

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD040921\  
 Data File : VD068822.D  
 Acq On : 09 Apr 2021 20:04  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 10 00:46:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 08 03:50:31 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 372106   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 636576   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.643 | 117  | 590603   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.573 | 152  | 292124   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 186150   | 47.33    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 94.66%  |
| 35) Dibromofluoromethane    | 7.914  | 113   | 208745   | 50.41    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 100.82% |
| 50) Toluene-d8              | 10.338 | 98    | 767952   | 49.17    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 98.34%  |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 263520   | 50.80    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 101.60% |

|                              |       |     |         |        |      |        |
|------------------------------|-------|-----|---------|--------|------|--------|
| Target Compounds             |       |     |         |        |      | Qvalue |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 143738  | 38.98  | ug/l | 99     |
| 3) Chloromethane             | 2.209 | 50  | 174066  | 40.16  | ug/l | 99     |
| 4) Vinyl Chloride            | 2.350 | 62  | 217716  | 39.98  | ug/l | 100    |
| 5) Bromomethane              | 2.762 | 94  | 178943  | 43.96  | ug/l | 99     |
| 6) Chloroethane              | 2.920 | 64  | 151094  | 42.22  | ug/l | 99     |
| 7) Trichlorofluoromethane    | 3.273 | 101 | 290556  | 45.35  | ug/l | 99     |
| 8) Diethyl Ether             | 3.714 | 74  | 86578   | 50.03  | ug/l | 90     |
| 9) 1,1,2-Trichlorotrifluo... | 4.091 | 101 | 171729  | 44.41  | ug/l | 98     |
| 10) Methyl Iodide            | 4.303 | 142 | 204749  | 45.46  | ug/l | 99     |
| 11) Tert butyl alcohol       | 5.220 | 59  | 44496   | 208.14 | ug/l | 99     |
| 12) 1,1-Dichloroethene       | 4.067 | 96  | 168352  | 45.20  | ug/l | 98     |
| 13) Acrolein                 | 3.920 | 56  | 33149   | 214.16 | ug/l | 95     |
| 14) Allyl chloride           | 4.714 | 41  | 190023  | 45.27  | ug/l | 96     |
| 15) Acrylonitrile            | 5.426 | 53  | 172823  | 222.54 | ug/l | 98     |
| 16) Acetone                  | 4.156 | 43  | 110613  | 203.12 | ug/l | 94     |
| 17) Carbon Disulfide         | 4.409 | 76  | 529937  | 43.96  | ug/l | 100    |
| 18) Methyl Acetate           | 4.726 | 43  | 67808   | 45.32  | ug/l | 96     |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 416682  | 50.42  | ug/l | 93     |
| 20) Methylene Chloride       | 4.961 | 84  | 222675  | 50.53  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene | 5.473 | 96  | 217971  | 45.57  | ug/l | 97     |
| 22) Diisopropyl ether        | 6.361 | 45  | 448625  | 44.11  | ug/l | 96     |
| 23) Vinyl Acetate            | 6.308 | 43  | 1236481 | 229.40 | ug/l | 97     |
| 24) 1,1-Dichloroethane       | 6.267 | 63  | 335633  | 43.77  | ug/l | 99     |
| 25) 2-Butanone               | 7.214 | 43  | 165623  | 214.92 | ug/l | 98     |
| 26) 2,2-Dichloropropane      | 7.208 | 77  | 264264  | 42.19  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene   | 7.214 | 96  | 222129  | 46.73  | ug/l | 97     |
| 28) Bromochloromethane       | 7.544 | 49  | 116708  | 42.17  | ug/l | 85     |
| 29) Tetrahydrofuran          | 7.561 | 42  | 109696  | 211.66 | ug/l | 90     |
| 30) Chloroform               | 7.714 | 83  | 349898  | 41.69  | ug/l | 98     |
| 31) Cyclohexane              | 7.985 | 56  | 255060  | 38.98  | ug/l | 94     |
| 32) 1,1,1-Trichloroethane    | 7.902 | 97  | 320892  | 43.75  | ug/l | 97     |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 273707  | 42.48  | ug/l | 98     |
| 37) Ethyl Acetate            | 7.297 | 43  | 80564   | 42.57  | ug/l | 97     |
| 38) Carbon Tetrachloride     | 8.097 | 117 | 279957  | 43.88  | ug/l | 99     |
| 39) Methylcyclohexane        | 9.355 | 83  | 331822  | 44.16  | ug/l | 98     |
| 40) Benzene                  | 8.350 | 78  | 826643  | 43.84  | ug/l | 97     |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 10 00:46:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 08 03:50:31 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.532  | 41   | 43868    | 39.15   | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 225805   | 45.30   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.455  | 43   | 174866   | 45.32   | ug/l   | 98       |
| 44) Trichloroethene           | 9.114  | 130  | 241815   | 46.43   | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 196428   | 43.62   | ug/l   | 98       |
| 46) Dibromomethane            | 9.473  | 93   | 115227   | 45.93   | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.661  | 83   | 302897   | 46.21   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.455  | 41   | 91301    | 48.02   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 27015    | 1017.07 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 443001   | 227.81  | ug/l   | 99       |
| 52) Toluene                   | 10.408 | 92   | 538435   | 45.10   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 266963   | 45.95   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 319911   | 46.04   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 164450   | 46.36   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 183807   | 50.34   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.944 | 76   | 269623   | 46.16   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 482997   | 248.55  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.985 | 43   | 300535   | 230.97  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.138 | 129  | 214756   | 48.28   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.243 | 107  | 162072   | 47.01   | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.873 | 164  | 196620   | 47.49   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.667 | 112  | 595664   | 46.59   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.743 | 131  | 225558   | 49.07   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.743 | 91   | 1045287  | 47.22   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.849 | 106  | 820007   | 95.99   | ug/l   | 98       |
| 69) o-Xylene                  | 12.179 | 106  | 384110   | 49.45   | ug/l   | 97       |
| 70) Styrene                   | 12.191 | 104  | 669904   | 49.48   | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 121737   | 49.43   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.479 | 105  | 1006893  | 47.21   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.285 | 43   | 165548   | 45.77   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 178779   | 44.84   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 221277   | 82.91   | ug/l # | 100      |
| 77) Bromobenzene              | 12.755 | 156  | 244781   | 47.74   | ug/l   | 96       |
| 78) n-propylbenzene           | 12.820 | 91   | 1162723  | 44.88   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 665019   | 45.95   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 846420   | 47.46   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 53431    | 46.46   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 694388   | 45.27   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 718391   | 47.48   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 844552   | 46.89   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.396 | 105  | 978680   | 45.84   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 908240   | 46.57   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 465126   | 45.78   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.590 | 146  | 450901   | 44.85   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.837 | 91   | 823192   | 44.82   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.108 | 117  | 169608   | 43.66   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.885 | 146  | 407984   | 46.41   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 26763    | 44.16   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 259065   | 47.62   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.261 | 225  | 146903   | 47.17   | ug/l   | 99       |
| 95) Naphthalene               | 15.396 | 128  | 480248   | 50.68   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.584 | 180  | 229907   | 48.32   | ug/l   | 97       |

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Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
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VSTDCCC050EC

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Quant Title : SW846 8260  
QLast Update : Thu Apr 08 03:50:31 2021  
Response via : Initial Calibration

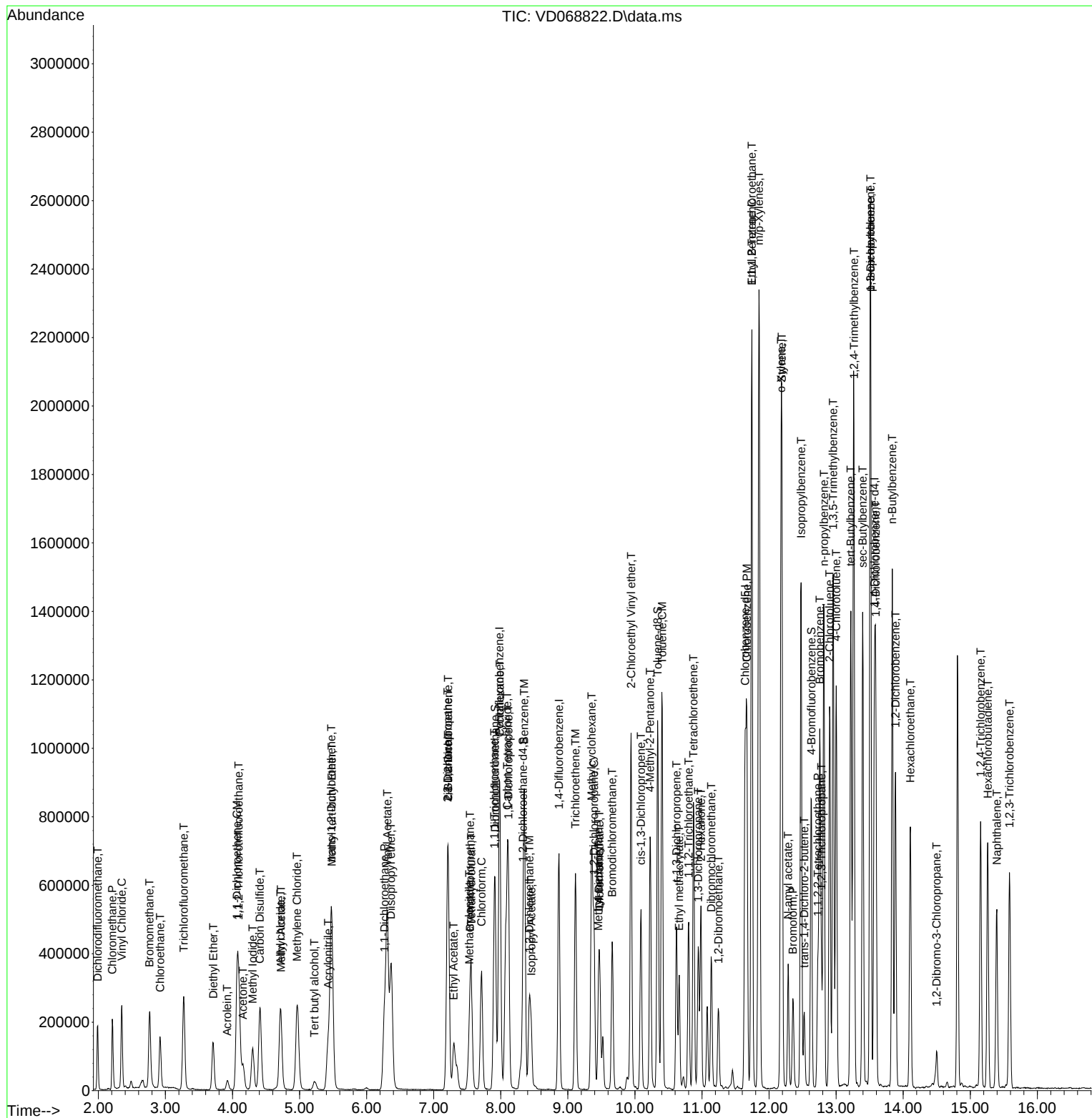
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

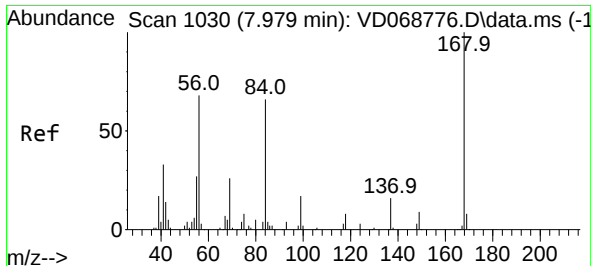
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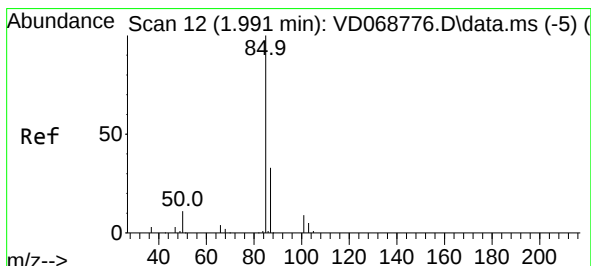
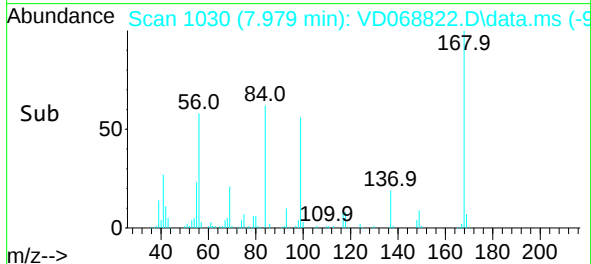
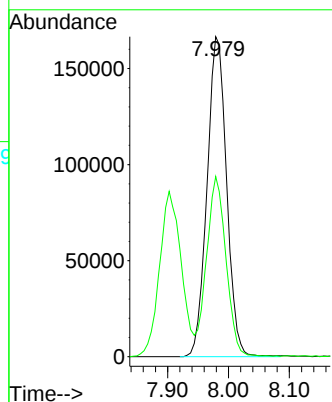
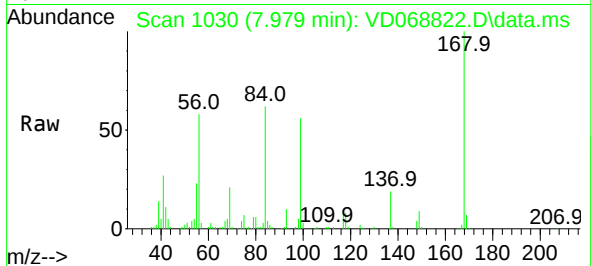




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

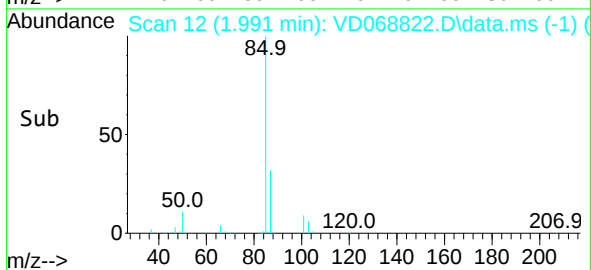
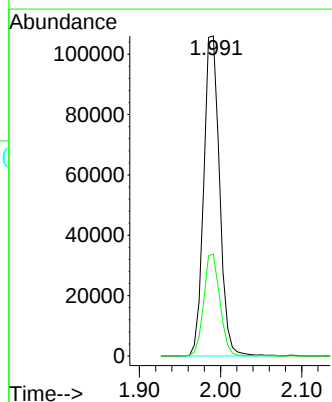
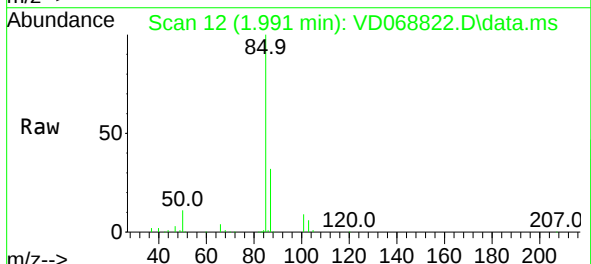
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

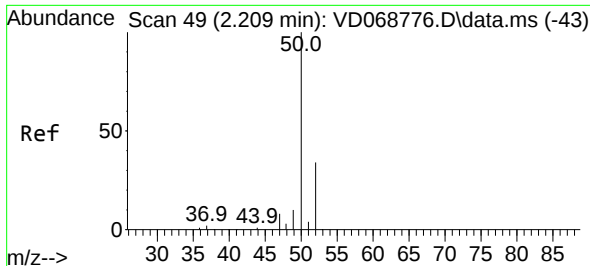
Tgt Ion:168 Resp: 372106  
Ion Ratio Lower Upper  
168 100  
99 56.2 46.2 69.2



#2  
Dichlorodifluoromethane  
Concen: 38.98 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 85 Resp: 143738  
Ion Ratio Lower Upper  
85 100  
87 31.8 15.7 47.0

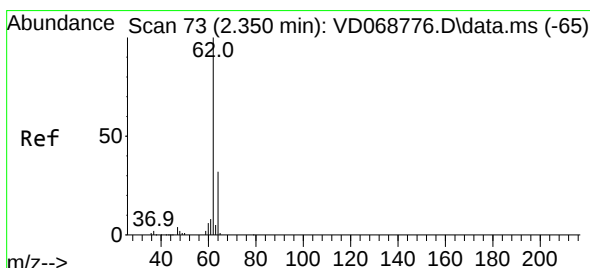
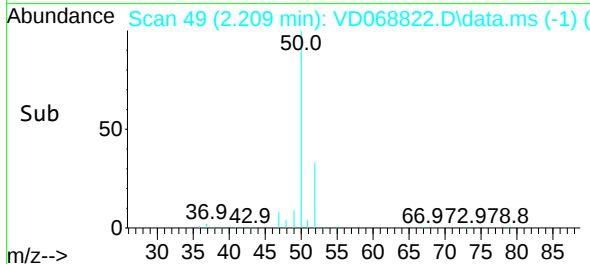
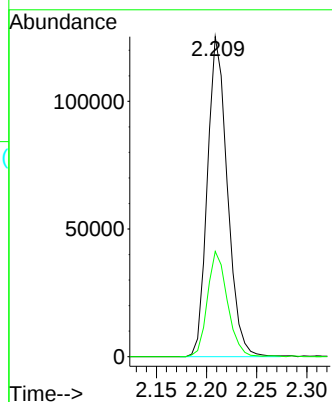
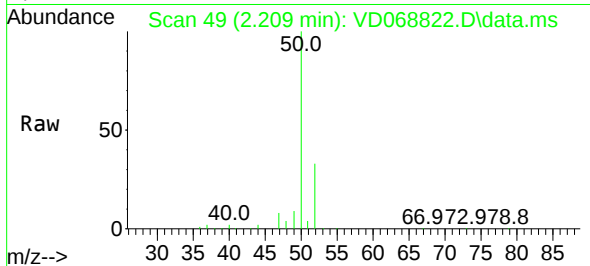




#3  
Chloromethane  
Concen: 40.16 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

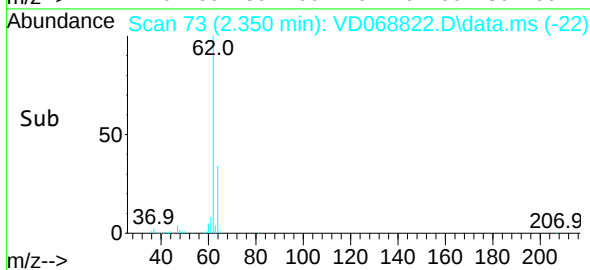
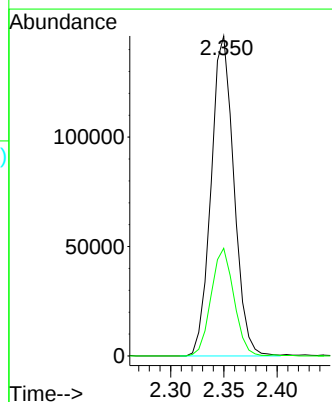
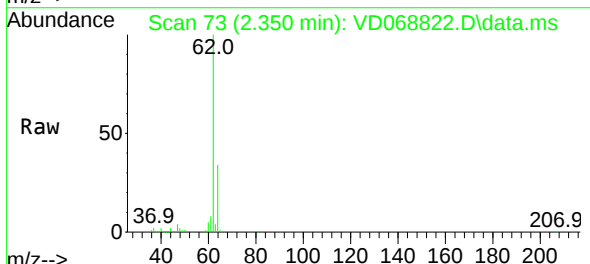
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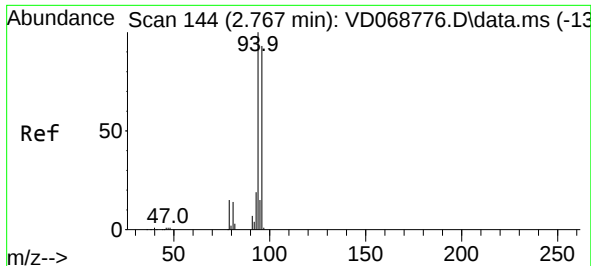
Tgt Ion: 50 Resp: 174066  
Ion Ratio Lower Upper  
50 100  
52 32.9 26.7 40.1



#4  
Vinyl Chloride  
Concen: 39.98 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 62 Resp: 217716  
Ion Ratio Lower Upper  
62 100  
64 33.7 27.1 40.7

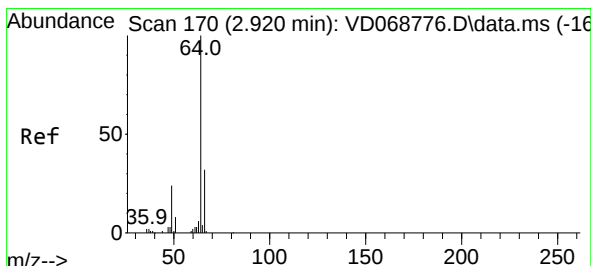
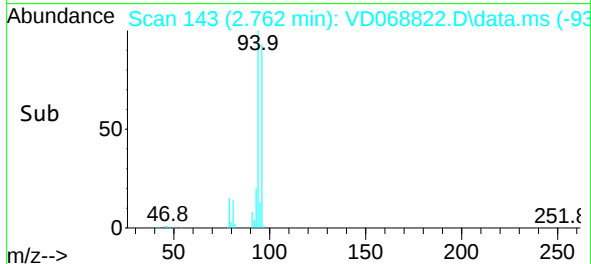
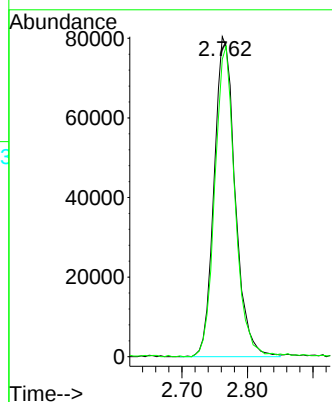
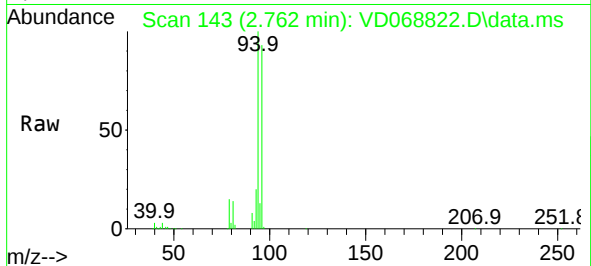




#5  
Bromomethane  
Concen: 43.96 ug/l  
RT: 2.762 min Scan# 143  
Delta R.T. -0.005 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

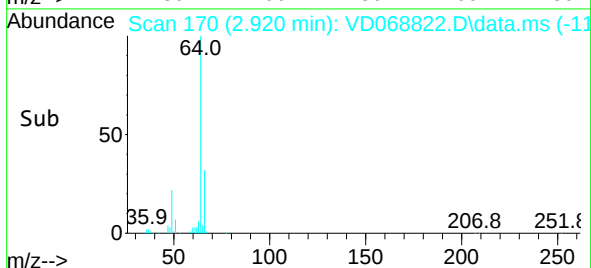
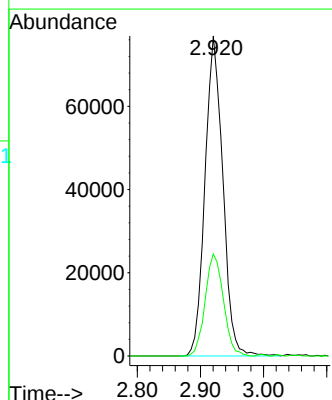
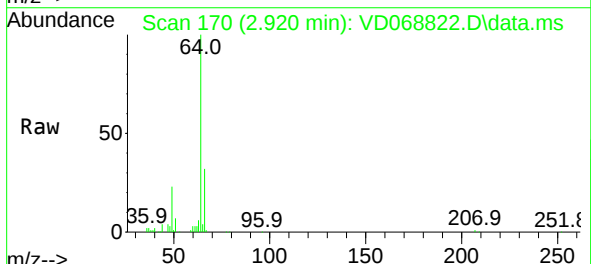
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VSTDCCC050EC

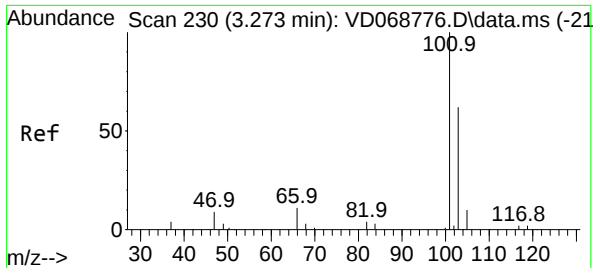
Tgt Ion: 94 Resp: 178943  
Ion Ratio Lower Upper  
94 100  
96 92.7 74.7 112.1



#6  
Chloroethane  
Concen: 42.22 ug/l  
RT: 2.920 min Scan# 170  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 64 Resp: 151094  
Ion Ratio Lower Upper  
64 100  
66 31.9 26.0 39.0

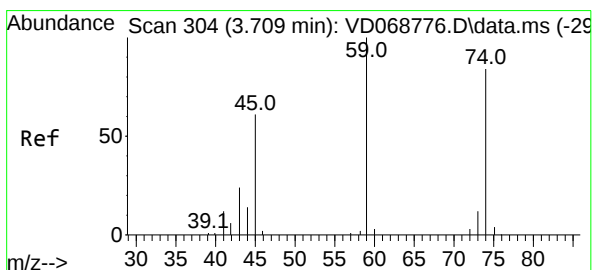
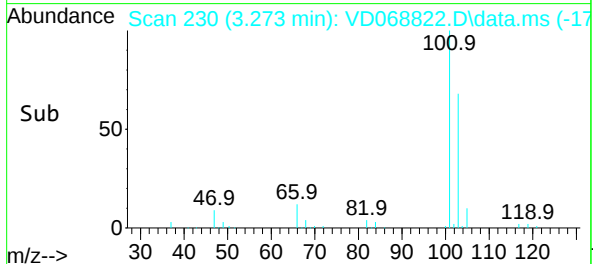
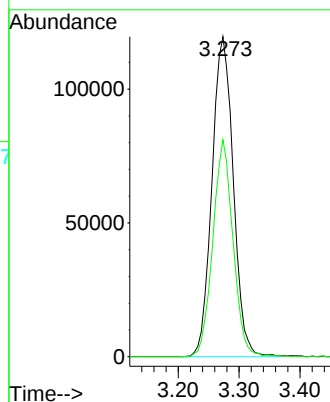
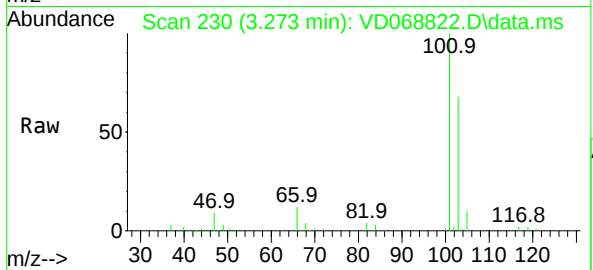




#7  
Trichlorofluoromethane  
Concen: 45.35 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

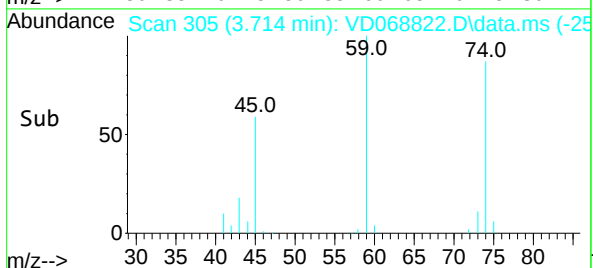
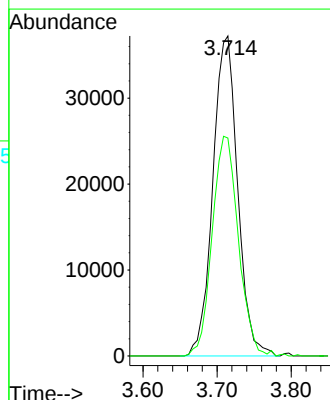
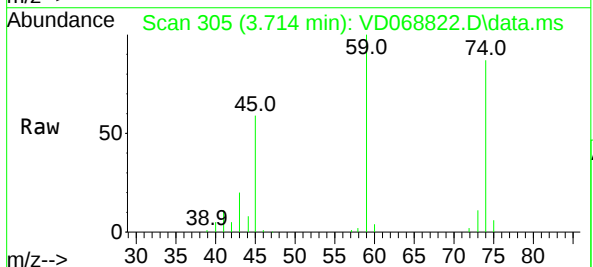
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

