

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042621\  
 Data File : VD068994.D  
 Acq On : 26 Apr 2021 17:53  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 27 07:13:42 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      | 7.985  | 168  | 235509   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 377239   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.644 | 117  | 364192   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.573 | 152  | 191071   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 115567   | 46.43    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 92.86%  |
| 35) Dibromofluoromethane    | 7.914  | 113   | 132537   | 54.01    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 108.02% |
| 50) Toluene-d8              | 10.338 | 98    | 487087   | 52.62    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 105.24% |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 162806   | 52.96    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 105.92% |

|                              |       |     |        |        |        |        |
|------------------------------|-------|-----|--------|--------|--------|--------|
| Target Compounds             |       |     |        |        |        | Qvalue |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 97962  | 41.98  | ug/l   | 99     |
| 3) Chloromethane             | 2.209 | 50  | 110530 | 40.29  | ug/l   | 99     |
| 4) Vinyl Chloride            | 2.350 | 62  | 146472 | 42.50  | ug/l   | 98     |
| 5) Bromomethane              | 2.768 | 94  | 126601 | 49.14  | ug/l   | 97     |
| 6) Chloroethane              | 2.921 | 64  | 109949 | 48.55  | ug/l   | 98     |
| 7) Trichlorofluoromethane    | 3.273 | 101 | 201741 | 49.75  | ug/l   | 95     |
| 8) Diethyl Ether             | 3.709 | 74  | 54002  | 49.31  | ug/l   | 88     |
| 9) 1,1,2-Trichlorotrifluo... | 4.097 | 101 | 122878 | 50.21  | ug/l   | 98     |
| 10) Methyl Iodide            | 4.303 | 142 | 122567 | 43.12  | ug/l   | 98     |
| 11) Tert butyl alcohol       | 5.232 | 59  | 29488  | 219.54 | ug/l # | 86     |
| 12) 1,1-Dichloroethene       | 4.068 | 96  | 111573 | 47.33  | ug/l   | 98     |
| 13) Acrolein                 | 3.926 | 56  | 14309  | 146.06 | ug/l   | 95     |
| 14) Allyl chloride           | 4.715 | 41  | 110518 | 41.60  | ug/l   | 93     |
| 15) Acrylonitrile            | 5.432 | 53  | 103153 | 209.86 | ug/l   | 99     |
| 16) Acetone                  | 4.162 | 43  | 74777  | 216.95 | ug/l   | 98     |
| 17) Carbon Disulfide         | 4.415 | 76  | 320662 | 42.03  | ug/l   | 99     |
| 18) Methyl Acetate           | 4.726 | 43  | 44247  | 46.73  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 235129 | 44.95  | ug/l   | 97     |
| 20) Methylene Chloride       | 4.967 | 84  | 153187 | 55.39  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene | 5.473 | 96  | 131225 | 43.35  | ug/l   | 96     |
| 22) Diisopropyl ether        | 6.367 | 45  | 278488 | 43.26  | ug/l   | 94     |
| 23) Vinyl Acetate            | 6.309 | 43  | 753586 | 220.90 | ug/l   | 96     |
| 24) 1,1-Dichloroethane       | 6.273 | 63  | 213483 | 43.99  | ug/l   | 99     |
| 25) 2-Butanone               | 7.214 | 43  | 113893 | 233.52 | ug/l   | 97     |
| 26) 2,2-Dichloropropane      | 7.209 | 77  | 187272 | 47.24  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene   | 7.214 | 96  | 156719 | 52.09  | ug/l   | 94     |
| 28) Bromochloromethane       | 7.544 | 49  | 84483  | 48.23  | ug/l   | 88     |
| 29) Tetrahydrofuran          | 7.561 | 42  | 71119  | 216.82 | ug/l   | 92     |
| 30) Chloroform               | 7.714 | 83  | 250204 | 47.10  | ug/l   | 99     |
| 31) Cyclohexane              | 7.985 | 56  | 159380 | 38.48  | ug/l   | 93     |
| 32) 1,1,1-Trichloroethane    | 7.909 | 97  | 216760 | 46.70  | ug/l   | 97     |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 176232 | 46.15  | ug/l   | 97     |
| 37) Ethyl Acetate            | 7.291 | 43  | 53759  | 47.93  | ug/l   | 94     |
| 38) Carbon Tetrachloride     | 8.097 | 117 | 193806 | 51.27  | ug/l   | 95     |
| 39) Methylcyclohexane        | 9.355 | 83  | 206294 | 46.33  | ug/l   | 98     |
| 40) Benzene                  | 8.350 | 78  | 538333 | 48.18  | ug/l   | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 27 07:13:42 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         | 7.561  | 41   | 72621    | 109.37  | ug/l # | 35       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 146510   | 49.60   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.456  | 43   | 103147   | 45.11   | ug/l   | 94       |
| 44) Trichloroethene           | 9.114  | 130  | 156137   | 50.59   | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 129134   | 48.38   | ug/l   | 92       |
| 46) Dibromomethane            | 9.473  | 93   | 77725    | 52.28   | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.661  | 83   | 197682   | 50.90   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.455  | 41   | 47046    | 41.75   | ug/l # | 73       |
| 49) 1,4-Dioxane               | 9.467  | 88   | 17997    | 1143.36 | ug/l   | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.232 | 43   | 283996   | 246.44  | ug/l   | 100      |
| 52) Toluene                   | 10.402 | 92   | 365437   | 51.65   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 172578   | 50.13   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 202567   | 49.19   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 111069   | 52.83   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 112501   | 51.99   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.944 | 76   | 174510   | 50.41   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 283993   | 246.75  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.985 | 43   | 190265   | 246.75  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.138 | 129  | 142998   | 54.25   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 107560   | 52.65   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.873 | 164  | 130984   | 51.31   | ug/l   | 93       |
| 65) Chlorobenzene             | 11.673 | 112  | 400624   | 50.82   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.744 | 131  | 152780   | 53.90   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.744 | 91   | 689340   | 50.49   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.849 | 106  | 546945   | 103.83  | ug/l   | 96       |
| 69) o-Xylene                  | 12.179 | 106  | 250230   | 52.24   | ug/l   | 95       |
| 70) Styrene                   | 12.191 | 104  | 443336   | 53.11   | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 80676    | 53.13   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.479 | 105  | 674647   | 48.36   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.285 | 43   | 97265    | 41.11   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 120194   | 46.09   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 147998   | 84.79   | ug/l # | 100      |
| 77) Bromobenzene              | 12.755 | 156  | 166474   | 49.64   | ug/l   | 94       |
| 78) n-propylbenzene           | 12.820 | 91   | 795286   | 46.93   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 442477   | 46.74   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 572196   | 49.06   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 35170    | 46.76   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 471700   | 47.01   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 473888   | 47.88   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 575284   | 48.84   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.396 | 105  | 674254   | 48.28   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 621775   | 48.75   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 323547   | 48.69   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.591 | 146  | 317964   | 48.35   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.838 | 91   | 562959   | 46.86   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.108 | 117  | 121313   | 47.75   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.885 | 146  | 285777   | 49.70   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.502 | 75   | 16992    | 42.87   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 174334   | 49.00   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.261 | 225  | 104785   | 51.44   | ug/l   | 99       |
| 95) Naphthalene               | 15.396 | 128  | 309188   | 49.89   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.590 | 180  | 159720   | 51.33   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Apr 27 07:13:42 2021  
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Quant Title : SW846 8260  
QLast Update : Thu Apr 08 03:50:31 2021  
Response via : Initial Calibration

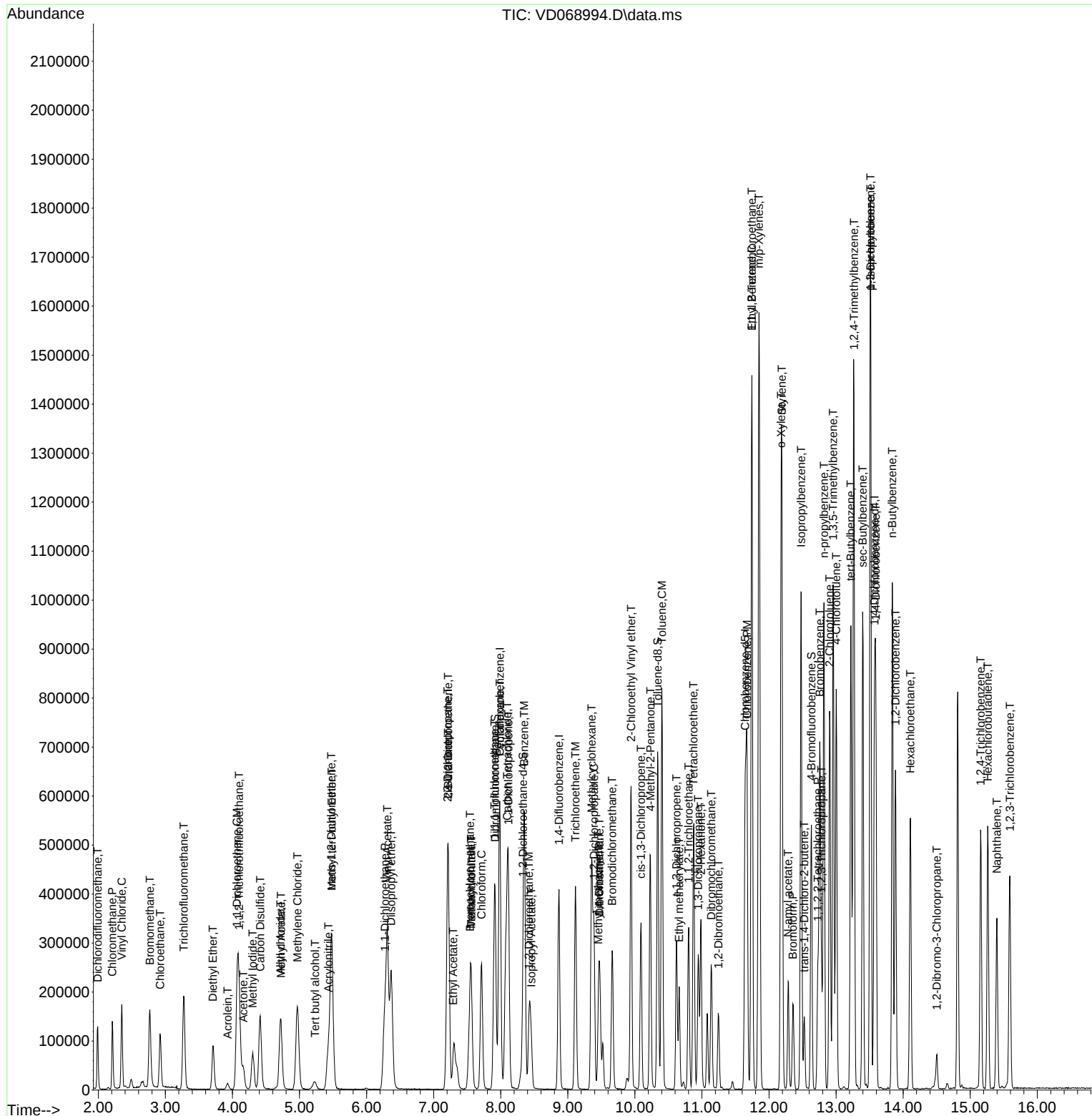
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

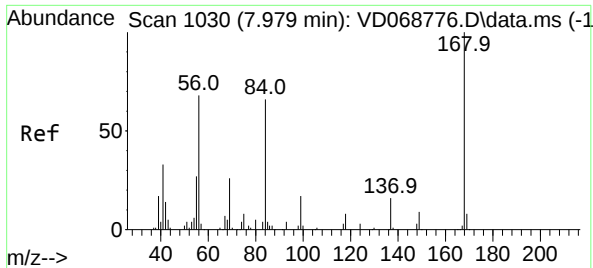
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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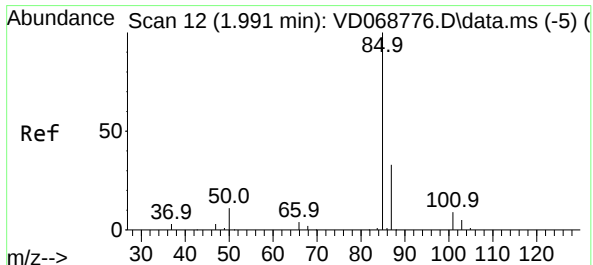
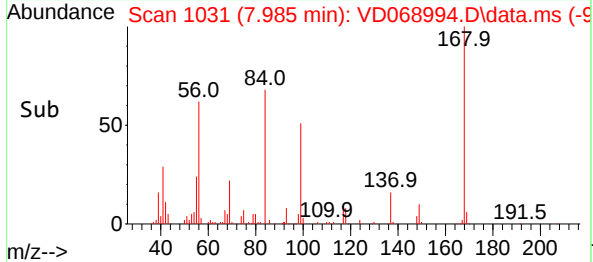
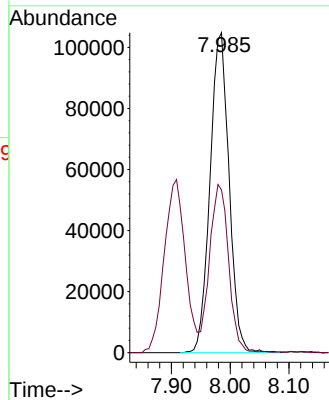
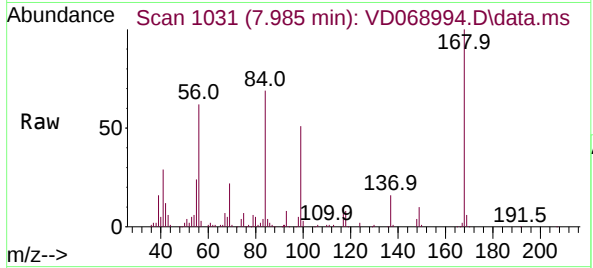




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. 0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

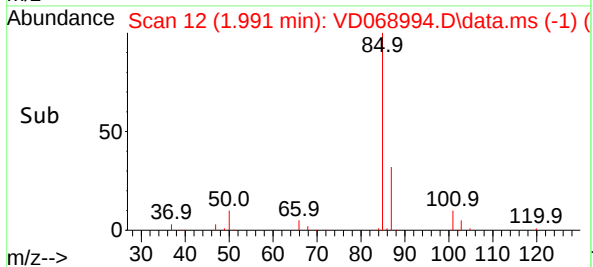
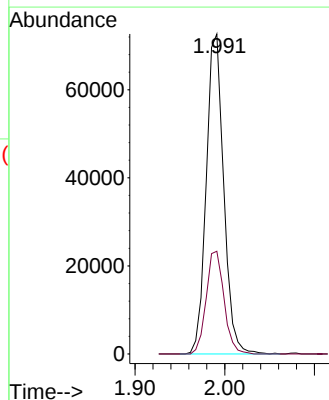
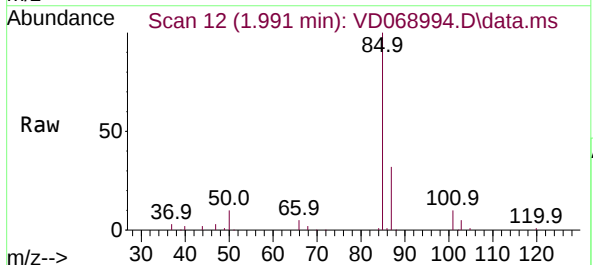
Instrument :  
MSVOA\_D  
ClientSampled :

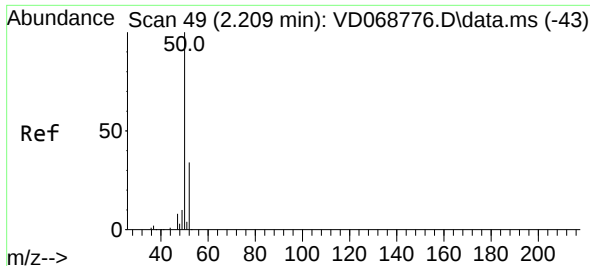
Tgt Ion:168 Resp: 235509  
Ion Ratio Lower Upper  
168 100  
99 50.6 46.2 69.2



#2  
Dichlorodifluoromethane  
Concen: 41.98 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 85 Resp: 97962  
Ion Ratio Lower Upper  
85 100  
87 32.1 15.7 47.0

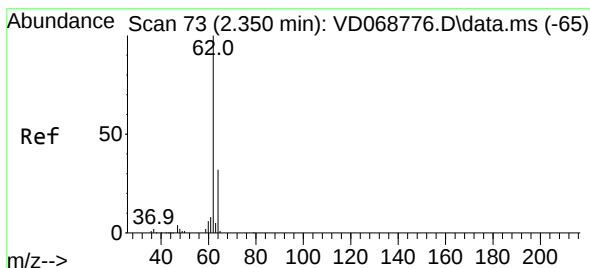
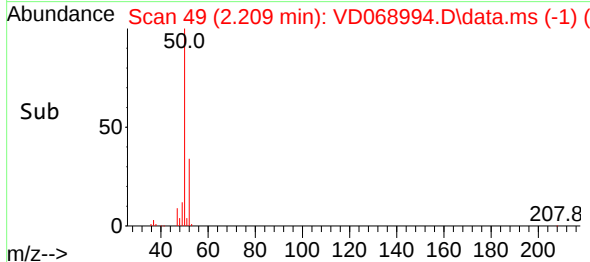
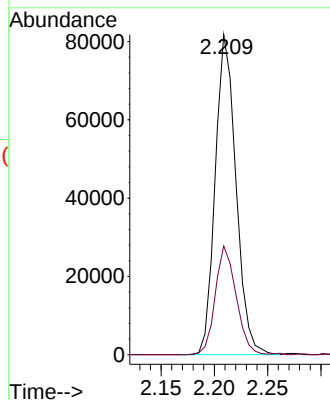
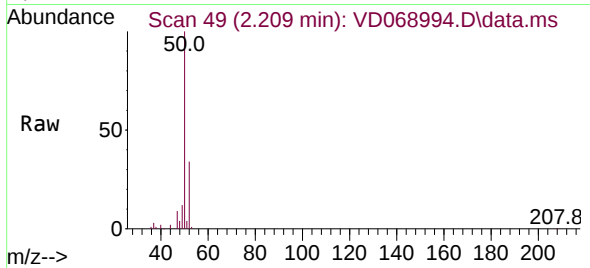




#3  
Chloromethane  
Concen: 40.29 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

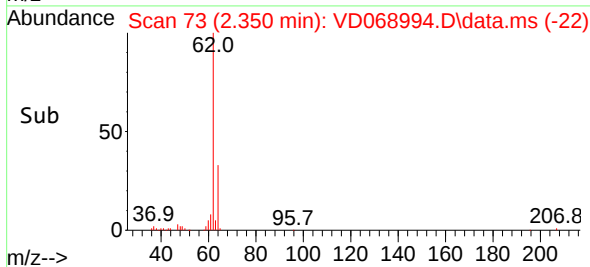
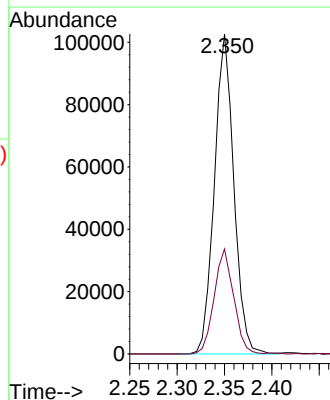
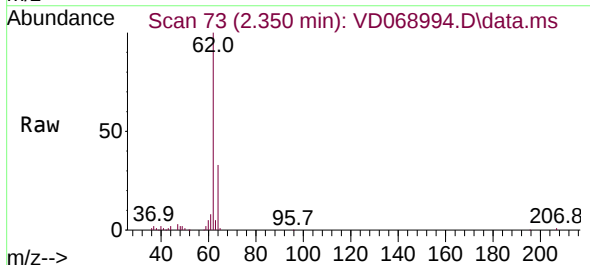
Instrument :  
MSVOA\_D  
ClientSampled :

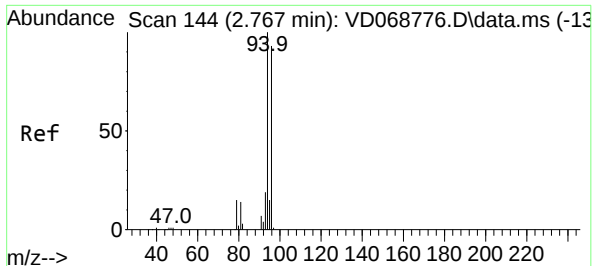
Tgt Ion: 50 Resp: 110530  
Ion Ratio Lower Upper  
50 100  
52 34.0 26.7 40.1



#4  
Vinyl Chloride  
Concen: 42.50 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 62 Resp: 146472  
Ion Ratio Lower Upper  
62 100  
64 32.8 27.1 40.7

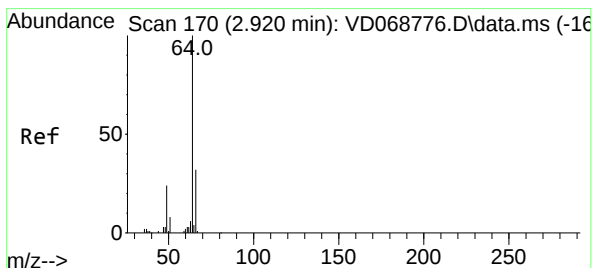
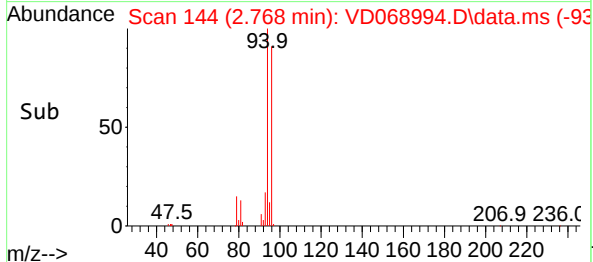
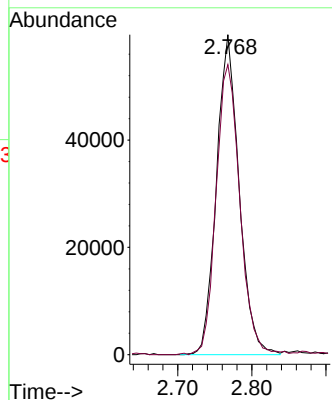
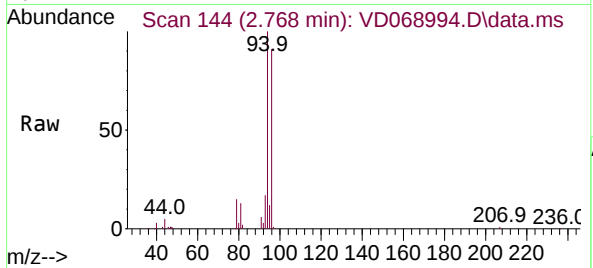




#5  
Bromomethane  
Concen: 49.14 ug/l  
RT: 2.768 min Scan# 144  
Delta R.T. 0.001 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

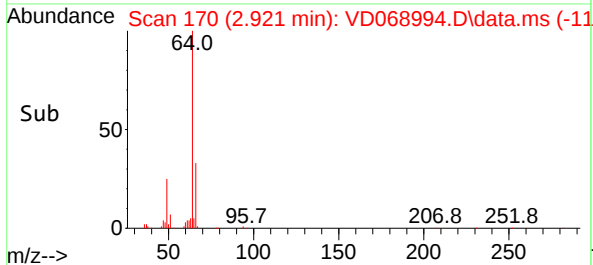
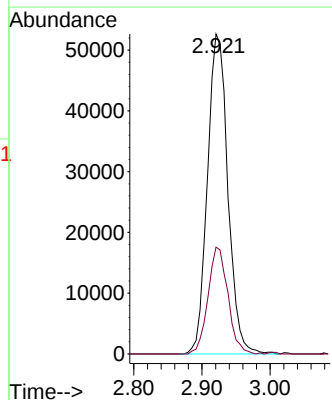
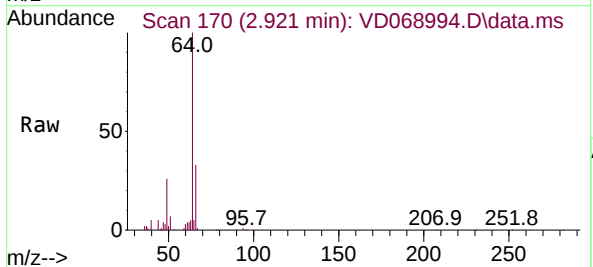
Instrument :  
MSVOA\_D  
ClientSampled :

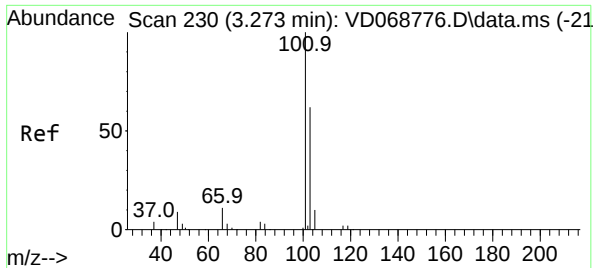
Tgt Ion: 94 Resp: 126601  
Ion Ratio Lower Upper  
94 100  
96 90.4 74.7 112.1



#6  
Chloroethane  
Concen: 48.55 ug/l  
RT: 2.921 min Scan# 170  
Delta R.T. 0.001 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 64 Resp: 109949  
Ion Ratio Lower Upper  
64 100  
66 33.4 26.0 39.0

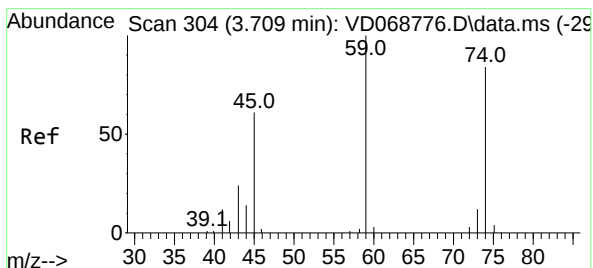
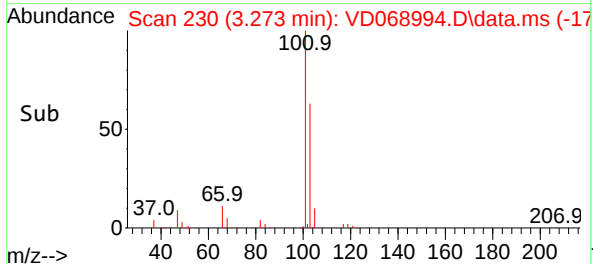
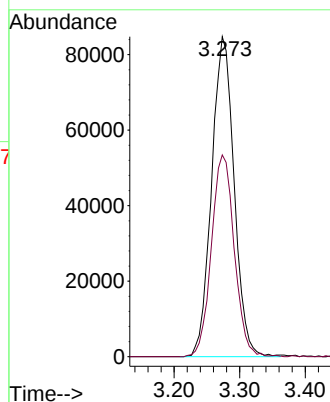
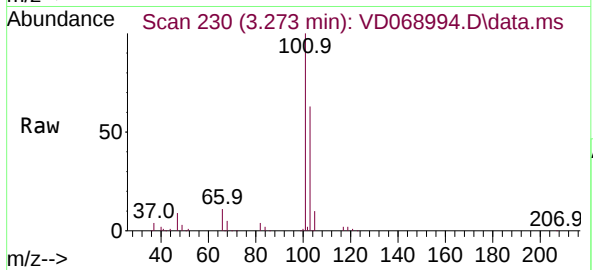




#7  
Trichlorofluoromethane  
Concen: 49.75 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

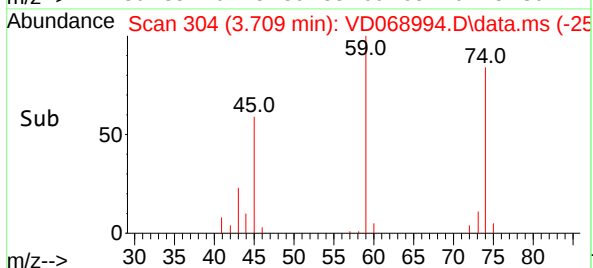
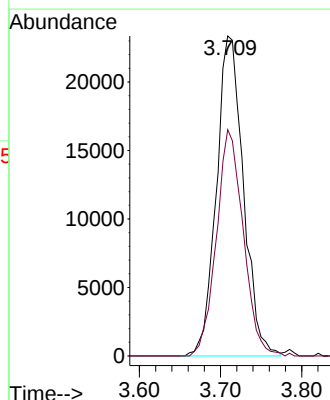
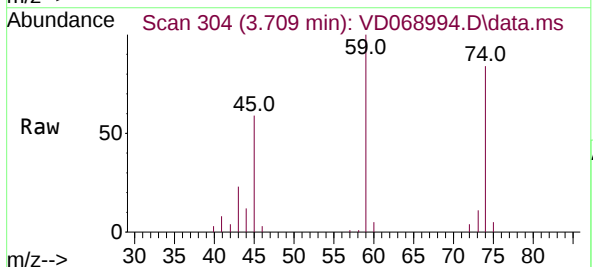
Instrument :  
MSVOA\_D  
ClientSampled :

