

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092021\  
 Data File : VD070378.D  
 Acq On : 20 Sep 2021 12:26  
 Operator : VA/SY  
 Sample : VD0920SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0920SBS01

Quant Time: Sep 21 03:32:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 03:07:09 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.979  | 168  | 360351   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 651375   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 621948   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 298159   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 233068   | 50.371   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 100.740% |      |
| 35) Dibromofluoromethane    | 7.908  | 113   | 233098   | 50.274   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 100.540% |      |
| 50) Toluene-d8              | 10.332 | 98    | 901204   | 53.534   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 107.060% |      |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 299866   | 50.969   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 101.940% |      |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.985 | 85  | 88399  | 22.049 | ug/l   | 99  |
| 3) Chloromethane             | 2.209 | 50  | 108061 | 19.717 | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.350 | 62  | 117597 | 20.741 | ug/l   | 98  |
| 5) Bromomethane              | 2.750 | 94  | 76246  | 18.910 | ug/l   | 87  |
| 6) Chloroethane              | 2.915 | 64  | 76613  | 20.170 | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.268 | 101 | 159011 | 21.204 | ug/l   | 94  |
| 8) Diethyl Ether             | 3.715 | 74  | 39479  | 19.044 | ug/l   | 89  |
| 9) 1,1,2-Trichlorotrifluo... | 4.097 | 101 | 93260  | 20.021 | ug/l   | 98  |
| 10) Methyl Iodide            | 4.297 | 142 | 77470  | 18.044 | ug/l   | 100 |
| 11) Tert butyl alcohol       | 5.220 | 59  | 23775  | 45.445 | ug/l # | 100 |
| 12) 1,1-Dichloroethene       | 4.062 | 96  | 82303  | 19.618 | ug/l   | 96  |
| 13) Acrolein                 | 3.920 | 56  | 17246  | 74.978 | ug/l   | 89  |
| 14) Allyl chloride           | 4.715 | 41  | 117320 | 19.030 | ug/l   | 98  |
| 15) Acrylonitrile            | 5.420 | 53  | 92295  | 93.442 | ug/l   | 97  |
| 16) Acetone                  | 4.150 | 43  | 78581  | 95.125 | ug/l # | 83  |
| 17) Carbon Disulfide         | 4.409 | 76  | 296817 | 19.176 | ug/l   | 100 |
| 18) Methyl Acetate           | 4.726 | 43  | 46702  | 19.681 | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 170551 | 18.812 | ug/l   | 100 |
| 20) Methylene Chloride       | 4.967 | 84  | 133494 | 21.843 | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.467 | 96  | 95913  | 19.206 | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.362 | 45  | 258486 | 19.590 | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.309 | 43  | 564826 | 92.401 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.261 | 63  | 184530 | 19.765 | ug/l   | 97  |
| 25) 2-Butanone               | 7.209 | 43  | 107150 | 97.441 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.203 | 77  | 150469 | 19.939 | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.209 | 96  | 103996 | 19.386 | ug/l   | 99  |
| 28) Bromochloromethane       | 7.544 | 49  | 69244  | 18.693 | ug/l   | 93  |
| 29) Tetrahydrofuran          | 7.567 | 42  | 65140  | 92.279 | ug/l   | 97  |
| 30) Chloroform               | 7.708 | 83  | 180897 | 18.900 | ug/l   | 100 |
| 31) Cyclohexane              | 7.985 | 56  | 152638 | 19.151 | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.903 | 97  | 157688 | 19.574 | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 135018 | 19.393 | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.291 | 43  | 47913  | 18.403 | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.097 | 117 | 138119 | 20.059 | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.355 | 83  | 147074 | 18.909 | ug/l   | 99  |
| 40) Benzene                  | 8.350 | 78  | 402735 | 19.739 | ug/l   | 99  |

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 Operator : VA/SY  
 Sample : VD0920SBSD01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0920SBSD01

