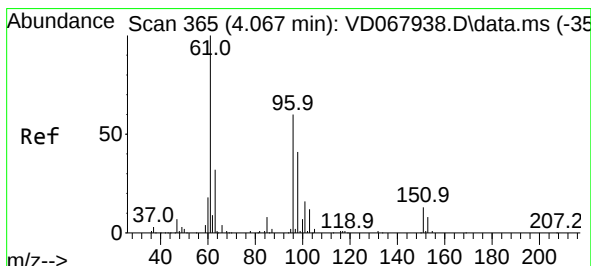
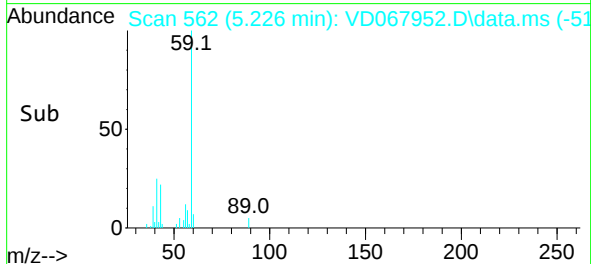
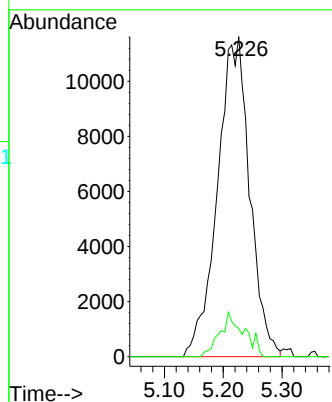
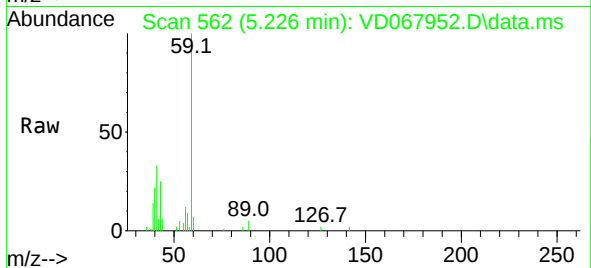


#11

Tert butyl alcohol  
Concen: 207.61 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Instrument :  
MSVOA\_D  
ClientSampled :

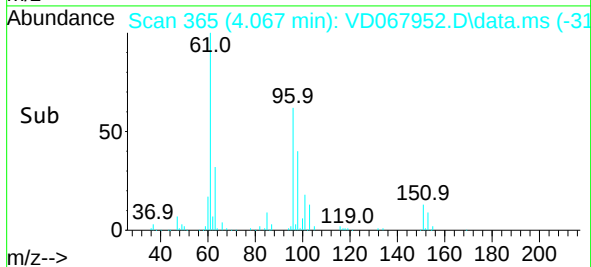
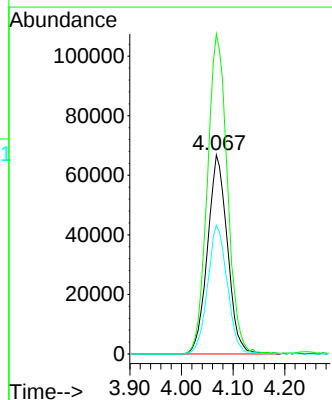
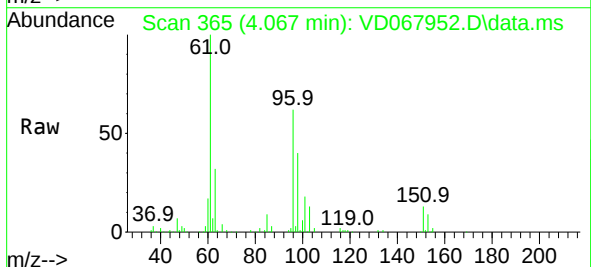
Tgt Ion: 59 Resp: 44241  
Ion Ratio Lower Upper  
59 100  
57 10.4 7.4 11.2

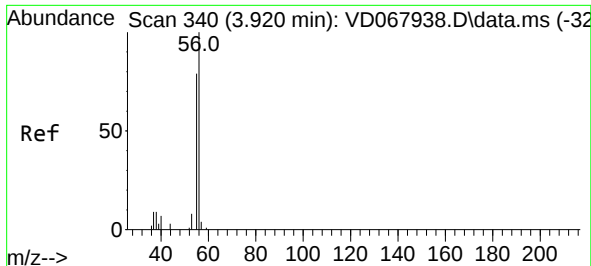


#12

1,1-Dichloroethene  
Concen: 50.11 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 96 Resp: 178720  
Ion Ratio Lower Upper  
96 100  
61 160.7 133.6 200.4  
98 64.7 54.8 82.2

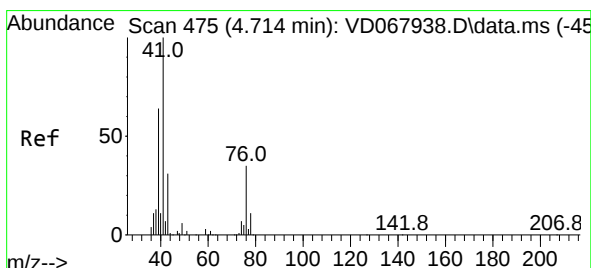
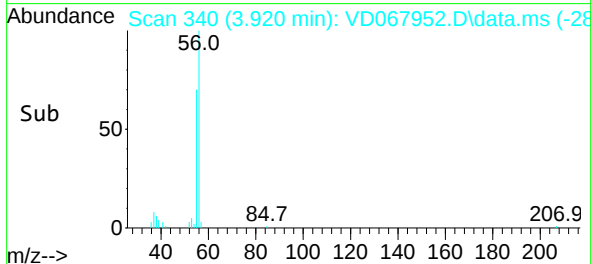
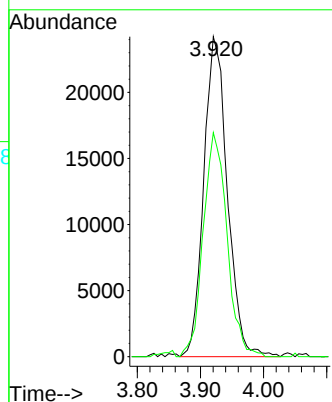
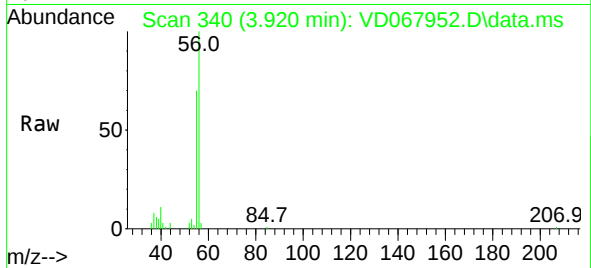




#13  
Acrolein  
Concen: 251.02 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

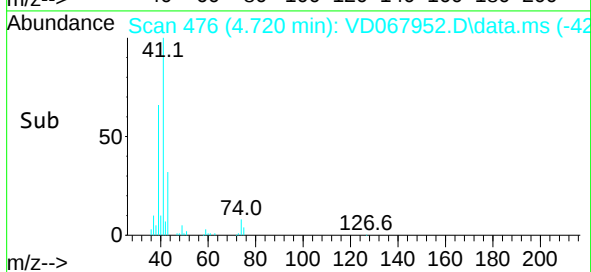
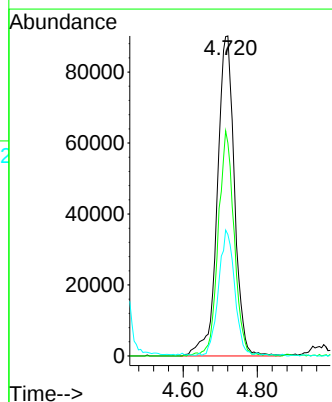
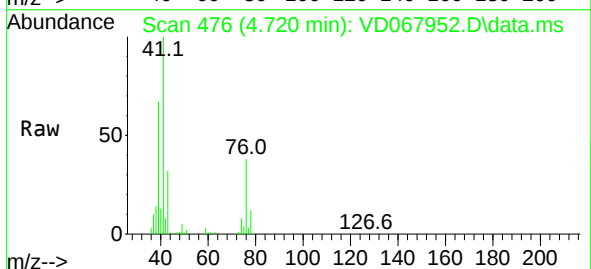
Instrument :  
MSVOA\_D  
ClientSampleId :

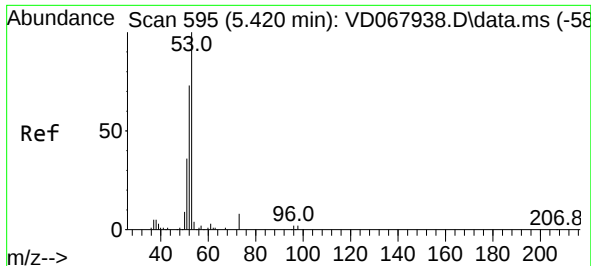
Tgt Ion: 56 Resp: 62926  
Ion Ratio Lower Upper  
56 100  
55 70.5 58.5 87.7



#14  
Allyl chloride  
Concen: 45.73 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 41 Resp: 289995  
Ion Ratio Lower Upper  
41 100  
39 65.1 50.5 75.7  
76 36.5 27.0 40.4

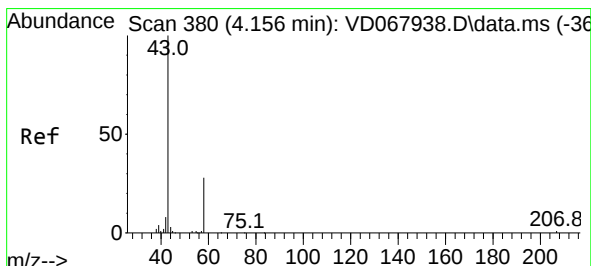
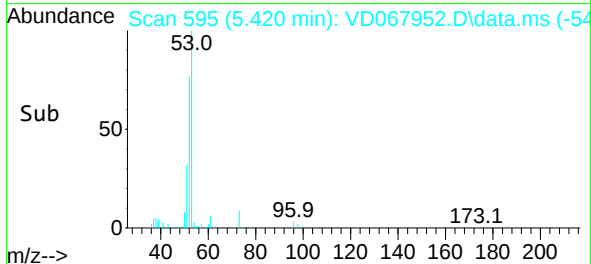
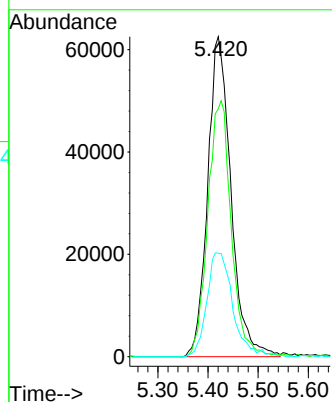
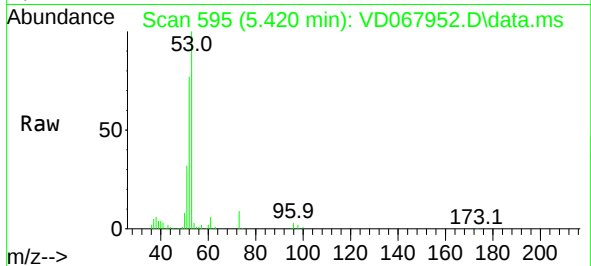




#15  
Acrylonitrile  
Concen: 235.26 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

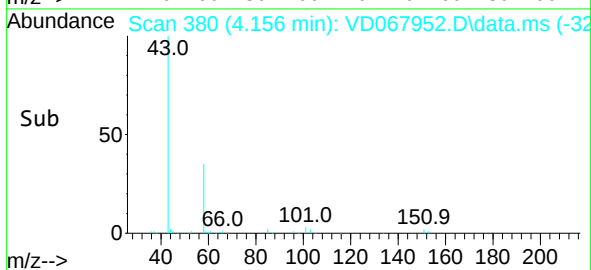
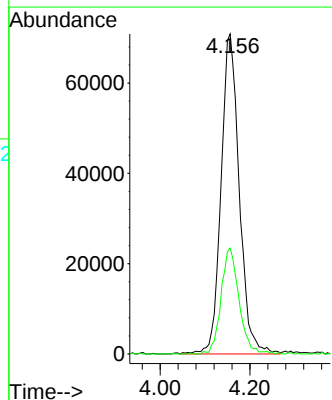
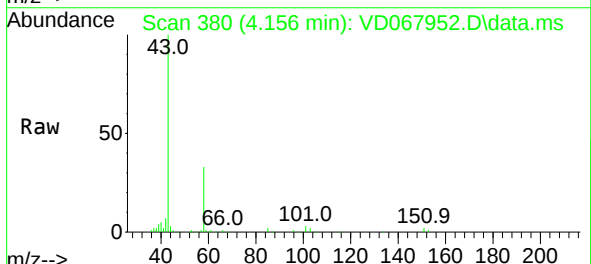
Instrument :  
MSVOA\_D  
ClientSampleId :

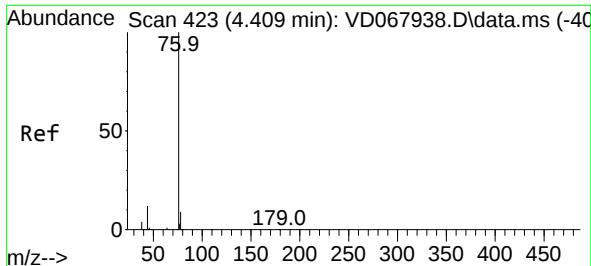
Tgt Ion: 53 Resp: 201433  
Ion Ratio Lower Upper  
53 100  
52 80.6 65.3 97.9  
51 36.3 29.4 44.2



#16  
Acetone  
Concen: 297.72 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 43 Resp: 200223  
Ion Ratio Lower Upper  
43 100  
58 33.1 22.3 33.5

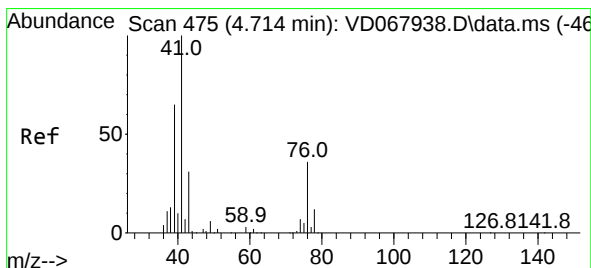
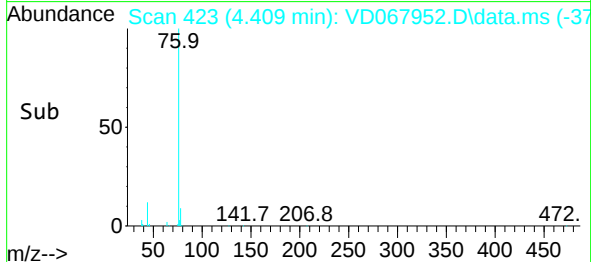
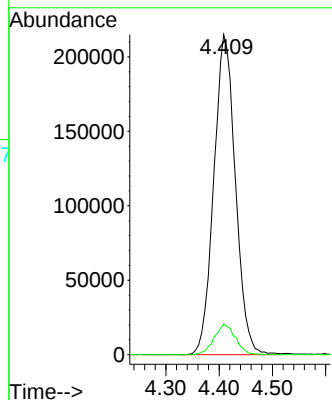
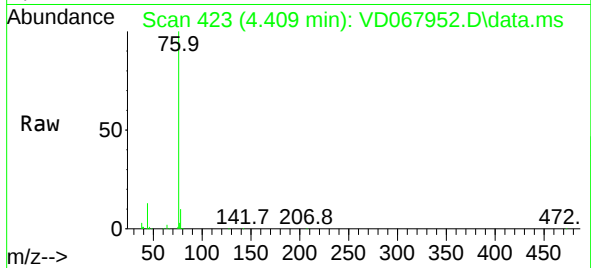




#17  
Carbon Disulfide  
Concen: 48.77 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

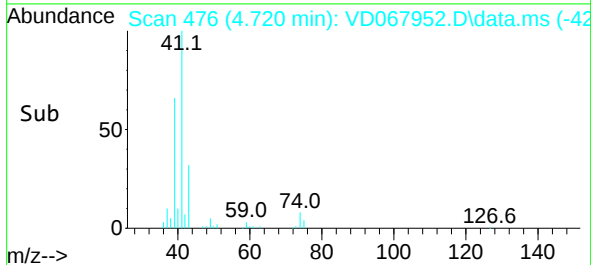
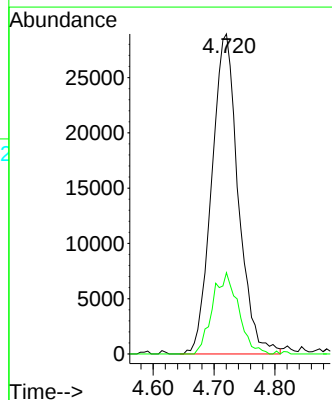
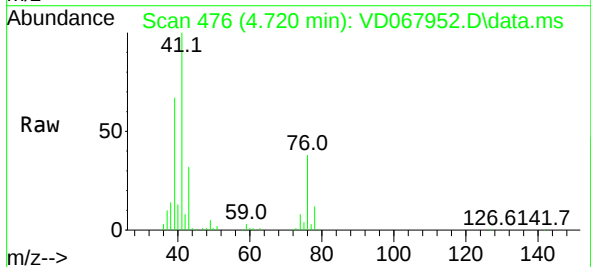
Instrument :  
MSVOA\_D  
ClientSampleId :

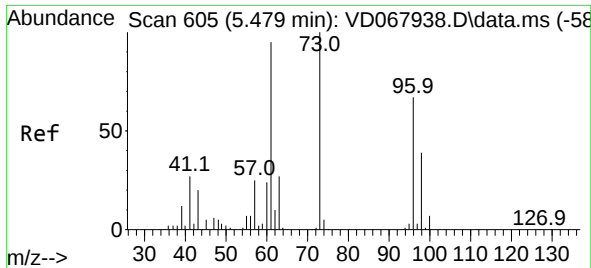
Tgt Ion: 76 Resp: 606174  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.1 10.7



#18  
Methyl Acetate  
Concen: 44.06 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 43 Resp: 87574  
Ion Ratio Lower Upper  
43 100  
74 24.8 18.2 27.2



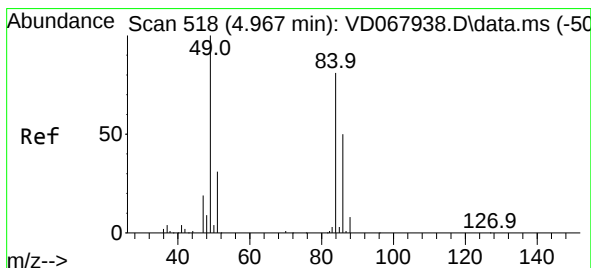
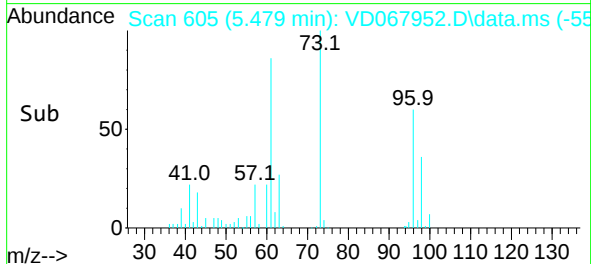
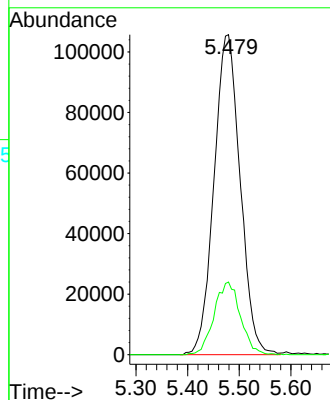
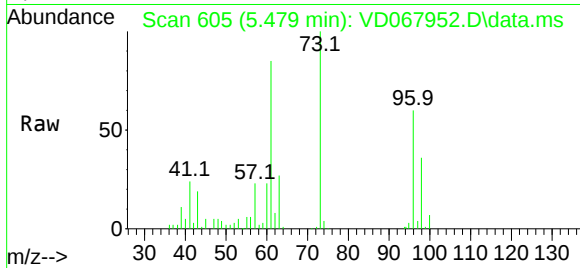


#19

Methyl tert-butyl Ether  
 Concen: 50.09 ug/l  
 RT: 5.479 min Scan# 605  
 Delta R.T. 0.000 min  
 Lab File: VD067952.D  
 Acq: 28 Dec 2020 10:36

Instrument :  
 MSVOA\_D  
 ClientSampleId :

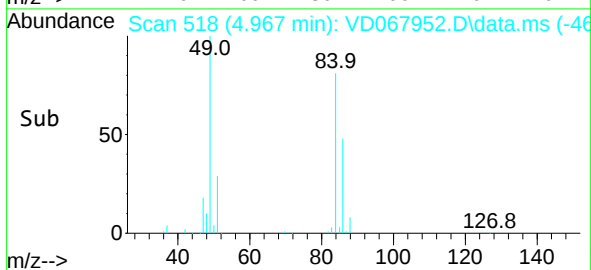
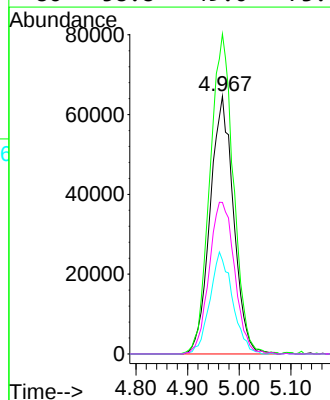
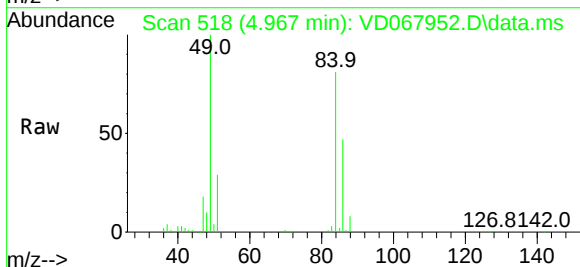
Tgt Ion: 73 Resp: 371429  
 Ion Ratio Lower Upper  
 73 100  
 57 22.7 19.8 29.6

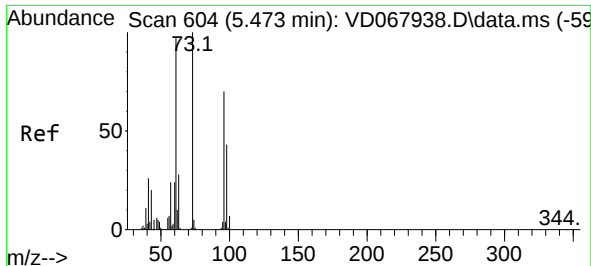


#20

Methylene Chloride  
 Concen: 46.25 ug/l  
 RT: 4.967 min Scan# 518  
 Delta R.T. 0.000 min  
 Lab File: VD067952.D  
 Acq: 28 Dec 2020 10:36

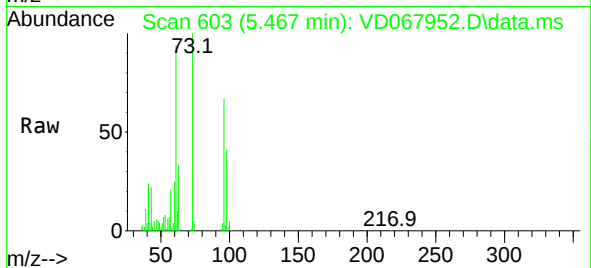
Tgt Ion: 84 Resp: 203613  
 Ion Ratio Lower Upper  
 84 100  
 49 124.1 98.3 147.5  
 51 36.4 30.3 45.5  
 86 58.8 49.0 73.4