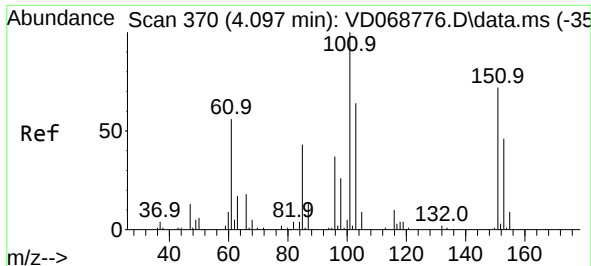
Tgt Ion:101 Resp: 201741  
Ion Ratio Lower Upper  
101 100  
103 63.0 53.4 80.2



#8  
Diethyl Ether  
Concen: 49.31 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 74 Resp: 54002  
Ion Ratio Lower Upper  
74 100  
45 70.4 40.5 121.5

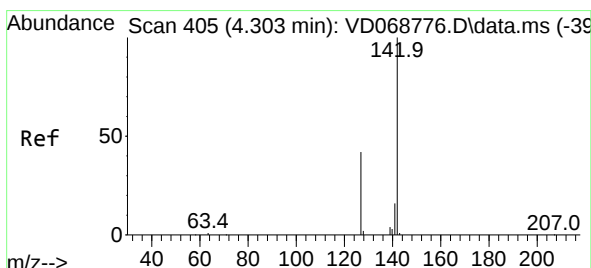
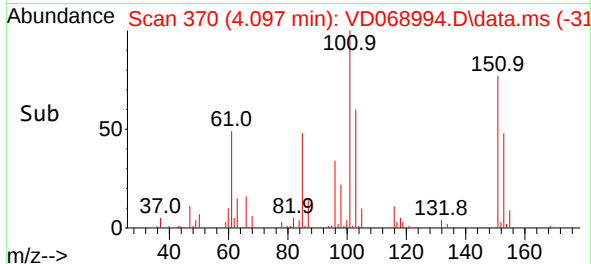
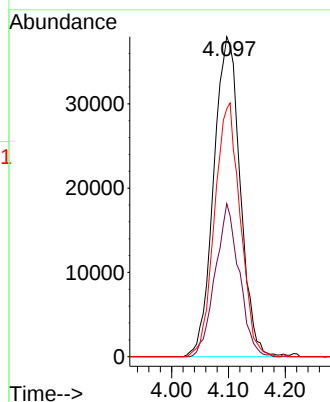
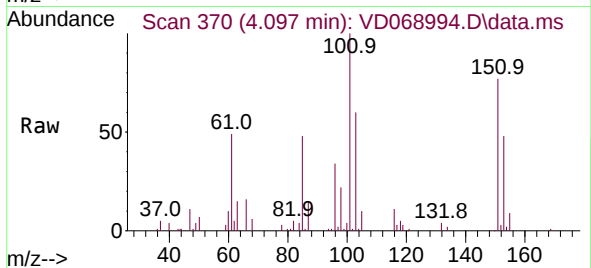




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.21 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

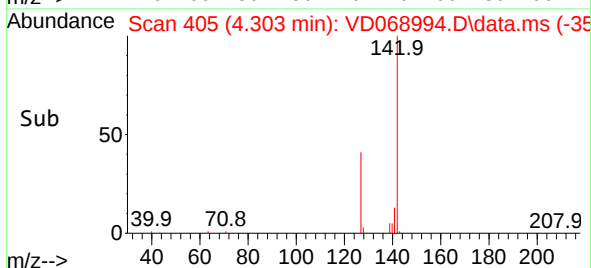
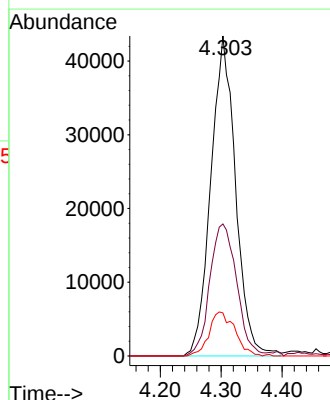
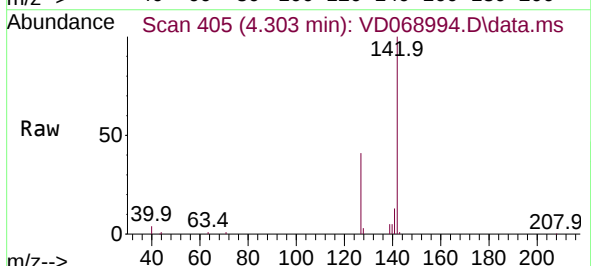
Instrument :  
MSVOA\_D  
ClientSampleId :

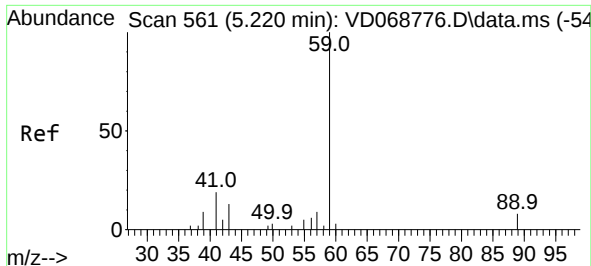
Tgt Ion:101 Resp: 122878  
Ion Ratio Lower Upper  
101 100  
85 43.3 33.8 50.6  
151 76.8 59.4 89.2



#10  
Methyl Iodide  
Concen: 43.12 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion:142 Resp: 122567  
Ion Ratio Lower Upper  
142 100  
127 44.6 34.7 52.1  
141 14.4 11.0 16.4

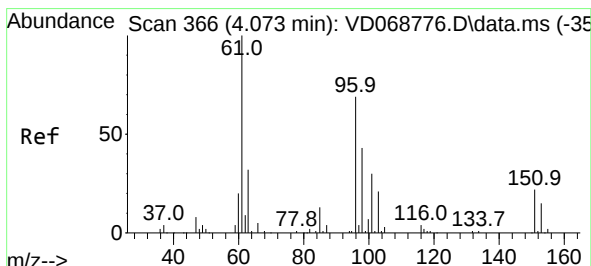
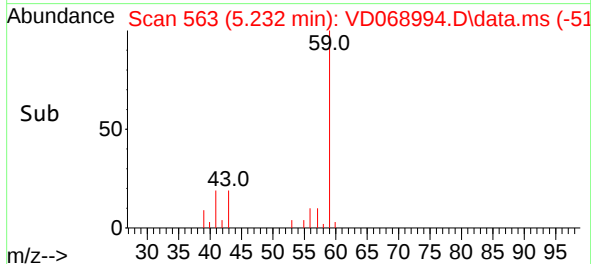
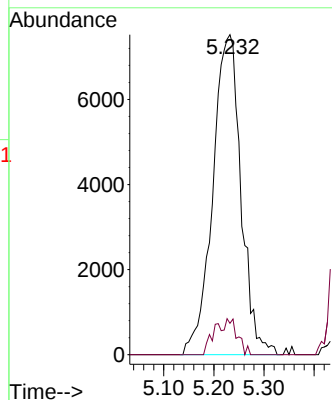
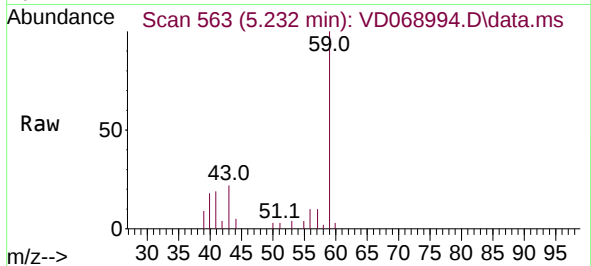




#11  
Tert butyl alcohol  
Concen: 219.54 ug/l  
RT: 5.232 min Scan# 563  
Delta R.T. 0.012 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

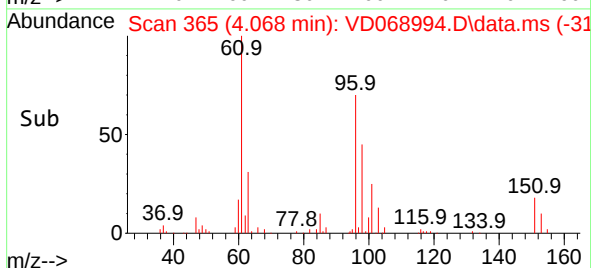
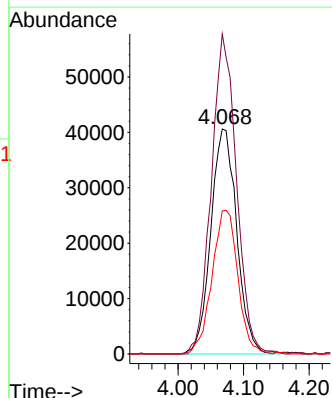
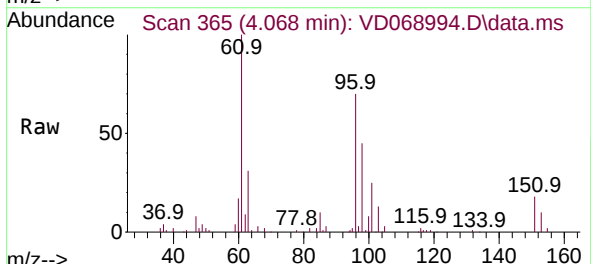
Instrument :  
MSVOA\_D  
ClientSampled :

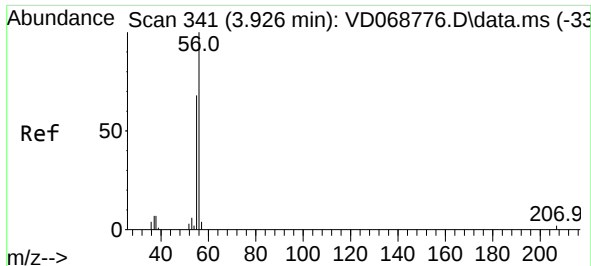
Tgt Ion: 59 Resp: 29488  
Ion Ratio Lower Upper  
59 100  
57 4.6 7.8 11.8#



#12  
1,1-Dichloroethene  
Concen: 47.33 ug/l  
RT: 4.068 min Scan# 365  
Delta R.T. -0.005 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 96 Resp: 111573  
Ion Ratio Lower Upper  
96 100  
61 142.3 112.2 168.2  
98 63.6 50.2 75.2

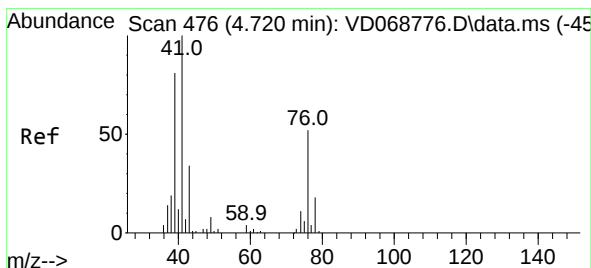
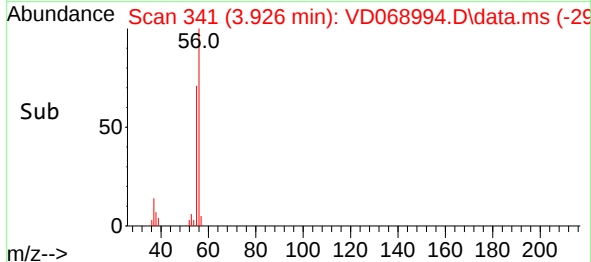
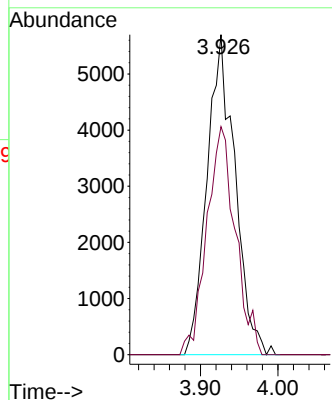
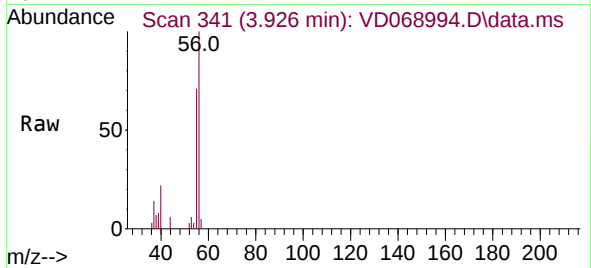




#13  
Acrolein  
Concen: 146.06 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

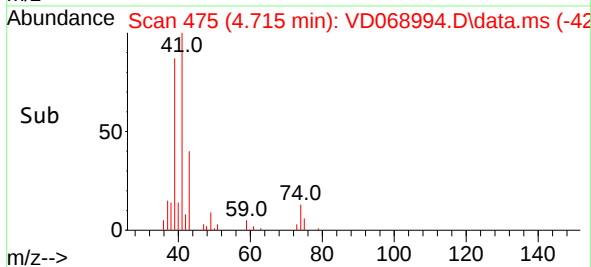
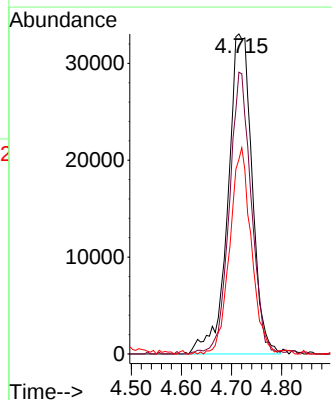
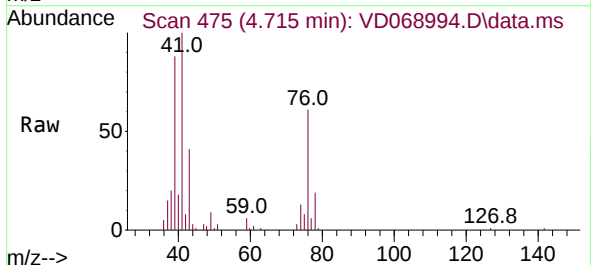
Instrument :  
MSVOA\_D  
ClientSampled :

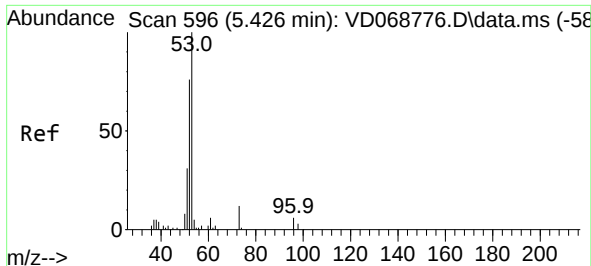
Tgt Ion: 56 Resp: 14309  
Ion Ratio Lower Upper  
56 100  
55 72.8 54.7 82.1



#14  
Allyl chloride  
Concen: 41.60 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.005 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 41 Resp: 110518  
Ion Ratio Lower Upper  
41 100  
39 80.1 60.6 91.0  
76 57.3 40.4 60.6

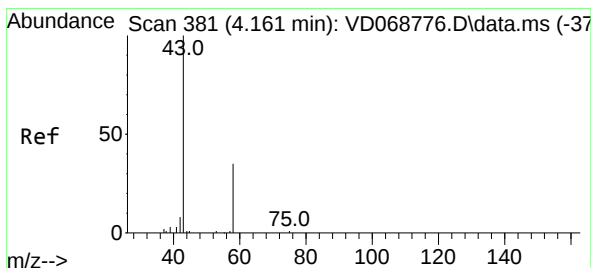
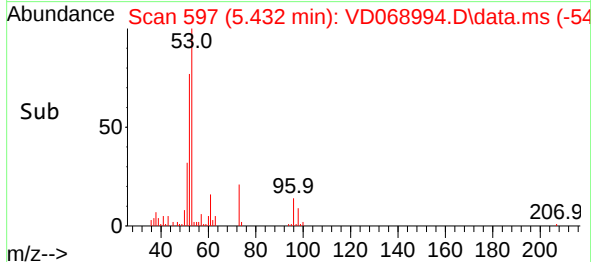
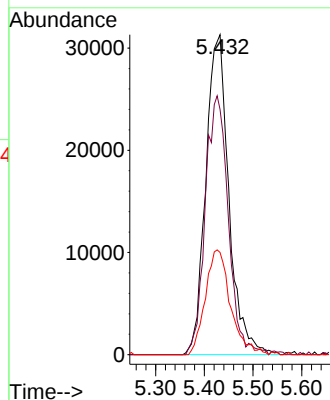
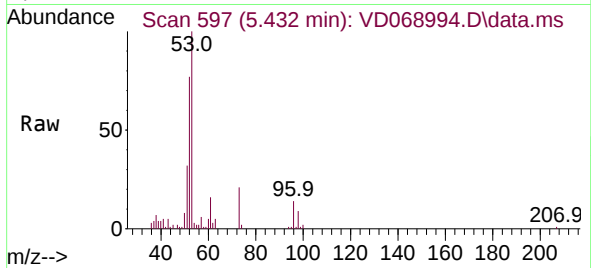




#15  
Acrylonitrile  
Concen: 209.86 ug/l  
RT: 5.432 min Scan# 597  
Delta R.T. 0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

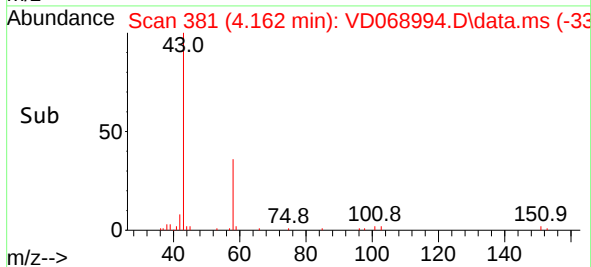
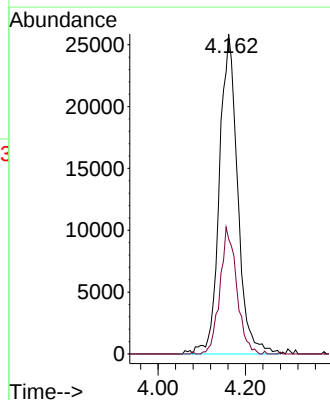
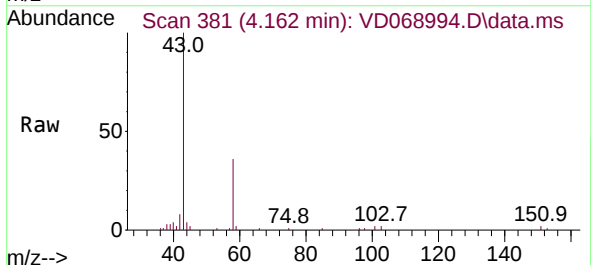
Instrument :  
MSVOA\_D  
ClientSampled :

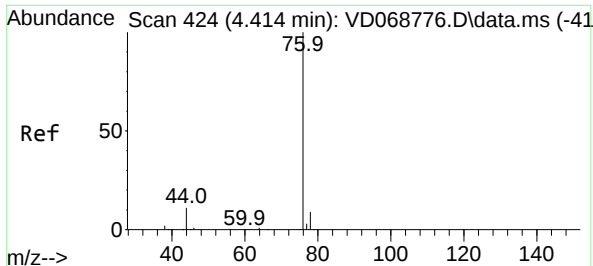
Tgt Ion: 53 Resp: 103153  
Ion Ratio Lower Upper  
53 100  
52 80.6 63.3 94.9  
51 35.7 28.3 42.5



#16  
Acetone  
Concen: 216.95 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.001 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 43 Resp: 74777  
Ion Ratio Lower Upper  
43 100  
58 35.9 28.0 42.0

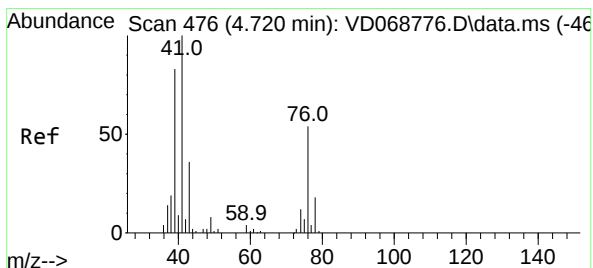
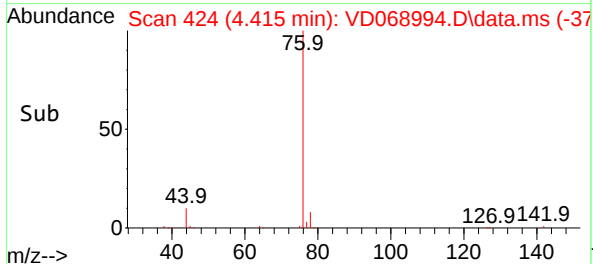
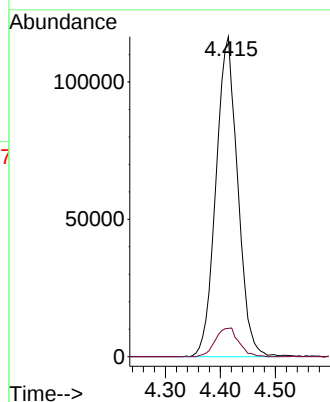
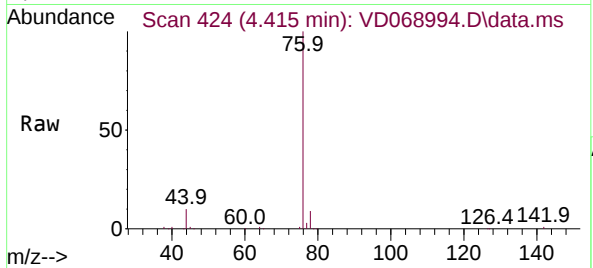




#17  
Carbon Disulfide  
Concen: 42.03 ug/l  
RT: 4.415 min Scan# 424  
Delta R.T. 0.001 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

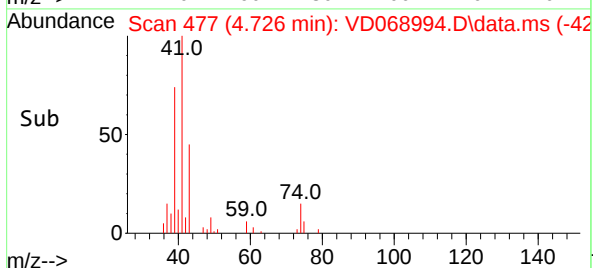
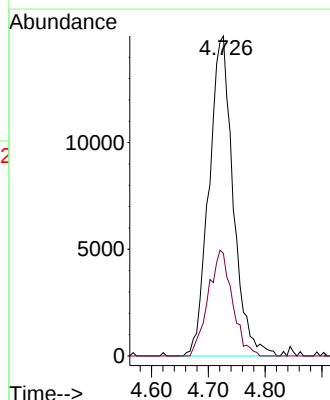
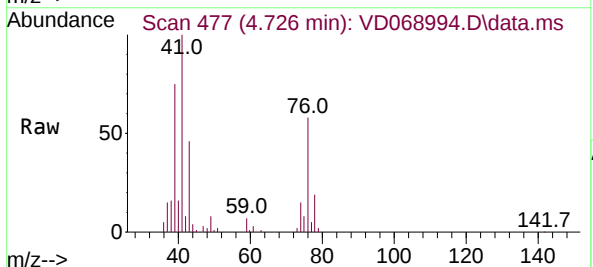
Instrument :  
MSVOA\_D  
ClientSampled :

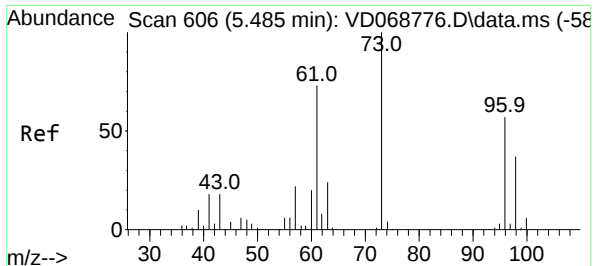
Tgt Ion: 76 Resp: 320662  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.3 10.9



#18  
Methyl Acetate  
Concen: 46.73 ug/l  
RT: 4.726 min Scan# 477  
Delta R.T. 0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 43 Resp: 44247  
Ion Ratio Lower Upper  
43 100  
74 33.1 25.4 38.2



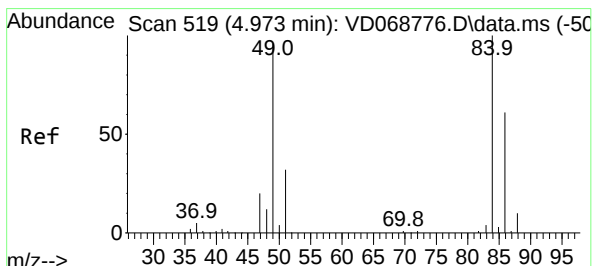
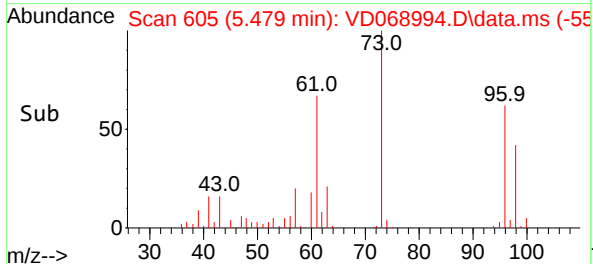
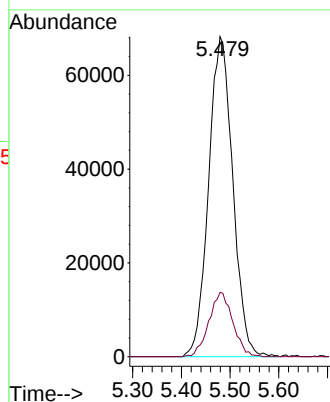
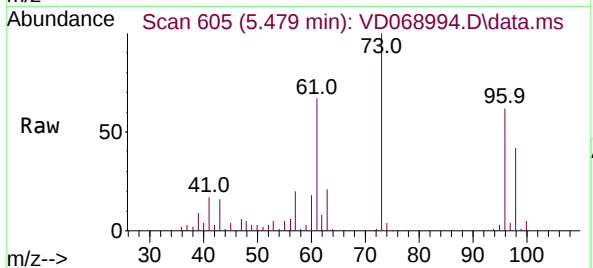


#19

Methyl tert-butyl Ether  
Concen: 44.95 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Instrument :  
MSVOA\_D  
ClientSampled :

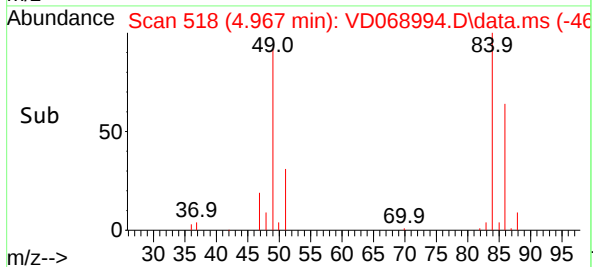
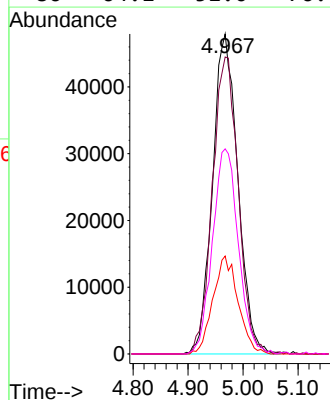
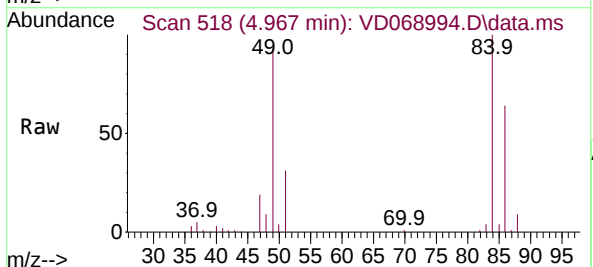
Tgt Ion: 73 Resp: 235129  
Ion Ratio Lower Upper  
73 100  
57 20.1 17.3 25.9

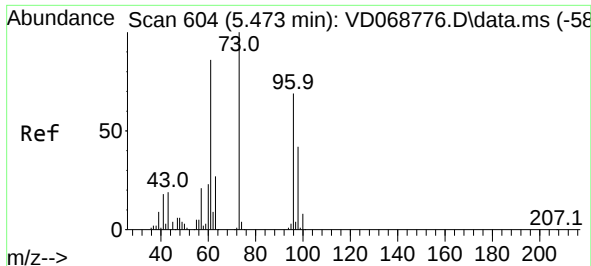


#20

Methylene Chloride  
Concen: 55.39 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. -0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 84 Resp: 153187  
Ion Ratio Lower Upper  
84 100  
49 92.8 83.4 125.0  
51 30.6 23.4 35.2  
86 64.1 51.0 76.4