Quant Time: Sep 21 03:32:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 03:07:09 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 21997    | 16.059  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 107389   | 19.652  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 90938    | 18.891  | ug/l   | 98       |
| 44) Trichloroethene           | 9.108  | 130  | 97599    | 20.015  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 105750   | 19.755  | ug/l   | 93       |
| 46) Dibromomethane            | 9.473  | 93   | 53937    | 19.567  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.661  | 83   | 137612   | 19.568  | ug/l   | 93       |
| 48) Methyl methacrylate       | 9.450  | 41   | 42622    | 19.177  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 11783    | 426.777 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 239103   | 95.988  | ug/l   | 97       |
| 52) Toluene                   | 10.397 | 92   | 251079   | 20.366  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 120417   | 19.906  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 146389   | 19.884  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 73546    | 19.395  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 76987    | 18.597  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 126240   | 19.554  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 208143   | 104.320 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.979 | 43   | 163904   | 98.621  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.138 | 129  | 87556    | 19.840  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 68891    | 19.754  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.873 | 164  | 75541    | 19.949  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.667 | 112  | 254262   | 19.734  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 96847    | 20.523  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.738 | 91   | 431739   | 19.429  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.844 | 106  | 346998   | 40.433  | ug/l   | 98       |
| 69) o-Xylene                  | 12.173 | 106  | 149285   | 19.417  | ug/l   | 98       |
| 70) Styrene                   | 12.185 | 104  | 271285   | 20.199  | ug/l   | 98       |
| 71) Bromoform                 | 12.355 | 173  | 46865    | 20.094  | ug/l # | 94       |
| 73) Isopropylbenzene          | 12.473 | 105  | 401581   | 19.205  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.279 | 43   | 85131    | 18.686  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 88248    | 19.705  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 104604   | 34.684  | ug/l # | 1        |
| 77) Bromobenzene              | 12.749 | 156  | 93344    | 19.349  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.808 | 91   | 541397   | 19.949  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 305214   | 19.294  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 359832   | 19.940  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.514 | 75   | 25401    | 21.103  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 335113   | 20.081  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 279068   | 19.282  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 352207   | 19.820  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 447234   | 19.440  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 364090   | 19.697  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 200613   | 19.974  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 195780   | 19.420  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.832 | 91   | 345145   | 18.728  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 79377    | 18.759  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 167849   | 18.941  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 12571    | 18.743  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 86998    | 18.180  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 54461    | 18.554  | ug/l   | 99       |
| 95) Naphthalene               | 15.385 | 128  | 153926   | 17.699  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 77302    | 18.309  | ug/l   | 98       |

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Operator : VA/SY  
Sample : VD0920SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

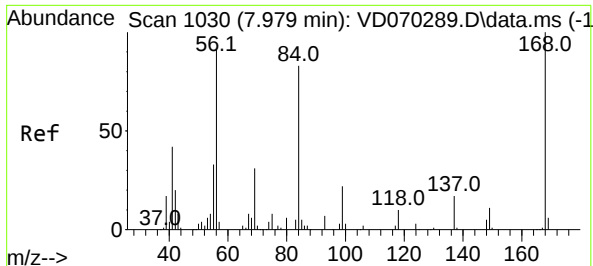
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

Quant Time: Sep 21 03:32:57 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 09 03:07:09 2021  
Response via : Initial Calibration

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

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

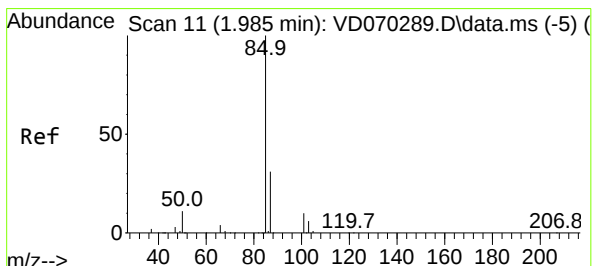
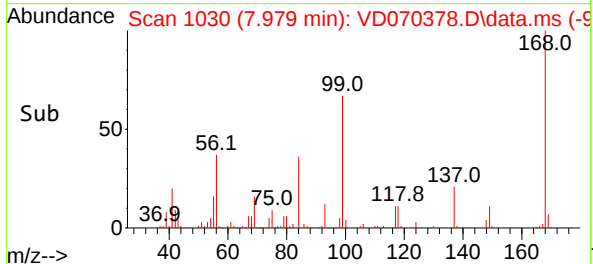
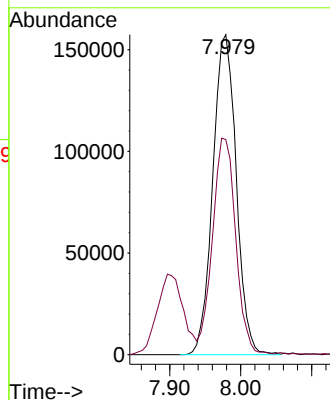
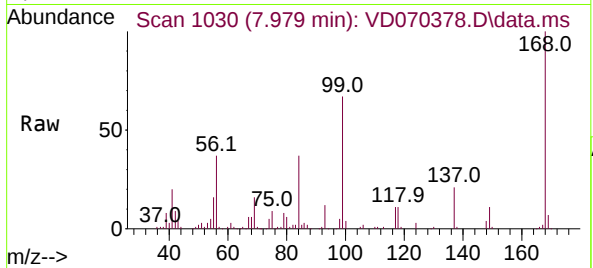




