

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD021521\  
 Data File : VD068365.D  
 Acq On : 15 Feb 2021 16:05  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Feb 16 00:16:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 12 13:30:51 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.985  | 168  | 368832   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 650988   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.644 | 117  | 596154   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.573 | 152  | 269025   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 218625   | 57.98    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 115.96% |
| 35) Dibromofluoromethane    | 7.920  | 113   | 214148   | 55.42    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 110.84% |
| 50) Toluene-d8              | 10.344 | 98    | 867279   | 54.15    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 108.30% |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 285253   | 54.68    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 109.36% |

|                              |       |     |         |        |        |        |
|------------------------------|-------|-----|---------|--------|--------|--------|
| Target Compounds             |       |     |         |        |        | Qvalue |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 152637  | 45.16  | ug/l   | 93     |
| 3) Chloromethane             | 2.209 | 50  | 190456  | 47.33  | ug/l   | 95     |
| 4) Vinyl Chloride            | 2.350 | 62  | 227995  | 47.33  | ug/l   | 98     |
| 5) Bromomethane              | 2.773 | 94  | 156385  | 45.42  | ug/l   | 99     |
| 6) Chloroethane              | 2.926 | 64  | 151800  | 48.25  | ug/l   | 100    |
| 7) Trichlorofluoromethane    | 3.279 | 101 | 280693  | 47.34  | ug/l   | 98     |
| 8) Diethyl Ether             | 3.715 | 74  | 90801   | 52.15  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluo... | 4.103 | 101 | 174772  | 48.44  | ug/l   | 92     |
| 10) Methyl Iodide            | 4.309 | 142 | 175408  | 51.77  | ug/l   | 94     |
| 11) Tert butyl alcohol       | 5.220 | 59  | 48872   | 258.53 | ug/l # | 93     |
| 12) 1,1-Dichloroethene       | 4.073 | 96  | 168408  | 48.01  | ug/l   | 95     |
| 13) Acrolein                 | 3.926 | 56  | 64925   | 300.35 | ug/l   | 98     |
| 14) Allyl chloride           | 4.715 | 41  | 240825  | 52.80  | ug/l   | 97     |
| 15) Acrylonitrile            | 5.432 | 53  | 203683  | 271.02 | ug/l   | 99     |
| 16) Acetone                  | 4.162 | 43  | 146818  | 252.38 | ug/l   | 90     |
| 17) Carbon Disulfide         | 4.415 | 76  | 477683  | 47.02  | ug/l   | 99     |
| 18) Methyl Acetate           | 4.720 | 43  | 86307   | 54.06  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 416046  | 52.56  | ug/l # | 90     |
| 20) Methylene Chloride       | 4.967 | 84  | 219955  | 54.69  | ug/l   | 91     |
| 21) trans-1,2-Dichloroethene | 5.473 | 96  | 198746  | 48.95  | ug/l   | 93     |
| 22) Diisopropyl ether        | 6.373 | 45  | 550164  | 54.51  | ug/l # | 90     |
| 23) Vinyl Acetate            | 6.314 | 43  | 1452742 | 278.77 | ug/l   | 97     |
| 24) 1,1-Dichloroethane       | 6.273 | 63  | 351406  | 50.88  | ug/l   | 99     |
| 25) 2-Butanone               | 7.214 | 43  | 220815  | 271.48 | ug/l   | 98     |
| 26) 2,2-Dichloropropane      | 7.214 | 77  | 292636  | 49.54  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene   | 7.214 | 96  | 235928  | 51.12  | ug/l   | 96     |
| 28) Bromochloromethane       | 7.550 | 49  | 172282  | 60.15  | ug/l # | 77     |
| 29) Tetrahydrofuran          | 7.561 | 42  | 145439  | 276.43 | ug/l   | 94     |
| 30) Chloroform               | 7.714 | 83  | 371195  | 51.68  | ug/l   | 99     |
| 31) Cyclohexane              | 7.985 | 56  | 293220  | 52.35  | ug/l   | 93     |
| 32) 1,1,1-Trichloroethane    | 7.908 | 97  | 310846  | 50.08  | ug/l   | 95     |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 278064  | 48.28  | ug/l   | 96     |
| 37) Ethyl Acetate            | 7.297 | 43  | 104611  | 53.75  | ug/l # | 95     |
| 38) Carbon Tetrachloride     | 8.103 | 117 | 266225  | 48.46  | ug/l   | 91     |
| 39) Methylcyclohexane        | 9.355 | 83  | 331394  | 46.91  | ug/l   | 96     |
| 40) Benzene                  | 8.355 | 78  | 815819  | 49.66  | ug/l   | 95     |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Feb 16 00:16:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 12 13:30:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.532  | 41   | 56951    | 50.84   | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 227813   | 51.99   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.456  | 43   | 201606   | 54.10   | ug/l   | 98       |
| 44) Trichloroethene           | 9.114  | 130  | 215661   | 48.24   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 207929   | 51.87   | ug/l   | 94       |
| 46) Dibromomethane            | 9.479  | 93   | 107539   | 49.46   | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.661  | 83   | 290375   | 51.50   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.461  | 41   | 98380    | 52.90   | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 25434    | 1001.15 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.232 | 43   | 520575   | 271.99  | ug/l   | 99       |
| 52) Toluene                   | 10.408 | 92   | 524104   | 49.62   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 272833   | 52.29   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 326125   | 51.16   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 159781   | 53.19   | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 194771   | 54.65   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.949 | 76   | 270743   | 51.36   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 521601   | 273.30  | ug/l   | 92       |
| 59) 2-Hexanone                | 10.985 | 43   | 349295   | 269.98  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.144 | 129  | 192203   | 51.56   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.249 | 107  | 148892   | 51.29   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.879 | 164  | 173885   | 47.40   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.673 | 112  | 565542   | 49.34   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.744 | 131  | 202710   | 50.68   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.744 | 91   | 1024809  | 49.86   | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.855 | 106  | 769160   | 99.03   | ug/l   | 99       |
| 69) o-Xylene                  | 12.179 | 106  | 361631   | 50.75   | ug/l   | 96       |
| 70) Styrene                   | 12.196 | 104  | 627082   | 50.59   | ug/l   | 99       |
| 71) Bromoform                 | 12.361 | 173  | 101650   | 49.47   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.479 | 105  | 974381   | 49.58   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.285 | 43   | 187621   | 54.07   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 173828   | 51.04   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 222924   | 87.08   | ug/l # | 100      |
| 77) Bromobenzene              | 12.761 | 156  | 219485   | 50.00   | ug/l   | 88       |
| 78) n-propylbenzene           | 12.820 | 91   | 1164598  | 49.51   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 646154   | 49.60   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 796616   | 49.61   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 54792    | 53.65   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 682583   | 49.56   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 698411   | 50.14   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 807852   | 50.50   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.396 | 105  | 970019   | 49.79   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 878499   | 50.23   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 418081   | 49.23   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.596 | 146  | 416301   | 49.26   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.843 | 91   | 850993   | 49.86   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.108 | 117  | 160050   | 50.40   | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.885 | 146  | 370043   | 50.25   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.502 | 75   | 25479    | 51.17   | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 246027   | 51.01   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.261 | 225  | 132670   | 50.01   | ug/l   | 97       |
| 95) Naphthalene               | 15.396 | 128  | 476096   | 53.10   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.590 | 180  | 206641   | 49.12   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Feb 16 00:16:52 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D021221S.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 12 13:30:51 2021  
Response via : Initial Calibration

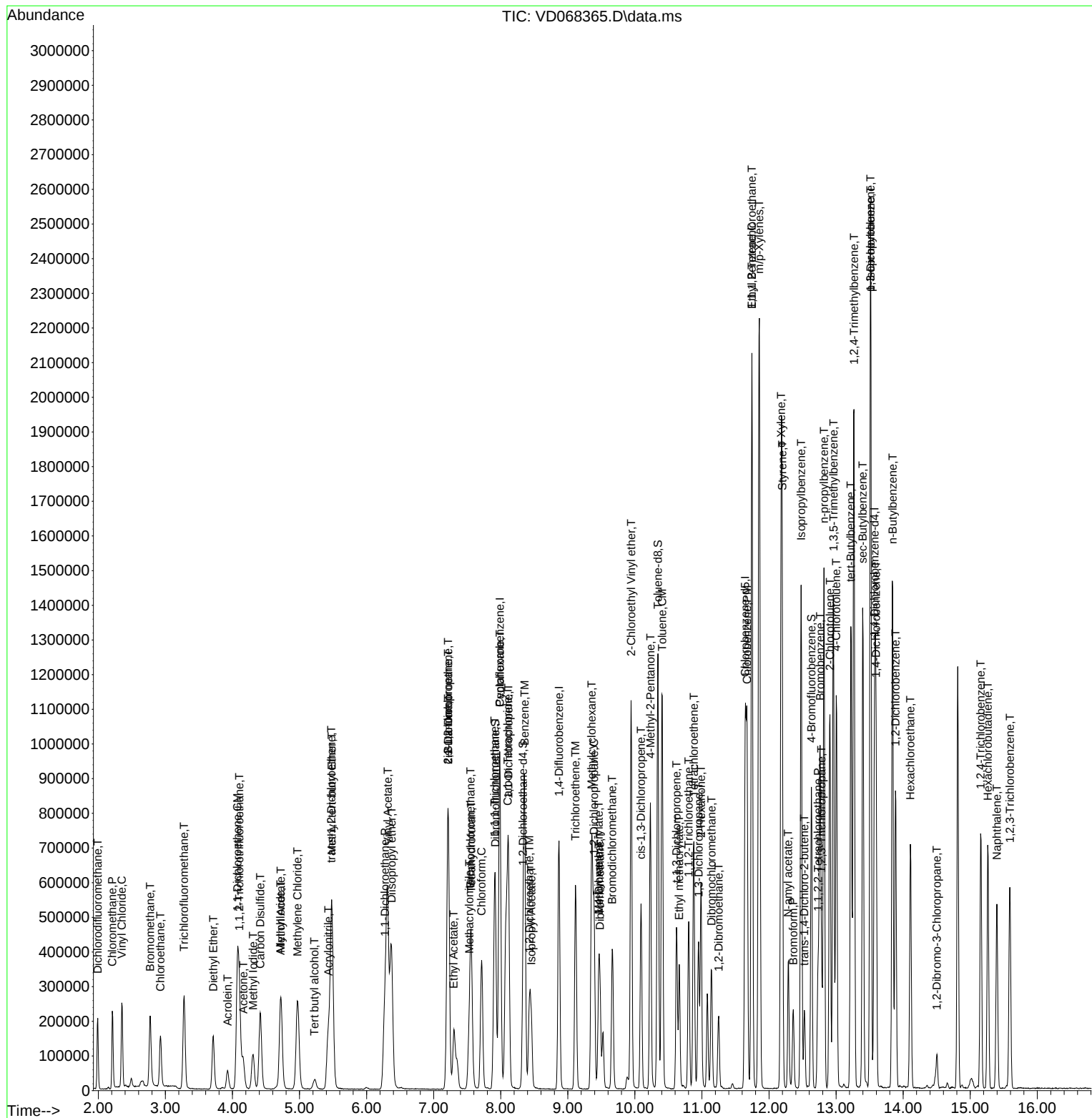
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

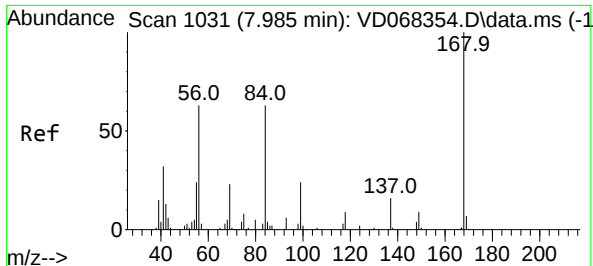
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 Data File : VD068365.D  
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 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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 Quant Title : SW846 8260  
 QLast Update : Fri Feb 12 13:30:51 2021  
 Response via : Initial Calibration

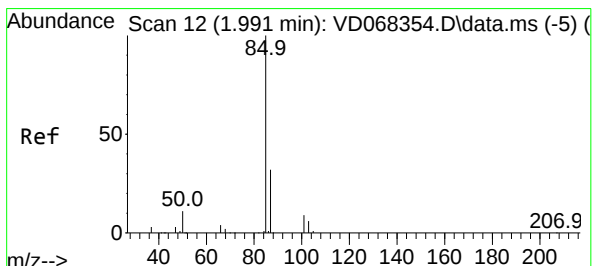
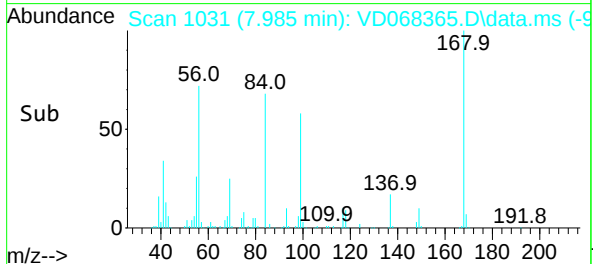
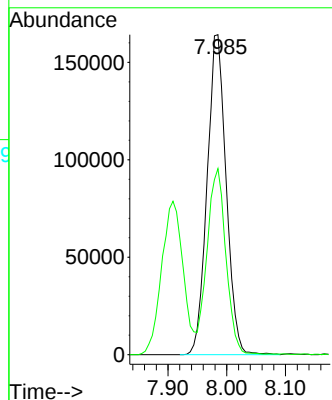
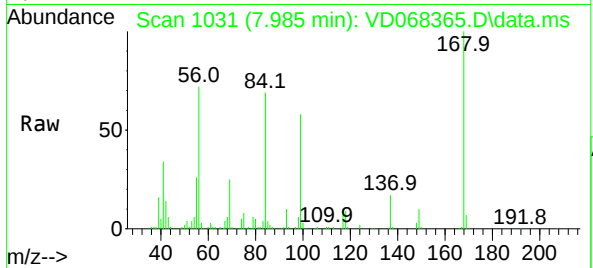




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

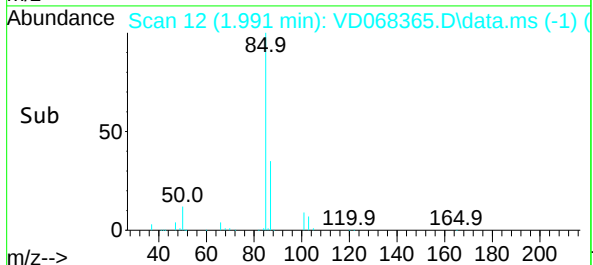
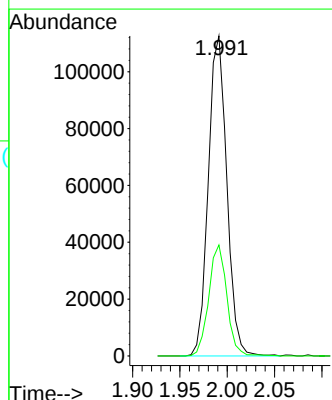
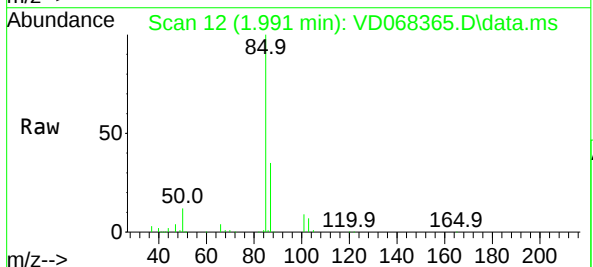
Instrument :  
MSVOA\_D  
ClientSampleId :

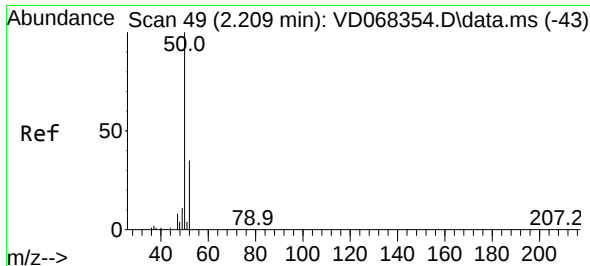
Tgt Ion:168 Resp: 368832  
Ion Ratio Lower Upper  
168 100  
99 57.9 43.5 65.3



#2  
Dichlorodifluoromethane  
Concen: 45.16 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 85 Resp: 152637  
Ion Ratio Lower Upper  
85 100  
87 34.7 15.4 46.1

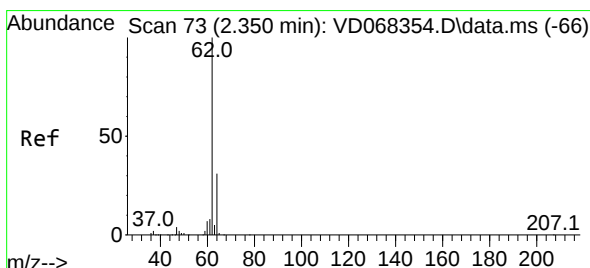
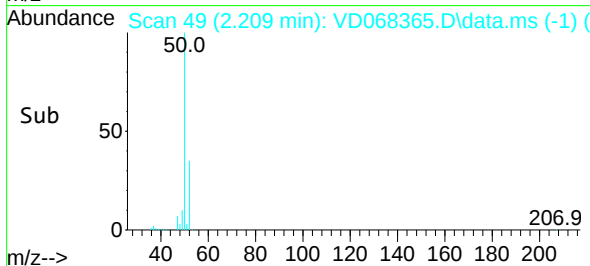
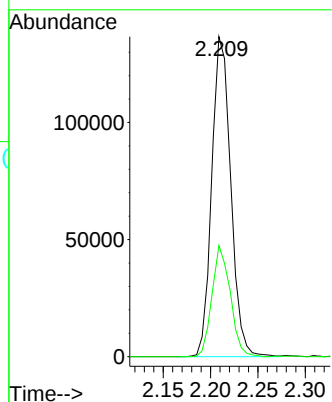
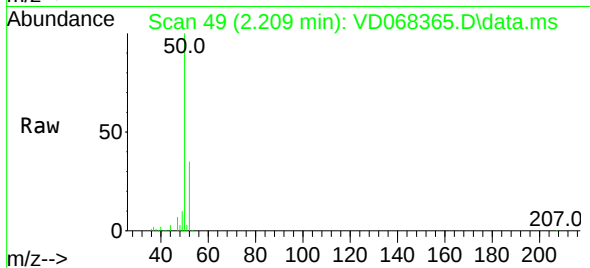




#3  
Chloromethane  
Concen: 47.33 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

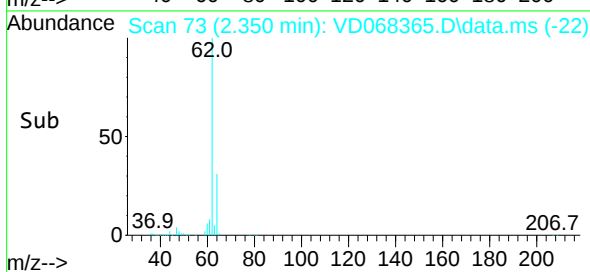
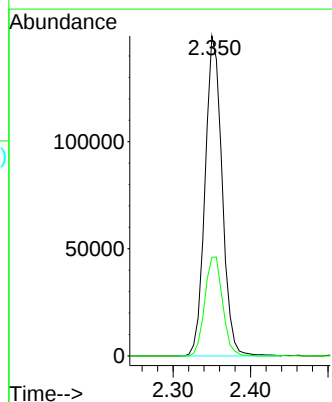
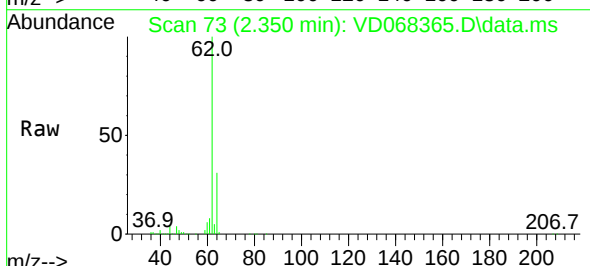
Instrument :  
MSVOA\_D  
ClientSampled :

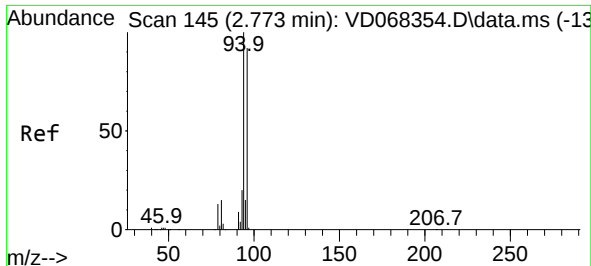
Tgt Ion: 50 Resp: 190456  
Ion Ratio Lower Upper  
50 100  
52 34.7 25.4 38.2



#4  
Vinyl Chloride  
Concen: 47.33 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 62 Resp: 227995  
Ion Ratio Lower Upper  
62 100  
64 30.8 25.4 38.2

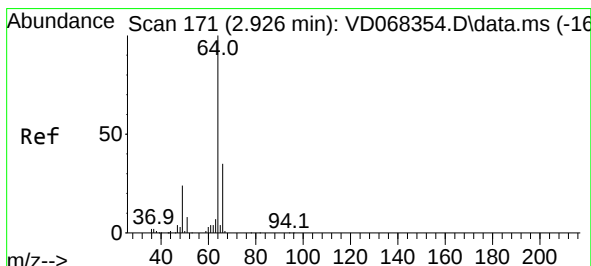
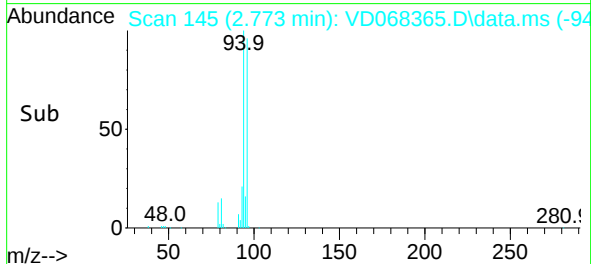
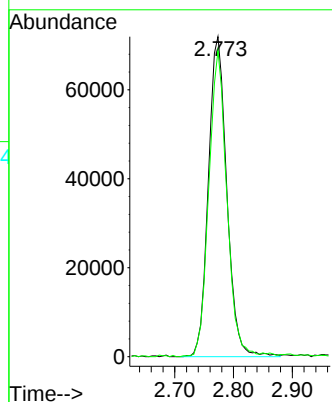
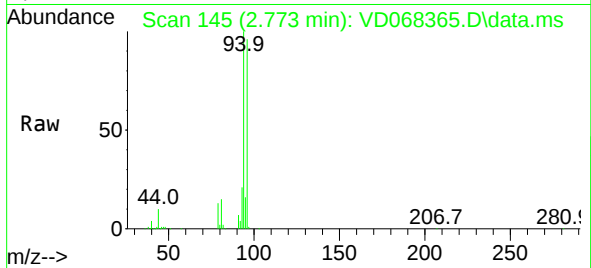




#5  
Bromomethane  
Concen: 45.42 ug/l  
RT: 2.773 min Scan# 145  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

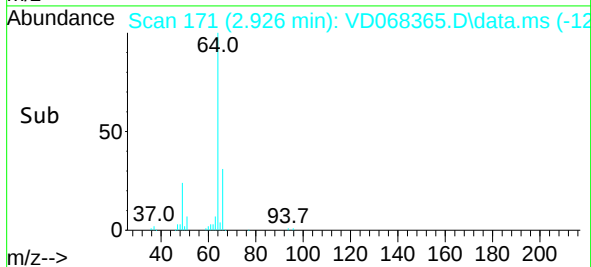
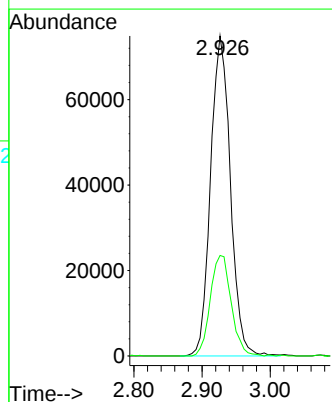
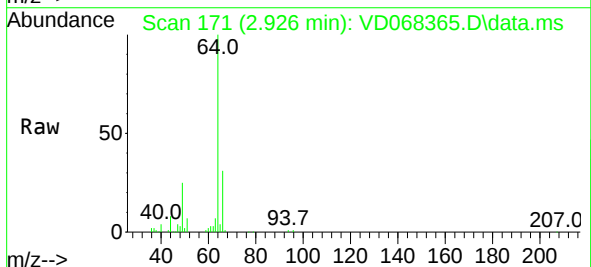
Instrument :  
MSVOA\_D  
ClientSampled :

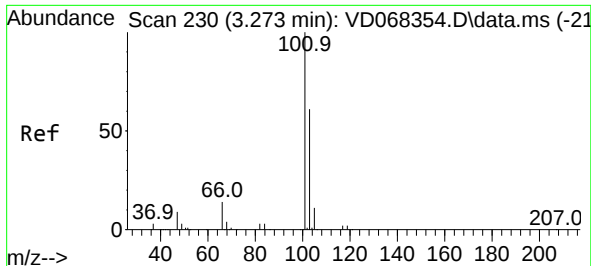
Tgt Ion: 94 Resp: 156385  
Ion Ratio Lower Upper  
94 100  
96 95.6 75.8 113.8



#6  
Chloroethane  
Concen: 48.25 ug/l  
RT: 2.926 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 64 Resp: 151800  
Ion Ratio Lower Upper  
64 100  
66 31.4 25.1 37.7

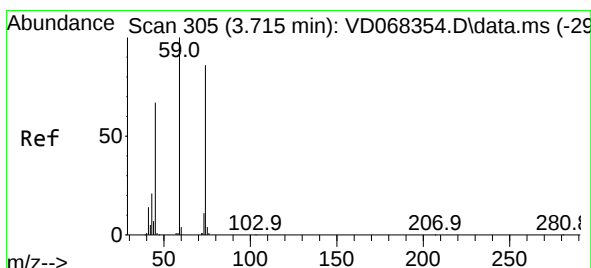
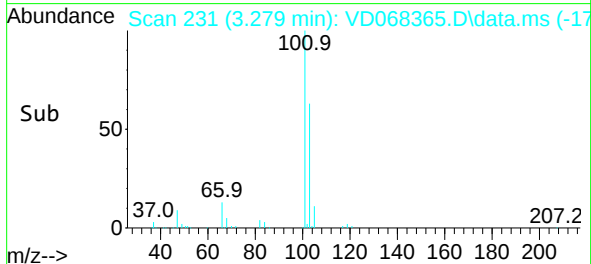
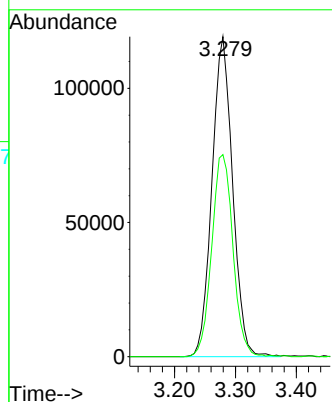
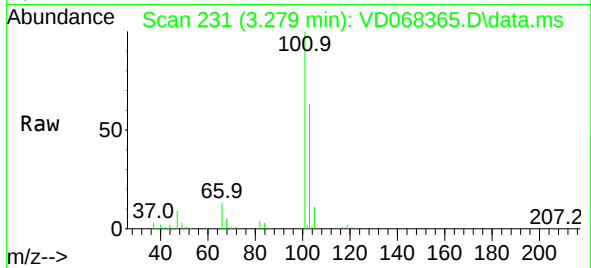




#7  
Trichlorofluoromethane  
Concen: 47.34 ug/l  
RT: 3.279 min Scan# 231  
Delta R.T. 0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

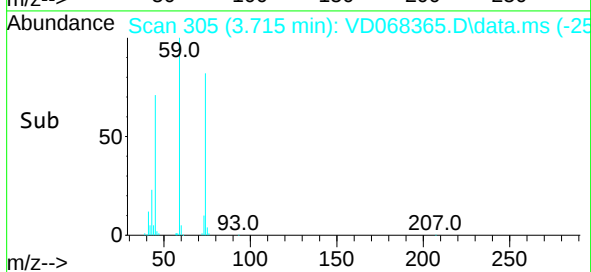
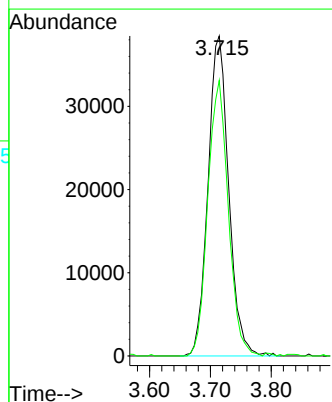
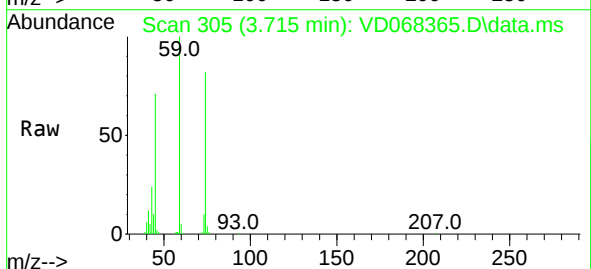
Instrument :  
MSVOA\_D  
ClientSampleId :