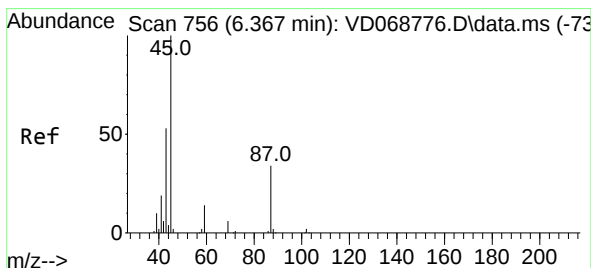
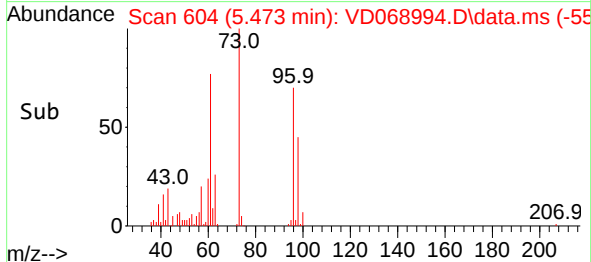
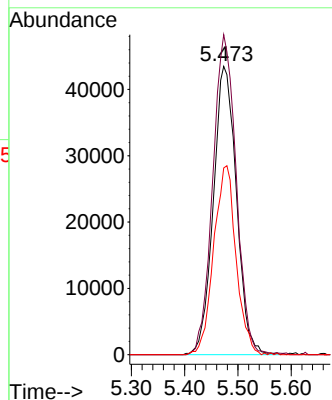
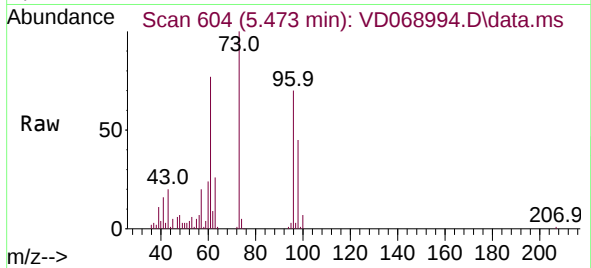




#21  
trans-1,2-Dichloroethene  
Concen: 43.35 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

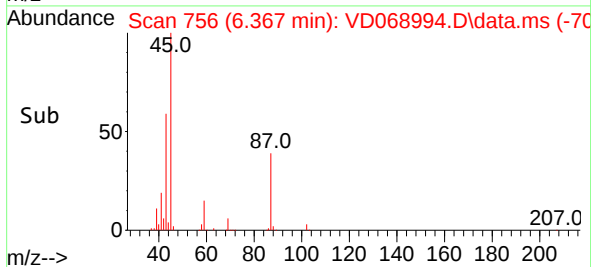
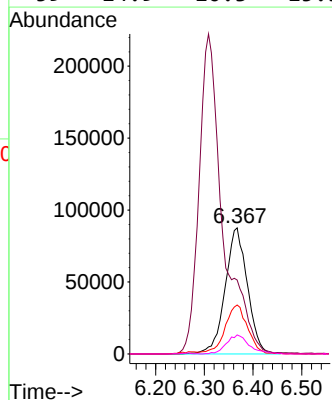
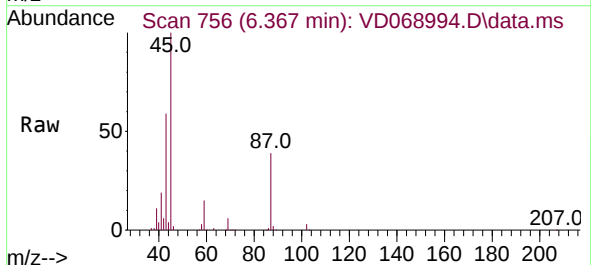
Instrument :  
MSVOA\_D  
ClientSampleId :

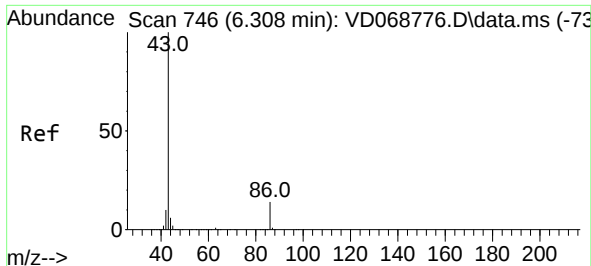
Tgt Ion: 96 Resp: 131225  
Ion Ratio Lower Upper  
96 100  
61 111.0 91.8 137.6  
98 64.7 49.3 73.9



#22  
Diisopropyl ether  
Concen: 43.26 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 45 Resp: 278488  
Ion Ratio Lower Upper  
45 100  
43 57.4 41.8 62.8  
87 38.5 29.2 43.8  
59 14.9 10.3 15.5

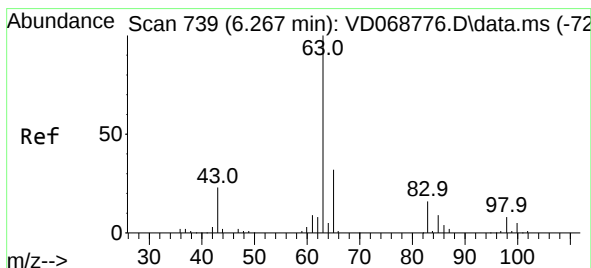
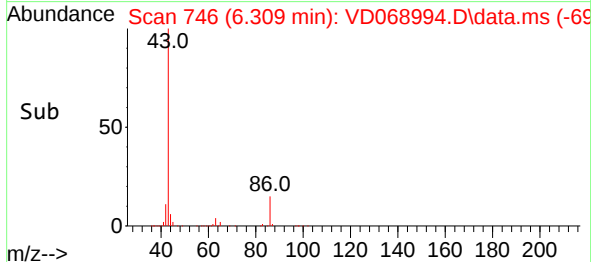
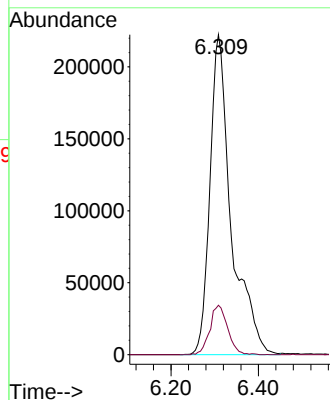
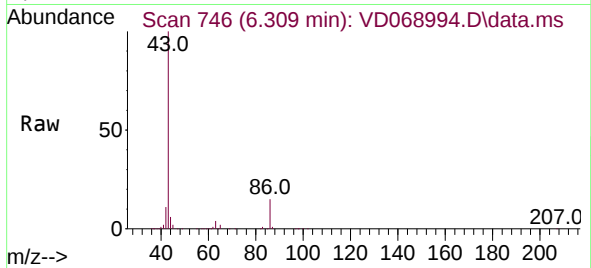




#23  
 Vinyl Acetate  
 Concen: 220.90 ug/l  
 RT: 6.309 min Scan# 746  
 Delta R.T. 0.001 min  
 Lab File: VD068994.D  
 Acq: 26 Apr 2021 17:53

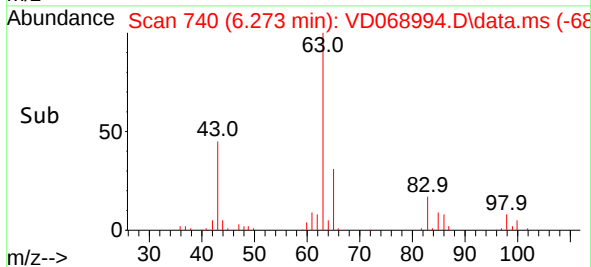
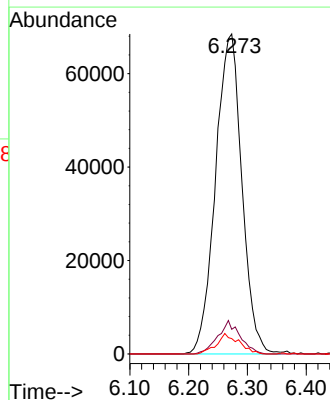
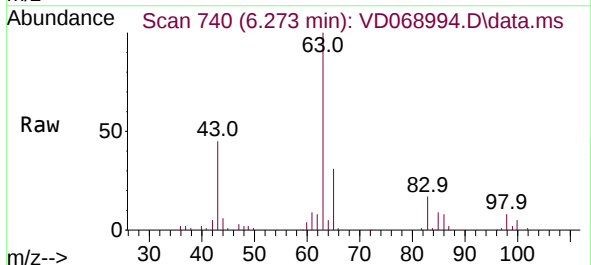
Instrument :  
 MSVOA\_D  
 ClientSampled :

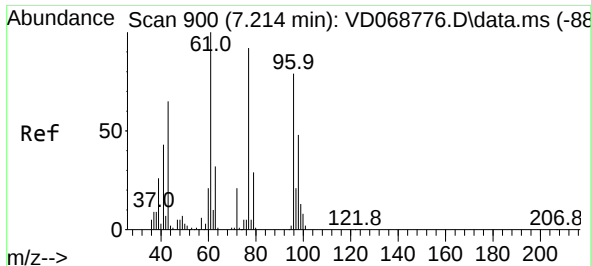
Tgt Ion: 43 Resp: 753586  
 Ion Ratio Lower Upper  
 43 100  
 86 15.5 11.0 16.6



#24  
 1,1-Dichloroethane  
 Concen: 43.99 ug/l  
 RT: 6.273 min Scan# 740  
 Delta R.T. 0.006 min  
 Lab File: VD068994.D  
 Acq: 26 Apr 2021 17:53

Tgt Ion: 63 Resp: 213483  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.8 11.2  
 100 4.8 2.3 6.9





#25

2-Butanone

Concen: 233.52 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD068994.D

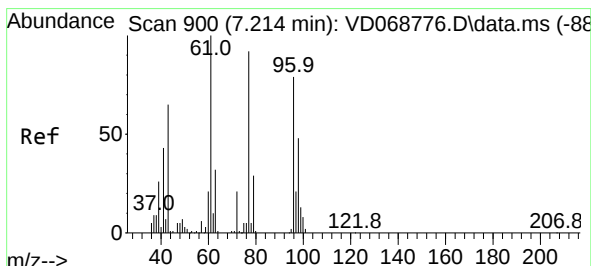
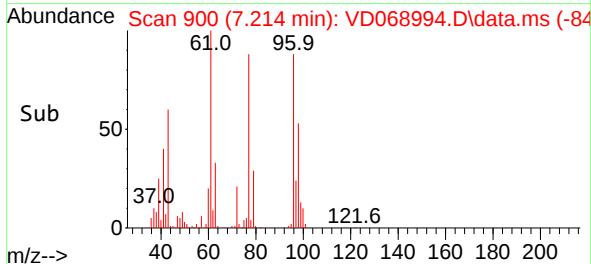
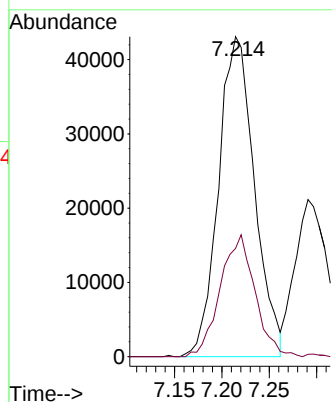
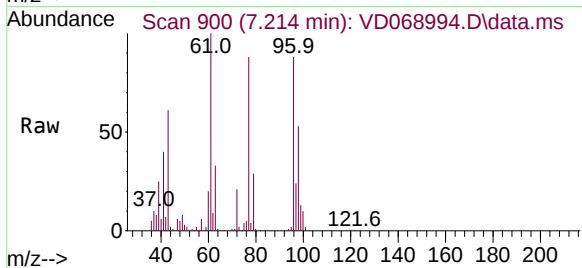
Acq: 26 Apr 2021 17:53

Tgt Ion: 43 Resp: 113893

Ion Ratio Lower Upper

43 100

72 33.9 28.6 43.0



#26

2,2-Dichloropropane

Concen: 47.24 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.005 min

Lab File: VD068994.D

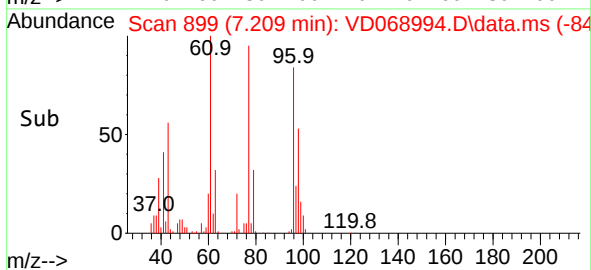
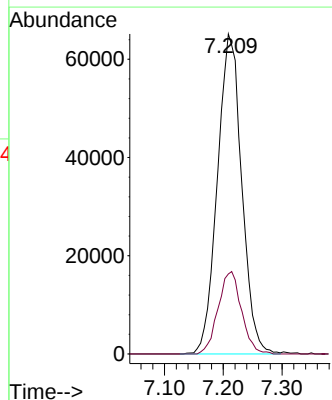
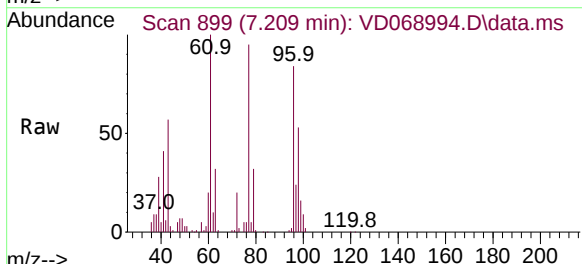
Acq: 26 Apr 2021 17:53

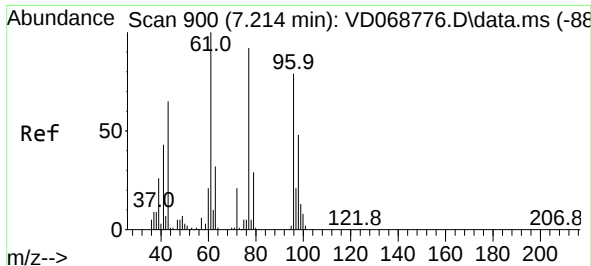
Tgt Ion: 77 Resp: 187272

Ion Ratio Lower Upper

77 100

97 24.7 12.0 36.1

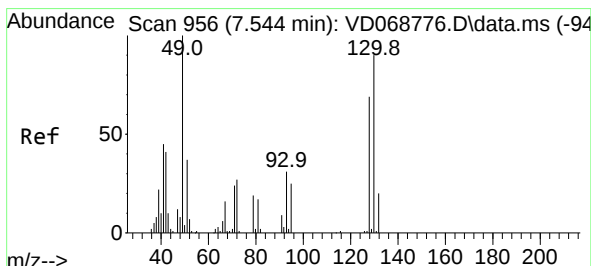
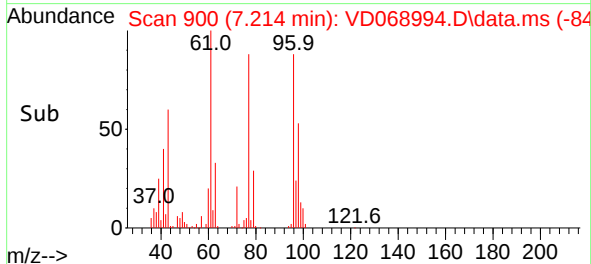
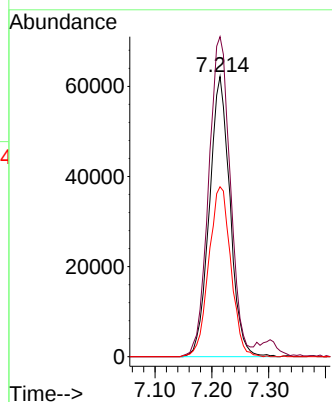
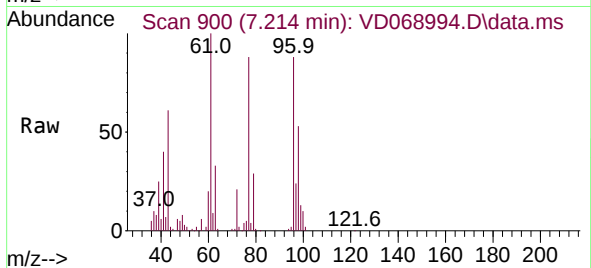




#27  
 cis-1,2-Dichloroethene  
 Concen: 52.09 ug/l  
 RT: 7.214 min Scan# 900  
 Delta R.T. 0.000 min  
 Lab File: VD068994.D  
 Acq: 26 Apr 2021 17:53

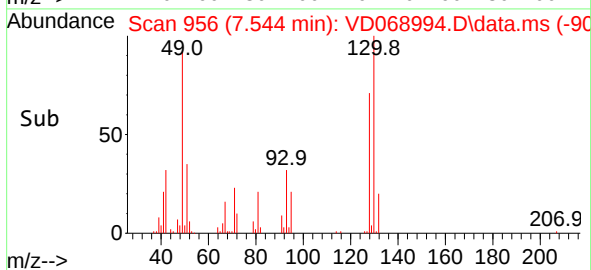
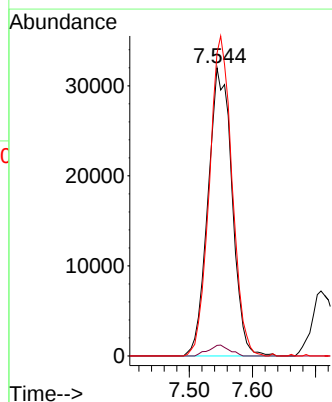
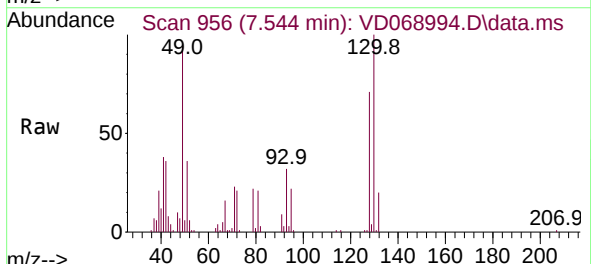
Instrument :  
 MSVOA\_D  
 ClientSampleId :

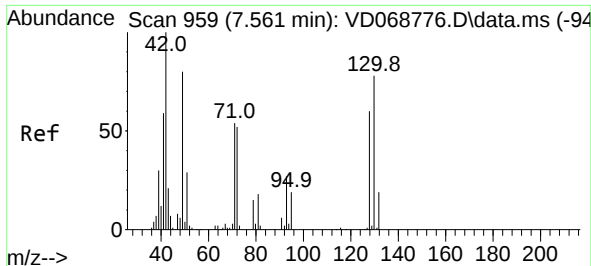
Tgt Ion: 96 Resp: 156719  
 Ion Ratio Lower Upper  
 96 100  
 61 119.9 0.0 258.8  
 98 64.8 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 48.23 ug/l  
 RT: 7.544 min Scan# 956  
 Delta R.T. -0.000 min  
 Lab File: VD068994.D  
 Acq: 26 Apr 2021 17:53

Tgt Ion: 49 Resp: 84483  
 Ion Ratio Lower Upper  
 49 100  
 129 3.3 0.0 5.2  
 130 104.8 74.6 112.0





#29

Tetrahydrofuran

Concen: 216.82 ug/l

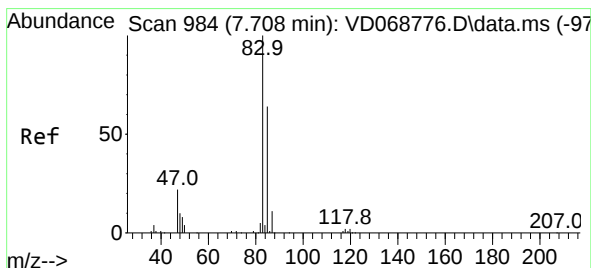
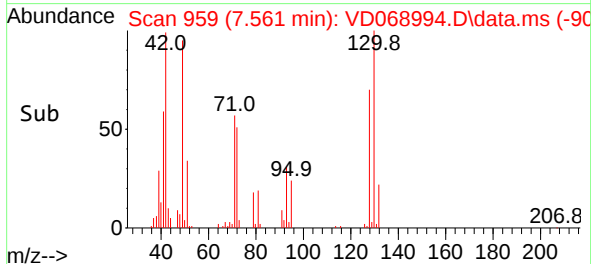
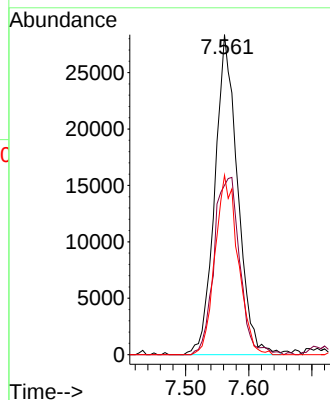
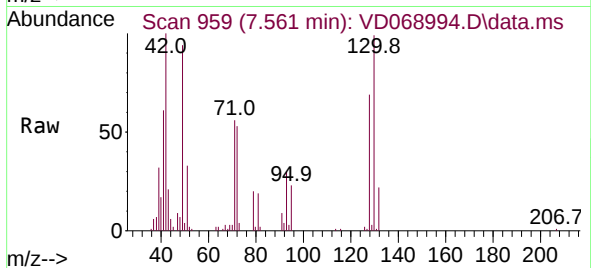
RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD068994.D

Acq: 26 Apr 2021 17:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 71119 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 62.3  | 45.2  | 67.8  |
| 71       | 56.6  | 40.8  | 61.2  |



#30

Chloroform

Concen: 47.10 ug/l

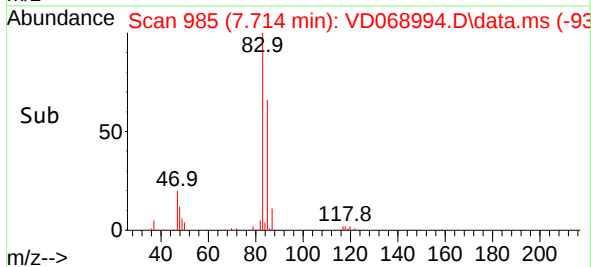
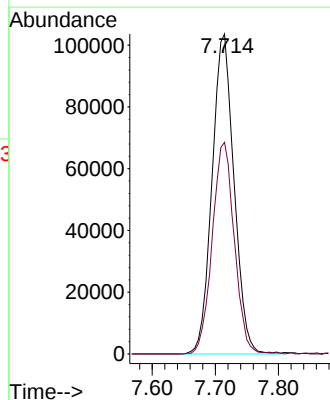
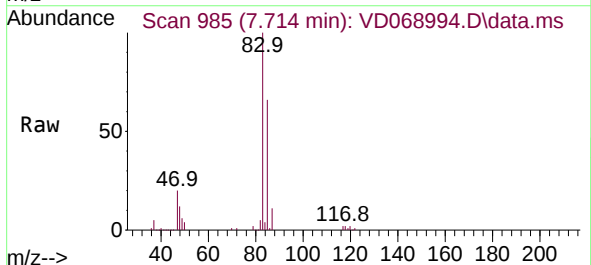
RT: 7.714 min Scan# 985

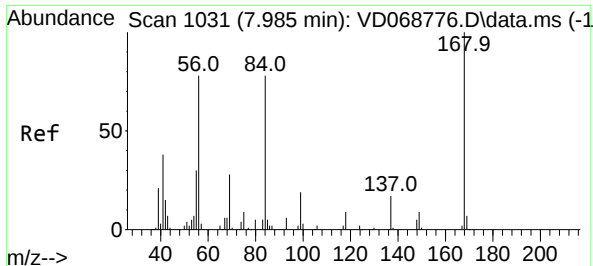
Delta R.T. 0.006 min

Lab File: VD068994.D

Acq: 26 Apr 2021 17:53

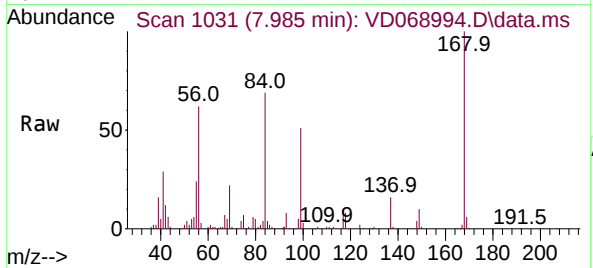
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 250204 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 66.1  | 53.3  | 79.9   |



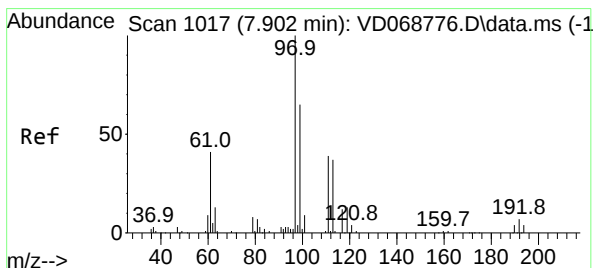
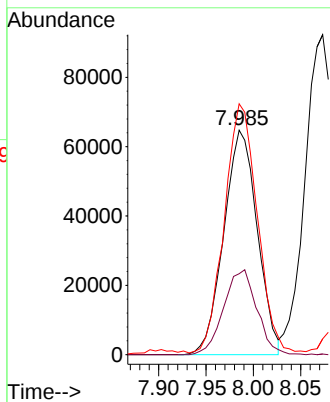
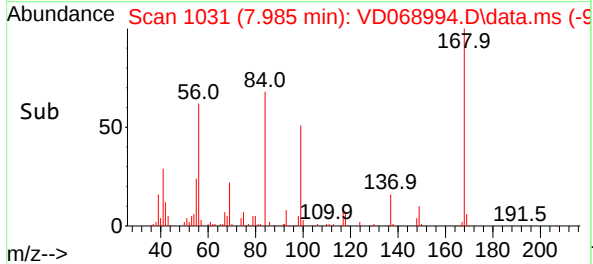


#31  
Cyclohexane  
Concen: 38.48 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

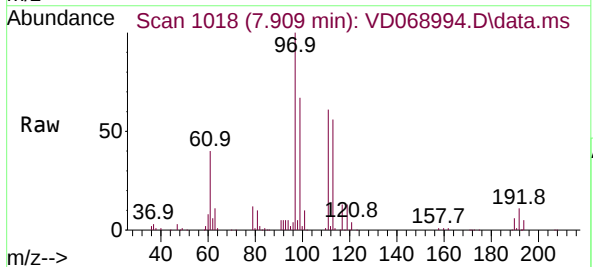
Instrument :  
MSVOA\_D  
ClientSampleId :



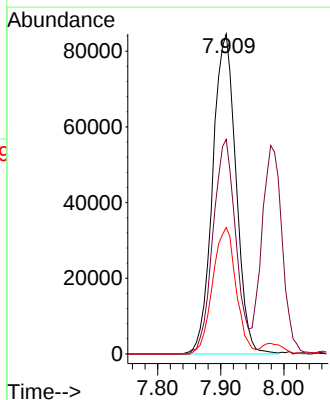
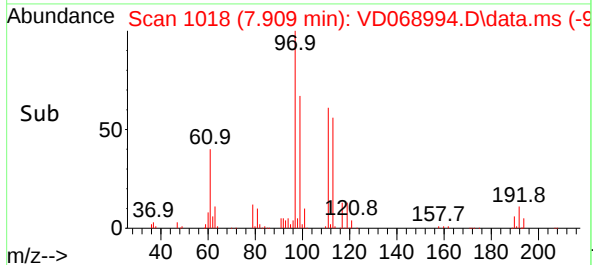
Tgt Ion: 56 Resp: 159380  
Ion Ratio Lower Upper  
56 100  
69 36.1 30.0 45.0  
84 110.7 82.0 123.0

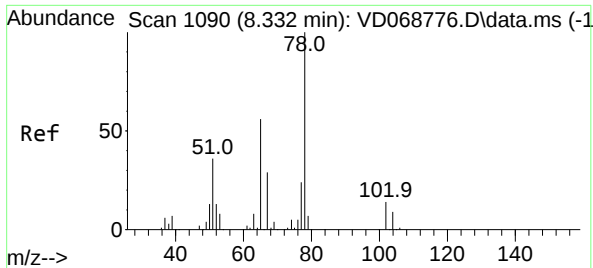


#32  
1,1,1-Trichloroethane  
Concen: 46.70 ug/l  
RT: 7.909 min Scan# 1018  
Delta R.T. 0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53



Tgt Ion: 97 Resp: 216760  
Ion Ratio Lower Upper  
97 100  
99 65.1 50.8 76.2  
61 39.6 33.7 50.5