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

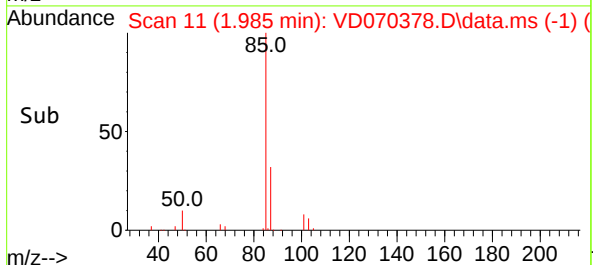
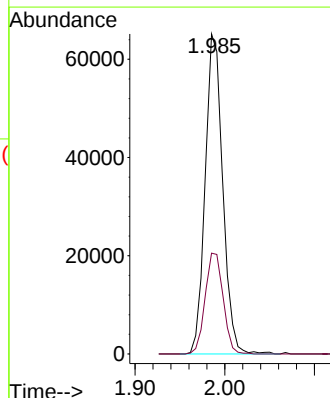
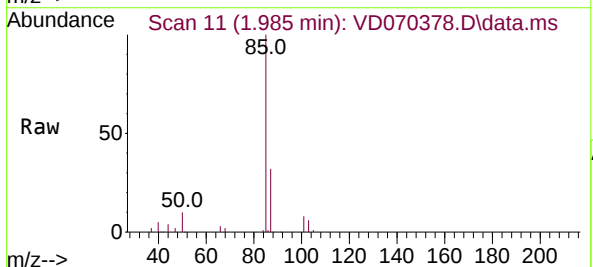
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

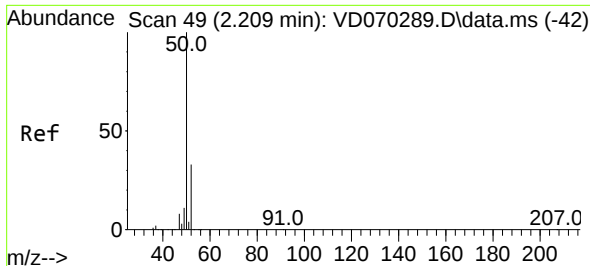
Tgt Ion:168 Resp: 360351  
Ion Ratio Lower Upper  
168 100  
99 66.6 50.8 76.2



#2  
Dichlorodifluoromethane  
Concen: 22.049 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 85 Resp: 88399  
Ion Ratio Lower Upper  
85 100  
87 31.5 15.6 46.8

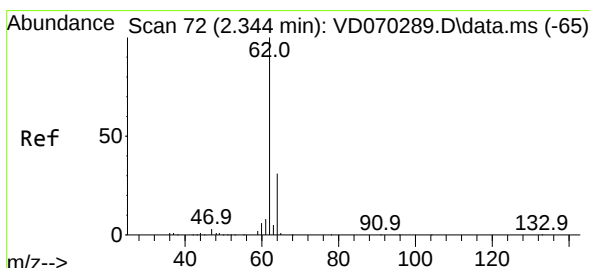
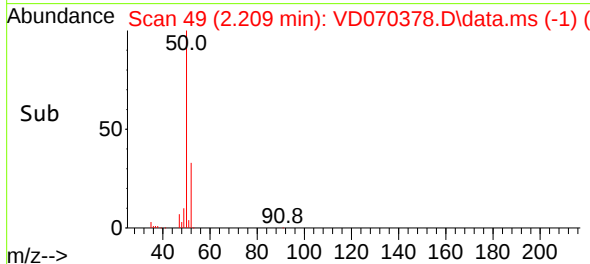
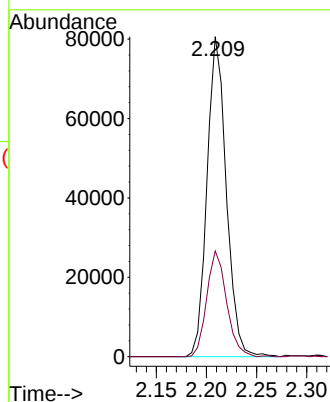
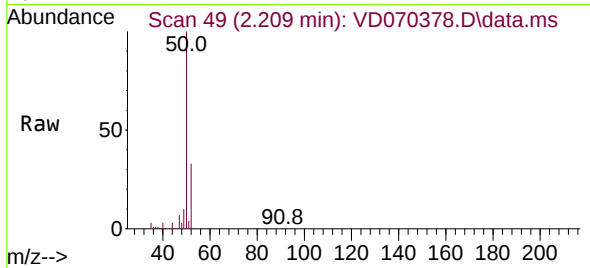