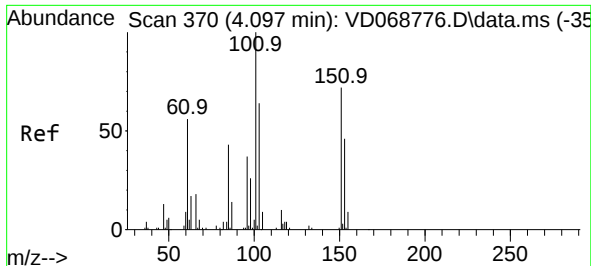
Tgt Ion:101 Resp: 290556  
Ion Ratio Lower Upper  
101 100  
103 67.8 53.4 80.2



#8  
Diethyl Ether  
Concen: 50.03 ug/l  
RT: 3.714 min Scan# 305  
Delta R.T. 0.005 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 74 Resp: 86578  
Ion Ratio Lower Upper  
74 100  
45 72.5 40.5 121.5

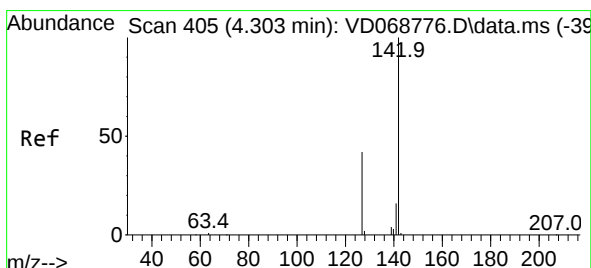
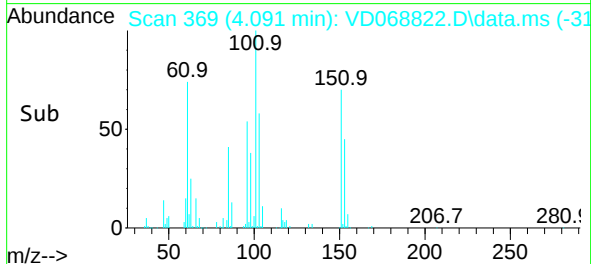
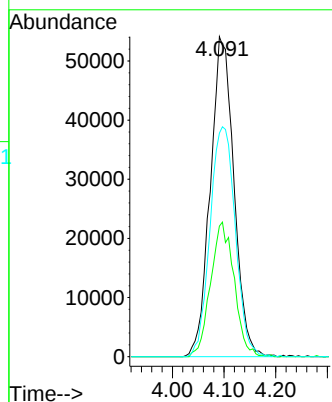
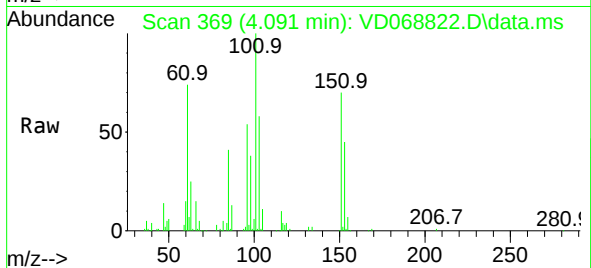




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.41 ug/l  
RT: 4.091 min Scan# 369  
Delta R.T. -0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

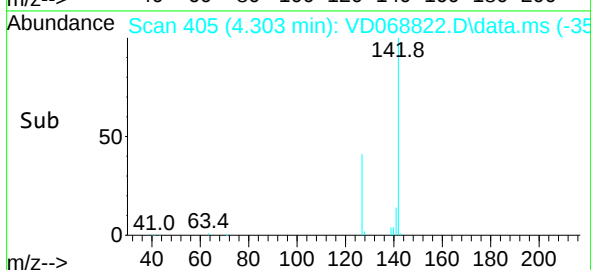
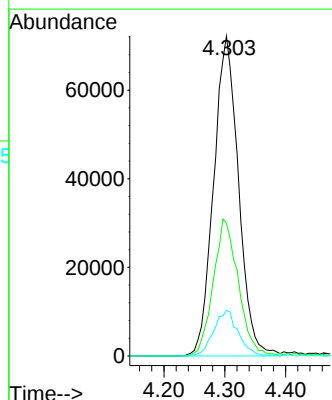
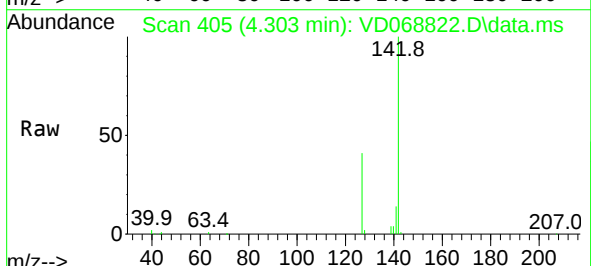
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

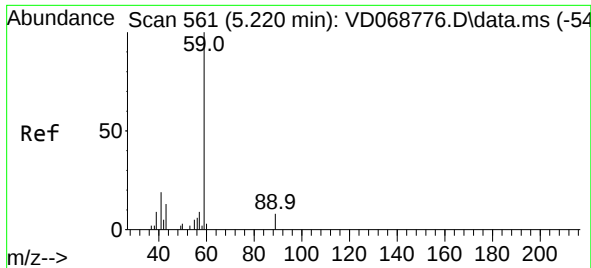
Tgt Ion:101 Resp: 171729  
Ion Ratio Lower Upper  
101 100  
85 41.9 33.8 50.6  
151 77.0 59.4 89.2



#10  
Methyl Iodide  
Concen: 45.46 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion:142 Resp: 204749  
Ion Ratio Lower Upper  
142 100  
127 43.1 34.7 52.1  
141 14.1 11.0 16.4

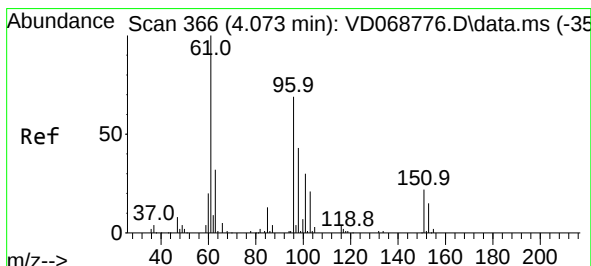
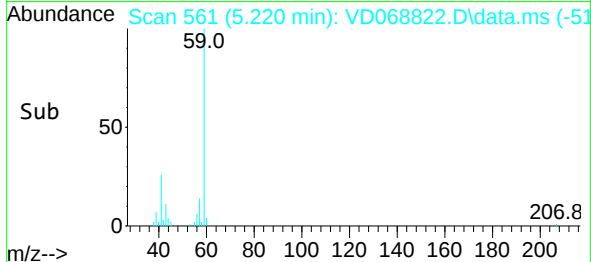
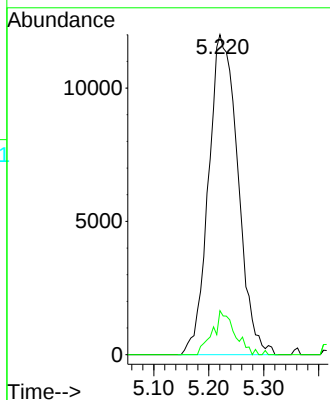
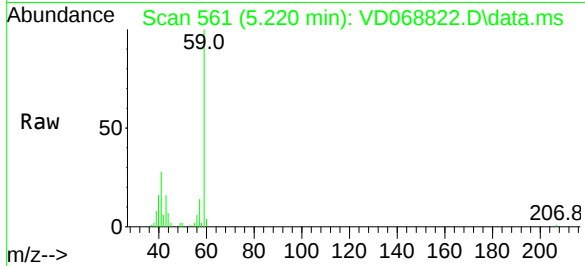




#11  
Tert butyl alcohol  
Concen: 208.14 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

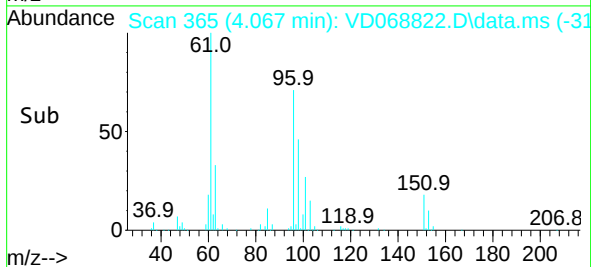
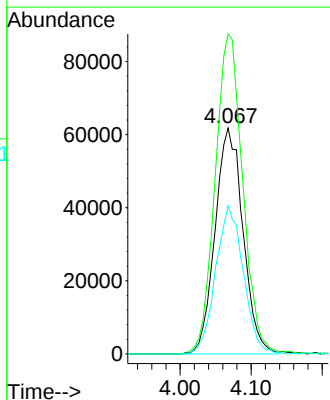
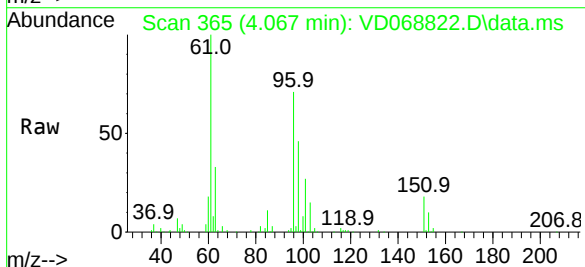
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 59 Resp: 44496  
Ion Ratio Lower Upper  
59 100  
57 10.3 7.8 11.8



#12  
1,1-Dichloroethene  
Concen: 45.20 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

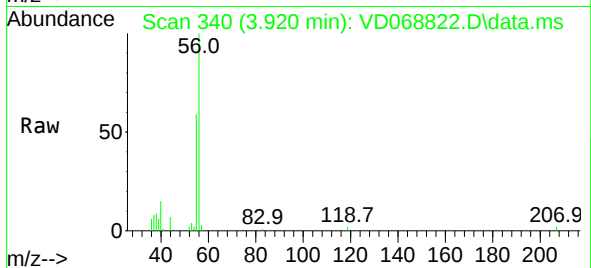
Tgt Ion: 96 Resp: 168352  
Ion Ratio Lower Upper  
96 100  
61 141.7 112.2 168.2  
98 65.6 50.2 75.2



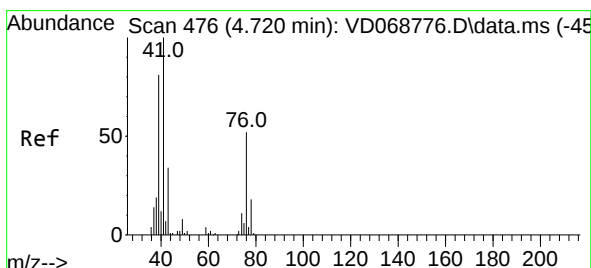
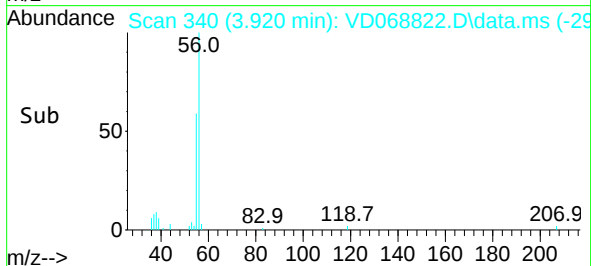
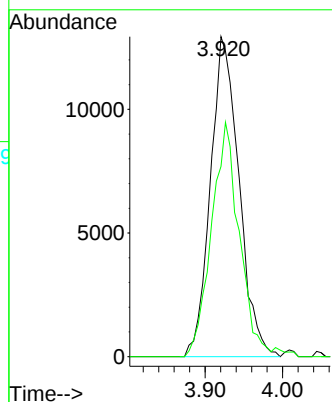


#13  
Acrolein  
Concen: 214.16 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

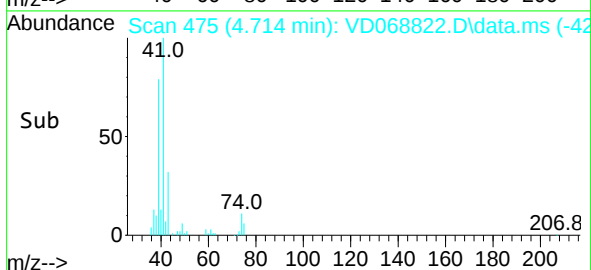
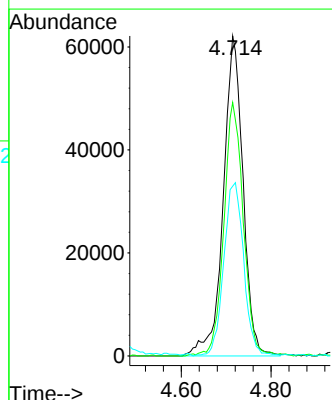
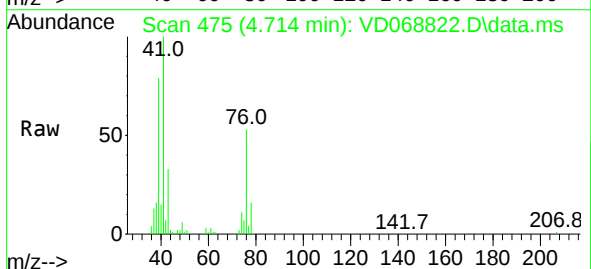


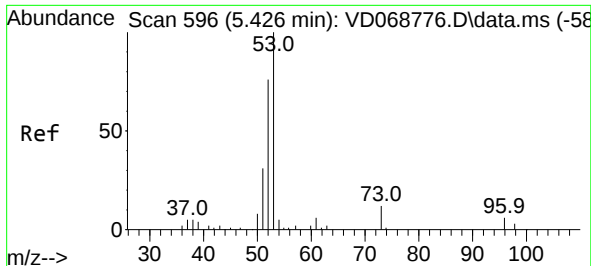
Tgt Ion: 56 Resp: 33149  
Ion Ratio Lower Upper  
56 100  
55 72.2 54.7 82.1



#14  
Allyl chloride  
Concen: 45.27 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 41 Resp: 190023  
Ion Ratio Lower Upper  
41 100  
39 78.1 60.6 91.0  
76 54.8 40.4 60.6

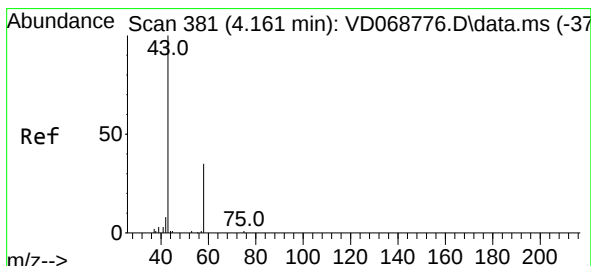
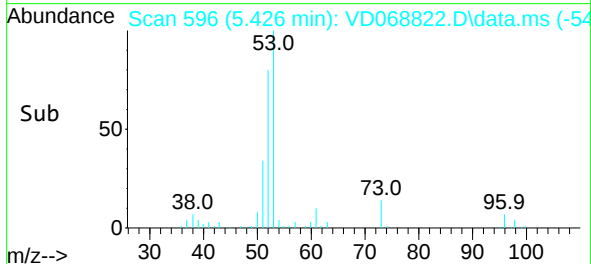
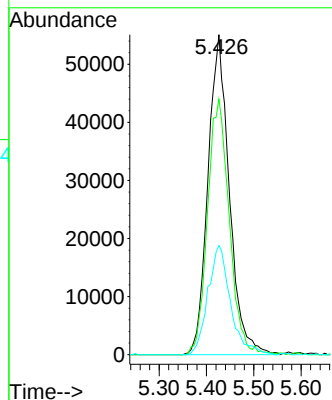
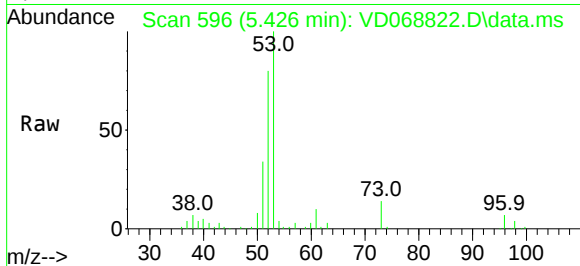




#15  
Acrylonitrile  
Concen: 222.54 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

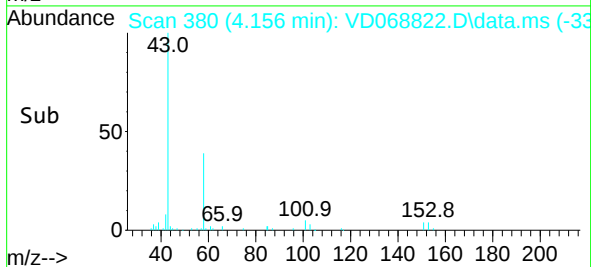
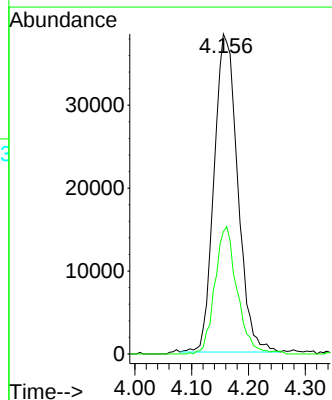
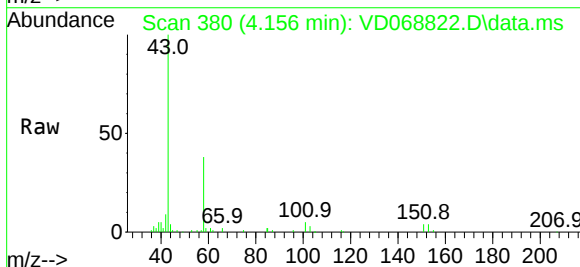
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

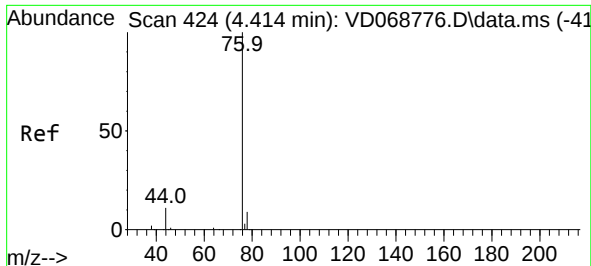
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 172823 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.2  | 63.3  | 94.9   |
| 51       | 35.9  | 28.3  | 42.5   |



#16  
Acetone  
Concen: 203.12 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.005 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 110613 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 38.5  | 28.0  | 42.0   |

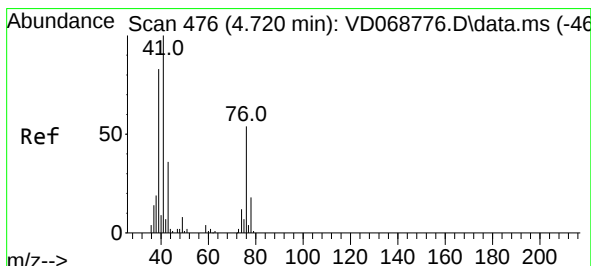
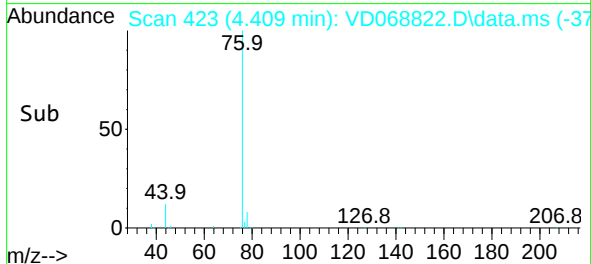
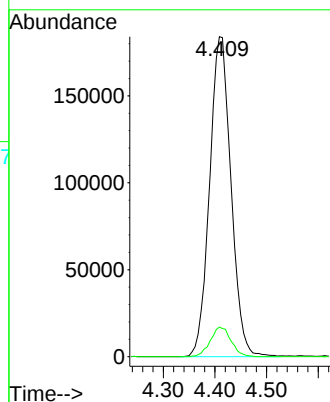
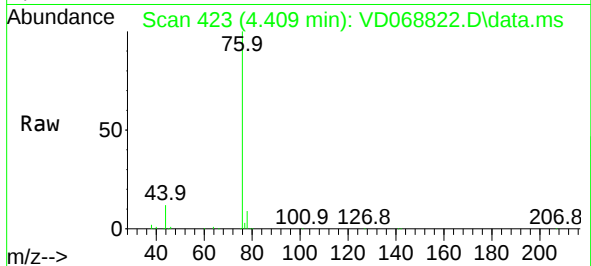




#17  
Carbon Disulfide  
Concen: 43.96 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.005 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

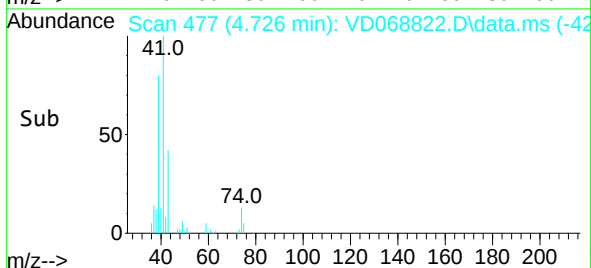
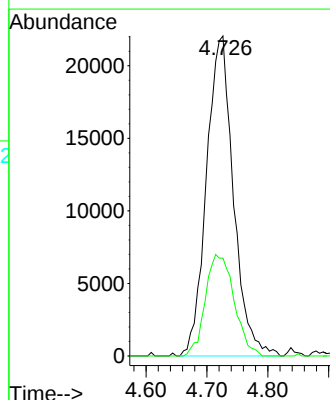
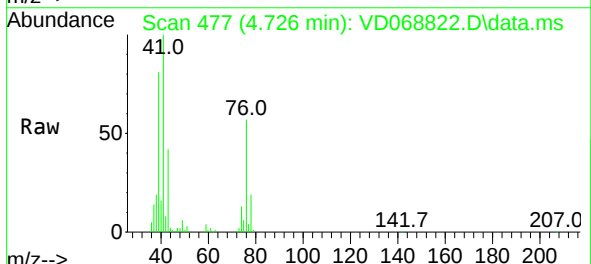
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

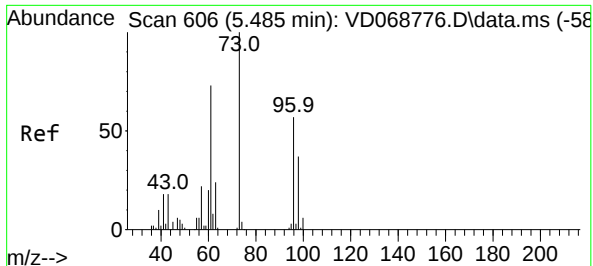
Tgt Ion: 76 Resp: 529937  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.3 10.9



#18  
Methyl Acetate  
Concen: 45.32 ug/l  
RT: 4.726 min Scan# 477  
Delta R.T. 0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 43 Resp: 67808  
Ion Ratio Lower Upper  
43 100  
74 33.8 25.4 38.2

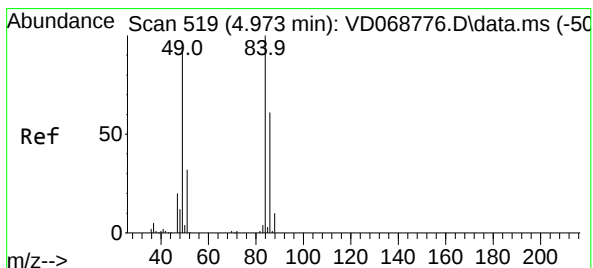
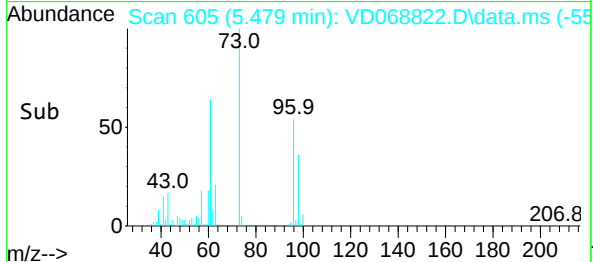
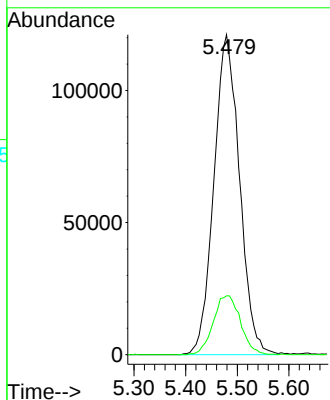
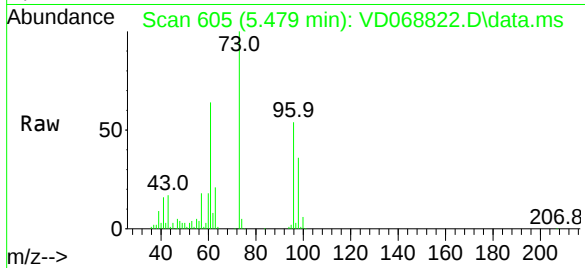




#19  
Methyl tert-butyl Ether  
Concen: 50.42 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

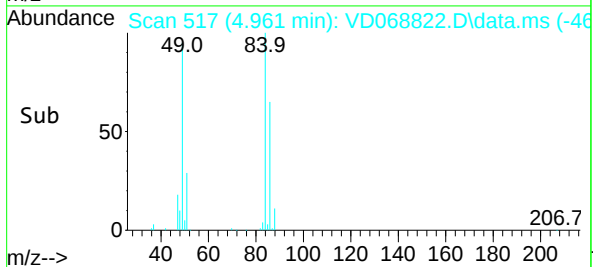
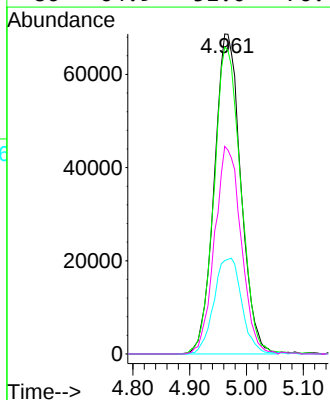
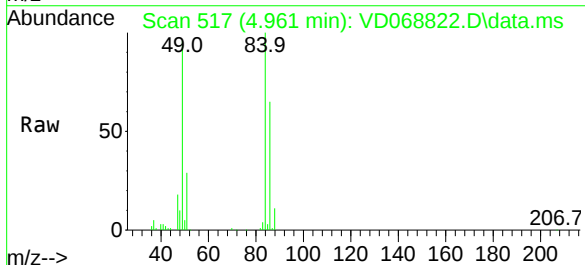
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 73 Resp: 416682  
Ion Ratio Lower Upper  
73 100  
57 18.4 17.3 25.9



#20  
Methylene Chloride  
Concen: 50.53 ug/l  
RT: 4.961 min Scan# 517  
Delta R.T. -0.012 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

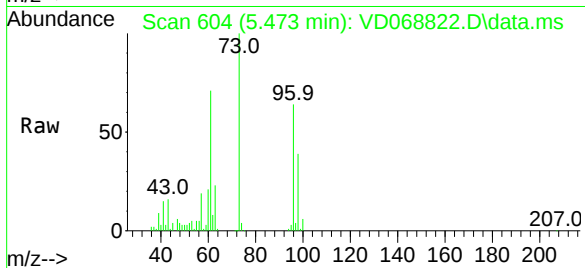
Tgt Ion: 84 Resp: 222675  
Ion Ratio Lower Upper  
84 100  
49 95.9 83.4 125.0  
51 29.2 23.4 35.2  
86 64.9 51.0 76.4