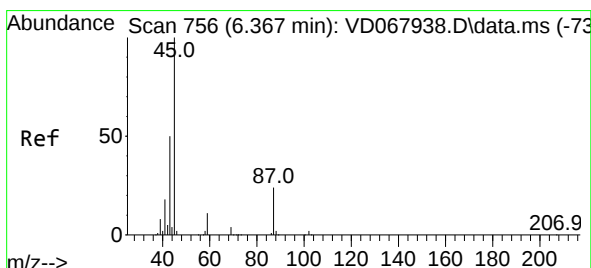
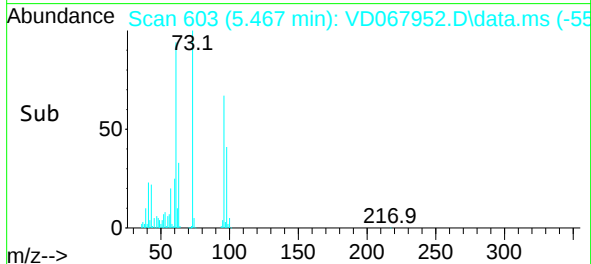
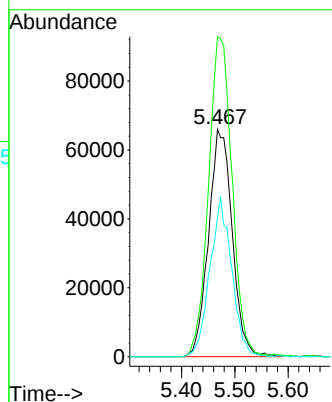


#21  
trans-1,2-Dichloroethene  
Concen: 47.79 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

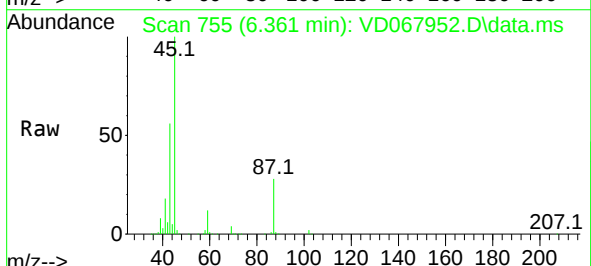
Instrument :  
MSVOA\_D  
ClientSampleId :



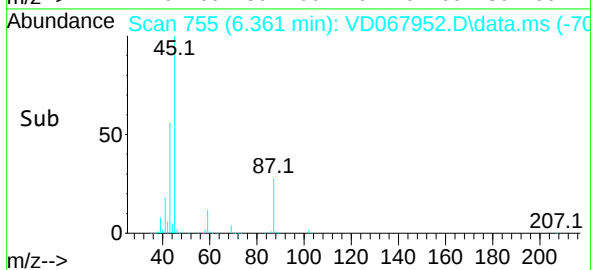
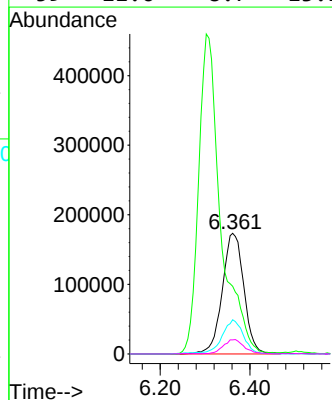
Tgt Ion: 96 Resp: 203698  
Ion Ratio Lower Upper  
96 100  
61 140.7 109.9 164.9  
98 61.5 49.0 73.4

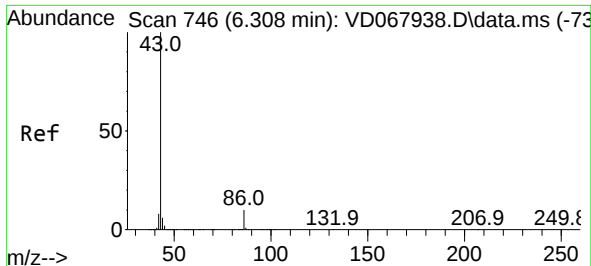


#22  
Diisopropyl ether  
Concen: 45.50 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36



Tgt Ion: 45 Resp: 581146  
Ion Ratio Lower Upper  
45 100  
43 55.3 40.2 60.4  
87 28.4 19.2 28.8  
59 11.6 8.7 13.1

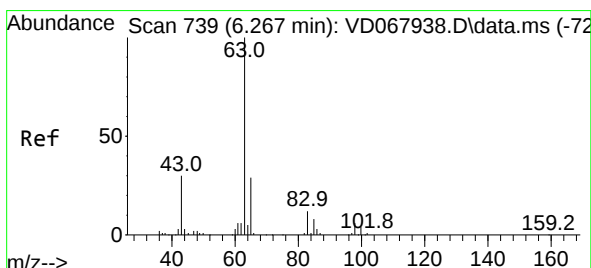
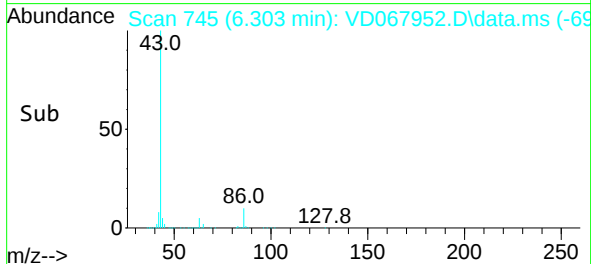
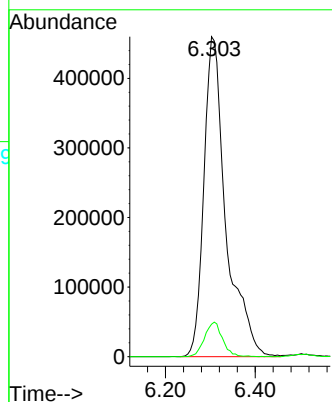
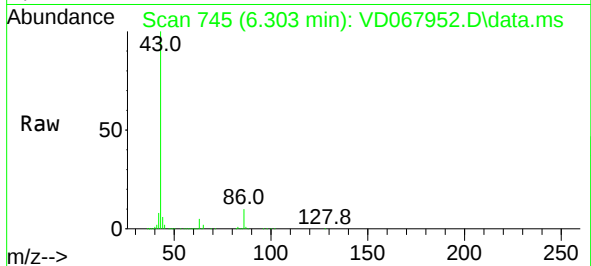




#23  
 Vinyl Acetate  
 Concen: 242.23 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.006 min  
 Lab File: VD067952.D  
 Acq: 28 Dec 2020 10:36

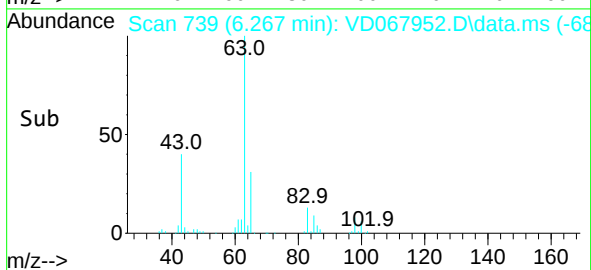
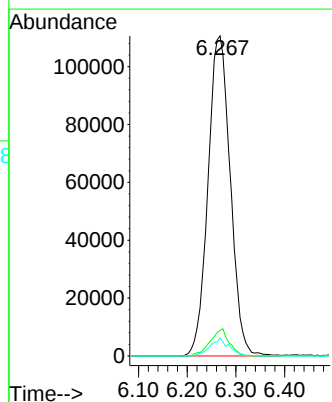
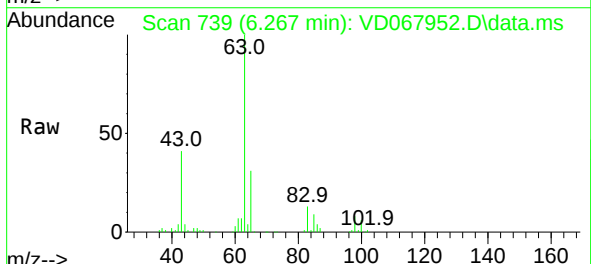
Instrument :  
 MSVOA\_D  
 ClientSampled :

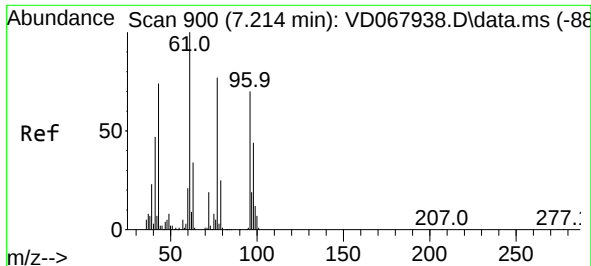
Tgt Ion: 43 Resp: 1572528  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 7.9 11.9



#24  
 1,1-Dichloroethane  
 Concen: 45.41 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. 0.000 min  
 Lab File: VD067952.D  
 Acq: 28 Dec 2020 10:36

Tgt Ion: 63 Resp: 351089  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 2.9 8.6  
 100 5.7 1.9 5.7

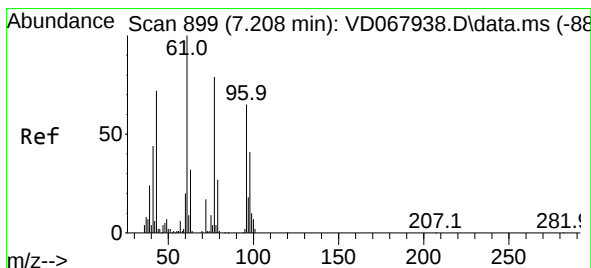
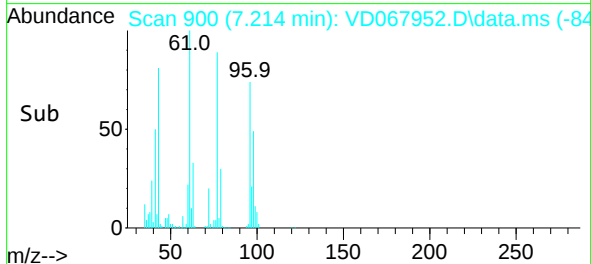
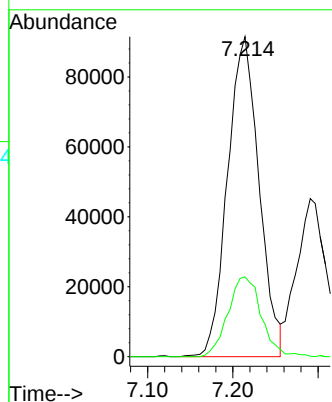
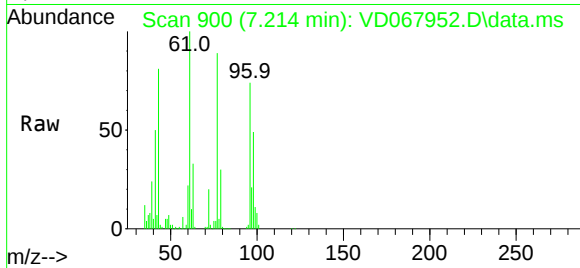




#25  
2-Butanone  
Concen: 237.04 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

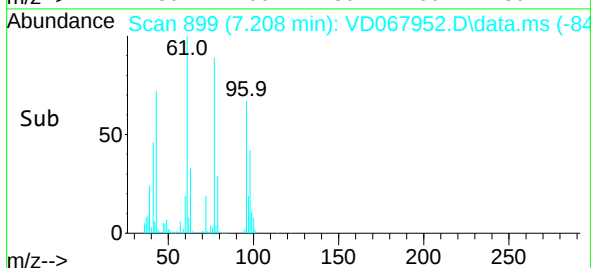
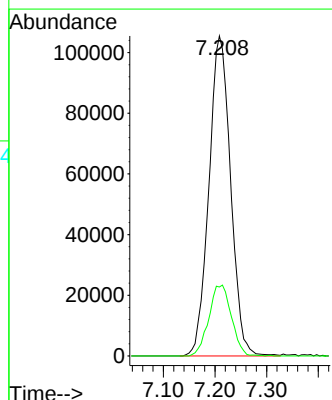
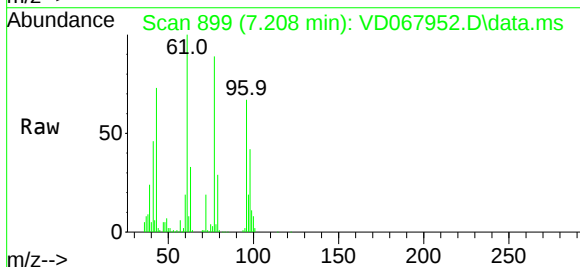
Instrument :  
MSVOA\_D  
ClientSampled :

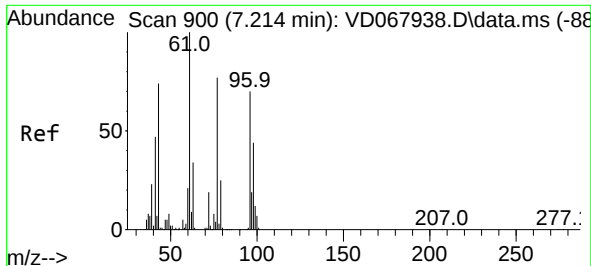
Tgt Ion: 43 Resp: 235095  
Ion Ratio Lower Upper  
43 100  
72 24.9 20.8 31.2



#26  
2,2-Dichloropropane  
Concen: 50.45 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 77 Resp: 307343  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 47.83 ug/l

RT: 7.214 min Scan# 900

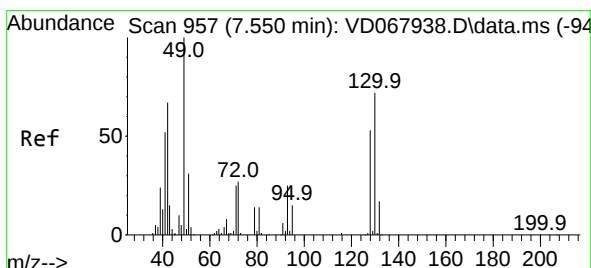
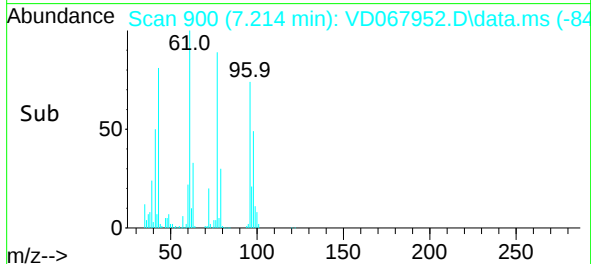
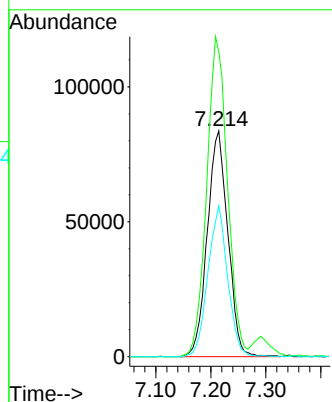
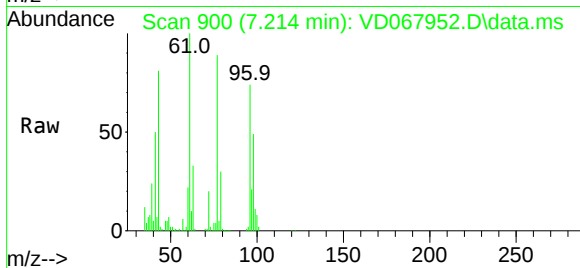
Delta R.T. 0.000 min

Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 217813 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 143.0 | 0.0   | 295.4  |
| 98       | 63.9  | 0.0   | 130.4  |

Instrument :  
MSVOA\_D  
ClientSampleId :



#28

Bromochloromethane

Concen: 46.26 ug/l

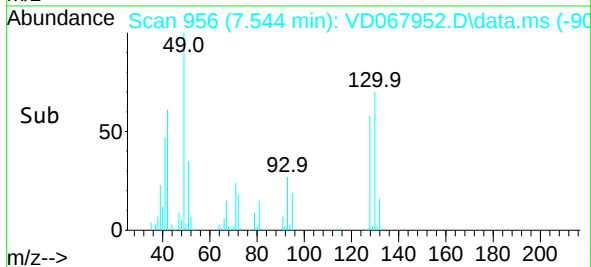
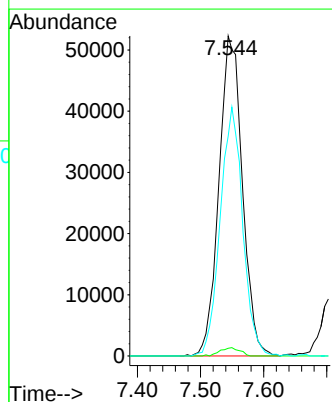
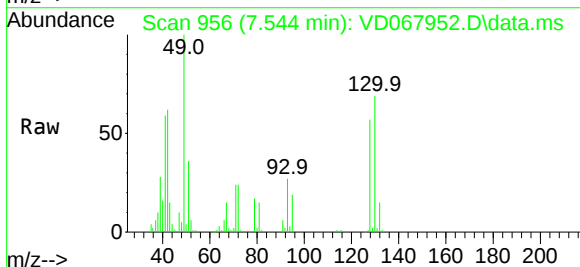
RT: 7.544 min Scan# 956

Delta R.T. -0.006 min

Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 134846 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 2.2   | 0.0   | 4.4    |
| 130      | 74.7  | 54.8  | 82.2   |





#29

Tetrahydrofuran

Concen: 239.46 ug/l

RT: 7.561 min Scan# 959

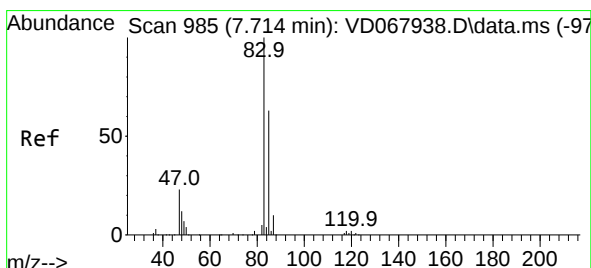
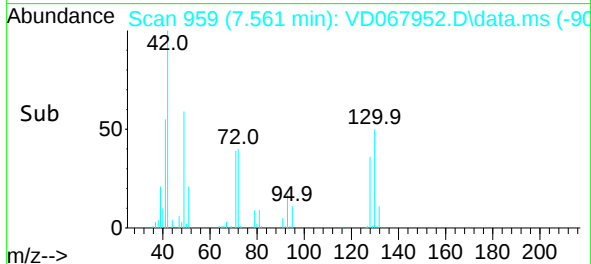
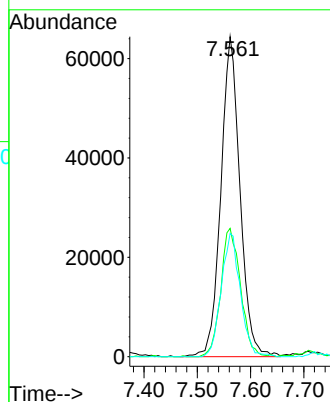
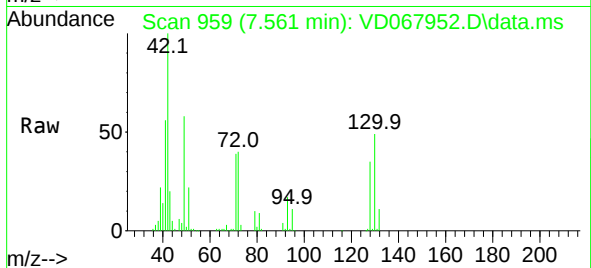
Delta R.T. -0.006 min

Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

Instrument :  
MSVOA\_D  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 160654 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 41.4  | 32.9  | 49.3   |
| 71       | 38.7  | 29.9  | 44.9   |



#30

Chloroform

Concen: 46.96 ug/l

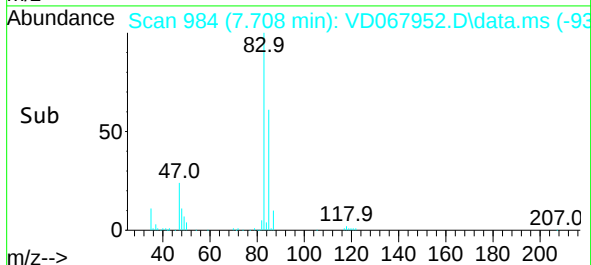
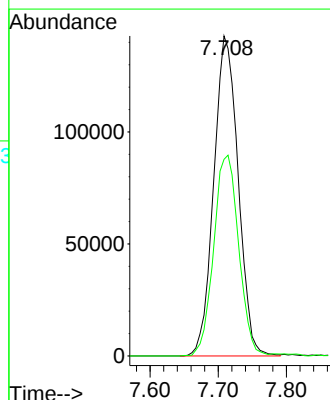
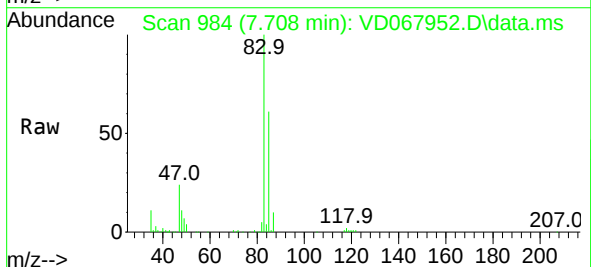
RT: 7.708 min Scan# 984

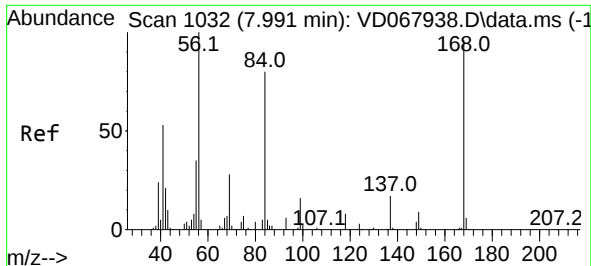
Delta R.T. -0.006 min

Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 355664 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 61.4  | 50.5  | 75.7   |





#31

Cyclohexane

Concen: 46.58 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

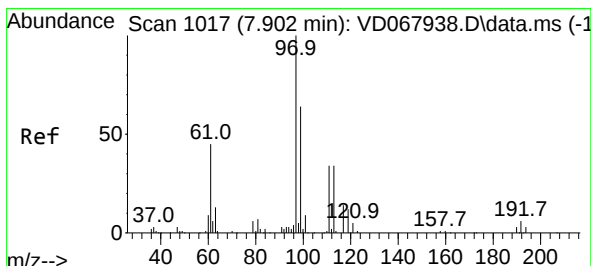
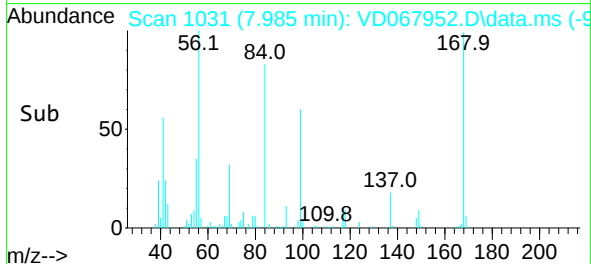
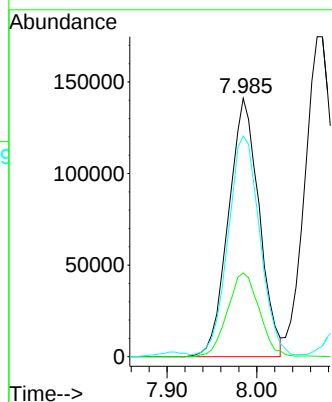
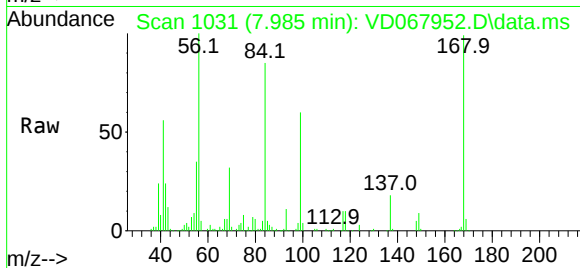
Tgt Ion: 56 Resp: 335413