#3  
Chloromethane  
Concen: 19.717 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

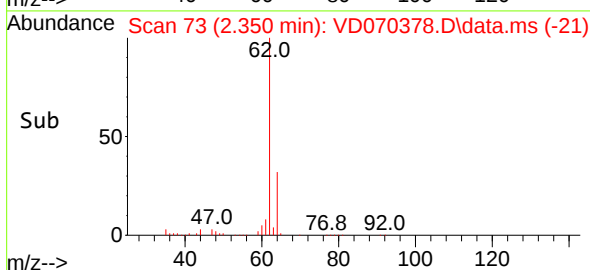
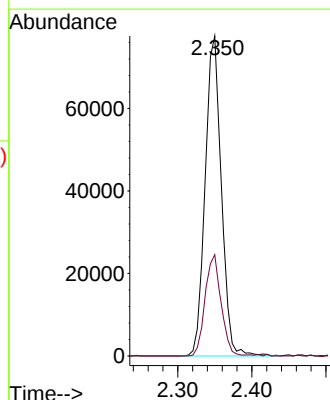
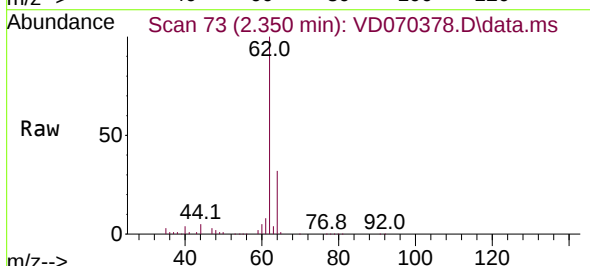
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

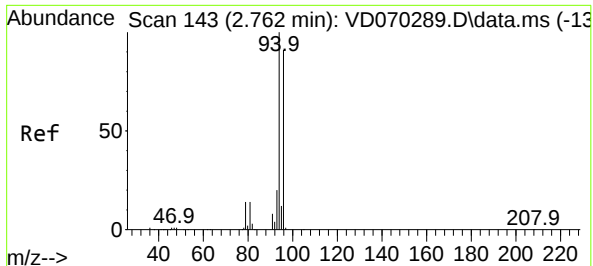
Tgt Ion: 50 Resp: 108061  
Ion Ratio Lower Upper  
50 100  
52 33.1 26.2 39.2



#4  
Vinyl Chloride  
Concen: 20.741 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. 0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 62 Resp: 117597  
Ion Ratio Lower Upper  
62 100  
64 31.7 24.6 36.8