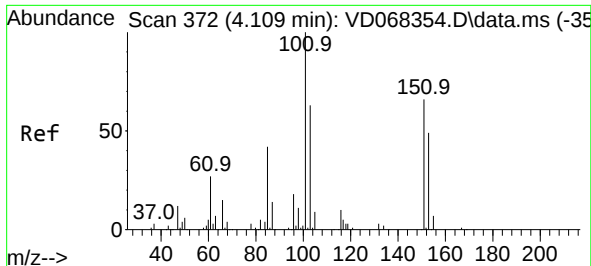
Tgt Ion:101 Resp: 280693  
Ion Ratio Lower Upper  
101 100  
103 63.2 52.0 78.0



#8  
Diethyl Ether  
Concen: 52.15 ug/l  
RT: 3.715 min Scan# 305  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 74 Resp: 90801  
Ion Ratio Lower Upper  
74 100  
45 85.3 42.1 126.4

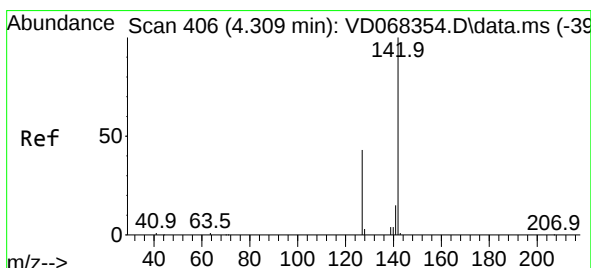
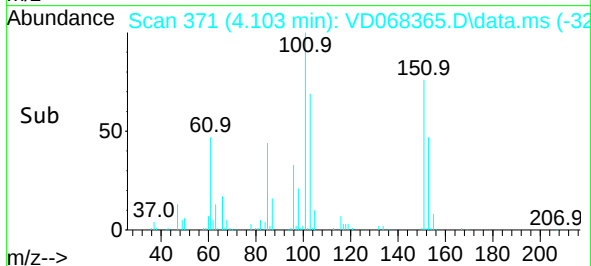
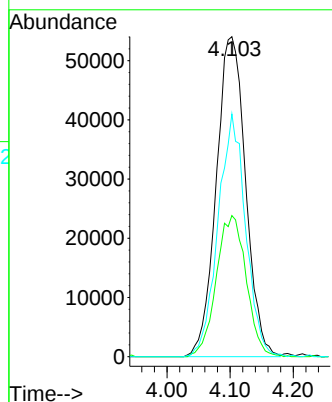
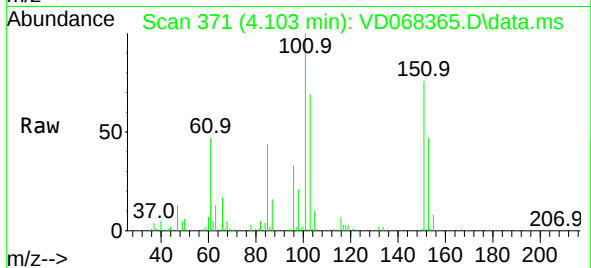




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.44 ug/l  
RT: 4.103 min Scan# 371  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

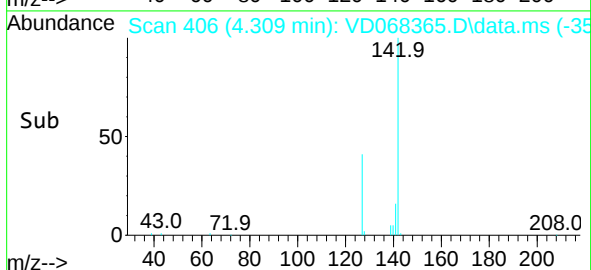
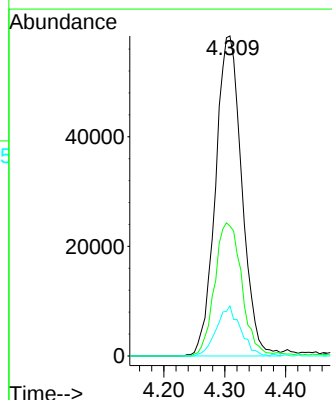
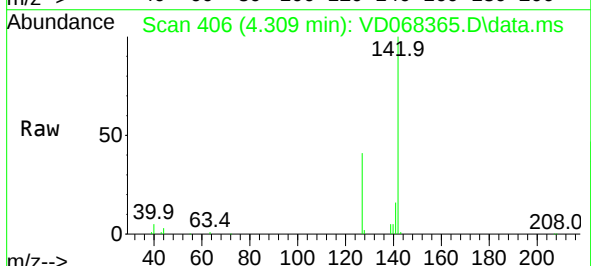
Instrument :  
MSVOA\_D  
ClientSampleId :

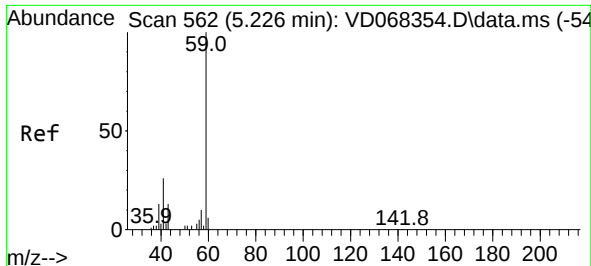
Tgt Ion:101 Resp: 174772  
Ion Ratio Lower Upper  
101 100  
85 44.8 34.0 51.0  
151 71.3 64.1 96.1



#10  
Methyl Iodide  
Concen: 51.77 ug/l  
RT: 4.309 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion:142 Resp: 175408  
Ion Ratio Lower Upper  
142 100  
127 42.6 37.9 56.9  
141 14.3 11.5 17.3

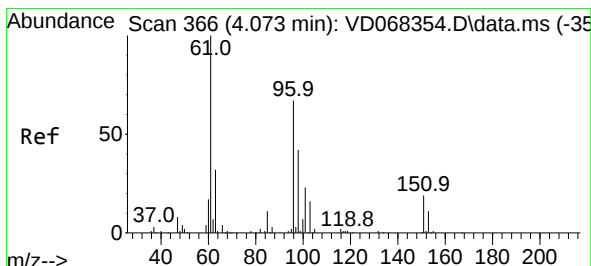
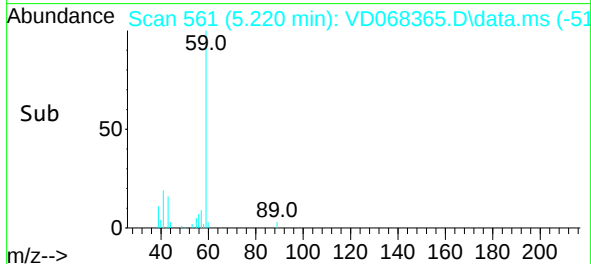
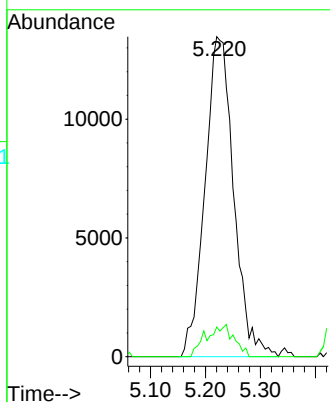
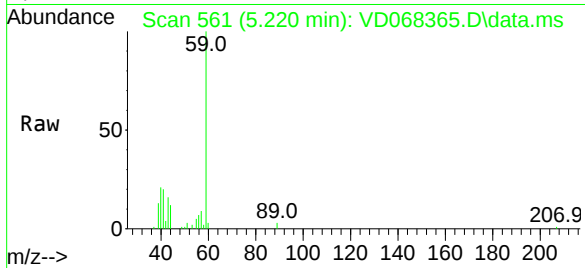




#11  
Tert butyl alcohol  
Concen: 258.53 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

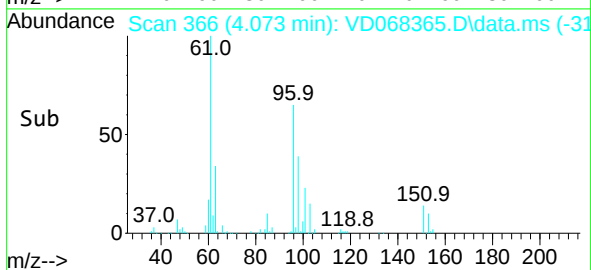
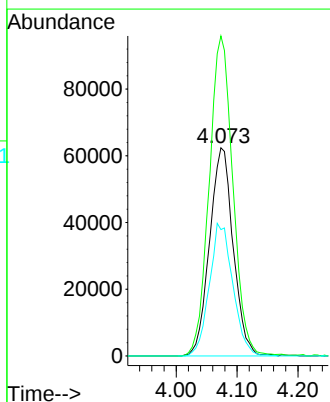
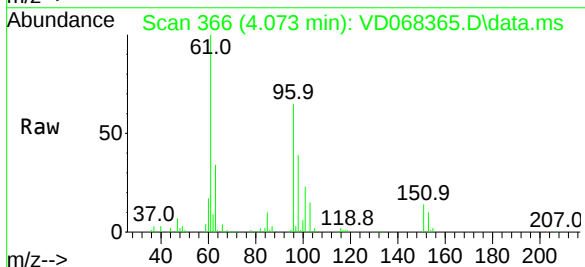
Instrument :  
MSVOA\_D  
ClientSampled :

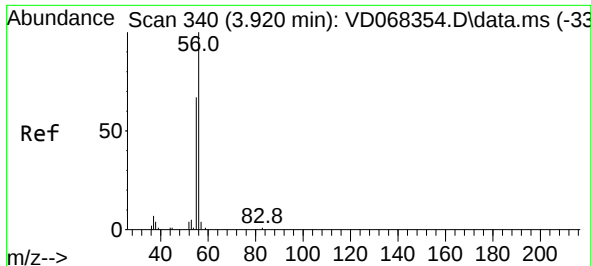
Tgt Ion: 59 Resp: 48872  
Ion Ratio Lower Upper  
59 100  
57 6.7 7.4 11.2#



#12  
1,1-Dichloroethene  
Concen: 48.01 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 96 Resp: 168408  
Ion Ratio Lower Upper  
96 100  
61 153.7 116.2 174.4  
98 60.7 48.6 73.0

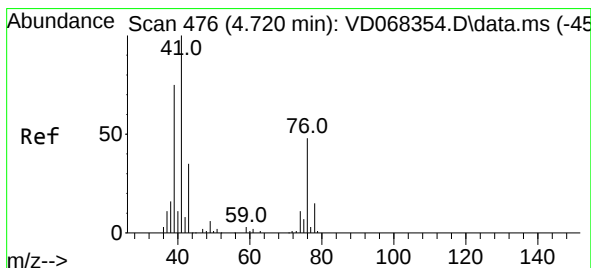
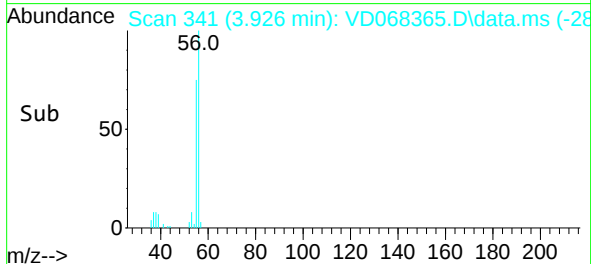
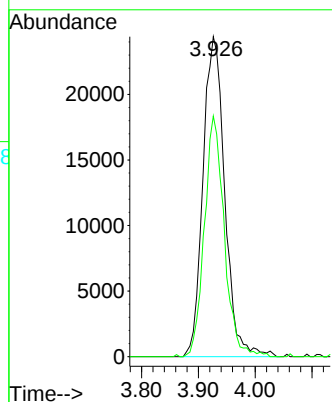
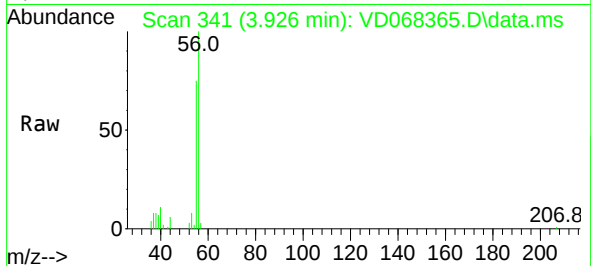




#13  
Acrolein  
Concen: 300.35 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

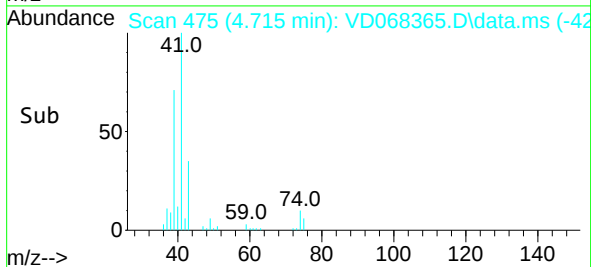
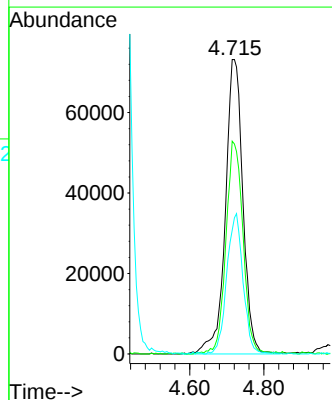
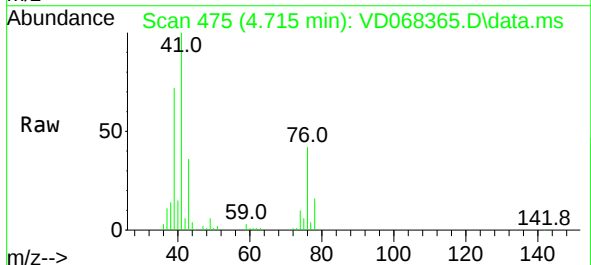
Instrument :  
MSVOA\_D  
ClientSampleId :

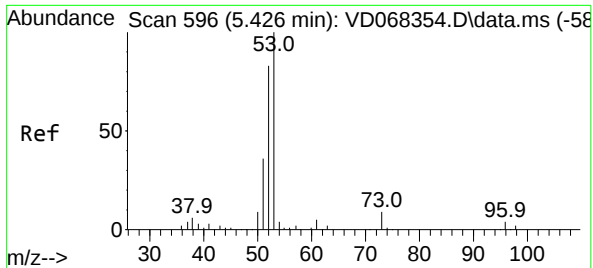
Tgt Ion: 56 Resp: 64925  
Ion Ratio Lower Upper  
56 100  
55 68.6 56.5 84.7



#14  
Allyl chloride  
Concen: 52.80 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 41 Resp: 240825  
Ion Ratio Lower Upper  
41 100  
39 70.2 56.3 84.5  
76 44.0 38.9 58.3

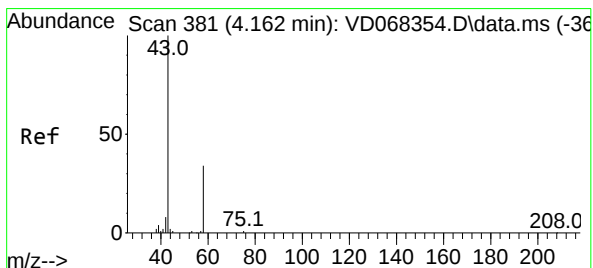
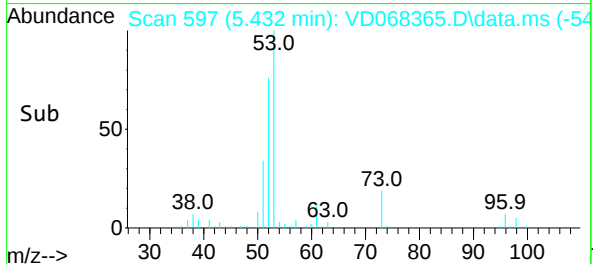
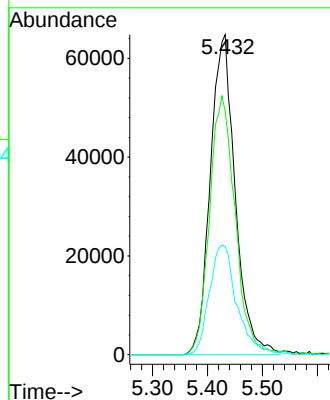
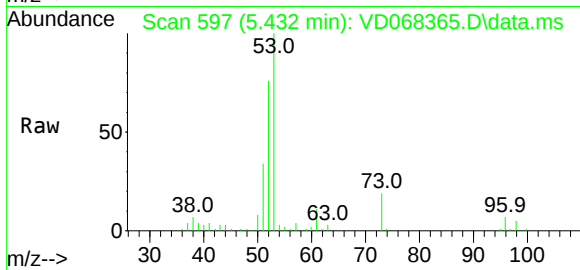




#15  
Acrylonitrile  
Concen: 271.02 ug/l  
RT: 5.432 min Scan# 597  
Delta R.T. 0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

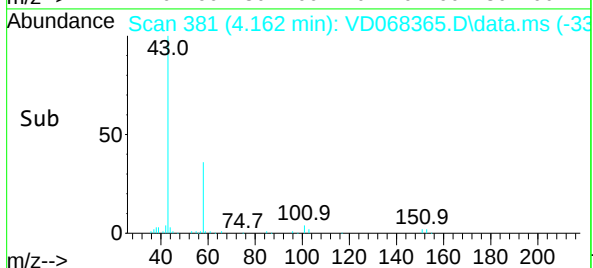
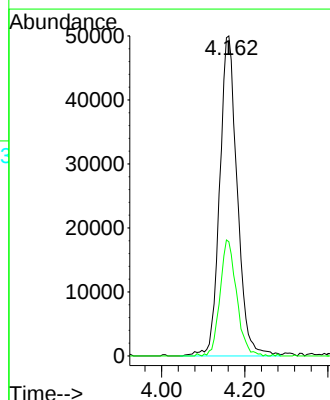
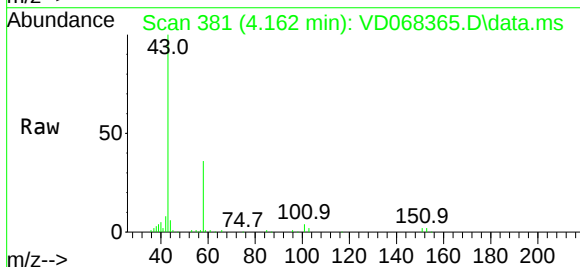
Instrument :  
MSVOA\_D  
ClientSampleId :

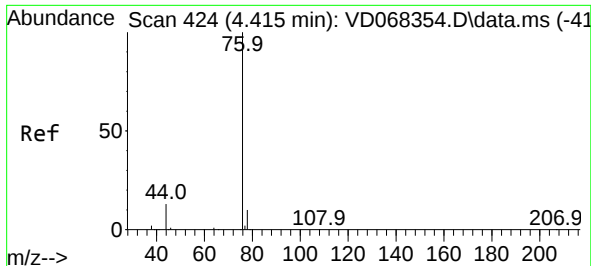
Tgt Ion: 53 Resp: 203683  
Ion Ratio Lower Upper  
53 100  
52 82.9 66.2 99.2  
51 37.7 29.0 43.4



#16  
Acetone  
Concen: 252.38 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

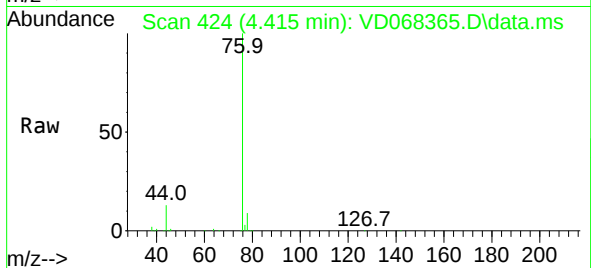
Tgt Ion: 43 Resp: 146818  
Ion Ratio Lower Upper  
43 100  
58 35.7 24.2 36.4



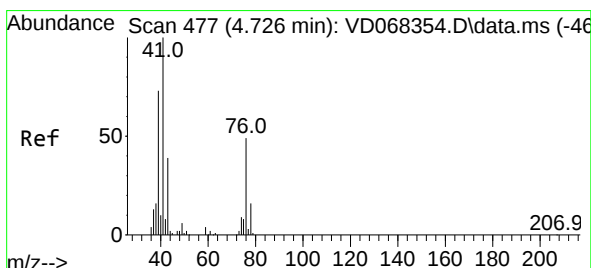
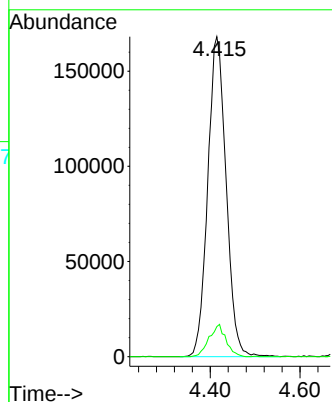
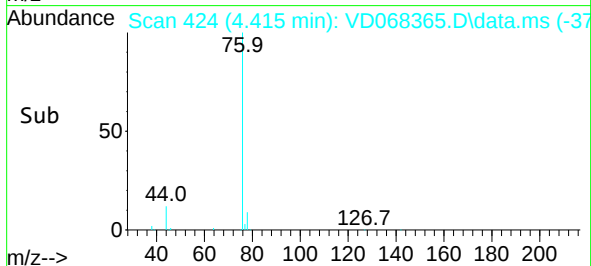


#17  
Carbon Disulfide  
Concen: 47.02 ug/l  
RT: 4.415 min Scan# 424  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

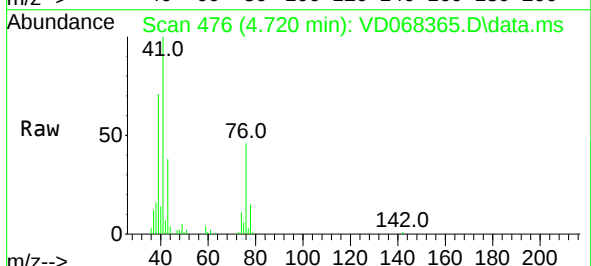
Instrument :  
MSVOA\_D  
ClientSampled :



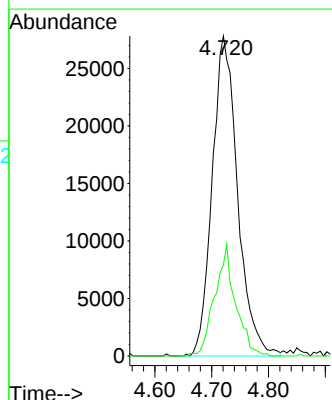
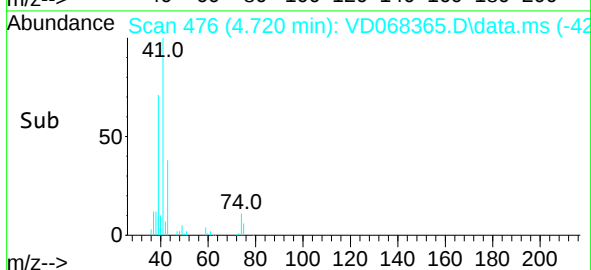
Tgt Ion: 76 Resp: 477683  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.3 10.9

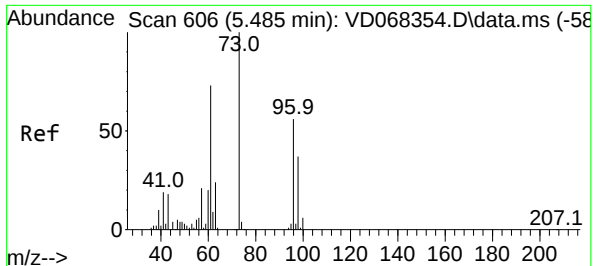


#18  
Methyl Acetate  
Concen: 54.06 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05



Tgt Ion: 43 Resp: 86307  
Ion Ratio Lower Upper  
43 100  
74 28.5 25.4 38.0

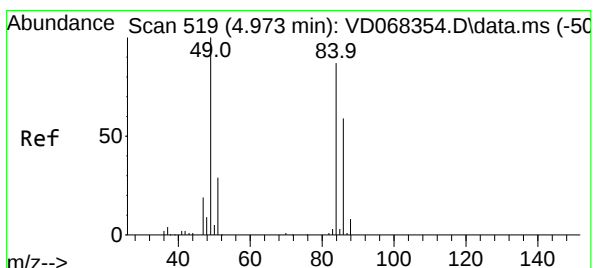
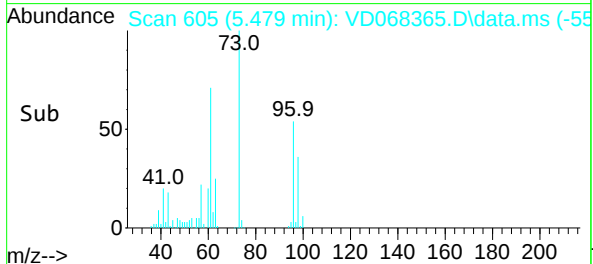
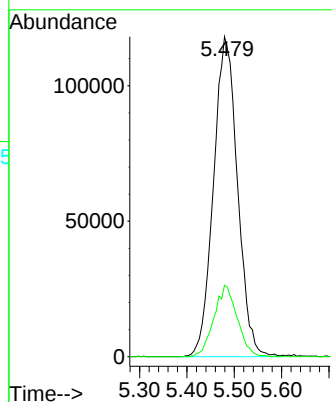
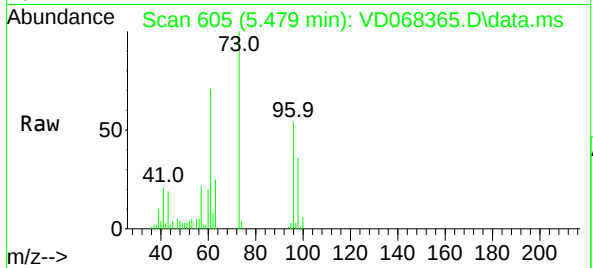




#19  
Methyl tert-butyl Ether  
Concen: 52.56 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

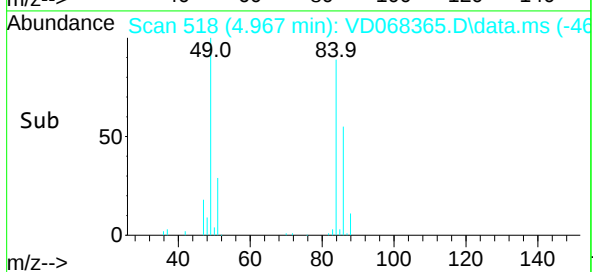
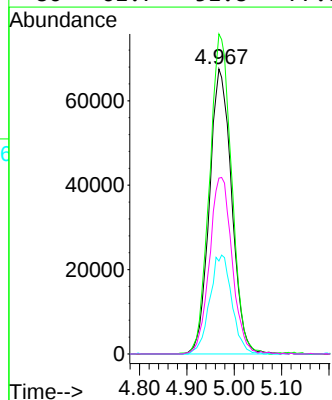
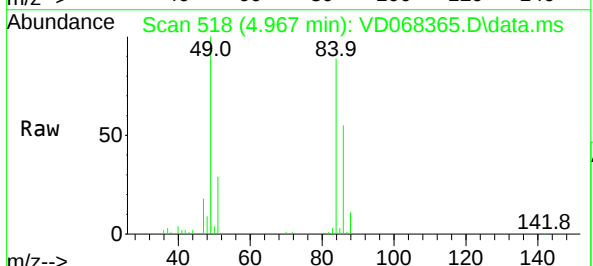
Instrument :  
MSVOA\_D  
ClientSampleId :

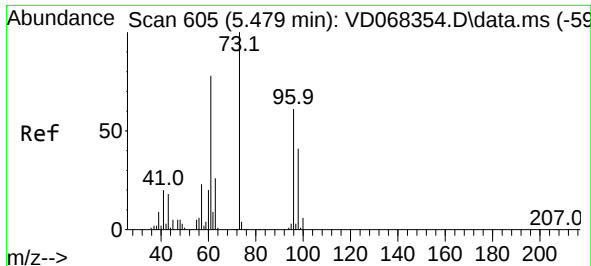
Tgt Ion: 73 Resp: 416046  
Ion Ratio Lower Upper  
73 100  
57 22.4 14.4 21.6#



#20  
Methylene Chloride  
Concen: 54.69 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