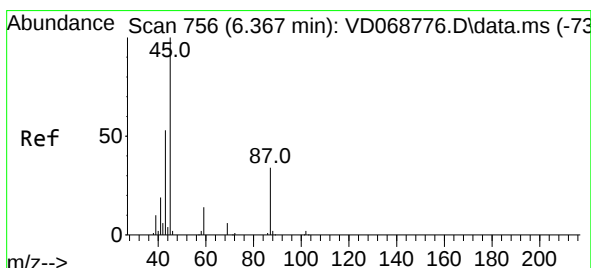
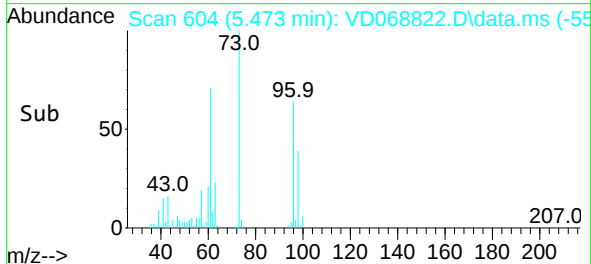
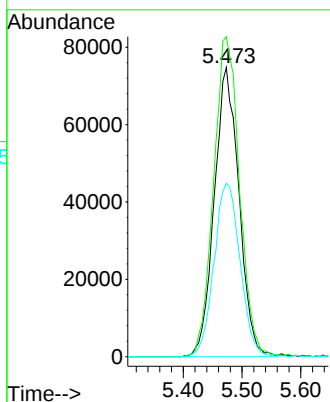


#21  
trans-1,2-Dichloroethene  
Concen: 45.57 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

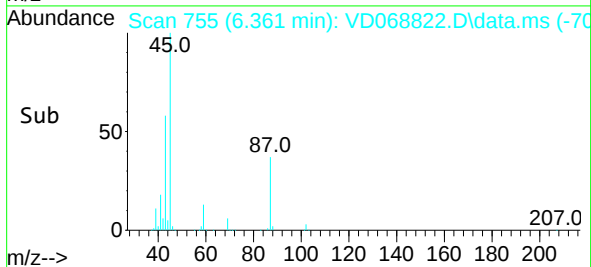
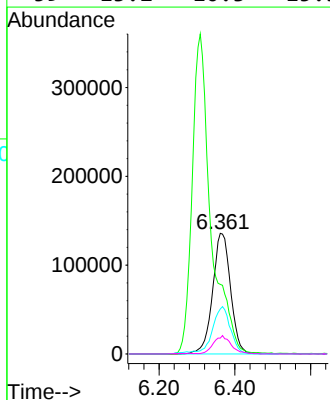
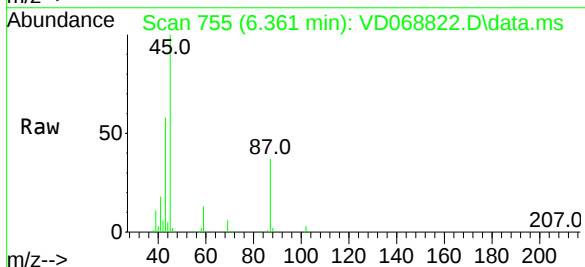


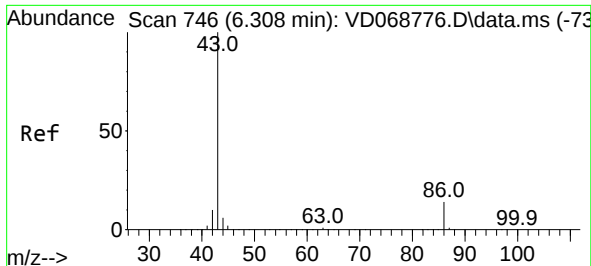
Tgt Ion: 96 Resp: 217971  
Ion Ratio Lower Upper  
96 100  
61 110.6 91.8 137.6  
98 60.0 49.3 73.9



#22  
Diisopropyl ether  
Concen: 44.11 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 45 Resp: 448625  
Ion Ratio Lower Upper  
45 100  
43 57.1 41.8 62.8  
87 37.2 29.2 43.8  
59 13.2 10.3 15.5



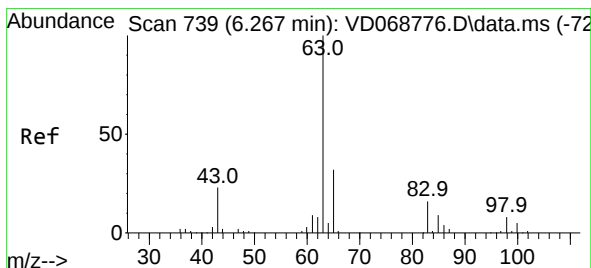
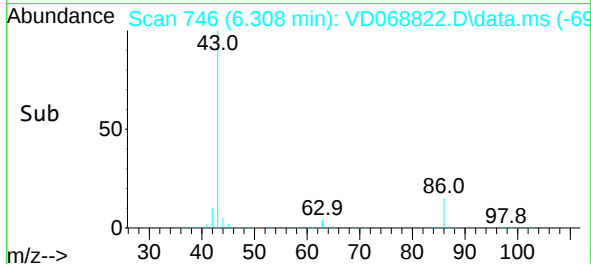
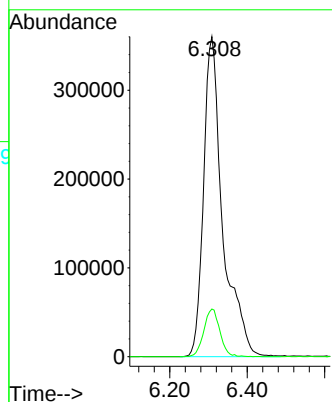
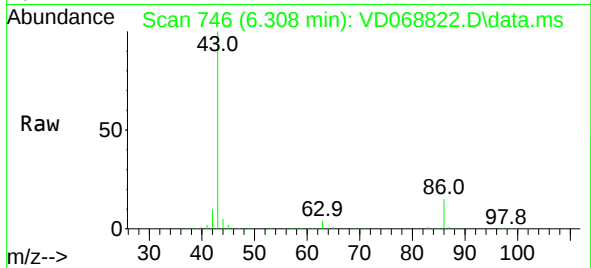


#23  
 Vinyl Acetate  
 Concen: 229.40 ug/l  
 RT: 6.308 min Scan# 746  
 Delta R.T. 0.000 min  
 Lab File: VD068822.D  
 Acq: 09 Apr 2021 20:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1236481  

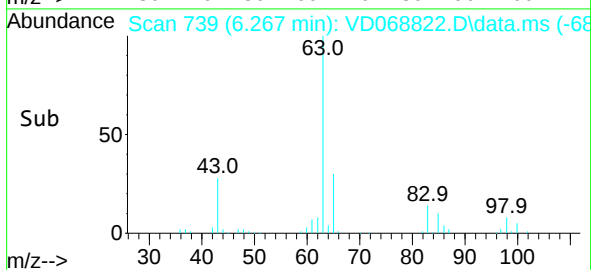
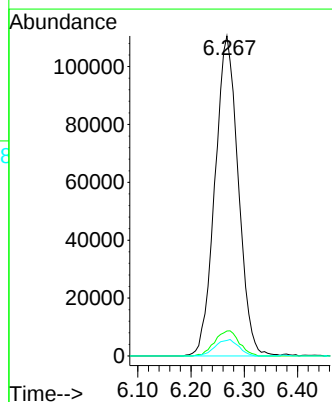
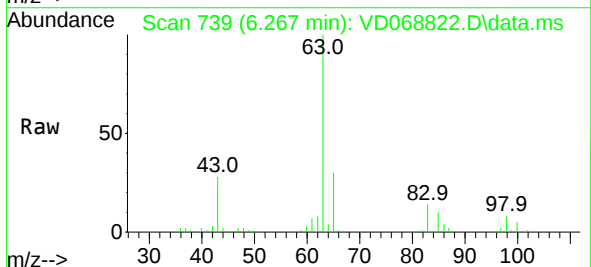
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 14.9  | 11.0  | 16.6  |

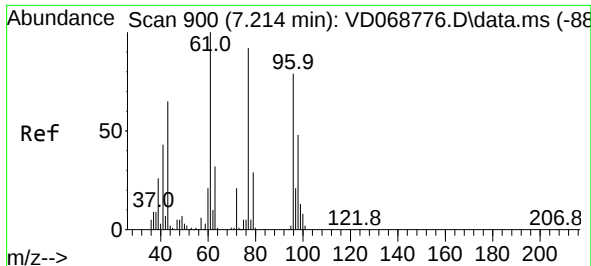


#24  
 1,1-Dichloroethane  
 Concen: 43.77 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. 0.000 min  
 Lab File: VD068822.D  
 Acq: 09 Apr 2021 20:04

Tgt Ion: 63 Resp: 335633  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.8   | 3.8   | 11.2  |
| 100 | 4.8   | 2.3   | 6.9   |

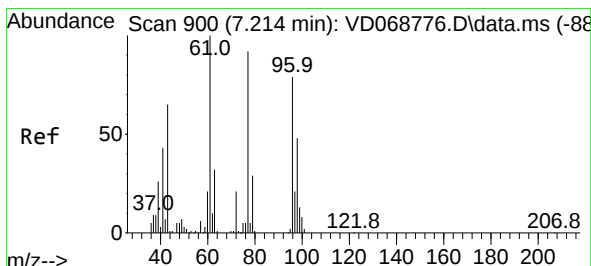
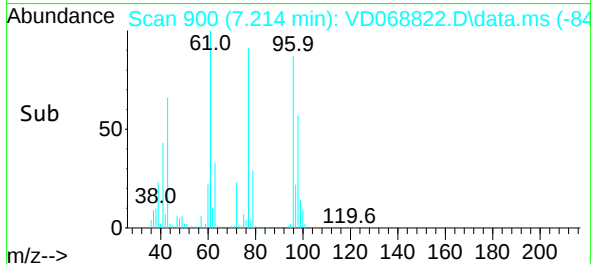
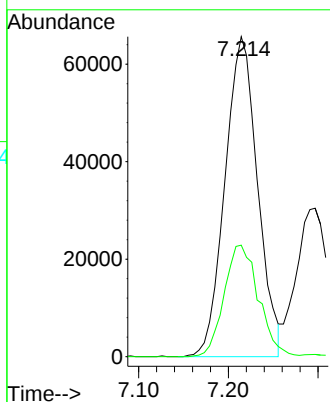
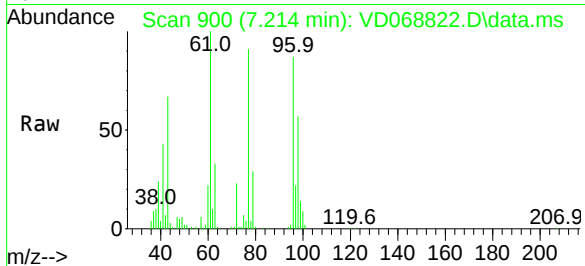




#25  
2-Butanone  
Concen: 214.92 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

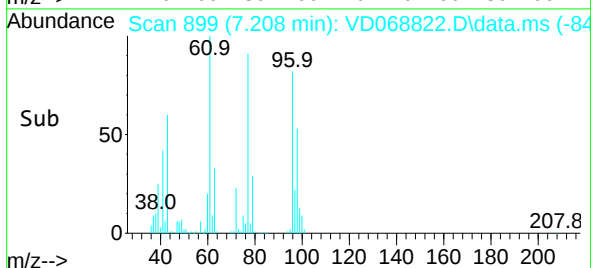
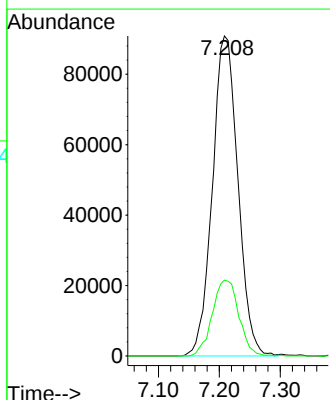
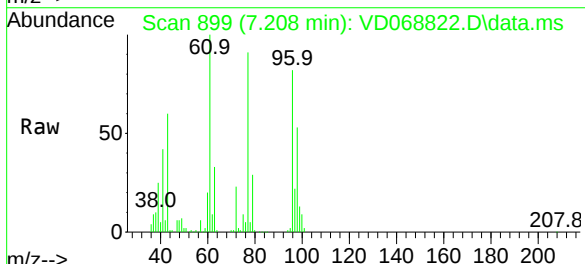
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

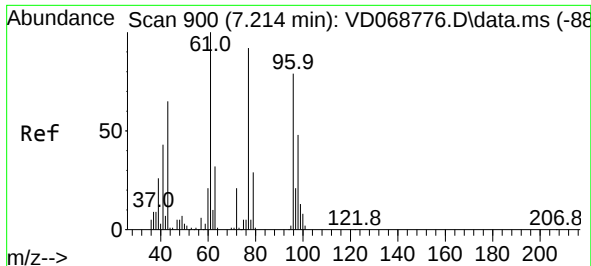
Tgt Ion: 43 Resp: 165623  
Ion Ratio Lower Upper  
43 100  
72 34.9 28.6 43.0



#26  
2,2-Dichloropropane  
Concen: 42.19 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 77 Resp: 264264  
Ion Ratio Lower Upper  
77 100  
97 24.6 12.0 36.1



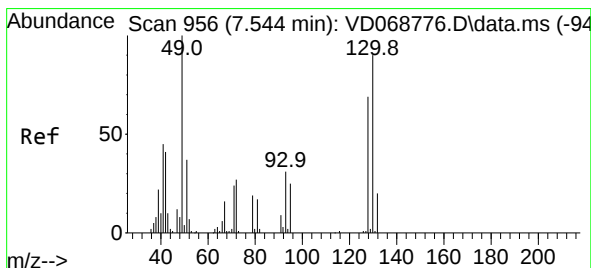
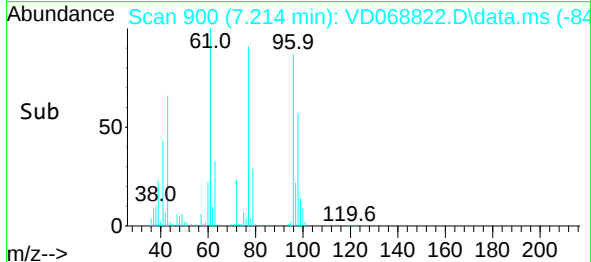
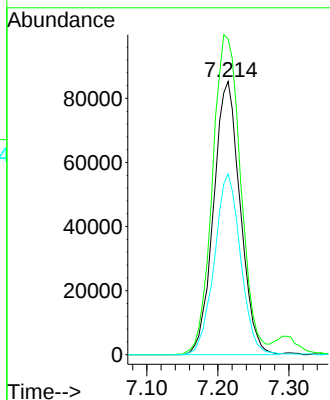
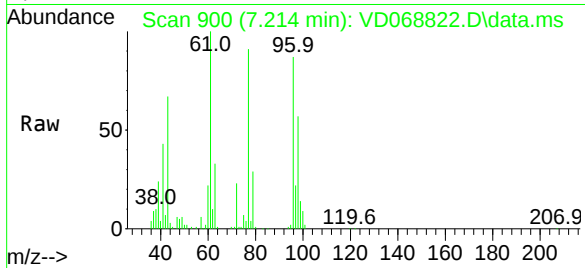


#27  
 cis-1,2-Dichloroethene  
 Concen: 46.73 ug/l  
 RT: 7.214 min Scan# 900  
 Delta R.T. 0.000 min  
 Lab File: VD068822.D  
 Acq: 09 Apr 2021 20:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 96 Resp: 222129  

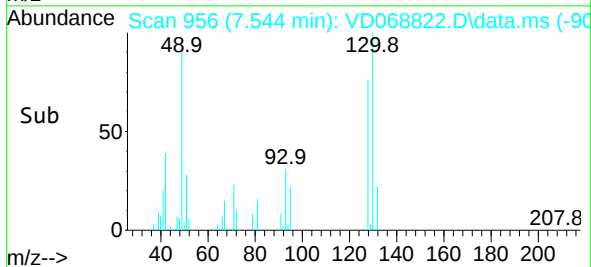
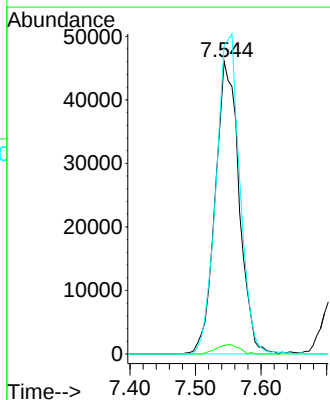
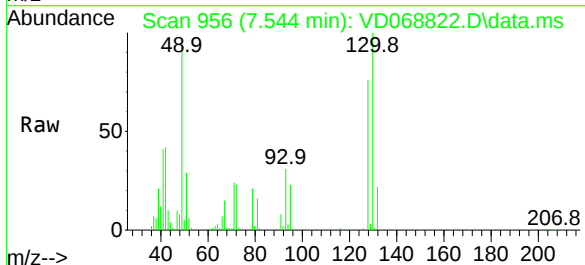
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 124.3 | 0.0   | 258.8 |
| 98  | 65.2  | 0.0   | 128.4 |

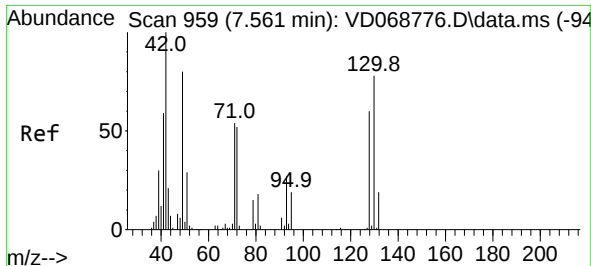


#28  
 Bromochloromethane  
 Concen: 42.17 ug/l  
 RT: 7.544 min Scan# 956  
 Delta R.T. -0.000 min  
 Lab File: VD068822.D  
 Acq: 09 Apr 2021 20:04

Tgt Ion: 49 Resp: 116708  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 3.1   | 0.0   | 5.2   |
| 130 | 108.3 | 74.6  | 112.0 |





#29

Tetrahydrofuran

Concen: 211.66 ug/l

RT: 7.561 min Scan# 959

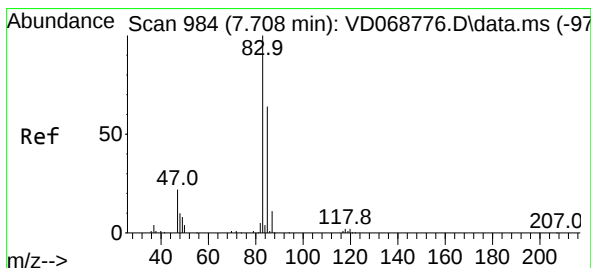
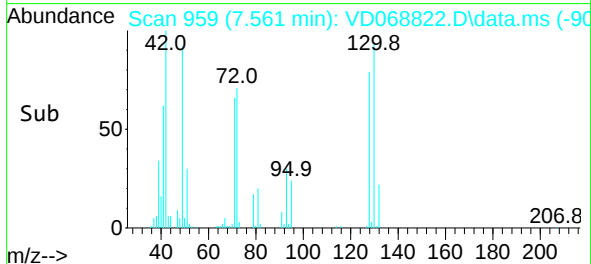
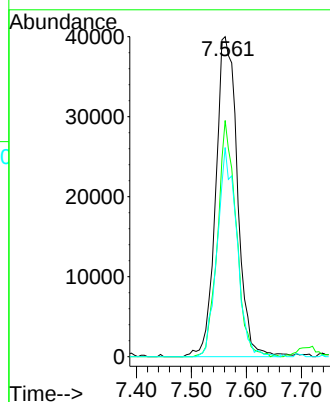
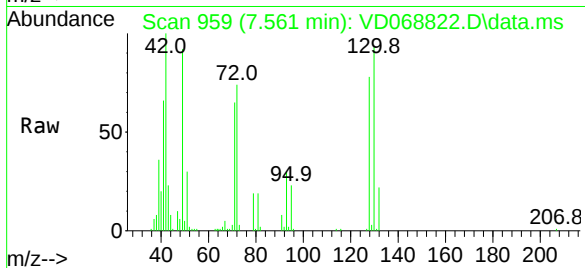
Delta R.T. 0.000 min

Lab File: VD068822.D

Acq: 09 Apr 2021 20:04

Tgt Ion: 42 Resp: 109696

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 63.2  | 45.2  | 67.8  |
| 71  | 58.8  | 40.8  | 61.2  |



#30

Chloroform

Concen: 41.69 ug/l

RT: 7.714 min Scan# 985

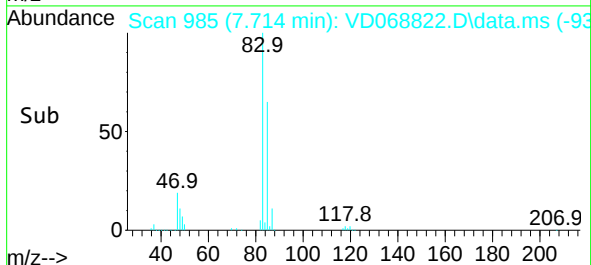
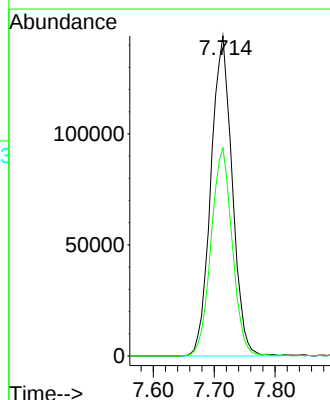
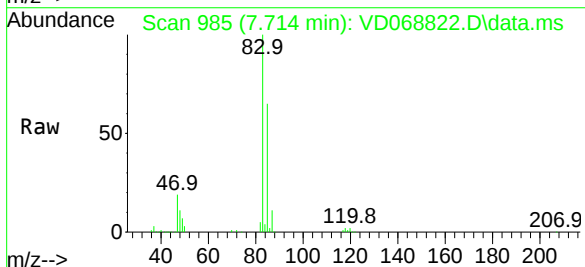
Delta R.T. 0.006 min

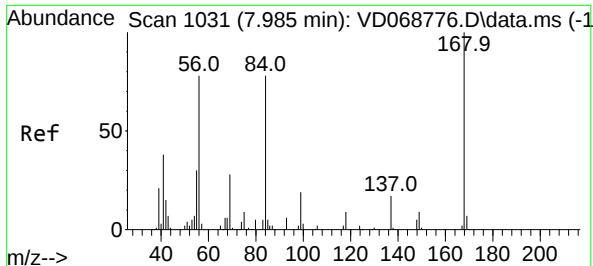
Lab File: VD068822.D

Acq: 09 Apr 2021 20:04

Tgt Ion: 83 Resp: 349898

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.0  | 53.3  | 79.9  |

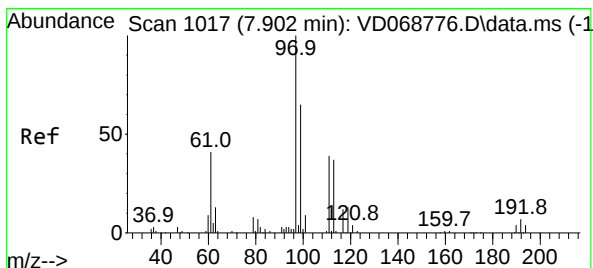
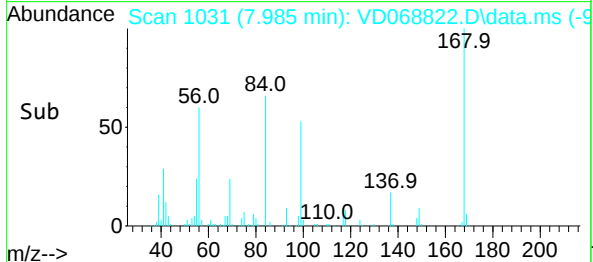
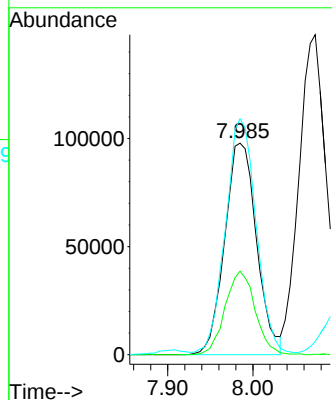
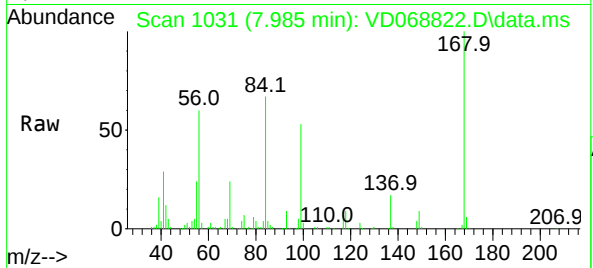




#31  
Cyclohexane  
Concen: 38.98 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

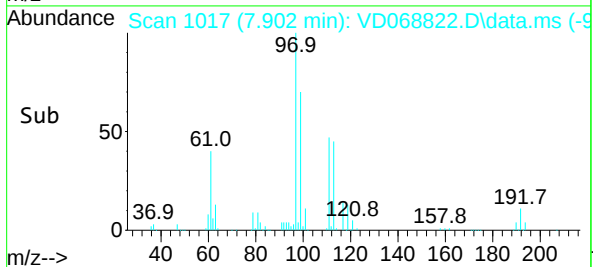
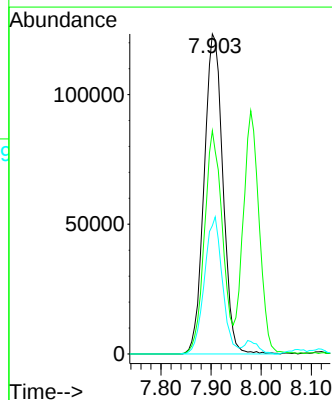
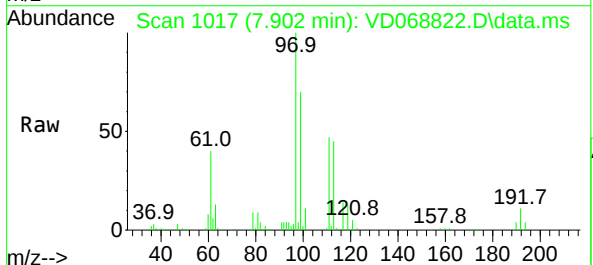
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

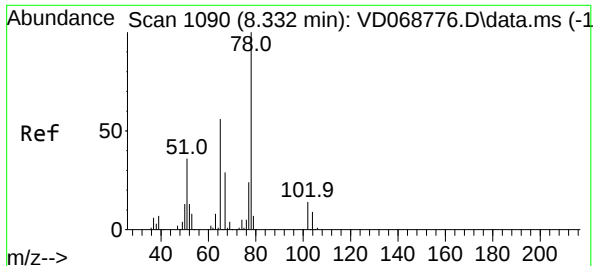
Tgt Ion: 56 Resp: 255060  
Ion Ratio Lower Upper  
56 100  
69 39.5 30.0 45.0  
84 109.8 82.0 123.0



#32  
1,1,1-Trichloroethane  
Concen: 43.75 ug/l  
RT: 7.902 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 97 Resp: 320892  
Ion Ratio Lower Upper  
97 100  
99 66.6 50.8 76.2  
61 41.0 33.7 50.5

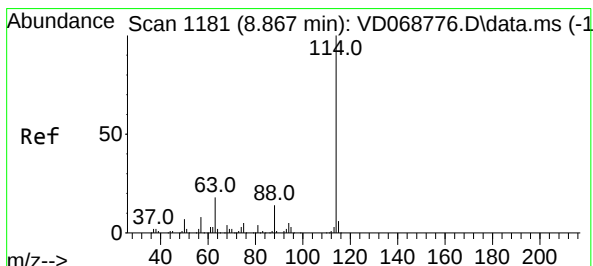
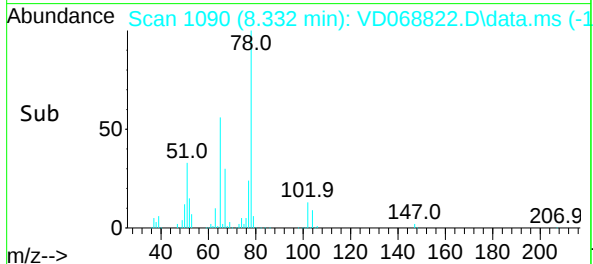
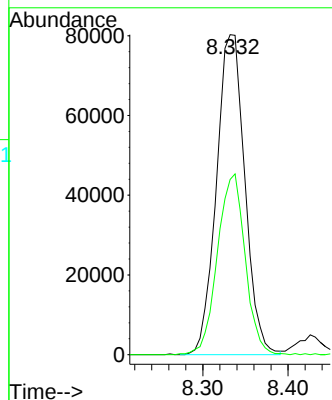
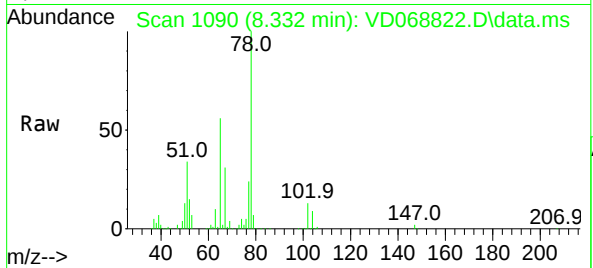