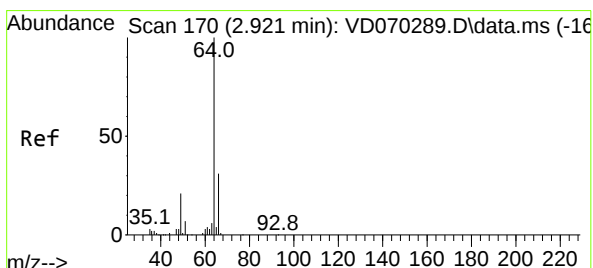
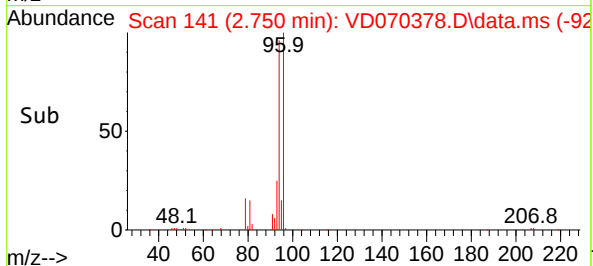
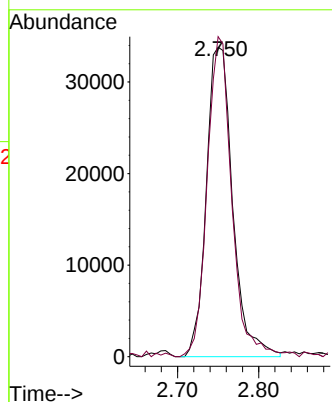
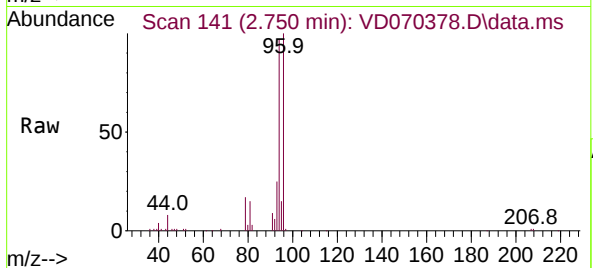




#5  
Bromomethane  
Concen: 18.910 ug/l  
RT: 2.750 min Scan# 141  
Delta R.T. -0.012 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

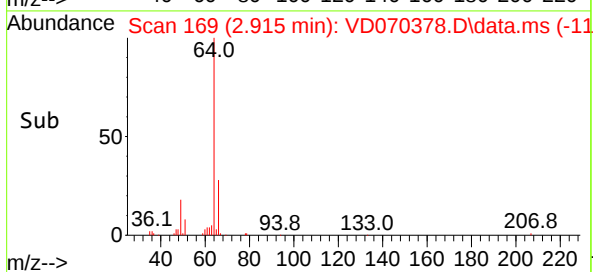
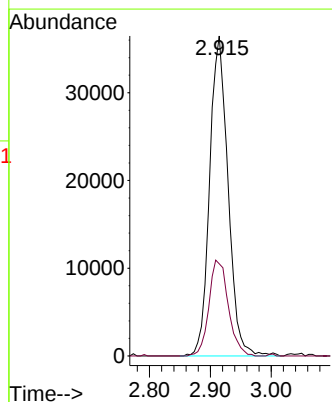
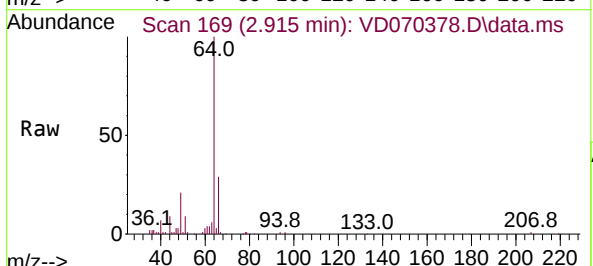
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

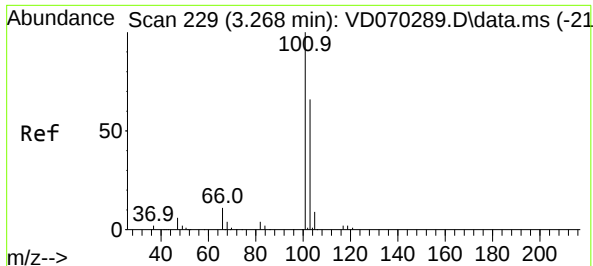
Tgt Ion: 94 Resp: 76246  
Ion Ratio Lower Upper  
94 100  
96 103.4 73.0 109.6



#6  
Chloroethane  
Concen: 20.170 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 64 Resp: 76613  
Ion Ratio Lower Upper  
64 100  
66 28.8 25.0 37.4