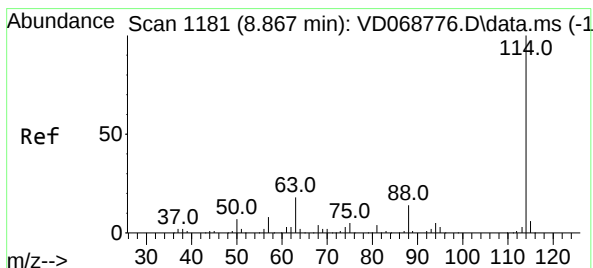
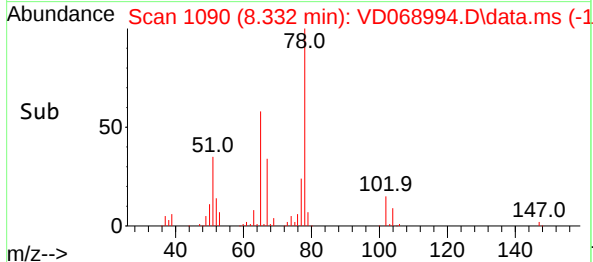
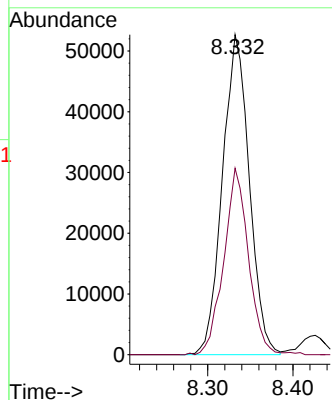
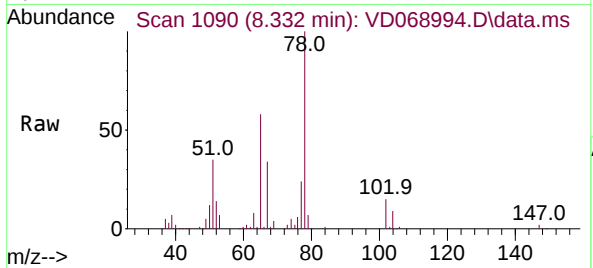




#33  
1,2-Dichloroethane-d4  
Concen: 46.43 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

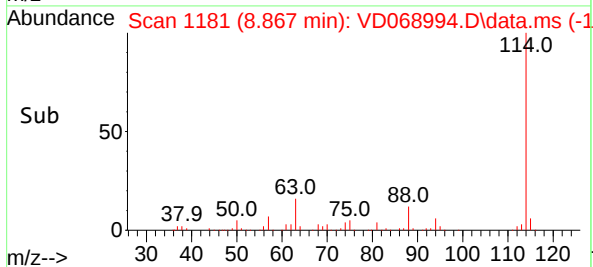
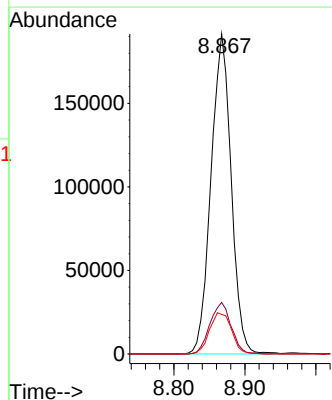
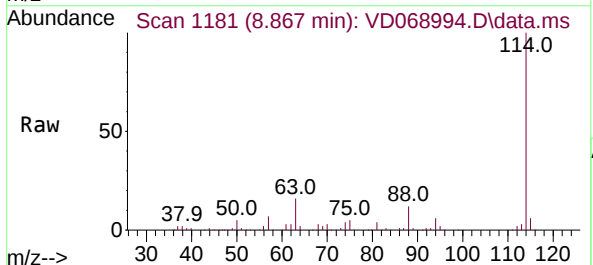
Instrument :  
MSVOA\_D  
ClientSampleId :

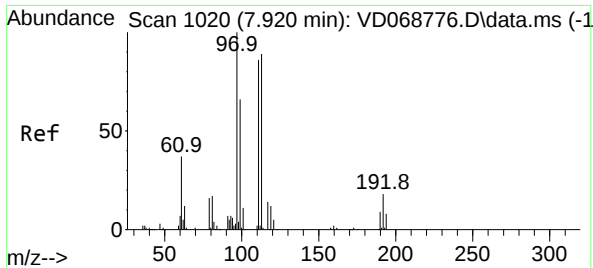
Tgt Ion: 65 Resp: 115567  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 106.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 114 Resp: 377239  
Ion Ratio Lower Upper  
114 100  
63 16.1 0.0 38.2  
88 12.4 0.0 29.4

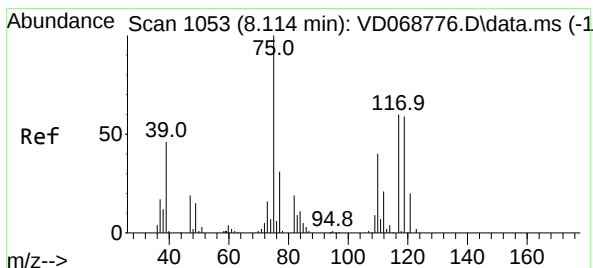
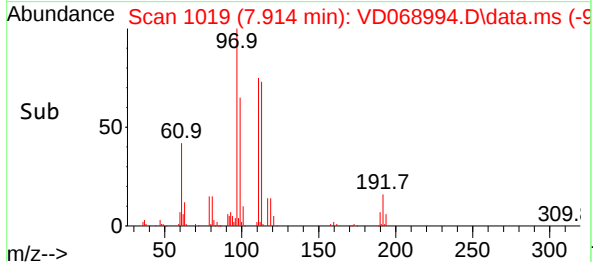
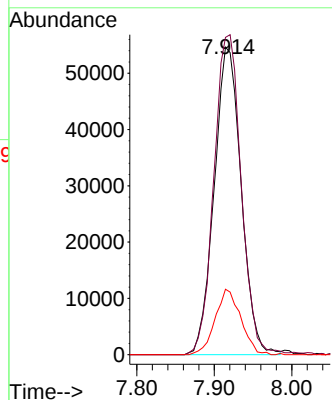
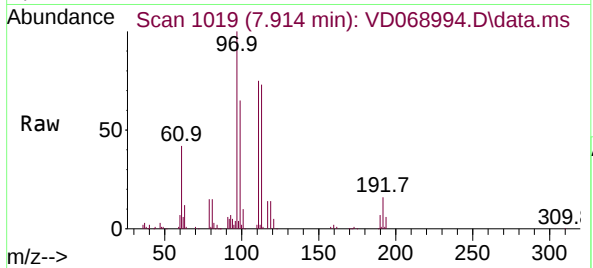




#35  
Dibromofluoromethane  
Concen: 54.01 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

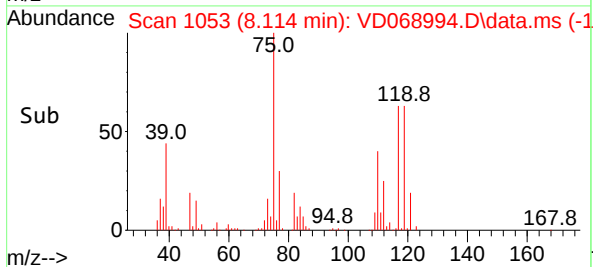
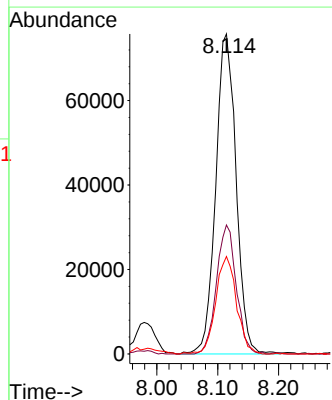
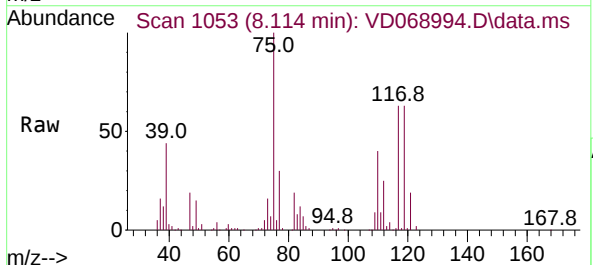
Instrument :  
MSVOA\_D  
ClientSampled :

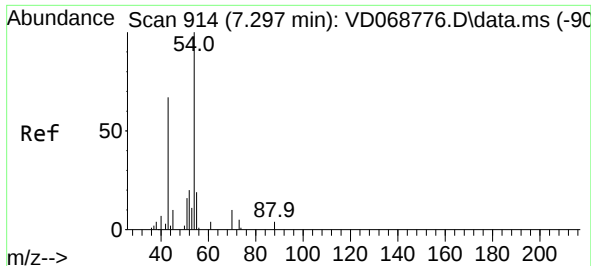
Tgt Ion:113 Resp: 132537  
Ion Ratio Lower Upper  
113 100  
111 105.5 82.5 123.7  
192 20.2 15.1 22.7



#36  
1,1-Dichloropropene  
Concen: 46.15 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 75 Resp: 176232  
Ion Ratio Lower Upper  
75 100  
110 39.2 18.1 54.4  
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 47.93 ug/l

RT: 7.291 min Scan# 913

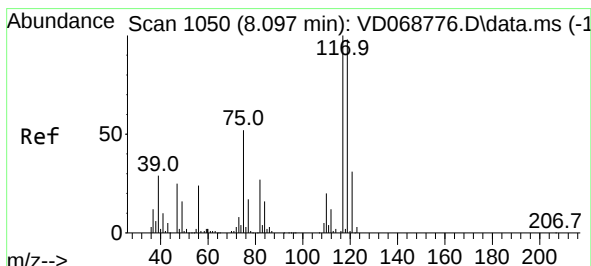
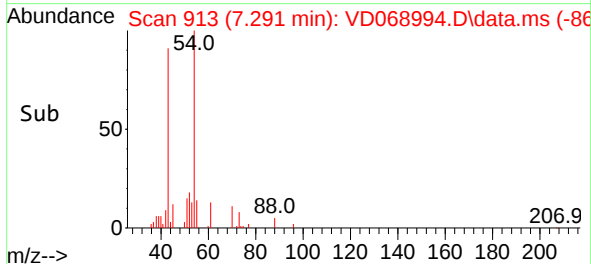
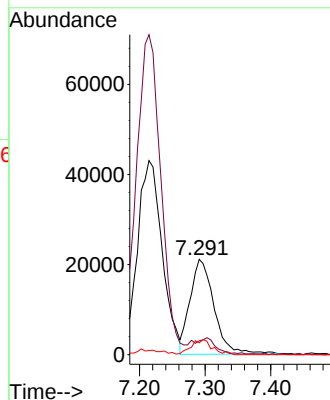
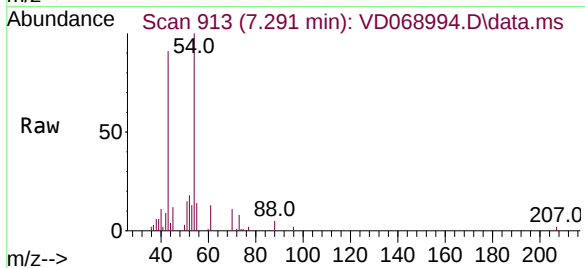
Delta R.T. -0.006 min

Lab File: VD068994.D

Acq: 26 Apr 2021 17:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 53759 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.3  | 14.2  | 21.4  |
| 70       | 13.9  | 9.4   | 14.0  |

Instrument :  
MSVOA\_D  
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 51.27 ug/l

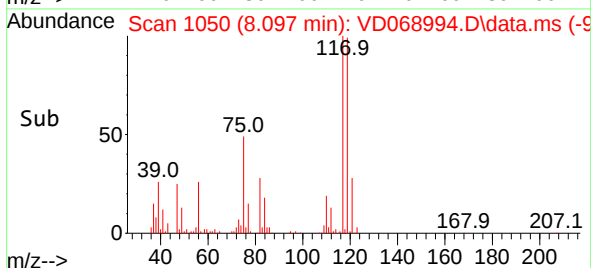
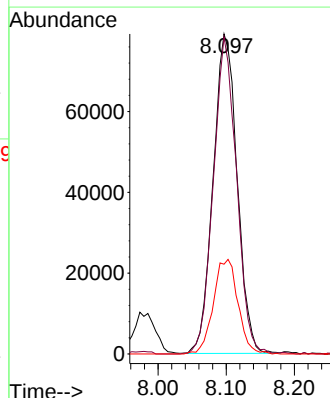
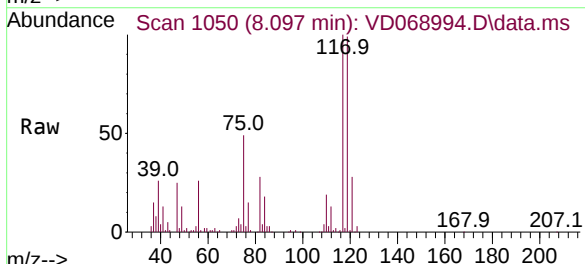
RT: 8.097 min Scan# 1050

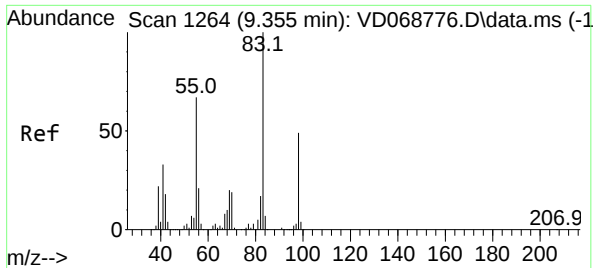
Delta R.T. -0.000 min

Lab File: VD068994.D

Acq: 26 Apr 2021 17:53

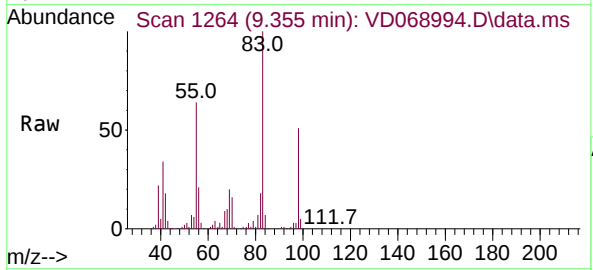
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 193806 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 99.2  | 76.6  | 115.0  |
| 121      | 28.1  | 26.1  | 39.1   |



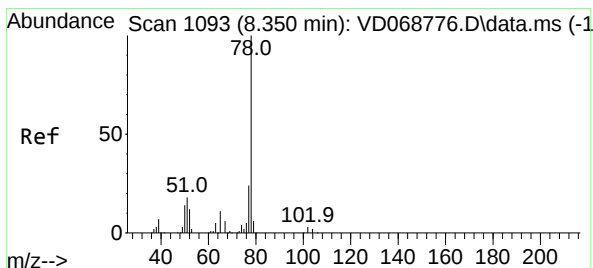
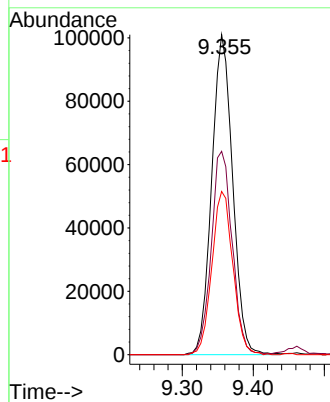
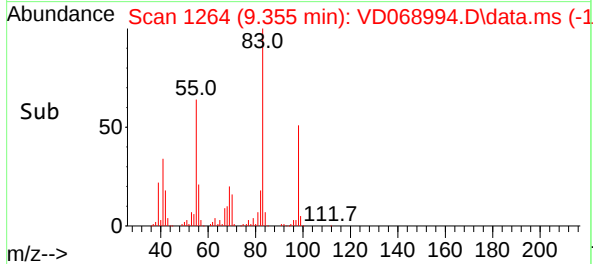


#39  
Methylcyclohexane  
Concen: 46.33 ug/l  
RT: 9.355 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

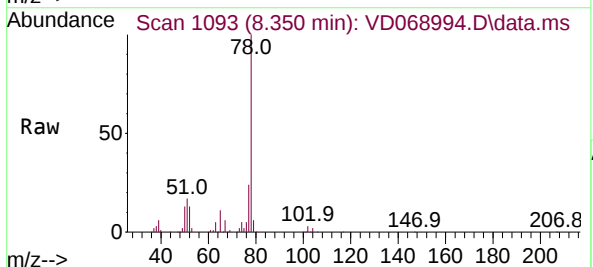
Instrument :  
MSVOA\_D  
ClientSampled :



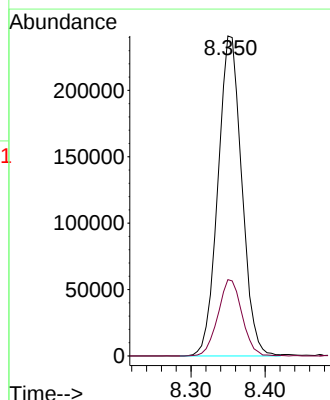
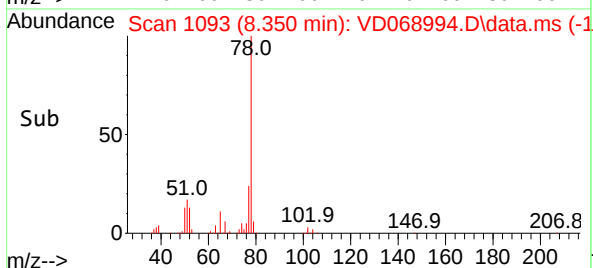
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 206294 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 63.5  | 51.7  | 77.5   |
| 98        | 51.0  | 38.8  | 58.2   |

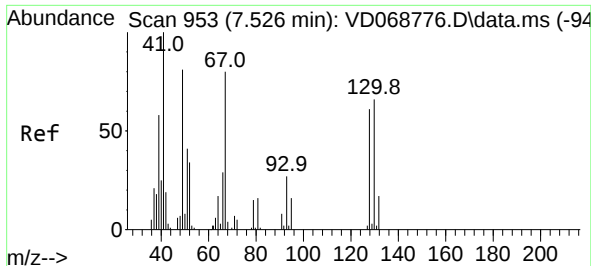


#40  
Benzene  
Concen: 48.18 ug/l  
RT: 8.350 min Scan# 1093  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 78    | Resp: | 538333 |
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.8  | 18.2  | 27.2   |

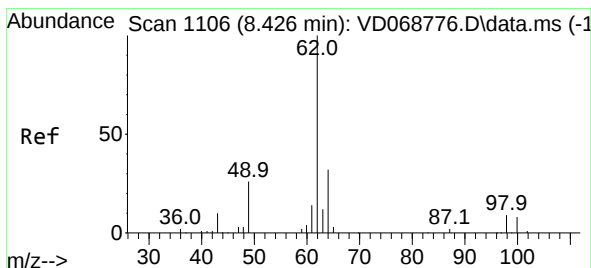
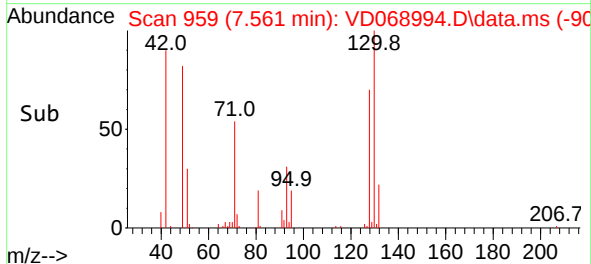
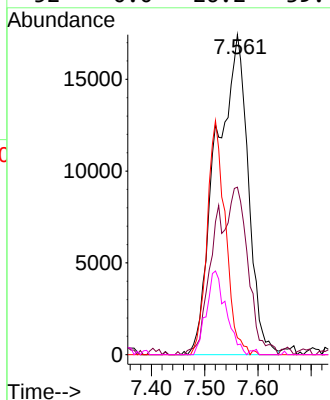
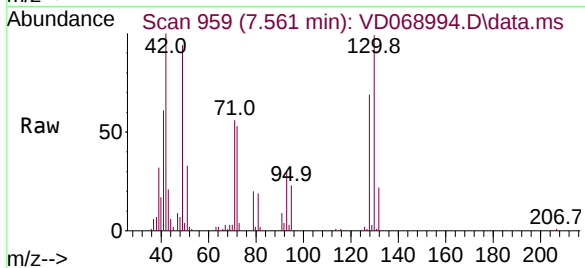




#41  
Methacrylonitrile  
Concen: 109.37 ug/l  
RT: 7.561 min Scan# 959  
Delta R.T. 0.035 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

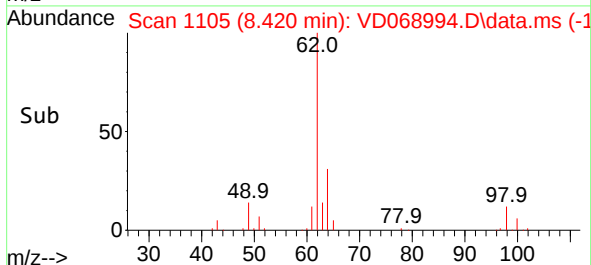
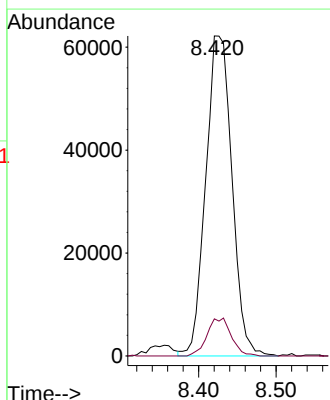
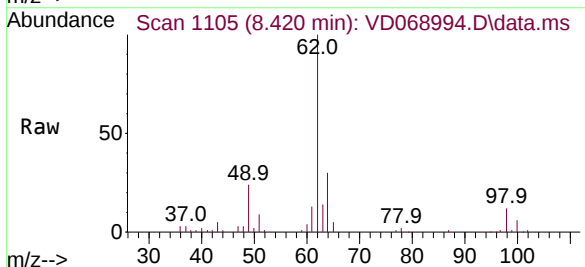
Instrument :  
MSVOA\_D  
ClientSampled :

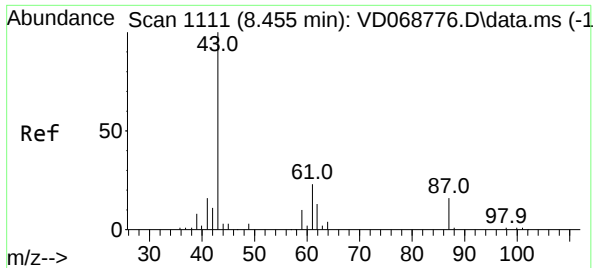
Tgt Ion: 41 Resp: 72621  
Ion Ratio Lower Upper  
41 100  
39 32.5 43.2 64.8#  
67 0.0 63.9 95.9#  
52 0.0 26.2 39.4#



#42  
1,2-Dichloroethane  
Concen: 49.60 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 62 Resp: 146510  
Ion Ratio Lower Upper  
62 100  
98 10.9 0.0 22.6

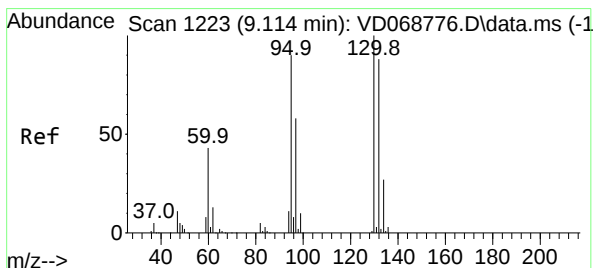
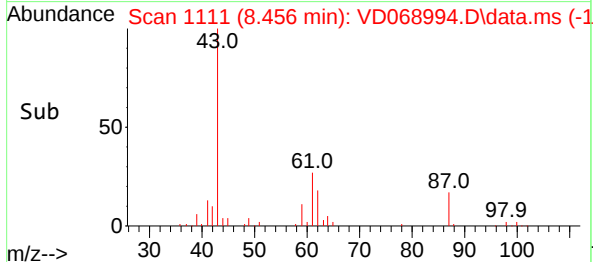
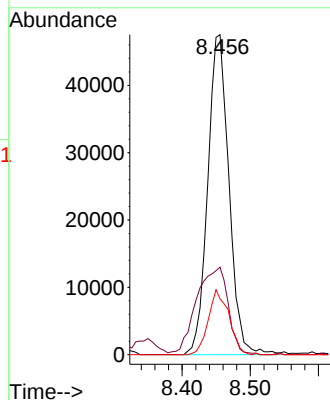
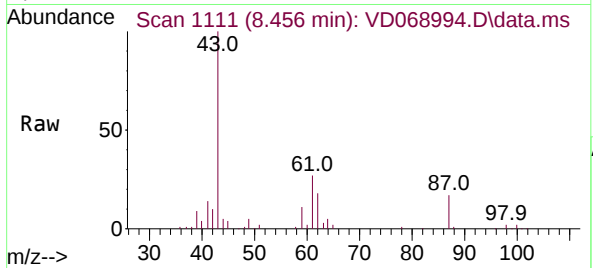




#43  
Isopropyl Acetate  
Concen: 45.11 ug/l  
RT: 8.456 min Scan# 1111  
Delta R.T. 0.001 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

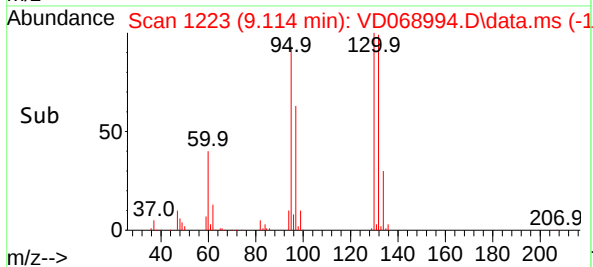
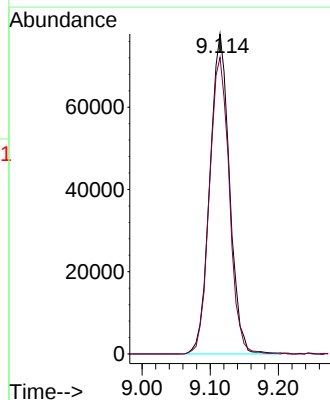
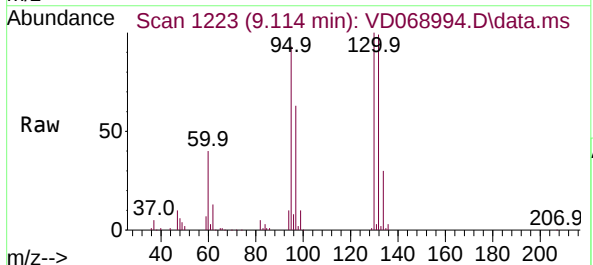
Instrument :  
MSVOA\_D  
ClientSampled :

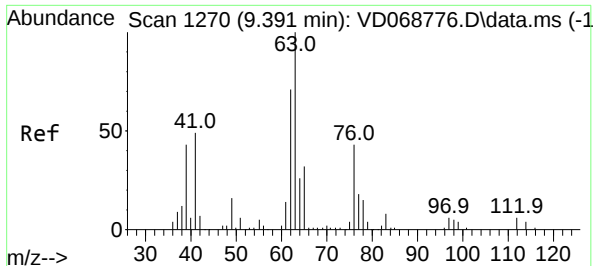
Tgt Ion: 43 Resp: 103147  
Ion Ratio Lower Upper  
43 100  
61 40.6 29.5 44.3  
87 19.7 13.5 20.3



#44  
Trichloroethene  
Concen: 50.59 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion:130 Resp: 156137  
Ion Ratio Lower Upper  
130 100  
95 92.7 0.0 203.8





#45

1,2-Dichloropropane

Concen: 48.38 ug/l

RT: 9.391 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VD068994.D

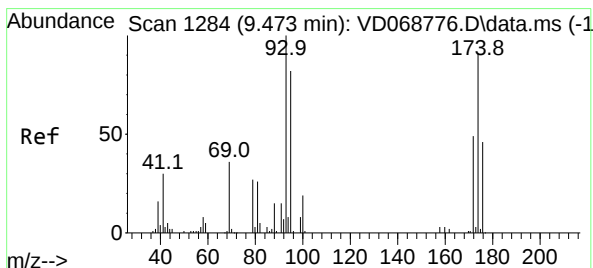
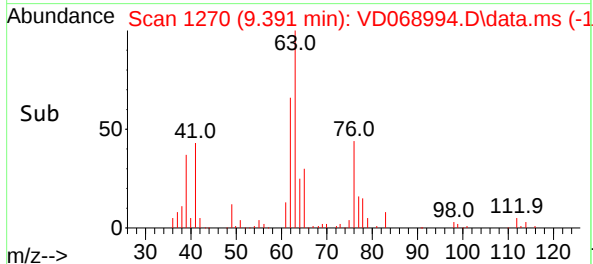
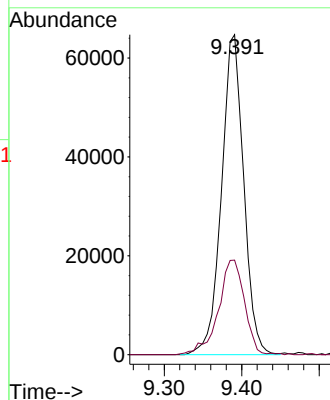
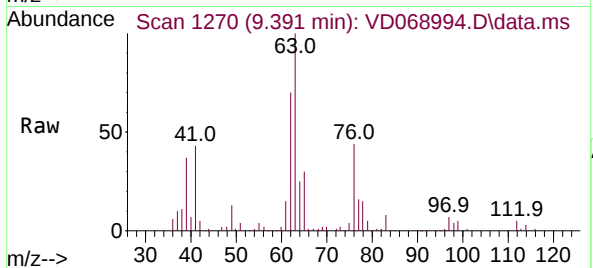
Acq: 26 Apr 2021 17:53