#33  
1,2-Dichloroethane-d4  
Concen: 47.33 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

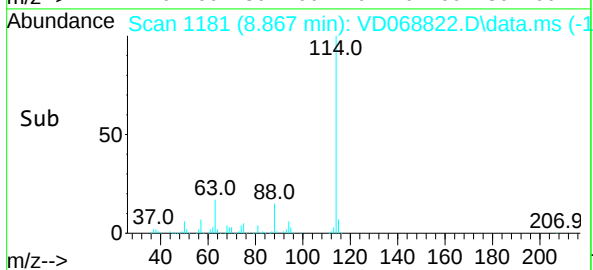
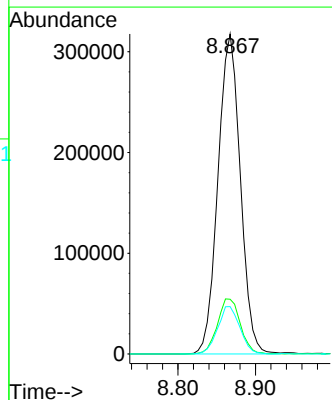
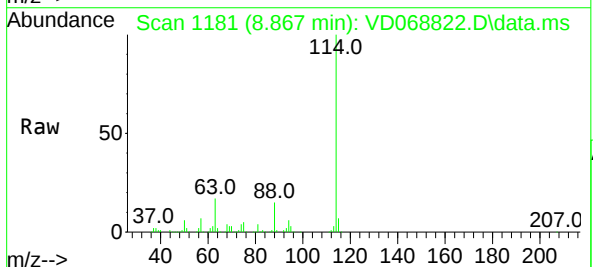
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

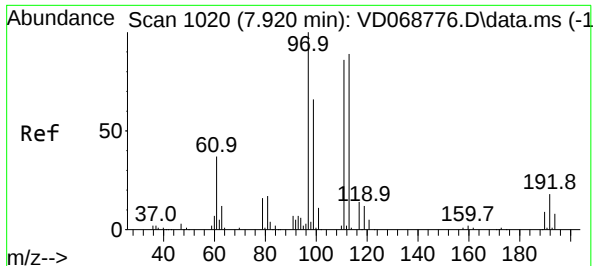
Tgt Ion: 65 Resp: 186150  
Ion Ratio Lower Upper  
65 100  
67 55.0 0.0 106.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 114 Resp: 636576  
Ion Ratio Lower Upper  
114 100  
63 17.1 0.0 38.2  
88 14.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.41 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068822.D

Acq: 09 Apr 2021 20:04

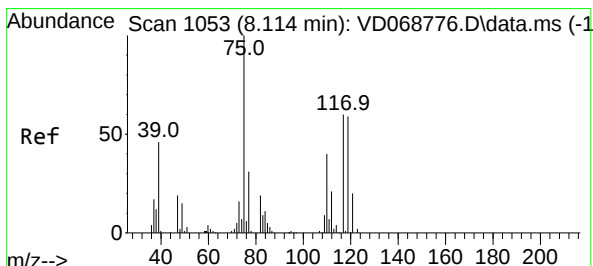
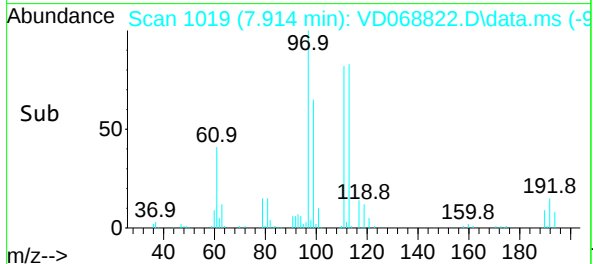
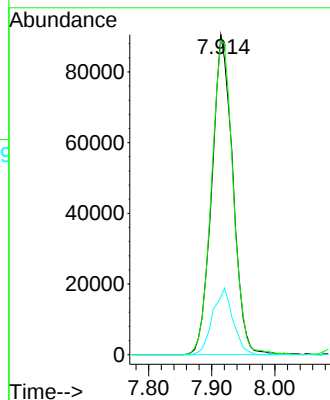
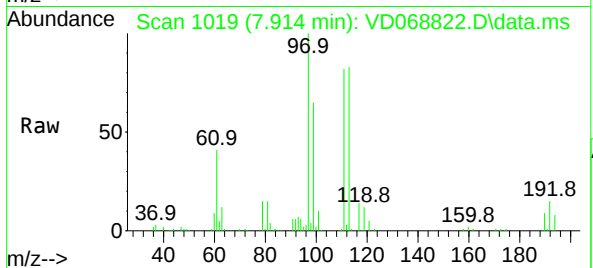
Tgt Ion:113 Resp: 208745

Ion Ratio Lower Upper

113 100

111 101.7 82.5 123.7

192 20.2 15.1 22.7



#36

1,1-Dichloropropene

Concen: 42.48 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VD068822.D

Acq: 09 Apr 2021 20:04

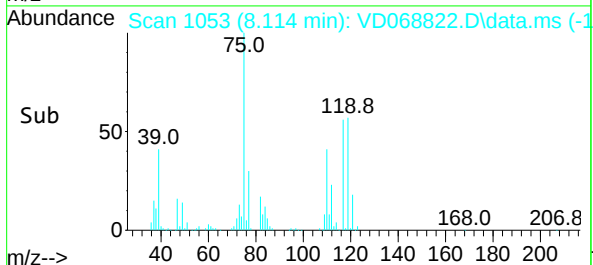
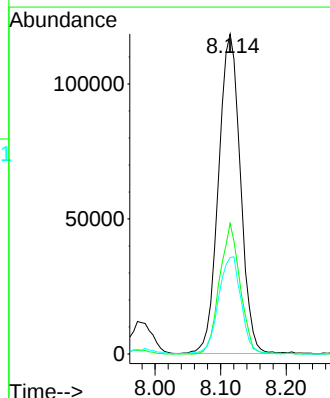
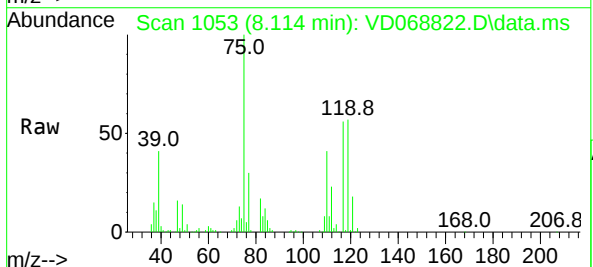
Tgt Ion: 75 Resp: 273707

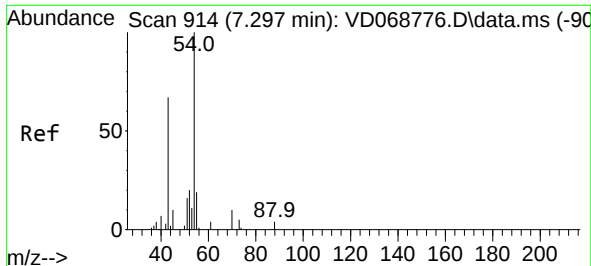
Ion Ratio Lower Upper

75 100

110 38.2 18.1 54.4

77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 42.57 ug/l

RT: 7.297 min Scan# 914

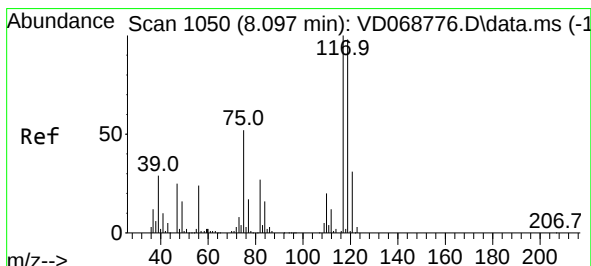
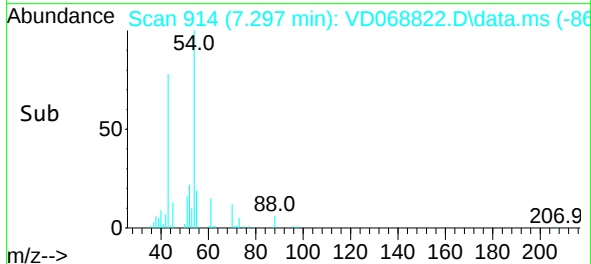
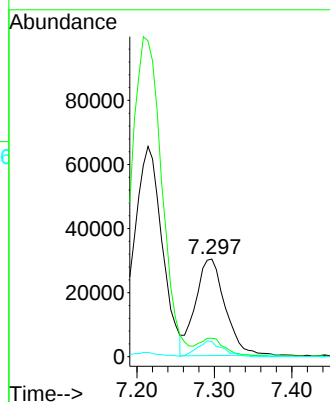
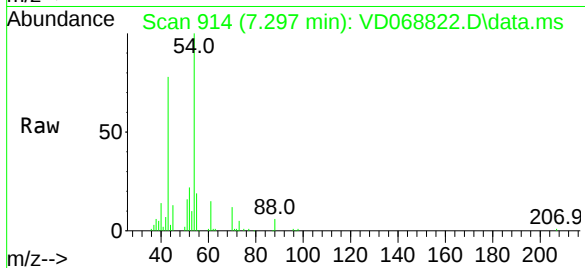
Delta R.T. -0.000 min

Lab File: VD068822.D

Acq: 09 Apr 2021 20:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 80564 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 17.0  | 14.2  | 21.4  |
| 70       | 13.8  | 9.4   | 14.0  |



#38

Carbon Tetrachloride

Concen: 43.88 ug/l

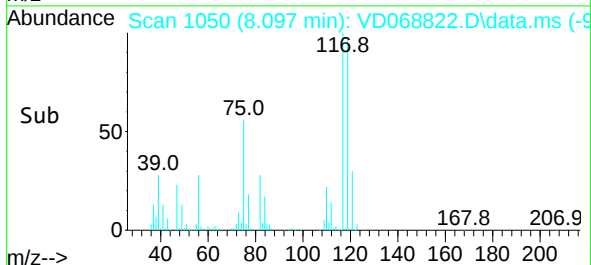
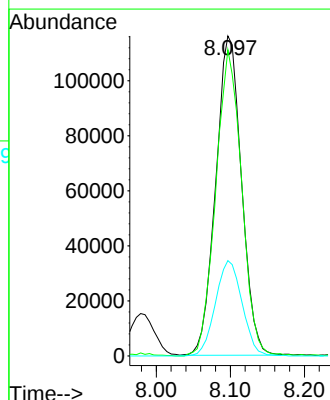
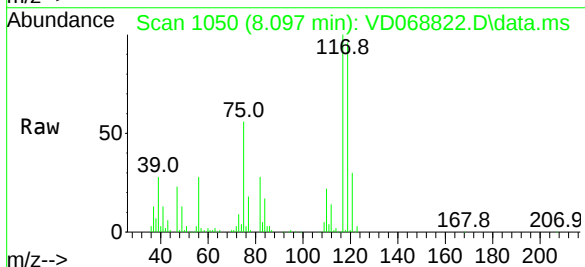
RT: 8.097 min Scan# 1050

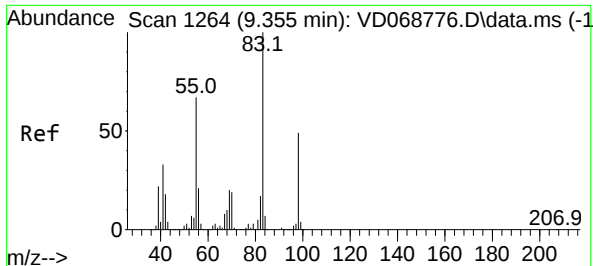
Delta R.T. -0.000 min

Lab File: VD068822.D

Acq: 09 Apr 2021 20:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 279957 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.0  | 76.6  | 115.0  |
| 121      | 29.9  | 26.1  | 39.1   |





#39

Methylcyclohexane

Concen: 44.16 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068822.D

Acq: 09 Apr 2021 20:04

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050EC

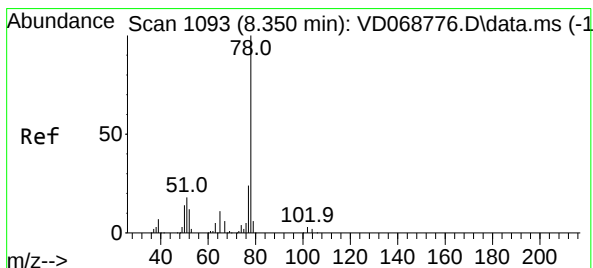
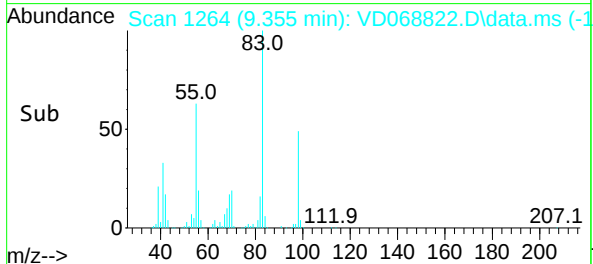
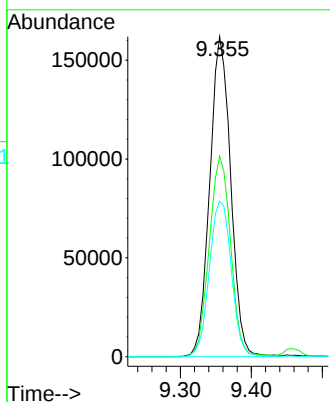
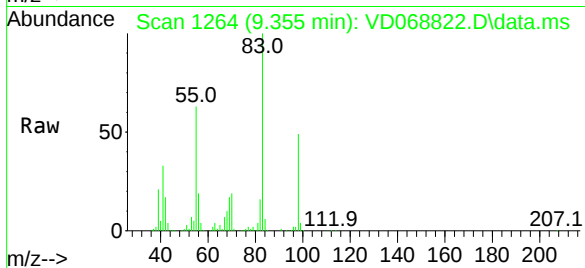
Tgt Ion: 83 Resp: 331822

Ion Ratio Lower Upper

83 100

55 62.6 51.7 77.5

98 48.6 38.8 58.2



#40

Benzene

Concen: 43.84 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD068822.D

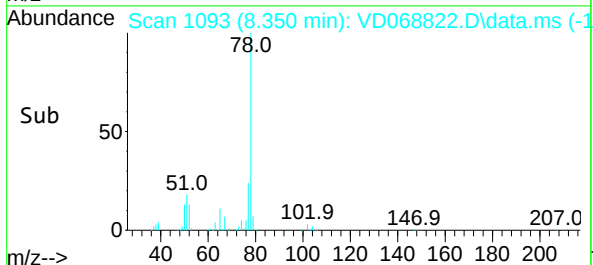
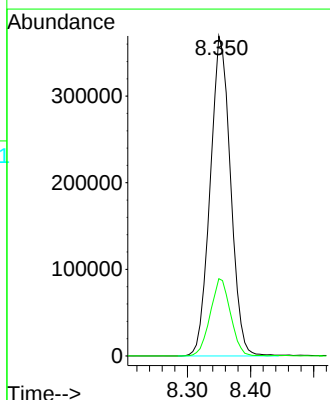
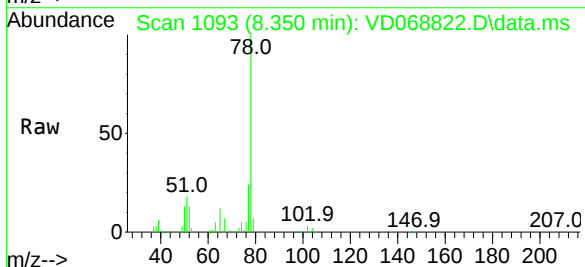
Acq: 09 Apr 2021 20:04

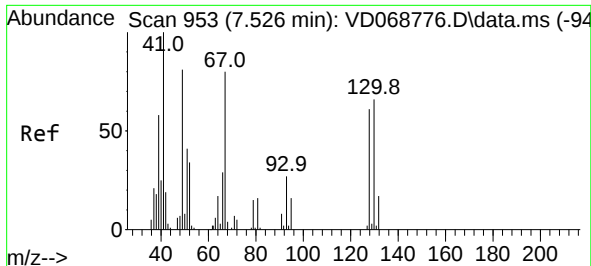
Tgt Ion: 78 Resp: 826643

Ion Ratio Lower Upper

78 100

77 24.1 18.2 27.2

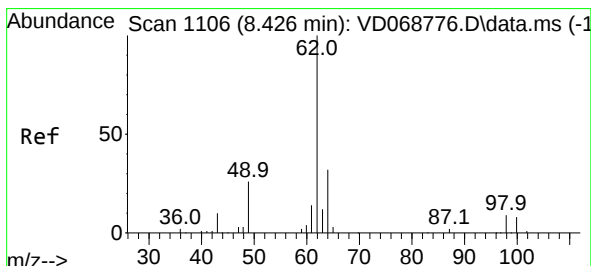
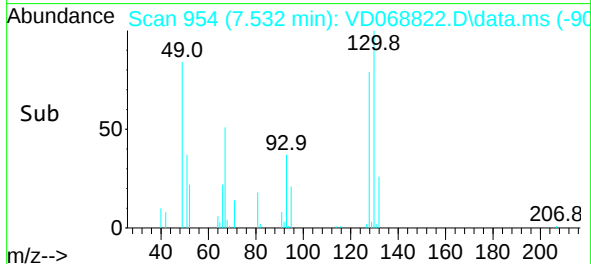
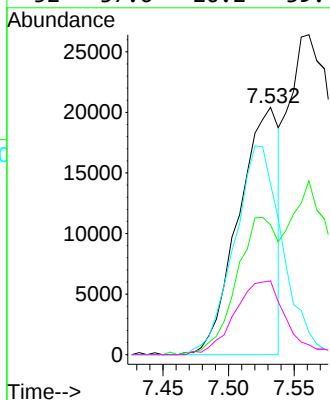
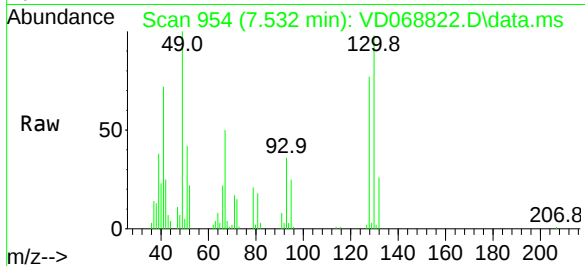




#41  
Methacrylonitrile  
Concen: 39.15 ug/l  
RT: 7.532 min Scan# 954  
Delta R.T. 0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

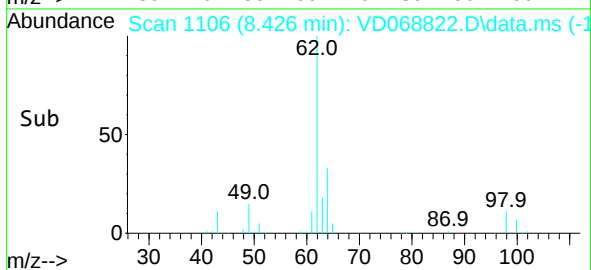
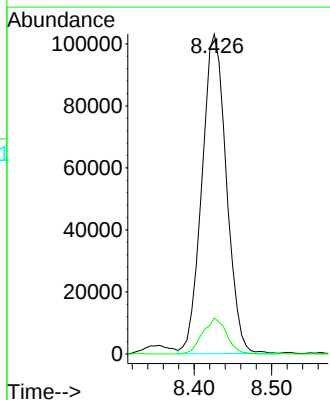
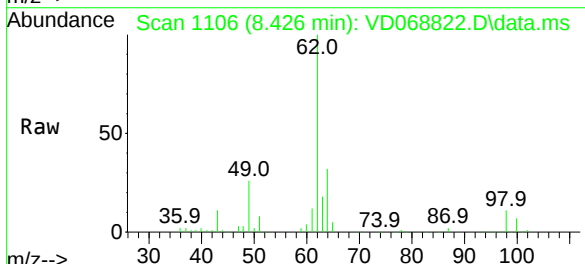
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

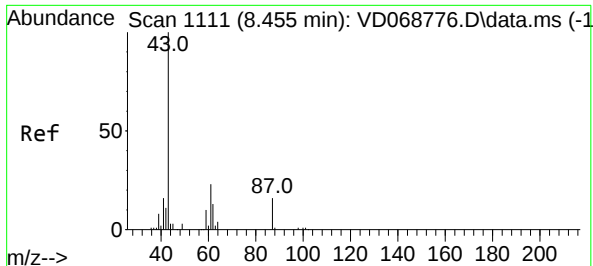
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 43868 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.2  | 43.2  | 64.8  |
| 67       | 100.4 | 63.9  | 95.9# |
| 52       | 37.6  | 26.2  | 39.4  |



#42  
1,2-Dichloroethane  
Concen: 45.30 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 225805 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 11.0  | 0.0   | 22.6   |



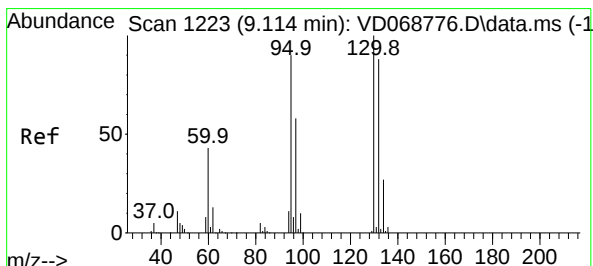
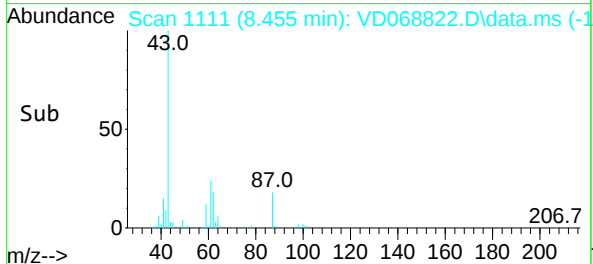
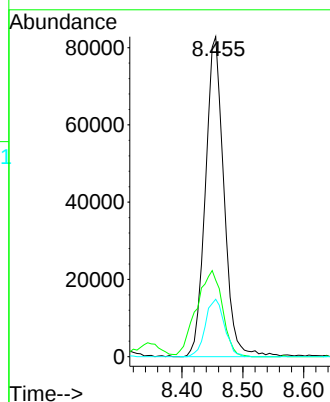
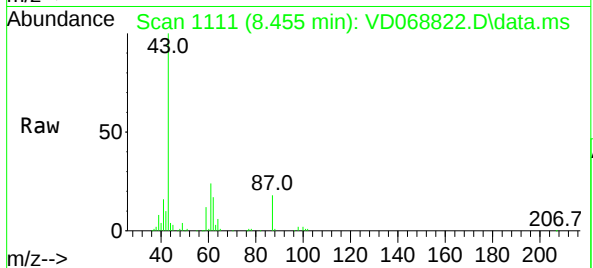


#43

Isopropyl Acetate  
 Concen: 45.32 ug/l  
 RT: 8.455 min Scan# 1111  
 Delta R.T. 0.000 min  
 Lab File: VD068822.D  
 Acq: 09 Apr 2021 20:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

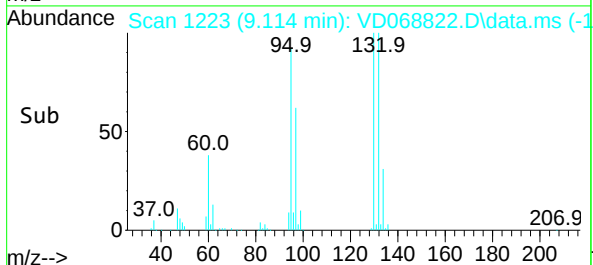
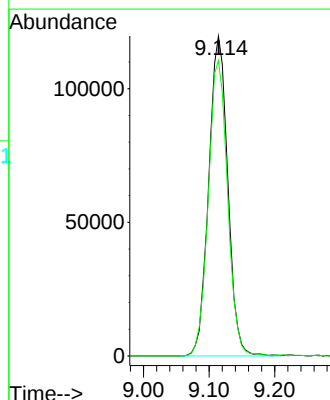
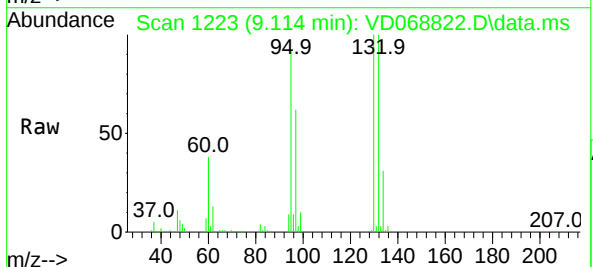
Tgt Ion: 43 Resp: 174866  
 Ion Ratio Lower Upper  
 43 100  
 61 37.8 29.5 44.3  
 87 18.6 13.5 20.3

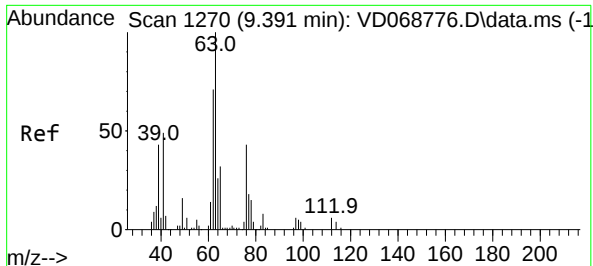


#44

Trichloroethene  
 Concen: 46.43 ug/l  
 RT: 9.114 min Scan# 1223  
 Delta R.T. 0.000 min  
 Lab File: VD068822.D  
 Acq: 09 Apr 2021 20:04

Tgt Ion:130 Resp: 241815  
 Ion Ratio Lower Upper  
 130 100  
 95 92.3 0.0 203.8





#45

1,2-Dichloropropane

Concen: 43.62 ug/l

RT: 9.391 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VD068822.D

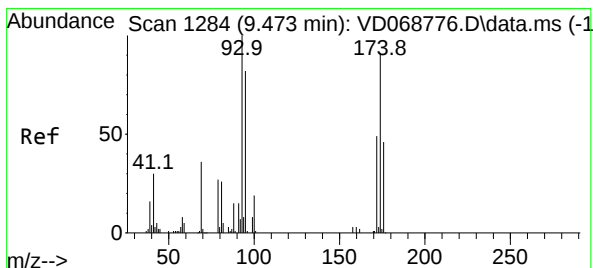
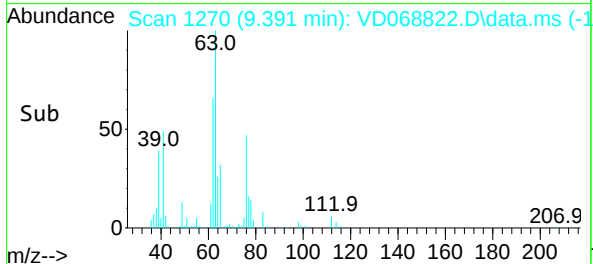
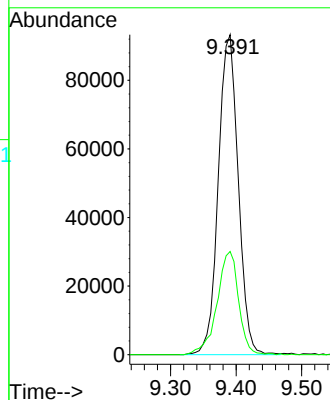
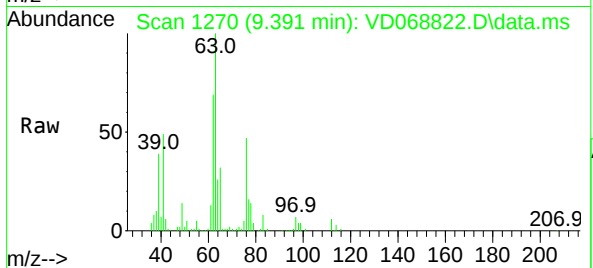
Acq: 09 Apr 2021 20:04