Ion Ratio Lower Upper

56 100

69 32.3 22.7 34.1

84 84.1 64.2 96.4



#32

1,1,1-Trichloroethane

Concen: 49.54 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

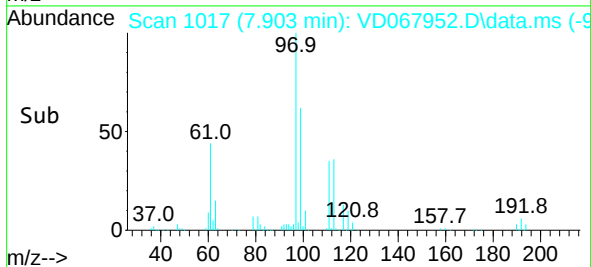
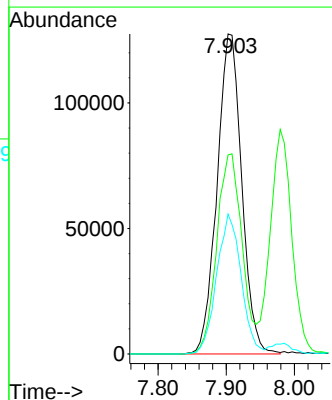
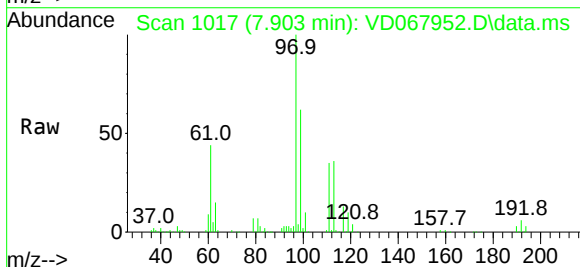
Tgt Ion: 97 Resp: 321378

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 43.3 35.8 53.8

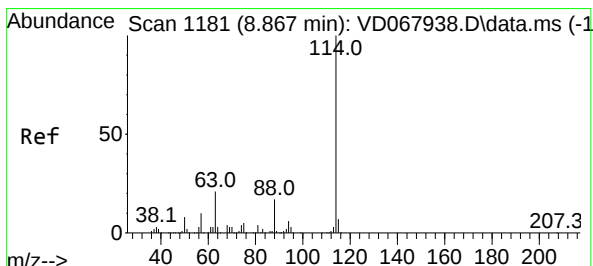
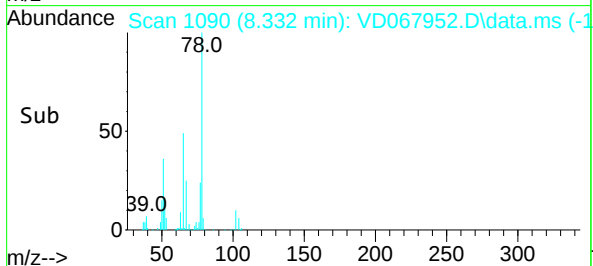
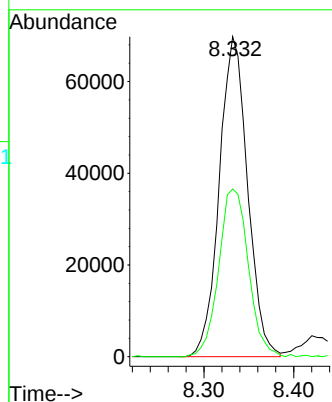
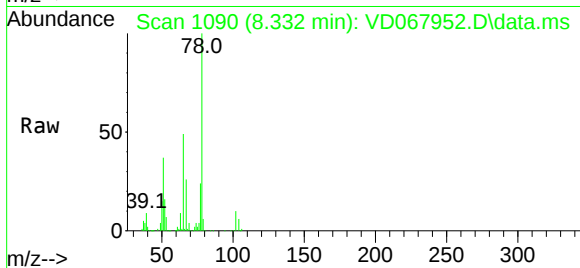




#33  
1,2-Dichloroethane-d4  
Concen: 43.32 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

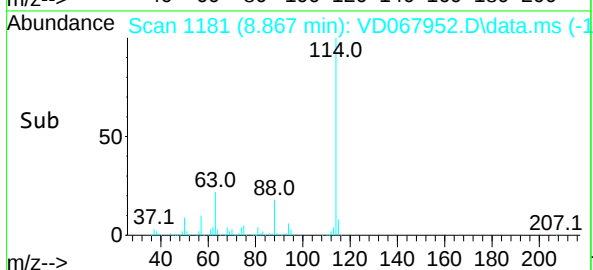
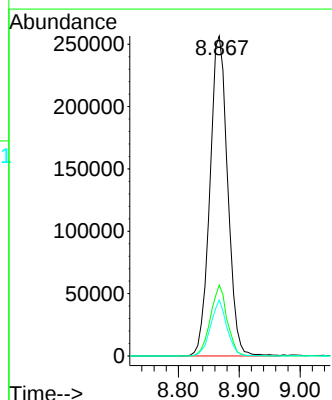
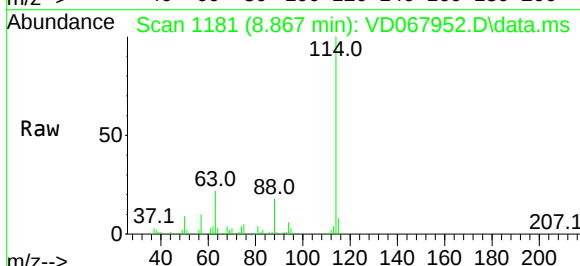
Instrument :  
MSVOA\_D  
ClientSampleId :

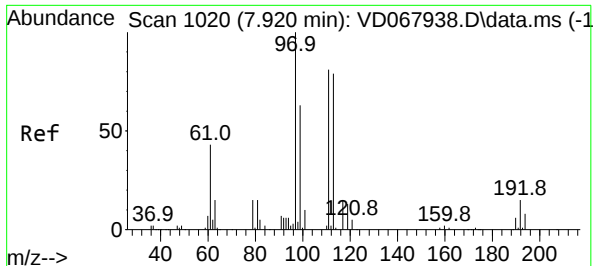
Tgt Ion: 65 Resp: 152578  
Ion Ratio Lower Upper  
65 100  
67 54.9 0.0 110.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 114 Resp: 520167  
Ion Ratio Lower Upper  
114 100  
63 22.2 0.0 41.4  
88 17.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.40 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

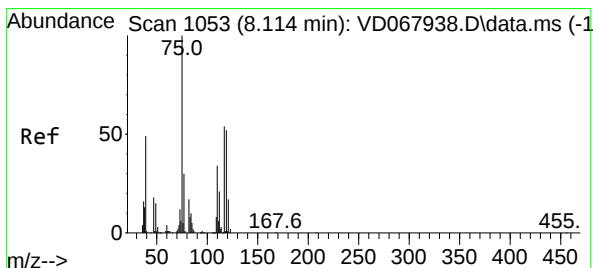
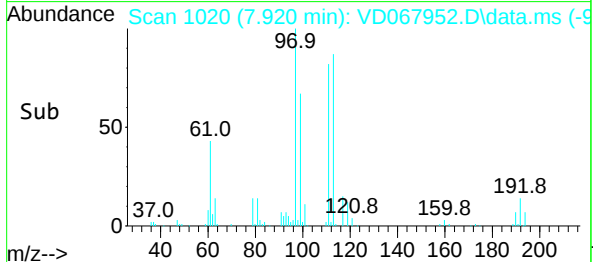
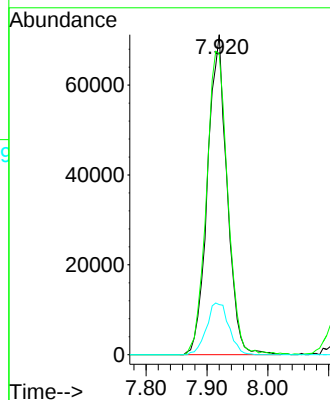
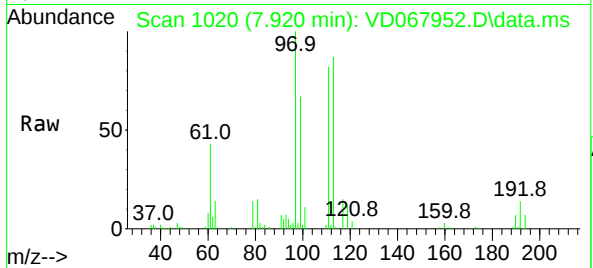
Tgt Ion:113 Resp: 158621

Ion Ratio Lower Upper

113 100

111 103.7 79.3 118.9

192 18.4 14.5 21.7



#36

1,1-Dichloropropene

Concen: 52.64 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

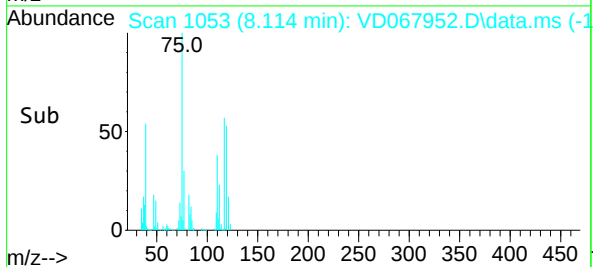
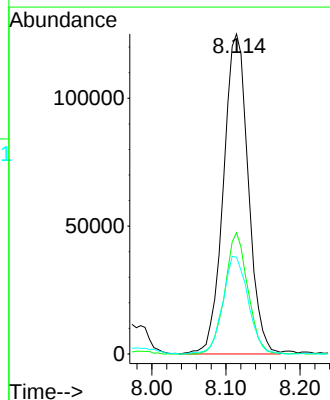
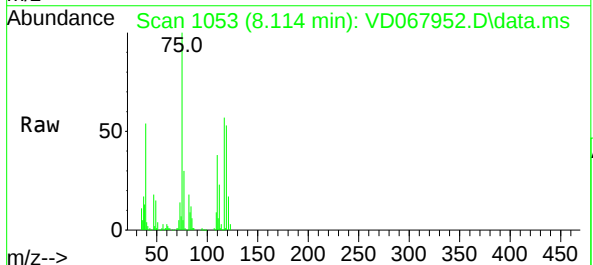
Tgt Ion: 75 Resp: 291032

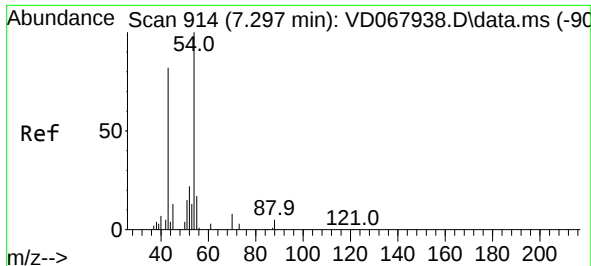
Ion Ratio Lower Upper

75 100

110 35.1 17.0 51.0

77 31.1 24.6 37.0





#37

Ethyl Acetate

Concen: 51.27 ug/l

RT: 7.291 min Scan# 913

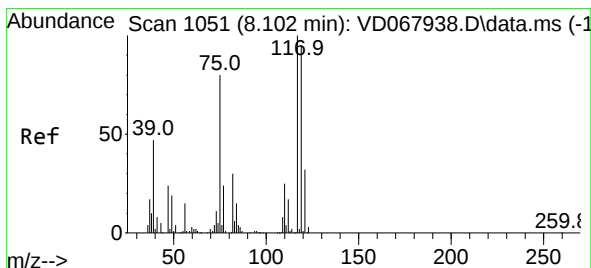
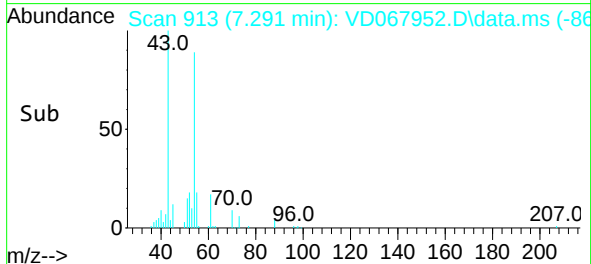
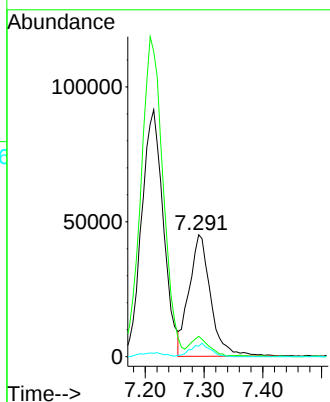
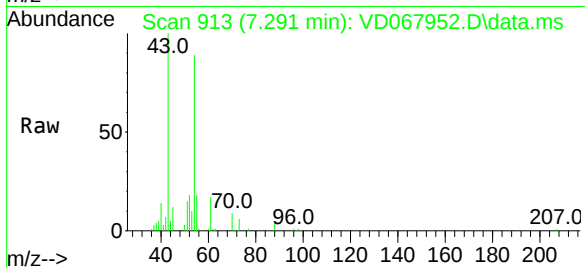
Delta R.T. -0.006 min

Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

Tgt Ion: 43 Resp: 114694

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.2  | 10.2  | 15.4  |
| 70  | 9.8   | 8.3   | 12.5  |



#38

Carbon Tetrachloride

Concen: 53.60 ug/l

RT: 8.097 min Scan# 1050

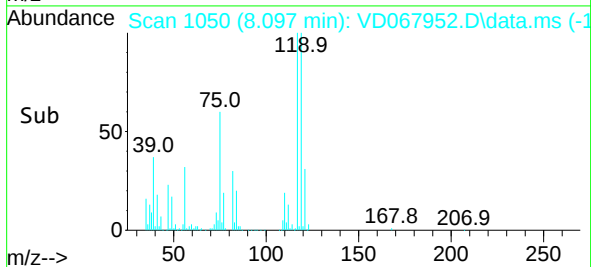
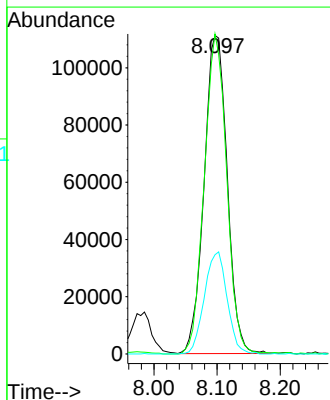
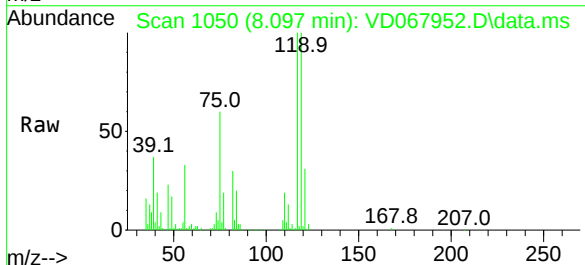
Delta R.T. -0.006 min

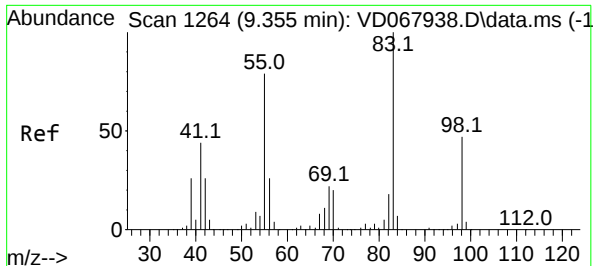
Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

Tgt Ion: 117 Resp: 283064

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 100.6 | 76.2  | 114.4 |
| 121 | 31.2  | 25.9  | 38.9  |





#39

Methylcyclohexane

Concen: 56.51 ug/l

RT: 9.355 min Scan# 1264

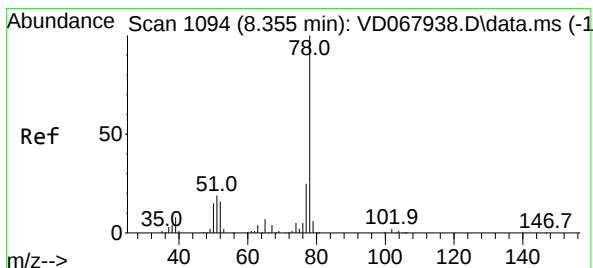
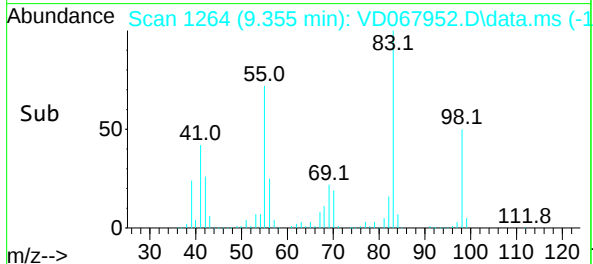
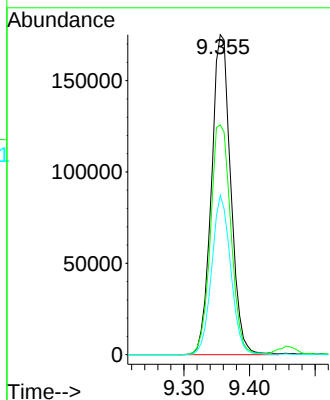
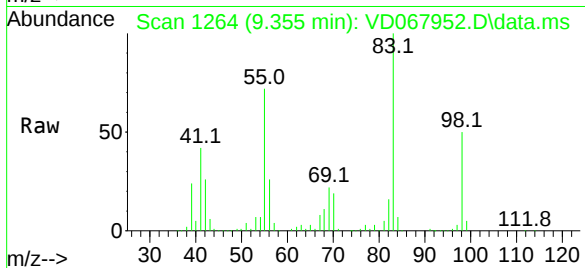
Delta R.T. 0.000 min

Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

Tgt Ion: 83 Resp: 358221

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 71.8  | 63.5  | 95.3  |
| 98  | 49.8  | 37.3  | 55.9  |



#40

Benzene

Concen: 50.29 ug/l

RT: 8.355 min Scan# 1094

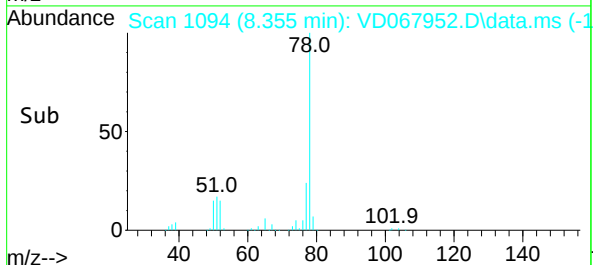
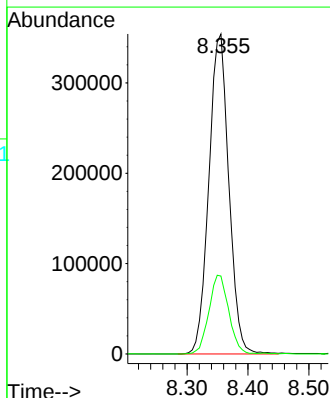
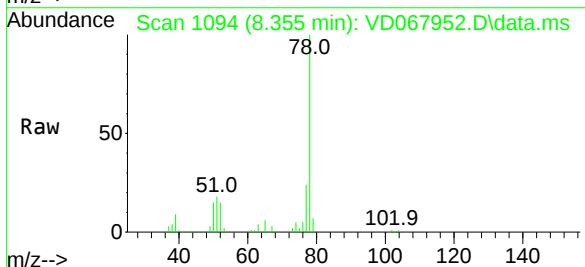
Delta R.T. 0.000 min

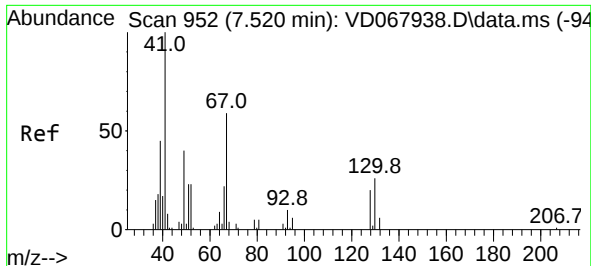
Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

Tgt Ion: 78 Resp: 806480

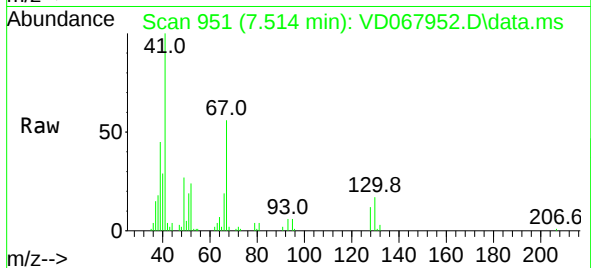
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.4  | 20.1  | 30.1  |



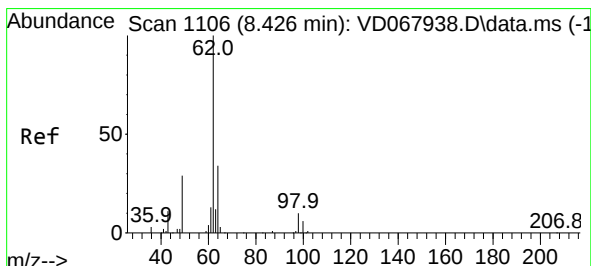
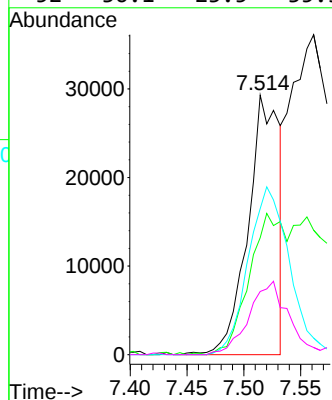
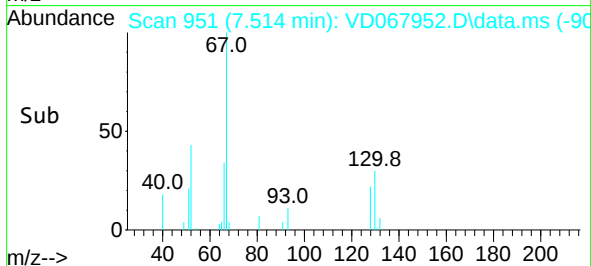


#41  
Methacrylonitrile  
Concen: 44.89 ug/l  
RT: 7.514 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

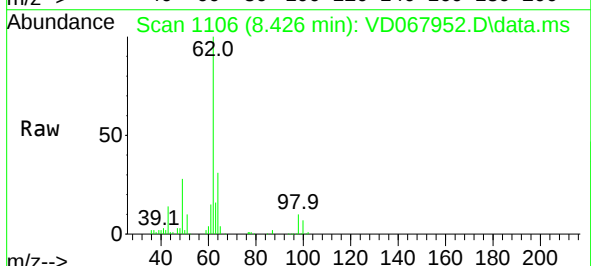
Instrument :  
MSVOA\_D  
ClientSampleId :



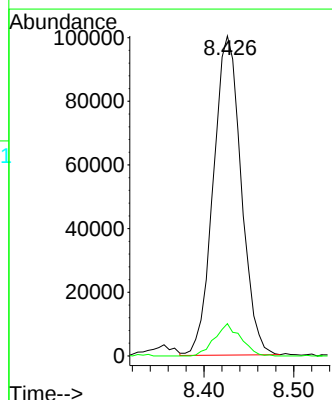
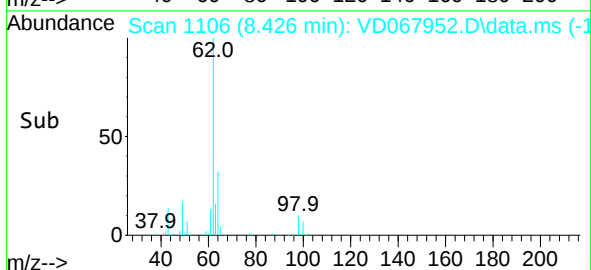
Tgt Ion: 41 Resp: 56528  
Ion Ratio Lower Upper  
41 100  
39 61.2 46.2 69.2  
67 84.3 55.1 82.7#  
52 36.1 23.5 35.3#

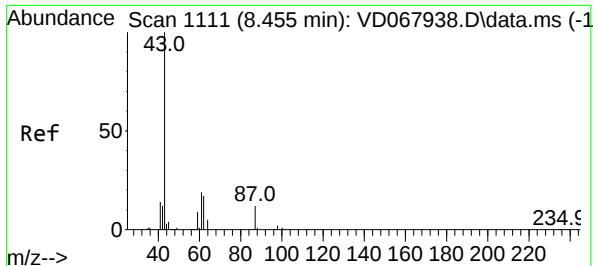


#42  
1,2-Dichloroethane  
Concen: 49.91 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36



Tgt Ion: 62 Resp: 215855  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 20.4