Tgt Ion: 63 Resp: 129134

Ion Ratio Lower Upper

63 100

65 29.3 27.0 40.4



#46

Dibromomethane

Concen: 52.28 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD068994.D

Acq: 26 Apr 2021 17:53

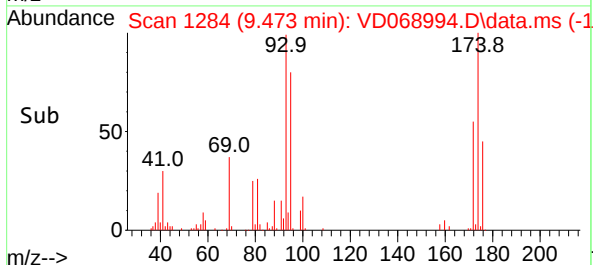
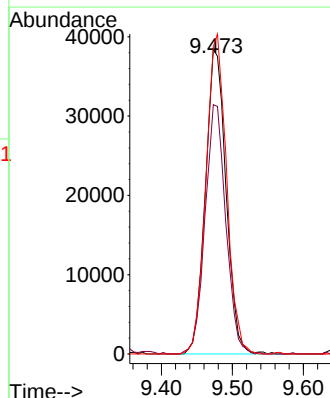
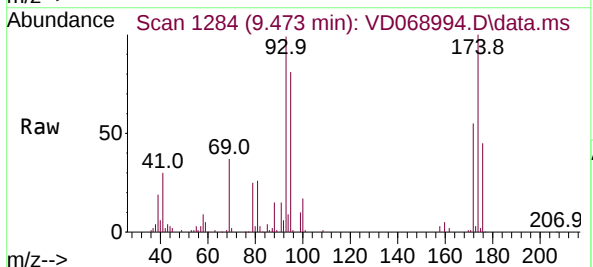
Tgt Ion: 93 Resp: 77725

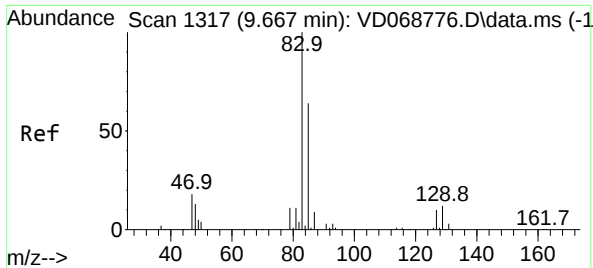
Ion Ratio Lower Upper

93 100

95 82.0 64.5 96.7

174 104.9 75.3 112.9

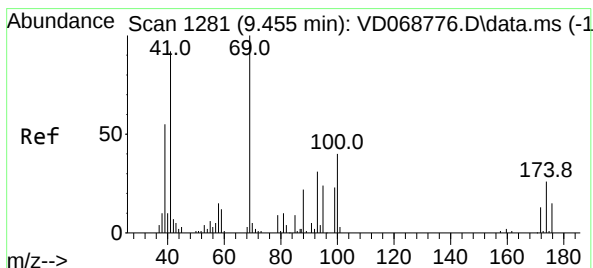
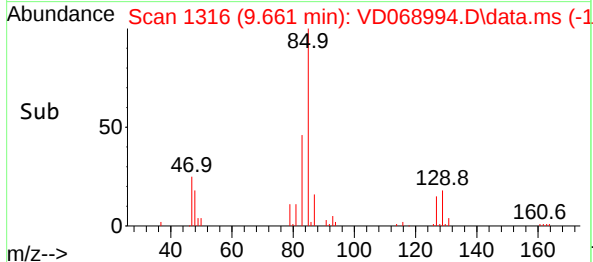
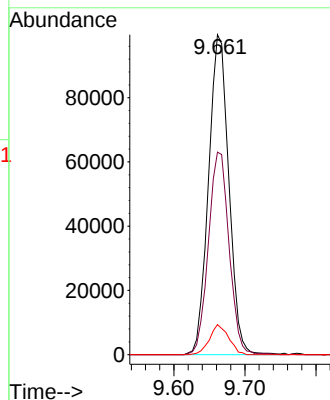
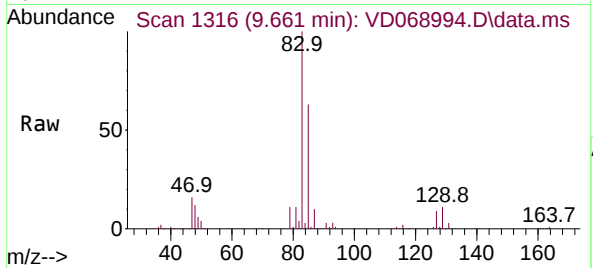




#47  
Bromodichloromethane  
Concen: 50.90 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

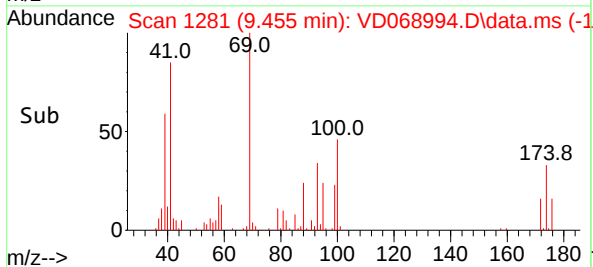
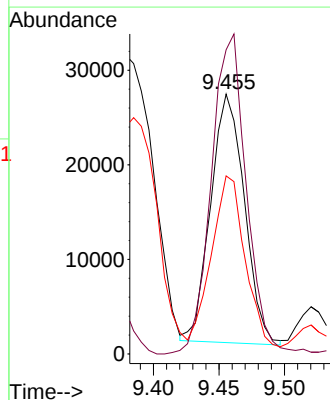
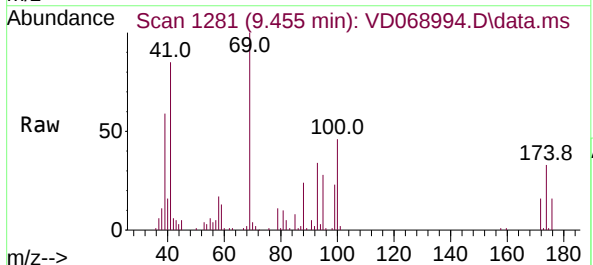
Instrument :  
MSVOA\_D  
ClientSampled :

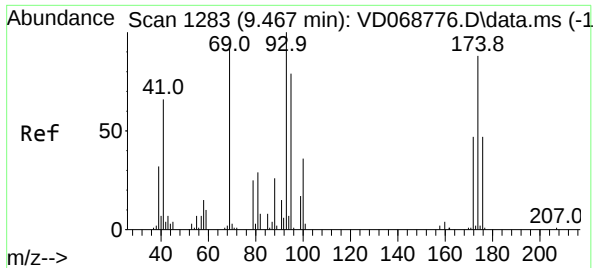
Tgt Ion: 83 Resp: 197682  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.0 76.6  
127 9.4 7.1 10.7



#48  
Methyl methacrylate  
Concen: 41.75 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 41 Resp: 47046  
Ion Ratio Lower Upper  
41 100  
69 134.0 83.0 124.6#  
39 74.7 47.0 70.6#





#49

1,4-Dioxane

Concen: 1143.36 ug/l

RT: 9.467 min Scan# 1283

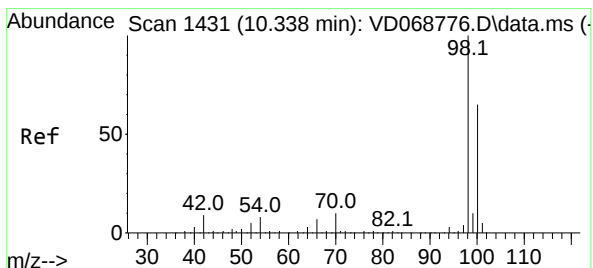
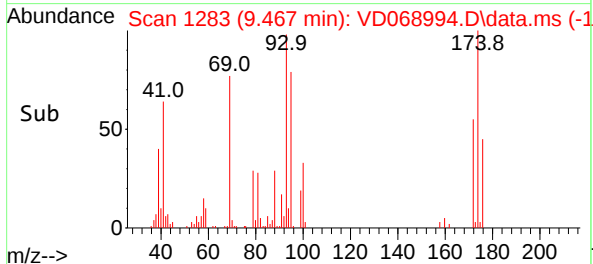
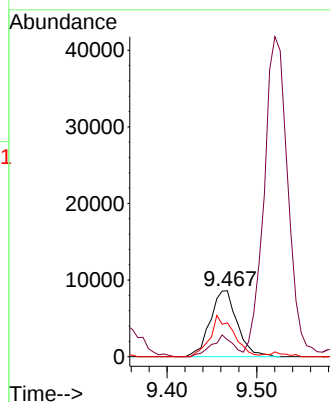
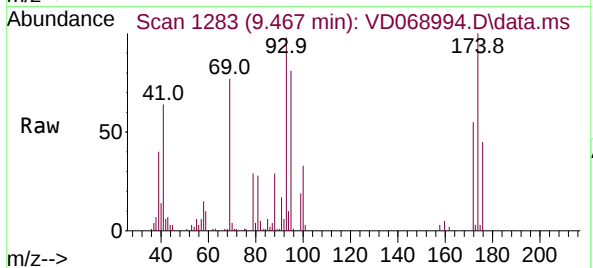
Delta R.T. 0.000 min

Lab File: VD068994.D

Acq: 26 Apr 2021 17:53

Instrument :  
MSVOA\_D  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 17997 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 26.3  | 25.8  | 38.8  |
| 58       | 54.7  | 54.0  | 81.0  |



#50

Toluene-d8

Concen: 52.62 ug/l

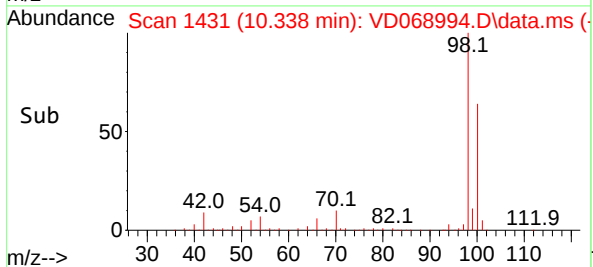
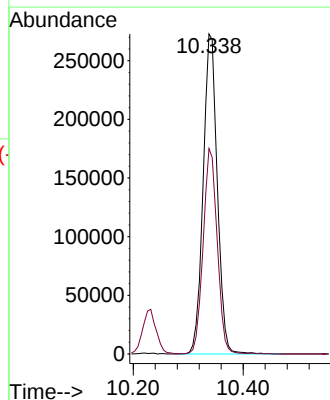
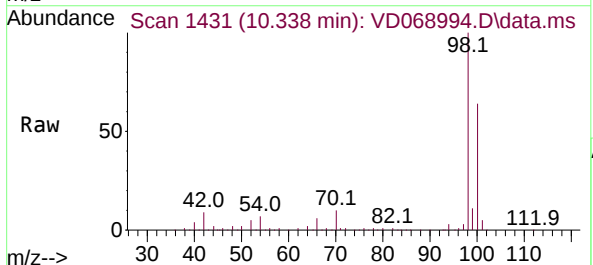
RT: 10.338 min Scan# 1431

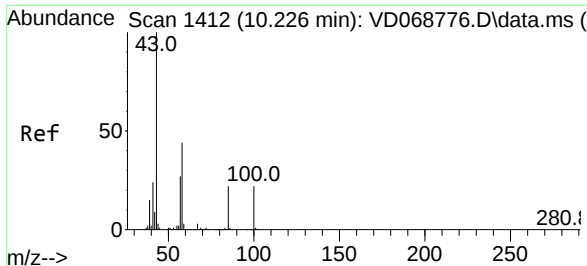
Delta R.T. -0.000 min

Lab File: VD068994.D

Acq: 26 Apr 2021 17:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 487087 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.4  | 51.8  | 77.6   |

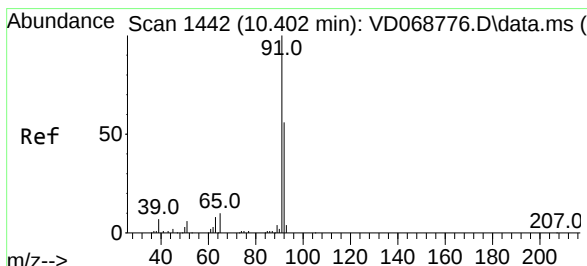
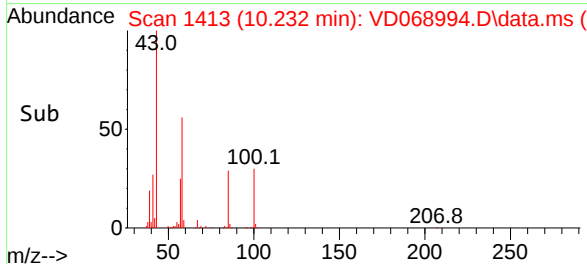
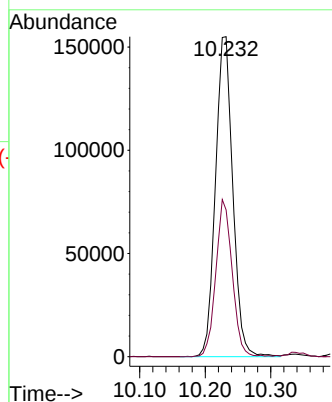
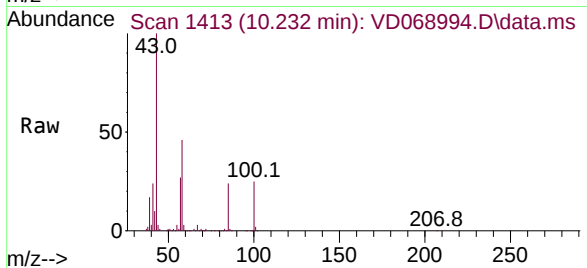




#51  
4-Methyl-2-Pentanone  
Concen: 246.44 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. 0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

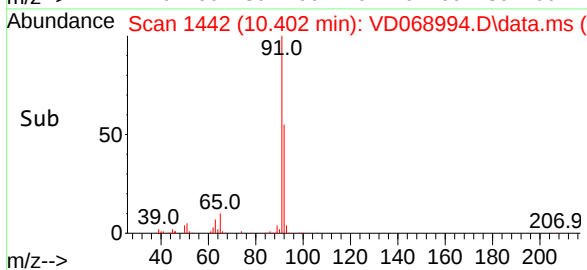
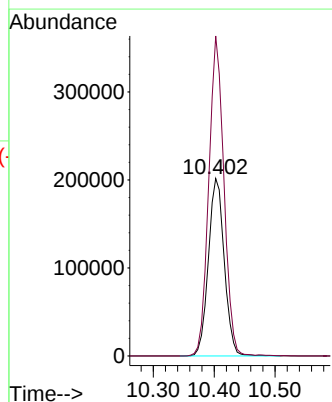
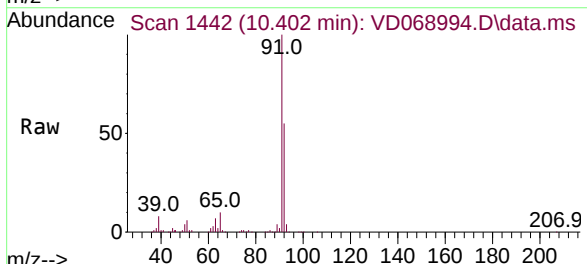
Instrument :  
MSVOA\_D  
ClientSampled :

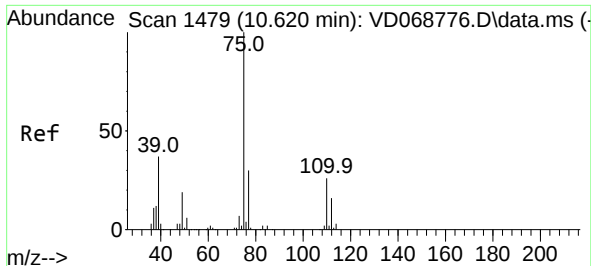
Tgt Ion: 43 Resp: 283996  
Ion Ratio Lower Upper  
43 100  
58 46.4 37.3 55.9



#52  
Toluene  
Concen: 51.65 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 92 Resp: 365437  
Ion Ratio Lower Upper  
92 100  
91 171.9 139.1 208.7

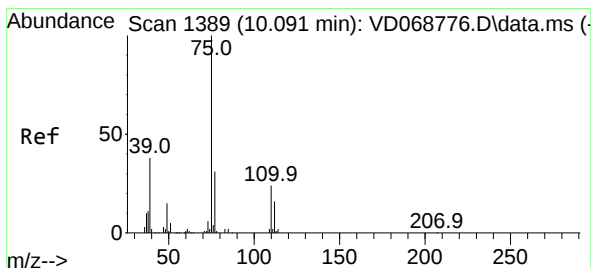
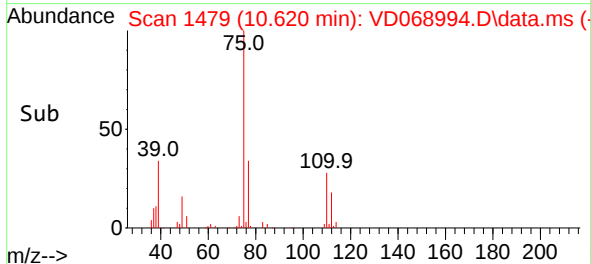
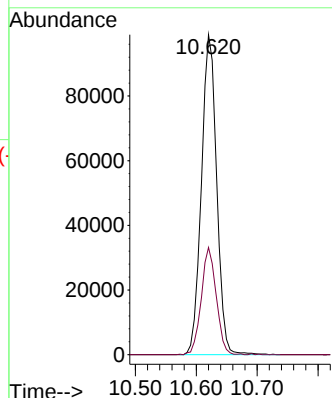
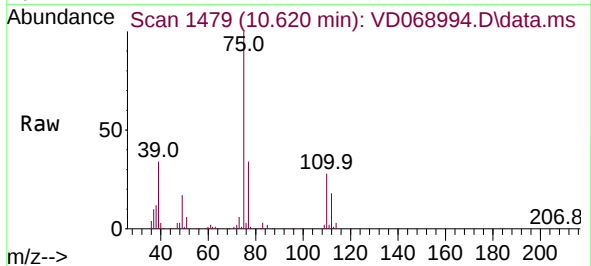




#53  
 t-1,3-Dichloropropene  
 Concen: 50.13 ug/l  
 RT: 10.620 min Scan# 1479  
 Delta R.T. 0.000 min  
 Lab File: VD068994.D  
 Acq: 26 Apr 2021 17:53

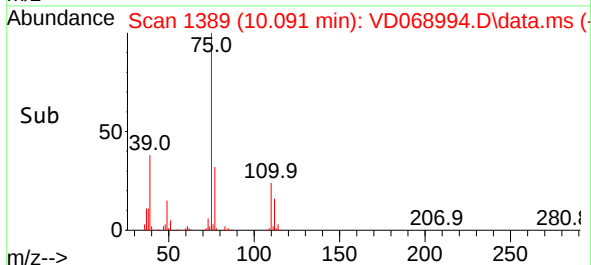
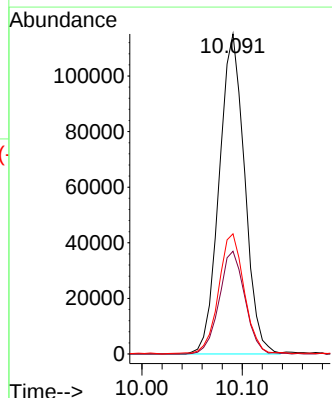
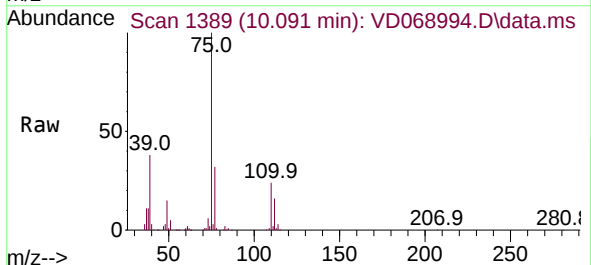
Instrument :  
 MSVOA\_D  
 ClientSampled :

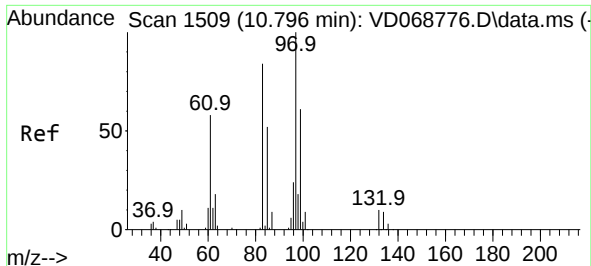
Tgt Ion: 75 Resp: 172578  
 Ion Ratio Lower Upper  
 75 100  
 77 33.5 25.1 37.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.19 ug/l  
 RT: 10.091 min Scan# 1389  
 Delta R.T. -0.000 min  
 Lab File: VD068994.D  
 Acq: 26 Apr 2021 17:53

Tgt Ion: 75 Resp: 202567  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 24.7 37.1  
 39 37.3 30.2 45.2

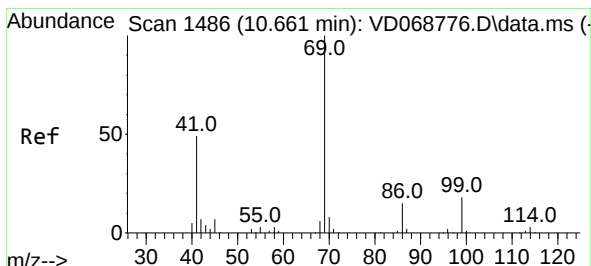
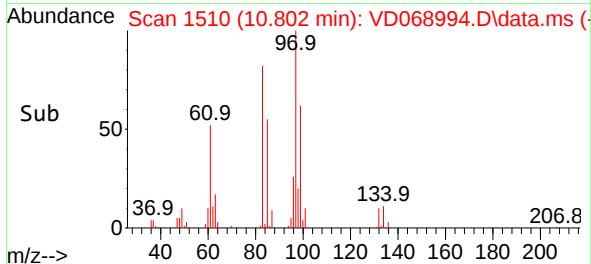
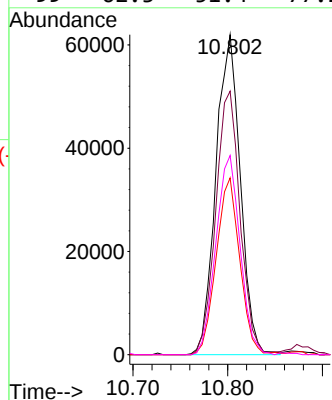
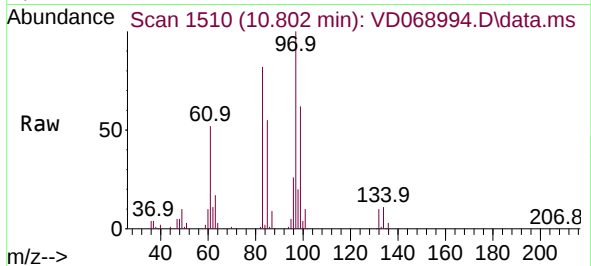




#55  
1,1,2-Trichloroethane  
Concen: 52.83 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. 0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

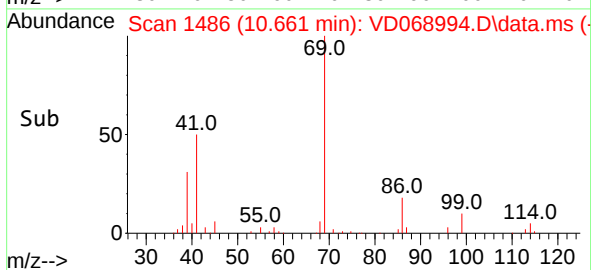
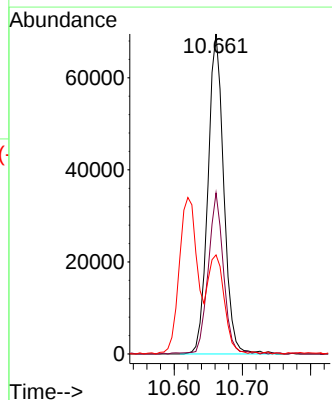
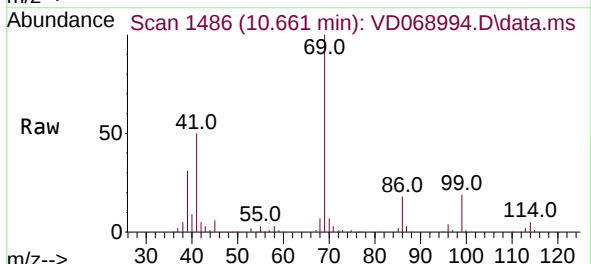
Instrument :  
MSVOA\_D  
ClientSampled :

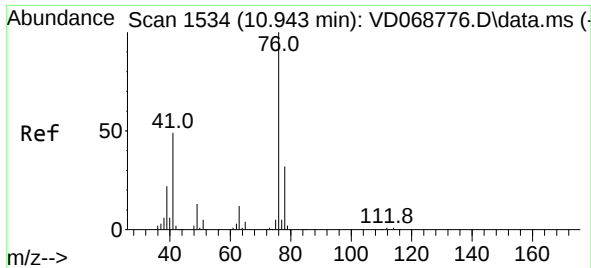
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 111069 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.4  | 65.7  | 98.5   |
| 85       | 55.3  | 44.3  | 66.5   |
| 99       | 62.3  | 51.4  | 77.2   |



#56  
Ethyl methacrylate  
Concen: 51.99 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 112501 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 48.8  | 42.2  | 63.4   |
| 39       | 31.1  | 24.2  | 36.2   |

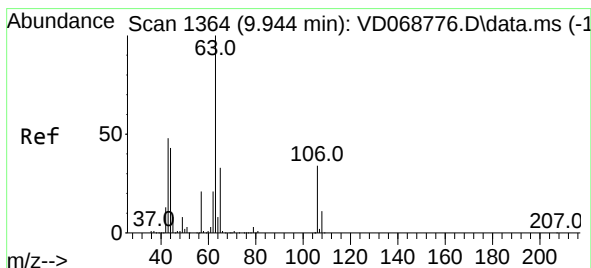
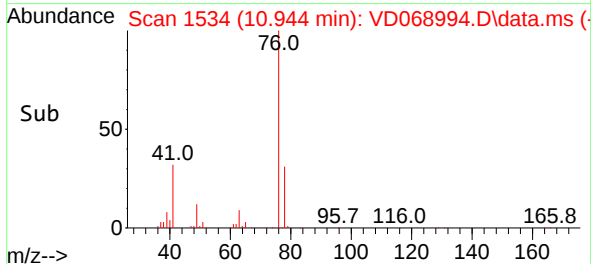
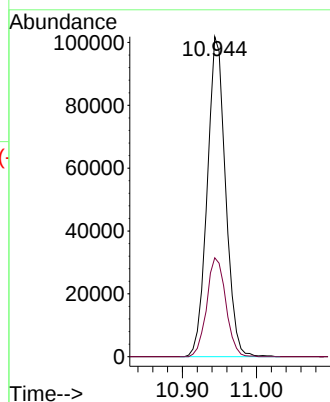
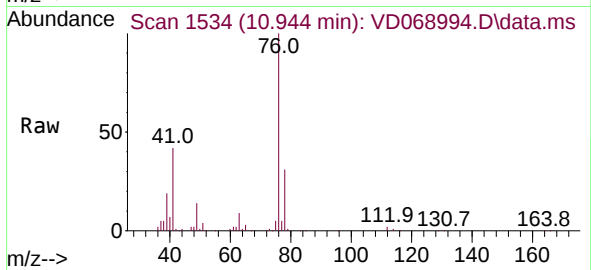




#57  
1,3-Dichloropropane  
Concen: 50.41 ug/l  
RT: 10.944 min Scan# 1534  
Delta R.T. 0.001 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