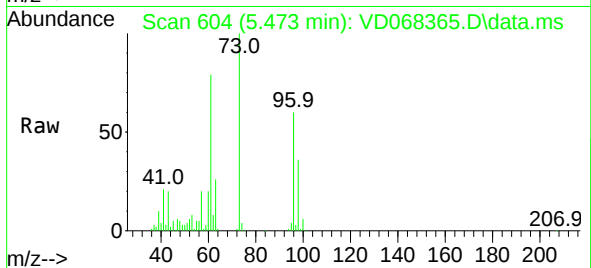
Tgt Ion: 84 Resp: 219955  
Ion Ratio Lower Upper  
84 100  
49 112.0 77.4 116.2  
51 32.7 26.1 39.1  
86 61.7 51.8 77.8



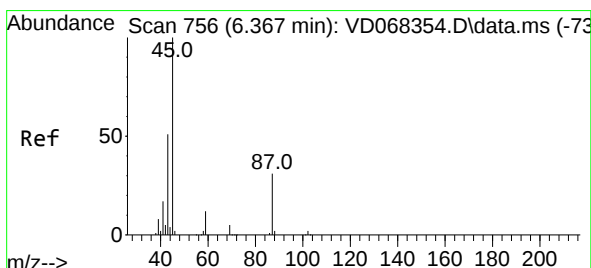
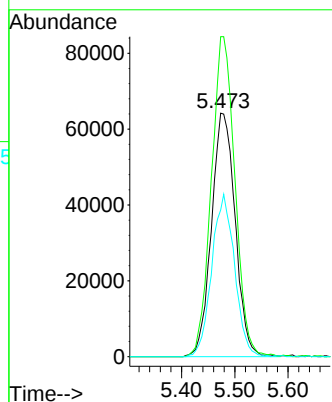
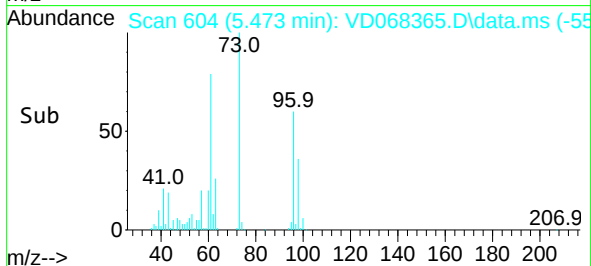


#21  
trans-1,2-Dichloroethene  
Concen: 48.95 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

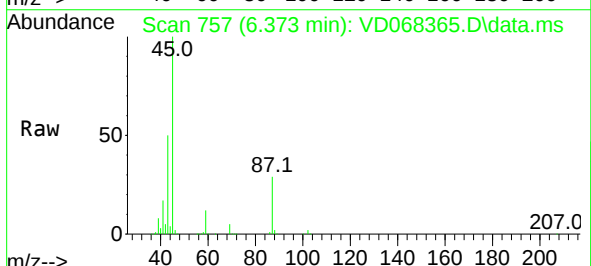
Instrument :  
MSVOA\_D  
ClientSampleId :



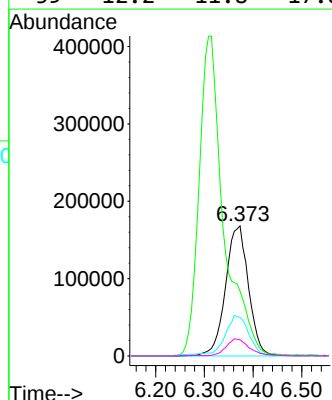
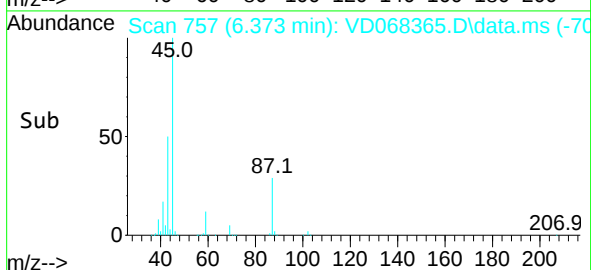
Tgt Ion: 96 Resp: 198746  
Ion Ratio Lower Upper  
96 100  
61 131.4 96.7 145.1  
98 60.2 47.6 71.4

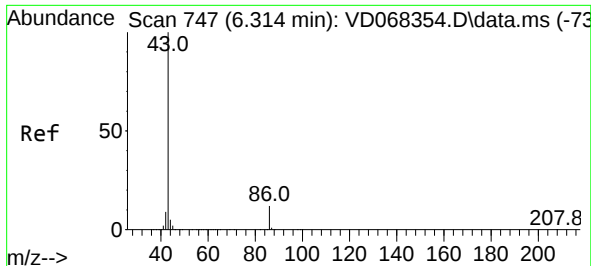


#22  
Diisopropyl ether  
Concen: 54.51 ug/l  
RT: 6.373 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05



Tgt Ion: 45 Resp: 550164  
Ion Ratio Lower Upper  
45 100  
43 48.9 43.9 65.9  
87 29.2 29.9 44.9#  
59 12.2 11.8 17.8

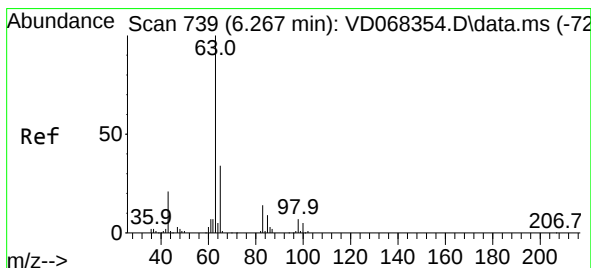
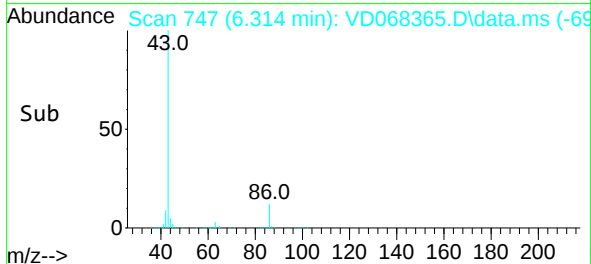
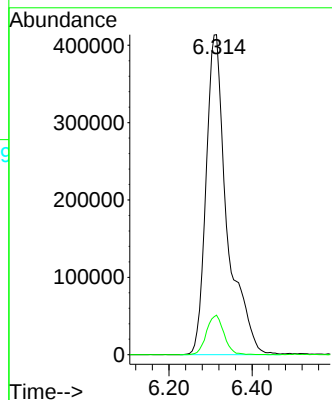
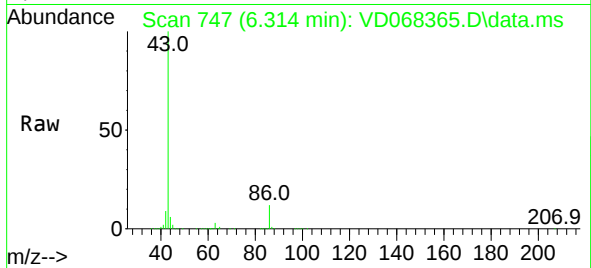




#23  
 Vinyl Acetate  
 Concen: 278.77 ug/l  
 RT: 6.314 min Scan# 747  
 Delta R.T. -0.000 min  
 Lab File: VD068365.D  
 Acq: 15 Feb 2021 16:05

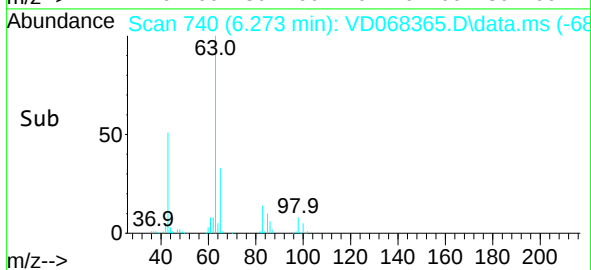
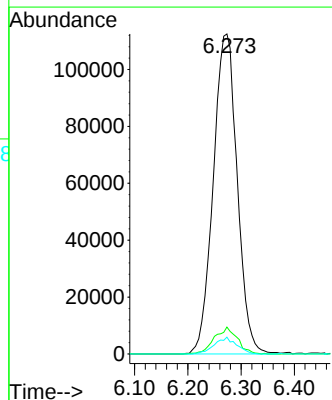
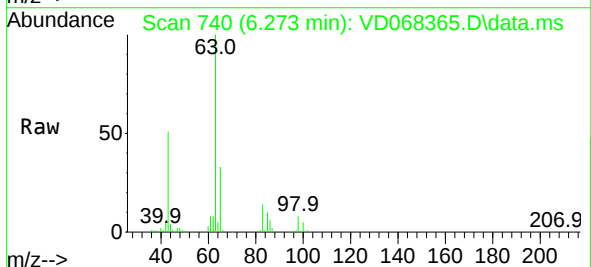
Instrument :  
 MSVOA\_D  
 ClientSampled :

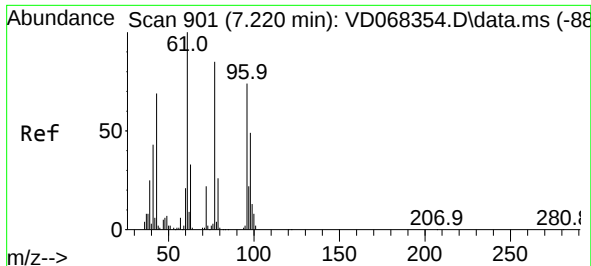
Tgt Ion: 43 Resp: 1452742  
 Ion Ratio Lower Upper  
 43 100  
 86 12.4 10.8 16.2



#24  
 1,1-Dichloroethane  
 Concen: 50.88 ug/l  
 RT: 6.273 min Scan# 740  
 Delta R.T. 0.006 min  
 Lab File: VD068365.D  
 Acq: 15 Feb 2021 16:05

Tgt Ion: 63 Resp: 351406  
 Ion Ratio Lower Upper  
 63 100  
 98 8.4 3.8 11.4  
 100 5.3 2.6 8.0

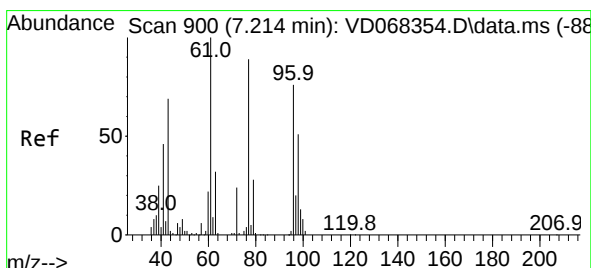
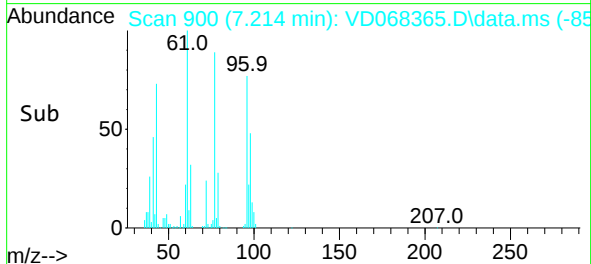
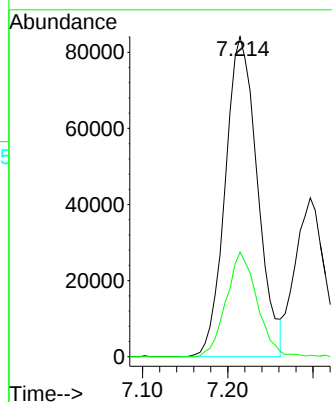
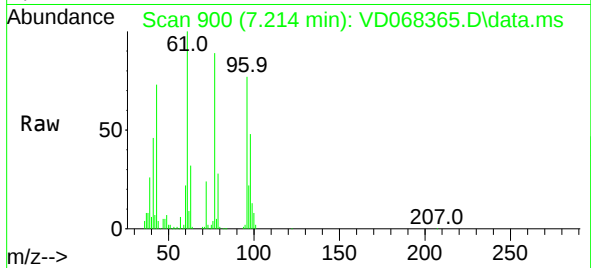




#25  
2-Butanone  
Concen: 271.48 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

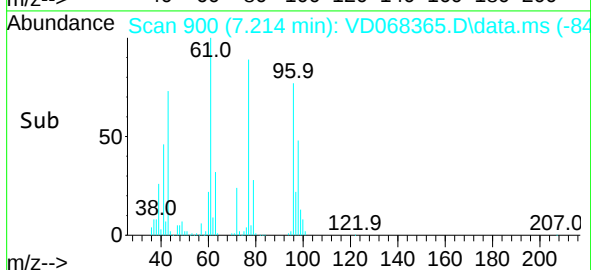
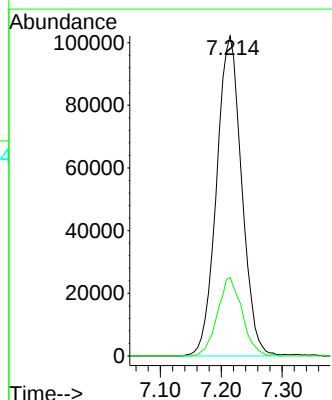
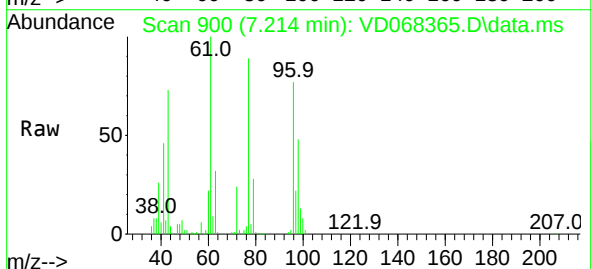
Instrument :  
MSVOA\_D  
ClientSampled :

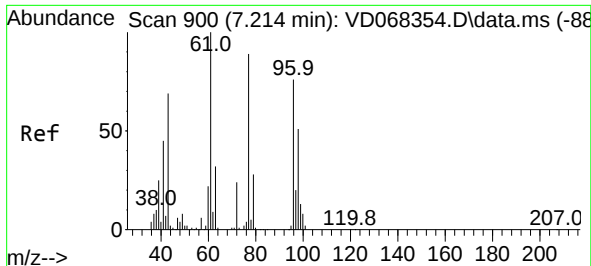
Tgt Ion: 43 Resp: 220815  
Ion Ratio Lower Upper  
43 100  
72 32.6 25.1 37.7



#26  
2,2-Dichloropropane  
Concen: 49.54 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

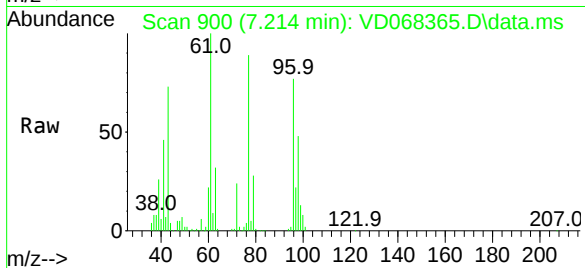
Tgt Ion: 77 Resp: 292636  
Ion Ratio Lower Upper  
77 100  
97 24.1 11.7 35.1



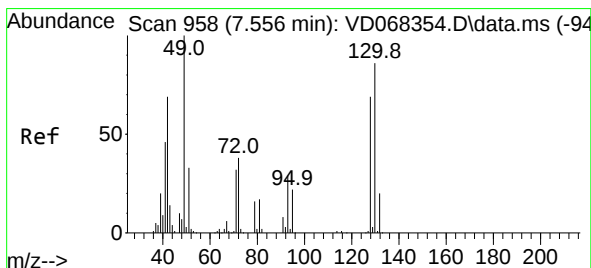
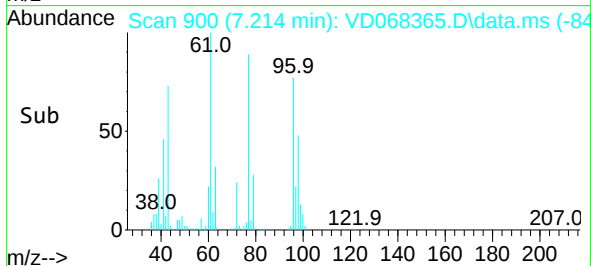
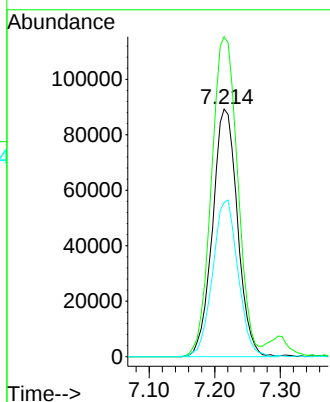


#27  
cis-1,2-Dichloroethene  
Concen: 51.12 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Instrument :  
MSVOA\_D  
ClientSampleId :

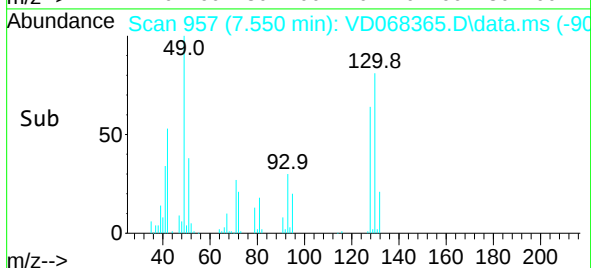
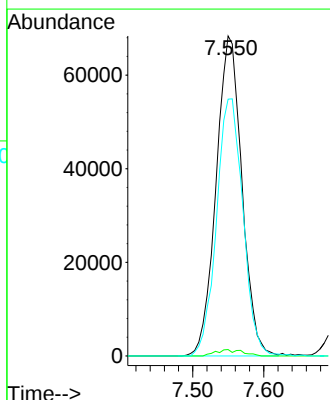
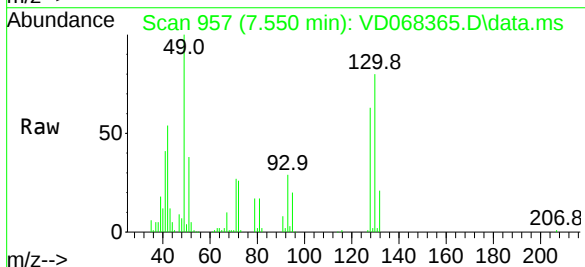


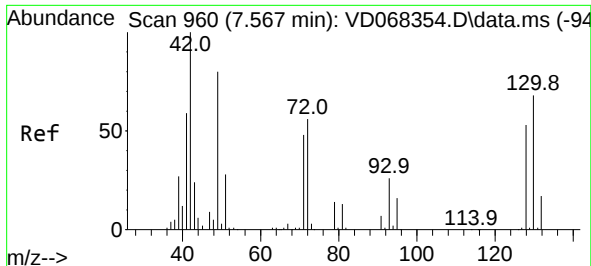
Tgt Ion: 96 Resp: 235928  
Ion Ratio Lower Upper  
96 100  
61 135.6 0.0 257.4  
98 64.2 0.0 126.6



#28  
Bromochloromethane  
Concen: 60.15 ug/l  
RT: 7.550 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 49 Resp: 172282  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 4.8  
130 82.6 85.5 128.3#





#29

Tetrahydrofuran

Concen: 276.43 ug/l

RT: 7.561 min Scan# 959

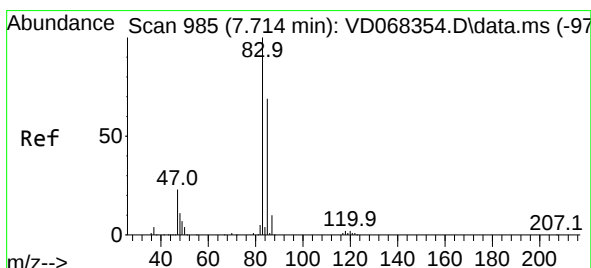
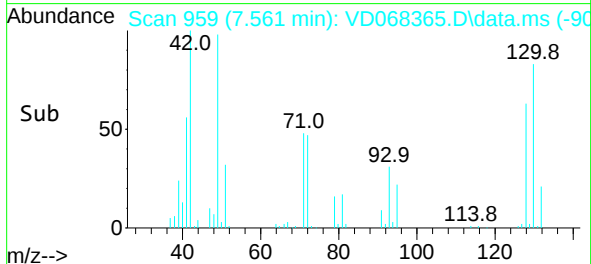
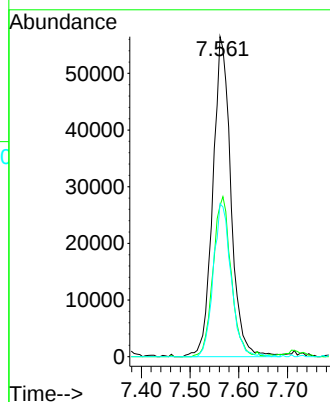
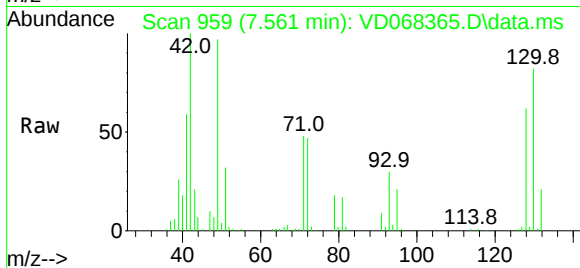
Delta R.T. -0.006 min

Lab File: VD068365.D

Acq: 15 Feb 2021 16:05

Tgt Ion: 42 Resp: 145439

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 49.7  | 43.4  | 65.0  |
| 71  | 46.9  | 40.8  | 61.2  |



#30

Chloroform

Concen: 51.68 ug/l

RT: 7.714 min Scan# 985

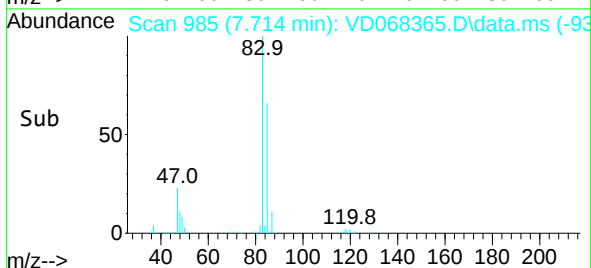
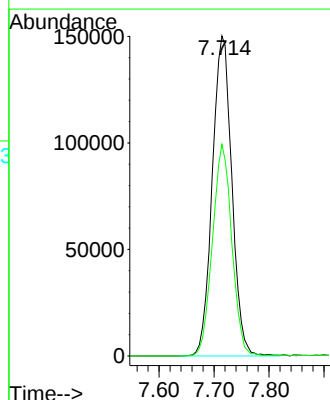
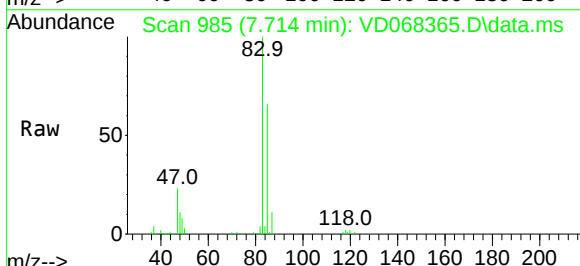
Delta R.T. -0.000 min

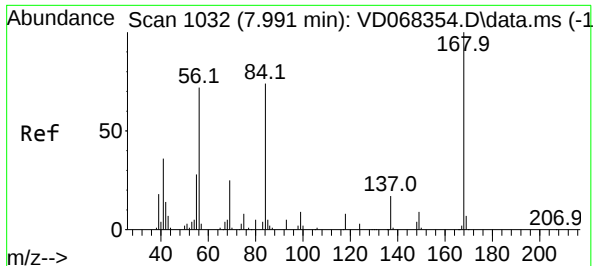
Lab File: VD068365.D

Acq: 15 Feb 2021 16:05

Tgt Ion: 83 Resp: 371195

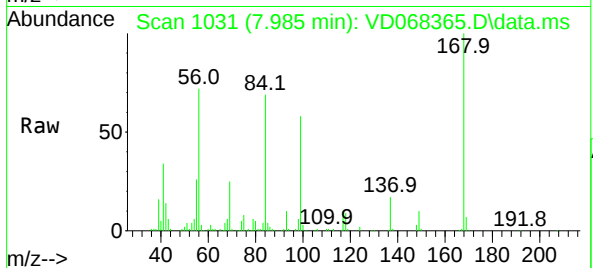
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 66.1  | 53.4  | 80.0  |



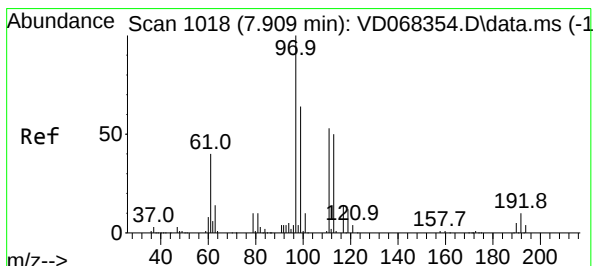
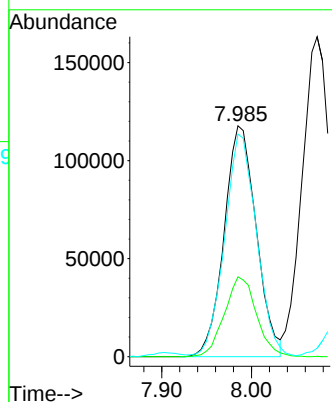
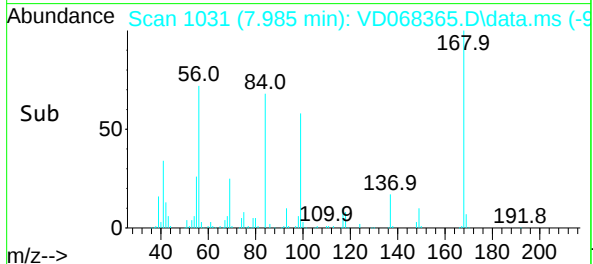


#31  
Cyclohexane  
Concen: 52.35 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

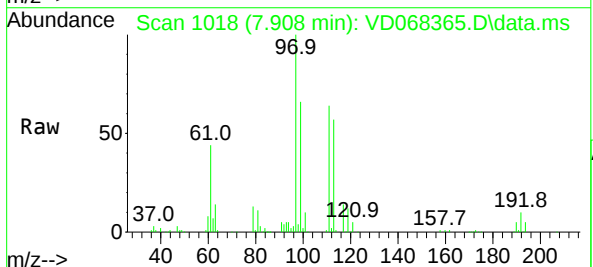
Instrument :  
MSVOA\_D  
ClientSampled :



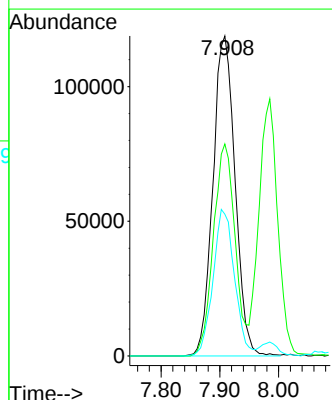
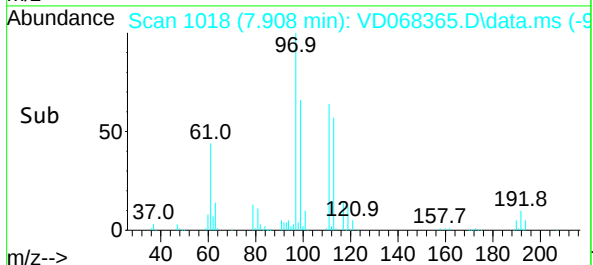
Tgt Ion: 56 Resp: 293220  
Ion Ratio Lower Upper  
56 100  
69 34.6 30.1 45.1  
84 95.4 82.1 123.1

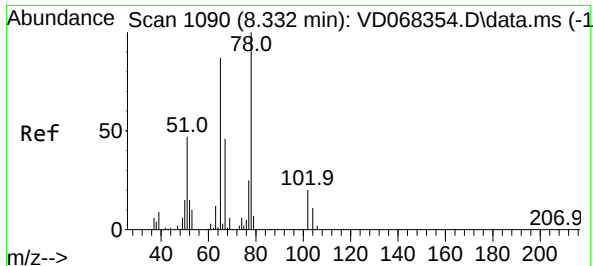


#32  
1,1,1-Trichloroethane  
Concen: 50.08 ug/l  
RT: 7.908 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05



Tgt Ion: 97 Resp: 310846  
Ion Ratio Lower Upper  
97 100  
99 65.6 52.1 78.1  
61 44.6 30.1 45.1