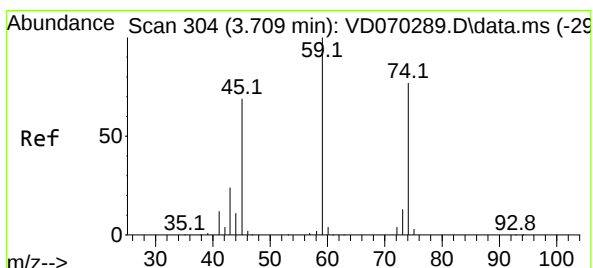
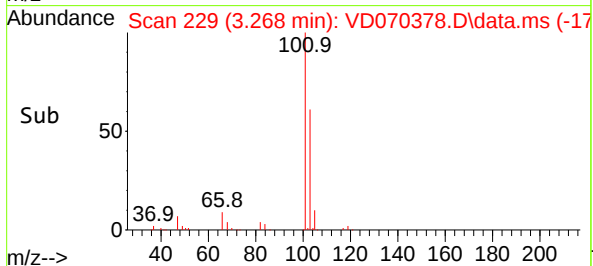
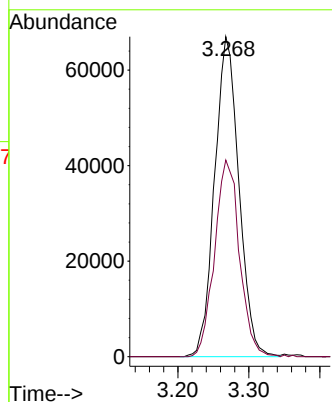
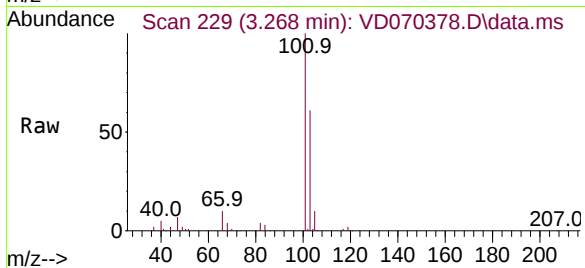




#7  
Trichlorofluoromethane  
Concen: 21.204 ug/l  
RT: 3.268 min Scan# 229  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

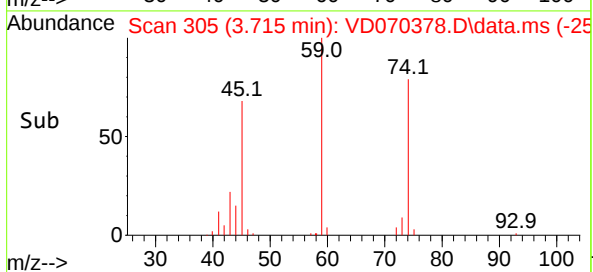
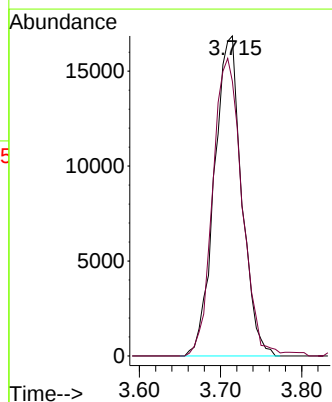
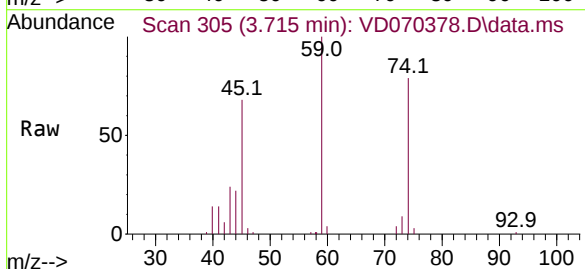
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

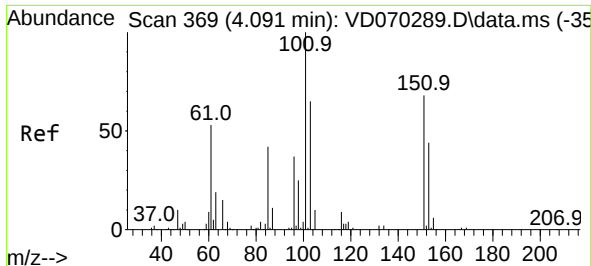
Tgt Ion:101 Resp: 159011  
Ion Ratio Lower Upper  
101 100  
103 61.5 53.0 79.6



#8  
Diethyl Ether  
Concen: 19.044 ug/l  
RT: 3.715 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 74 Resp: 39479  
Ion Ratio Lower Upper  
74 100  
45 99.2 44.5 133.5