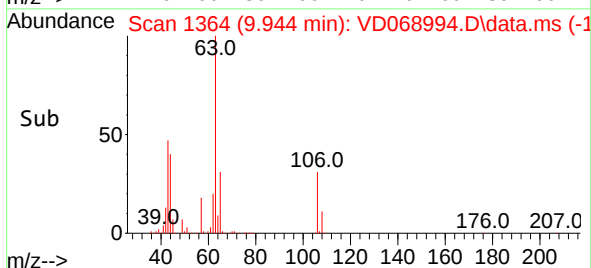
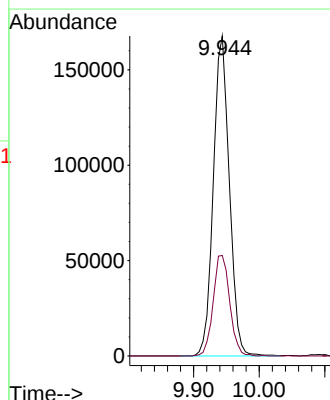
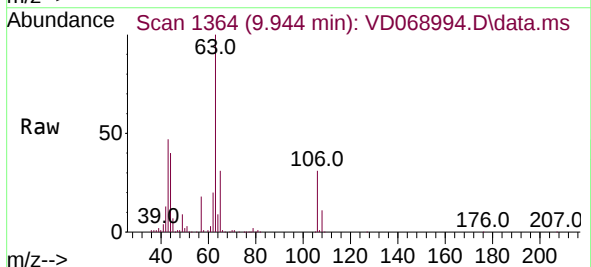
Instrument :  
MSVOA\_D  
ClientSampled :

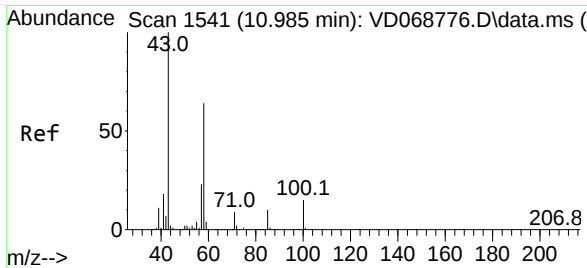
Tgt Ion: 76 Resp: 174510  
Ion Ratio Lower Upper  
76 100  
78 32.2 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 246.75 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 63 Resp: 283993  
Ion Ratio Lower Upper  
63 100  
106 32.5 24.6 36.8

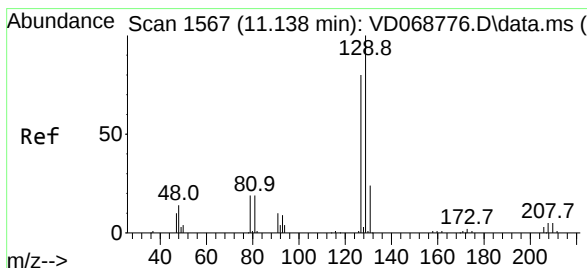
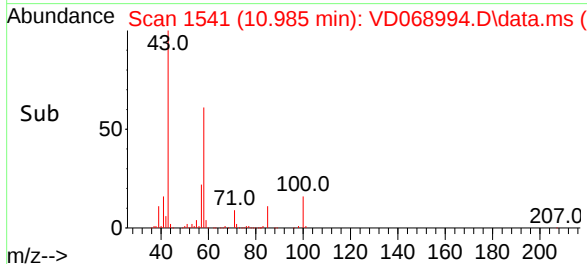
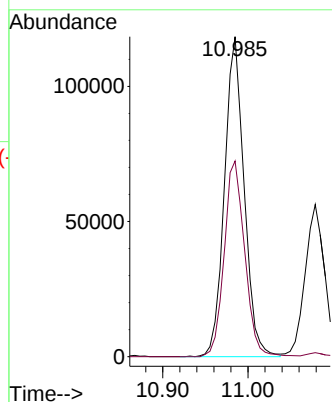
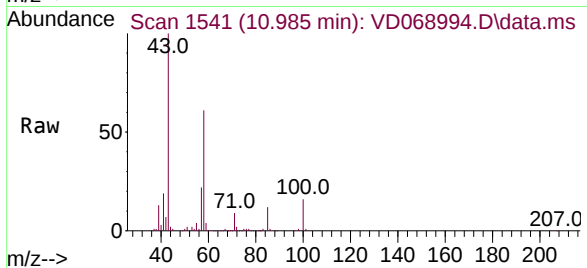




#59  
2-Hexanone  
Concen: 246.75 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

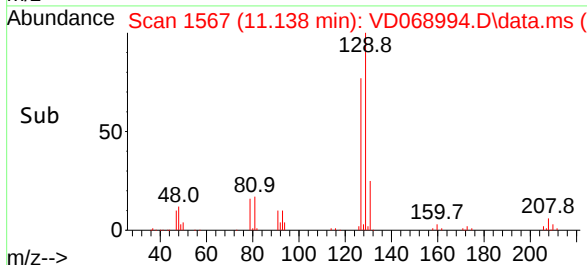
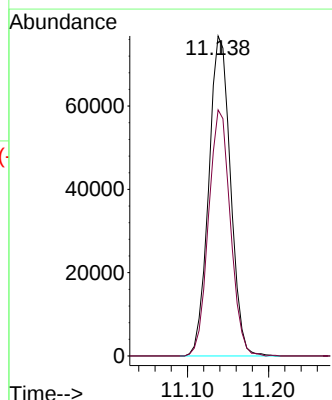
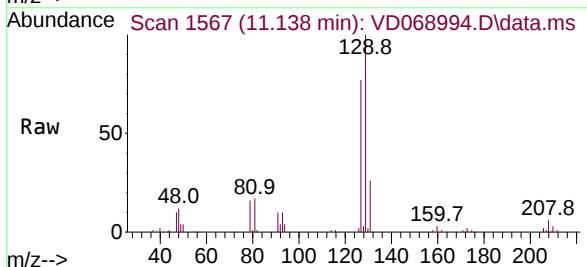
Instrument :  
MSVOA\_D  
ClientSampled :

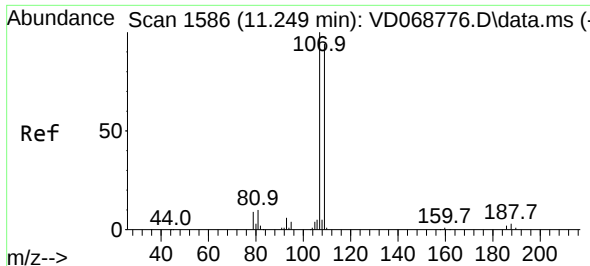
Tgt Ion: 43 Resp: 190265  
Ion Ratio Lower Upper  
43 100  
58 63.8 31.3 93.8



#60  
Dibromochloromethane  
Concen: 54.25 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 129 Resp: 142998  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.8 116.3

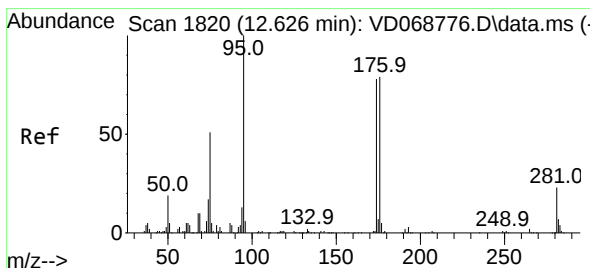
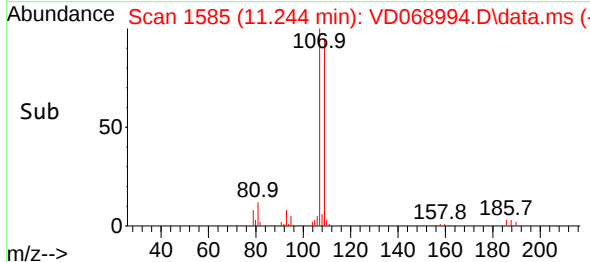
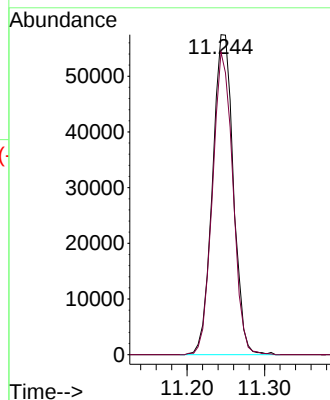
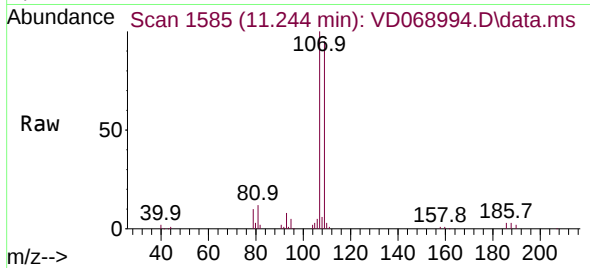




#61  
1,2-Dibromoethane  
Concen: 52.65 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. -0.005 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

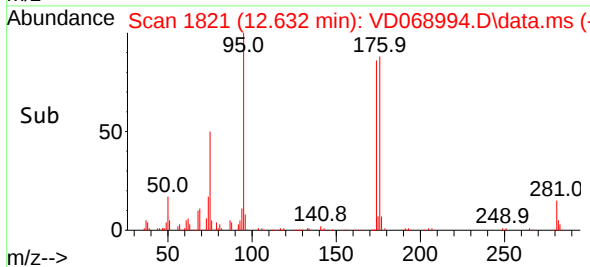
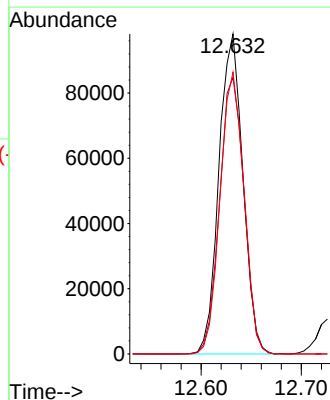
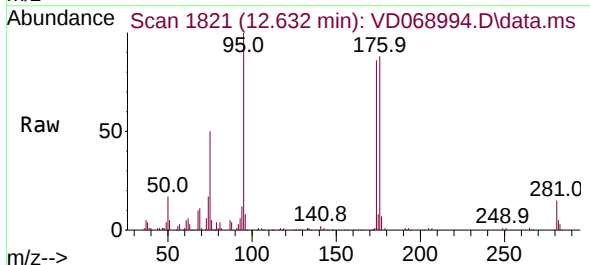
Instrument :  
MSVOA\_D  
ClientSampleId :

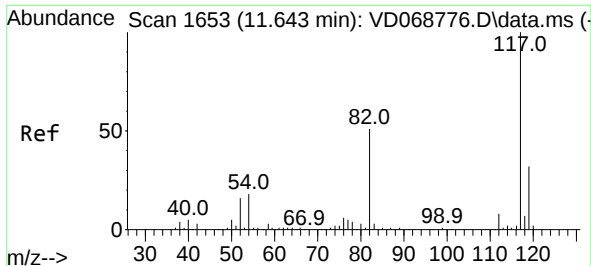
Tgt Ion:107 Resp: 107560  
Ion Ratio Lower Upper  
107 100  
109 92.0 74.9 112.3



#62  
4-Bromofluorobenzene  
Concen: 52.96 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 95 Resp: 162806  
Ion Ratio Lower Upper  
95 100  
174 88.2 0.0 168.0  
176 87.5 0.0 160.2

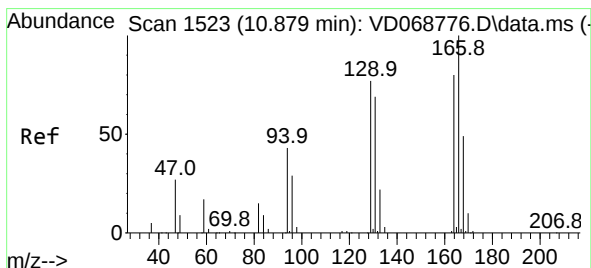
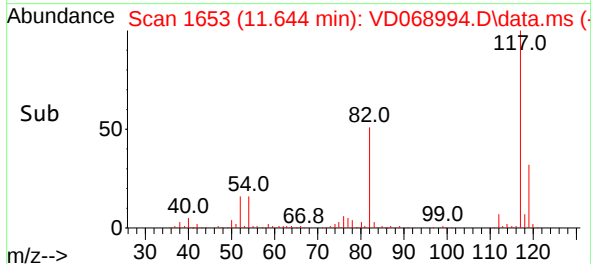
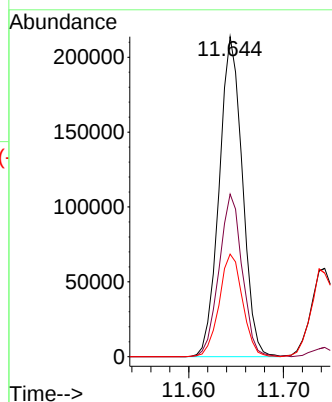
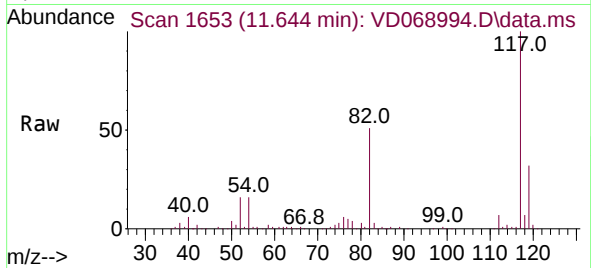




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. 0.001 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

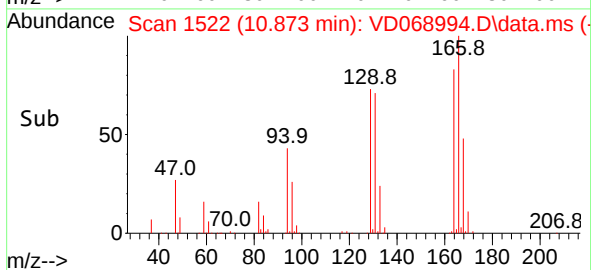
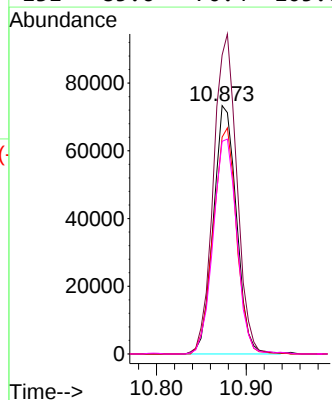
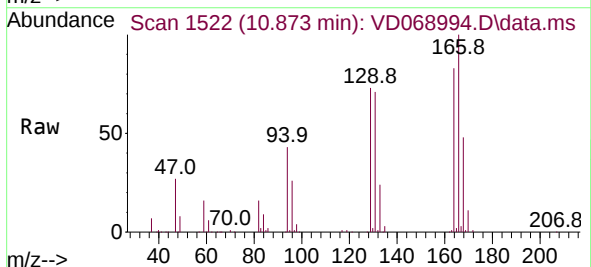
Instrument :  
MSVOA\_D  
ClientSampleId :

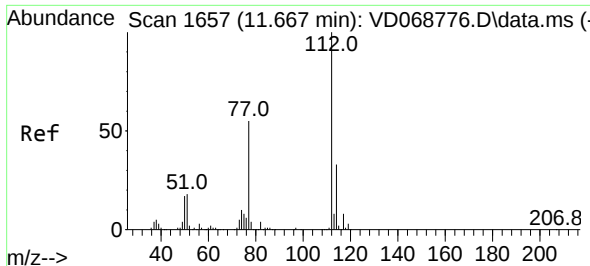
Tgt Ion:117 Resp: 364192  
Ion Ratio Lower Upper  
117 100  
82 50.8 43.5 65.3  
119 32.1 26.7 40.1



#64  
Tetrachloroethene  
Concen: 51.31 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion:164 Resp: 130984  
Ion Ratio Lower Upper  
164 100  
166 120.3 103.0 154.6  
129 87.3 77.4 116.0  
131 85.6 70.4 105.6

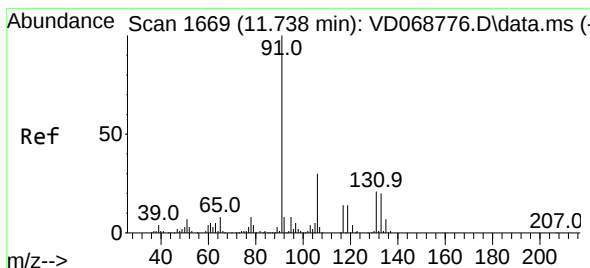
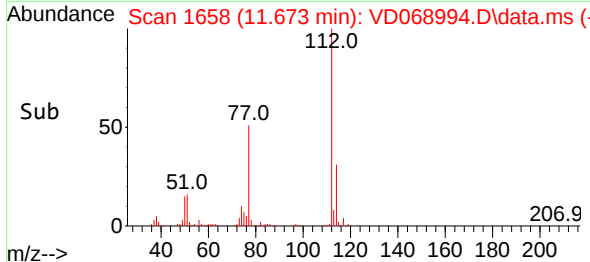
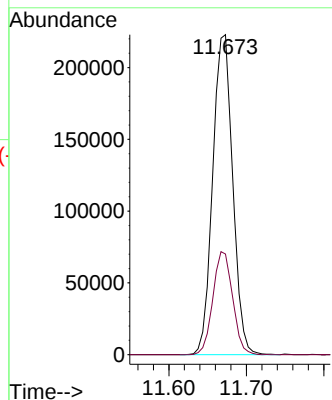
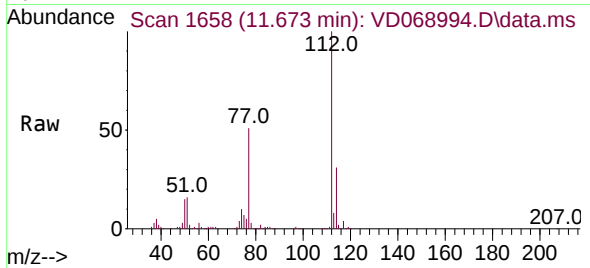




#65  
Chlorobenzene  
Concen: 50.82 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. 0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

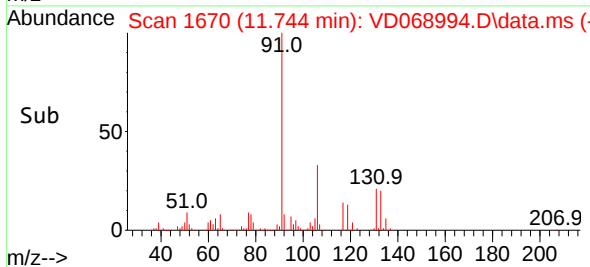
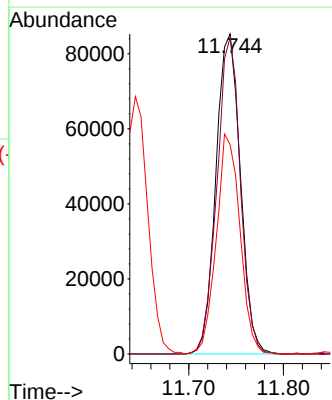
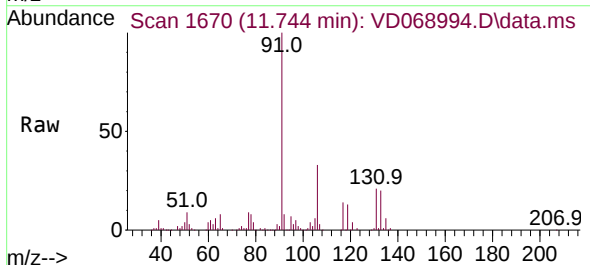
Instrument :  
MSVOA\_D  
ClientSampled :

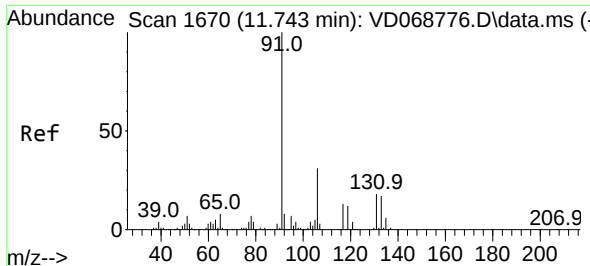
Tgt Ion:112 Resp: 400624  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.90 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion:131 Resp: 152780  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.0 141.2  
119 66.8 32.8 98.3

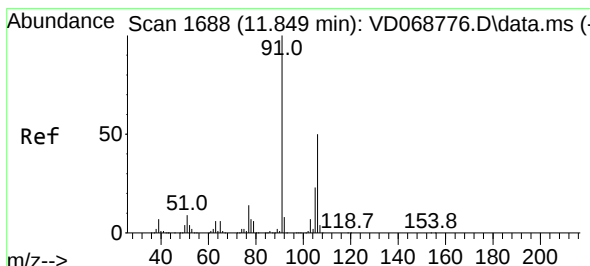
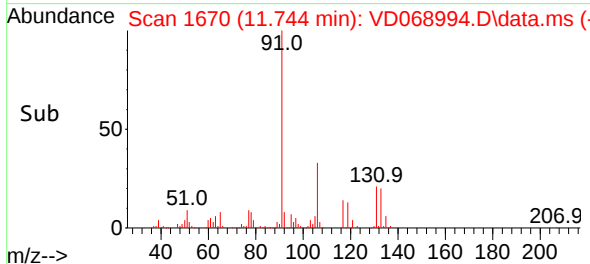
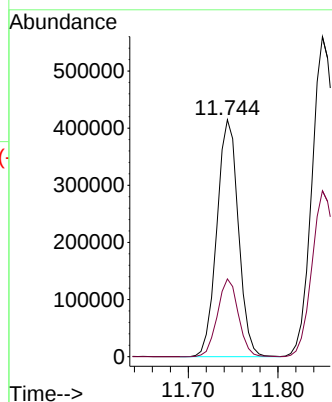
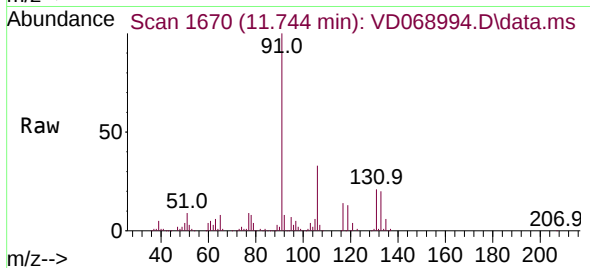




#67  
Ethyl Benzene  
Concen: 50.49 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.001 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

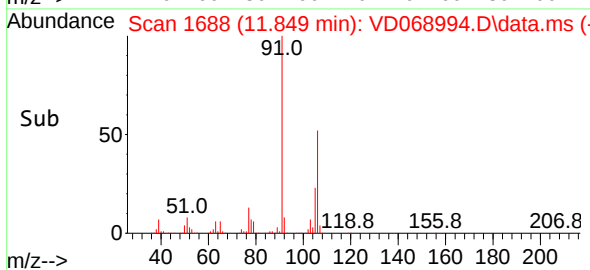
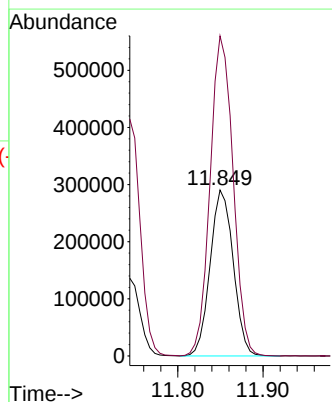
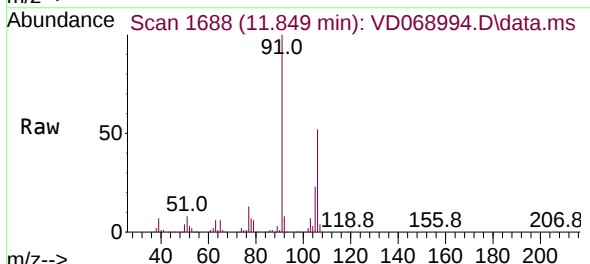
Instrument :  
MSVOA\_D  
ClientSampled :

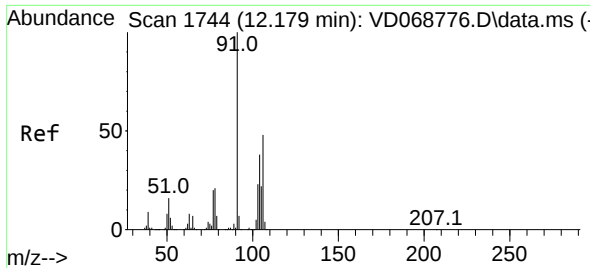
Tgt Ion: 91 Resp: 689340  
Ion Ratio Lower Upper  
91 100  
106 32.8 25.1 37.7



#68  
m/p-Xylenes  
Concen: 103.83 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion:106 Resp: 546945  
Ion Ratio Lower Upper  
106 100  
91 192.1 158.6 238.0

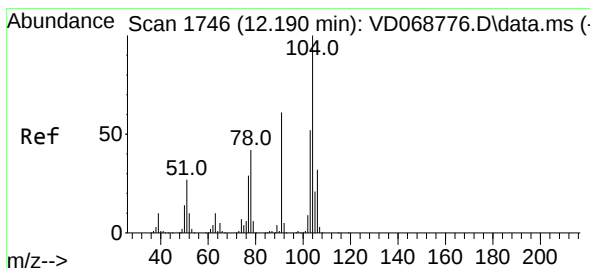
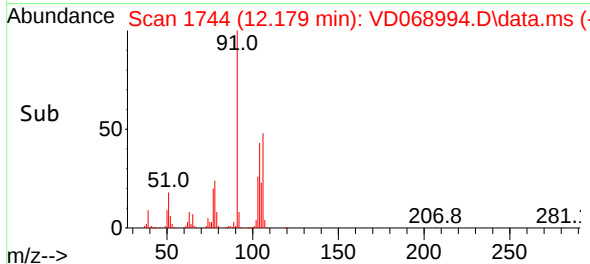
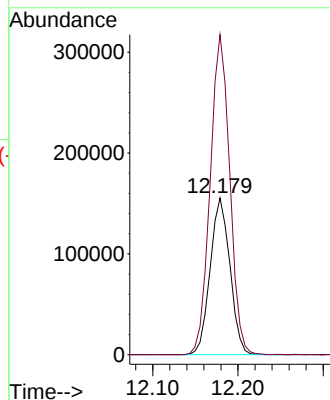
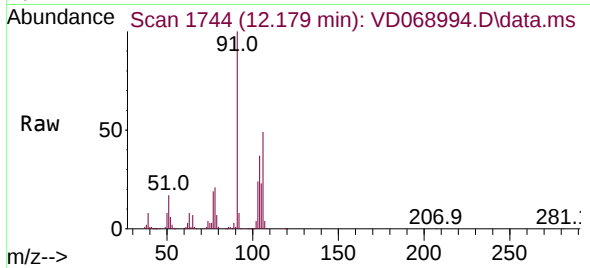




#69  
o-Xylene  
Concen: 52.24 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

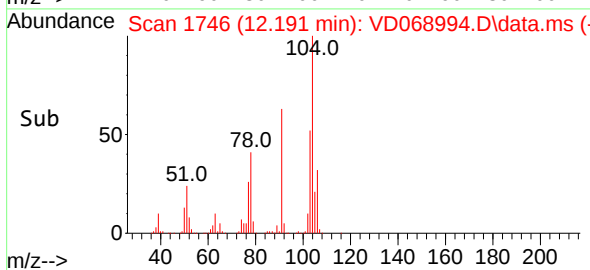
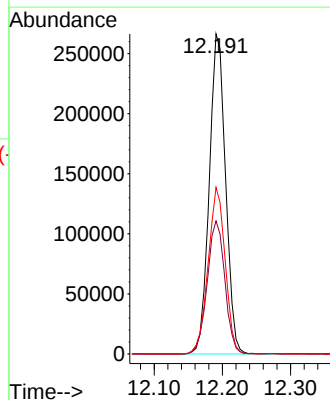
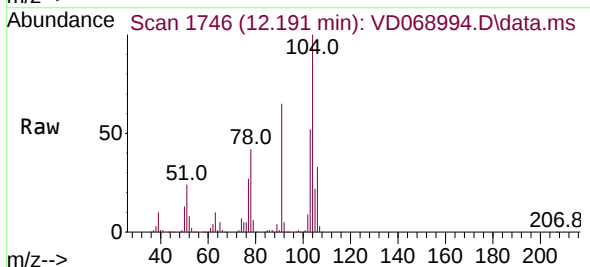
Instrument :  
MSVOA\_D  
ClientSampled :

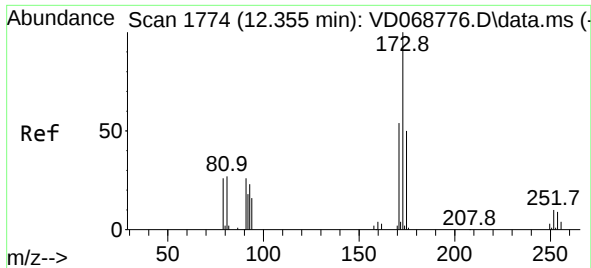
Tgt Ion:106 Resp: 250230  
Ion Ratio Lower Upper  
106 100  
91 202.7 105.0 315.0



#70  
Styrene  
Concen: 53.11 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.001 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion:104 Resp: 443336  
Ion Ratio Lower Upper  
104 100  
78 45.0 36.9 55.3  
103 54.6 44.3 66.5