Tgt Ion: 63 Resp: 196428

Ion Ratio Lower Upper

63 100

65 32.3 27.0 40.4



#46

Dibromomethane

Concen: 45.93 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD068822.D

Acq: 09 Apr 2021 20:04

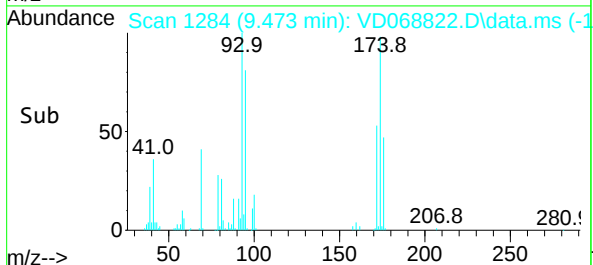
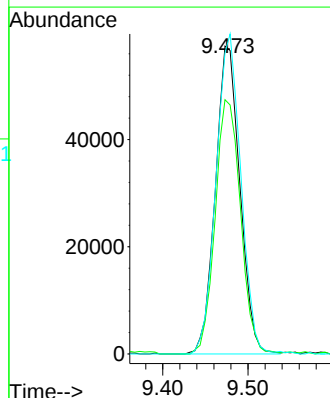
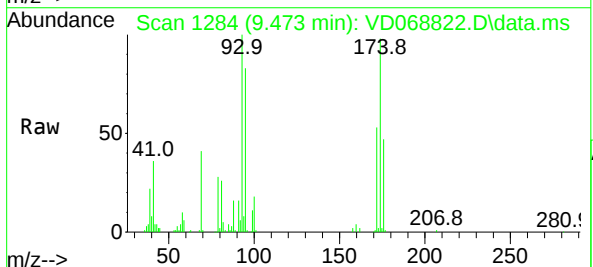
Tgt Ion: 93 Resp: 115227

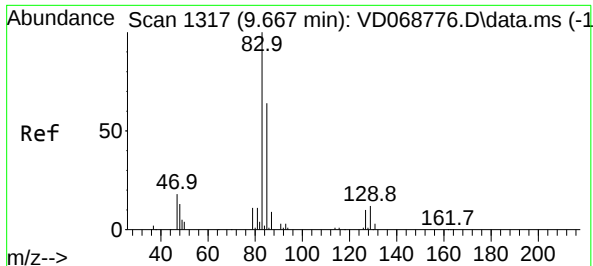
Ion Ratio Lower Upper

93 100

95 85.1 64.5 96.7

174 104.4 75.3 112.9





#47

Bromodichloromethane

Concen: 46.21 ug/l

RT: 9.661 min Scan# 1316

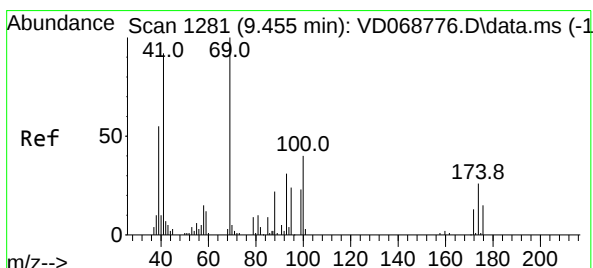
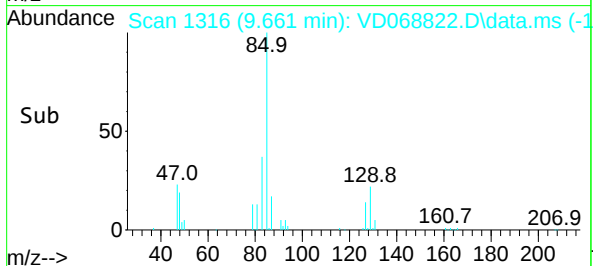
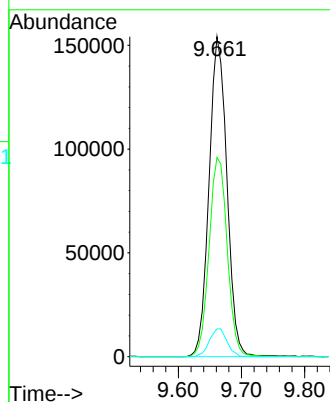
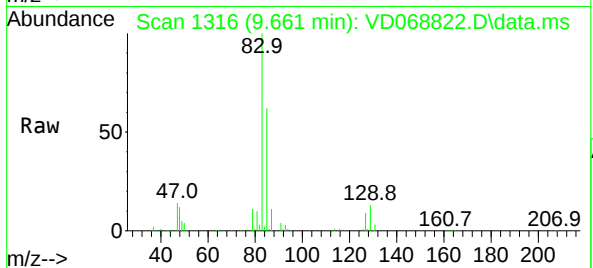
Delta R.T. -0.006 min

Lab File: VD068822.D

Acq: 09 Apr 2021 20:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 302897 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.2  | 51.0  | 76.6   |
| 127      | 8.7   | 7.1   | 10.7   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



#48

Methyl methacrylate

Concen: 48.02 ug/l

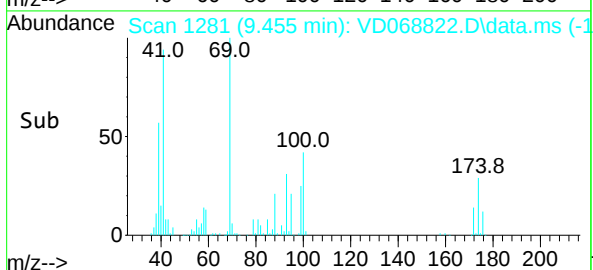
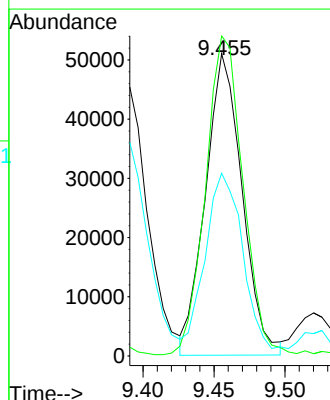
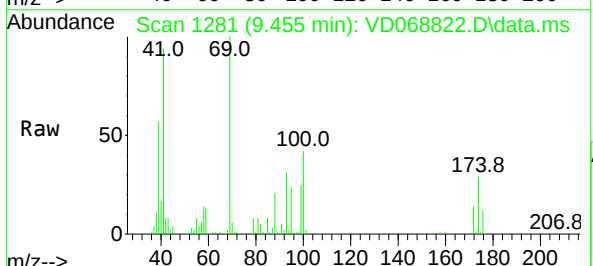
RT: 9.455 min Scan# 1281

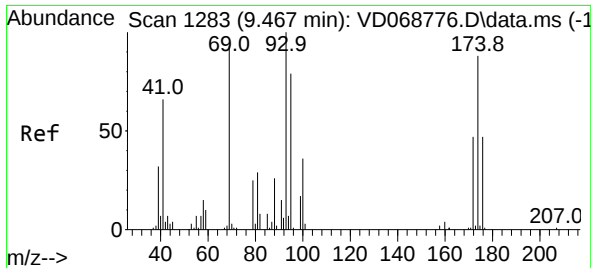
Delta R.T. 0.000 min

Lab File: VD068822.D

Acq: 09 Apr 2021 20:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 91301 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 107.6 | 83.0  | 124.6 |
| 39       | 57.9  | 47.0  | 70.6  |





#49

1,4-Dioxane

Concen: 1017.07 ug/l

RT: 9.461 min Scan# 1282

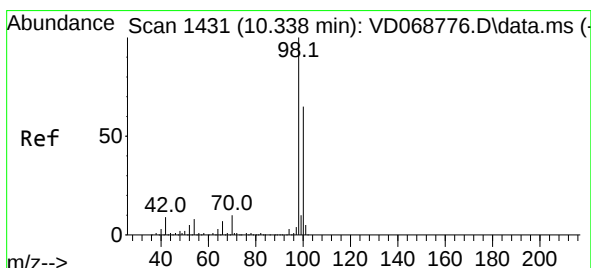
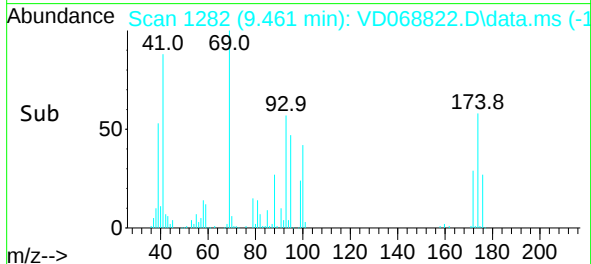
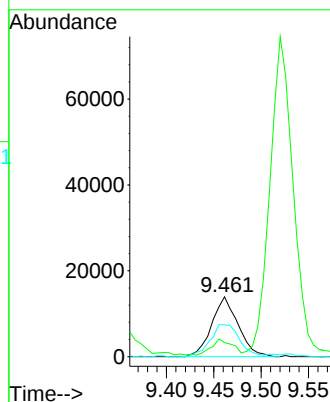
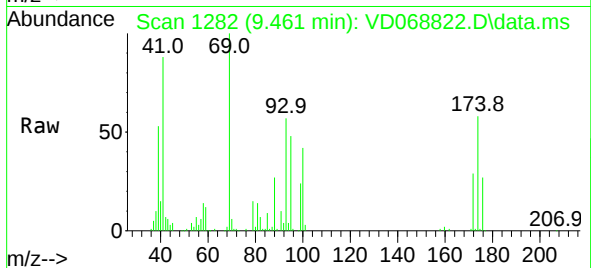
Delta R.T. -0.006 min

Lab File: VD068822.D

Acq: 09 Apr 2021 20:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 27015 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 23.0  | 25.8  | 38.8# |
| 58       | 59.4  | 54.0  | 81.0  |



#50

Toluene-d8

Concen: 49.17 ug/l

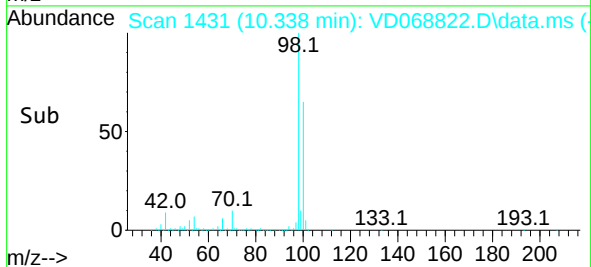
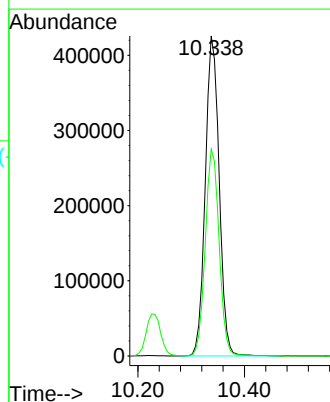
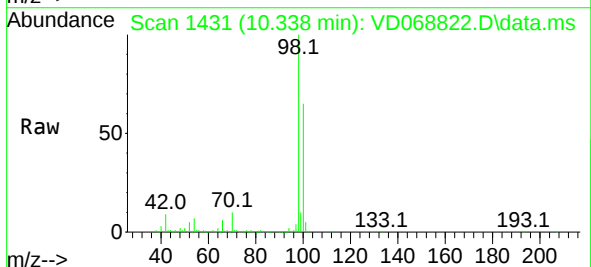
RT: 10.338 min Scan# 1431

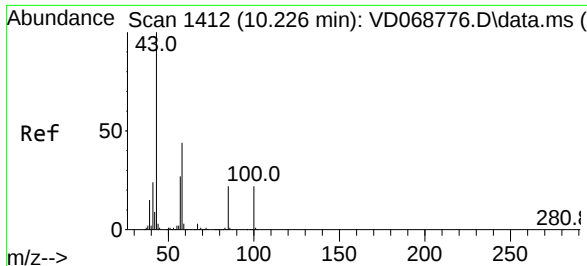
Delta R.T. -0.000 min

Lab File: VD068822.D

Acq: 09 Apr 2021 20:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 767952 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.9  | 51.8  | 77.6   |

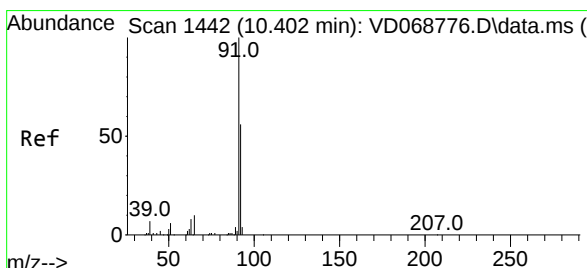
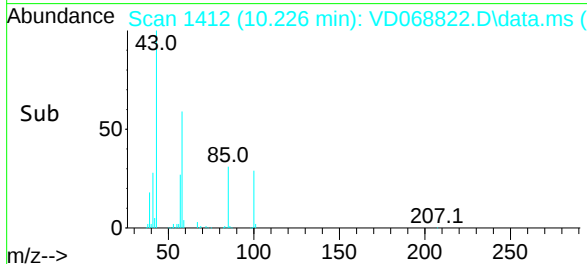
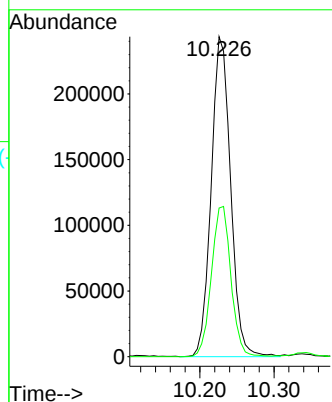
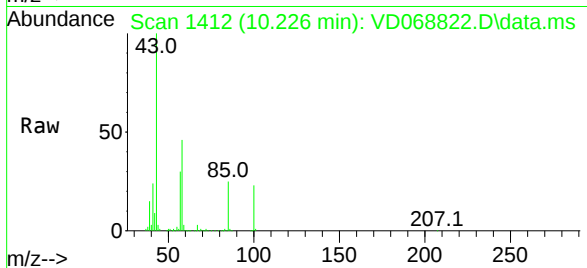




#51  
4-Methyl-2-Pentanone  
Concen: 227.81 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

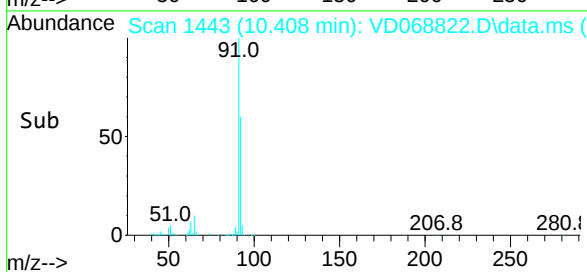
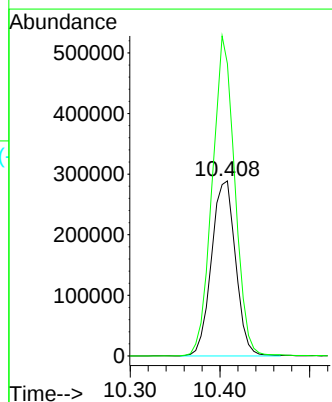
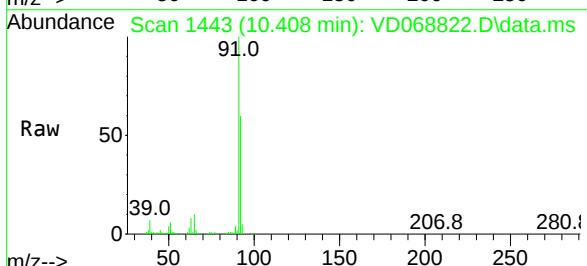
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

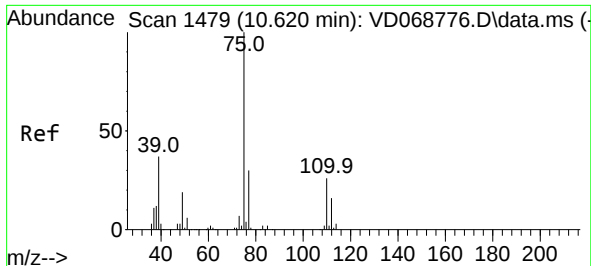
Tgt Ion: 43 Resp: 443001  
Ion Ratio Lower Upper  
43 100  
58 47.2 37.3 55.9



#52  
Toluene  
Concen: 45.10 ug/l  
RT: 10.408 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 92 Resp: 538435  
Ion Ratio Lower Upper  
92 100  
91 171.3 139.1 208.7

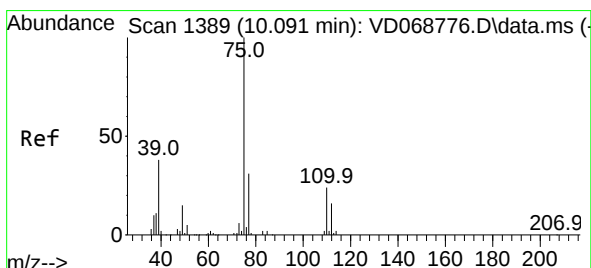
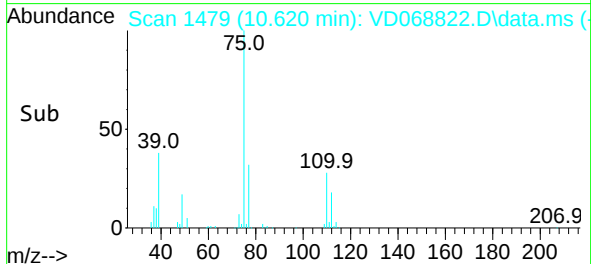
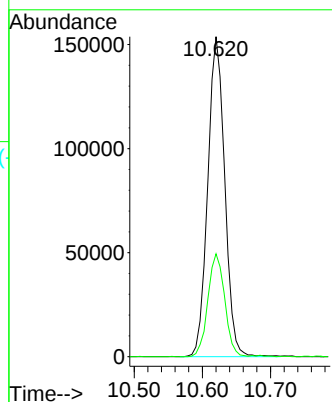
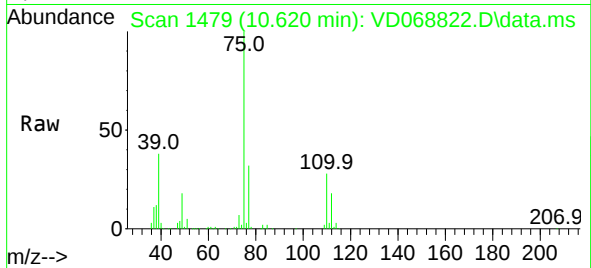




#53  
t-1,3-Dichloropropene  
Concen: 45.95 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

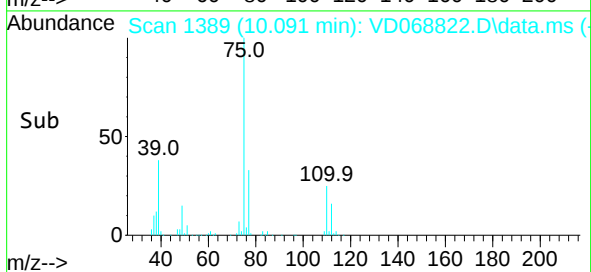
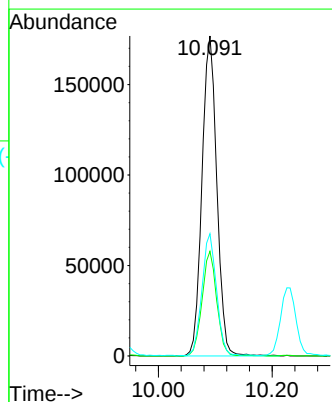
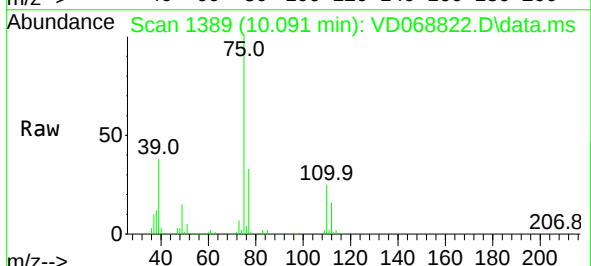
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

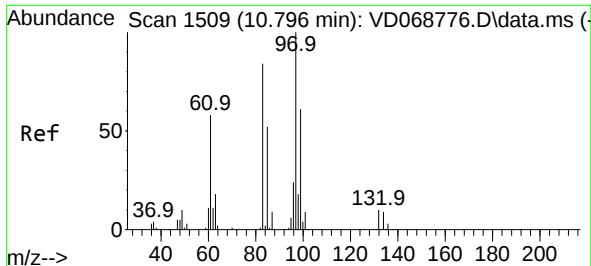
Tgt Ion: 75 Resp: 266963  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 46.04 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 75 Resp: 319911  
Ion Ratio Lower Upper  
75 100  
77 32.7 24.7 37.1  
39 38.1 30.2 45.2

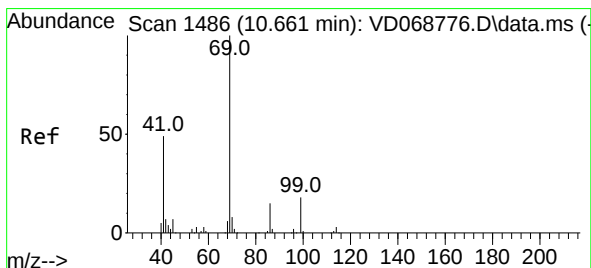
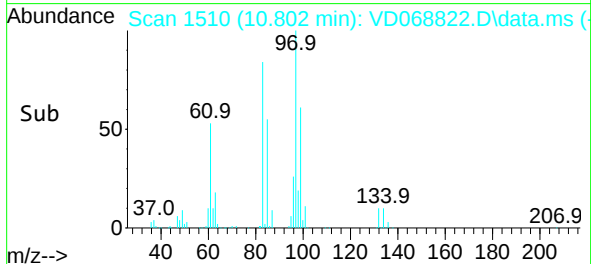
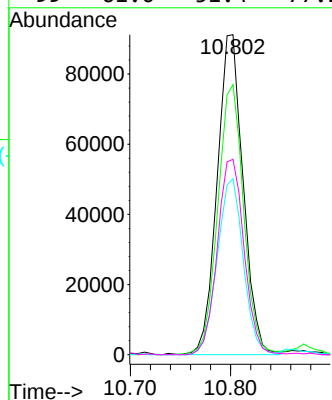
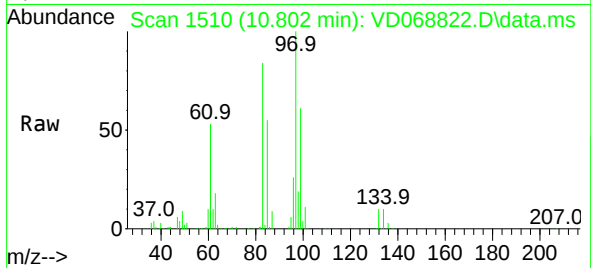




#55  
1,1,2-Trichloroethane  
Concen: 46.36 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. 0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

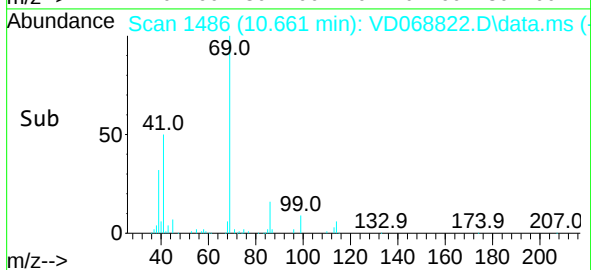
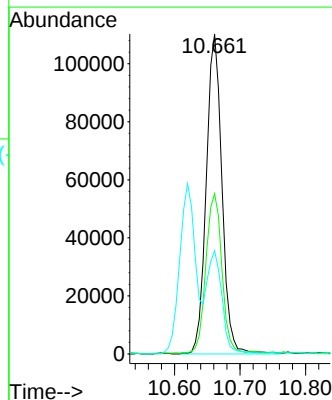
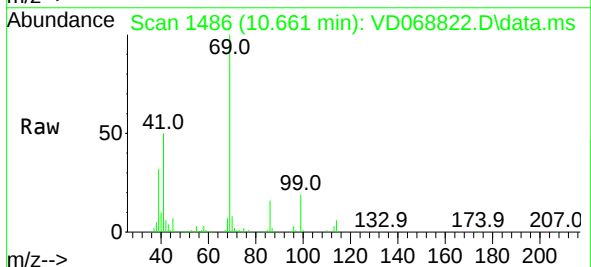
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

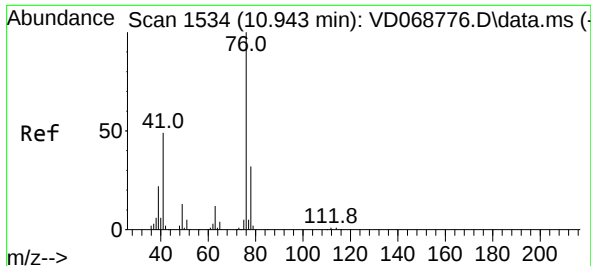
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 164450 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.1  | 65.7  | 98.5   |
| 85       | 55.0  | 44.3  | 66.5   |
| 99       | 61.0  | 51.4  | 77.2   |



#56  
Ethyl methacrylate  
Concen: 50.34 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 183807 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 51.7  | 42.2  | 63.4   |
| 39       | 29.5  | 24.2  | 36.2   |

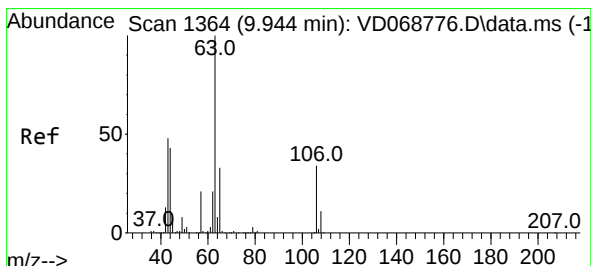
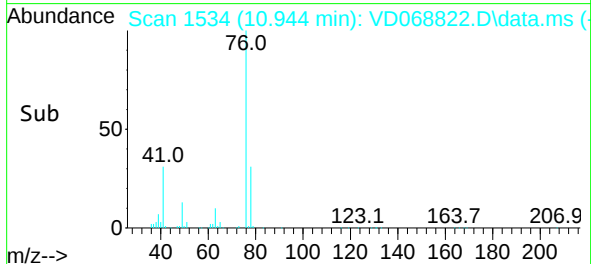
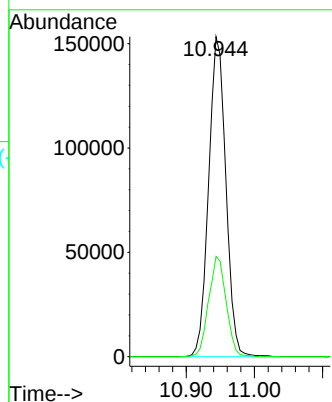
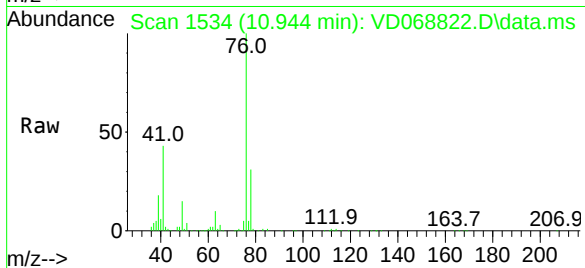




#57  
1,3-Dichloropropane  
Concen: 46.16 ug/l  
RT: 10.944 min Scan# 1534  
Delta R.T. 0.001 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

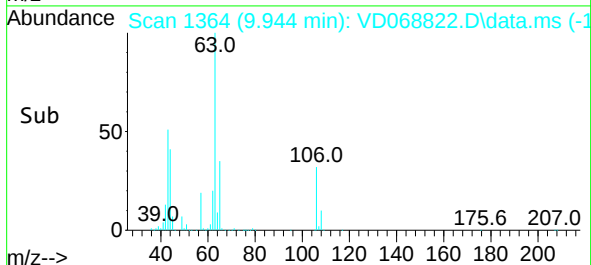
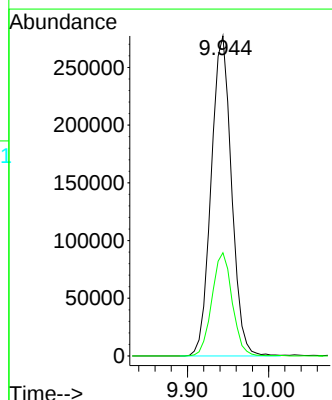
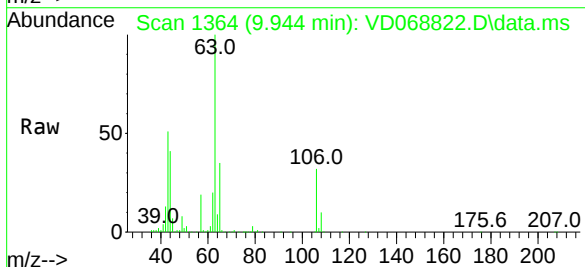
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