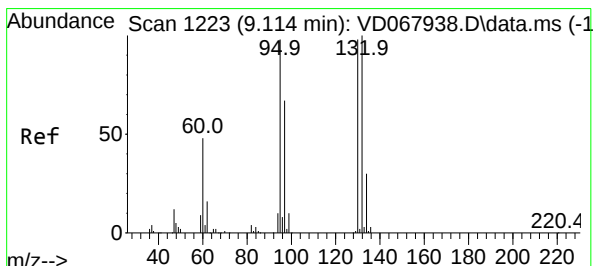
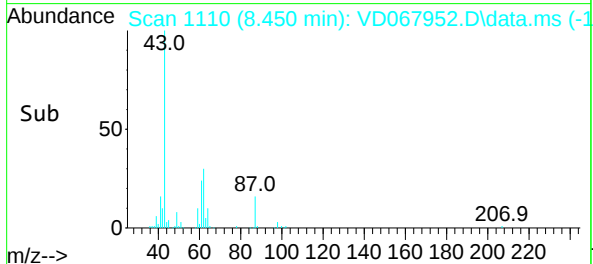
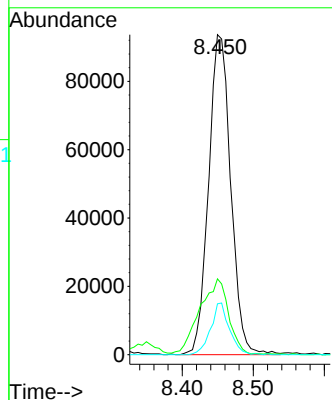
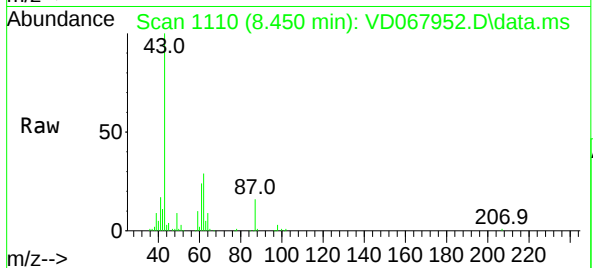


#43

Isopropyl Acetate  
Concen: 49.51 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Instrument :  
MSVOA\_D  
ClientSampleId :

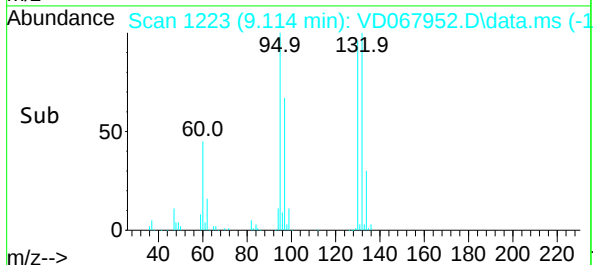
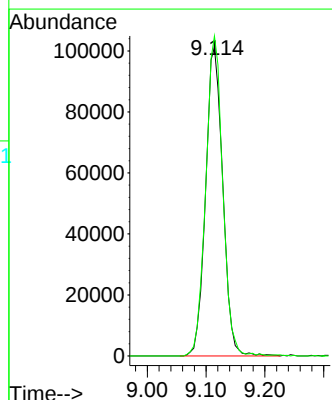
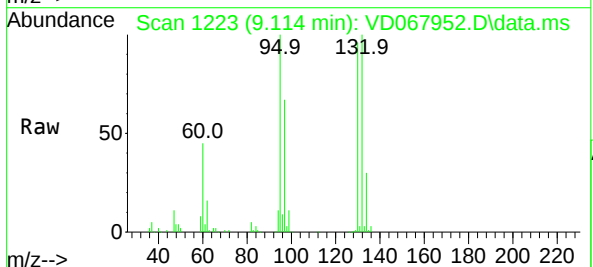
Tgt Ion: 43 Resp: 203279  
Ion Ratio Lower Upper  
43 100  
61 30.5 24.5 36.7  
87 13.7 9.8 14.8

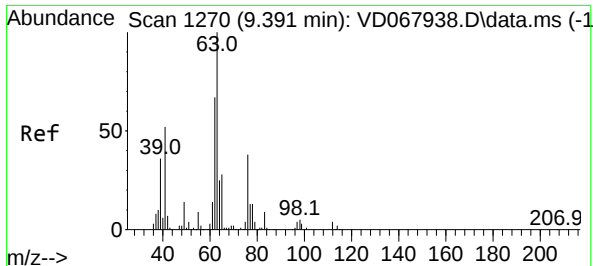


#44

Trichloroethene  
Concen: 51.24 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion:130 Resp: 206025  
Ion Ratio Lower Upper  
130 100  
95 103.7 0.0 200.8





#45

1,2-Dichloropropane

Concen: 50.35 ug/l

RT: 9.391 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VD067952.D

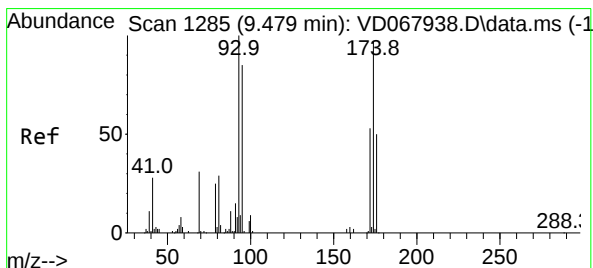
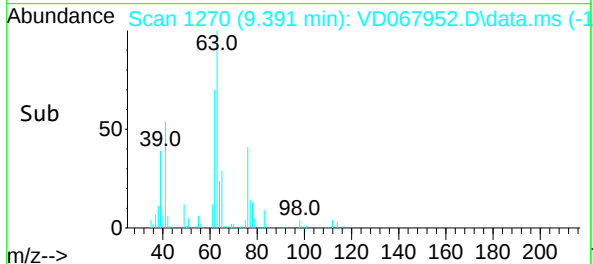
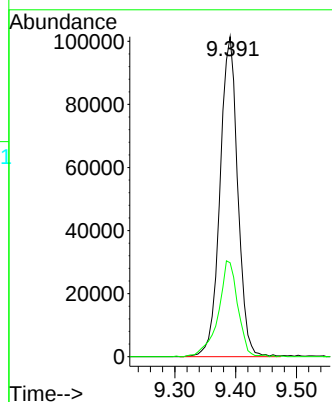
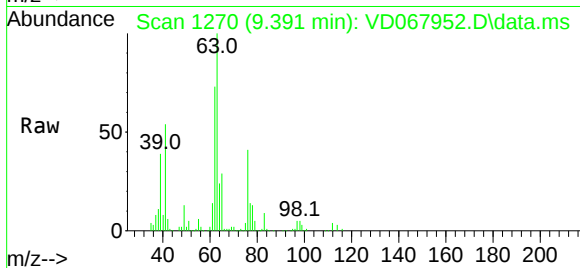
Acq: 28 Dec 2020 10:36

Tgt Ion: 63 Resp: 205595

Ion Ratio Lower Upper

63 100

65 29.4 22.7 34.1



#46

Dibromomethane

Concen: 52.69 ug/l

RT: 9.479 min Scan# 1285

Delta R.T. 0.000 min

Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

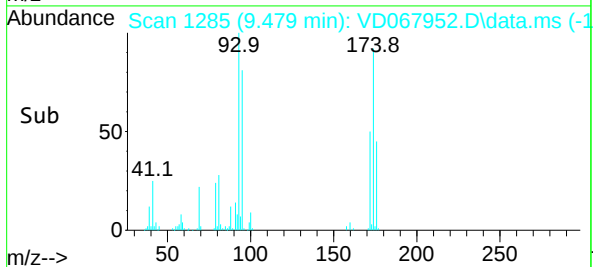
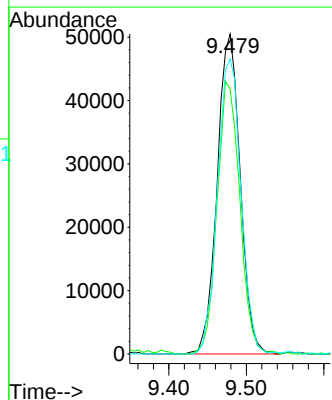
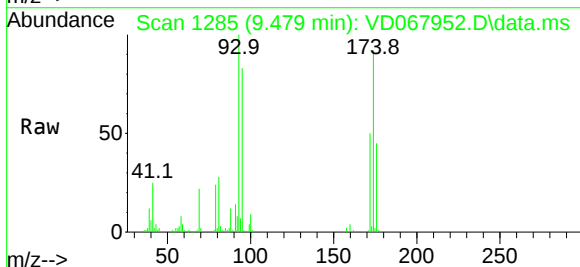
Tgt Ion: 93 Resp: 104573

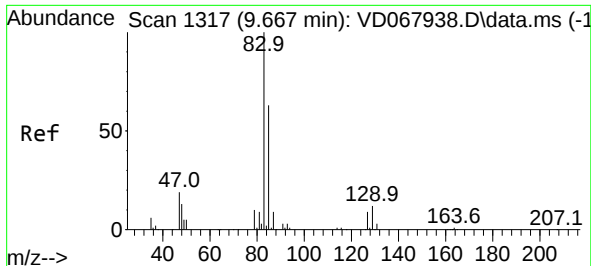
Ion Ratio Lower Upper

93 100

95 84.1 68.0 102.0

174 94.0 74.7 112.1

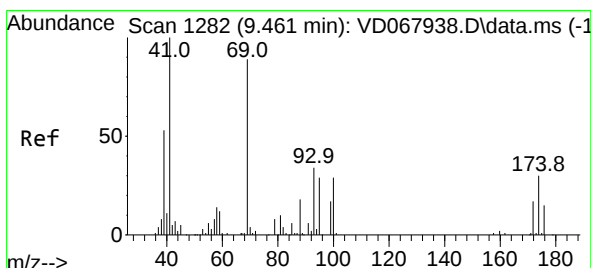
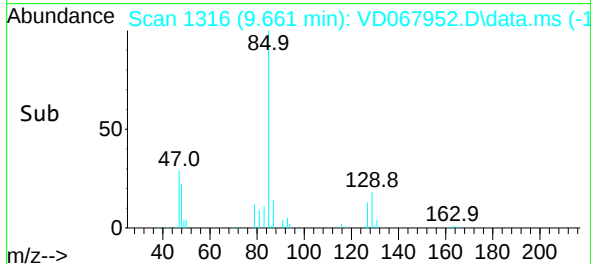
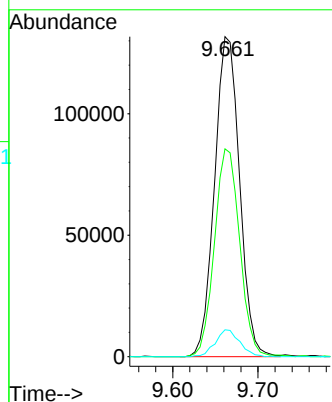
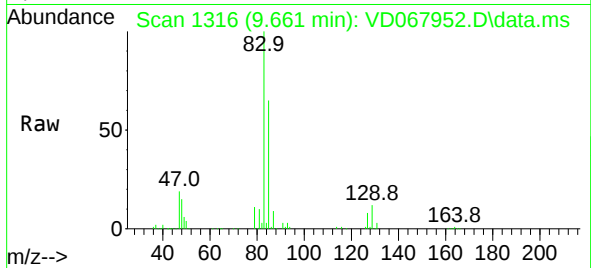




#47  
Bromodichloromethane  
Concen: 50.16 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

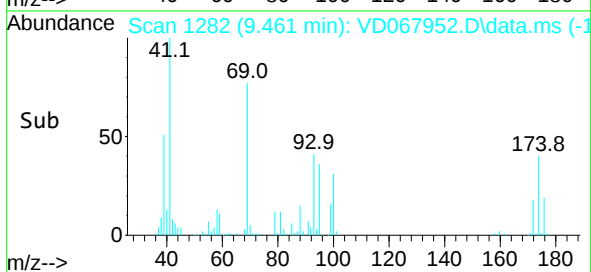
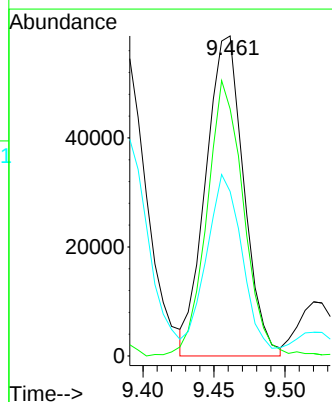
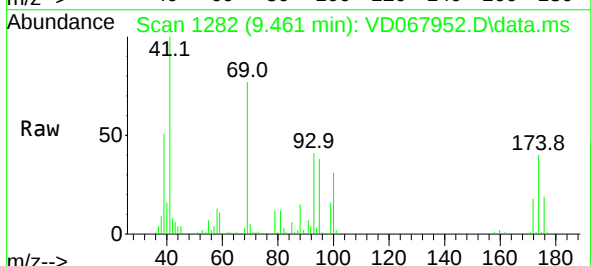
Instrument :  
MSVOA\_D  
ClientSampleId :

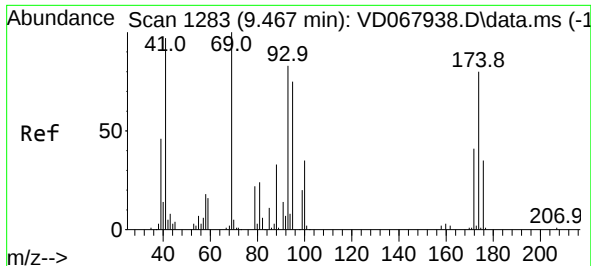
Tgt Ion: 83 Resp: 268574  
Ion Ratio Lower Upper  
83 100  
85 64.9 50.5 75.7  
127 8.4 7.2 10.8



#48  
Methyl methacrylate  
Concen: 51.59 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 41 Resp: 109472  
Ion Ratio Lower Upper  
41 100  
69 83.0 63.9 95.9  
39 48.7 37.4 56.0





#49

1,4-Dioxane

Concen: 1040.06 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD067952.D

Acq: 28 Dec 2020 10:36

Tgt Ion: 88 Resp: 22538

Ion Ratio Lower Upper

88 100

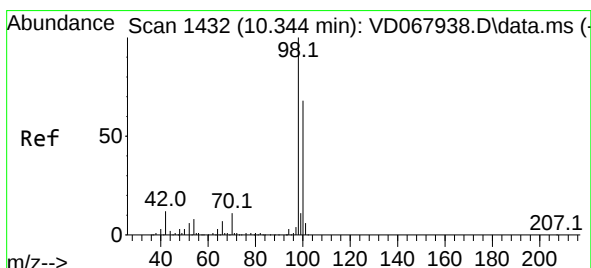
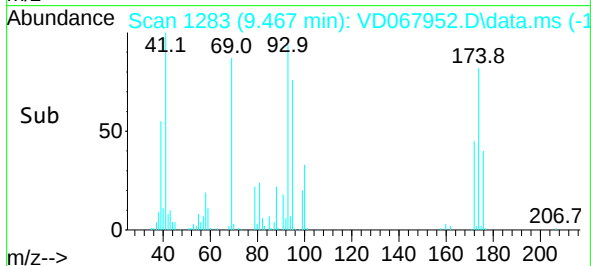
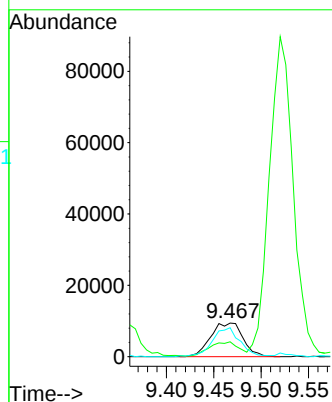
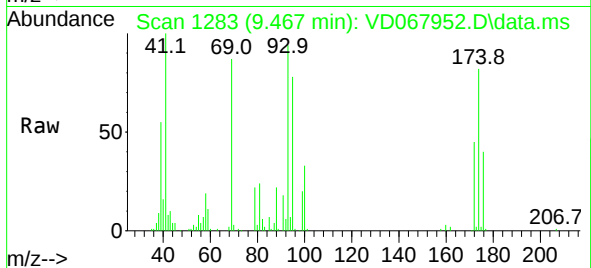
43 37.5 27.3 40.9

58 73.6 54.8 82.2

Instrument :

MSVOA\_D

ClientSampleId :



#50

Toluene-d8

Concen: 46.94 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VD067952.D

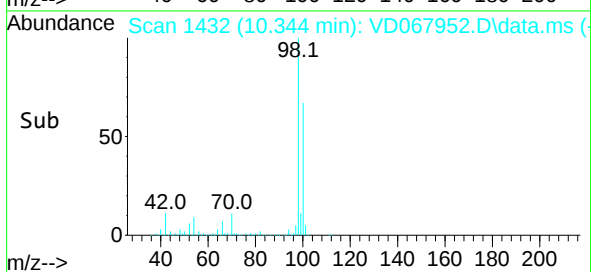
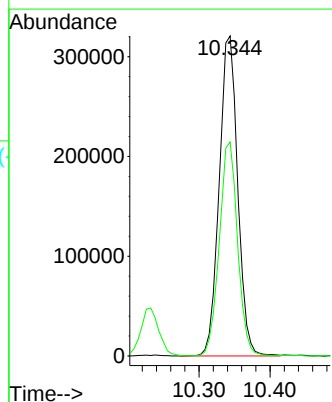
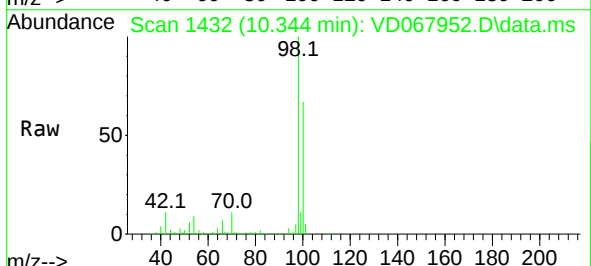
Acq: 28 Dec 2020 10:36

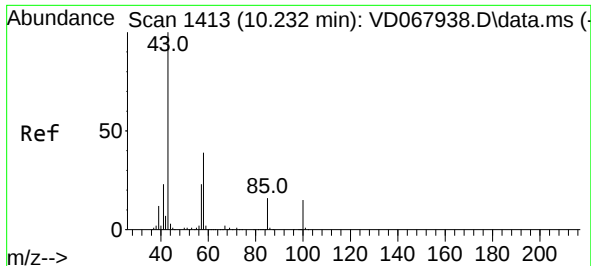
Tgt Ion: 98 Resp: 578297

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7

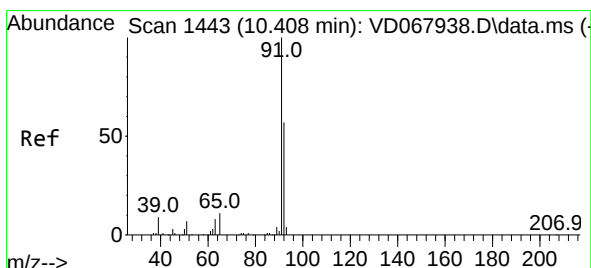
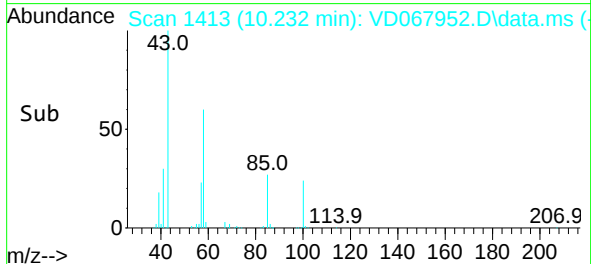
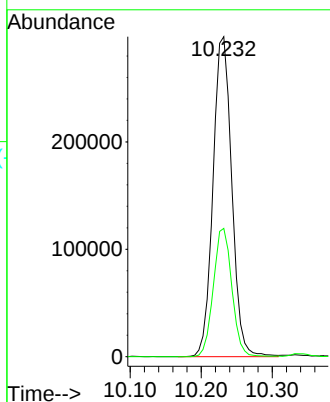
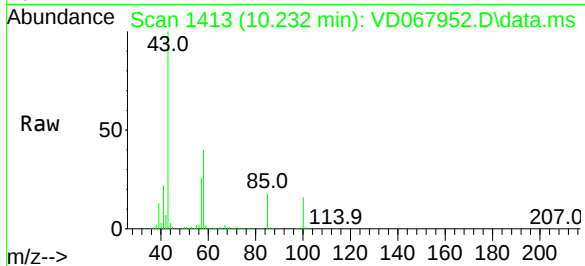




#51  
4-Methyl-2-Pentanone  
Concen: 257.02 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

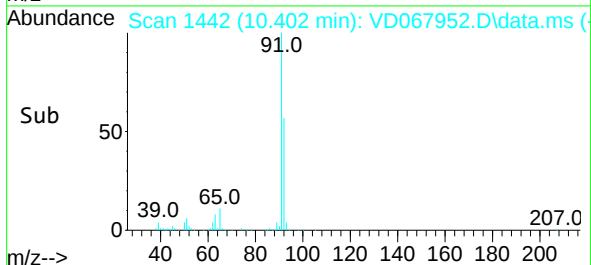
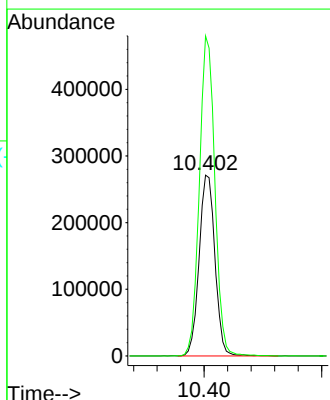
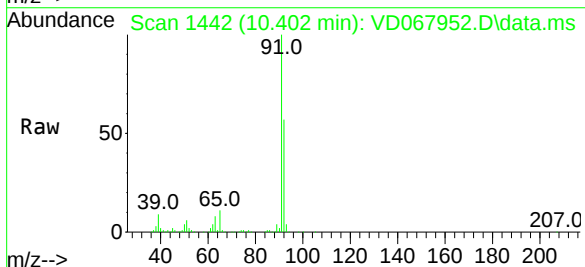
Instrument :  
MSVOA\_D  
ClientSampleId :

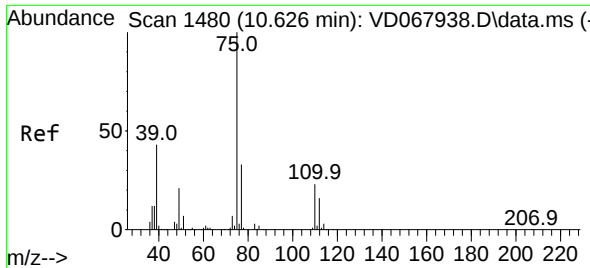
Tgt Ion: 43 Resp: 546497  
Ion Ratio Lower Upper  
43 100  
58 39.5 30.0 45.0



#52  
Toluene  
Concen: 51.21 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 92 Resp: 506997  
Ion Ratio Lower Upper  
92 100  
91 173.1 138.5 207.7

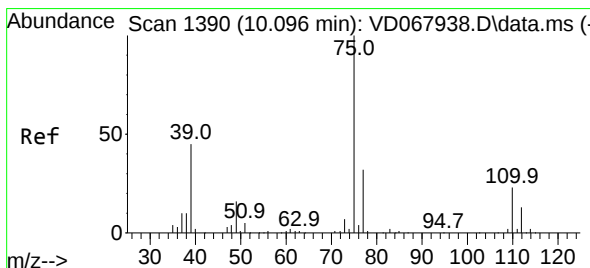
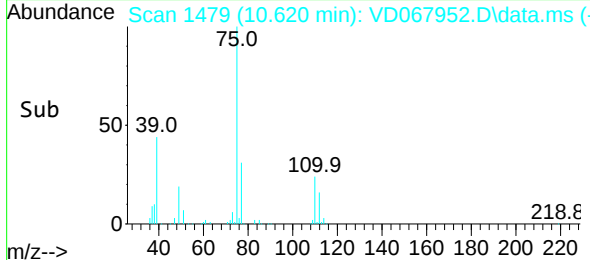
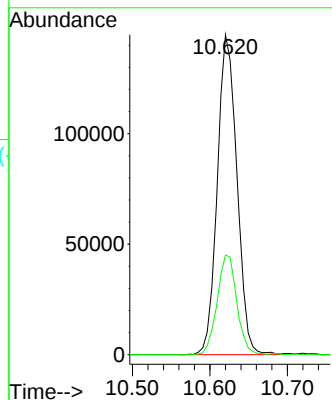
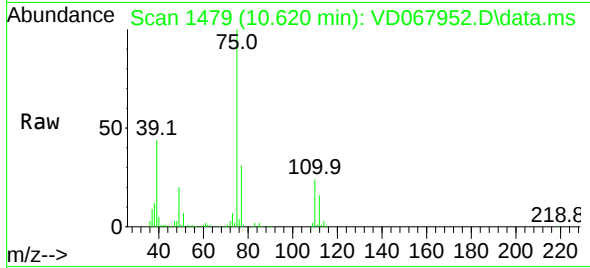