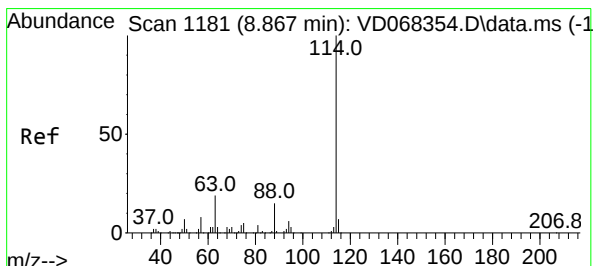
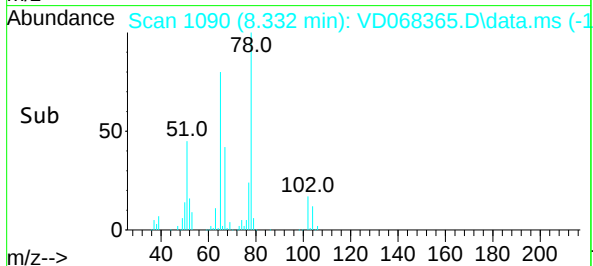
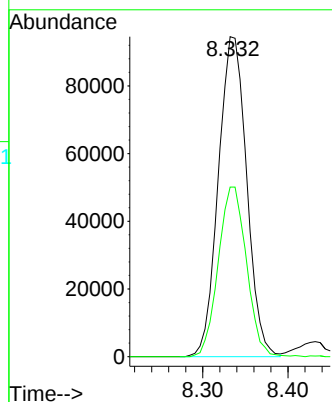
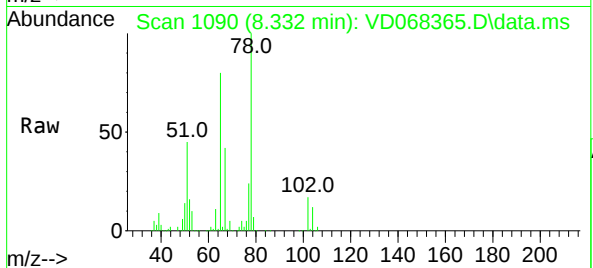




#33  
1,2-Dichloroethane-d4  
Concen: 57.98 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

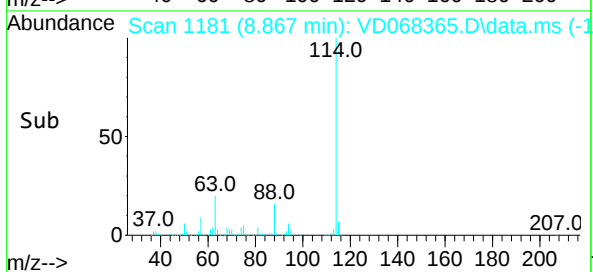
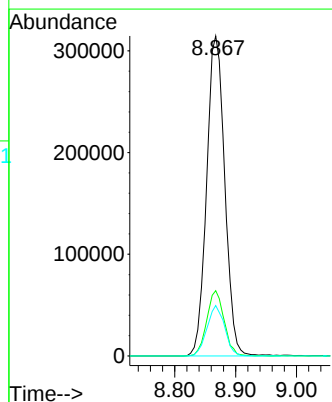
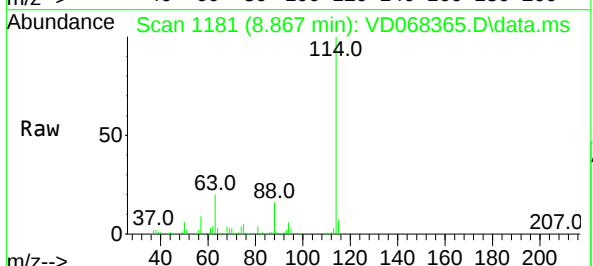
Instrument :  
MSVOA\_D  
ClientSampled :

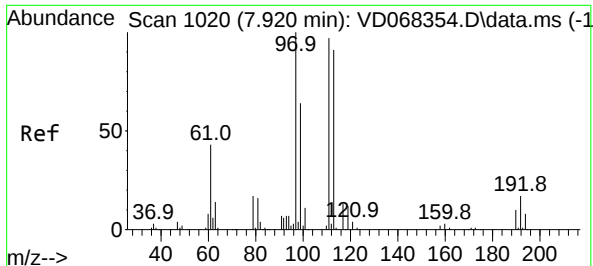
Tgt Ion: 65 Resp: 218625  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 105.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 114 Resp: 650988  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 34.8  
88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.42 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068365.D

Acq: 15 Feb 2021 16:05

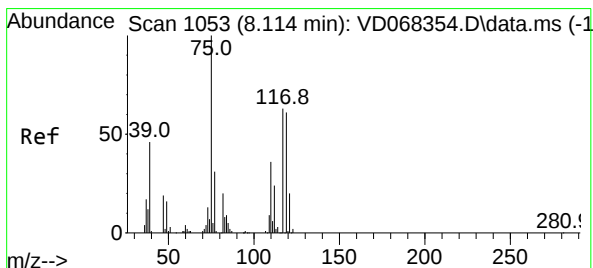
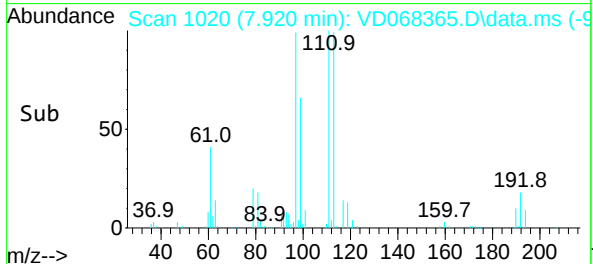
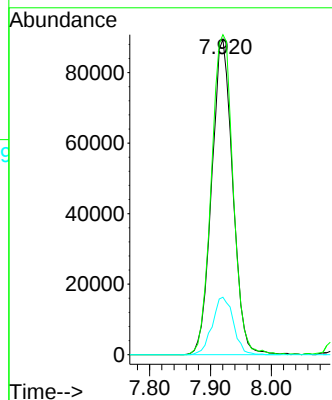
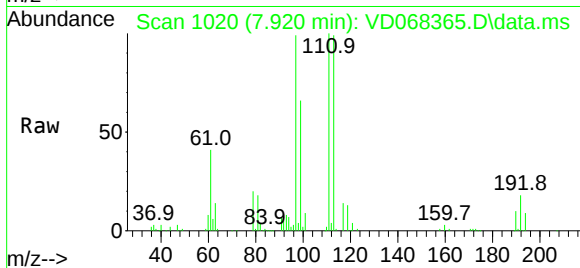
Tgt Ion:113 Resp: 214148

Ion Ratio Lower Upper

113 100

111 105.0 81.4 122.0

192 18.3 16.1 24.1



#36

1,1-Dichloropropene

Concen: 48.28 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VD068365.D

Acq: 15 Feb 2021 16:05

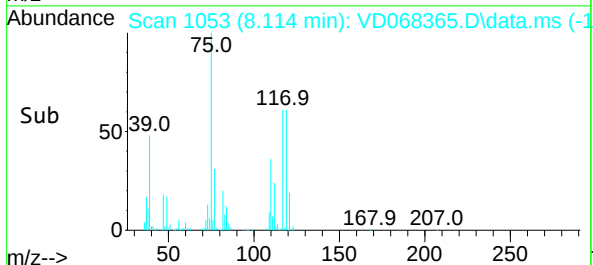
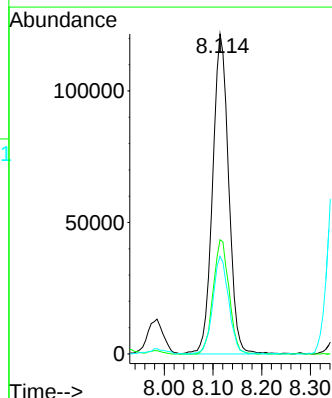
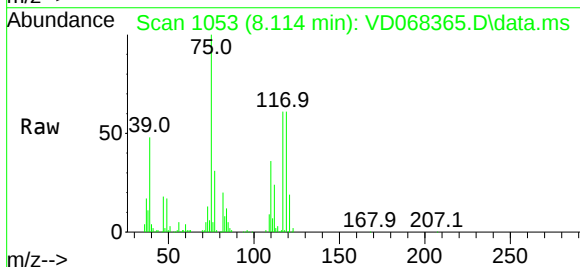
Tgt Ion: 75 Resp: 278064

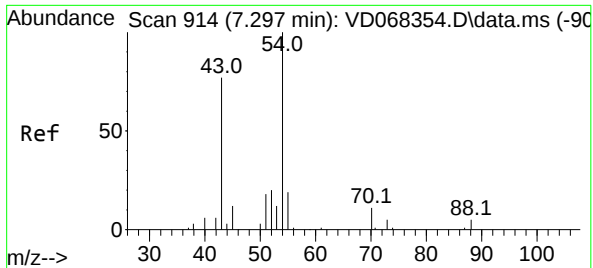
Ion Ratio Lower Upper

75 100

110 35.3 19.4 58.2

77 30.1 25.3 37.9

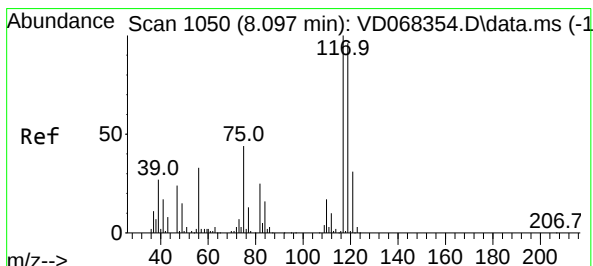
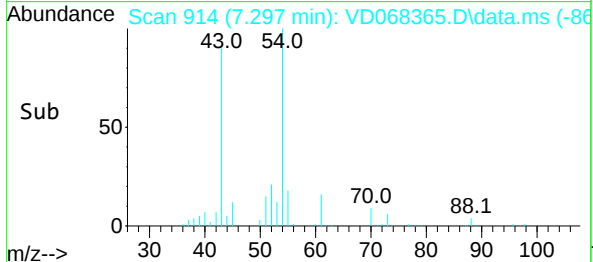
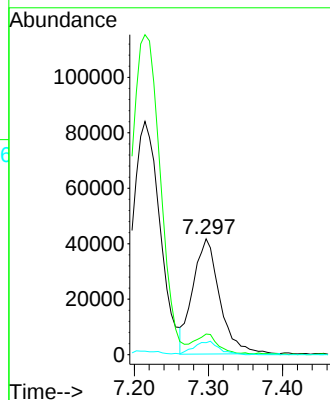
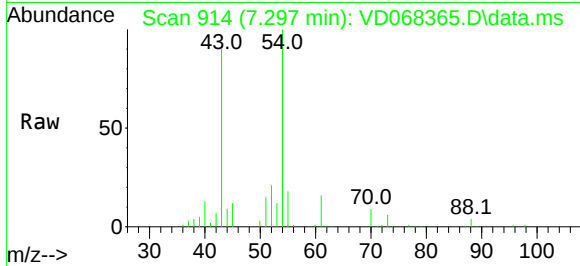




#37  
Ethyl Acetate  
Concen: 53.75 ug/l  
RT: 7.297 min Scan# 914  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

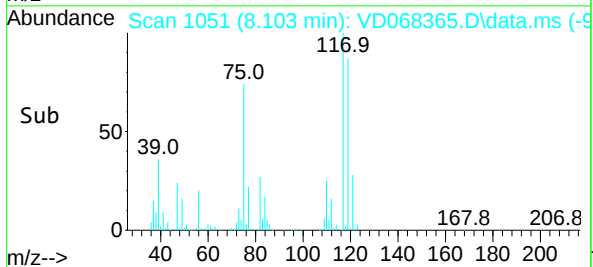
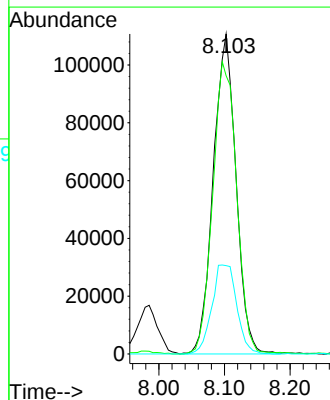
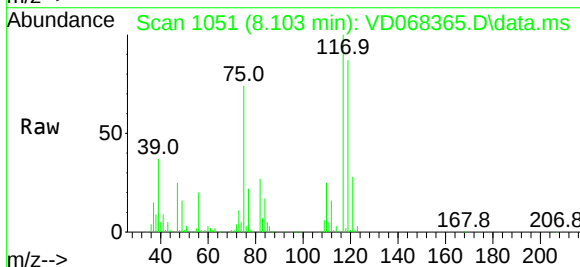
Instrument :  
MSVOA\_D  
ClientSampled :

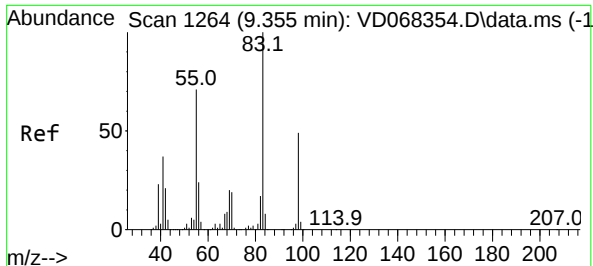
Tgt Ion: 43 Resp: 104611  
Ion Ratio Lower Upper  
43 100  
61 14.6 12.9 19.3  
70 11.0 11.0 16.6#



#38  
Carbon Tetrachloride  
Concen: 48.46 ug/l  
RT: 8.103 min Scan# 1051  
Delta R.T. 0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 117 Resp: 266225  
Ion Ratio Lower Upper  
117 100  
119 87.0 77.3 115.9  
121 27.6 24.7 37.1





#39

Methylcyclohexane

Concen: 46.91 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

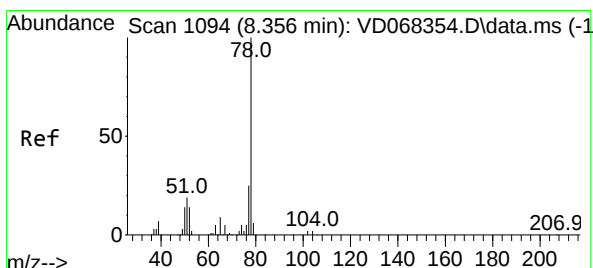
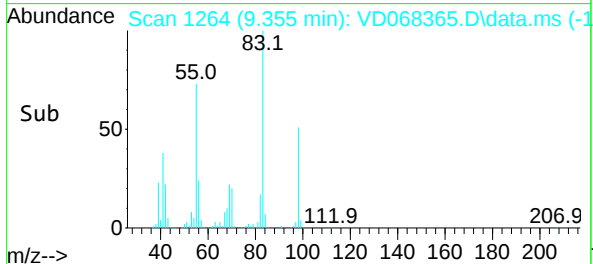
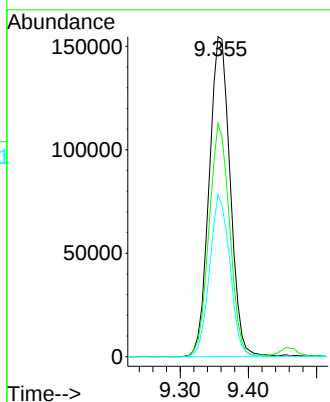
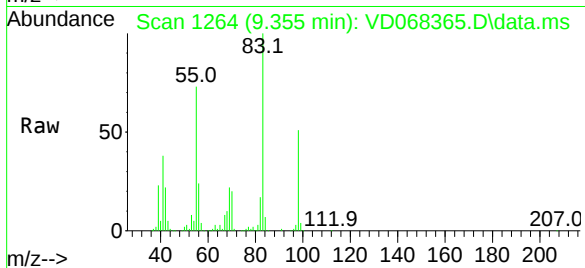
Lab File: VD068365.D

Acq: 15 Feb 2021 16:05

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 83 Resp: 331394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 72.9  | 55.2  | 82.8  |
| 98  | 50.6  | 39.1  | 58.7  |



#40

Benzene

Concen: 49.66 ug/l

RT: 8.355 min Scan# 1094

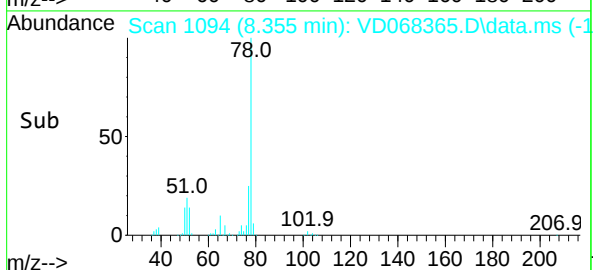
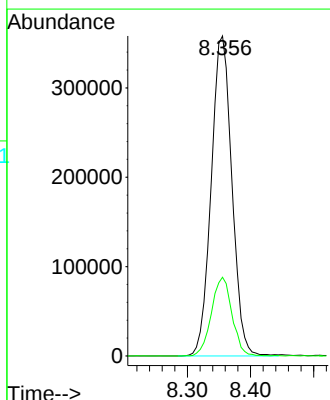
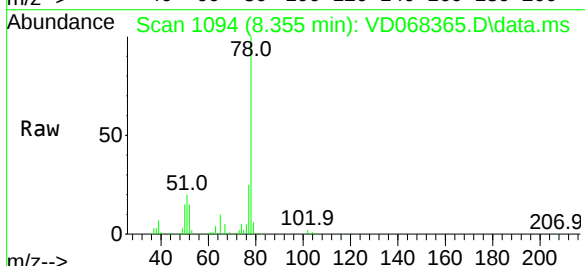
Delta R.T. -0.000 min

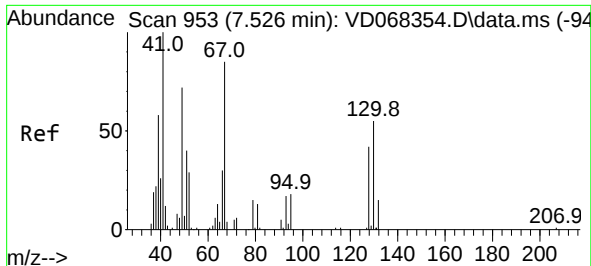
Lab File: VD068365.D

Acq: 15 Feb 2021 16:05

Tgt Ion: 78 Resp: 815819

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.6  | 17.8  | 26.6  |

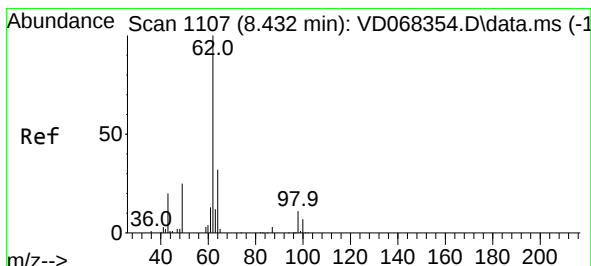
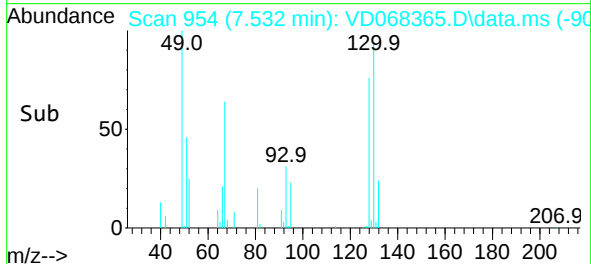
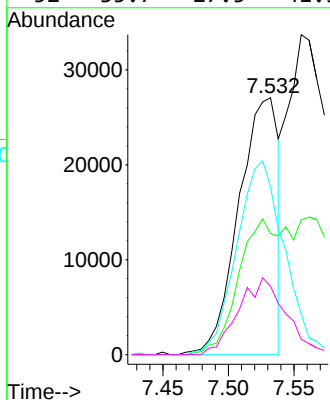
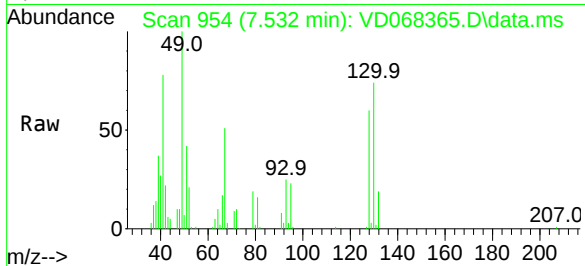




#41  
Methacrylonitrile  
Concen: 50.84 ug/l  
RT: 7.532 min Scan# 954  
Delta R.T. 0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

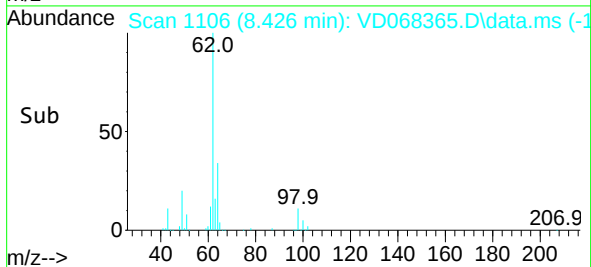
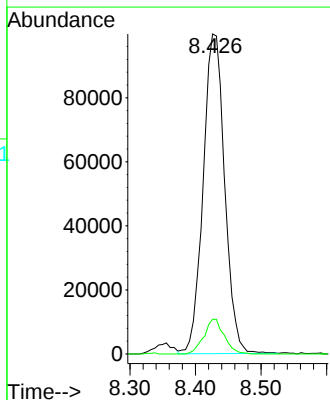
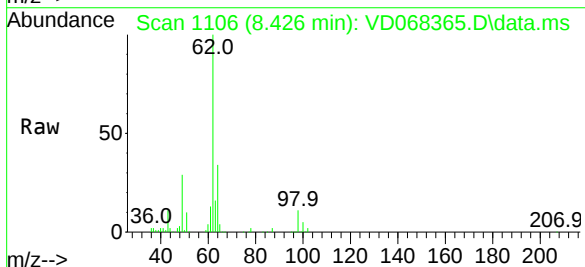
Instrument :  
MSVOA\_D  
ClientSampled :

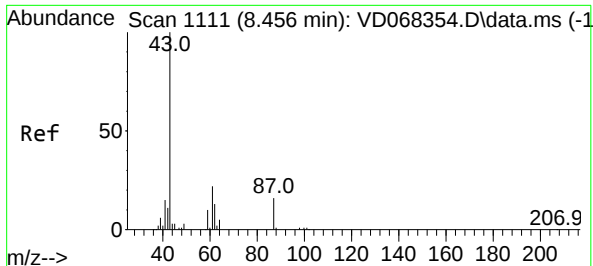
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 56951 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 52.2  | 45.2  | 67.8  |
| 67        | 91.6  | 67.4  | 101.2 |
| 52        | 35.7  | 27.5  | 41.3  |



#42  
1,2-Dichloroethane  
Concen: 51.99 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

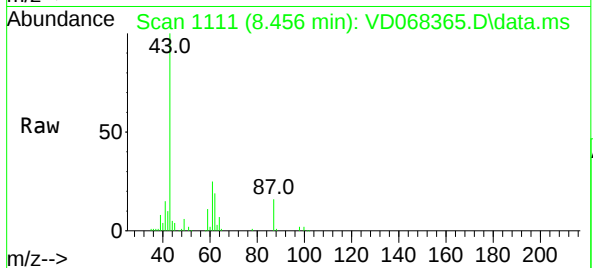
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 227813 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 10.2  | 0.0   | 21.8   |



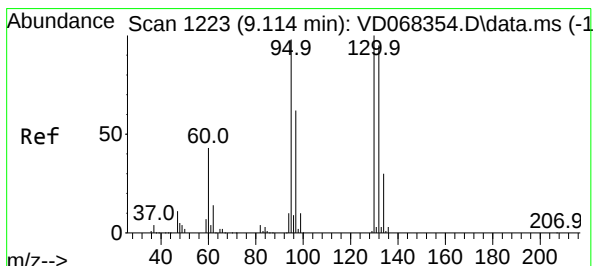
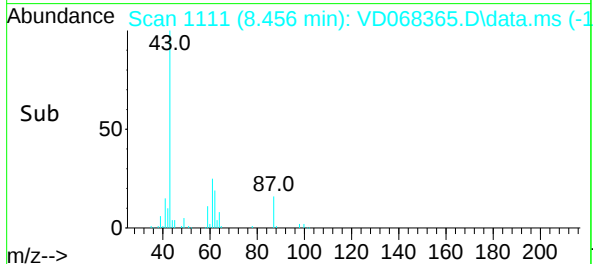
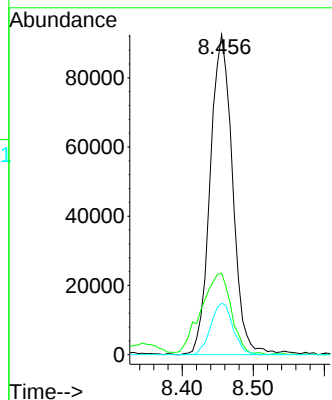


#43  
Isopropyl Acetate  
Concen: 54.10 ug/l  
RT: 8.456 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Instrument :  
MSVOA\_D  
ClientSampleId :

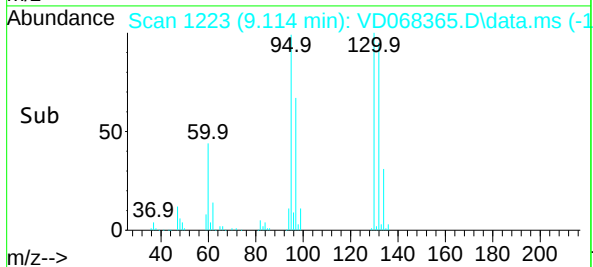
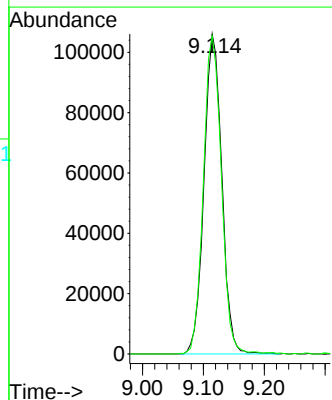
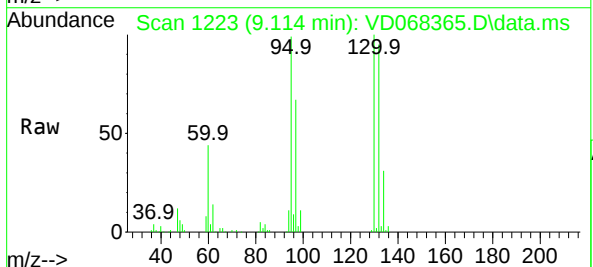


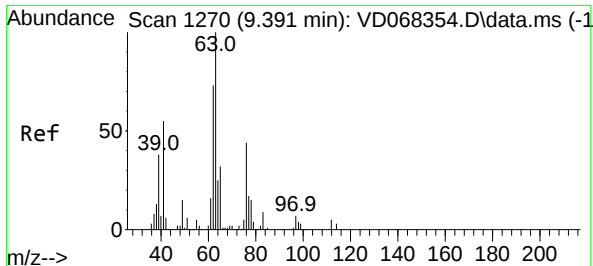
Tgt Ion: 43 Resp: 201606  
Ion Ratio Lower Upper  
43 100  
61 34.7 28.7 43.1  
87 16.0 13.9 20.9



#44  
Trichloroethene  
Concen: 48.24 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion:130 Resp: 215661  
Ion Ratio Lower Upper  
130 100  
95 99.1 0.0 191.2



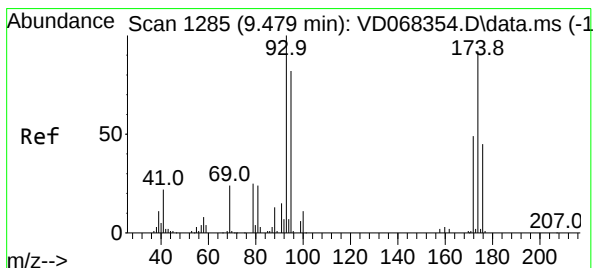
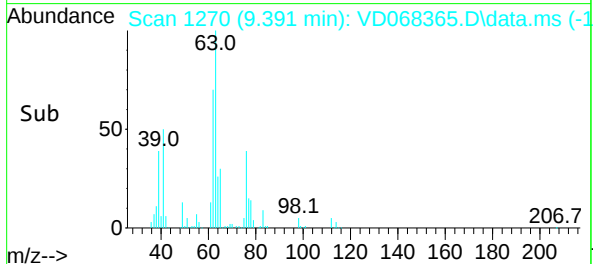
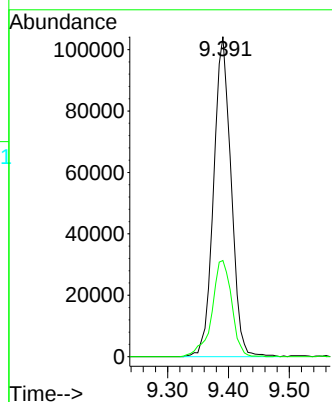
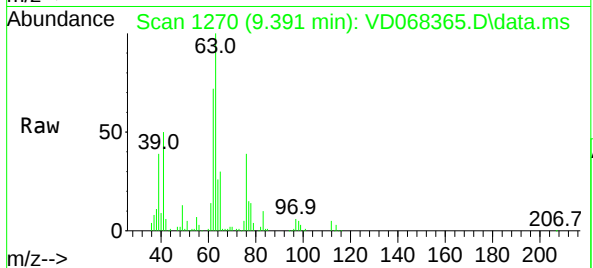