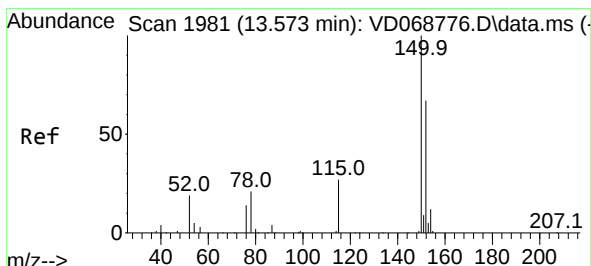
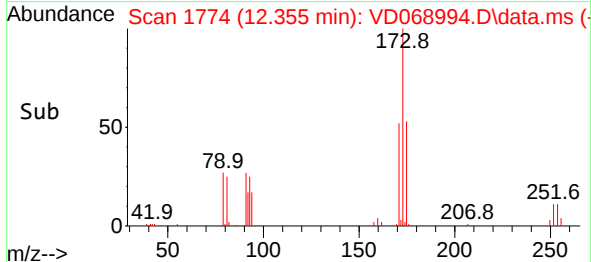
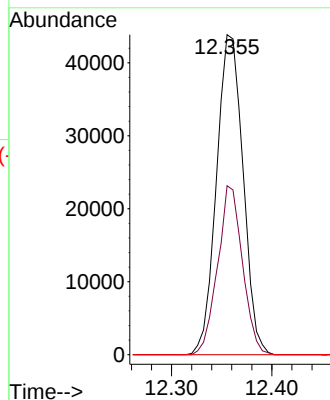
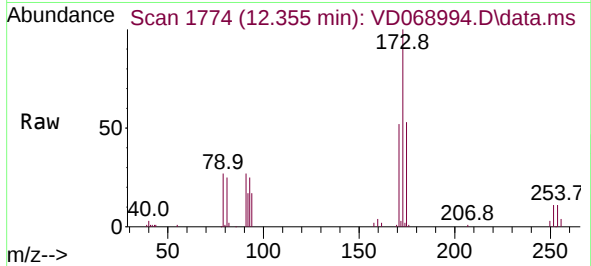




#71  
Bromoform  
Concen: 53.13 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

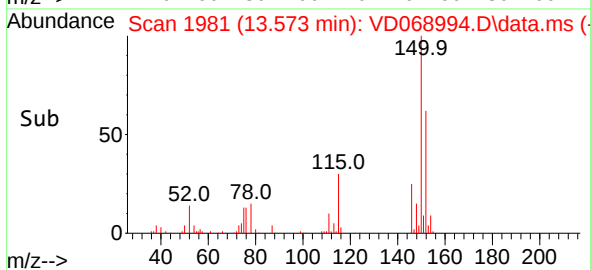
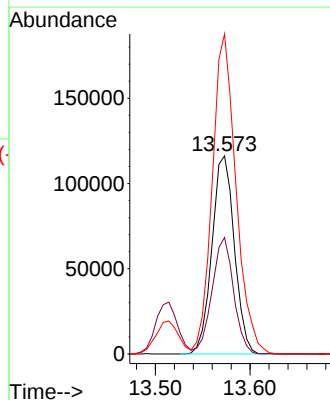
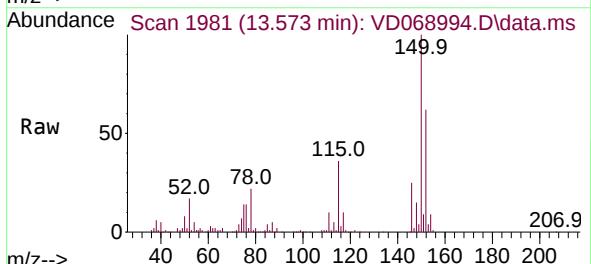
Instrument :  
MSVOA\_D  
ClientSampled :

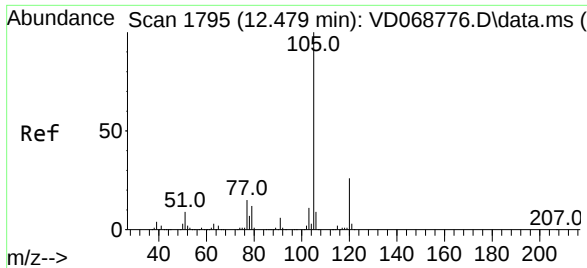
Tgt Ion:173 Resp: 80676  
Ion Ratio Lower Upper  
173 100  
175 49.4 23.6 71.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion:152 Resp: 191071  
Ion Ratio Lower Upper  
152 100  
115 56.8 29.3 87.8  
150 171.0 0.0 347.6

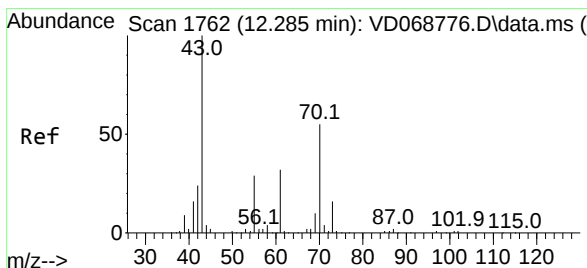
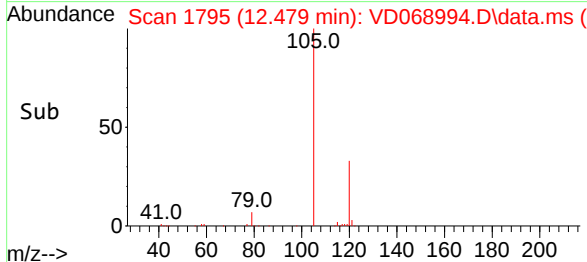
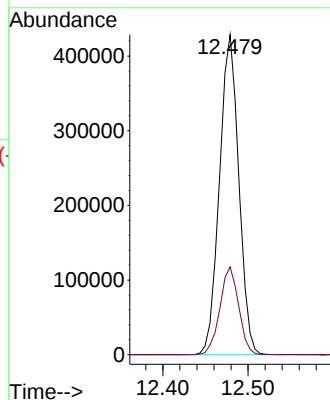
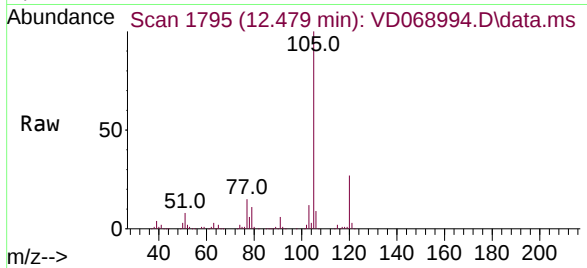




#73  
Isopropylbenzene  
Concen: 48.36 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

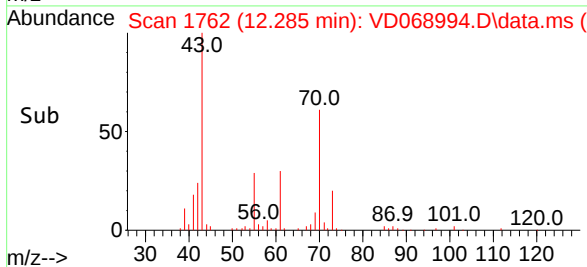
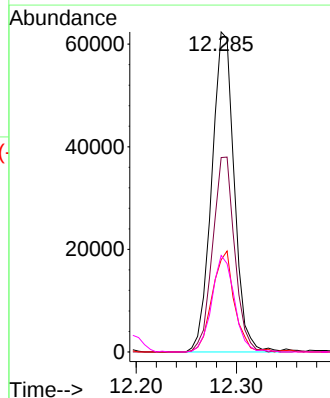
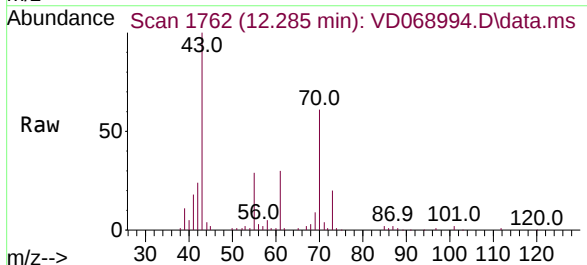
Instrument :  
MSVOA\_D  
ClientSampleId :

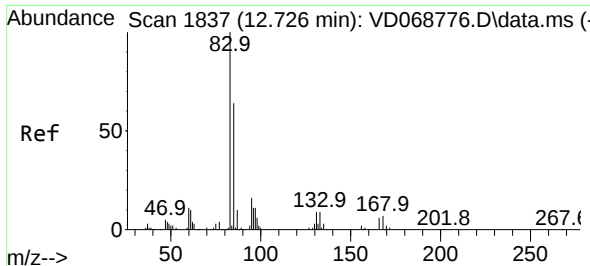
Tgt Ion:105 Resp: 674647  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.4 40.2



#74  
N-ethyl acetate  
Concen: 41.11 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 43 Resp: 97265  
Ion Ratio Lower Upper  
43 100  
70 59.8 41.9 62.9  
55 31.1 22.8 34.2  
61 30.2 22.7 34.1

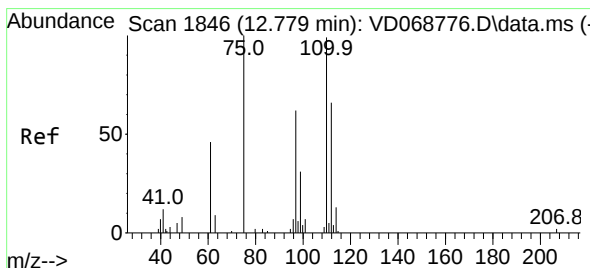
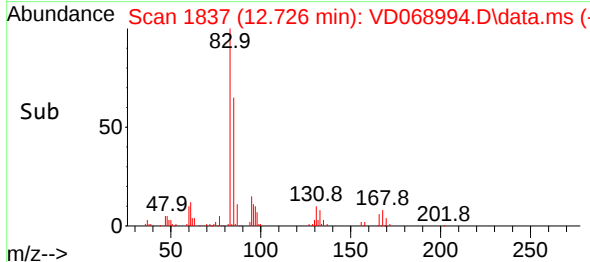
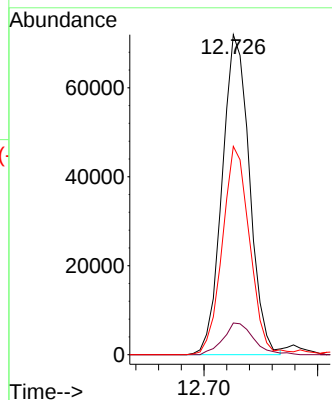
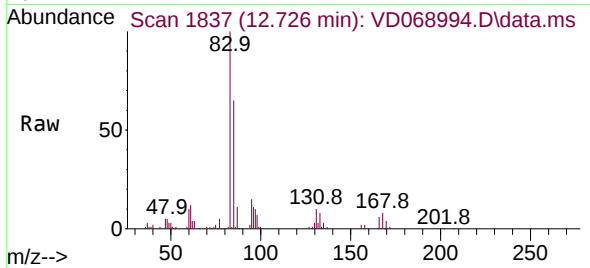




#75  
1,1,2,2-Tetrachloroethane  
Concen: 46.09 ug/l  
RT: 12.726 min Scan# 1837  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

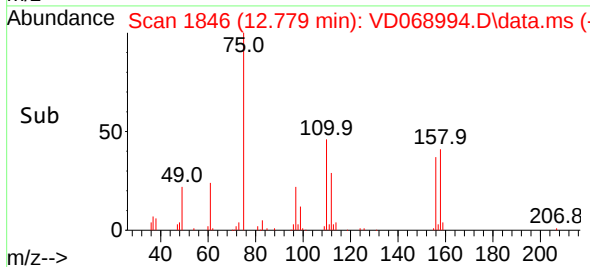
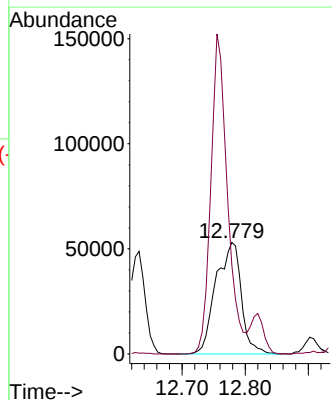
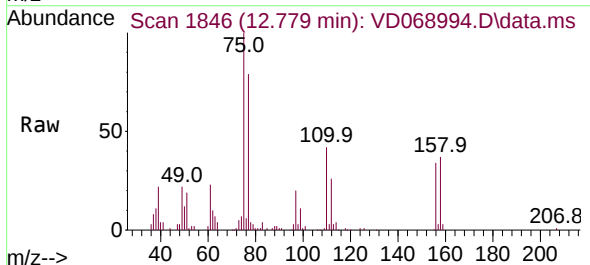
Instrument :  
MSVOA\_D  
ClientSampleId :

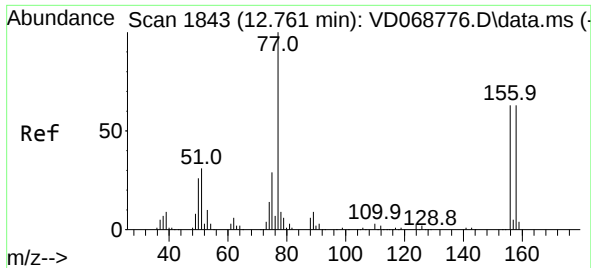
Tgt Ion: 83 Resp: 120194  
Ion Ratio Lower Upper  
83 100  
131 11.0 5.1 15.3  
85 65.2 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 84.79 ug/l  
RT: 12.779 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 75 Resp: 147998  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

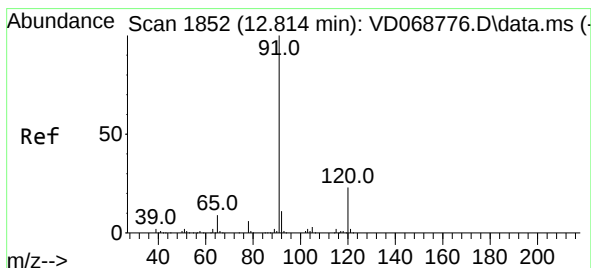
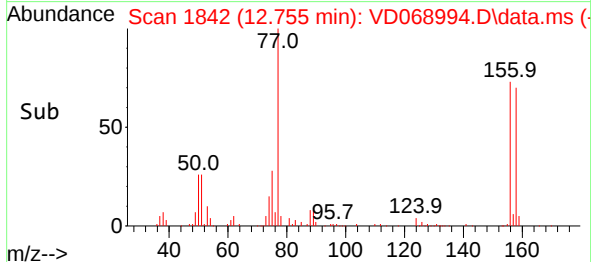
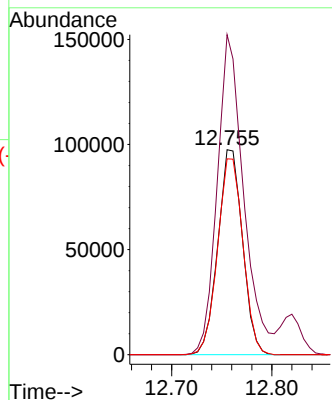
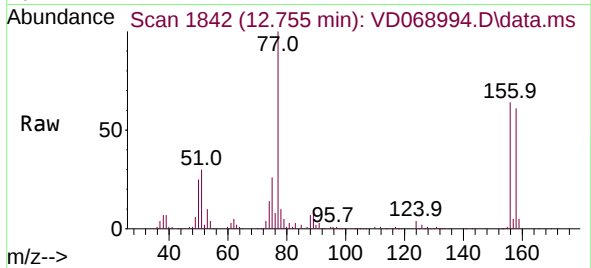




#77  
Bromobenzene  
Concen: 49.64 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

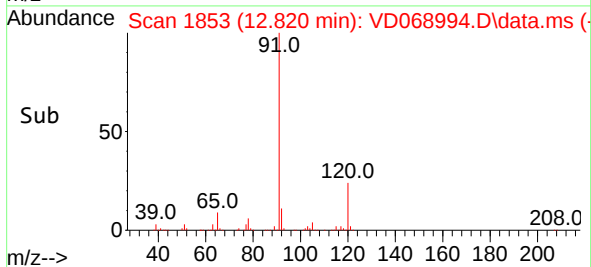
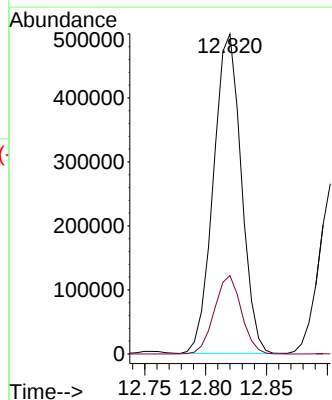
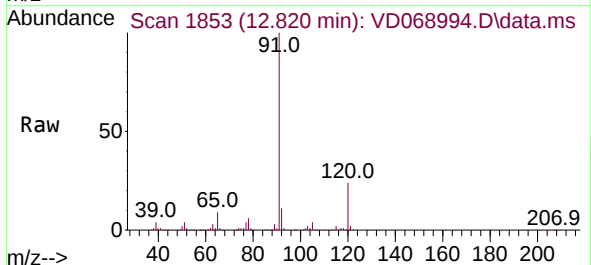
Instrument :  
MSVOA\_D  
ClientSampleId :

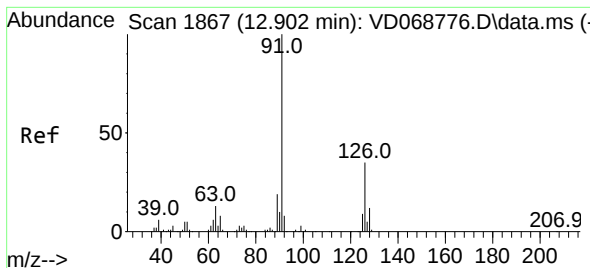
Tgt Ion:156 Resp: 166474  
Ion Ratio Lower Upper  
156 100  
77 168.0 88.9 266.8  
158 98.4 47.7 143.1



#78  
n-propylbenzene  
Concen: 46.93 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 91 Resp: 795286  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.4 34.2

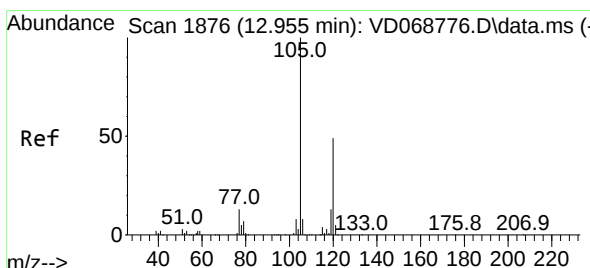
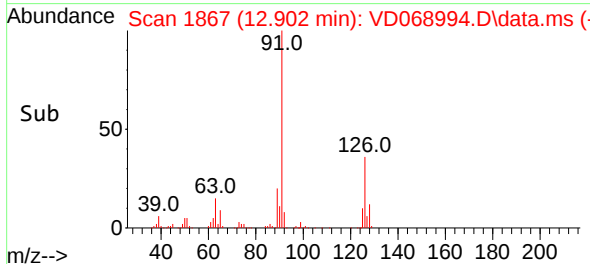
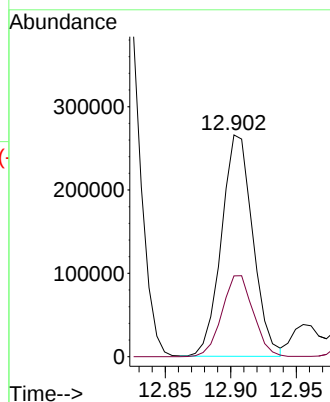
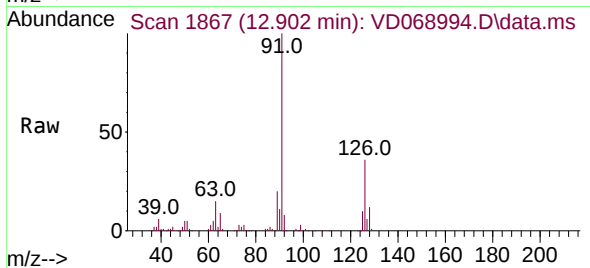




#79  
2-Chlorotoluene  
Concen: 46.74 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

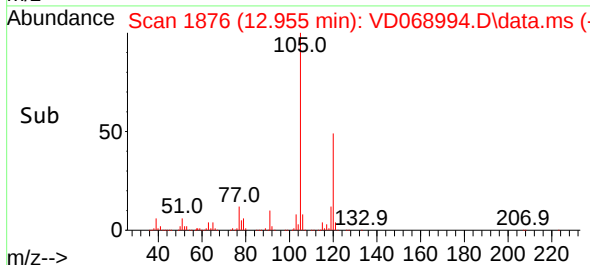
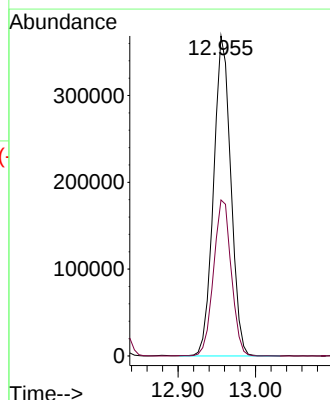
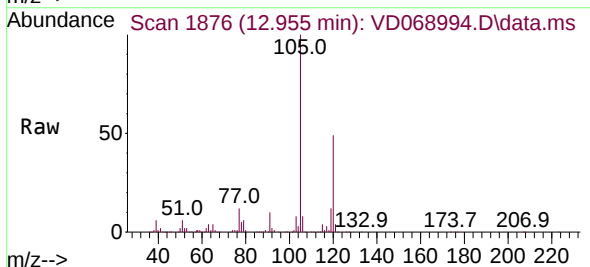
Instrument :  
MSVOA\_D  
ClientSampled :

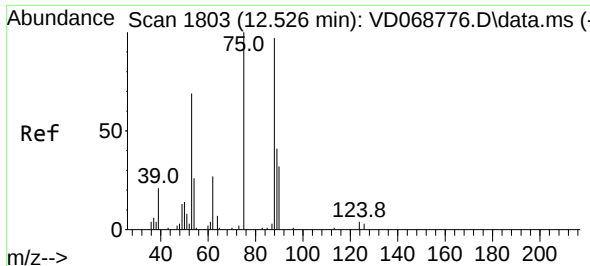
Tgt Ion: 91 Resp: 442477  
Ion Ratio Lower Upper  
91 100  
126 36.5 17.1 51.3



#80  
1,3,5-Trimethylbenzene  
Concen: 49.06 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion:105 Resp: 572196  
Ion Ratio Lower Upper  
105 100  
120 50.1 24.9 74.7

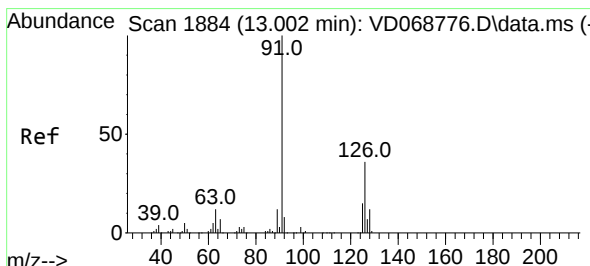
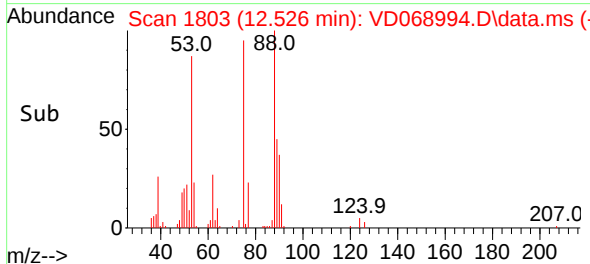
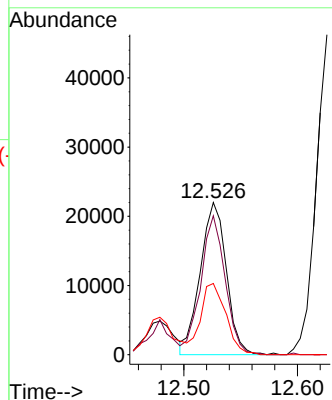
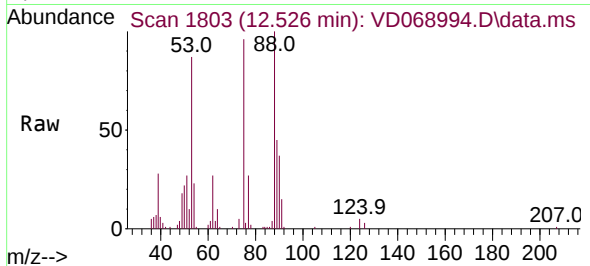




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.76 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

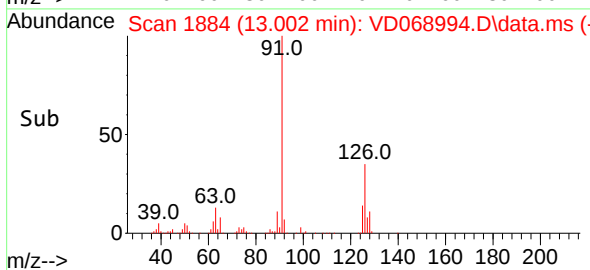
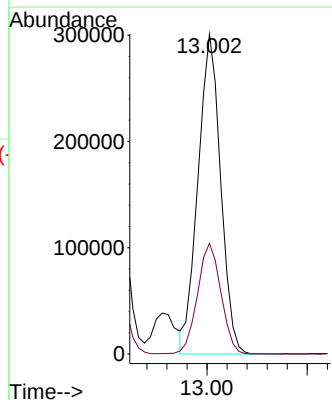
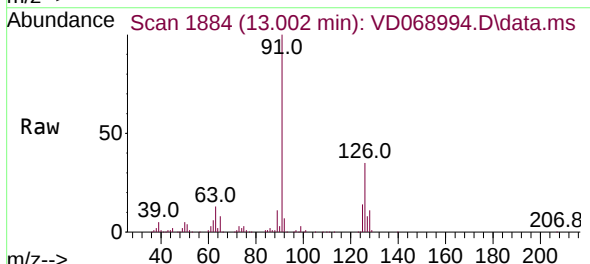
Instrument :  
MSVOA\_D  
ClientSampleId :

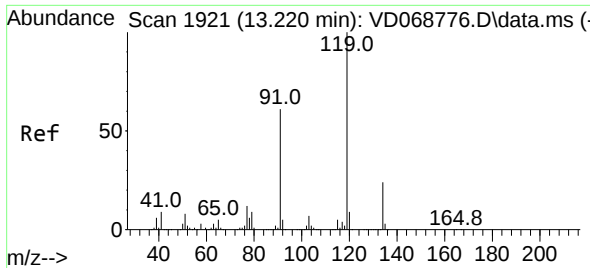
Tgt Ion: 75 Resp: 35170  
Ion Ratio Lower Upper  
75 100  
53 85.7 66.8 100.2  
89 45.2 36.6 54.8



#82  
4-Chlorotoluene  
Concen: 47.01 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 91 Resp: 471700  
Ion Ratio Lower Upper  
91 100  
126 35.8 17.2 51.5

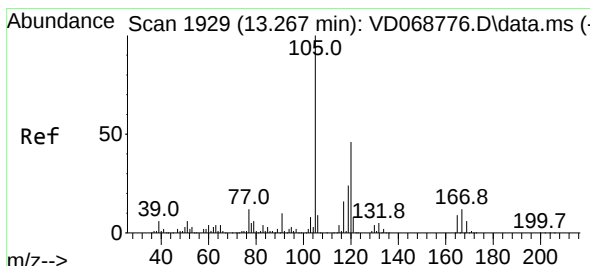
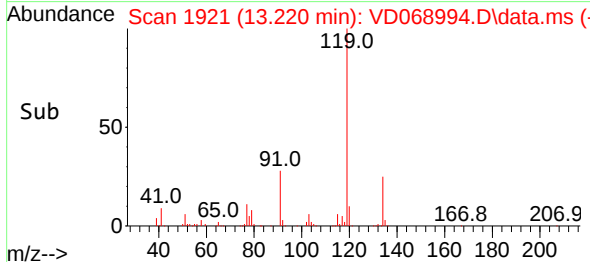
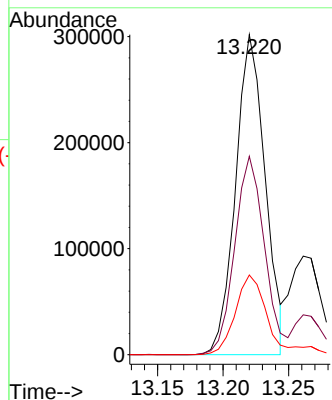
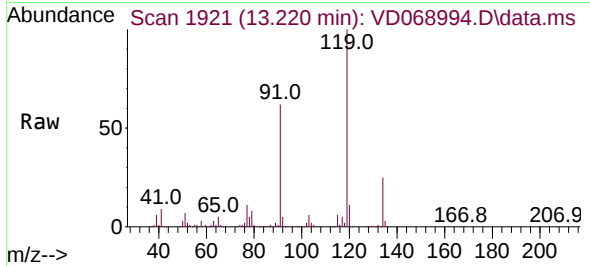