#53  
t-1,3-Dichloropropene  
Concen: 52.67 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

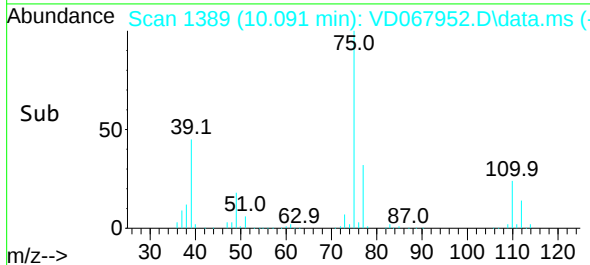
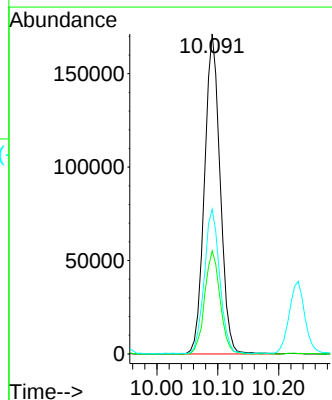
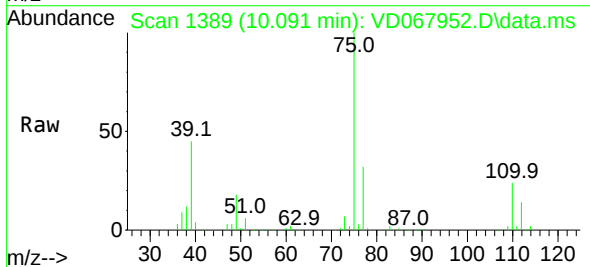
Instrument :  
MSVOA\_D  
ClientSampleId :

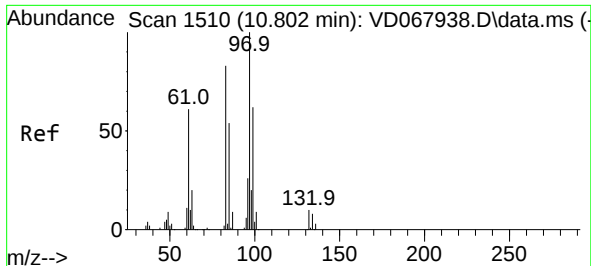
Tgt Ion: 75 Resp: 255064  
Ion Ratio Lower Upper  
75 100  
77 31.2 26.8 40.2



#54  
cis-1,3-Dichloropropene  
Concen: 51.11 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 75 Resp: 306258  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.3 37.9  
39 45.0 35.7 53.5

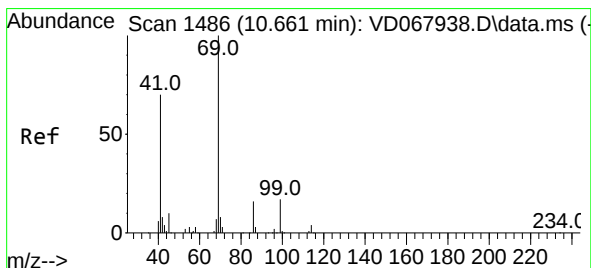
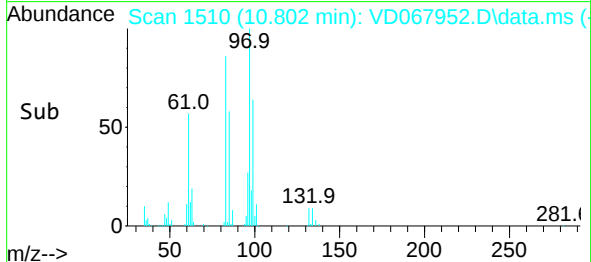
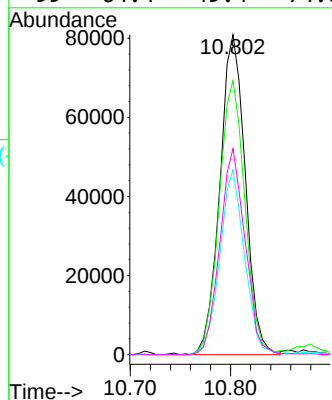
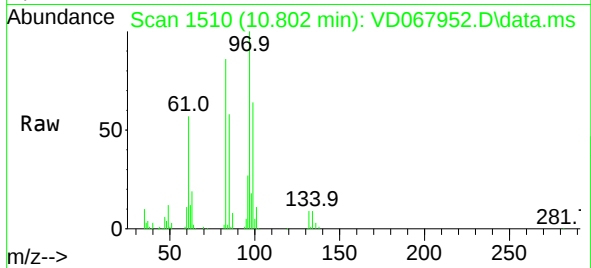




#55  
1,1,2-Trichloroethane  
Concen: 51.30 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

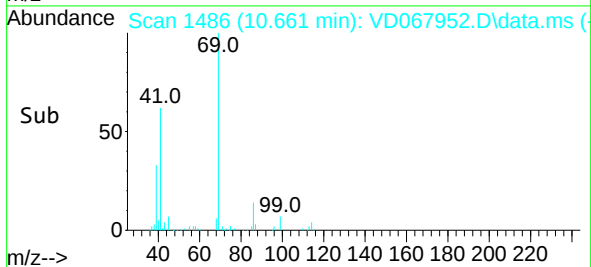
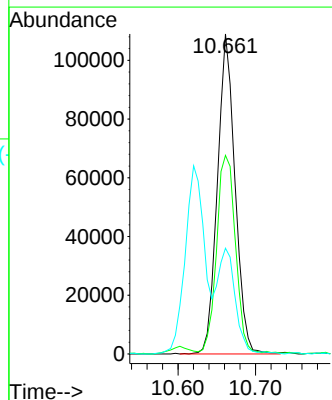
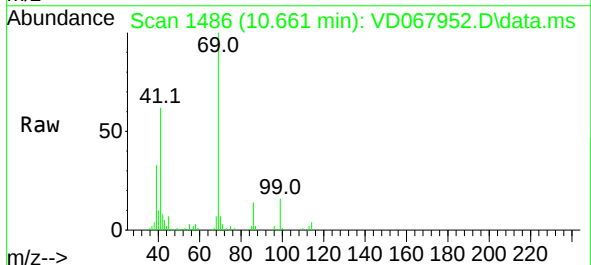
Instrument :  
MSVOA\_D  
ClientSampleId :

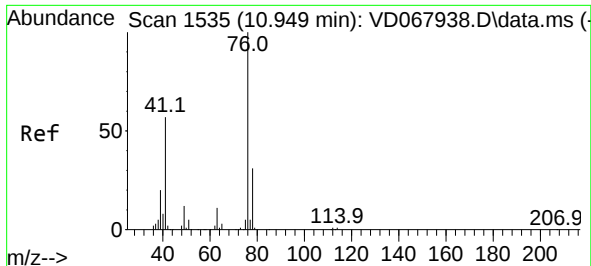
|             |              |
|-------------|--------------|
| Tgt Ion: 97 | Resp: 142287 |
| Ion Ratio   | Lower Upper  |
| 97 100      |              |
| 83 85.7     | 66.4 99.6    |
| 85 57.7     | 43.4 65.0    |
| 99 64.4     | 49.4 74.0    |



#56  
Ethyl methacrylate  
Concen: 55.31 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 172363 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 65.7     | 56.4 84.6    |
| 39 33.7     | 24.6 36.8    |

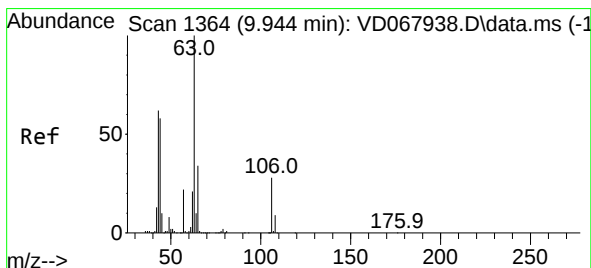
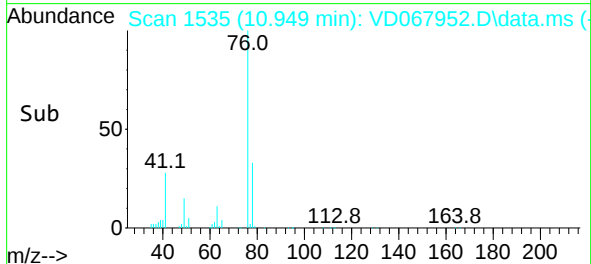
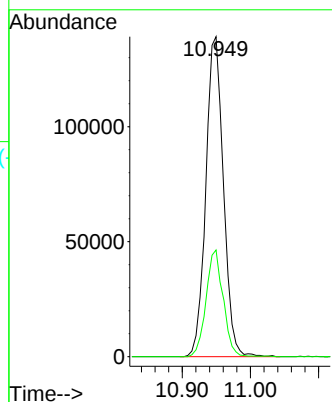
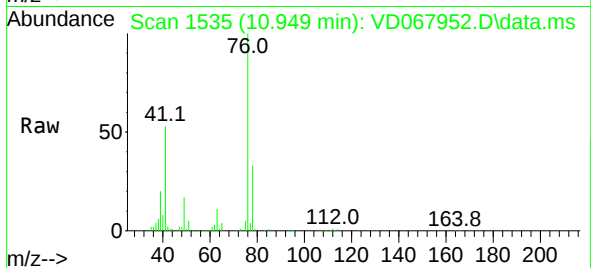




#57  
1,3-Dichloropropane  
Concen: 51.18 ug/l  
RT: 10.949 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

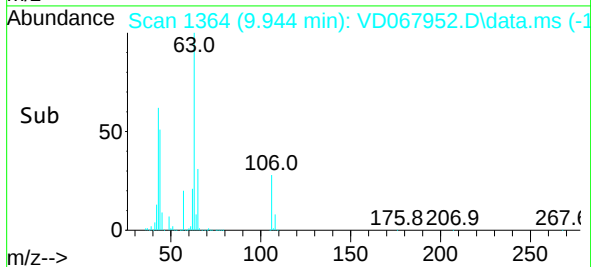
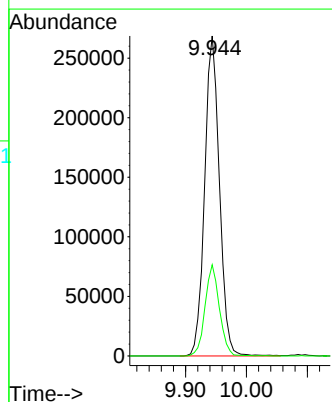
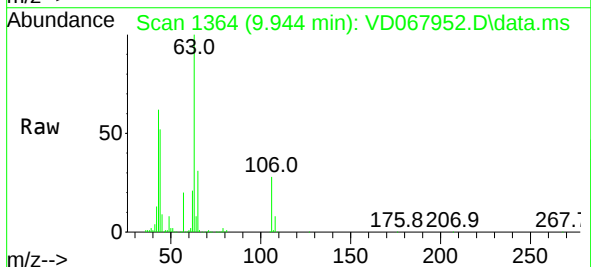
Instrument :  
MSVOA\_D  
ClientSampleId :

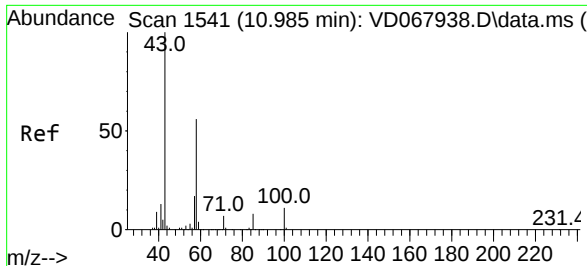
Tgt Ion: 76 Resp: 249649  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.2 37.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 289.11 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 63 Resp: 453406  
Ion Ratio Lower Upper  
63 100  
106 27.6 21.6 32.4

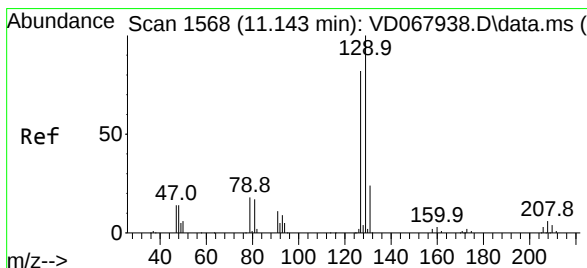
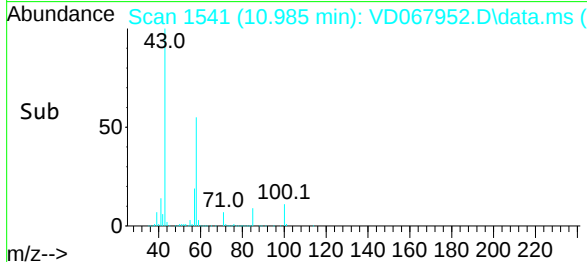
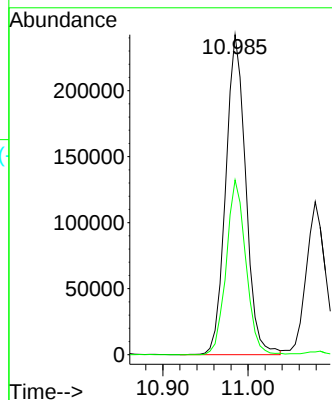
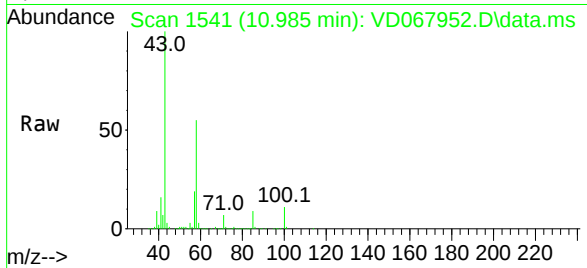




#59  
2-Hexanone  
Concen: 282.67 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

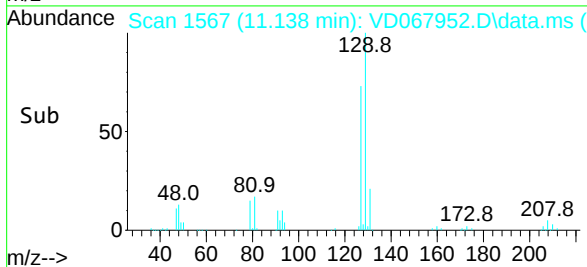
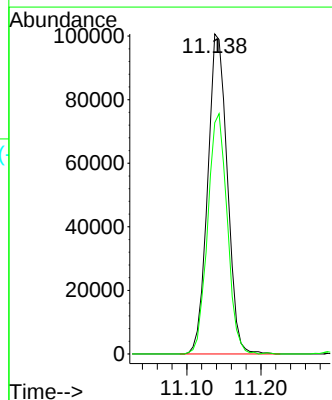
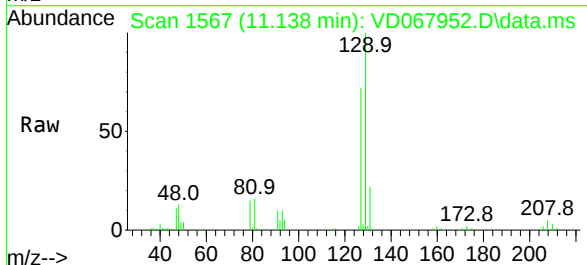
Instrument :  
MSVOA\_D  
ClientSampleId :

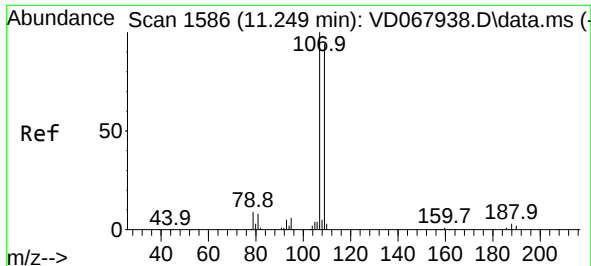
Tgt Ion: 43 Resp: 394982  
Ion Ratio Lower Upper  
43 100  
58 53.6 27.5 82.4



#60  
Dibromochloromethane  
Concen: 53.84 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion:129 Resp: 184990  
Ion Ratio Lower Upper  
129 100  
127 74.7 38.8 116.4

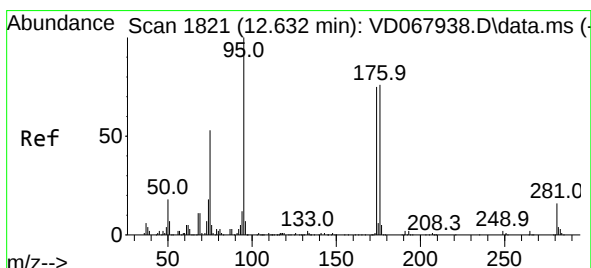
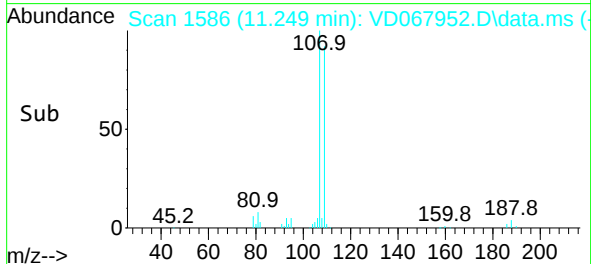
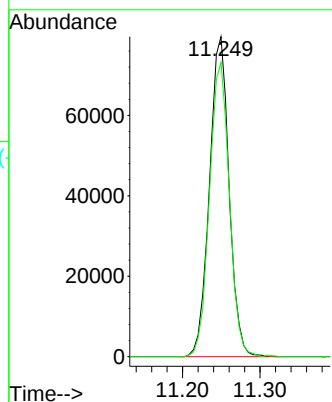
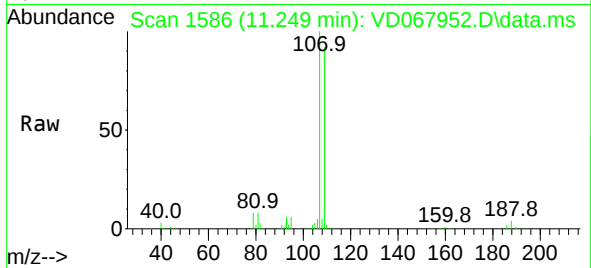




#61  
1,2-Dibromoethane  
Concen: 52.51 ug/l  
RT: 11.249 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

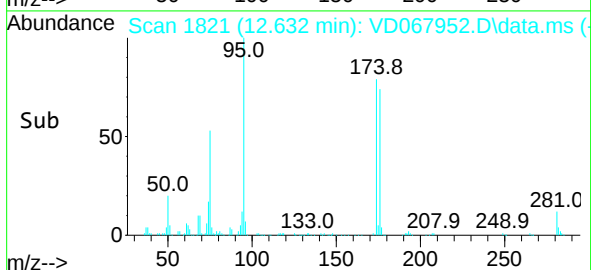
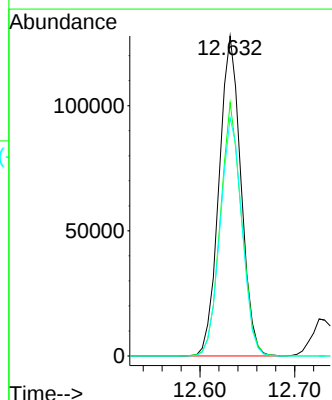
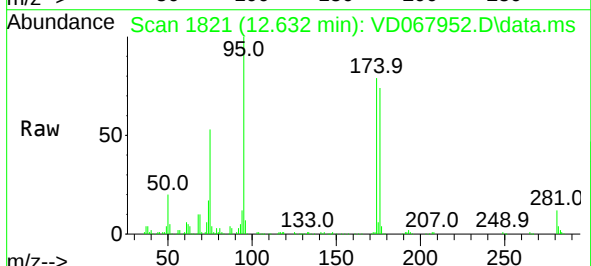
Instrument :  
MSVOA\_D  
ClientSampleId :

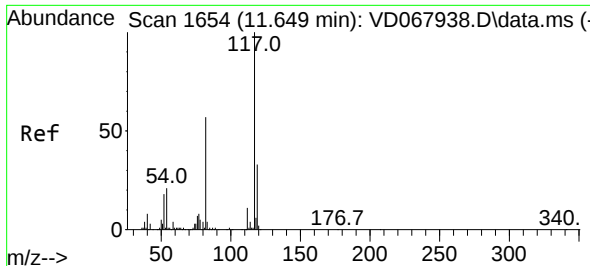
Tgt Ion:107 Resp: 139721  
Ion Ratio Lower Upper  
107 100  
109 93.1 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 48.71 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 95 Resp: 205248  
Ion Ratio Lower Upper  
95 100  
174 76.7 0.0 150.6  
176 74.1 0.0 151.2

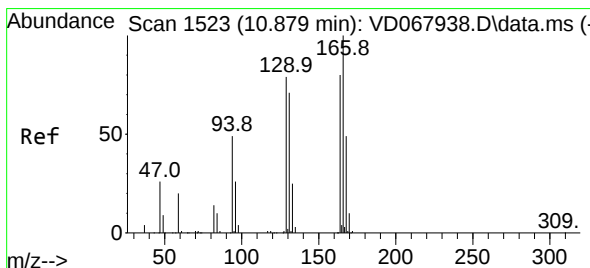
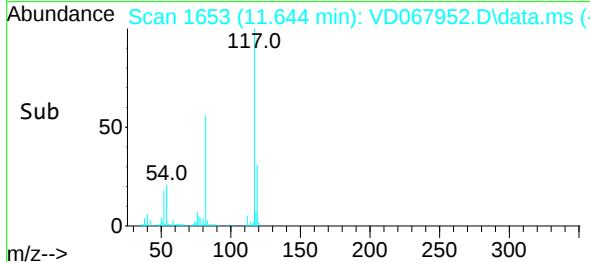
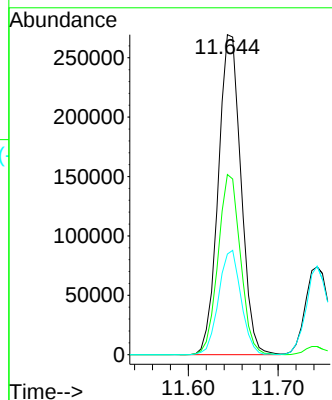
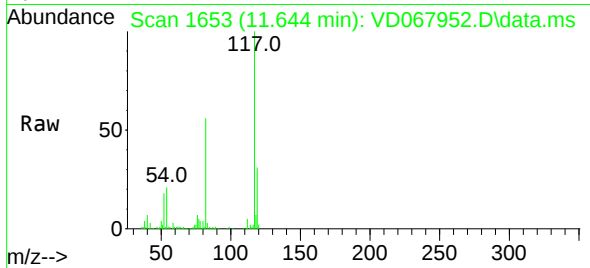