#45

1,2-Dichloropropane  
Concen: 51.87 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Instrument :  
MSVOA\_D  
ClientSampled :

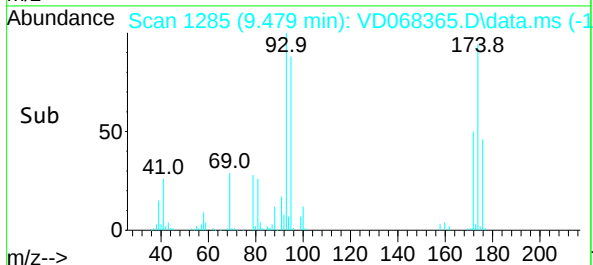
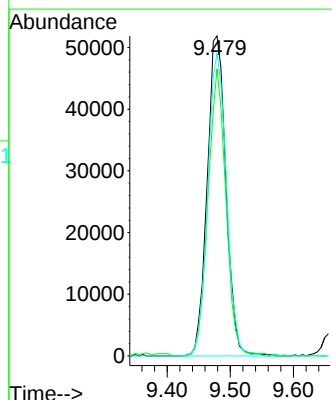
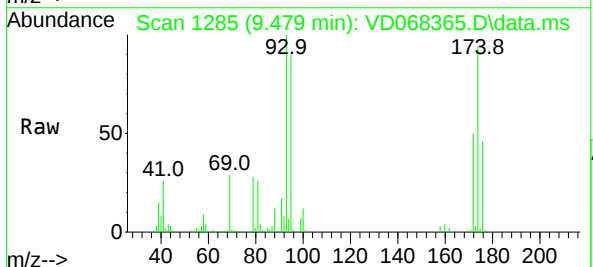
Tgt Ion: 63 Resp: 207929  
Ion Ratio Lower Upper  
63 100  
65 30.0 26.6 40.0

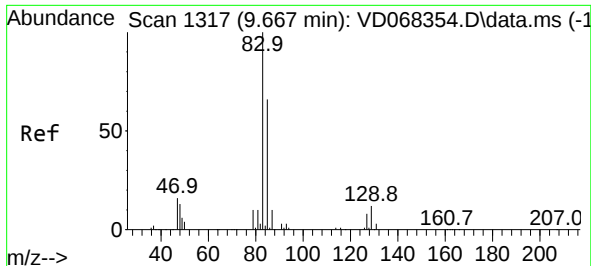


#46

Dibromomethane  
Concen: 49.46 ug/l  
RT: 9.479 min Scan# 1285  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

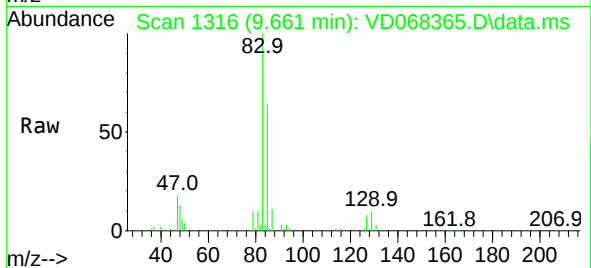
Tgt Ion: 93 Resp: 107539  
Ion Ratio Lower Upper  
93 100  
95 85.4 67.3 100.9  
174 93.3 84.6 127.0



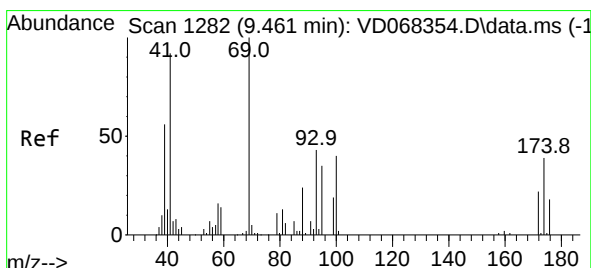
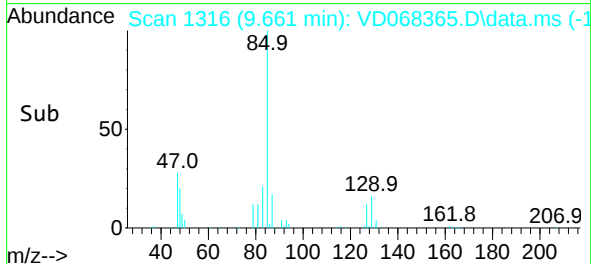
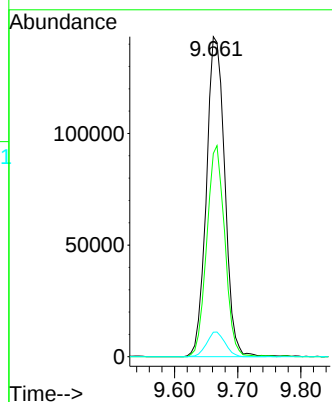


#47  
Bromodichloromethane  
Concen: 51.50 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Instrument :  
MSVOA\_D  
ClientSampleId :

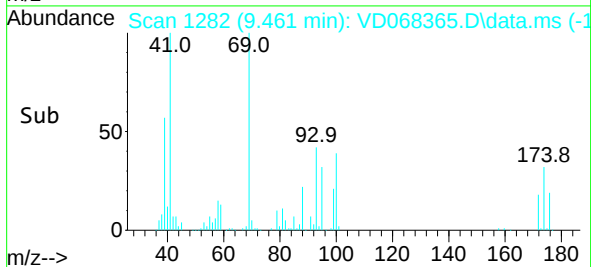
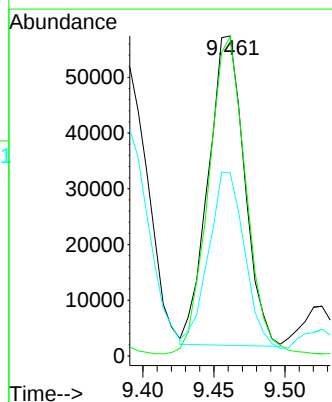
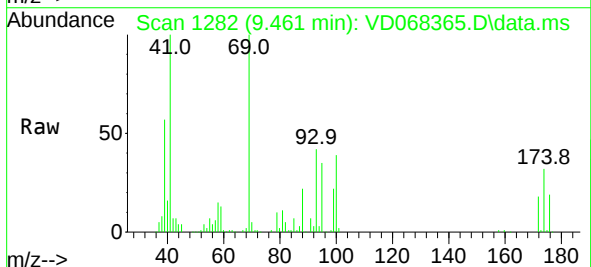


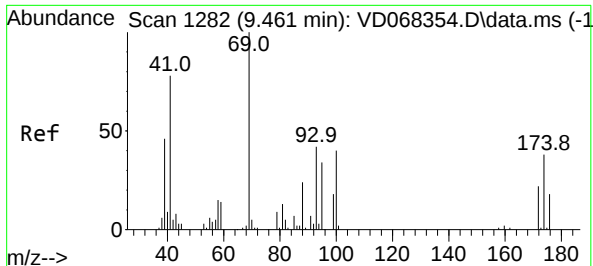
Tgt Ion: 83 Resp: 290375  
Ion Ratio Lower Upper  
83 100  
85 63.5 51.6 77.4  
127 7.7 7.4 11.0



#48  
Methyl methacrylate  
Concen: 52.90 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 41 Resp: 98380  
Ion Ratio Lower Upper  
41 100  
69 105.7 77.1 115.7  
39 56.9 41.5 62.3





#49

1,4-Dioxane

Concen: 1001.15 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VD068365.D

Acq: 15 Feb 2021 16:05

Tgt Ion: 88 Resp: 25434

Ion Ratio Lower Upper

88 100

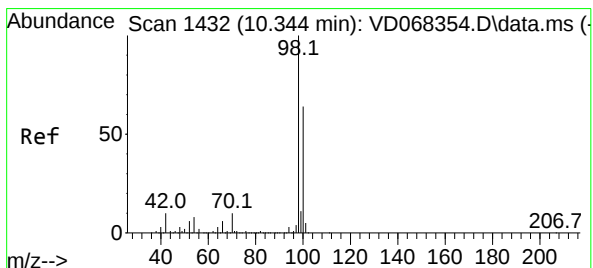
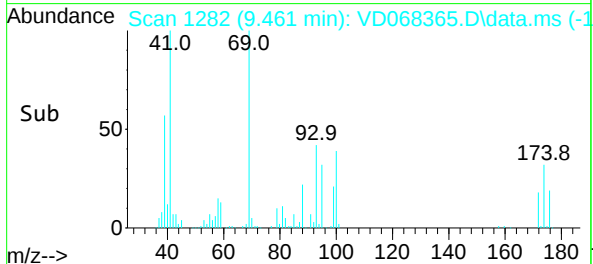
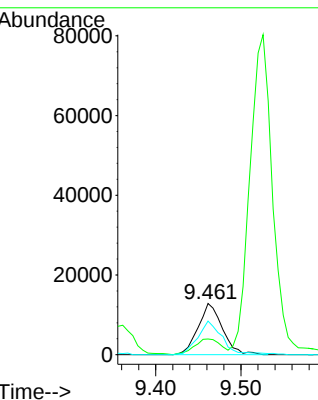
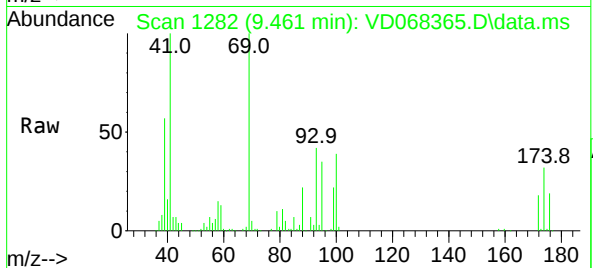
43 33.5 22.1 33.1#

58 66.9 46.7 70.1

Instrument :

MSVOA\_D

ClientSampled :



#50

Toluene-d8

Concen: 54.15 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. -0.000 min

Lab File: VD068365.D

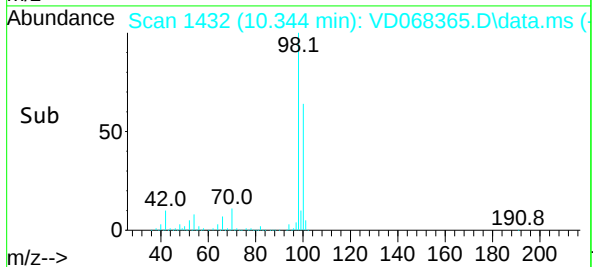
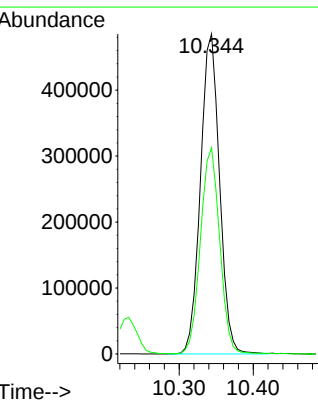
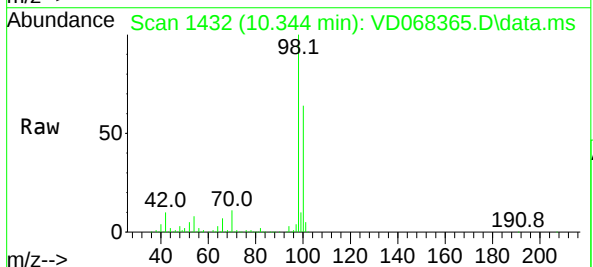
Acq: 15 Feb 2021 16:05

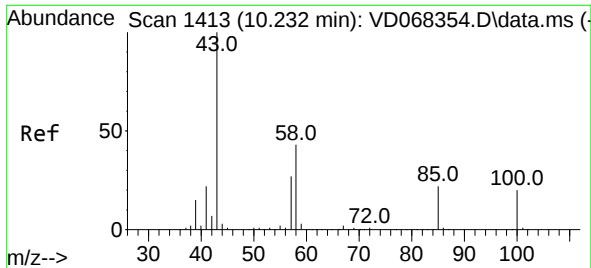
Tgt Ion: 98 Resp: 867279

Ion Ratio Lower Upper

98 100

100 64.9 53.0 79.4

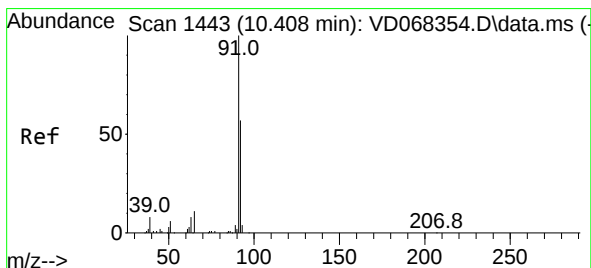
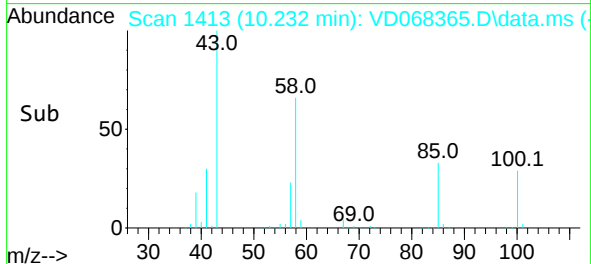
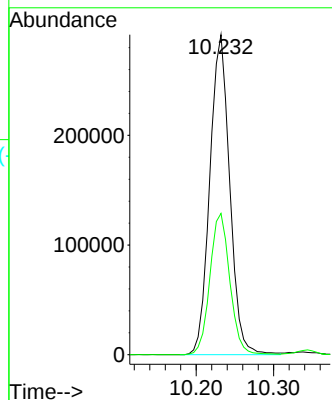
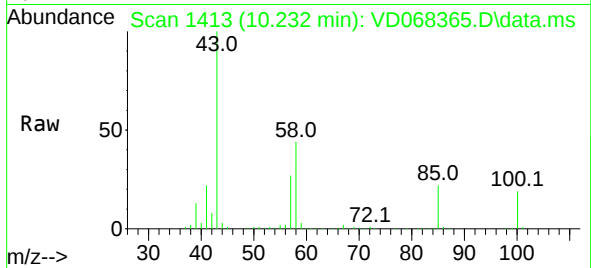




#51  
4-Methyl-2-Pentanone  
Concen: 271.99 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

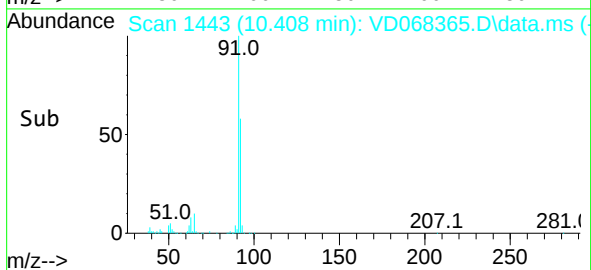
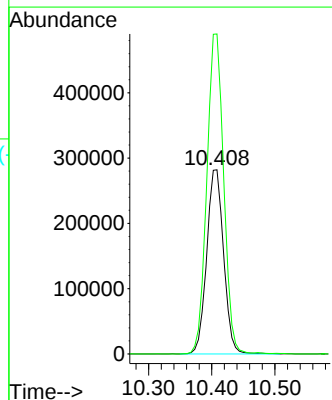
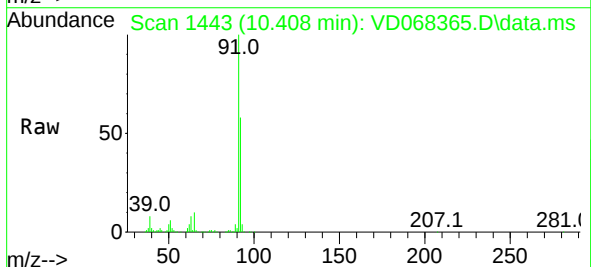
Instrument :  
MSVOA\_D  
ClientSampled :

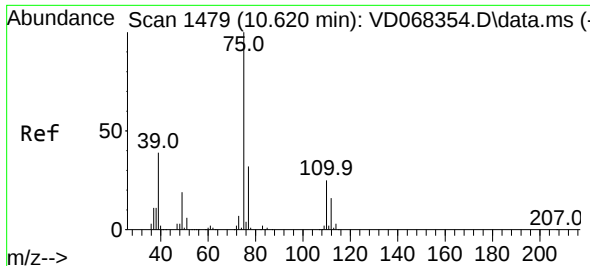
Tgt Ion: 43 Resp: 520575  
Ion Ratio Lower Upper  
43 100  
58 44.3 36.1 54.1



#52  
Toluene  
Concen: 49.62 ug/l  
RT: 10.408 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 92 Resp: 524104  
Ion Ratio Lower Upper  
92 100  
91 173.2 134.1 201.1

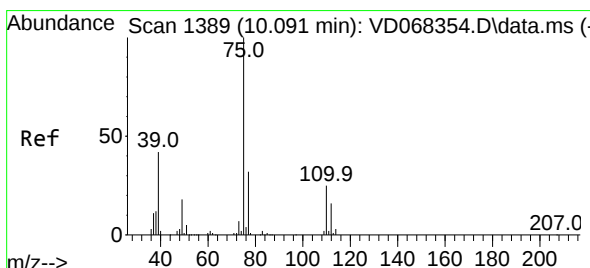
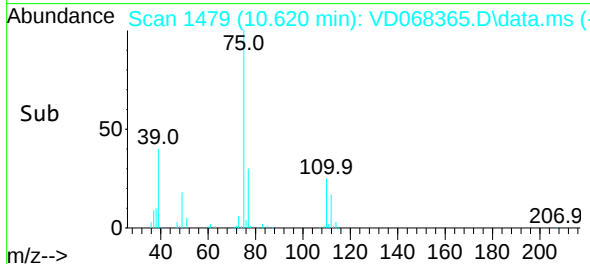
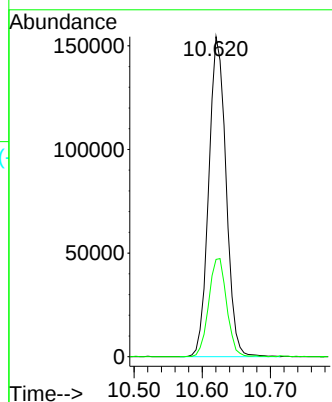
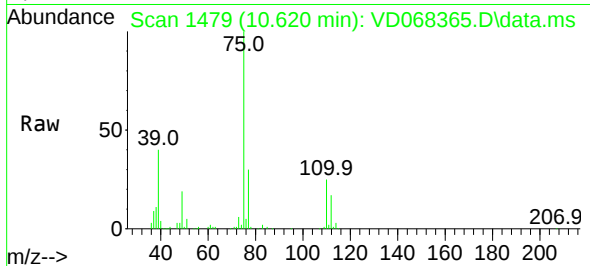




#53  
t-1,3-Dichloropropene  
Concen: 52.29 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

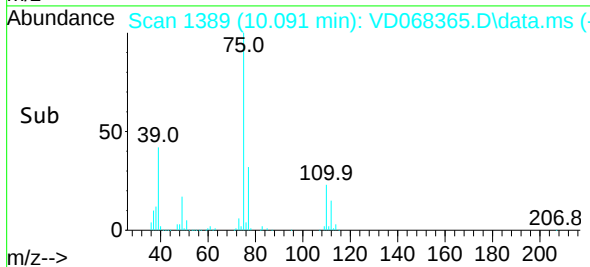
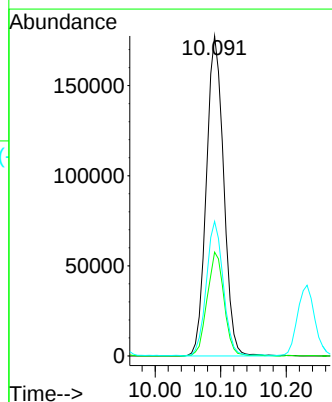
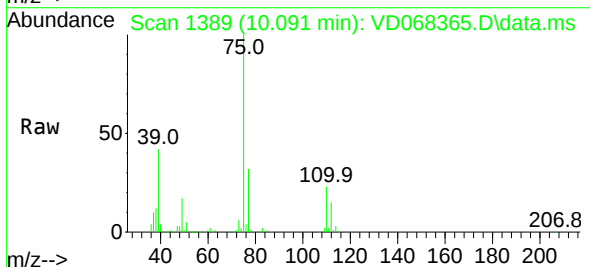
Instrument :  
MSVOA\_D  
ClientSampled :

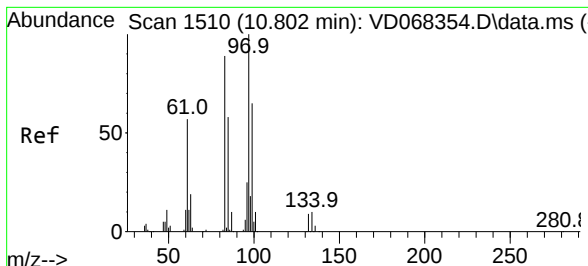
Tgt Ion: 75 Resp: 272833  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 51.16 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 75 Resp: 326125  
Ion Ratio Lower Upper  
75 100  
77 32.5 24.6 37.0  
39 41.9 31.4 47.0

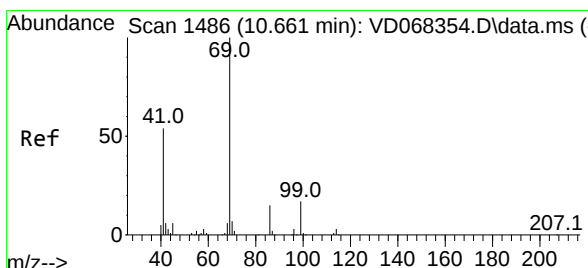
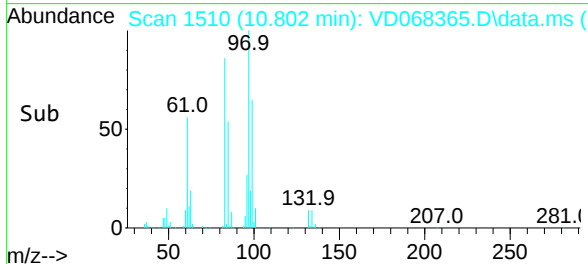
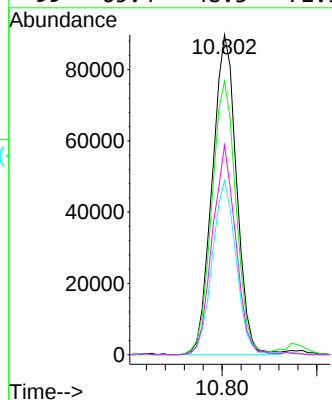
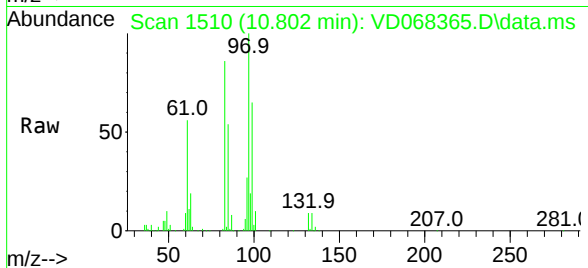




#55  
1,1,2-Trichloroethane  
Concen: 53.19 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

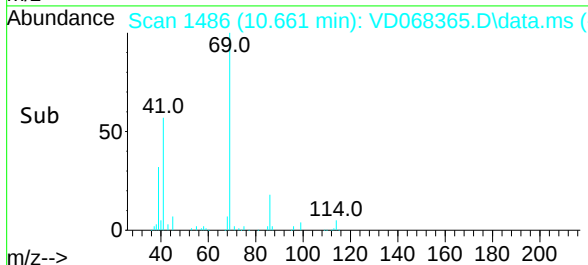
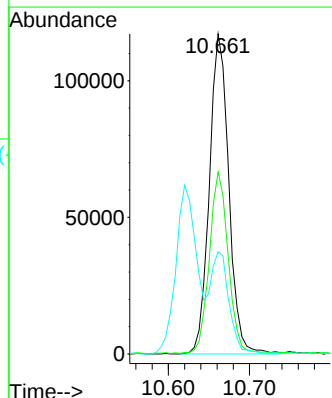
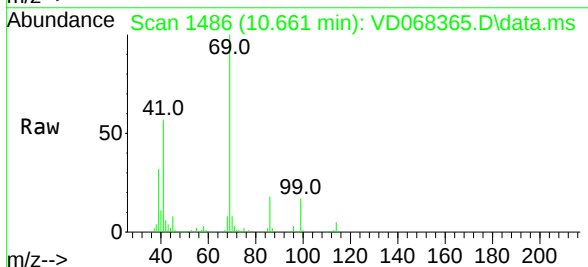
Instrument :  
MSVOA\_D  
ClientSampleId :

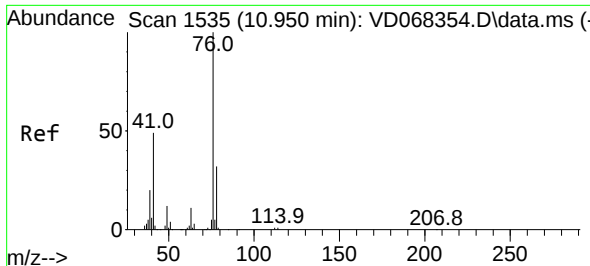
|             |              |
|-------------|--------------|
| Tgt Ion: 97 | Resp: 159781 |
| Ion Ratio   | Lower Upper  |
| 97 100      |              |
| 83 85.5     | 61.8 92.6    |
| 85 54.5     | 42.2 63.2    |
| 99 65.4     | 48.3 72.5    |



#56  
Ethyl methacrylate  
Concen: 54.65 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 194771 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 55.3     | 44.9 67.3    |
| 39 30.8     | 21.9 32.9    |

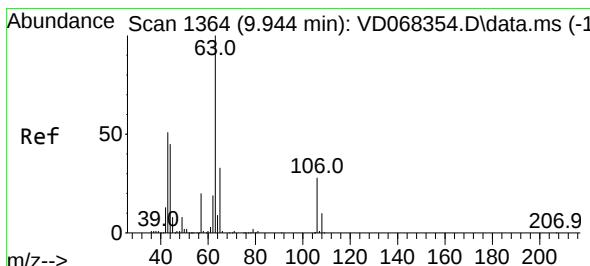
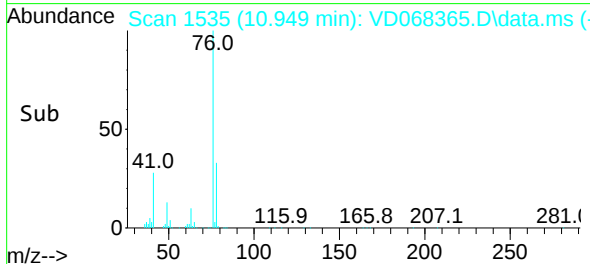
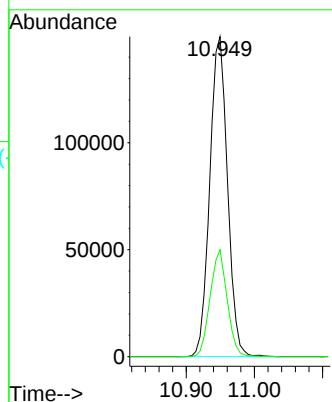
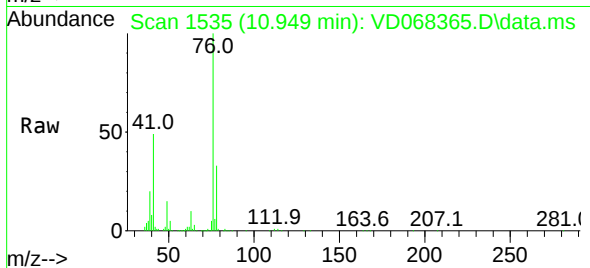




#57  
1,3-Dichloropropane  
Concen: 51.36 ug/l  
RT: 10.949 min Scan# 1535  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