#83  
tert-Butylbenzene  
Concen: 47.88 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. -0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

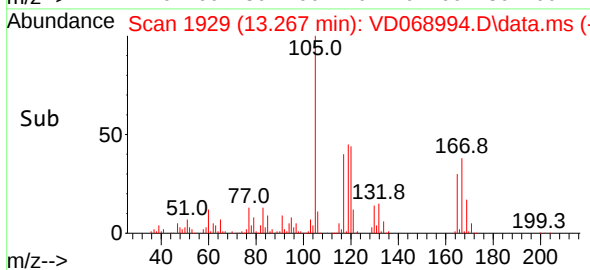
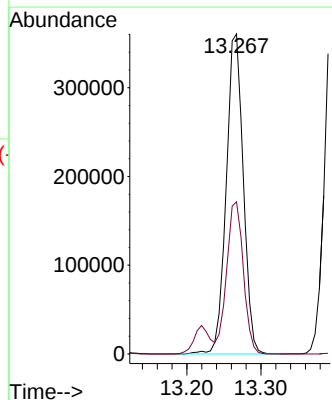
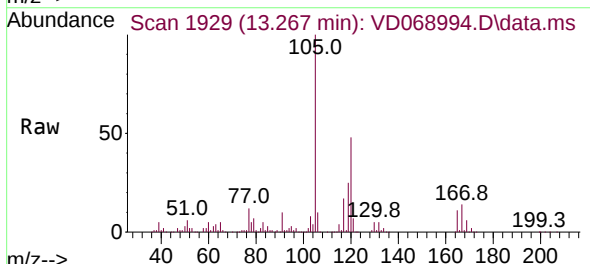
Instrument :  
MSVOA\_D  
ClientSampleId :

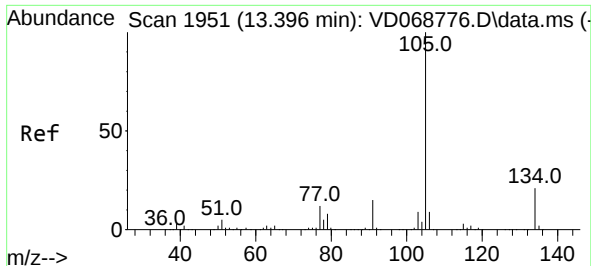
Tgt Ion:119 Resp: 473888  
Ion Ratio Lower Upper  
119 100  
91 62.8 31.6 95.0  
134 27.6 13.4 40.2



#84  
1,2,4-Trimethylbenzene  
Concen: 48.84 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion:105 Resp: 575284  
Ion Ratio Lower Upper  
105 100  
120 46.7 22.6 67.7

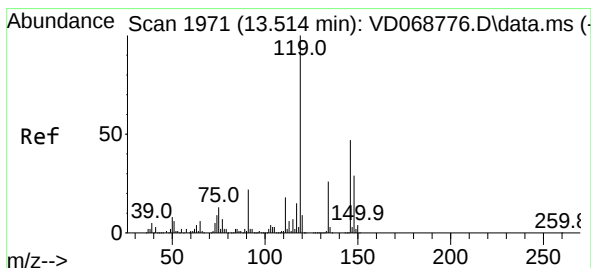
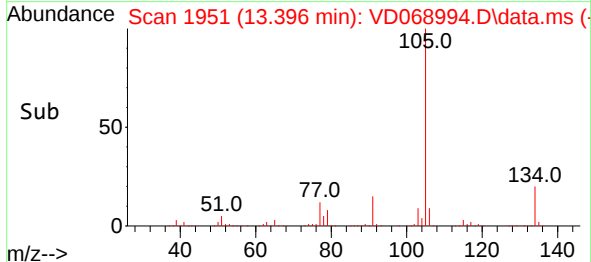
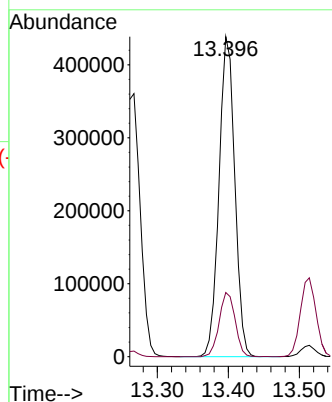
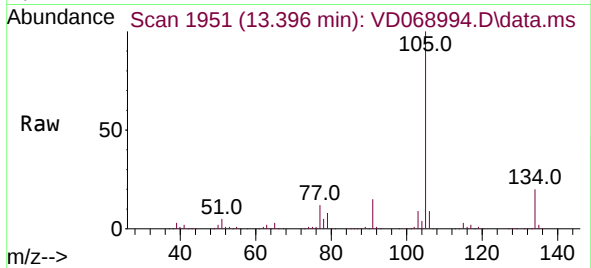




#85  
 sec-Butylbenzene  
 Concen: 48.28 ug/l  
 RT: 13.396 min Scan# 1951  
 Delta R.T. 0.000 min  
 Lab File: VD068994.D  
 Acq: 26 Apr 2021 17:53

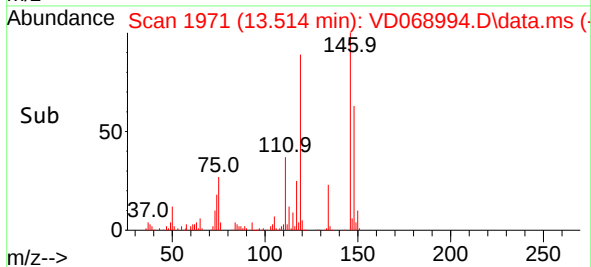
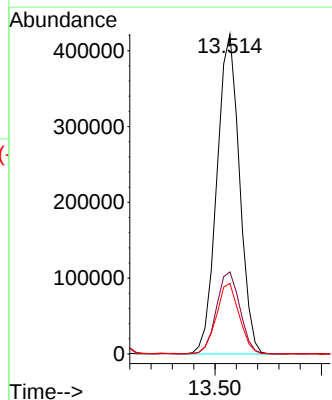
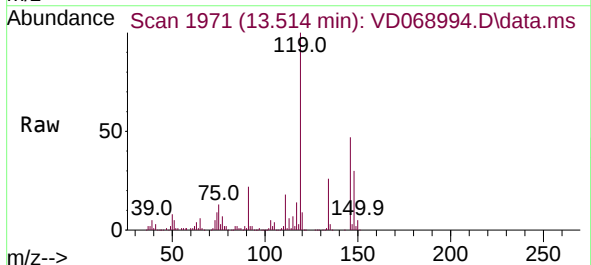
Instrument :  
 MSVOA\_D  
 ClientSampled :

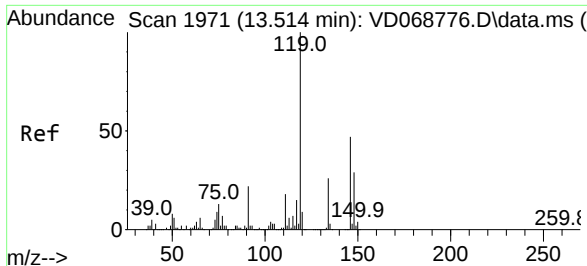
Tgt Ion:105 Resp: 674254  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.0 29.8



#86  
 p-Isopropyltoluene  
 Concen: 48.75 ug/l  
 RT: 13.514 min Scan# 1971  
 Delta R.T. 0.000 min  
 Lab File: VD068994.D  
 Acq: 26 Apr 2021 17:53

Tgt Ion:119 Resp: 621775  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.3 39.9  
 91 22.4 11.1 33.1

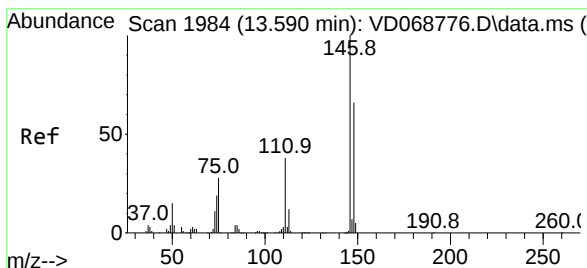
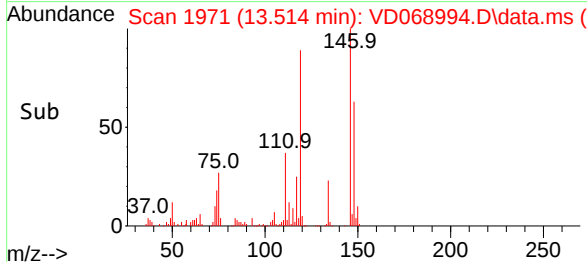
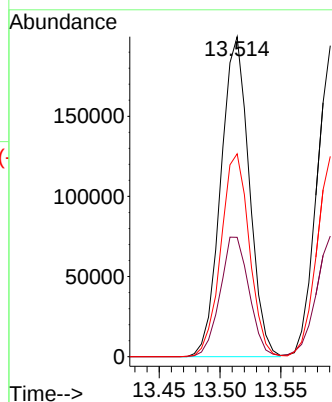
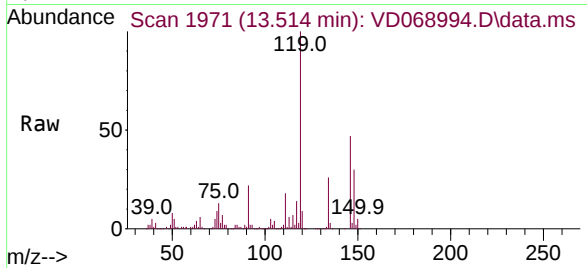




#87  
1,3-Dichlorobenzene  
Concen: 48.69 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

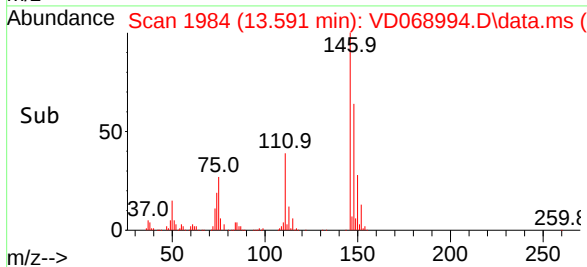
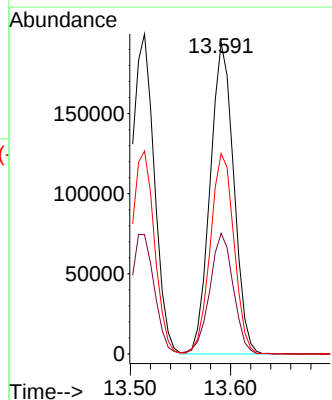
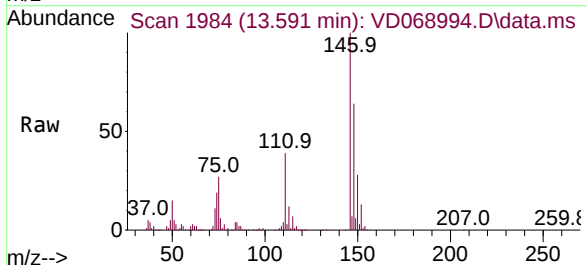
Instrument :  
MSVOA\_D  
ClientSampleId :

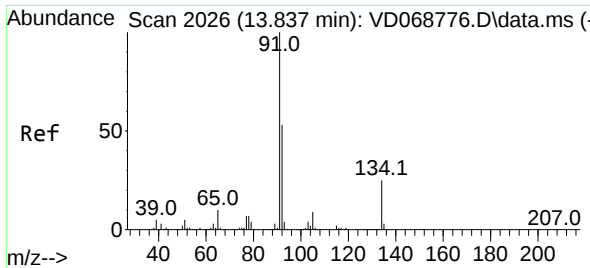
Tgt Ion:146 Resp: 323547  
Ion Ratio Lower Upper  
146 100  
111 38.2 19.3 57.8  
148 63.6 30.9 92.8



#88  
1,4-Dichlorobenzene  
Concen: 48.35 ug/l  
RT: 13.591 min Scan# 1984  
Delta R.T. 0.001 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion:146 Resp: 317964  
Ion Ratio Lower Upper  
146 100  
111 38.8 19.1 57.1  
148 64.6 31.6 95.0

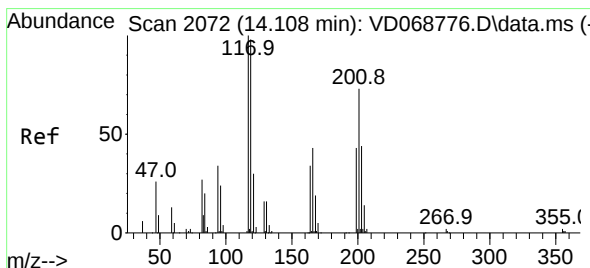
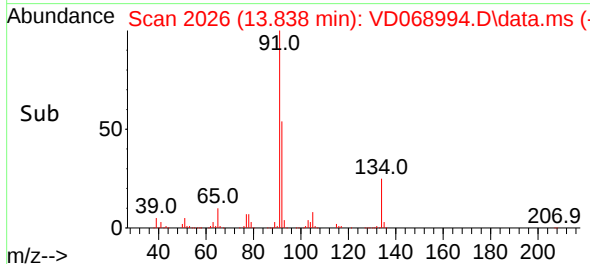
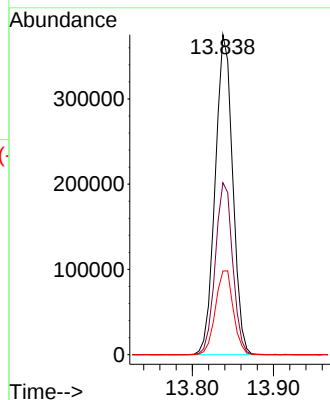
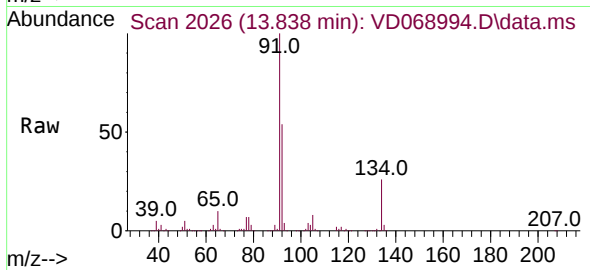




#89  
n-Butylbenzene  
Concen: 46.86 ug/l  
RT: 13.838 min Scan# 2026  
Delta R.T. 0.001 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

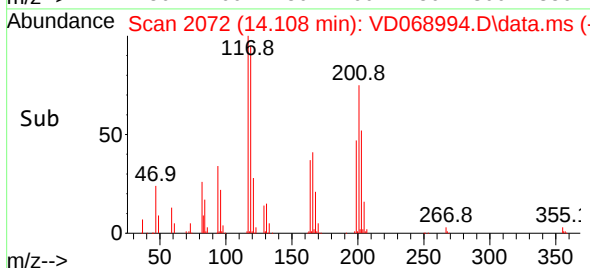
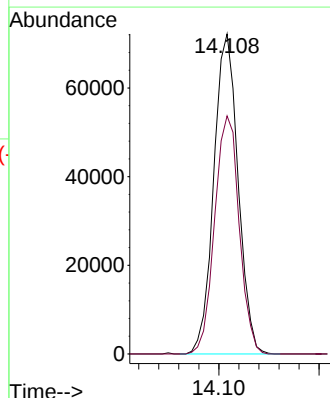
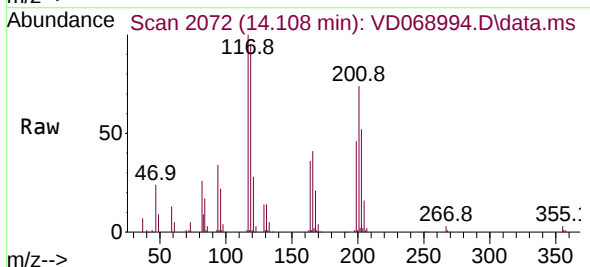
Instrument :  
MSVOA\_D  
ClientSampled :

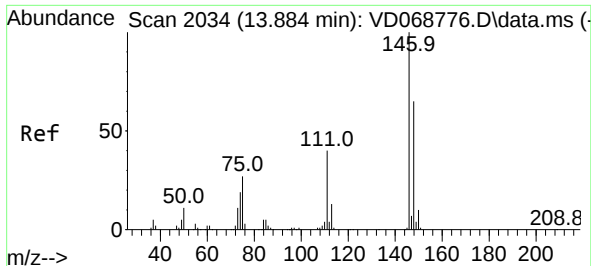
Tgt Ion: 91 Resp: 562959  
Ion Ratio Lower Upper  
91 100  
92 53.2 26.7 80.1  
134 26.7 12.9 38.6



#90  
Hexachloroethane  
Concen: 47.75 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 117 Resp: 121313  
Ion Ratio Lower Upper  
117 100  
201 75.2 35.4 106.2

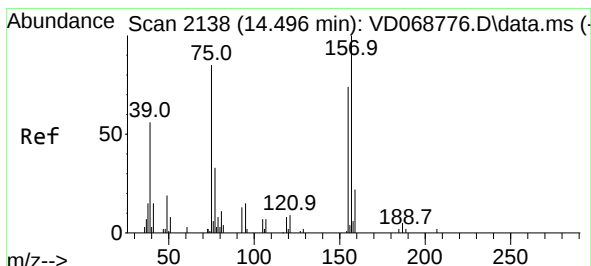
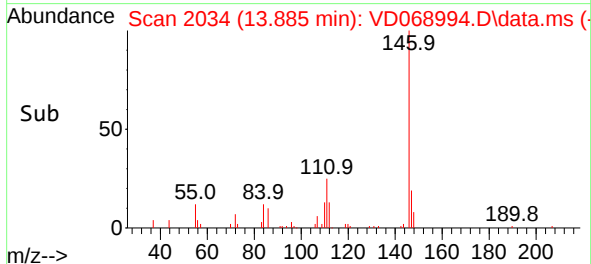
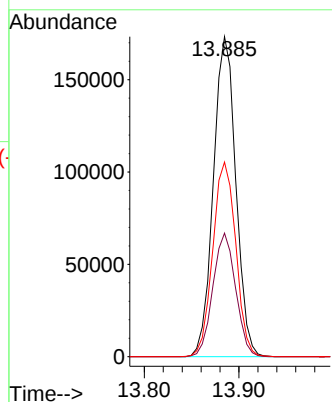
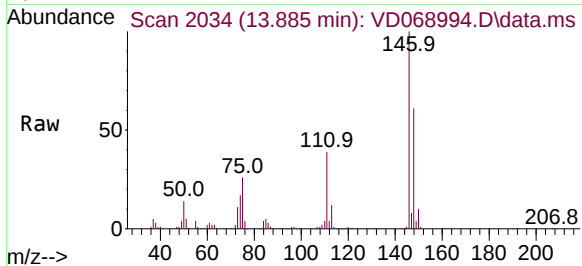




#91  
1,2-Dichlorobenzene  
Concen: 49.70 ug/l  
RT: 13.885 min Scan# 2034  
Delta R.T. 0.001 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

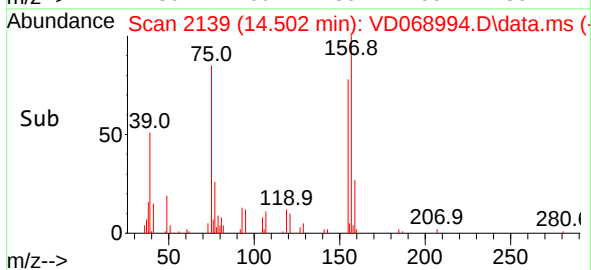
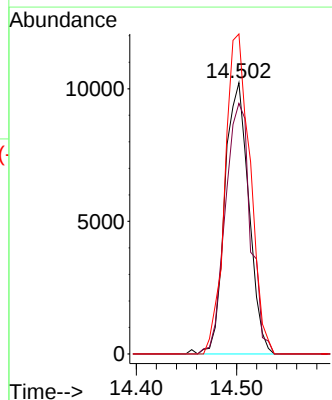
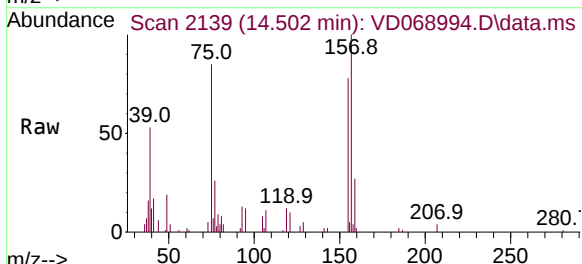
Instrument :  
MSVOA\_D  
ClientSampled :

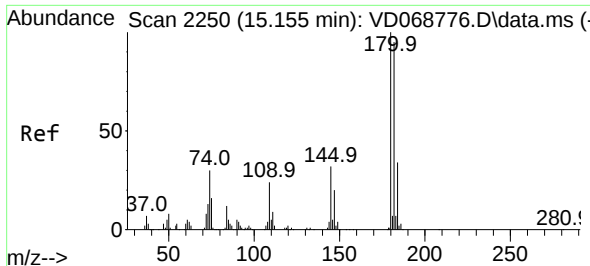
Tgt Ion:146 Resp: 285777  
Ion Ratio Lower Upper  
146 100  
111 39.1 20.3 60.9  
148 62.3 32.2 96.6



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 42.87 ug/l  
RT: 14.502 min Scan# 2139  
Delta R.T. 0.006 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion: 75 Resp: 16992  
Ion Ratio Lower Upper  
75 100  
155 97.6 46.8 140.3  
157 123.3 59.8 179.3

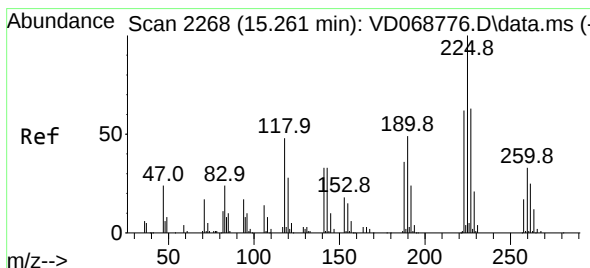
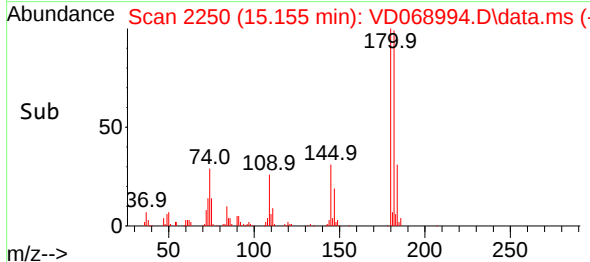
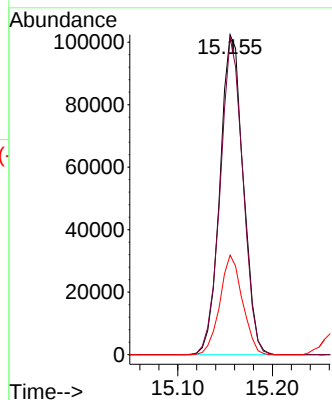
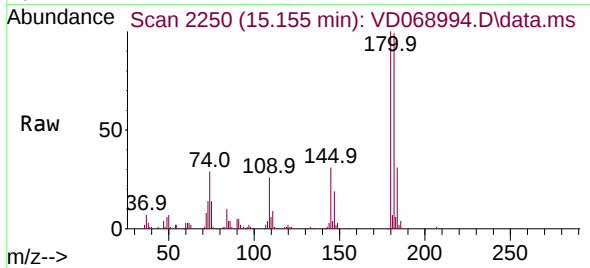




#93  
1,2,4-Trichlorobenzene  
Concen: 49.00 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

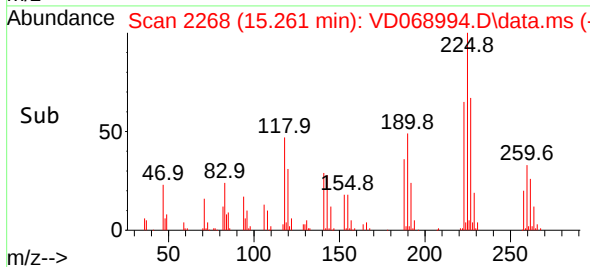
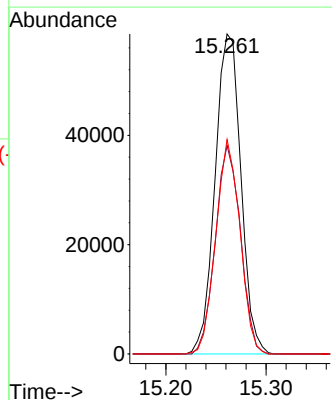
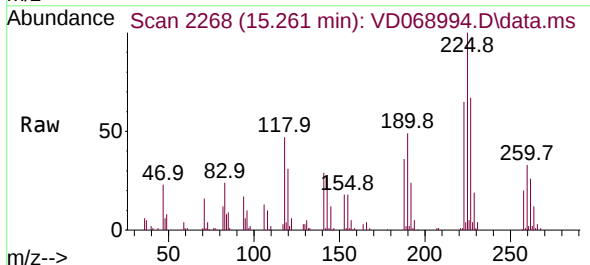
Instrument :  
MSVOA\_D  
ClientSampleId :

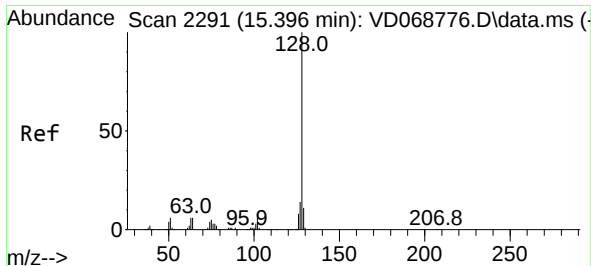
Tgt Ion:180 Resp: 174334  
Ion Ratio Lower Upper  
180 100  
182 96.8 47.9 143.8  
145 30.2 15.2 45.6



#94  
Hexachlorobutadiene  
Concen: 51.44 ug/l  
RT: 15.261 min Scan# 2268  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion:225 Resp: 104785  
Ion Ratio Lower Upper  
225 100  
223 63.2 30.6 91.6  
227 62.7 31.4 94.0

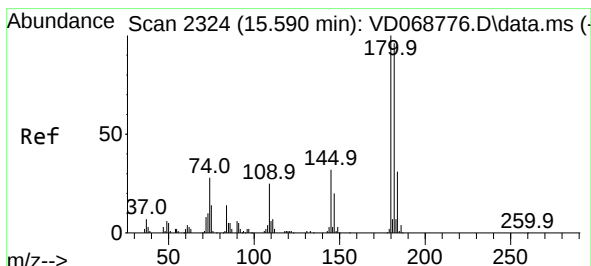
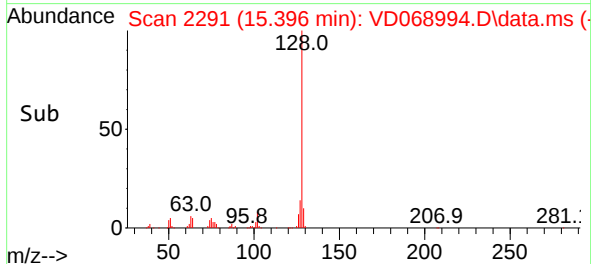
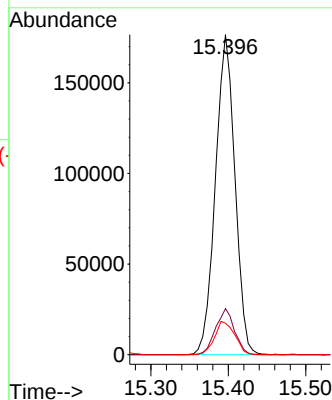
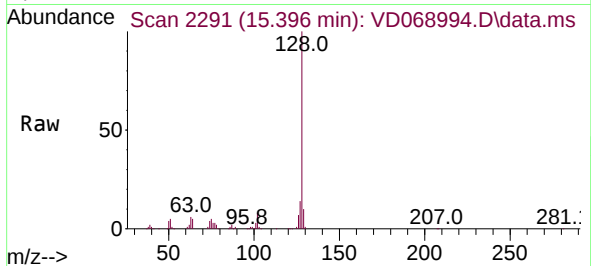




#95  
Naphthalene  
Concen: 49.89 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Instrument :  
MSVOA\_D  
ClientSampled :

Tgt Ion:128 Resp: 309188  
Ion Ratio Lower Upper  
128 100  
127 14.0 10.2 15.4  
129 10.8 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 51.33 ug/l  
RT: 15.590 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VD068994.D  
Acq: 26 Apr 2021 17:53

Tgt Ion:180 Resp: 159720  
Ion Ratio Lower Upper  
180 100  
182 91.7 46.5 139.3  
145 31.9 15.8 47.4