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

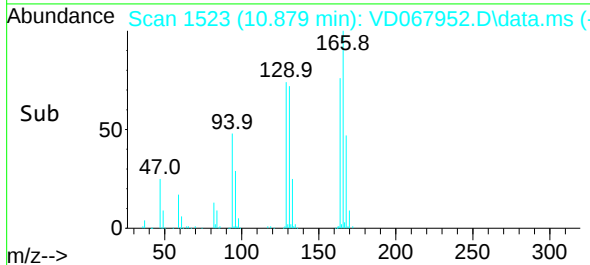
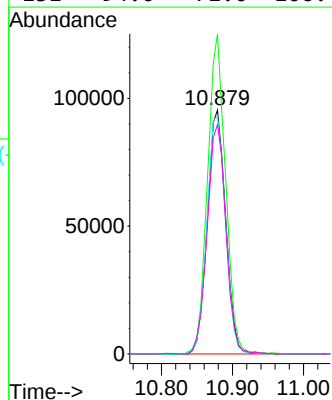
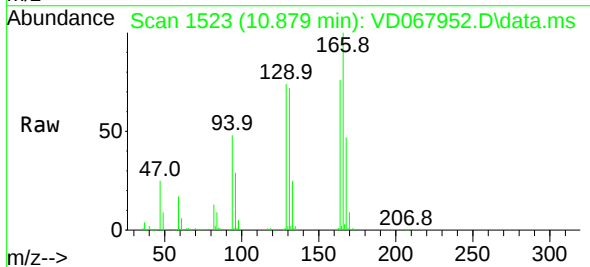
Instrument :  
MSVOA\_D  
ClientSampleId :

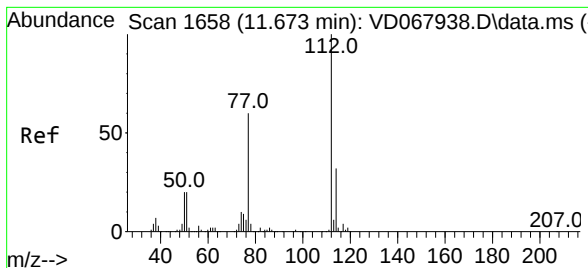
Tgt Ion:117 Resp: 473616  
Ion Ratio Lower Upper  
117 100  
82 56.3 45.4 68.0  
119 31.4 26.7 40.1



#64  
Tetrachloroethene  
Concen: 51.77 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion:164 Resp: 172023  
Ion Ratio Lower Upper  
164 100  
166 131.2 99.4 149.2  
129 97.5 79.0 118.4  
131 94.0 71.0 106.4

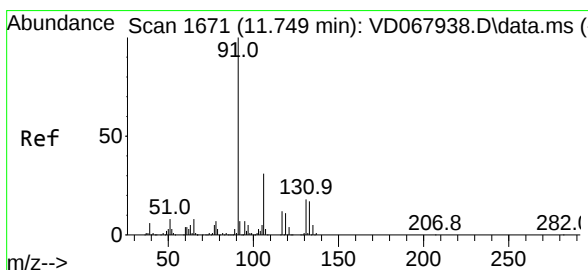
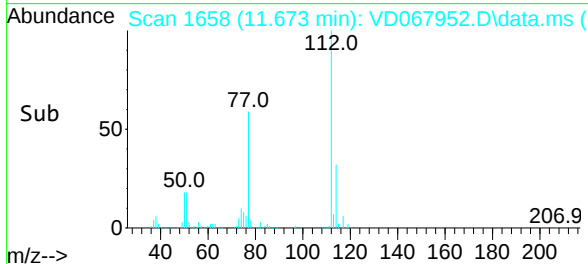
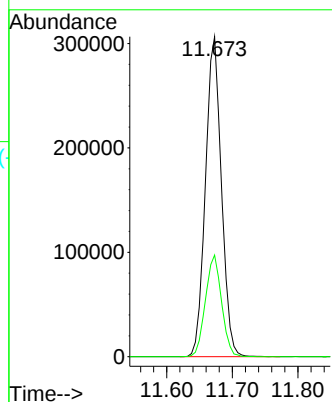
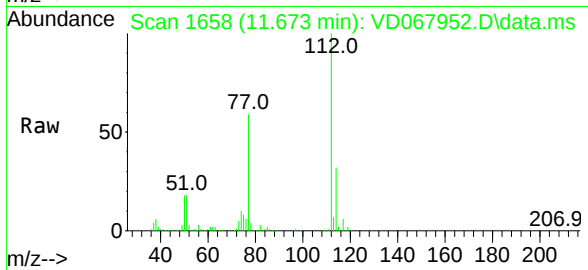




#65  
Chlorobenzene  
Concen: 50.80 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

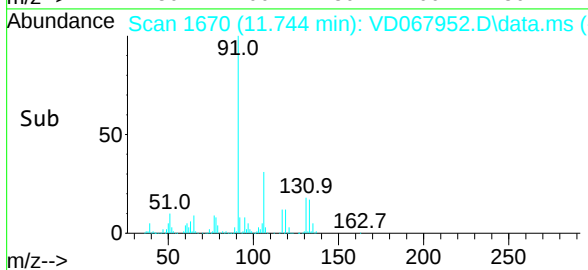
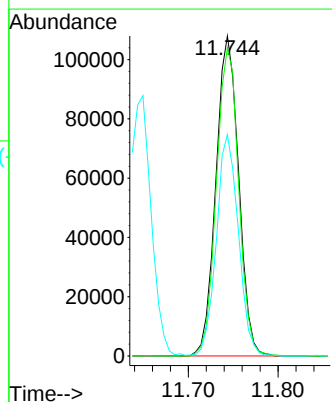
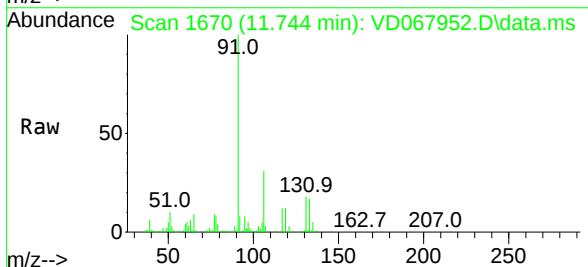
Instrument :  
MSVOA\_D  
ClientSampleId :

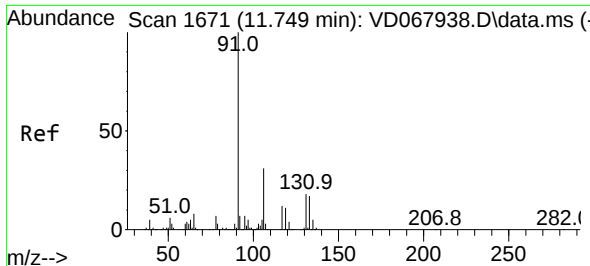
Tgt Ion:112 Resp: 518975  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.98 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion:131 Resp: 189566  
Ion Ratio Lower Upper  
131 100  
133 94.4 48.4 145.0  
119 67.1 33.4 100.2

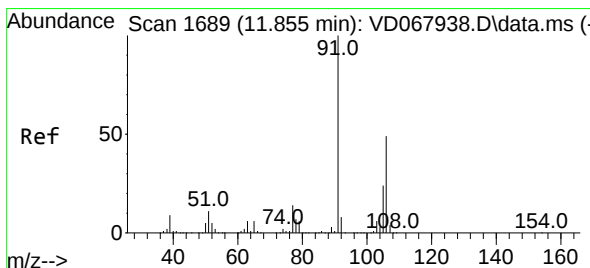
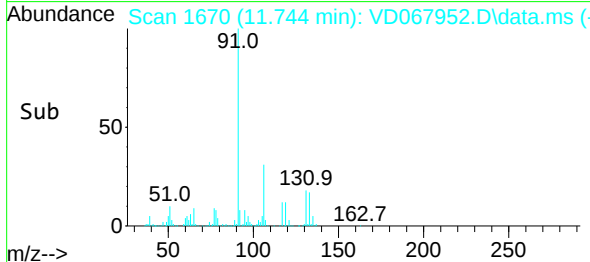
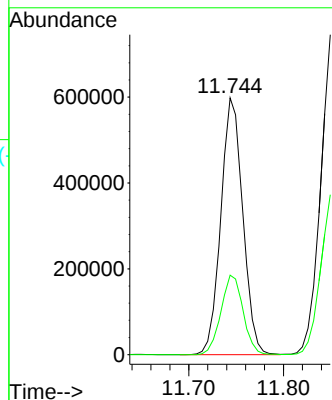
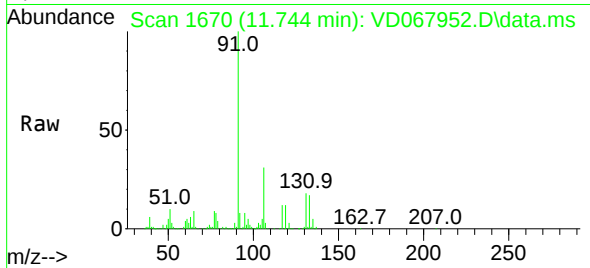




#67  
Ethyl Benzene  
Concen: 52.91 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

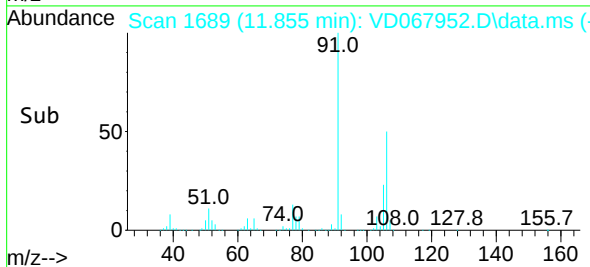
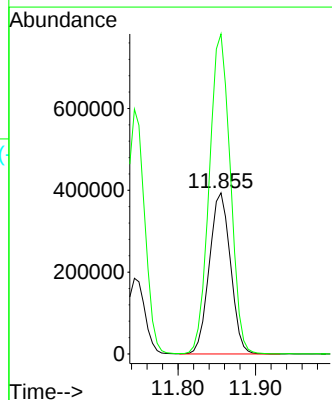
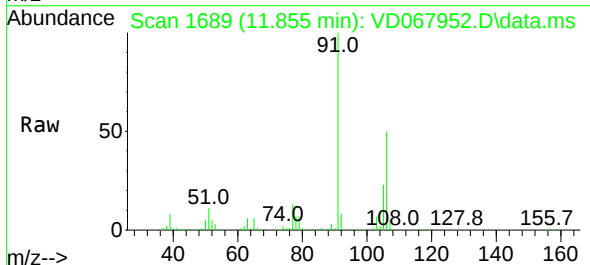
Instrument :  
MSVOA\_D  
ClientSampleId :

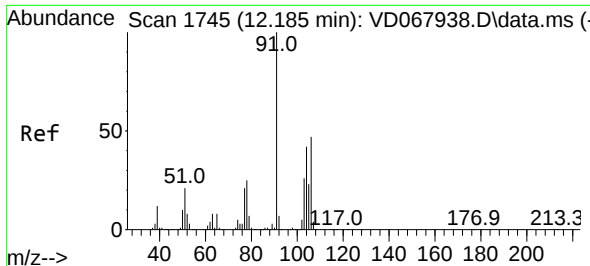
Tgt Ion: 91 Resp: 964044  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.6 37.0



#68  
m/p-Xylenes  
Concen: 107.50 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion:106 Resp: 746489  
Ion Ratio Lower Upper  
106 100  
91 197.5 159.9 239.9

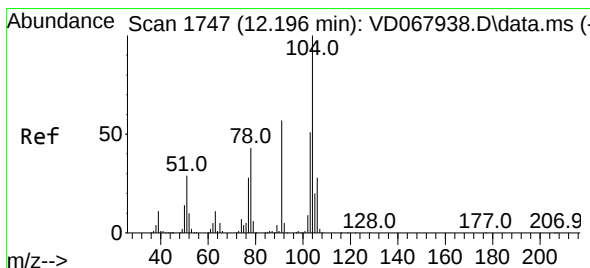
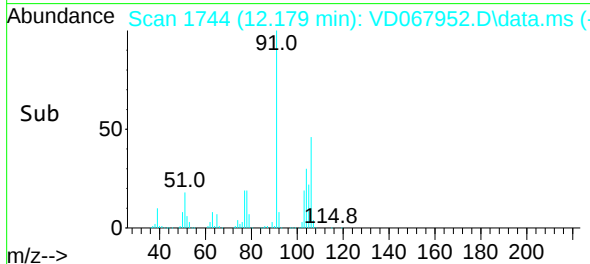
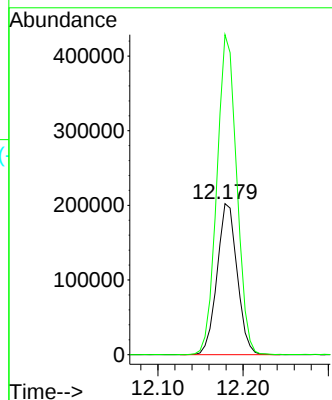
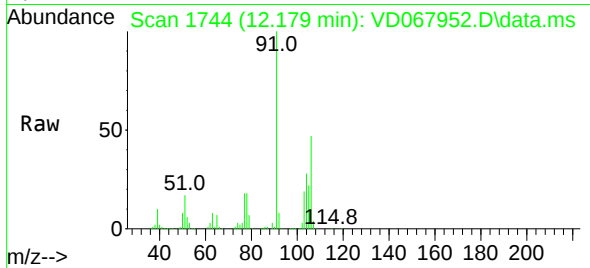




#69  
o-Xylene  
Concen: 53.28 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

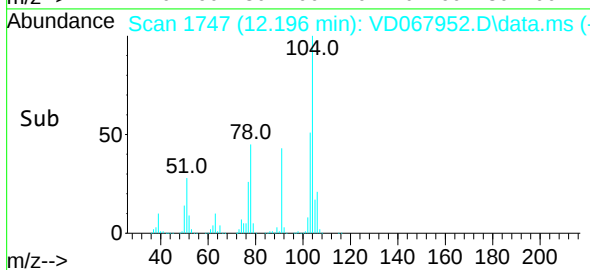
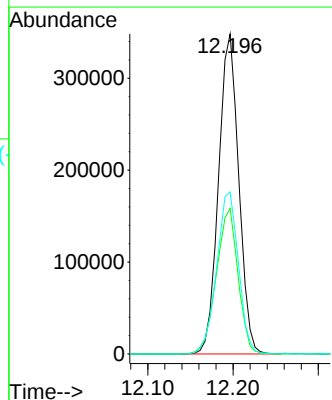
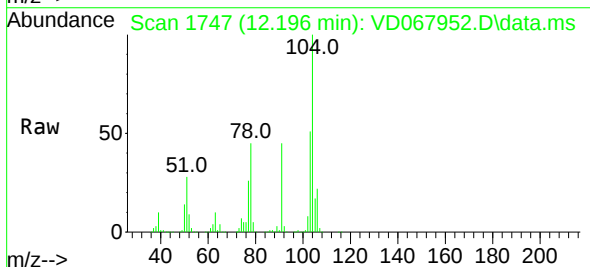
Instrument :  
MSVOA\_D  
ClientSampleId :

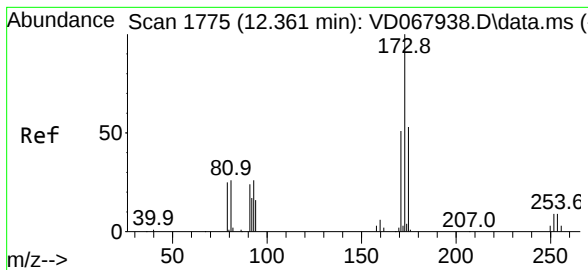
Tgt Ion:106 Resp: 331029  
Ion Ratio Lower Upper  
106 100  
91 209.8 106.0 317.9



#70  
Styrene  
Concen: 53.40 ug/l  
RT: 12.196 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion:104 Resp: 573359  
Ion Ratio Lower Upper  
104 100  
78 48.9 38.6 58.0  
103 54.5 44.2 66.4

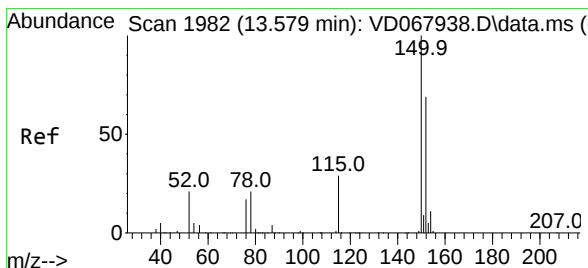
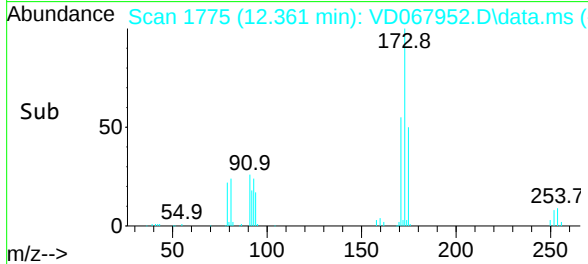
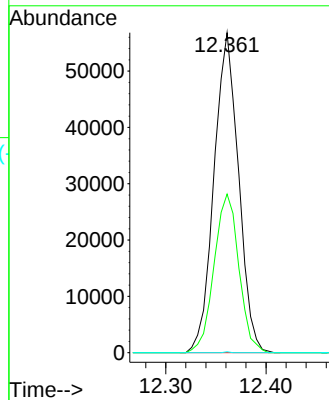
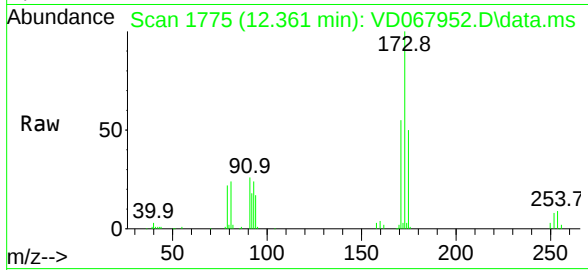




#71  
Bromoform  
Concen: 52.41 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

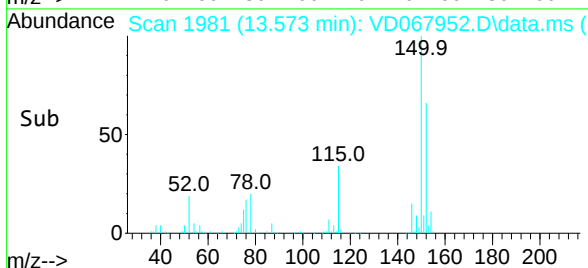
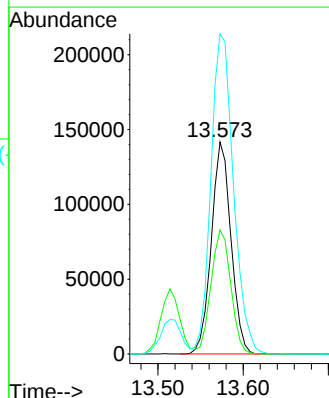
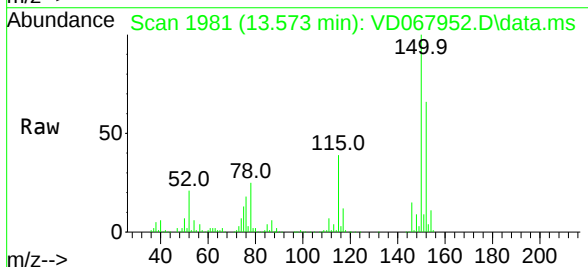
Instrument :  
MSVOA\_D  
ClientSampleId :

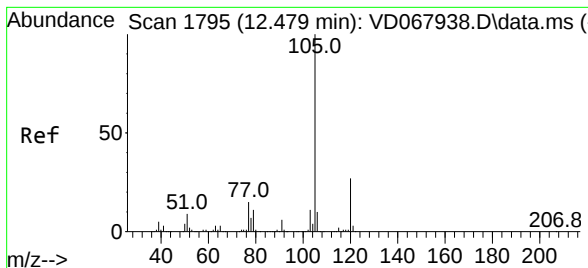
Tgt Ion:173 Resp: 96612  
Ion Ratio Lower Upper  
173 100  
175 50.0 24.6 73.8  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion:152 Resp: 226877  
Ion Ratio Lower Upper  
152 100  
115 58.8 29.3 88.0  
150 173.6 0.0 340.0

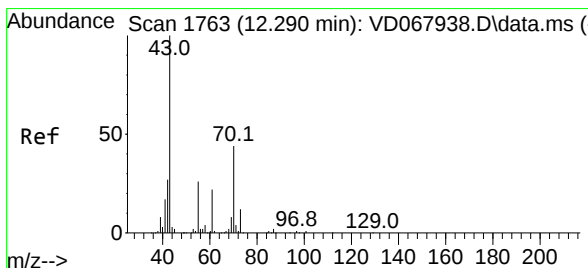
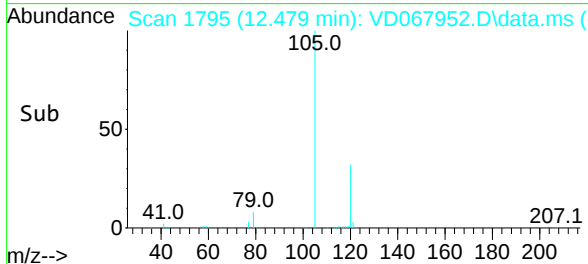
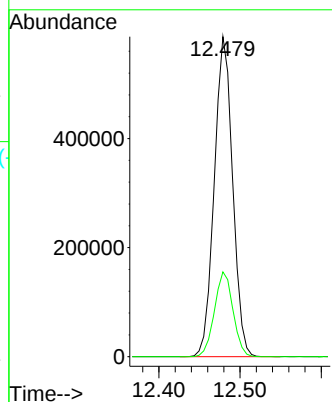
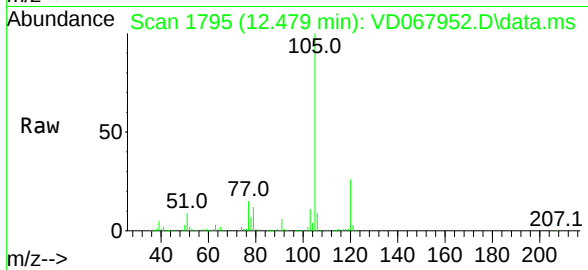




#73  
Isopropylbenzene  
Concen: 54.72 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

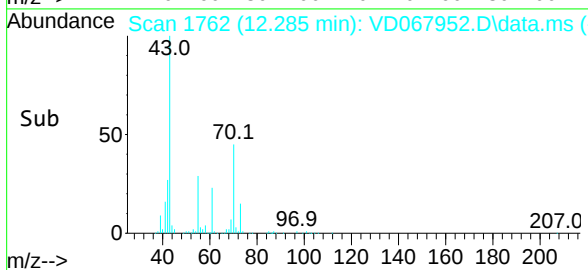
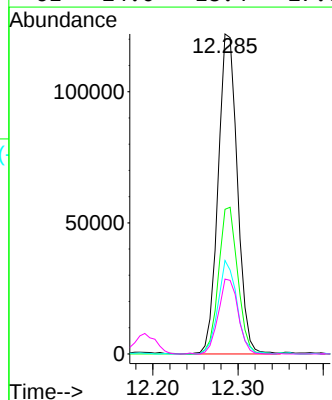
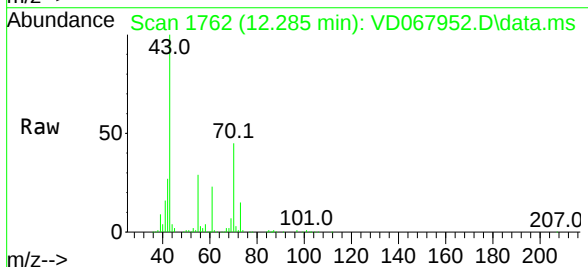
Instrument :  
MSVOA\_D  
ClientSampleId :

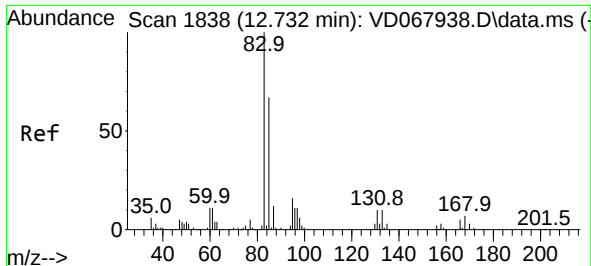
Tgt Ion:105 Resp: 921545  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.4 40.1



#74  
N-ethyl acetate  
Concen: 50.13 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 43 Resp: 191648  
Ion Ratio Lower Upper  
43 100  
70 45.6 34.3 51.5  
55 28.6 21.2 31.8  
61 24.0 18.4 27.6