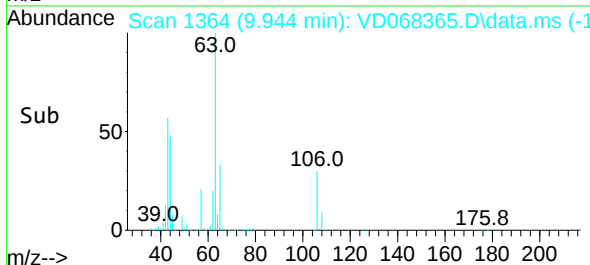
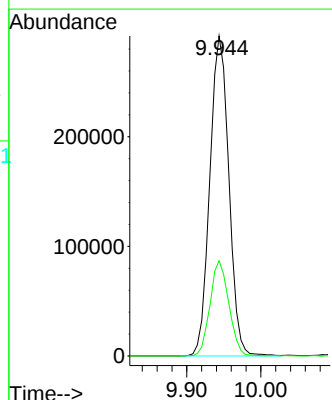
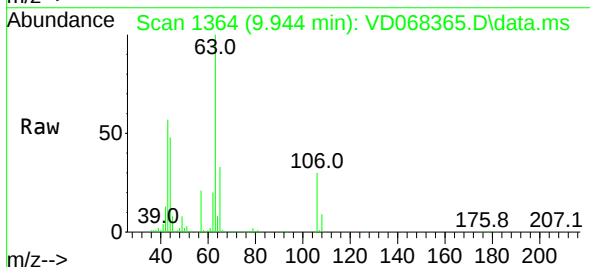
Instrument :  
MSVOA\_D  
ClientSampled :

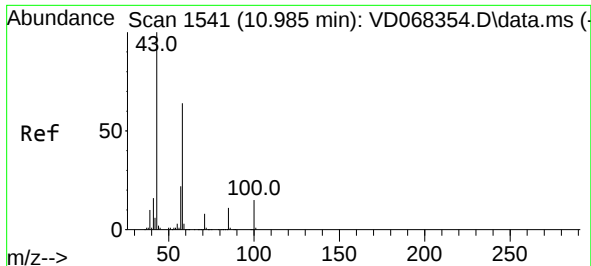
Tgt Ion: 76 Resp: 270743  
Ion Ratio Lower Upper  
76 100  
78 32.1 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 273.30 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 63 Resp: 521601  
Ion Ratio Lower Upper  
63 100  
106 29.3 27.0 40.4

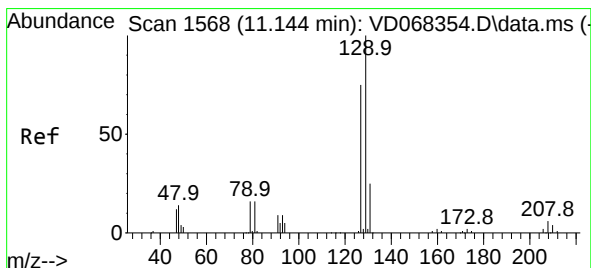
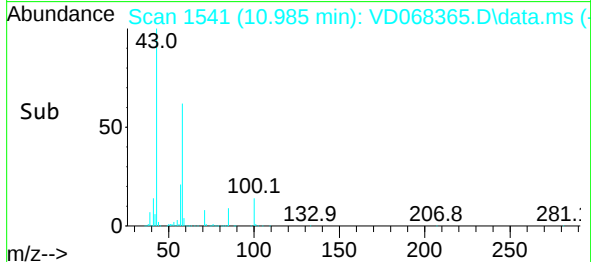
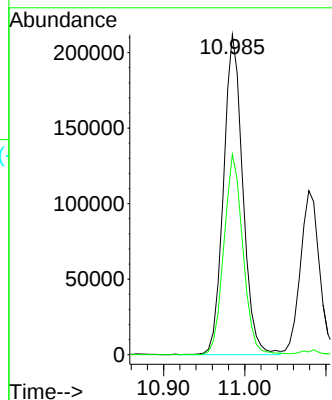
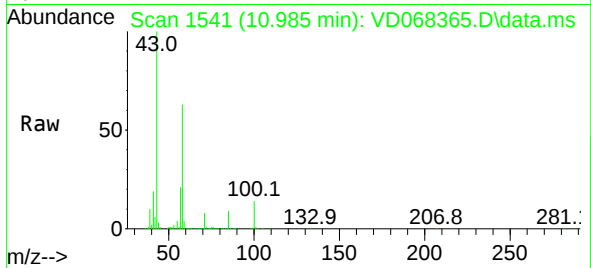




#59  
2-Hexanone  
Concen: 269.98 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

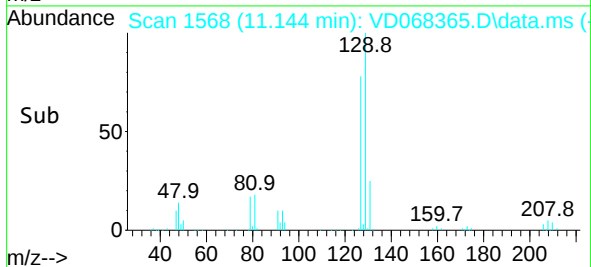
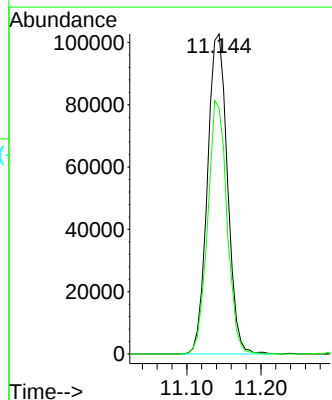
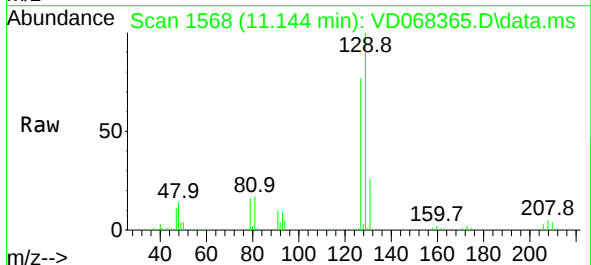
Instrument :  
MSVOA\_D  
ClientSampled :

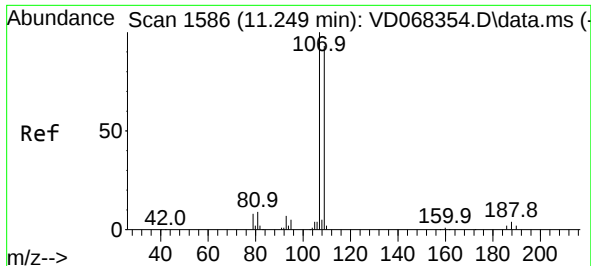
Tgt Ion: 43 Resp: 349295  
Ion Ratio Lower Upper  
43 100  
58 61.9 31.0 93.0



#60  
Dibromochloromethane  
Concen: 51.56 ug/l  
RT: 11.144 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion:129 Resp: 192203  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.6 116.0

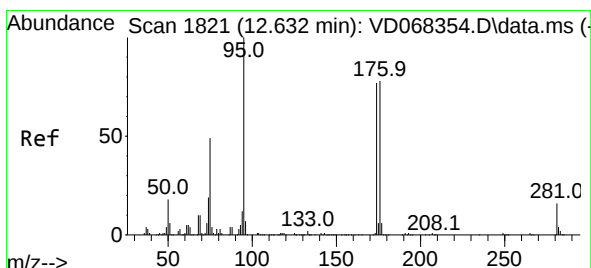
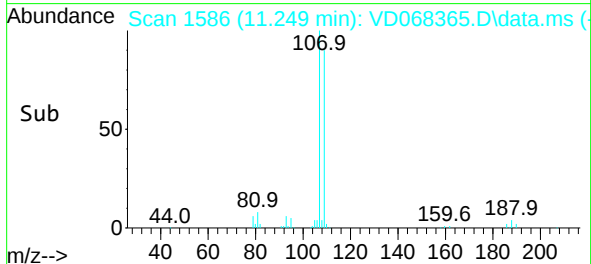
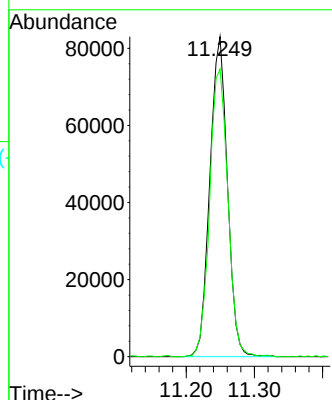
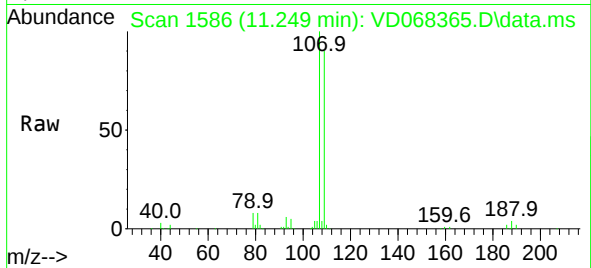




#61  
1,2-Dibromoethane  
Concen: 51.29 ug/l  
RT: 11.249 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

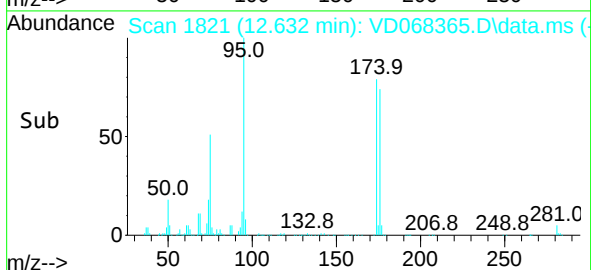
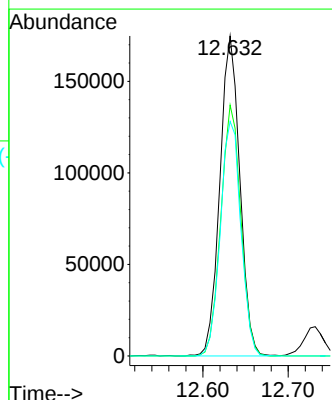
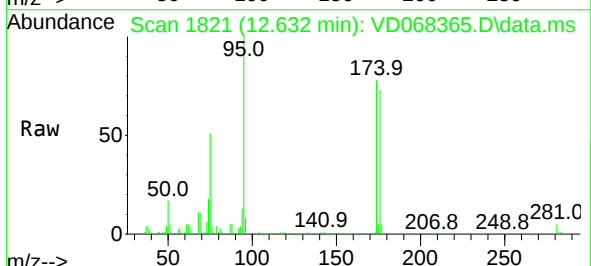
Instrument :  
MSVOA\_D  
ClientSampled :

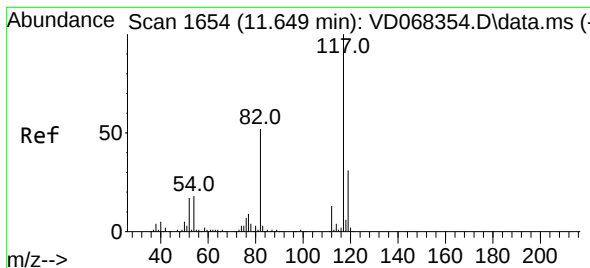
Tgt Ion:107 Resp: 148892  
Ion Ratio Lower Upper  
107 100  
109 93.5 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 54.68 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

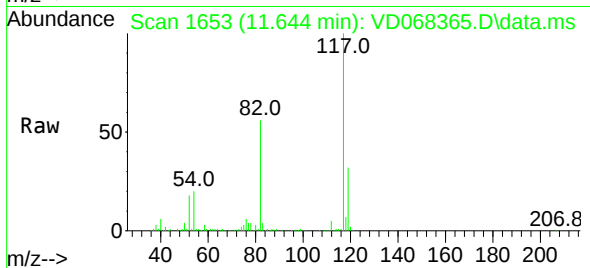
Tgt Ion: 95 Resp: 285253  
Ion Ratio Lower Upper  
95 100  
174 78.3 0.0 172.4  
176 75.1 0.0 168.4



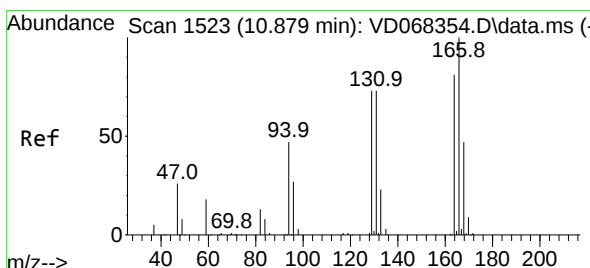
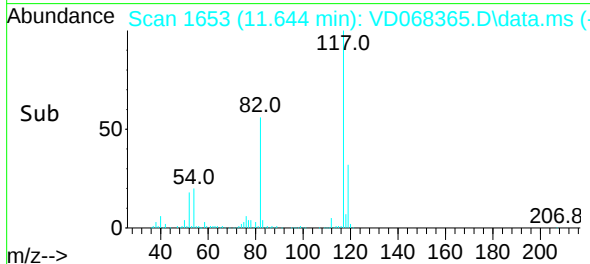
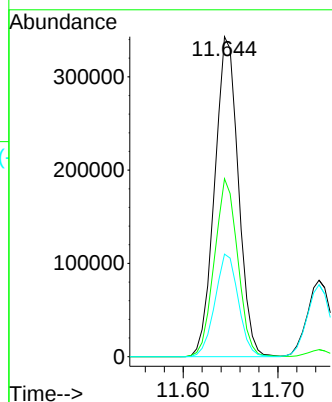


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Instrument :  
MSVOA\_D  
ClientSampleId :

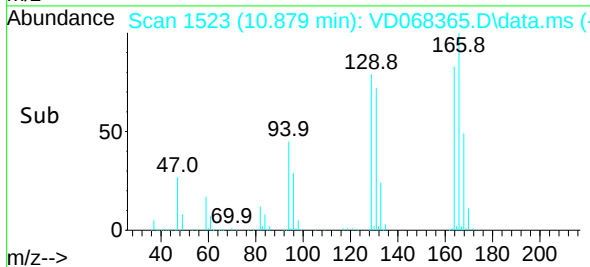
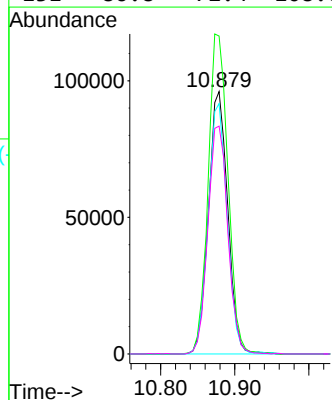
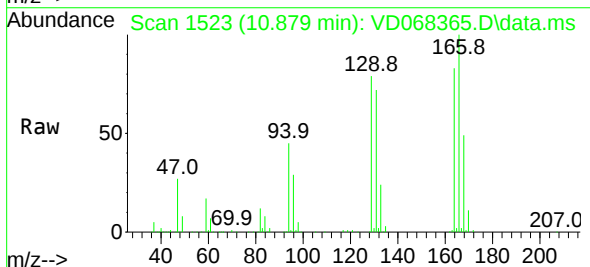


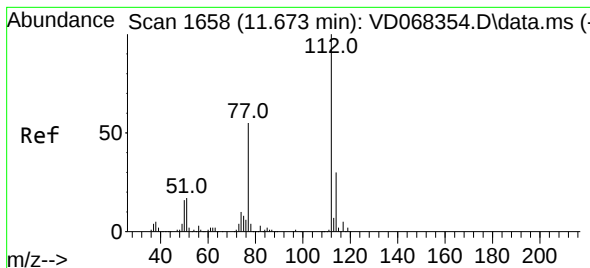
Tgt Ion:117 Resp: 596154  
Ion Ratio Lower Upper  
117 100  
82 55.6 41.4 62.0  
119 32.0 26.1 39.1



#64  
Tetrachloroethene  
Concen: 47.40 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion:164 Resp: 173885  
Ion Ratio Lower Upper  
164 100  
166 121.1 105.5 158.3  
129 95.4 75.6 113.4  
131 86.8 72.4 108.6

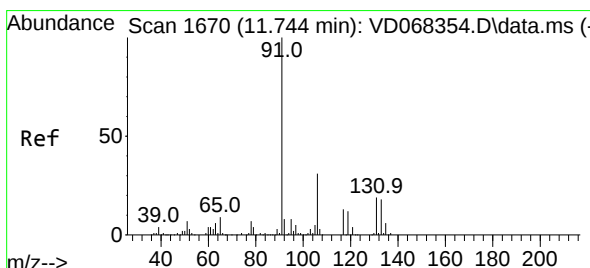
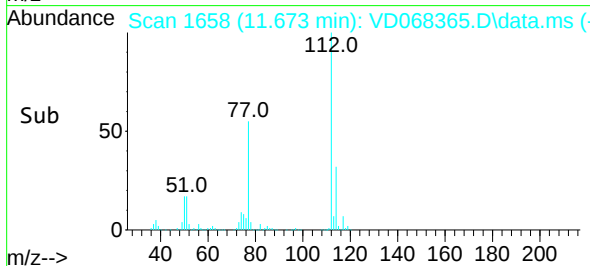
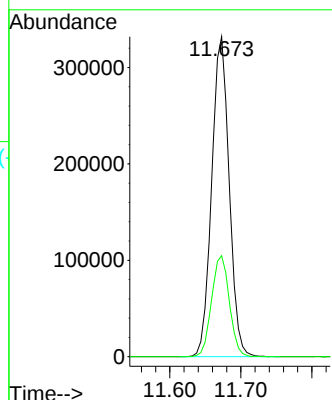
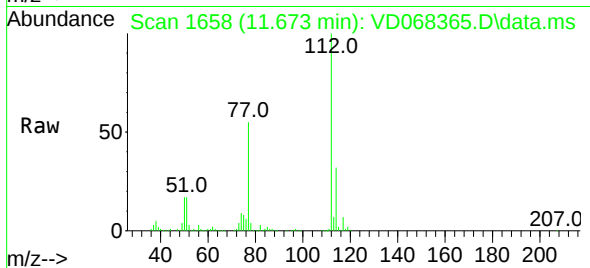




#65  
Chlorobenzene  
Concen: 49.34 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

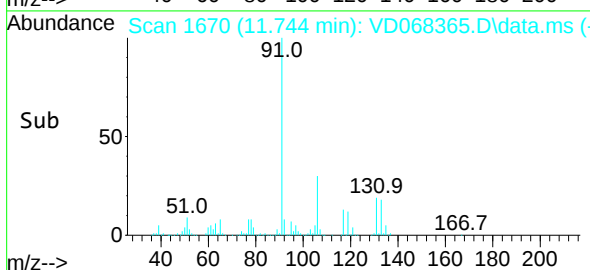
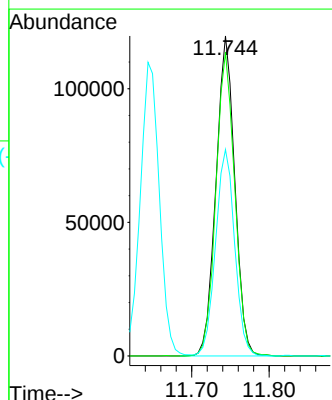
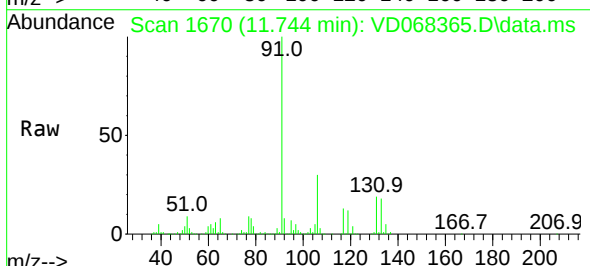
Instrument :  
MSVOA\_D  
ClientSampled :

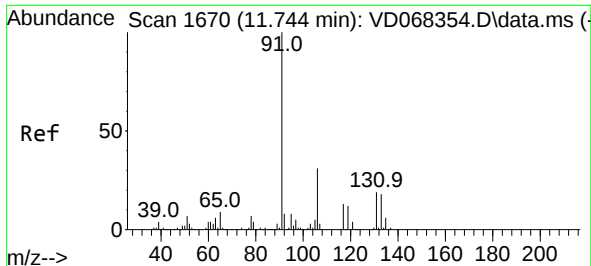
Tgt Ion:112 Resp: 565542  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.68 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion:131 Resp: 202710  
Ion Ratio Lower Upper  
131 100  
133 94.7 48.1 144.4  
119 65.4 31.6 94.8

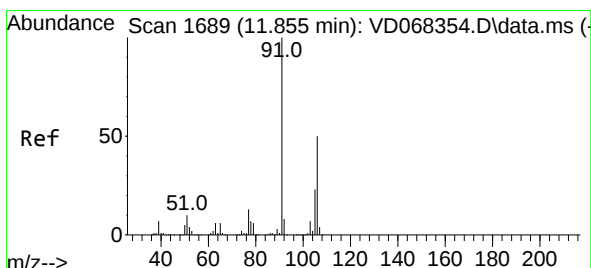
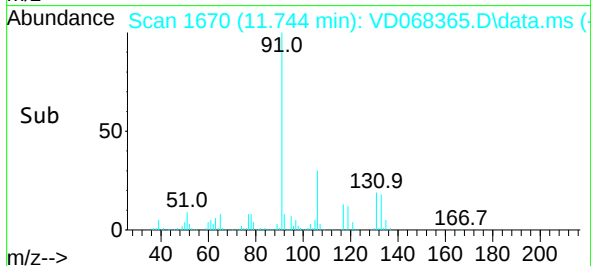
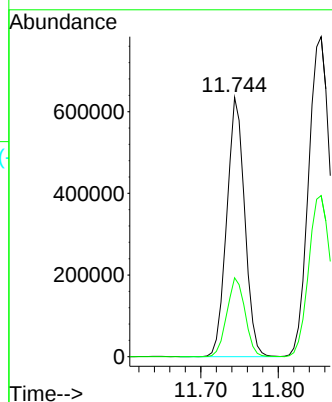
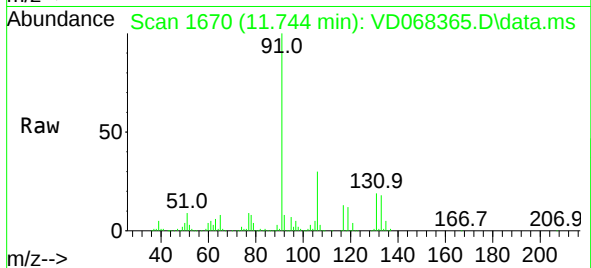




#67  
Ethyl Benzene  
Concen: 49.86 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

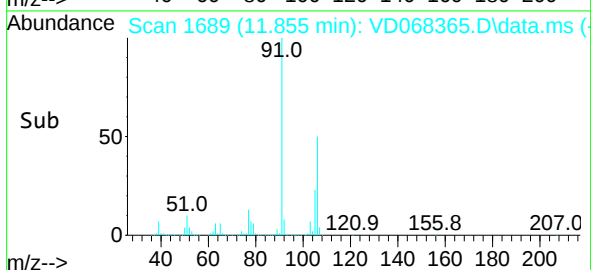
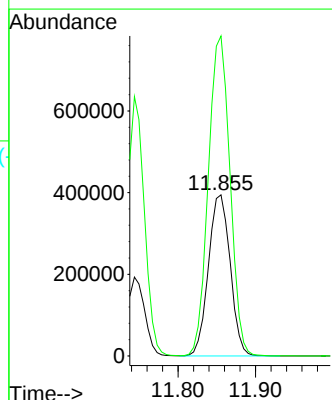
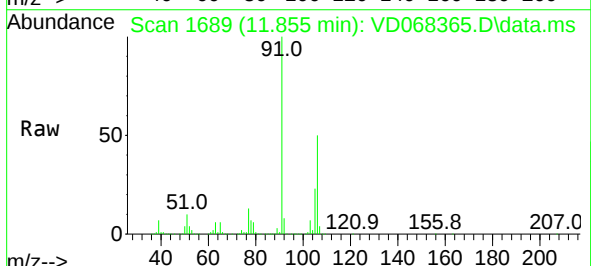
Instrument :  
MSVOA\_D  
ClientSampleId :

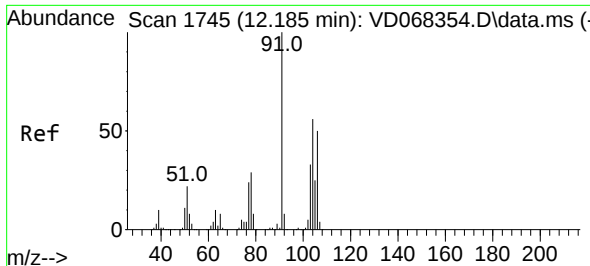
Tgt Ion: 91 Resp: 1024809  
Ion Ratio Lower Upper  
91 100  
106 30.4 25.9 38.9



#68  
m/p-Xylenes  
Concen: 99.03 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion:106 Resp: 769160  
Ion Ratio Lower Upper  
106 100  
91 197.8 159.1 238.7

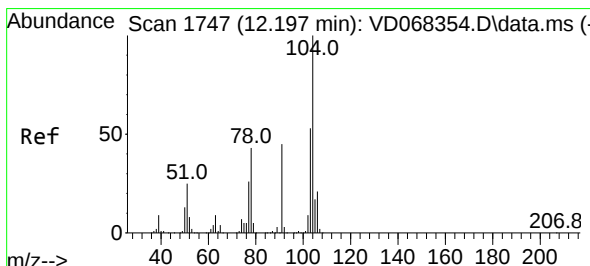
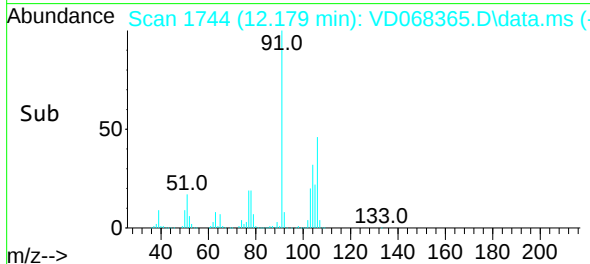
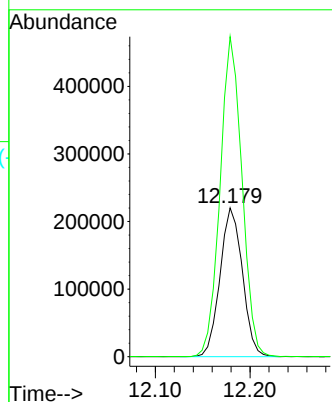
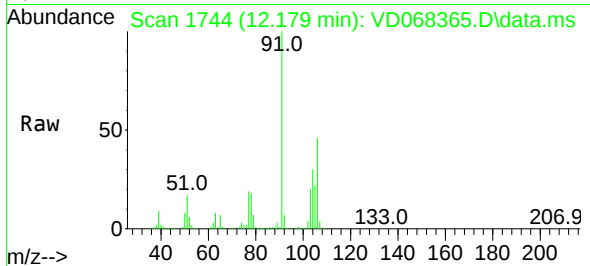




#69  
o-Xylene  
Concen: 50.75 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

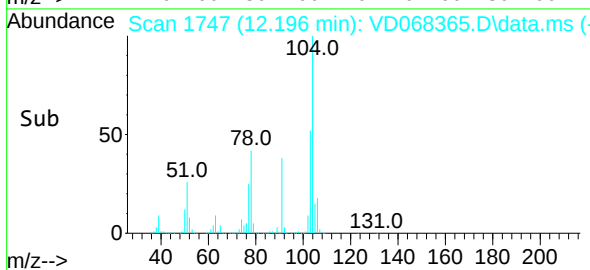
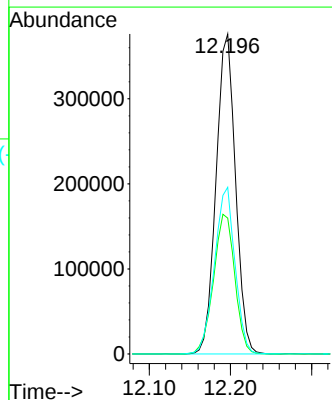
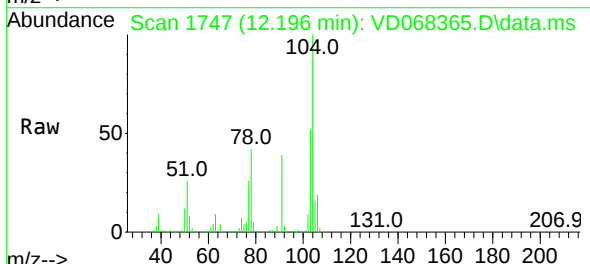
Instrument :  
MSVOA\_D  
ClientSampled :

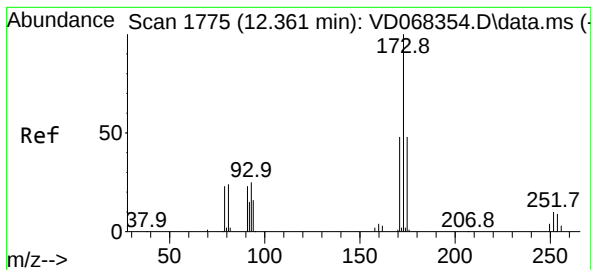
Tgt Ion:106 Resp: 361631  
Ion Ratio Lower Upper  
106 100  
91 210.8 108.7 325.9