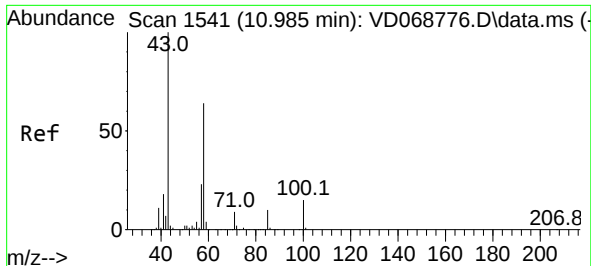
Tgt Ion: 76 Resp: 269623  
Ion Ratio Lower Upper  
76 100  
78 31.9 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 248.55 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 63 Resp: 482997  
Ion Ratio Lower Upper  
63 100  
106 32.1 24.6 36.8

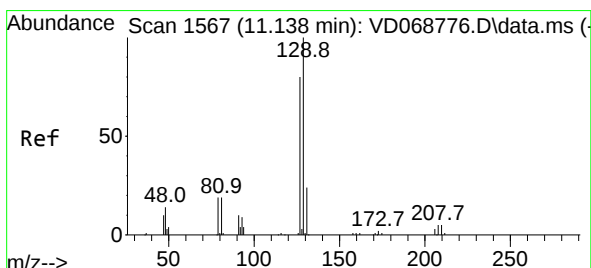
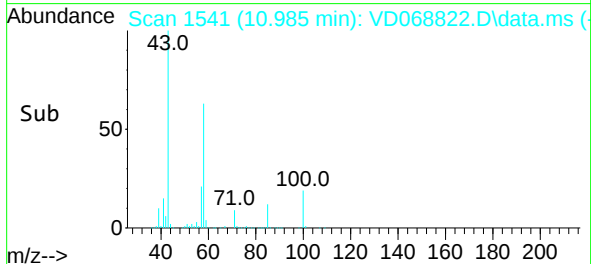
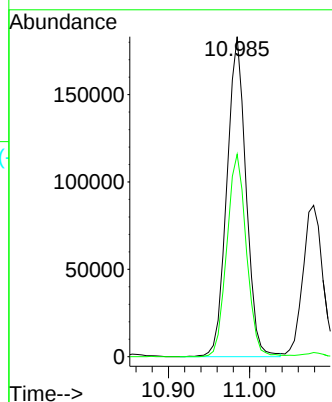
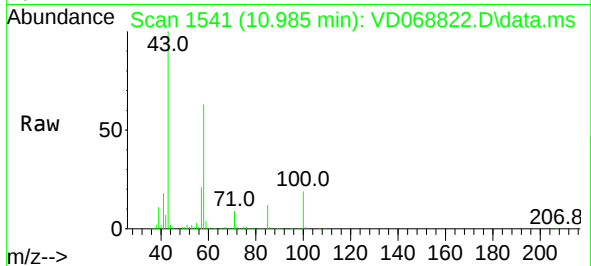




#59  
2-Hexanone  
Concen: 230.97 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

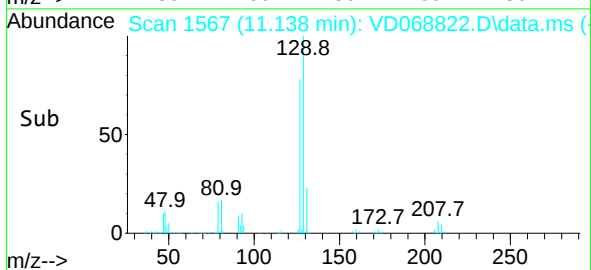
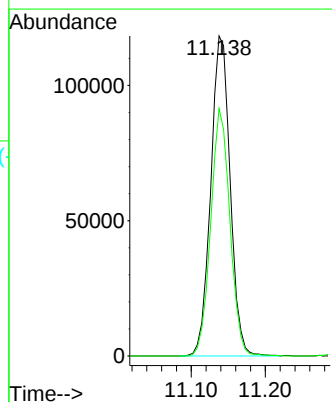
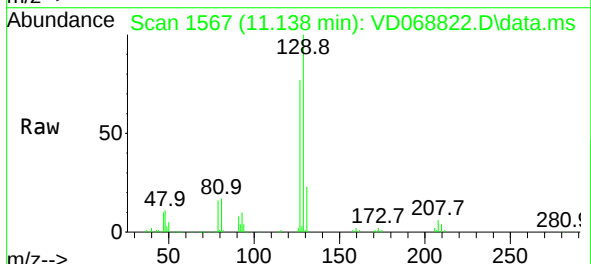
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

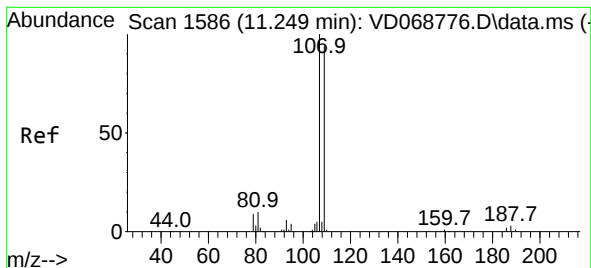
Tgt Ion: 43 Resp: 300535  
Ion Ratio Lower Upper  
43 100  
58 64.5 31.3 93.8



#60  
Dibromochloromethane  
Concen: 48.28 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 129 Resp: 214756  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.8 116.3

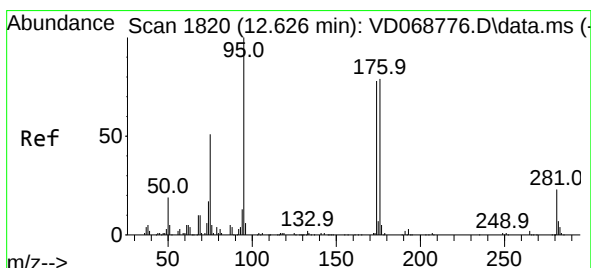
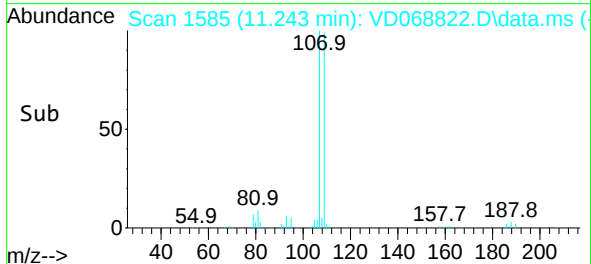
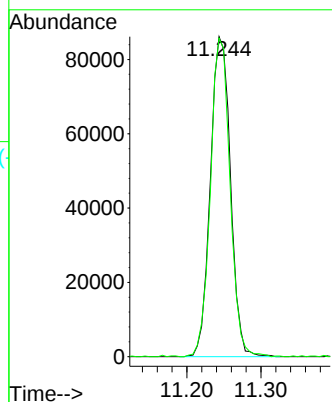
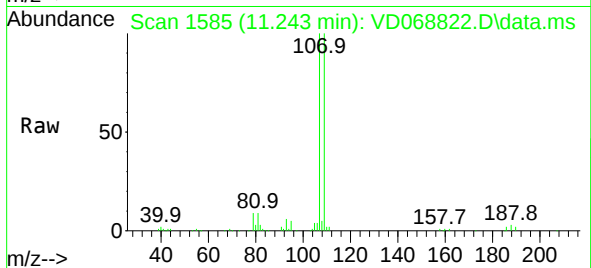




#61  
1,2-Dibromoethane  
Concen: 47.01 ug/l  
RT: 11.243 min Scan# 1585  
Delta R.T. -0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

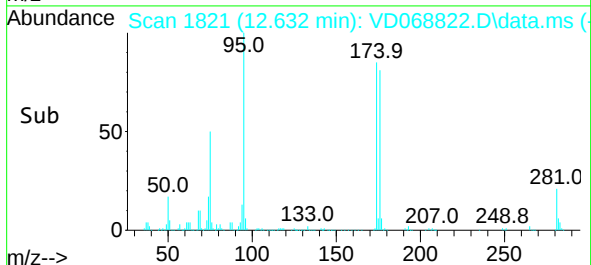
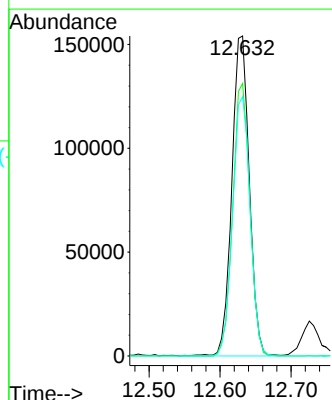
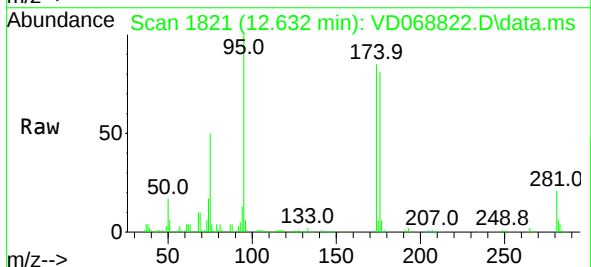
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

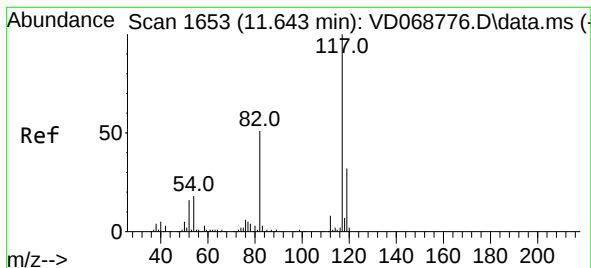
Tgt Ion:107 Resp: 162072  
Ion Ratio Lower Upper  
107 100  
109 97.3 74.9 112.3



#62  
4-Bromofluorobenzene  
Concen: 50.80 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 95 Resp: 263520  
Ion Ratio Lower Upper  
95 100  
174 83.7 0.0 168.0  
176 81.3 0.0 160.2

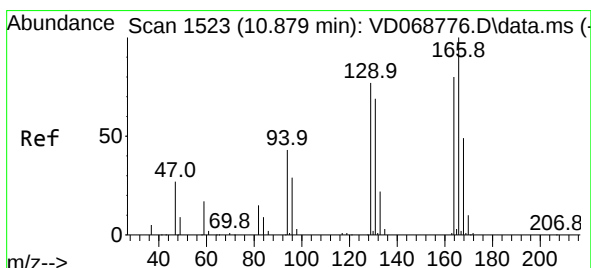
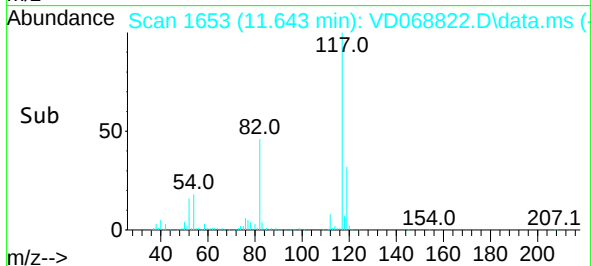
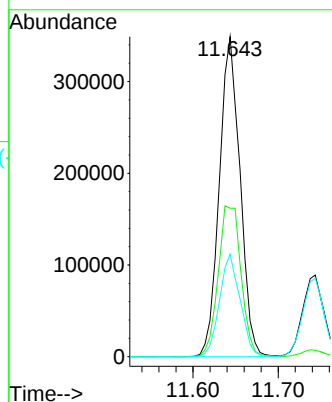
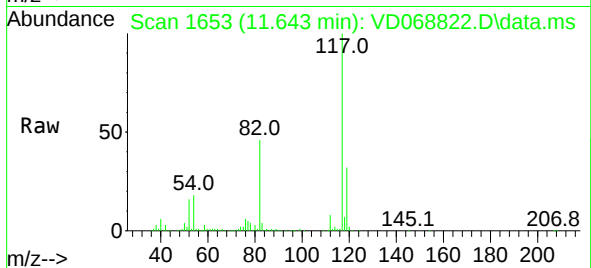




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.643 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

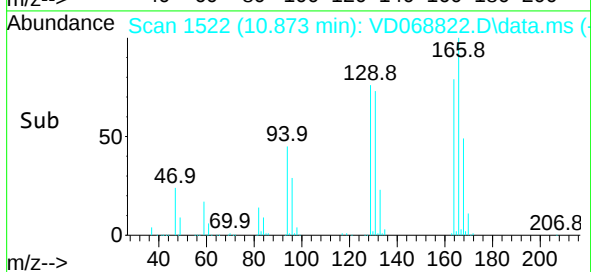
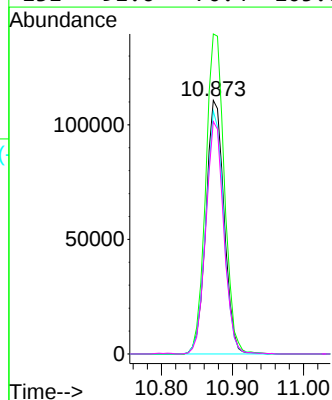
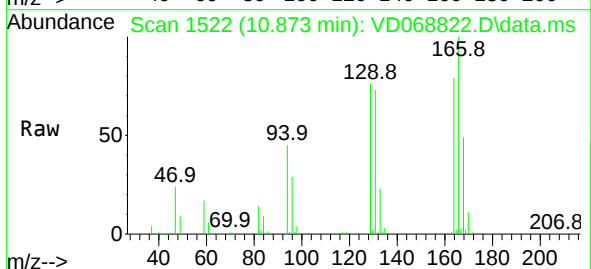
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

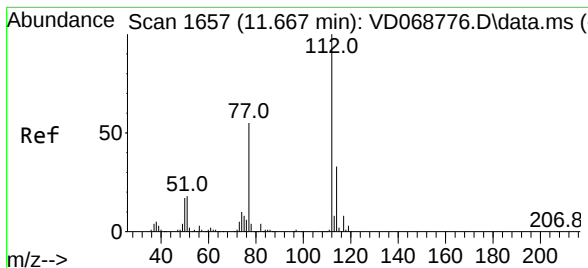
Tgt Ion:117 Resp: 590603  
Ion Ratio Lower Upper  
117 100  
82 46.4 43.5 65.3  
119 32.0 26.7 40.1



#64  
Tetrachloroethene  
Concen: 47.49 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion:164 Resp: 196620  
Ion Ratio Lower Upper  
164 100  
166 126.2 103.0 154.6  
129 95.8 77.4 116.0  
131 91.6 70.4 105.6

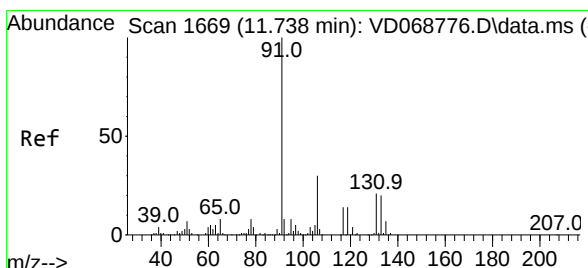
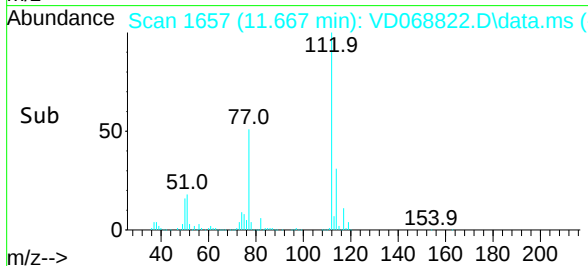
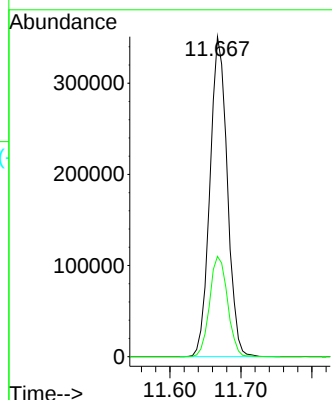
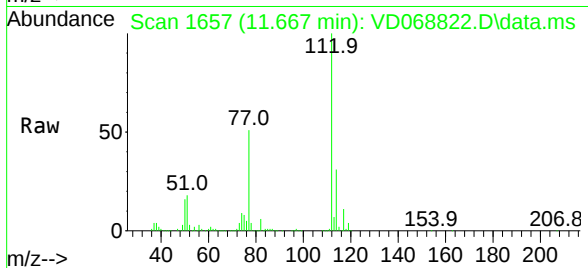




#65  
Chlorobenzene  
Concen: 46.59 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

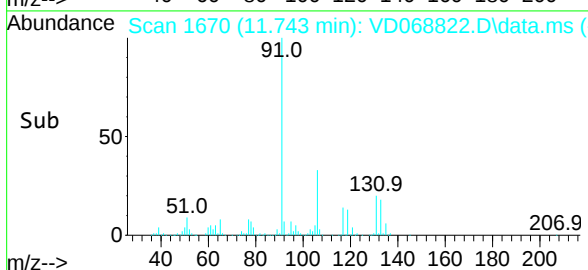
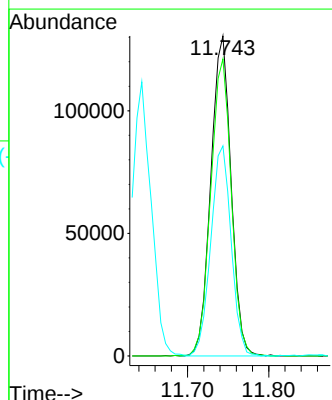
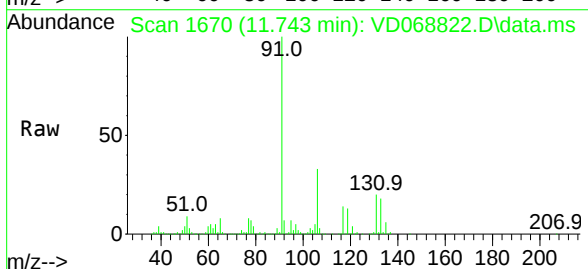
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

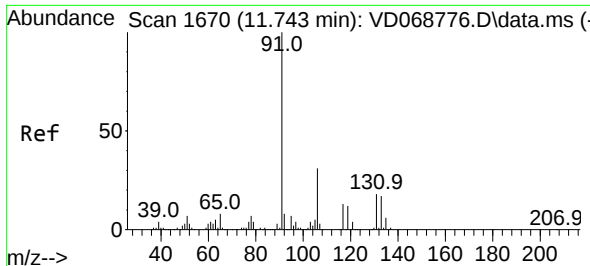
Tgt Ion:112 Resp: 595664  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.07 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. 0.005 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion:131 Resp: 225558  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.0 141.2  
119 66.1 32.8 98.3

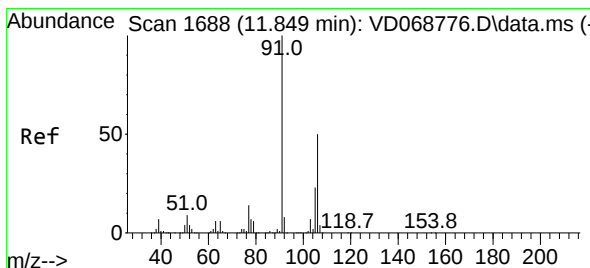
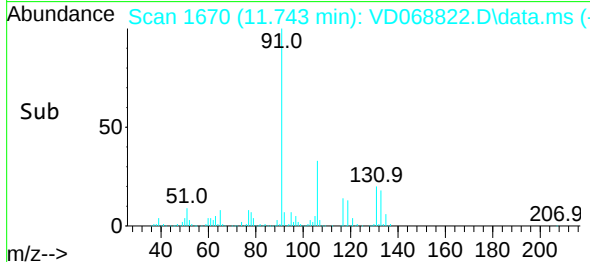
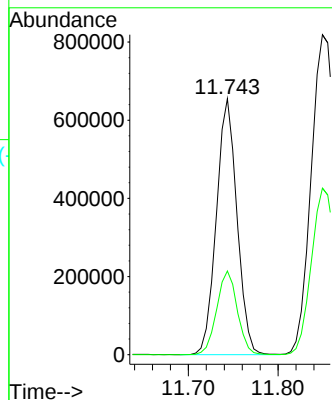
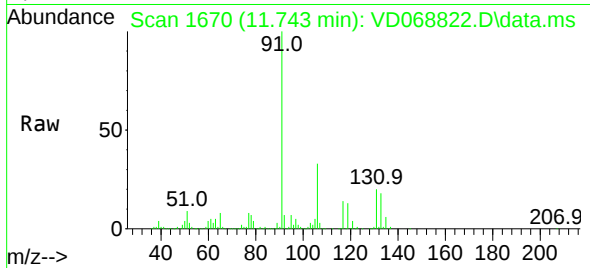




#67  
Ethyl Benzene  
Concen: 47.22 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

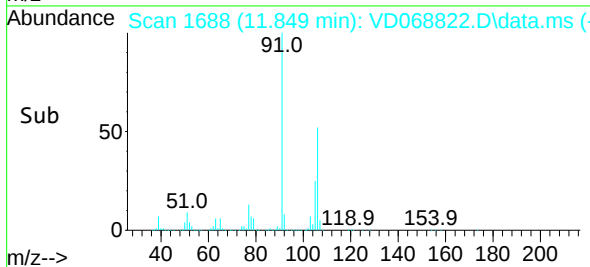
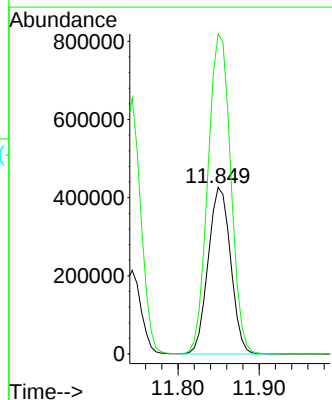
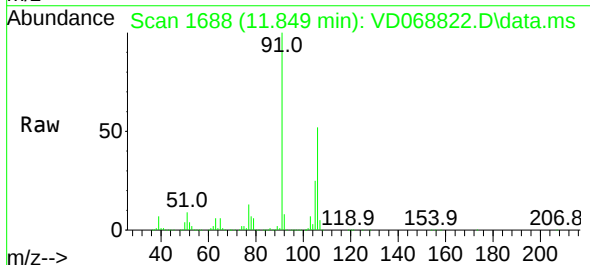
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

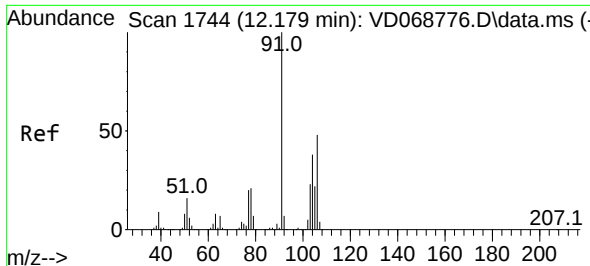
Tgt Ion: 91 Resp: 1045287  
Ion Ratio Lower Upper  
91 100  
106 32.7 25.1 37.7



#68  
m/p-Xylenes  
Concen: 95.99 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion:106 Resp: 820007  
Ion Ratio Lower Upper  
106 100  
91 195.4 158.6 238.0

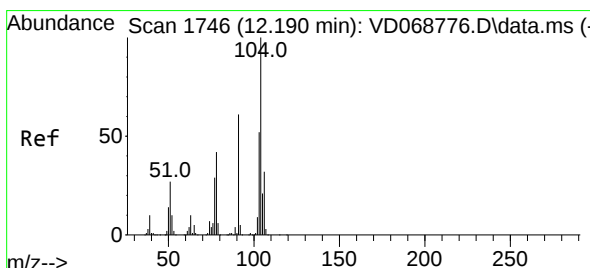
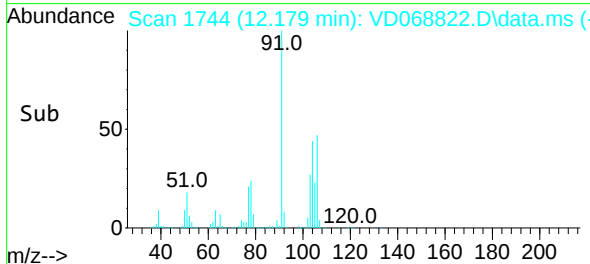
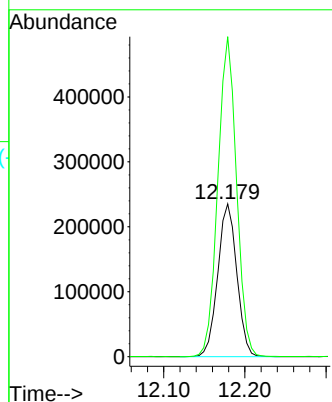
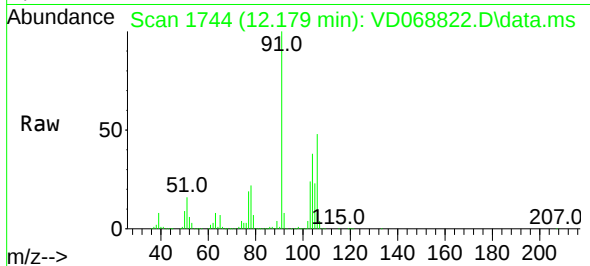




#69  
o-Xylene  
Concen: 49.45 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

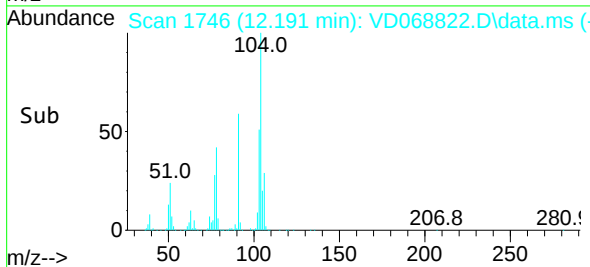
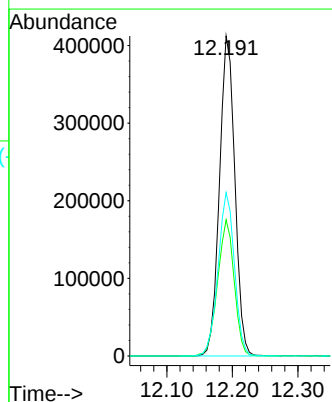
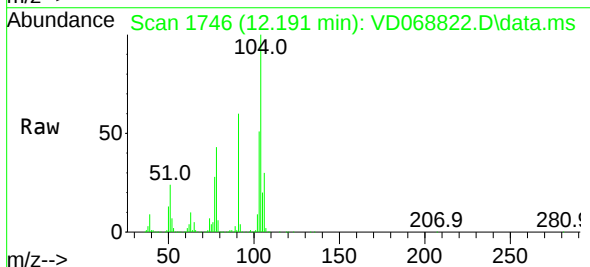
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

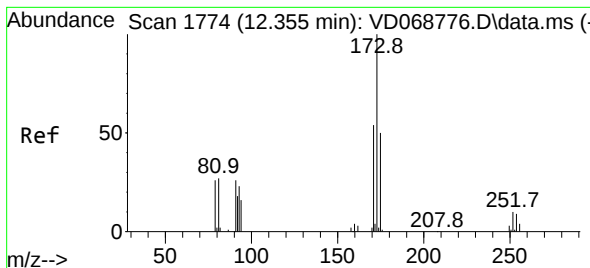
Tgt Ion:106 Resp: 384110  
Ion Ratio Lower Upper  
106 100  
91 205.5 105.0 315.0



#70  
Styrene  
Concen: 49.48 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.001 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion:104 Resp: 669904  
Ion Ratio Lower Upper  
104 100  
78 45.8 36.9 55.3  
103 54.5 44.3 66.5