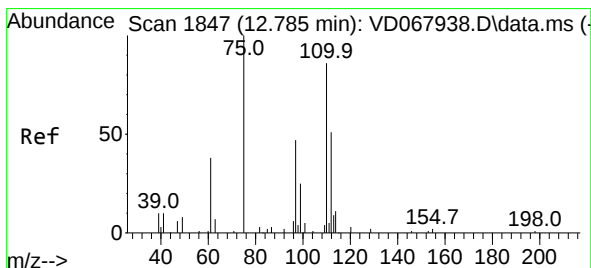
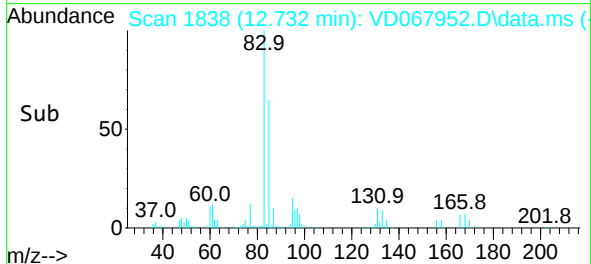
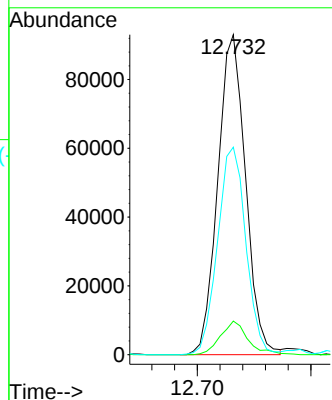
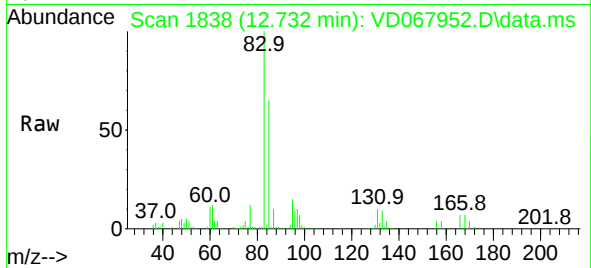




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.52 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

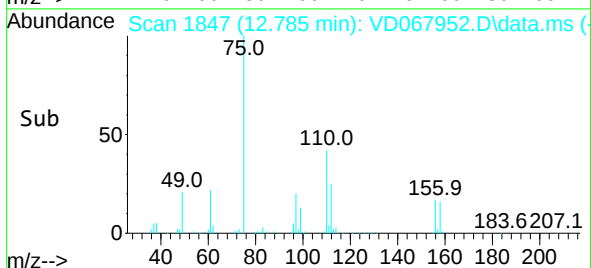
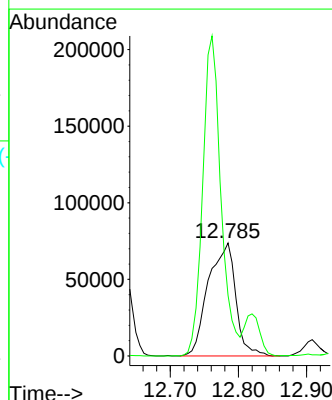
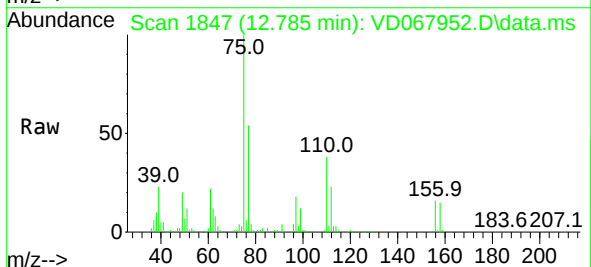
Instrument :  
MSVOA\_D  
ClientSampleId :

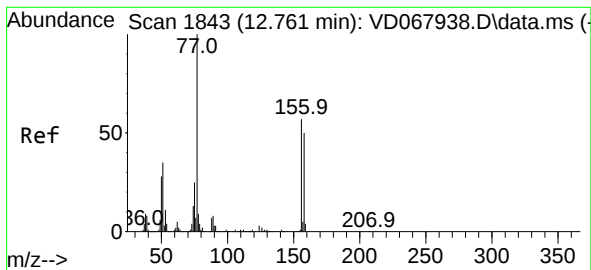
Tgt Ion: 83 Resp: 157836  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.0 14.9  
85 66.0 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 108.19 ug/l  
RT: 12.785 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 75 Resp: 206663  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

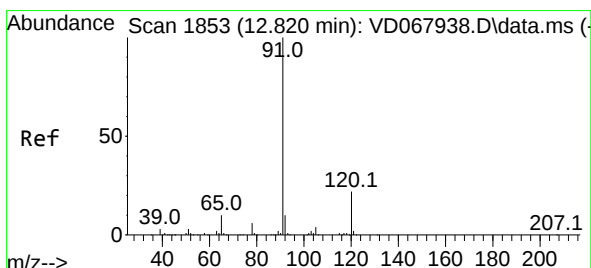
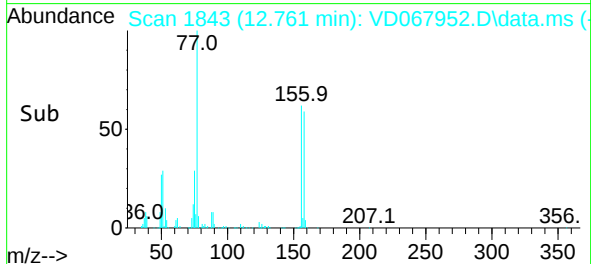
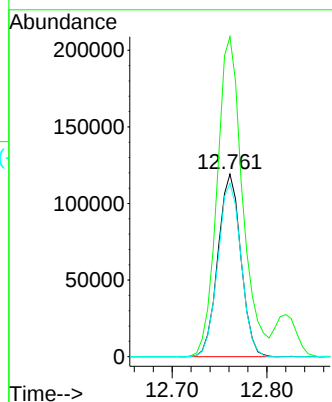
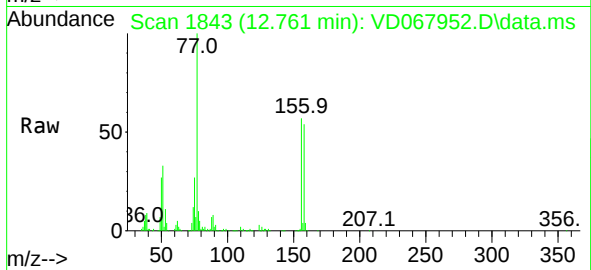




#77  
Bromobenzene  
Concen: 51.97 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

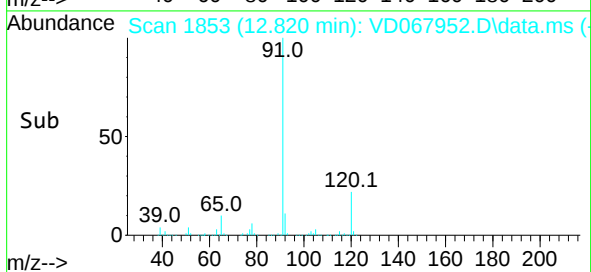
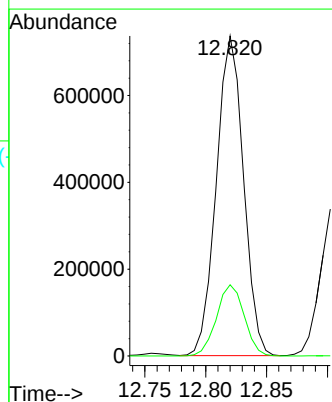
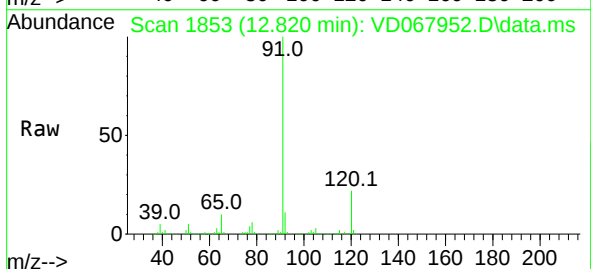
Instrument :  
MSVOA\_D  
ClientSampleId :

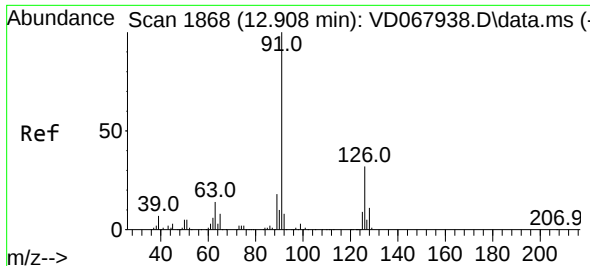
Tgt Ion:156 Resp: 200137  
Ion Ratio Lower Upper  
156 100  
77 195.4 95.9 287.6  
158 96.6 46.8 140.3



#78  
n-propylbenzene  
Concen: 54.60 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 91 Resp: 1143017  
Ion Ratio Lower Upper  
91 100  
120 22.7 11.2 33.5

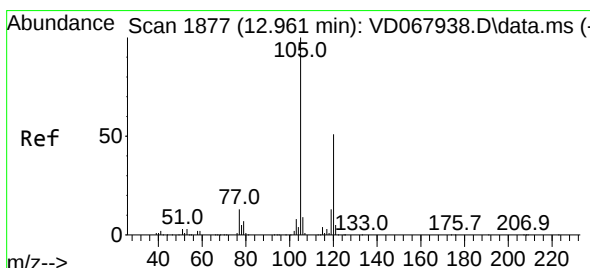
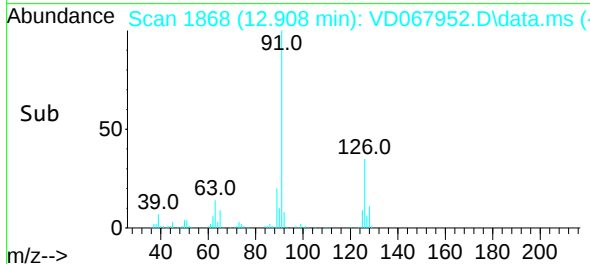
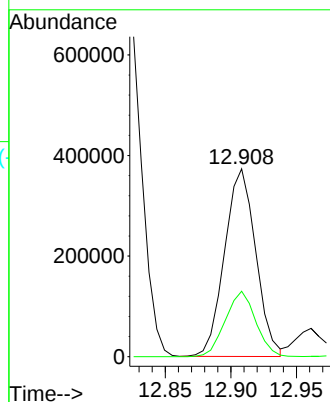
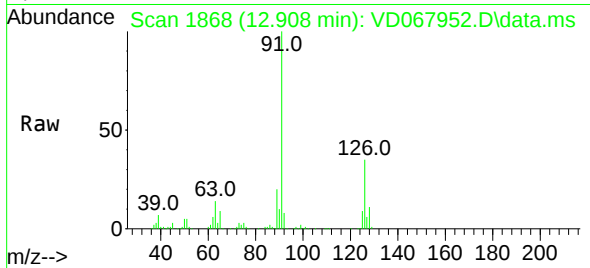




#79  
2-Chlorotoluene  
Concen: 52.17 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

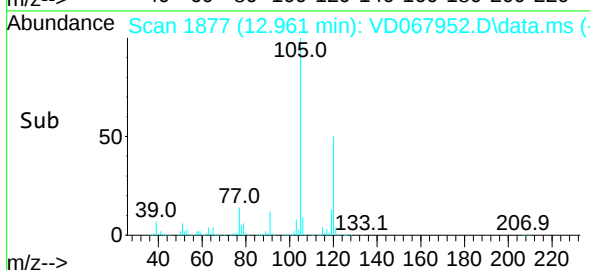
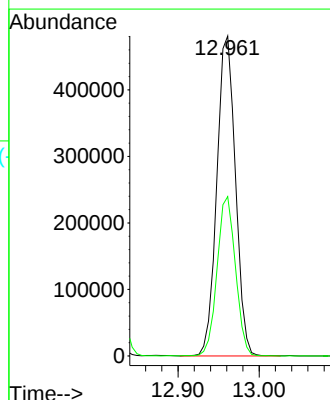
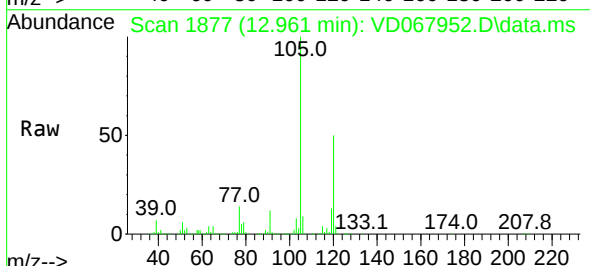
Instrument :  
MSVOA\_D  
ClientSampled :

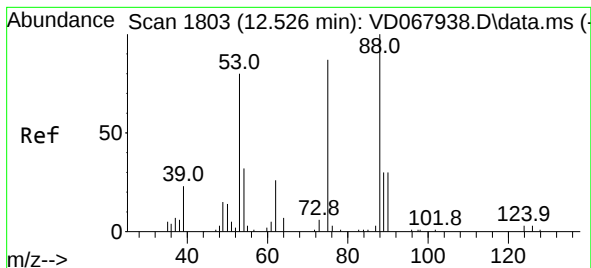
Tgt Ion: 91 Resp: 617036  
Ion Ratio Lower Upper  
91 100  
126 34.0 16.8 50.3



#80  
1,3,5-Trimethylbenzene  
Concen: 54.92 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 105 Resp: 768170  
Ion Ratio Lower Upper  
105 100  
120 49.2 24.9 74.6

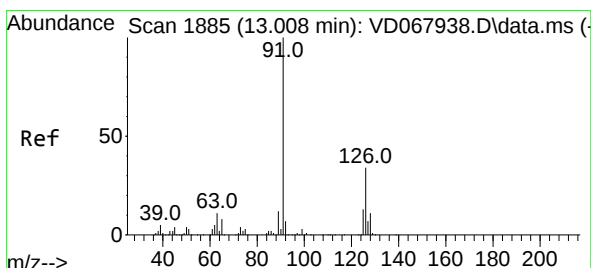
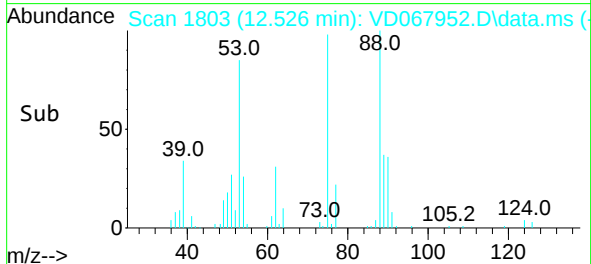
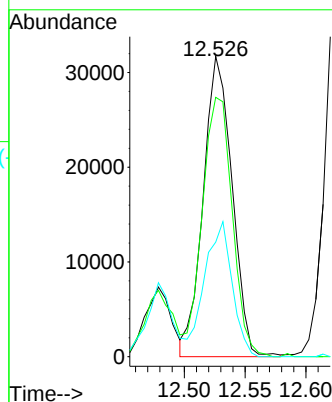
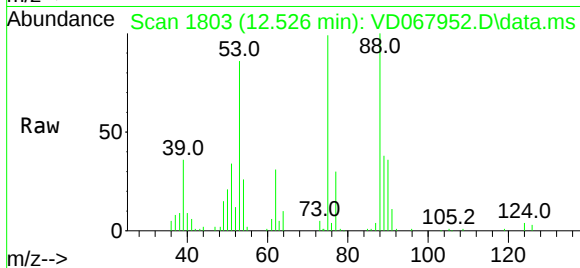




#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.19 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

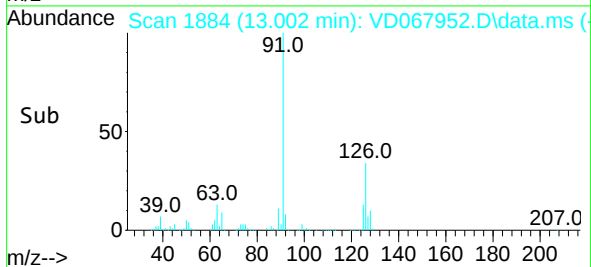
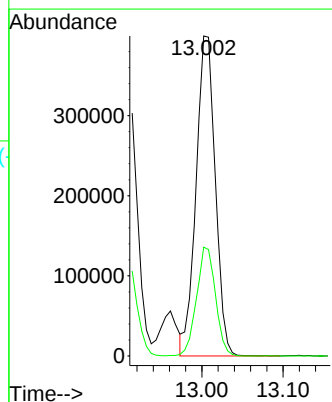
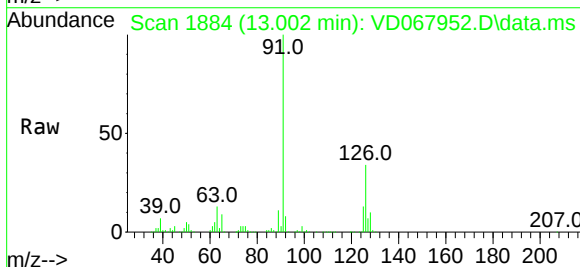
Instrument :  
MSVOA\_D  
ClientSampleId :

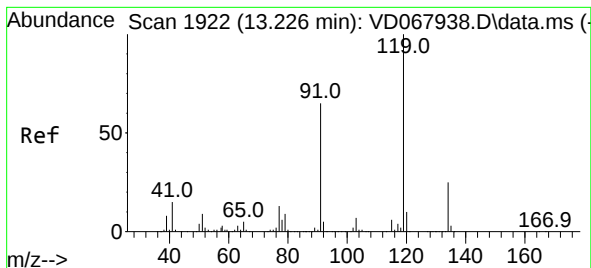
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 90.1  | 74.9  | 112.3 |
| 89      | 42.4  | 33.8  | 50.8  |



#82  
4-Chlorotoluene  
Concen: 52.93 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.5  | 17.0  | 51.0  |

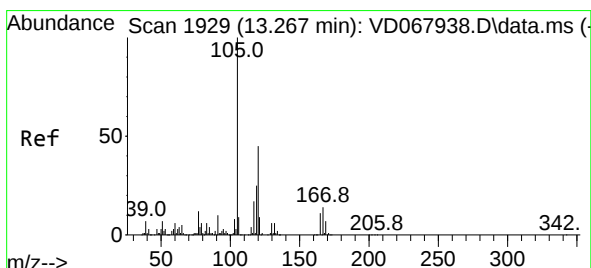
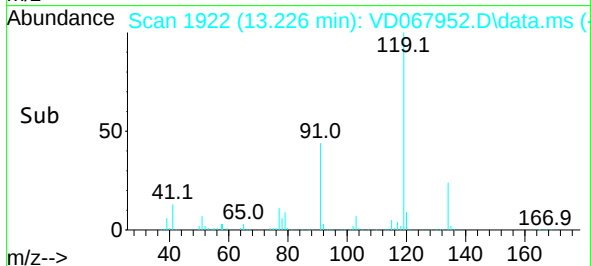
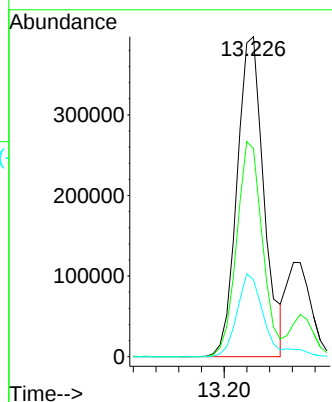
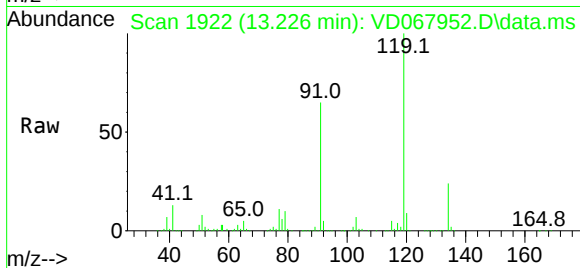




#83  
tert-Butylbenzene  
Concen: 56.59 ug/l  
RT: 13.226 min Scan# 1922  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

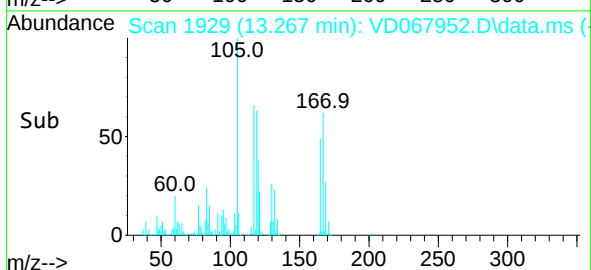
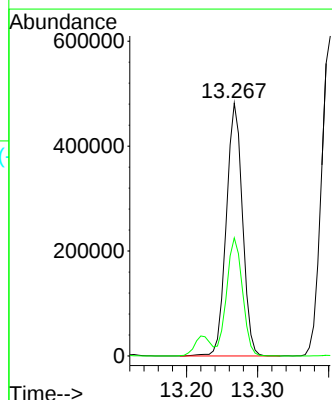
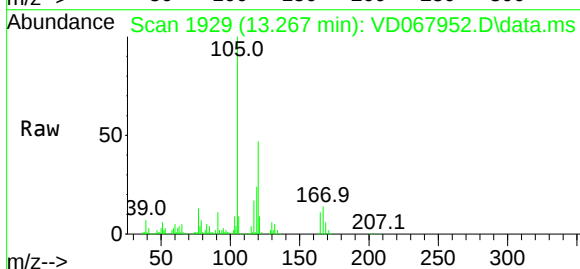
Instrument :  
MSVOA\_D  
ClientSampleId :

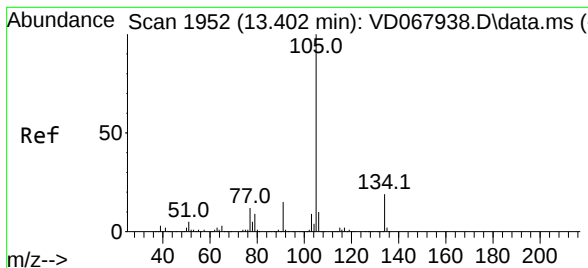
Tgt Ion:119 Resp: 650941  
Ion Ratio Lower Upper  
119 100  
91 64.7 32.7 98.1  
134 26.5 13.3 39.8



#84  
1,2,4-Trimethylbenzene  
Concen: 54.14 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion:105 Resp: 759445  
Ion Ratio Lower Upper  
105 100  
120 46.1 22.7 68.0

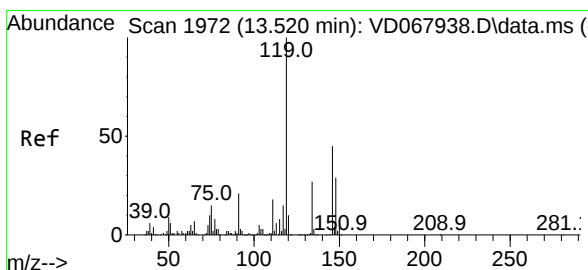
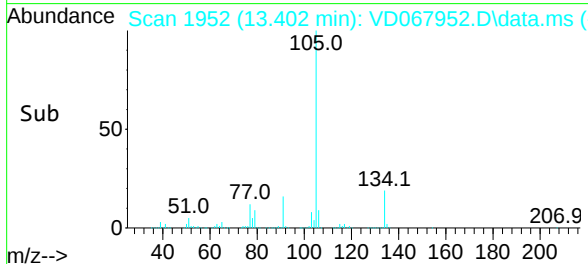
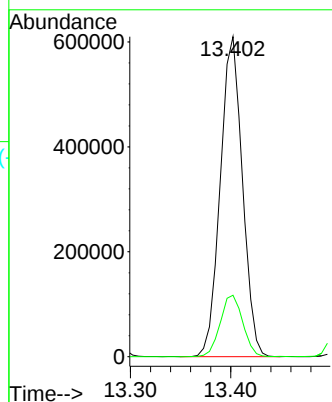
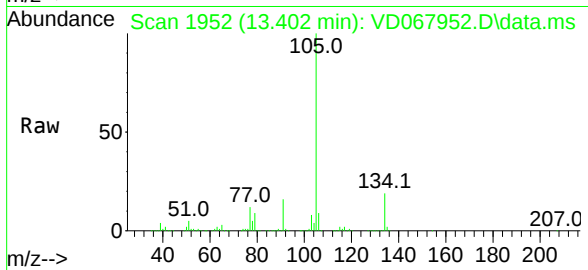