#70  
Styrene  
Concen: 50.59 ug/l  
RT: 12.196 min Scan# 1747  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion:104 Resp: 627082  
Ion Ratio Lower Upper  
104 100  
78 47.8 38.2 57.2  
103 55.0 43.1 64.7

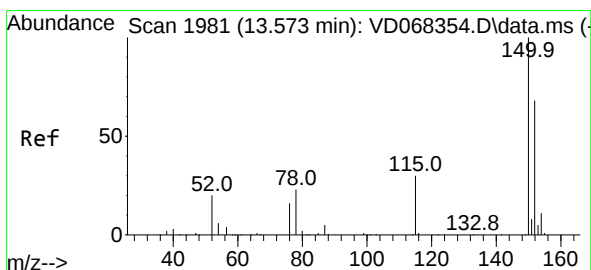
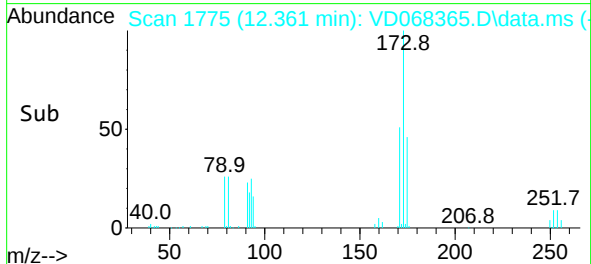
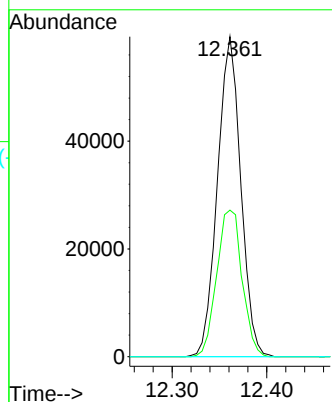
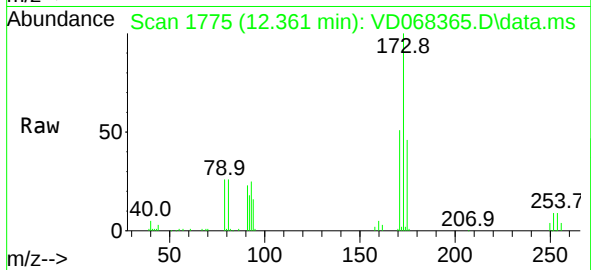




#71  
Bromoform  
Concen: 49.47 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

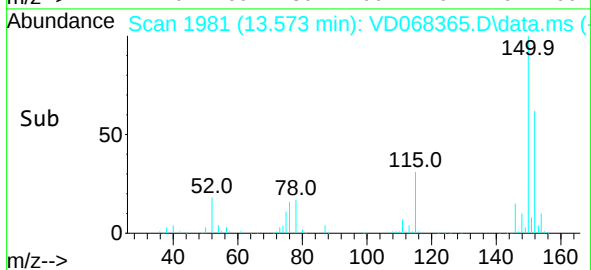
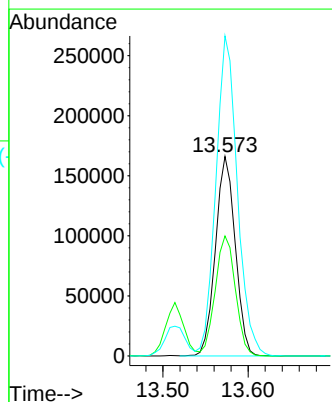
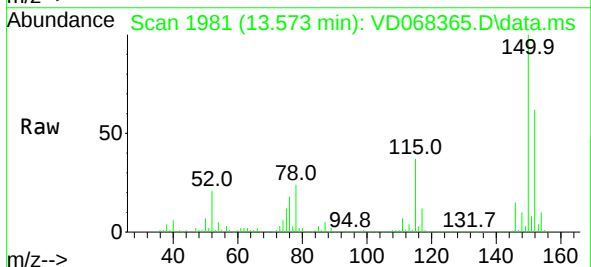
Instrument :  
MSVOA\_D  
ClientSampleId :

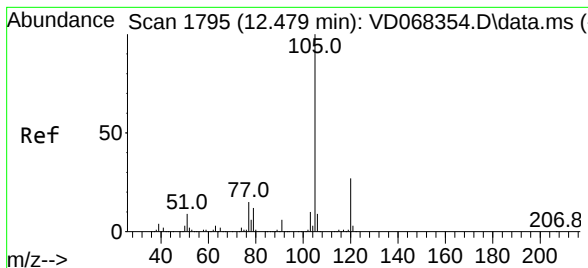
Tgt Ion:173 Resp: 101650  
Ion Ratio Lower Upper  
173 100  
175 49.8 24.6 73.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion:152 Resp: 269025  
Ion Ratio Lower Upper  
152 100  
115 61.1 28.9 86.8  
150 174.2 0.0 344.4

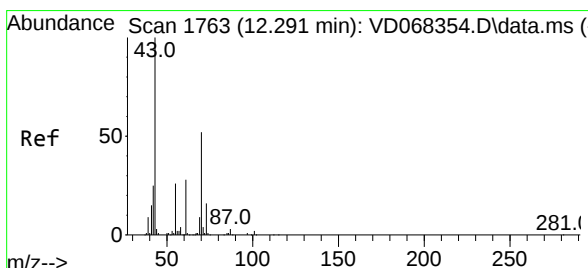
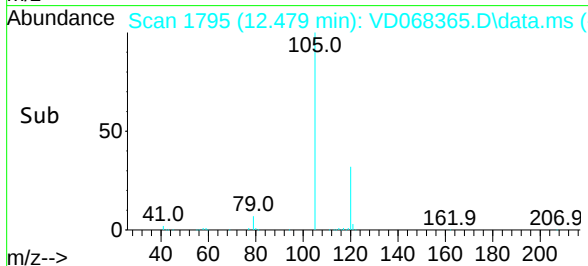
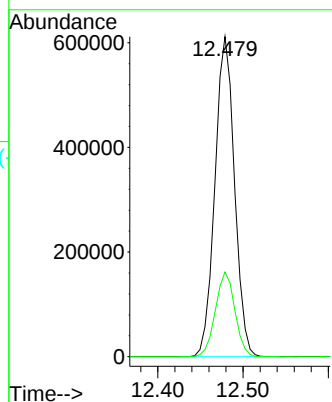
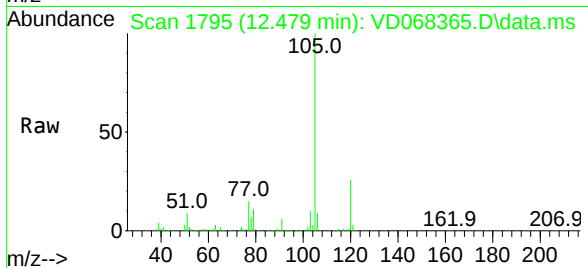




#73  
Isopropylbenzene  
Concen: 49.58 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

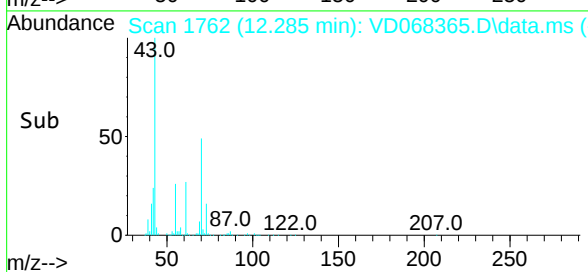
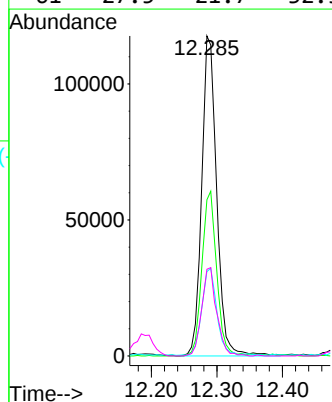
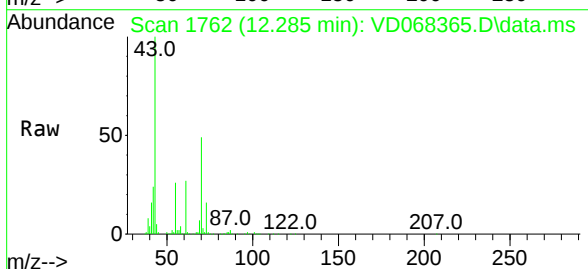
Instrument :  
MSVOA\_D  
ClientSampled :

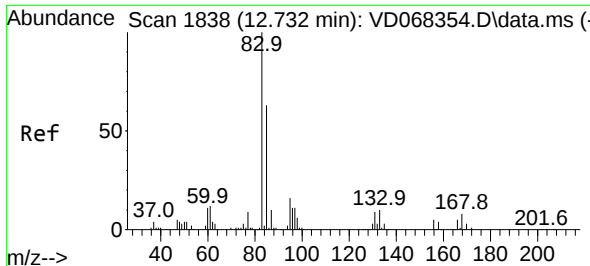
Tgt Ion:105 Resp: 974381  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.2 39.6



#74  
N-ethyl acetate  
Concen: 54.07 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 43 Resp: 187621  
Ion Ratio Lower Upper  
43 100  
70 50.5 41.8 62.8  
55 27.1 24.2 36.4  
61 27.5 21.7 32.5

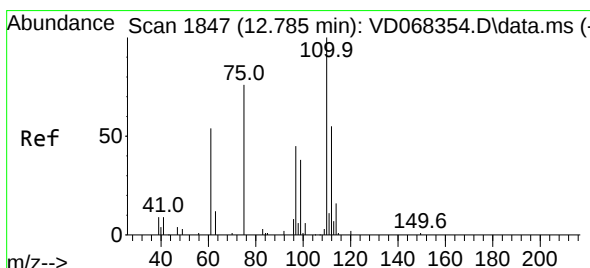
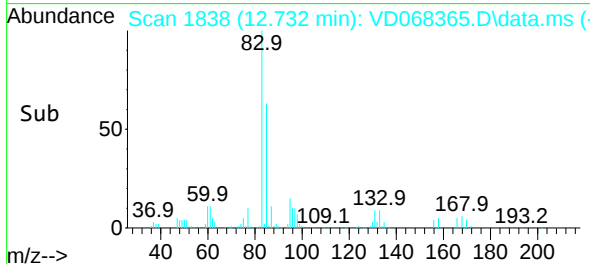
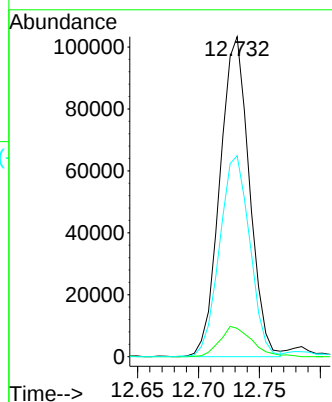
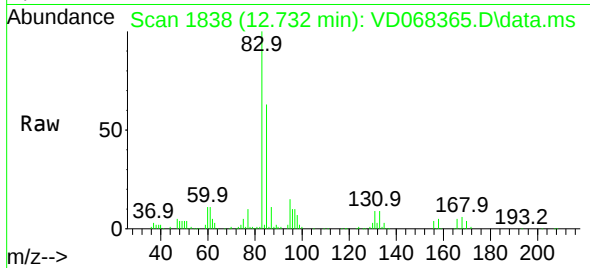




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.04 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

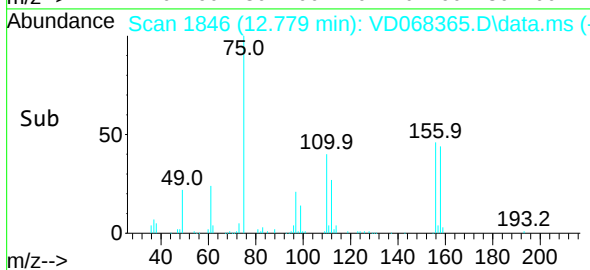
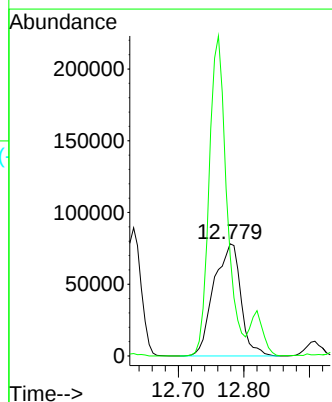
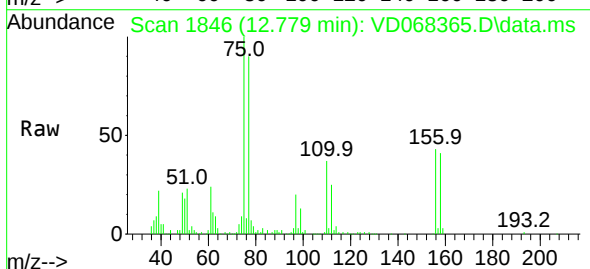
Instrument :  
MSVOA\_D  
ClientSampleId :

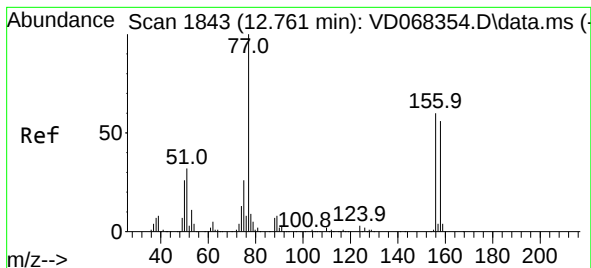
Tgt Ion: 83 Resp: 173828  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.8 17.4  
85 64.5 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 87.08 ug/l  
RT: 12.779 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 75 Resp: 222924  
Ion Ratio Lower Upper  
75 100  
77 187.2 0.0 0.0#





#77

Bromobenzene

Concen: 50.00 ug/l

RT: 12.761 min Scan# 1843

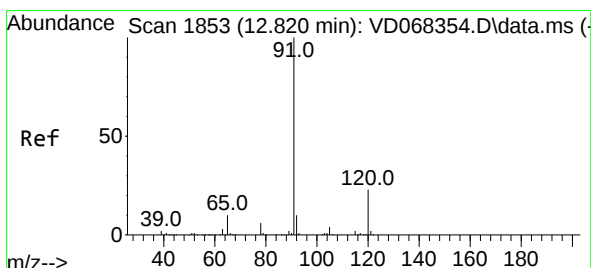
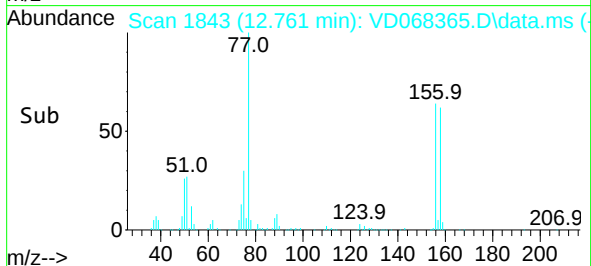
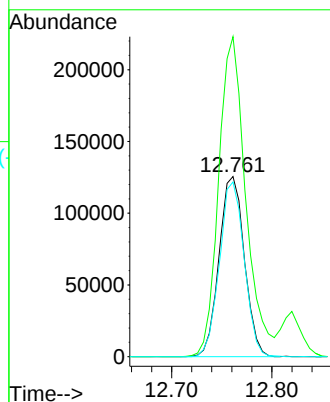
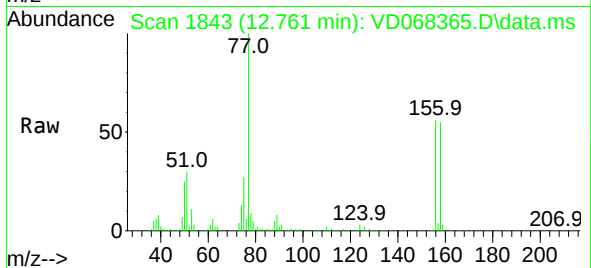
Delta R.T. -0.000 min

Lab File: VD068365.D

Acq: 15 Feb 2021 16:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 156   | Resp: | 219485 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 190.1 | 82.8  | 248.3  |
| 158       | 94.9  | 48.0  | 144.0  |

Instrument :  
MSVOA\_D  
ClientSampleId :



#78

n-propylbenzene

Concen: 49.51 ug/l

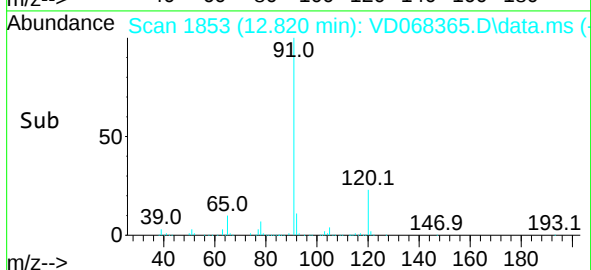
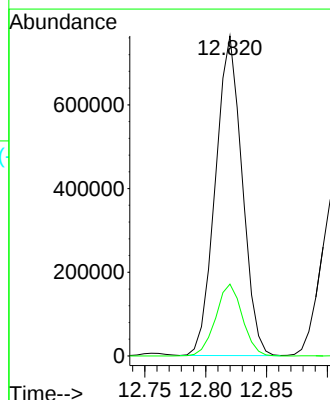
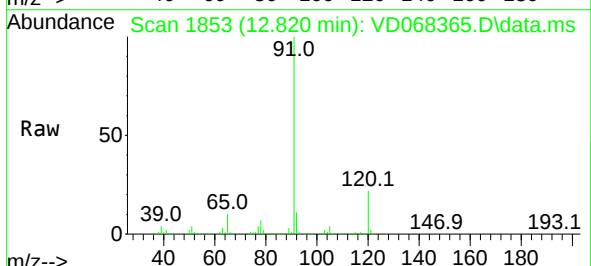
RT: 12.820 min Scan# 1853

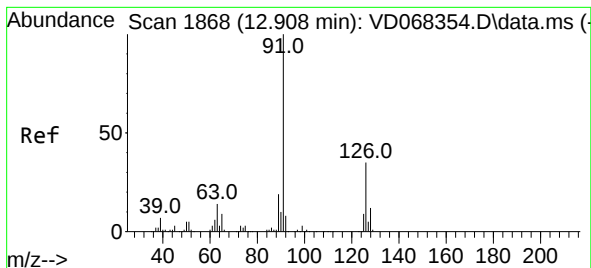
Delta R.T. -0.000 min

Lab File: VD068365.D

Acq: 15 Feb 2021 16:05

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1164598 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 22.5  | 12.0  | 36.0    |

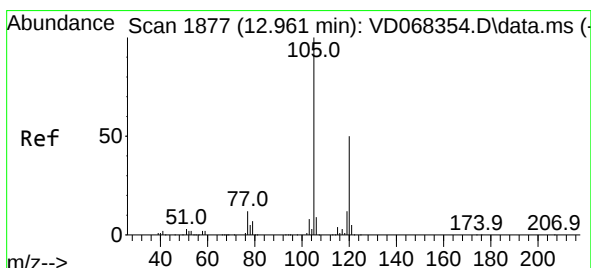
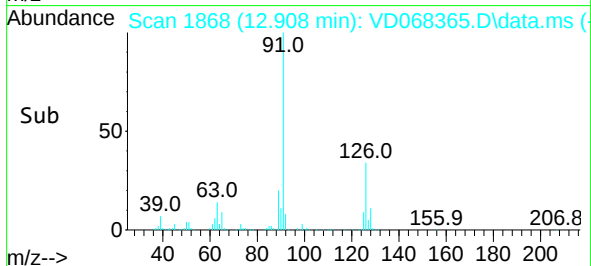
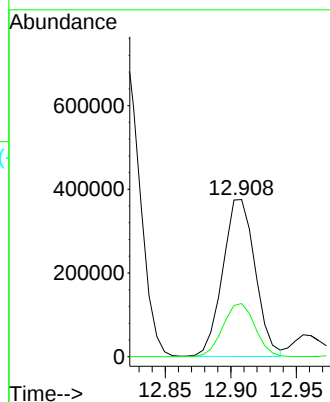
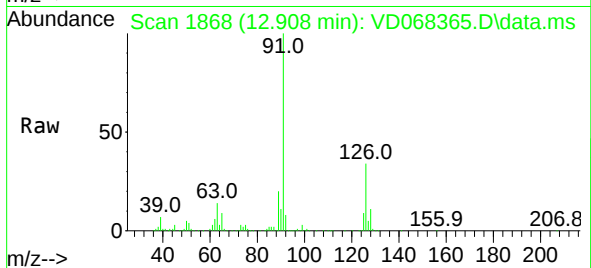




#79  
2-Chlorotoluene  
Concen: 49.60 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

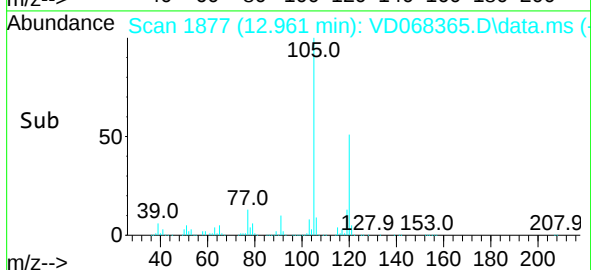
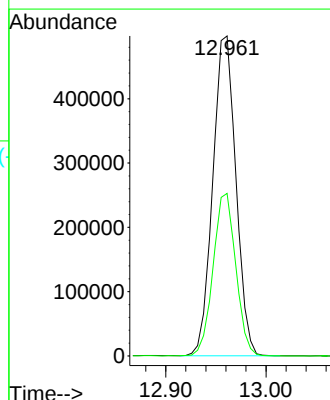
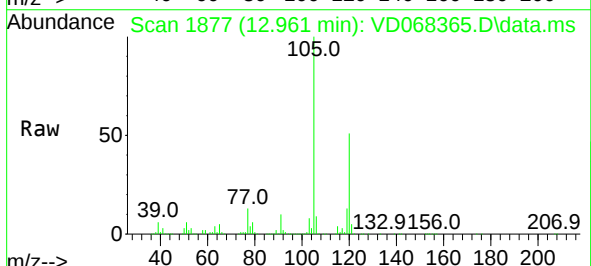
Instrument :  
MSVOA\_D  
ClientSampled :

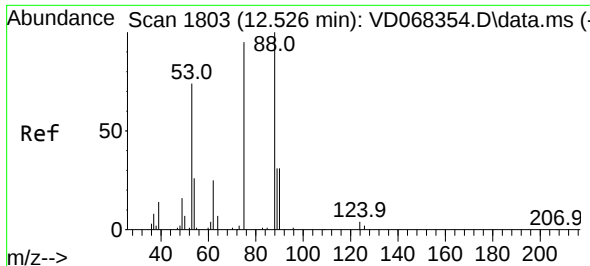
Tgt Ion: 91 Resp: 646154  
Ion Ratio Lower Upper  
91 100  
126 33.6 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 49.61 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

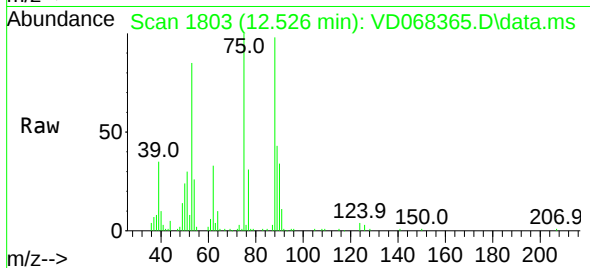
Tgt Ion: 105 Resp: 796616  
Ion Ratio Lower Upper  
105 100  
120 50.0 24.2 72.6



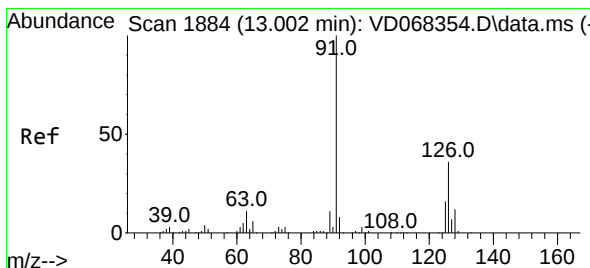
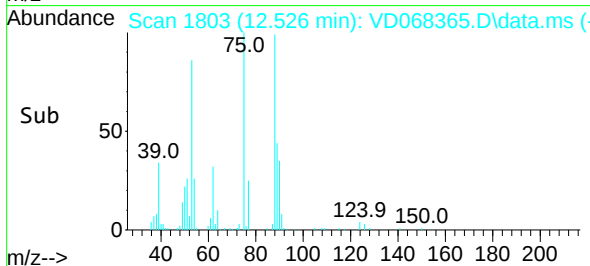
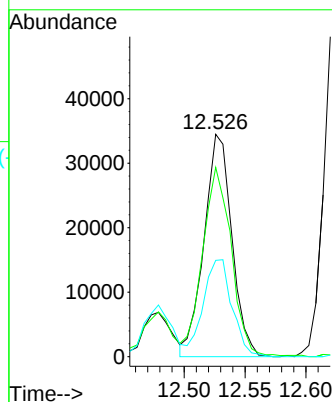


#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.65 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Instrument :  
MSVOA\_D  
ClientSampleId :

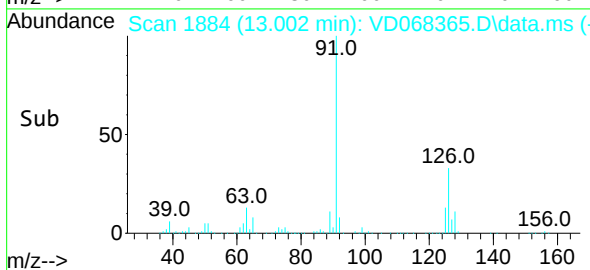
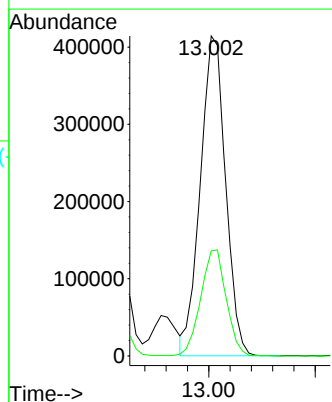
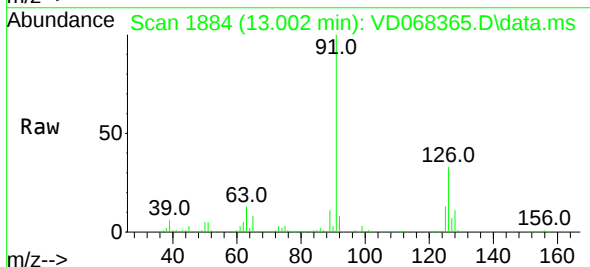


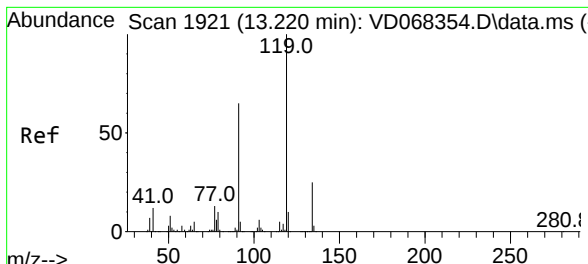
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 88.5  | 70.2  | 105.2 |
| 89      | 44.7  | 40.3  | 60.5  |



#82  
4-Chlorotoluene  
Concen: 49.56 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.6  | 17.7  | 53.1  |

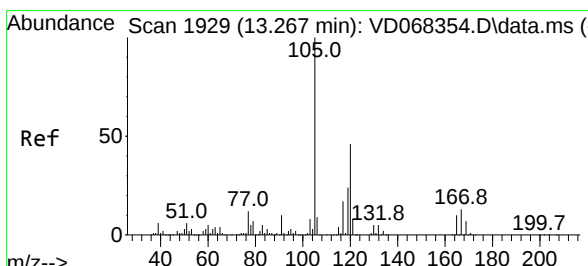
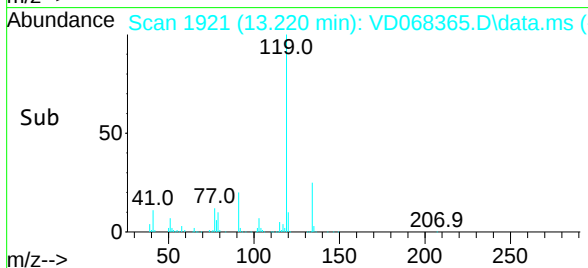
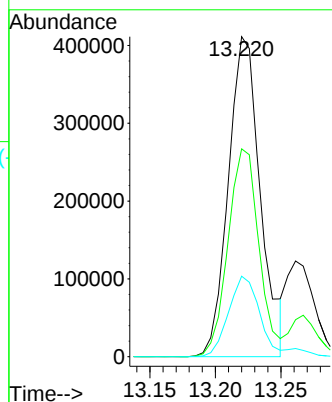
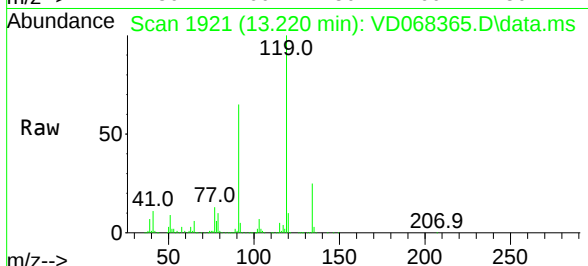