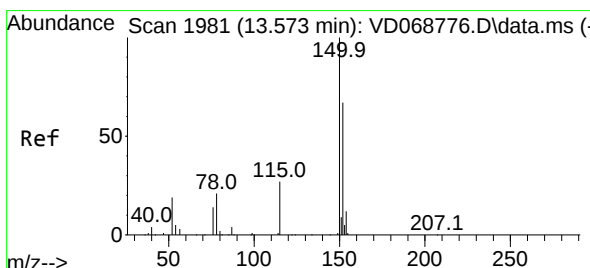
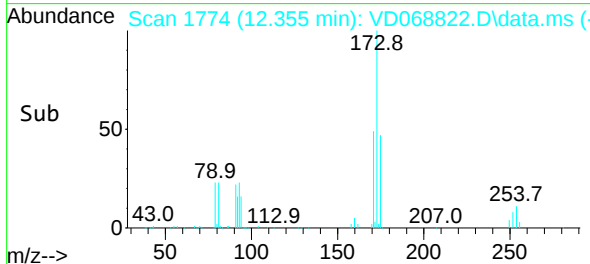
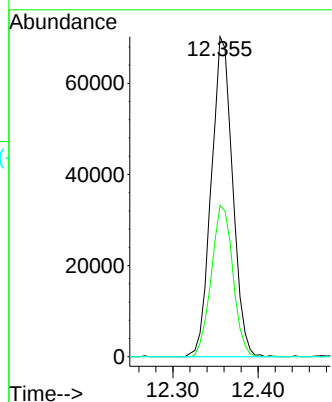
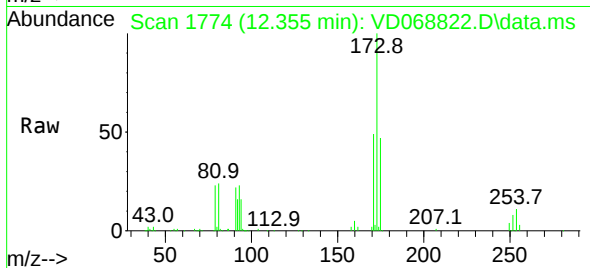




#71  
Bromoform  
Concen: 49.43 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

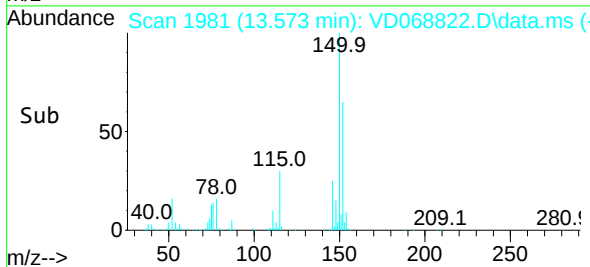
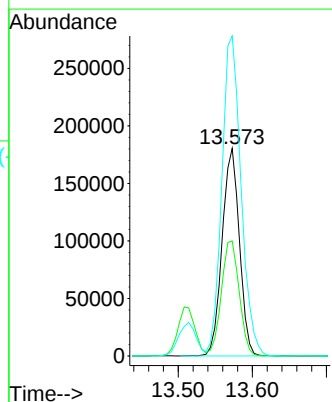
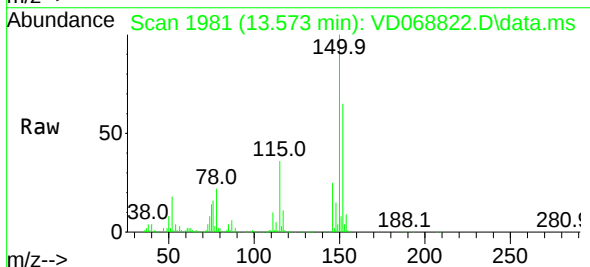
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

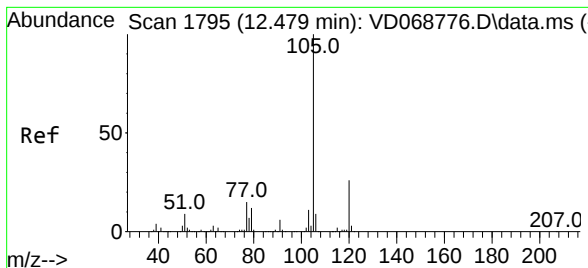
Tgt Ion:173 Resp: 121737  
Ion Ratio Lower Upper  
173 100  
175 47.9 23.6 71.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion:152 Resp: 292124  
Ion Ratio Lower Upper  
152 100  
115 57.3 29.3 87.8  
150 171.2 0.0 347.6

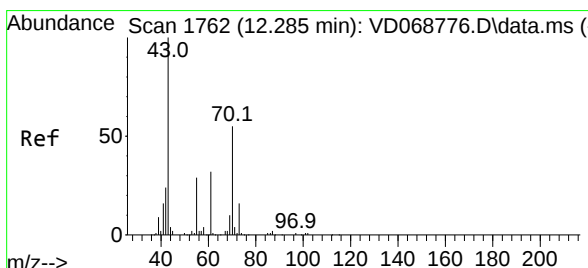
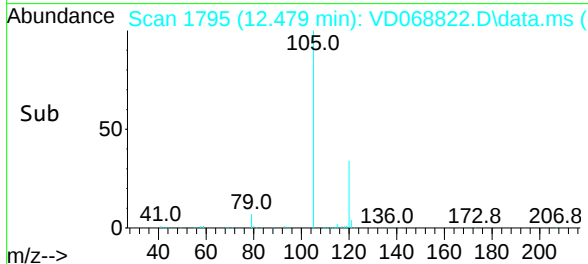
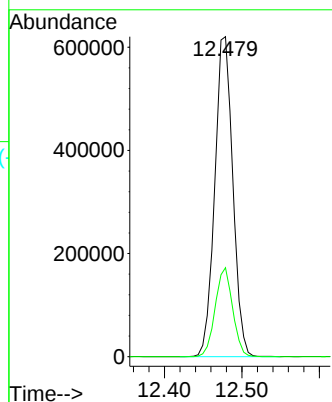
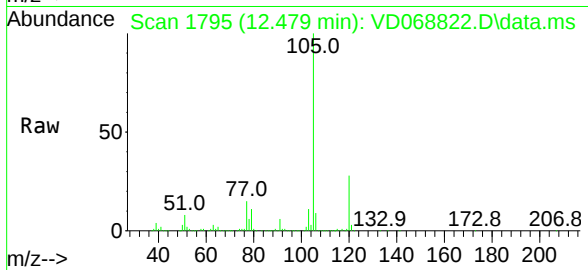




#73  
Isopropylbenzene  
Concen: 47.21 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

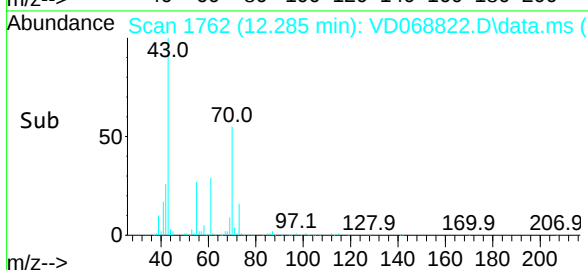
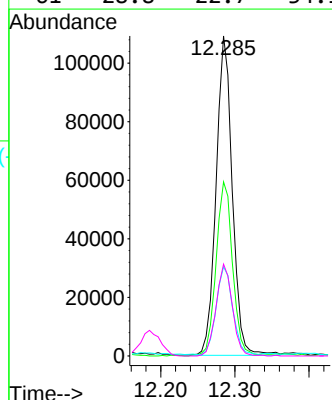
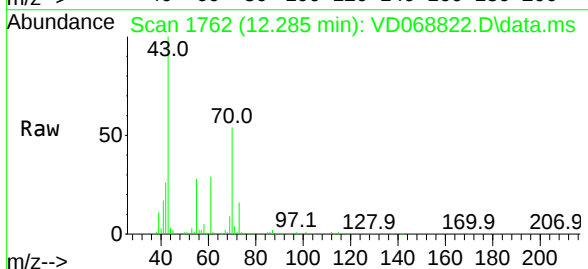
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

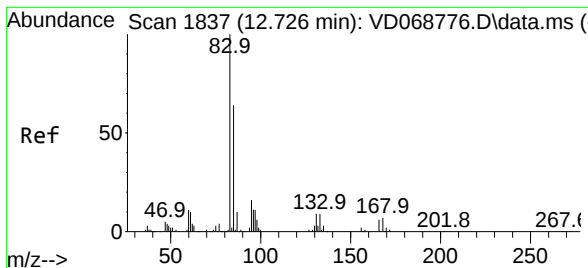
Tgt Ion:105 Resp: 1006893  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.4 40.2



#74  
N-ethyl acetate  
Concen: 45.77 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 43 Resp: 165548  
Ion Ratio Lower Upper  
43 100  
70 55.6 41.9 62.9  
55 27.9 22.8 34.2  
61 28.8 22.7 34.1

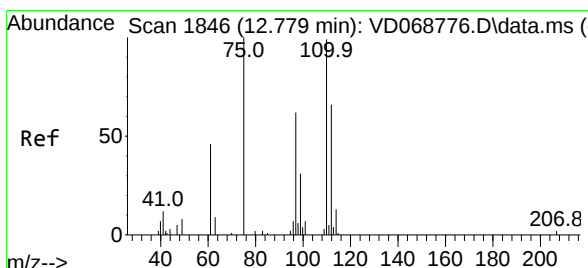
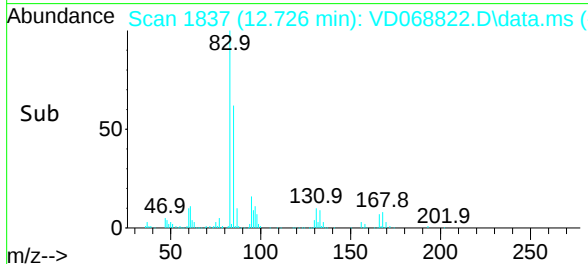
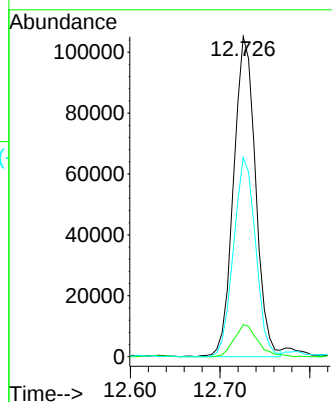
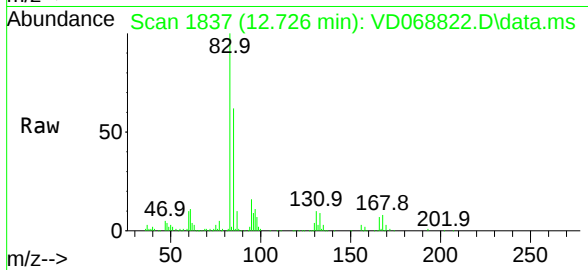




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 44.84 ug/l  
 RT: 12.726 min Scan# 1837  
 Delta R.T. -0.000 min  
 Lab File: VD068822.D  
 Acq: 09 Apr 2021 20:04

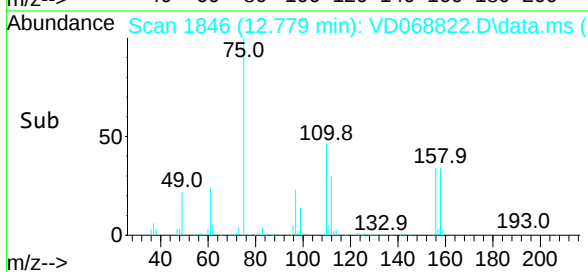
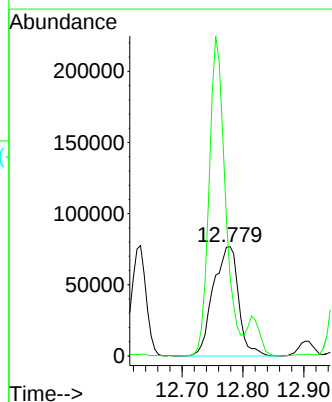
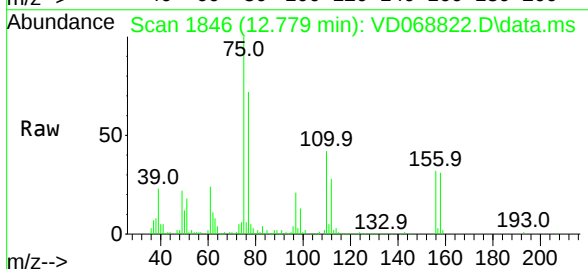
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

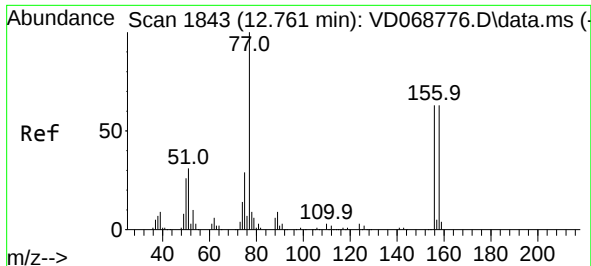
Tgt Ion: 83 Resp: 178779  
 Ion Ratio Lower Upper  
 83 100  
 131 10.8 5.1 15.3  
 85 62.5 32.0 96.0



#76  
 1,2,3-Trichloropropane  
 Concen: 82.91 ug/l  
 RT: 12.779 min Scan# 1846  
 Delta R.T. -0.000 min  
 Lab File: VD068822.D  
 Acq: 09 Apr 2021 20:04

Tgt Ion: 75 Resp: 221277  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

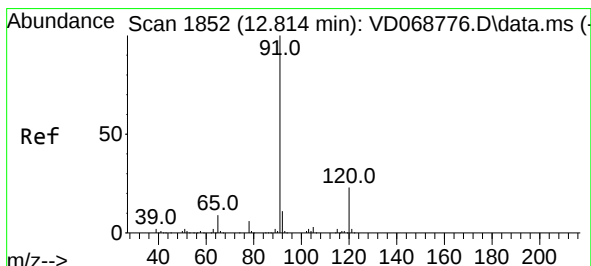
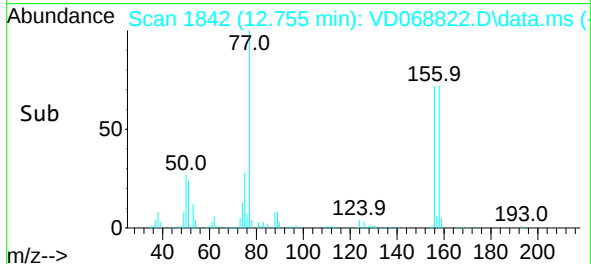
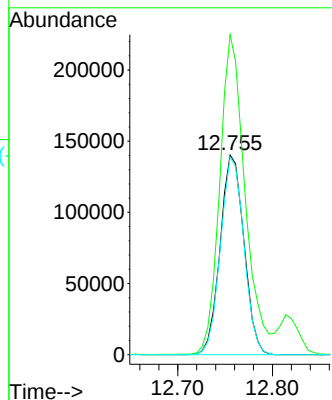
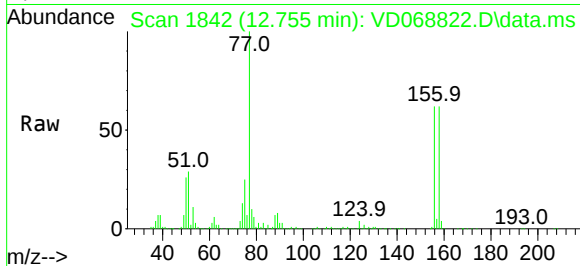




#77  
Bromobenzene  
Concen: 47.74 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

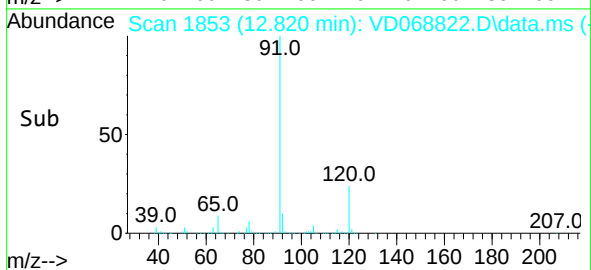
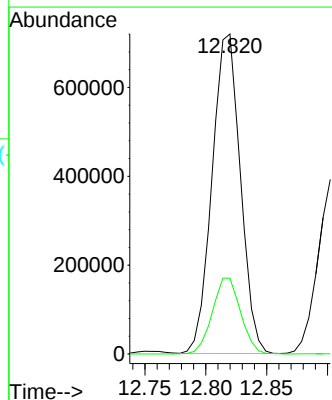
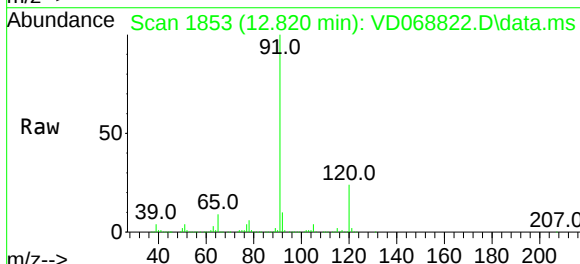
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

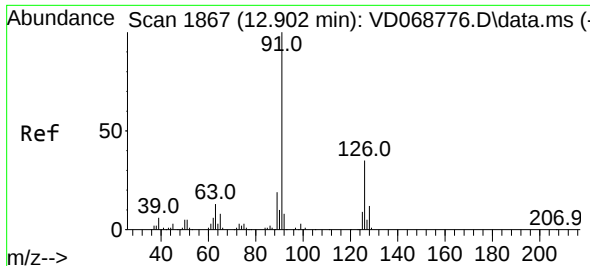
Tgt Ion:156 Resp: 244781  
Ion Ratio Lower Upper  
156 100  
77 169.8 88.9 266.8  
158 97.3 47.7 143.1



#78  
n-propylbenzene  
Concen: 44.88 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 91 Resp: 1162723  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.4 34.2

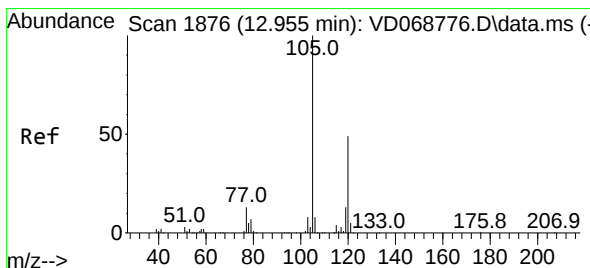
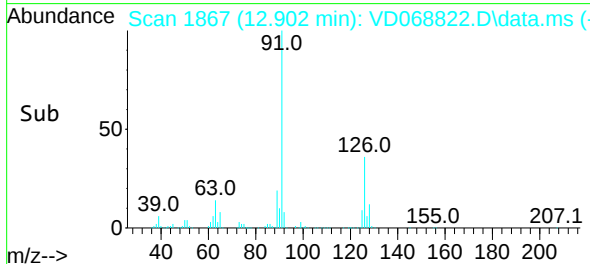
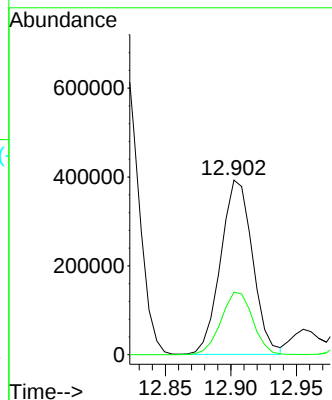
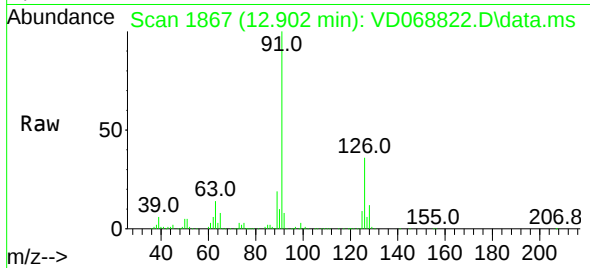




#79  
2-Chlorotoluene  
Concen: 45.95 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

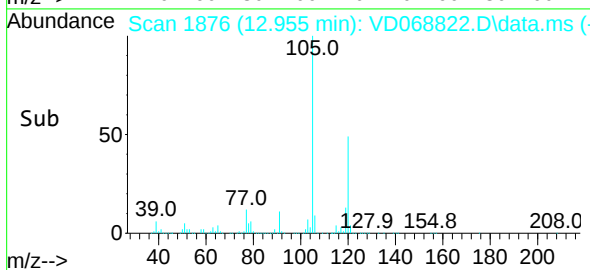
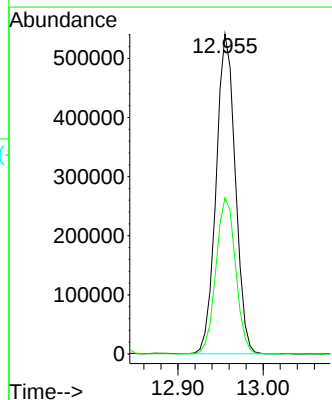
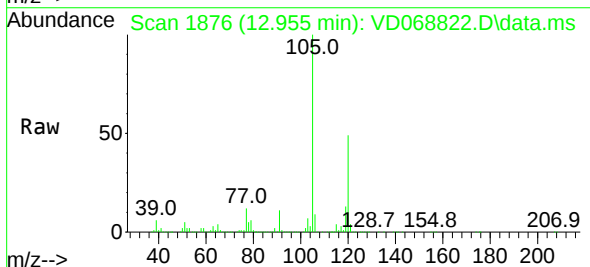
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

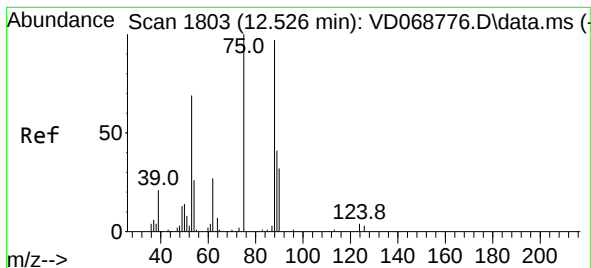
Tgt Ion: 91 Resp: 665019  
Ion Ratio Lower Upper  
91 100  
126 35.6 17.1 51.3



#80  
1,3,5-Trimethylbenzene  
Concen: 47.46 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 105 Resp: 846420  
Ion Ratio Lower Upper  
105 100  
120 50.0 24.9 74.7

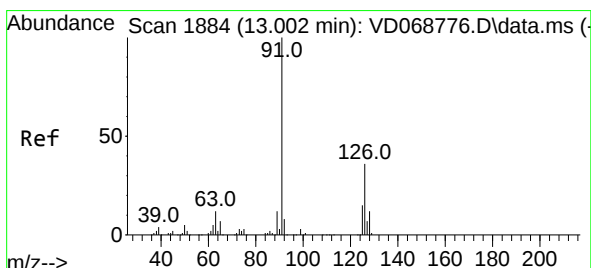
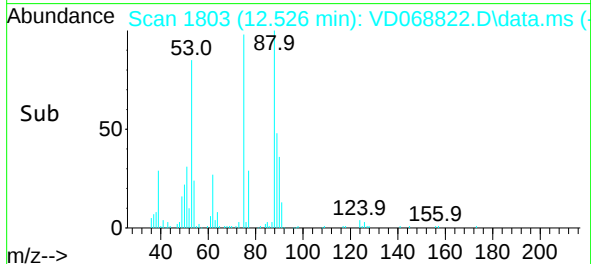
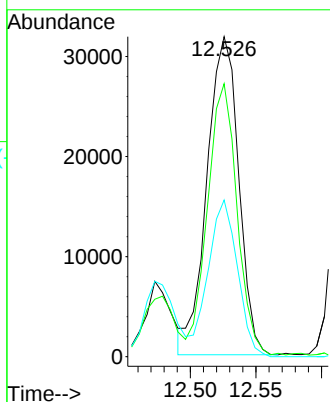
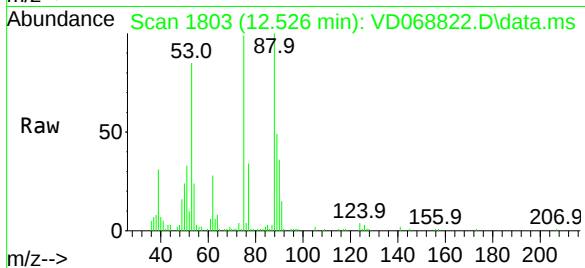




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.46 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

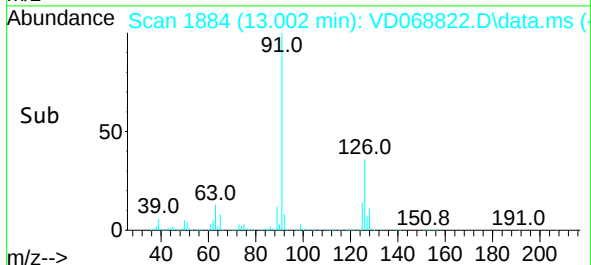
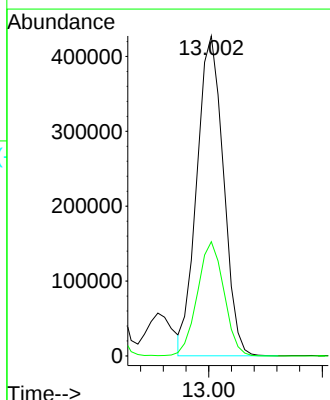
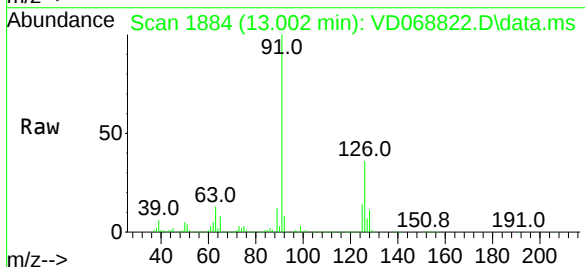
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

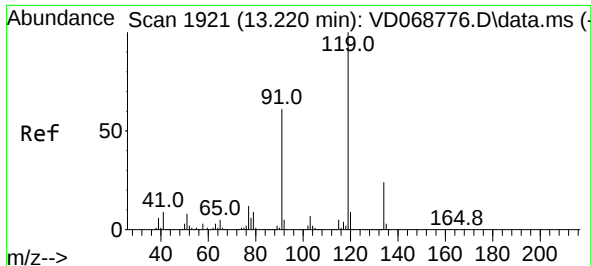
Tgt Ion: 75 Resp: 53431  
Ion Ratio Lower Upper  
75 100  
53 79.4 66.8 100.2  
89 45.9 36.6 54.8



#82  
4-Chlorotoluene  
Concen: 45.27 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 91 Resp: 694388  
Ion Ratio Lower Upper  
91 100  
126 35.7 17.2 51.5

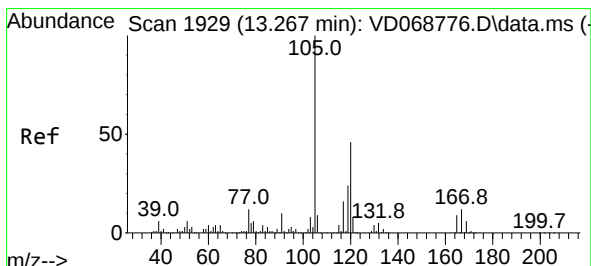
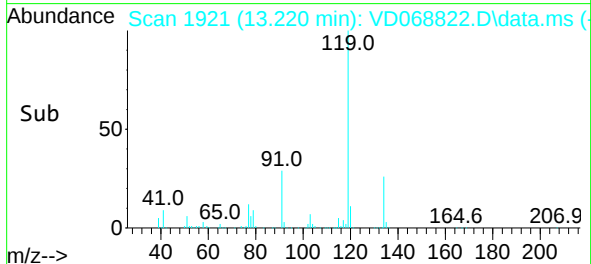
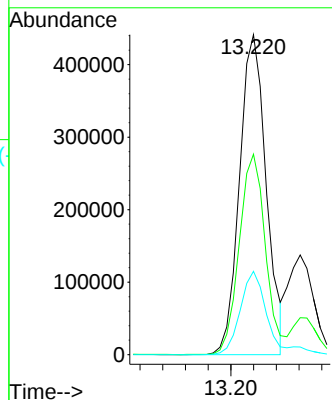
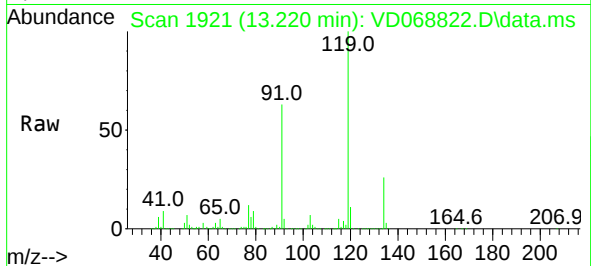




#83  
tert-Butylbenzene  
Concen: 47.48 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