#85  
 sec-Butylbenzene  
 Concen: 55.55 ug/l  
 RT: 13.402 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VD067952.D  
 Acq: 28 Dec 2020 10:36

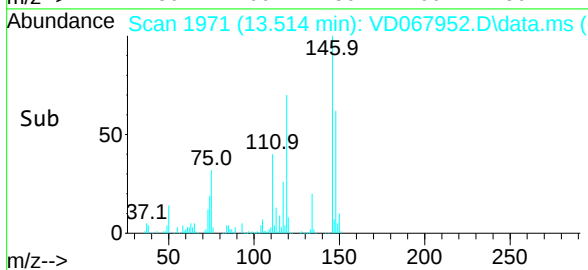
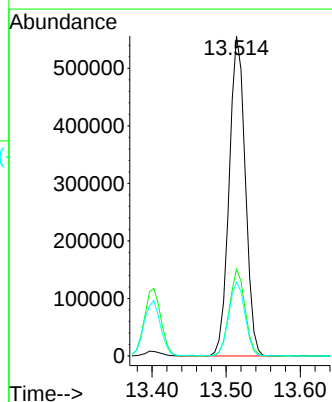
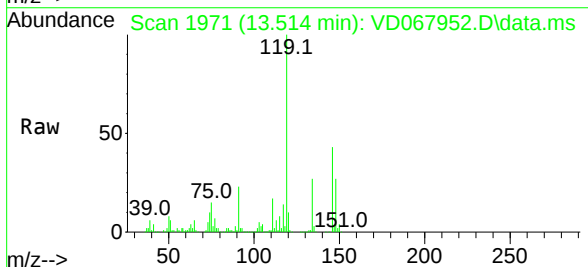
Instrument :  
 MSVOA\_D  
 ClientSampleId :

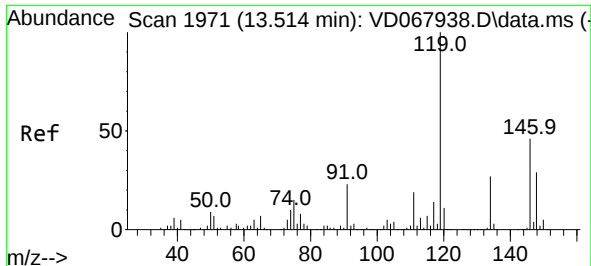
Tgt Ion:105 Resp: 934933  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 56.64 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. -0.006 min  
 Lab File: VD067952.D  
 Acq: 28 Dec 2020 10:36

Tgt Ion:119 Resp: 838942  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.3 39.9  
 91 23.2 11.4 34.2



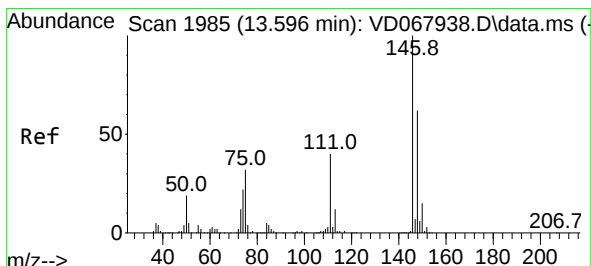
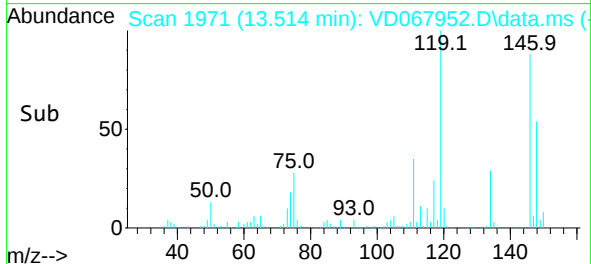
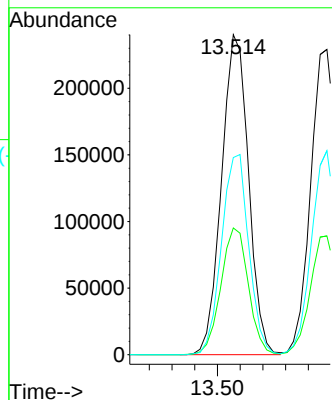
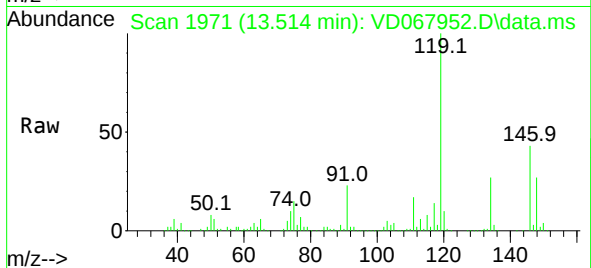


#87

1,3-Dichlorobenzene  
Concen: 51.80 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion:146 Resp: 396700  
Ion Ratio Lower Upper  
146 100  
111 40.4 20.3 60.9  
148 63.1 31.8 95.4

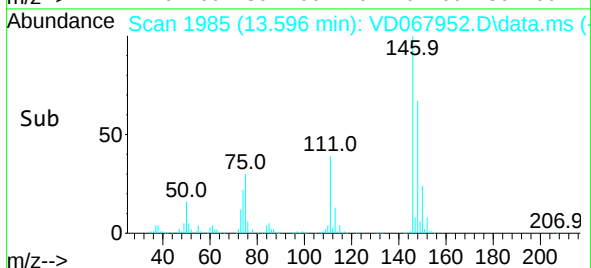
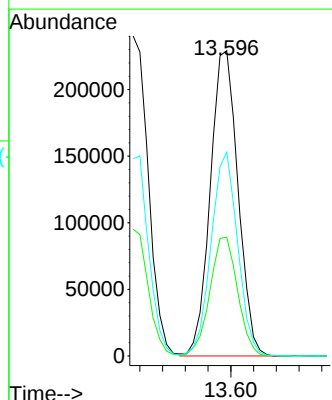
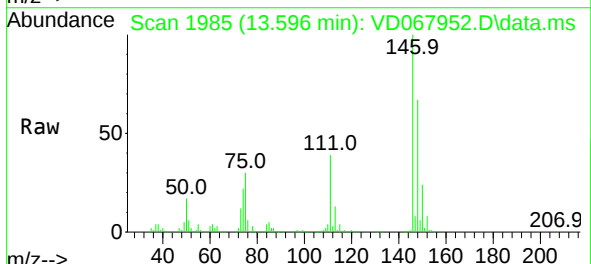
Instrument :  
MSVOA\_D  
ClientSampled :

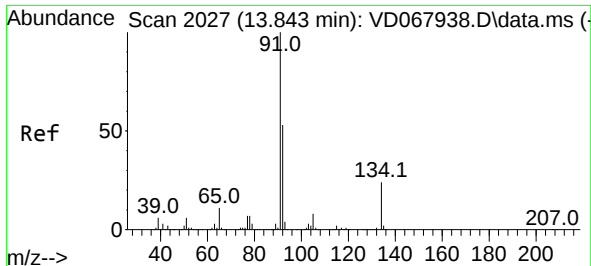


#88

1,4-Dichlorobenzene  
Concen: 51.30 ug/l  
RT: 13.596 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion:146 Resp: 388011  
Ion Ratio Lower Upper  
146 100  
111 39.1 19.4 58.2  
148 64.1 31.9 95.9

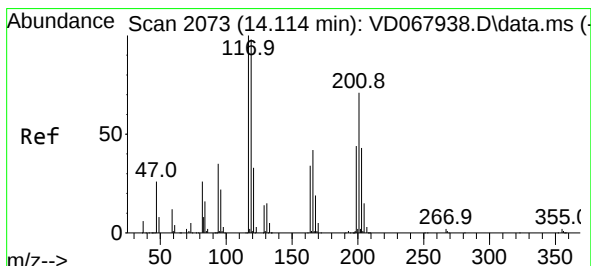
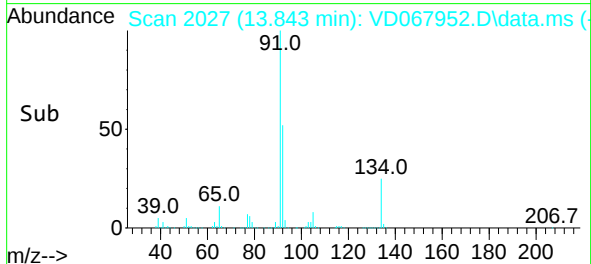
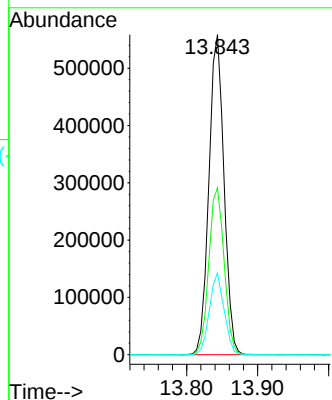
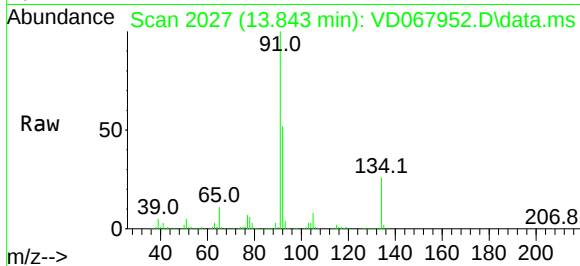




#89  
n-Butylbenzene  
Concen: 56.15 ug/l  
RT: 13.843 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

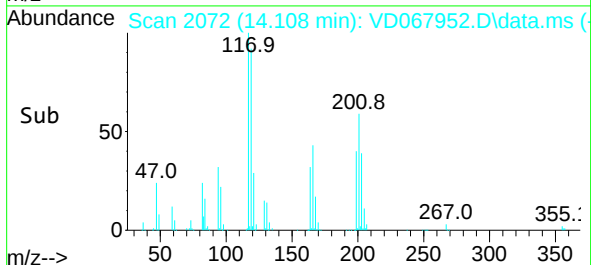
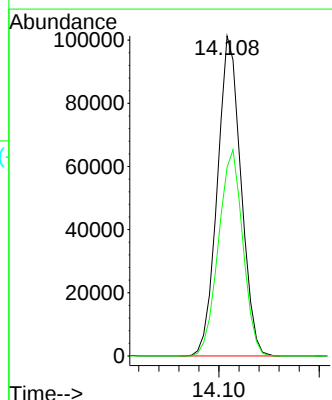
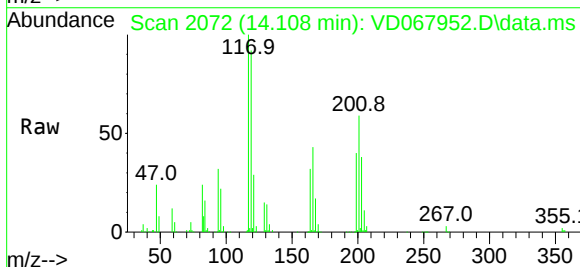
Instrument :  
MSVOA\_D  
ClientSampleId :

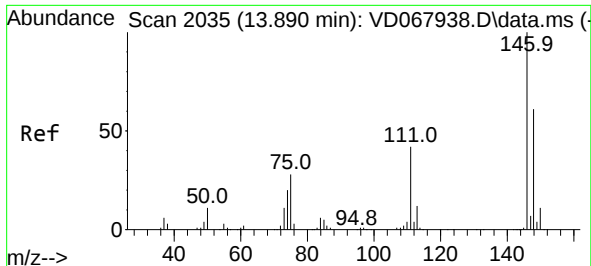
Tgt Ion: 91 Resp: 824981  
Ion Ratio Lower Upper  
91 100  
92 53.0 26.8 80.3  
134 25.0 12.3 36.9



#90  
Hexachloroethane  
Concen: 54.64 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 117 Resp: 165356  
Ion Ratio Lower Upper  
117 100  
201 66.4 34.3 102.8

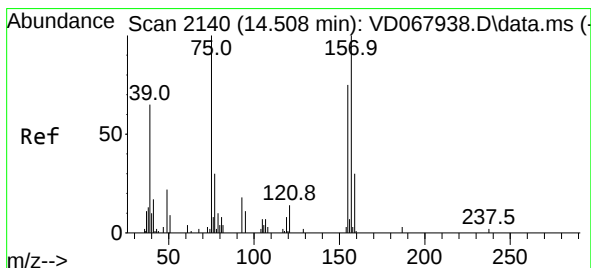
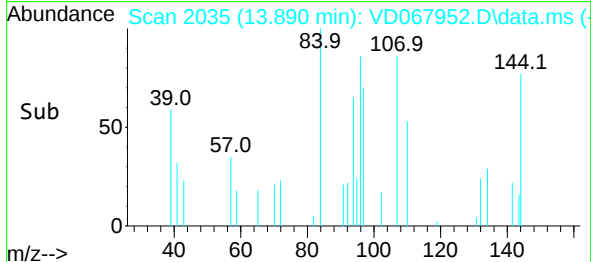
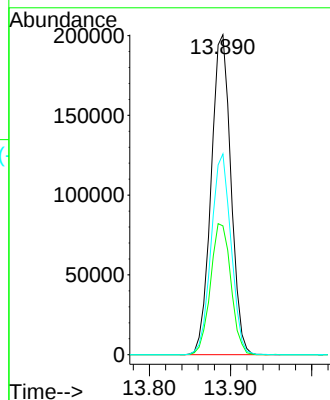
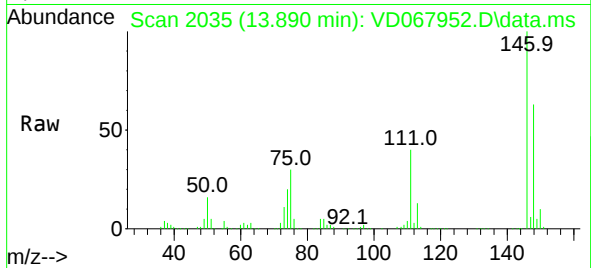




#91  
1,2-Dichlorobenzene  
Concen: 52.52 ug/l  
RT: 13.890 min Scan# 2035  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

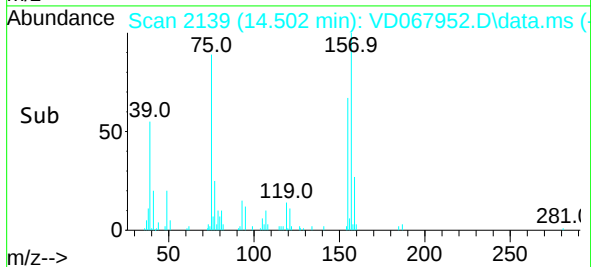
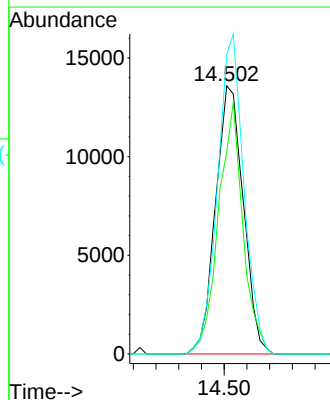
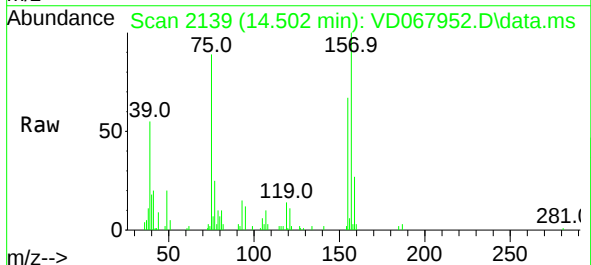
Instrument :  
MSVOA\_D  
ClientSampled :

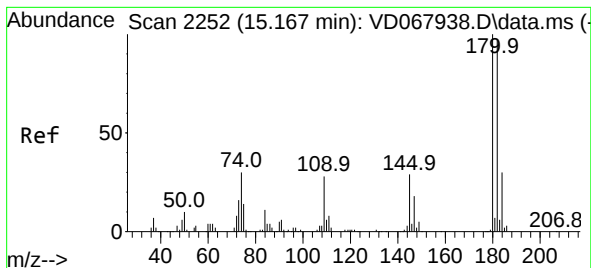
Tgt Ion:146 Resp: 338643  
Ion Ratio Lower Upper  
146 100  
111 42.3 20.8 62.5  
148 63.2 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.24 ug/l  
RT: 14.502 min Scan# 2139  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion: 75 Resp: 23106  
Ion Ratio Lower Upper  
75 100  
155 82.4 39.8 119.3  
157 112.7 50.6 151.9

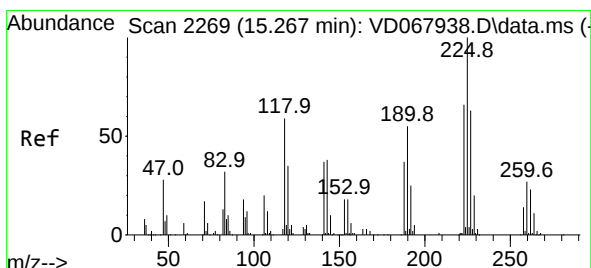
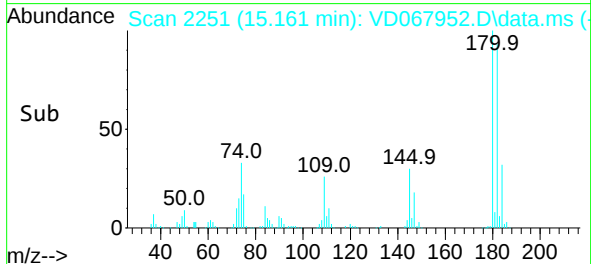
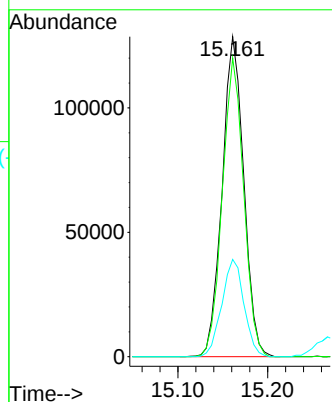
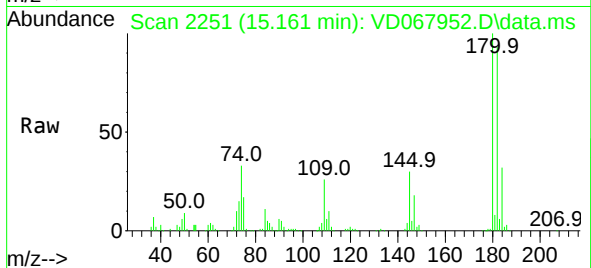




#93  
1,2,4-Trichlorobenzene  
Concen: 56.14 ug/l  
RT: 15.161 min Scan# 2251  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

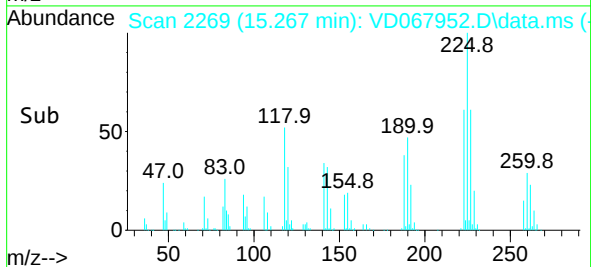
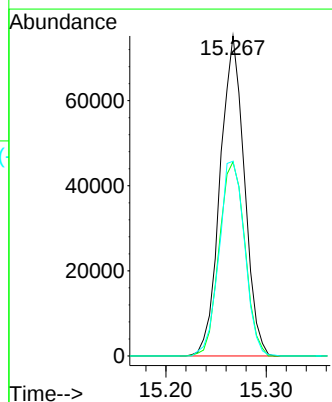
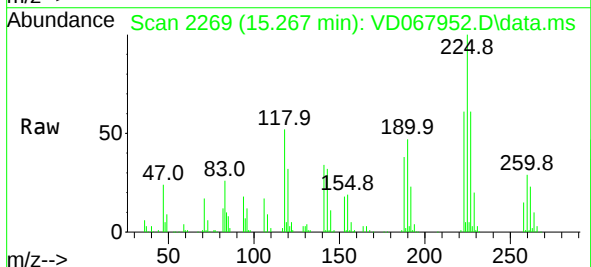
Instrument :  
MSVOA\_D  
ClientSampleId :

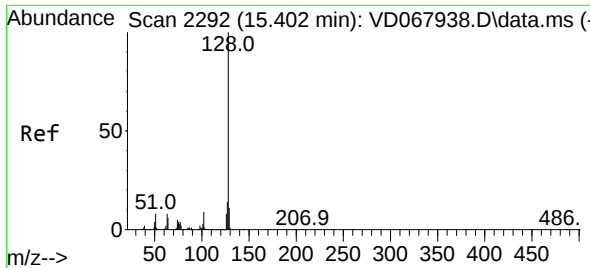
Tgt Ion:180 Resp: 214929  
Ion Ratio Lower Upper  
180 100  
182 92.2 48.0 144.2  
145 31.2 15.8 47.3



#94  
Hexachlorobutadiene  
Concen: 56.25 ug/l  
RT: 15.267 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion:225 Resp: 126007  
Ion Ratio Lower Upper  
225 100  
223 64.2 33.4 100.2  
227 64.2 31.7 95.1

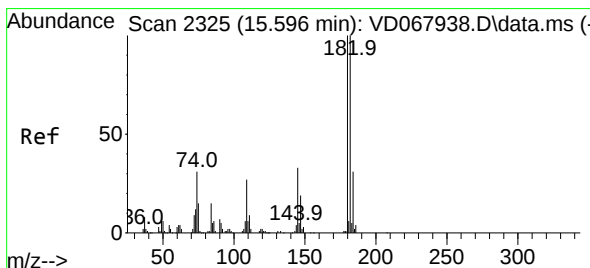
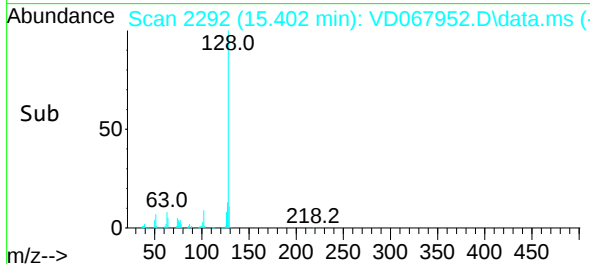
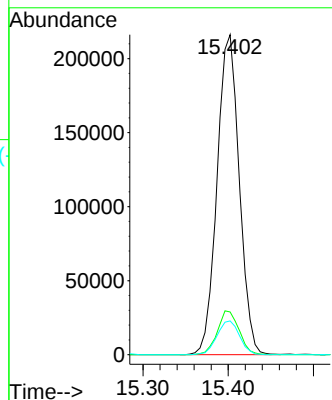
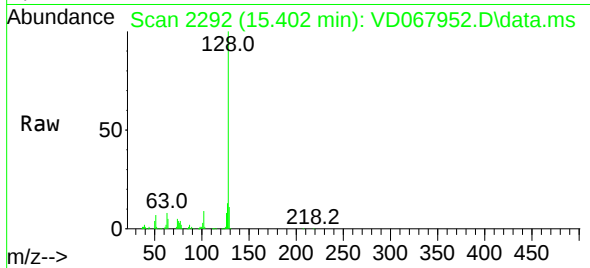




#95  
Naphthalene  
Concen: 57.85 ug/l  
RT: 15.402 min Scan# 2292  
Delta R.T. 0.000 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 391417  
Ion Ratio Lower Upper  
128 100  
127 13.4 11.2 16.8  
129 10.7 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 56.05 ug/l  
RT: 15.590 min Scan# 2324  
Delta R.T. -0.006 min  
Lab File: VD067952.D  
Acq: 28 Dec 2020 10:36

Tgt Ion:180 Resp: 185387  
Ion Ratio Lower Upper  
180 100  
182 94.4 50.2 150.6  
145 32.1 17.0 51.0