#83  
tert-Butylbenzene  
Concen: 50.14 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

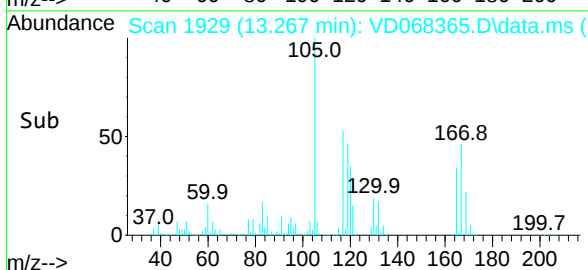
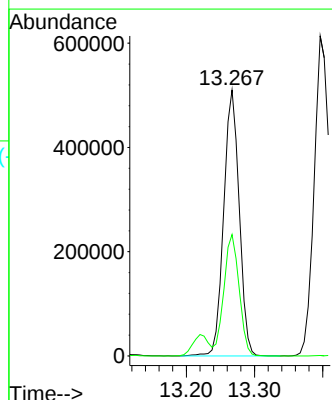
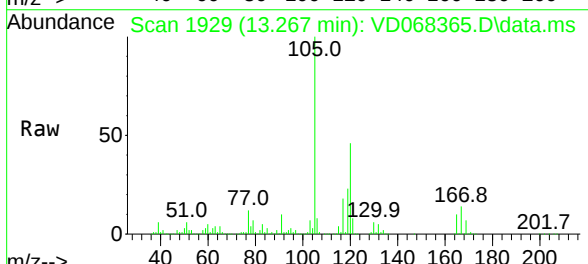
Instrument :  
MSVOA\_D  
ClientSampleId :

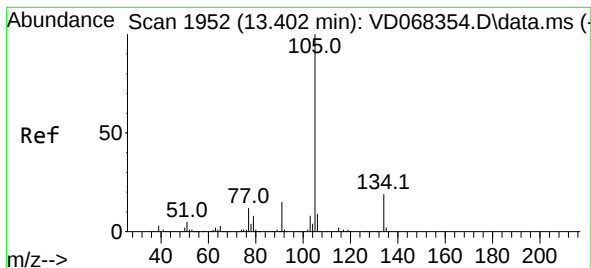
Tgt Ion:119 Resp: 698411  
Ion Ratio Lower Upper  
119 100  
91 62.9 31.1 93.5  
134 25.9 13.3 39.8



#84  
1,2,4-Trimethylbenzene  
Concen: 50.50 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion:105 Resp: 807852  
Ion Ratio Lower Upper  
105 100  
120 45.0 22.4 67.0





#85

sec-Butylbenzene

Concen: 49.79 ug/l

RT: 13.396 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VD068365.D

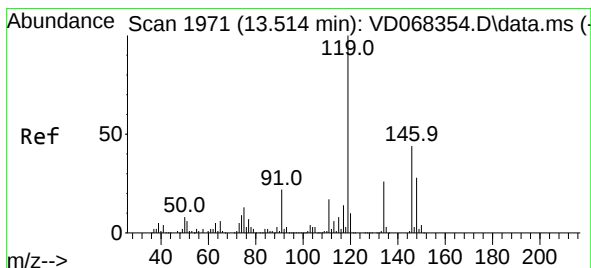
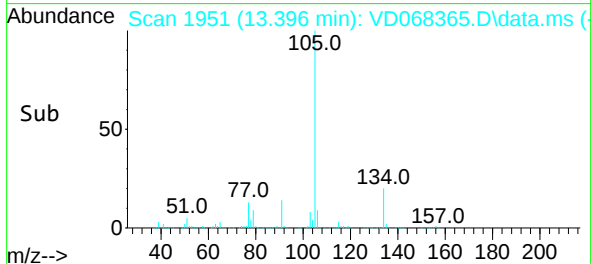
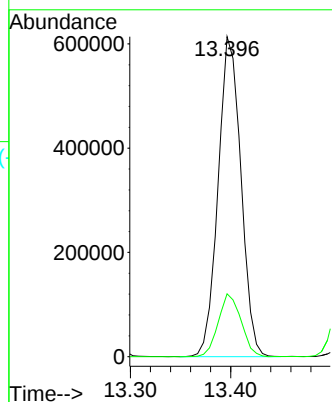
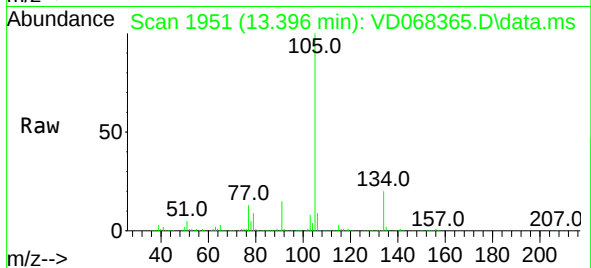
Acq: 15 Feb 2021 16:05

Tgt Ion:105 Resp: 970019

Ion Ratio Lower Upper

105 100

134 19.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 50.23 ug/l

RT: 13.514 min Scan# 1971

Delta R.T. -0.000 min

Lab File: VD068365.D

Acq: 15 Feb 2021 16:05

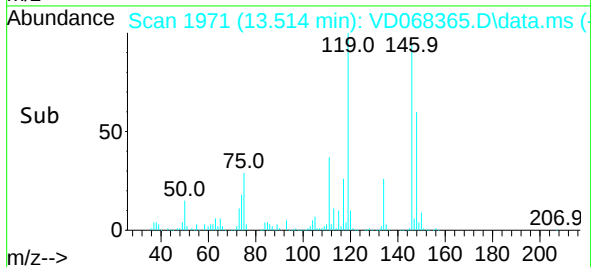
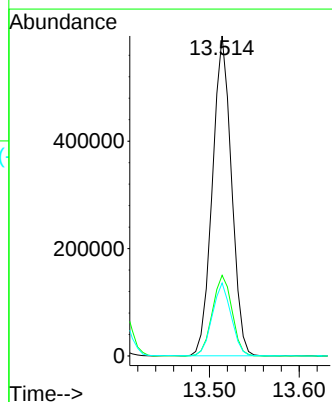
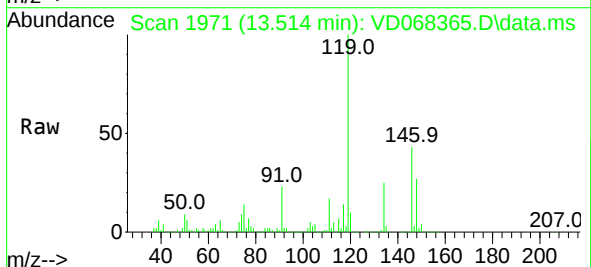
Tgt Ion:119 Resp: 878499

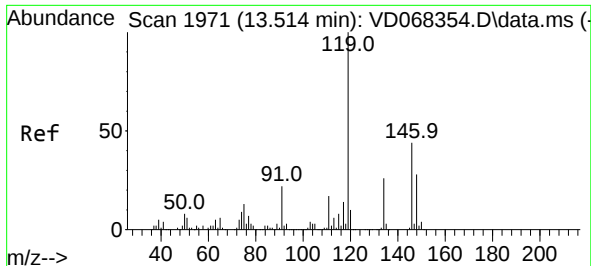
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 22.5 11.7 35.0

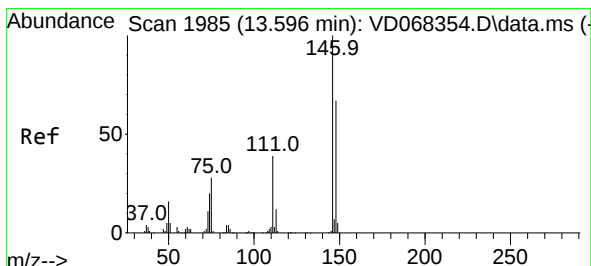
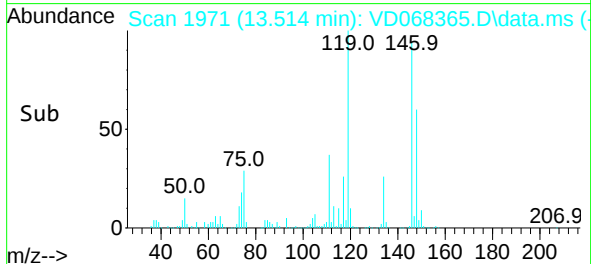
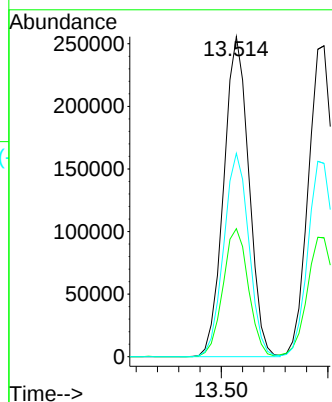
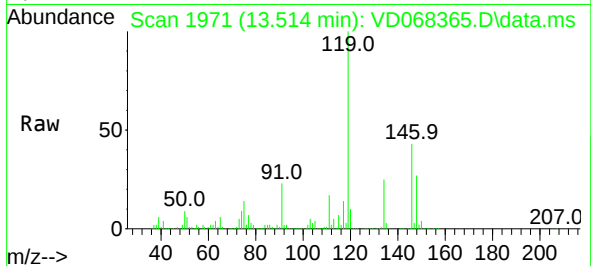




#87  
1,3-Dichlorobenzene  
Concen: 49.23 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

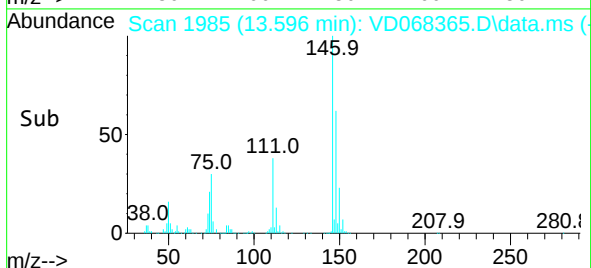
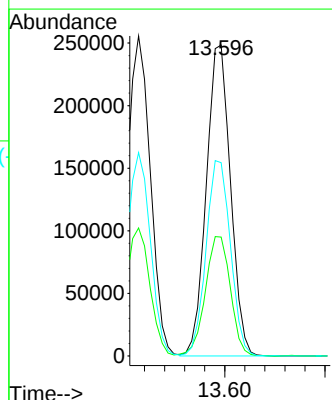
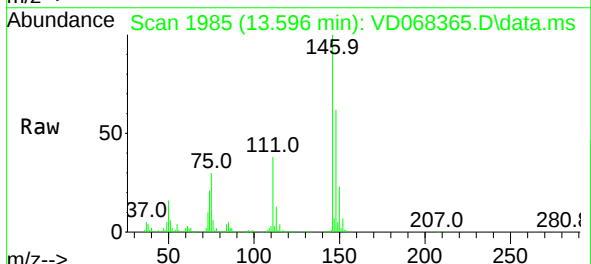
Instrument :  
MSVOA\_D  
ClientSampleId :

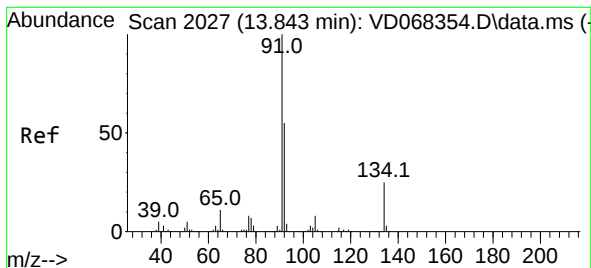
Tgt Ion:146 Resp: 418081  
Ion Ratio Lower Upper  
146 100  
111 40.5 19.5 58.5  
148 63.5 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 49.26 ug/l  
RT: 13.596 min Scan# 1985  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion:146 Resp: 416301  
Ion Ratio Lower Upper  
146 100  
111 39.9 19.1 57.1  
148 63.5 31.9 95.7

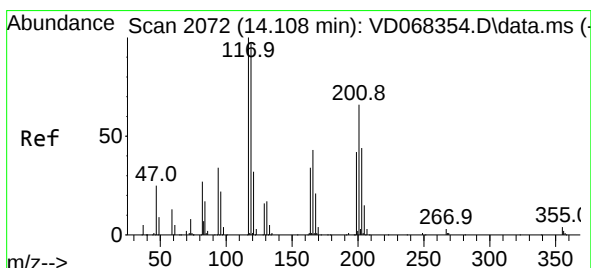
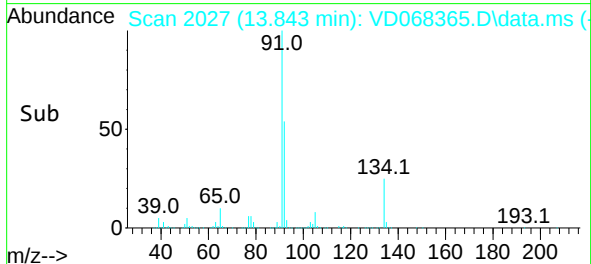
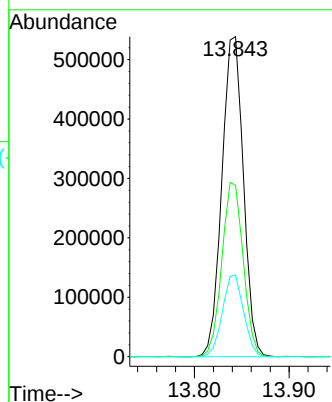
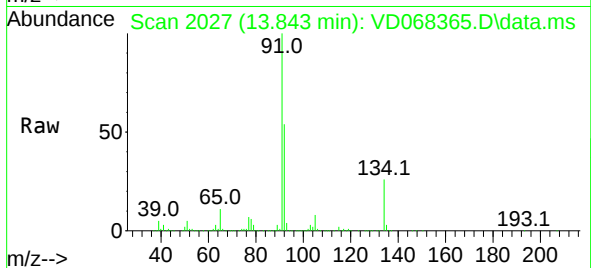




#89  
n-Butylbenzene  
Concen: 49.86 ug/l  
RT: 13.843 min Scan# 2027  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

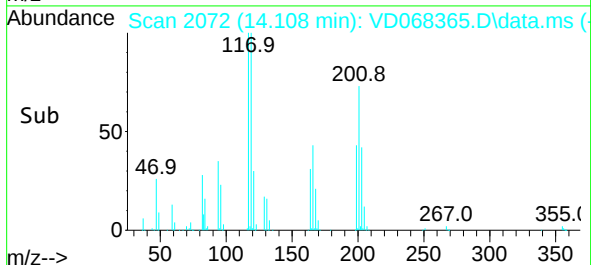
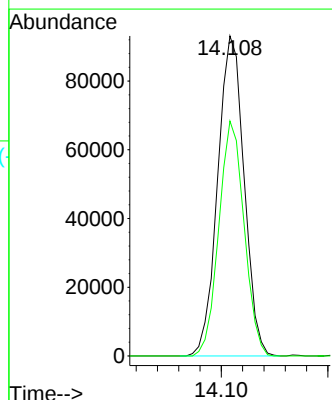
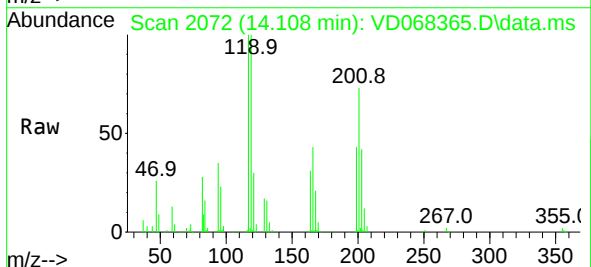
Instrument :  
MSVOA\_D  
ClientSampleId :

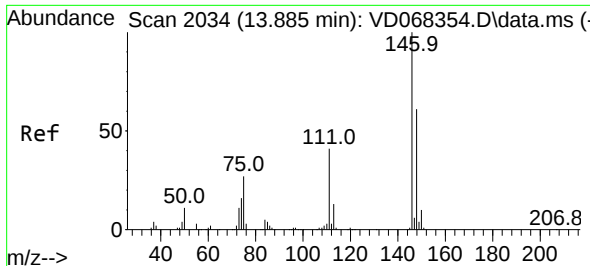
Tgt Ion: 91 Resp: 850993  
Ion Ratio Lower Upper  
91 100  
92 54.0 27.2 81.6  
134 25.1 13.9 41.7



#90  
Hexachloroethane  
Concen: 50.40 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 117 Resp: 160050  
Ion Ratio Lower Upper  
117 100  
201 70.3 39.5 118.5

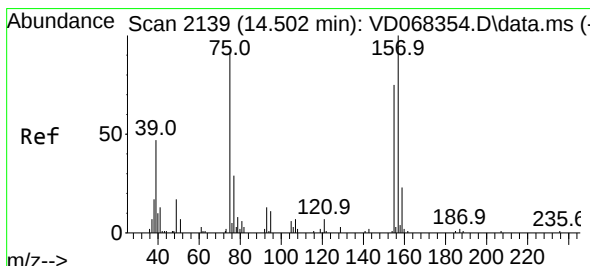
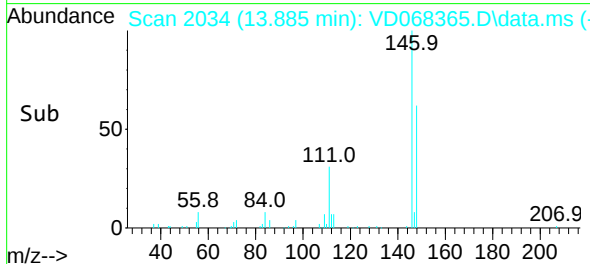
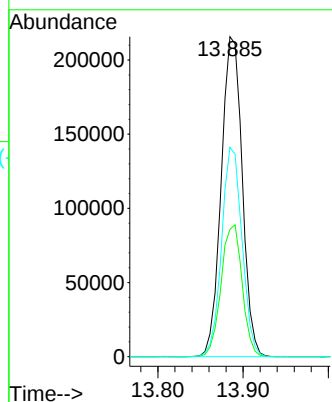
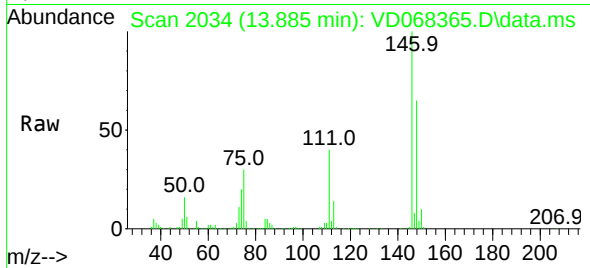




#91  
1,2-Dichlorobenzene  
Concen: 50.25 ug/l  
RT: 13.885 min Scan# 2034  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

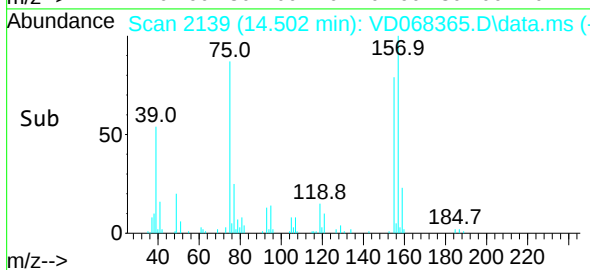
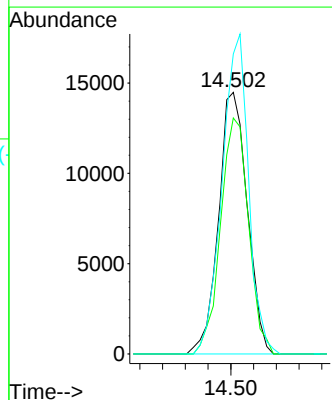
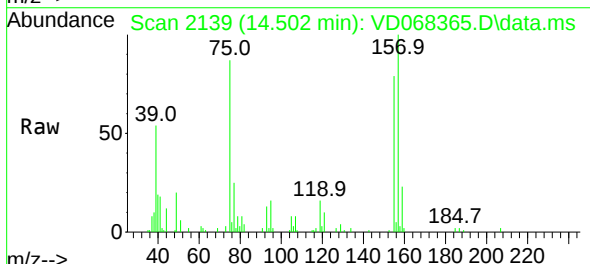
Instrument :  
MSVOA\_D  
ClientSampled :

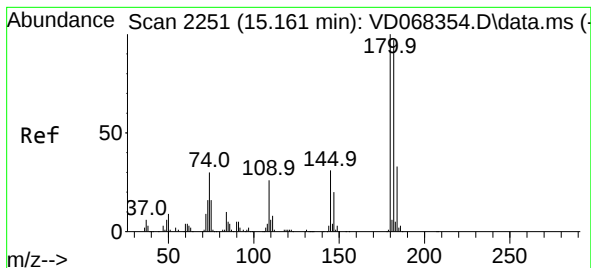
Tgt Ion:146 Resp: 370043  
Ion Ratio Lower Upper  
146 100  
111 41.3 20.3 60.9  
148 63.6 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.17 ug/l  
RT: 14.502 min Scan# 2139  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion: 75 Resp: 25479  
Ion Ratio Lower Upper  
75 100  
155 87.5 48.0 144.2  
157 112.4 65.0 194.8

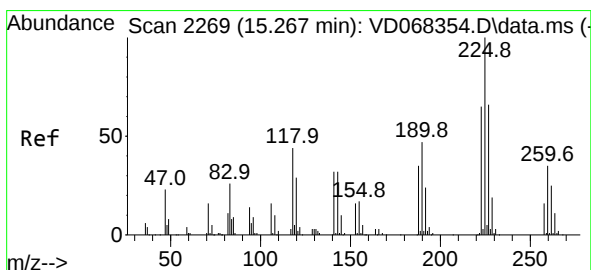
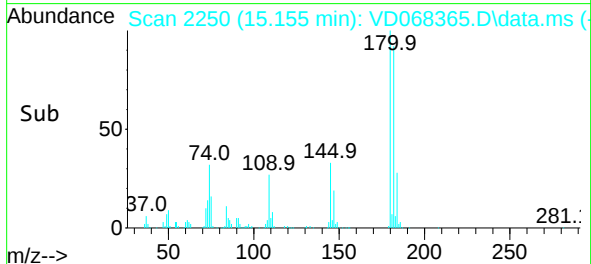
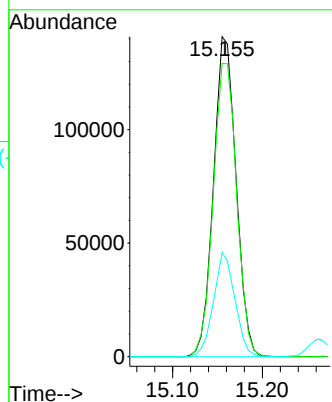
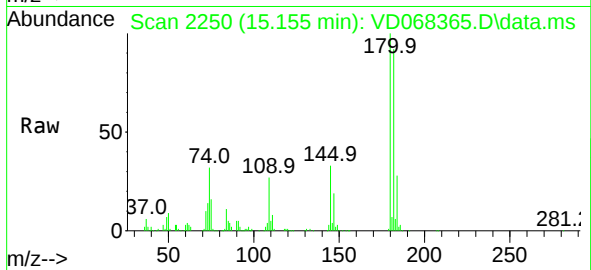




#93  
1,2,4-Trichlorobenzene  
Concen: 51.01 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

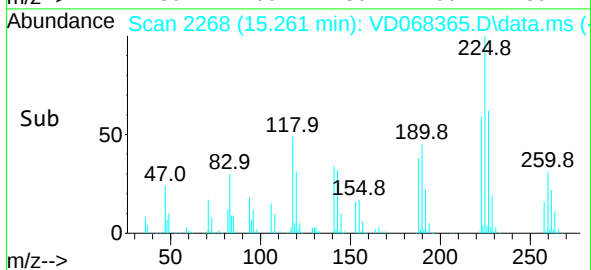
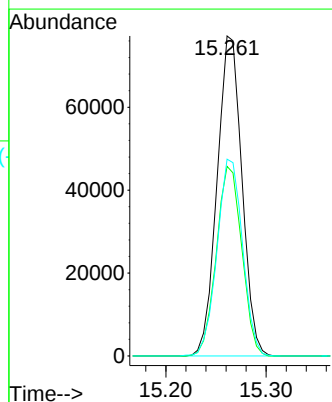
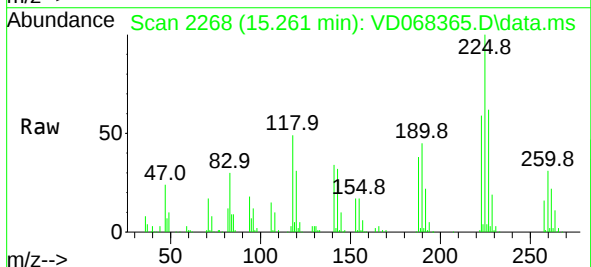
Instrument :  
MSVOA\_D  
ClientSampled :

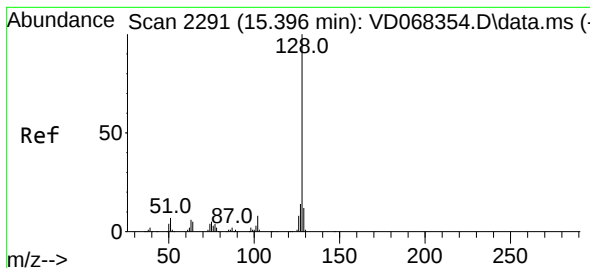
Tgt Ion:180 Resp: 246027  
Ion Ratio Lower Upper  
180 100  
182 95.3 46.8 140.4  
145 30.9 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 50.01 ug/l  
RT: 15.261 min Scan# 2268  
Delta R.T. -0.006 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion:225 Resp: 132670  
Ion Ratio Lower Upper  
225 100  
223 60.6 31.9 95.5  
227 63.1 32.1 96.5

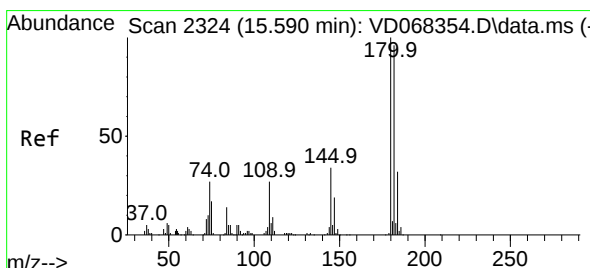
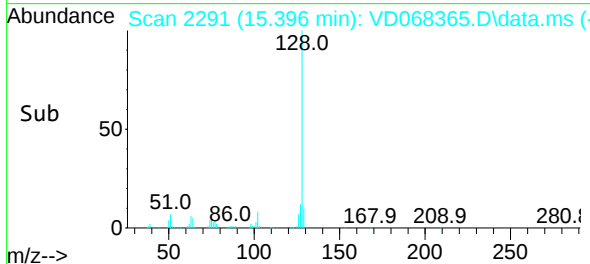
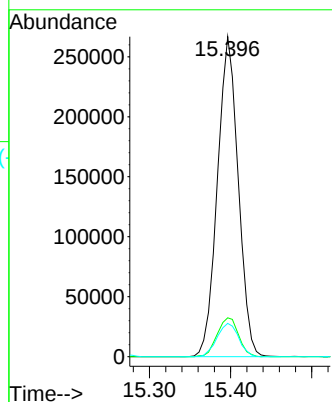
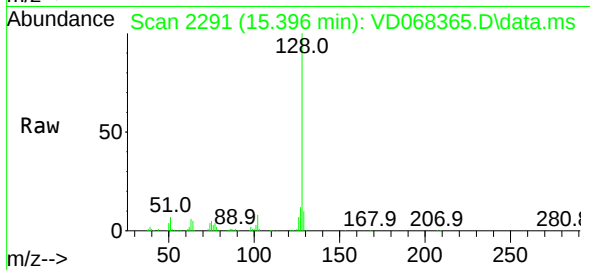




#95  
Naphthalene  
Concen: 53.10 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Instrument :  
MSVOA\_D  
ClientSampled :

Tgt Ion:128 Resp: 476096  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.2 15.2  
129 10.8 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 49.12 ug/l  
RT: 15.590 min Scan# 2324  
Delta R.T. -0.000 min  
Lab File: VD068365.D  
Acq: 15 Feb 2021 16:05

Tgt Ion:180 Resp: 206641  
Ion Ratio Lower Upper  
180 100  
182 96.0 48.3 144.8  
145 32.3 16.7 50.1