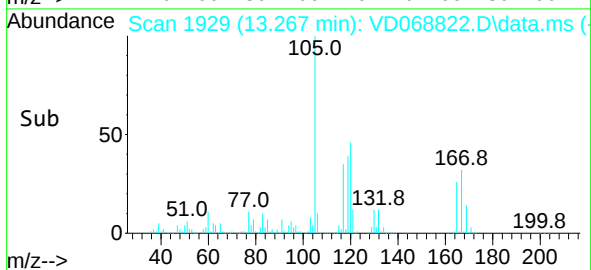
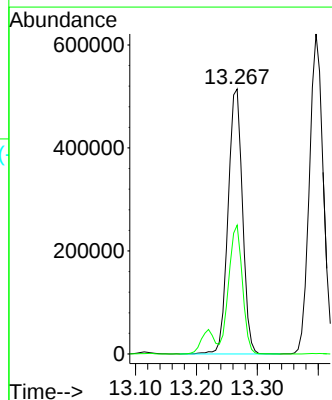
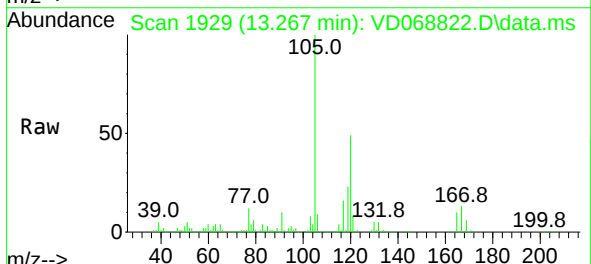
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

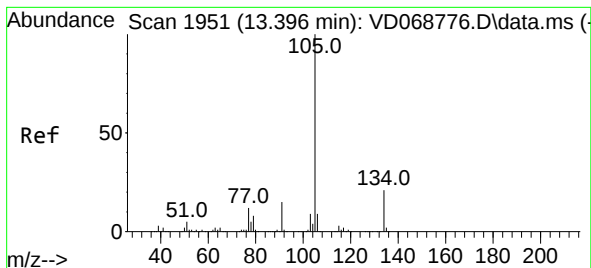
Tgt Ion:119 Resp: 718391  
Ion Ratio Lower Upper  
119 100  
91 62.3 31.6 95.0  
134 26.7 13.4 40.2



#84  
1,2,4-Trimethylbenzene  
Concen: 46.89 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion:105 Resp: 844552  
Ion Ratio Lower Upper  
105 100  
120 46.2 22.6 67.7

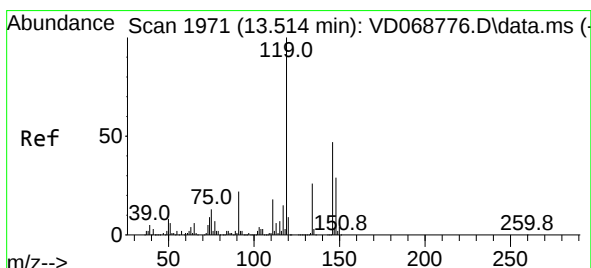
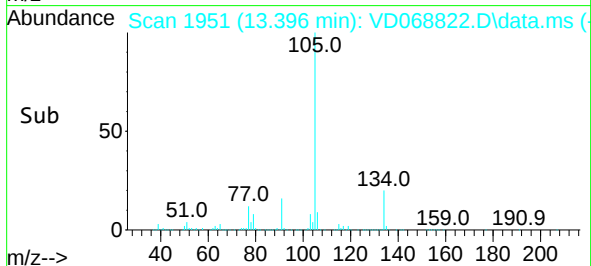
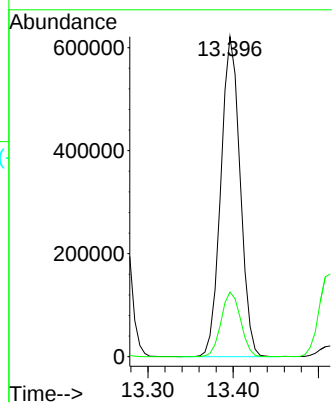
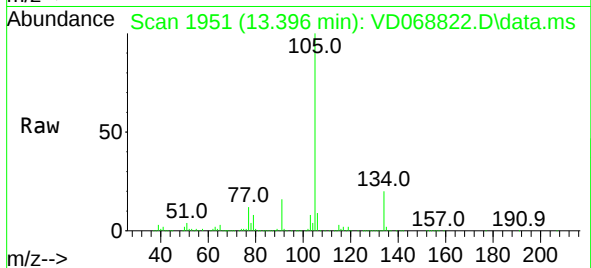




#85  
 sec-Butylbenzene  
 Concen: 45.84 ug/l  
 RT: 13.396 min Scan# 1951  
 Delta R.T. 0.000 min  
 Lab File: VD068822.D  
 Acq: 09 Apr 2021 20:04

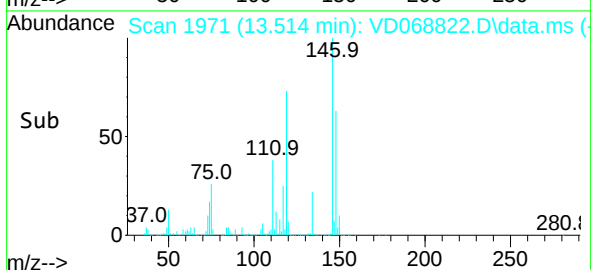
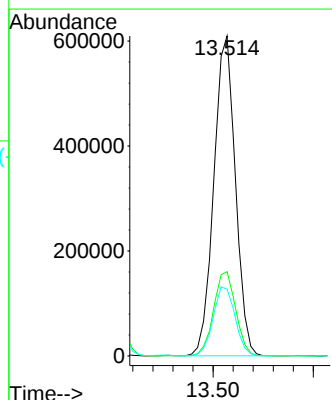
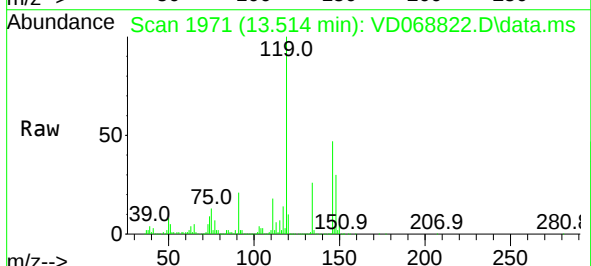
Instrument :  
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 ClientSampleId :  
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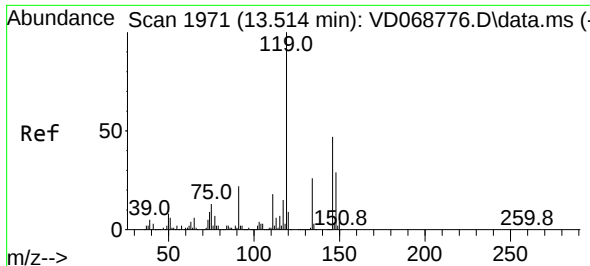
Tgt Ion:105 Resp: 978680  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.0 29.8



#86  
 p-Isopropyltoluene  
 Concen: 46.57 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. -0.000 min  
 Lab File: VD068822.D  
 Acq: 09 Apr 2021 20:04

Tgt Ion:119 Resp: 908240  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.3 39.9  
 91 22.0 11.1 33.1

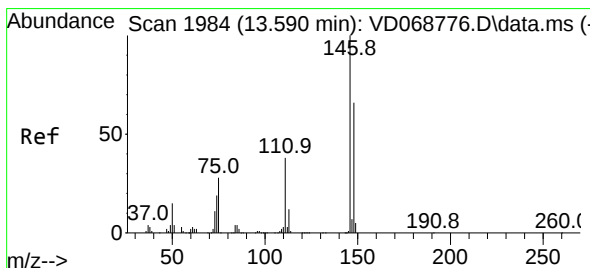
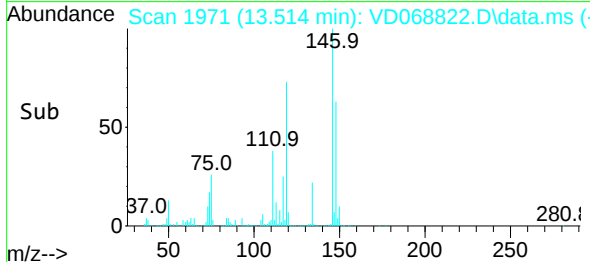
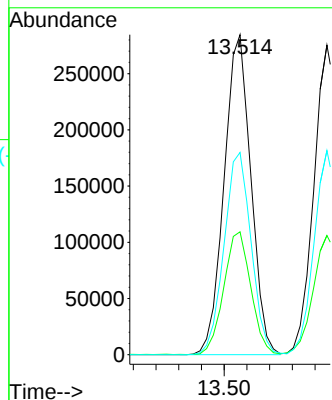
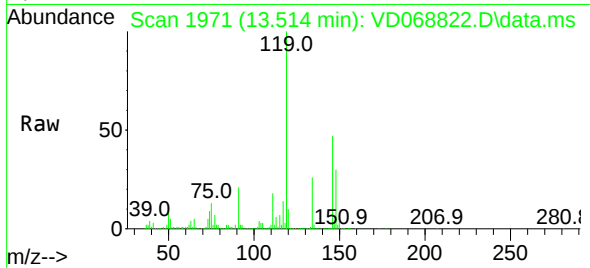




#87  
 1,3-Dichlorobenzene  
 Concen: 45.78 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. -0.000 min  
 Lab File: VD068822.D  
 Acq: 09 Apr 2021 20:04

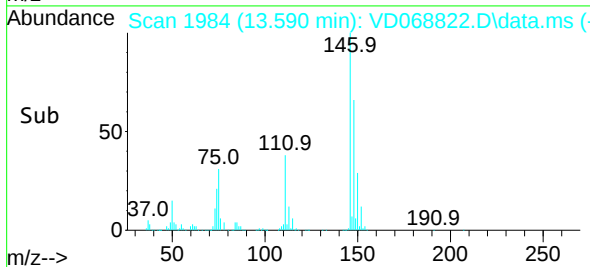
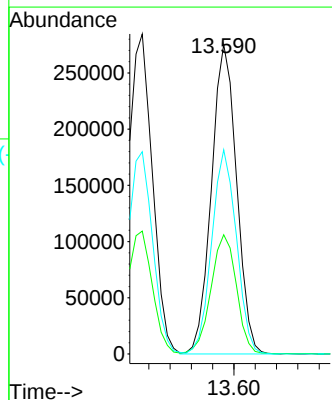
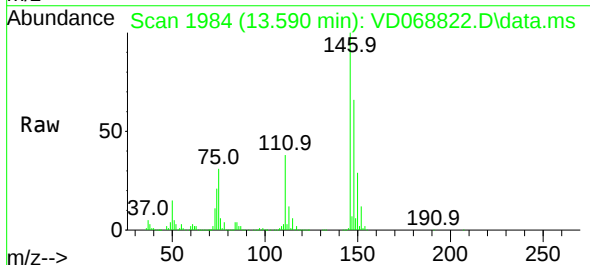
Instrument :  
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 ClientSampleId :  
 VSTDCCC050EC

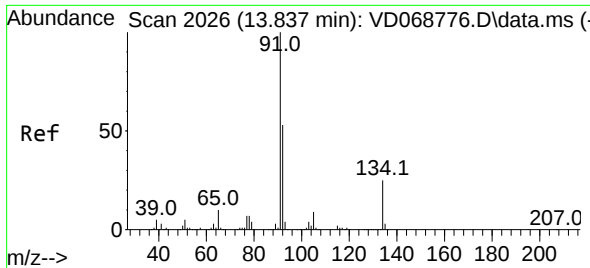
Tgt Ion:146 Resp: 465126  
 Ion Ratio Lower Upper  
 146 100  
 111 38.6 19.3 57.8  
 148 64.0 30.9 92.8



#88  
 1,4-Dichlorobenzene  
 Concen: 44.85 ug/l  
 RT: 13.590 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VD068822.D  
 Acq: 09 Apr 2021 20:04

Tgt Ion:146 Resp: 450901  
 Ion Ratio Lower Upper  
 146 100  
 111 38.9 19.1 57.1  
 148 64.7 31.6 95.0

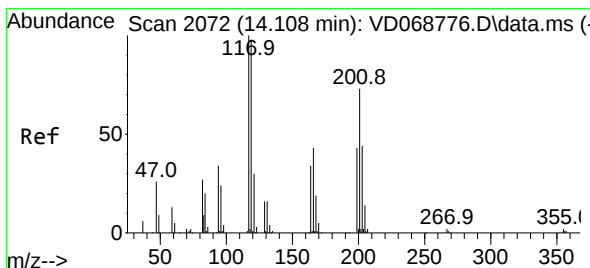
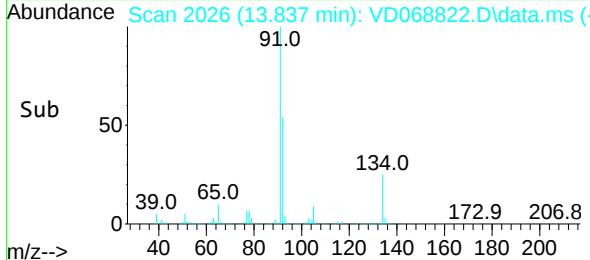
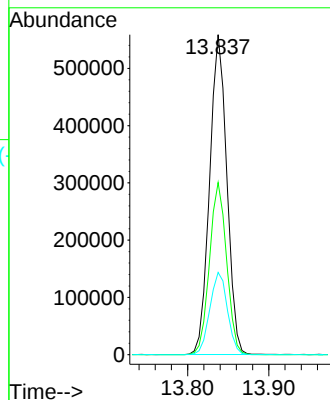
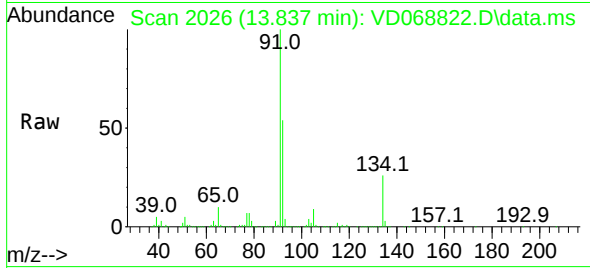




#89  
n-Butylbenzene  
Concen: 44.82 ug/l  
RT: 13.837 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

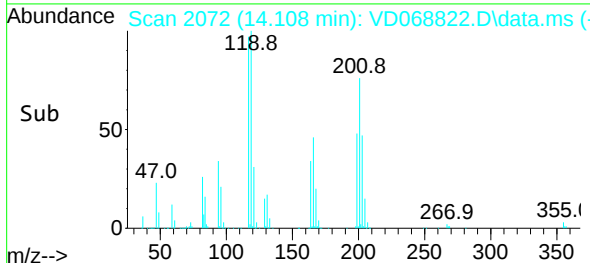
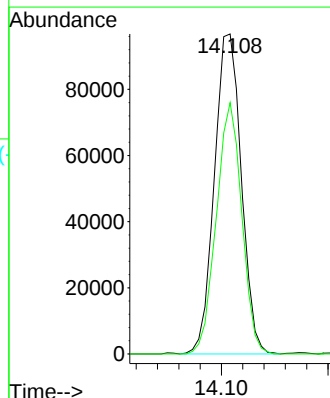
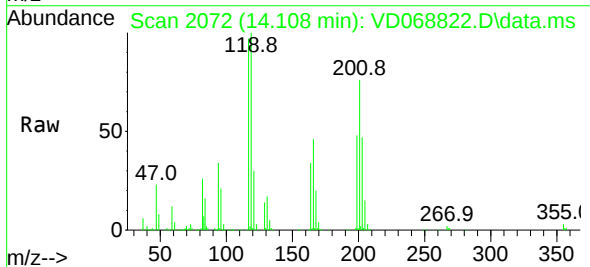
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

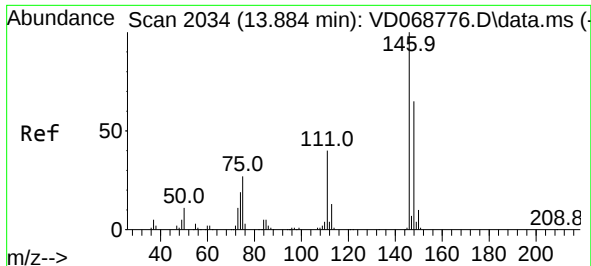
Tgt Ion: 91 Resp: 823192  
Ion Ratio Lower Upper  
91 100  
92 53.3 26.7 80.1  
134 26.3 12.9 38.6



#90  
Hexachloroethane  
Concen: 43.66 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 117 Resp: 169608  
Ion Ratio Lower Upper  
117 100  
201 74.1 35.4 106.2

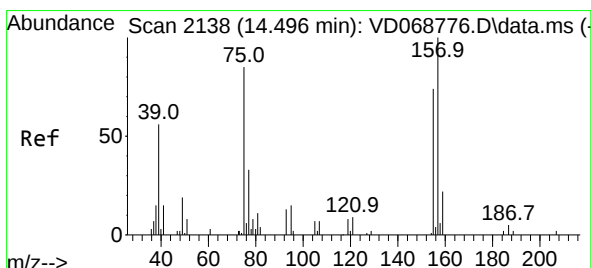
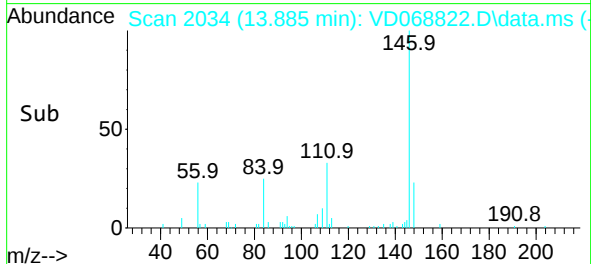
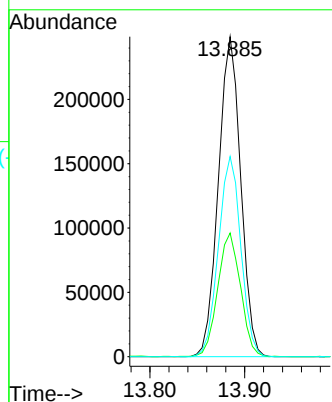
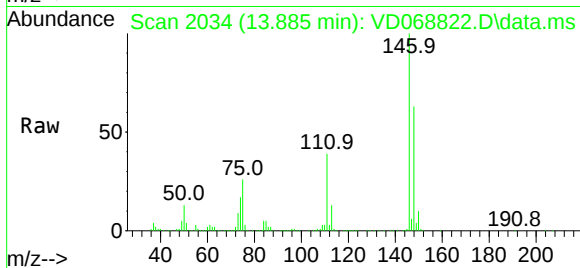




#91  
1,2-Dichlorobenzene  
Concen: 46.41 ug/l  
RT: 13.885 min Scan# 2034  
Delta R.T. 0.001 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

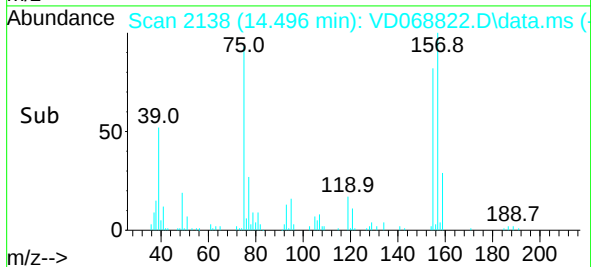
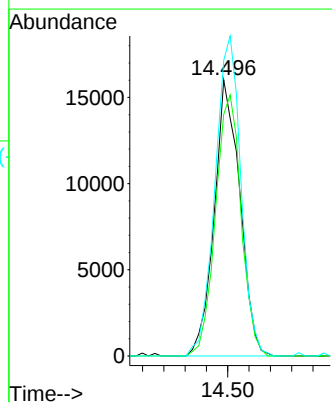
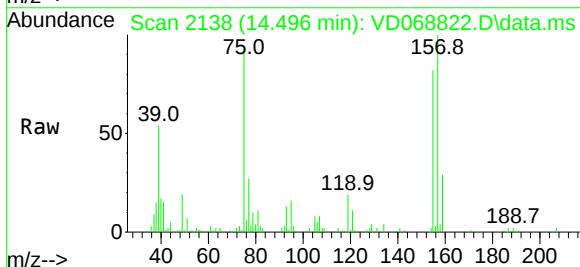
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

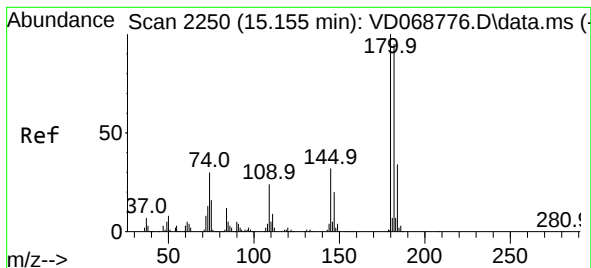
Tgt Ion:146 Resp: 407984  
Ion Ratio Lower Upper  
146 100  
111 39.4 20.3 60.9  
148 62.8 32.2 96.6



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 44.16 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion: 75 Resp: 26763  
Ion Ratio Lower Upper  
75 100  
155 94.4 46.8 140.3  
157 116.0 59.8 179.3

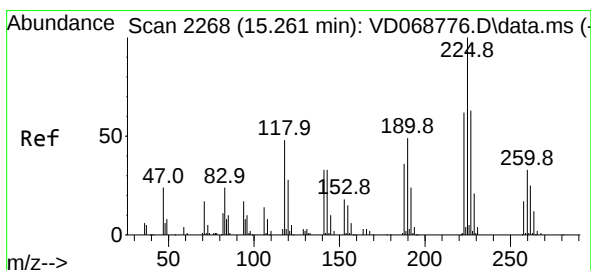
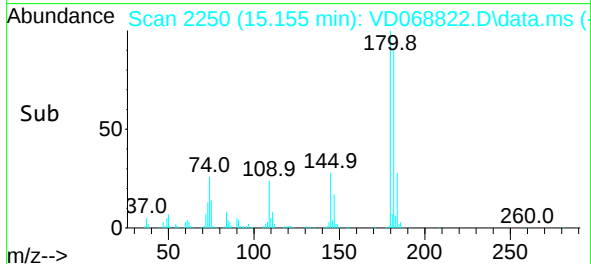
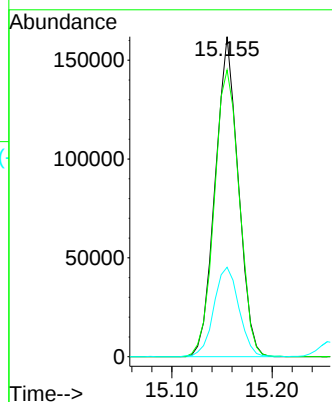
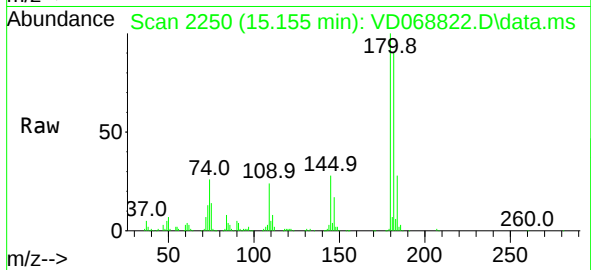




#93  
1,2,4-Trichlorobenzene  
Concen: 47.62 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

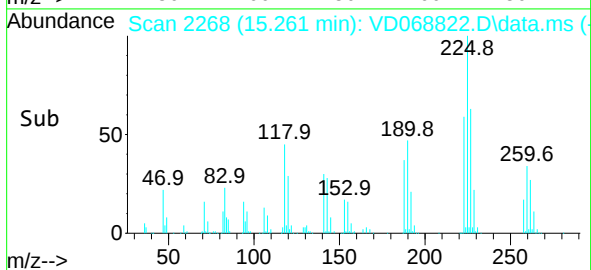
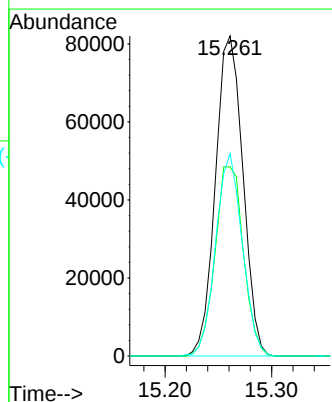
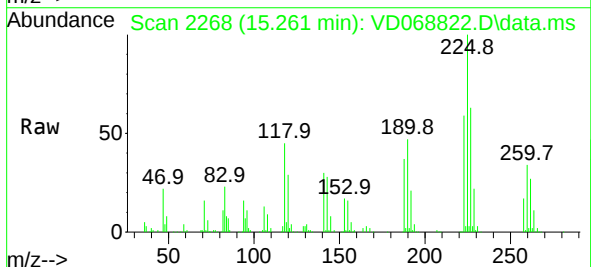
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

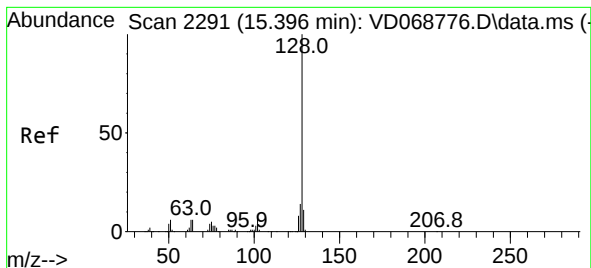
Tgt Ion:180 Resp: 259065  
Ion Ratio Lower Upper  
180 100  
182 96.8 47.9 143.8  
145 30.4 15.2 45.6



#94  
Hexachlorobutadiene  
Concen: 47.17 ug/l  
RT: 15.261 min Scan# 2268  
Delta R.T. -0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion:225 Resp: 146903  
Ion Ratio Lower Upper  
225 100  
223 61.2 30.6 91.6  
227 61.3 31.4 94.0

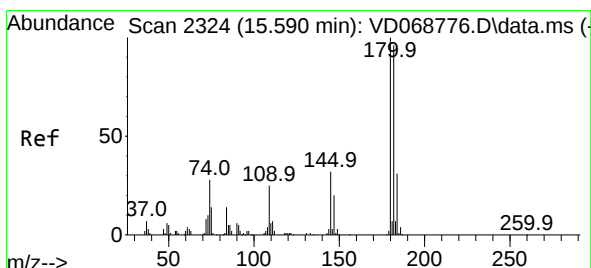
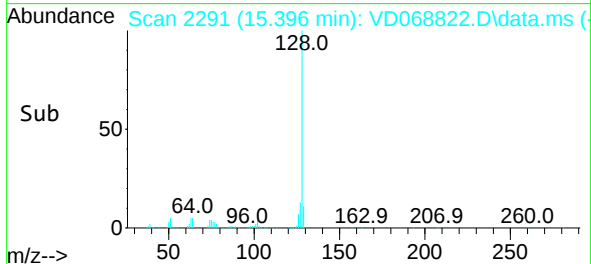
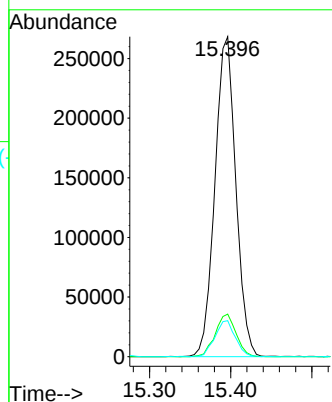
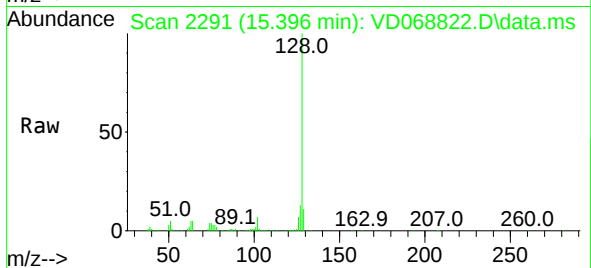




#95  
Naphthalene  
Concen: 50.68 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. 0.000 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 480248  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.2 15.4  
129 11.1 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 48.32 ug/l  
RT: 15.584 min Scan# 2323  
Delta R.T. -0.006 min  
Lab File: VD068822.D  
Acq: 09 Apr 2021 20:04

Tgt Ion:180 Resp: 229907  
Ion Ratio Lower Upper  
180 100  
182 96.6 46.5 139.3  
145 30.9 15.8 47.4