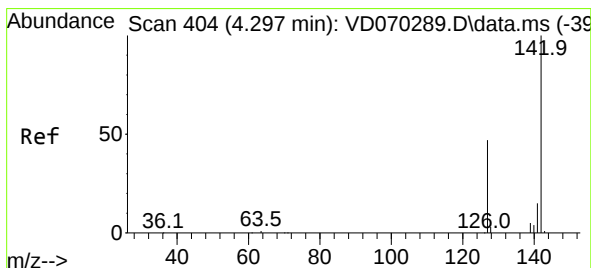
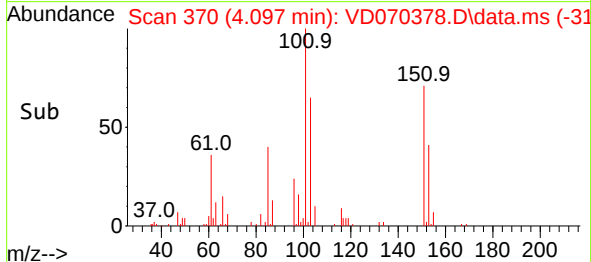
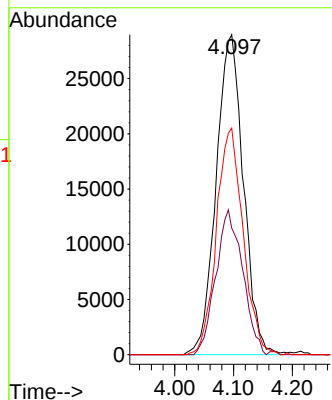
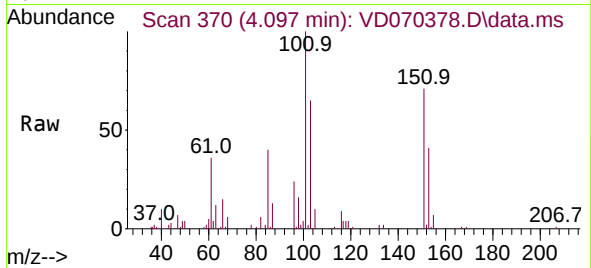




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.021 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. 0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

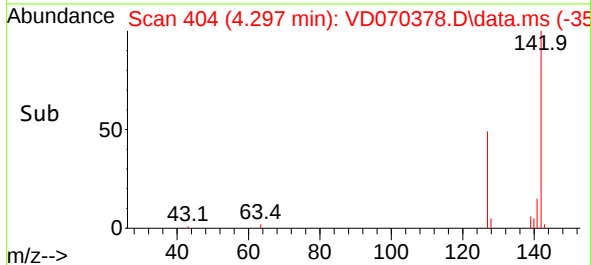
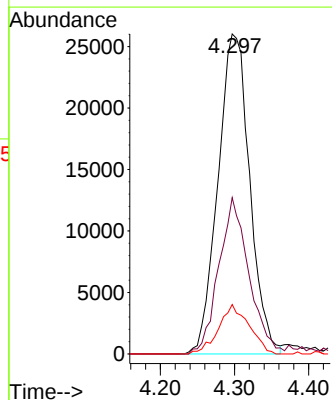
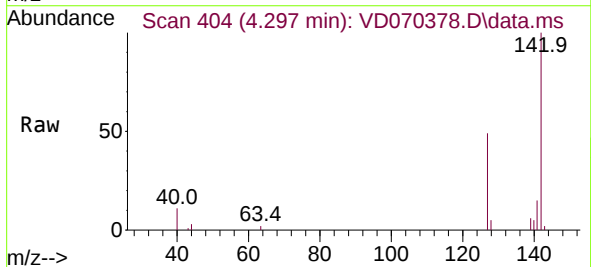
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

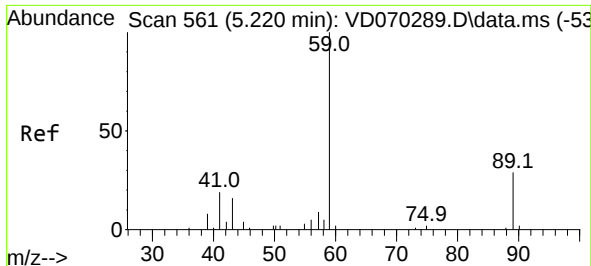
Tgt Ion:101 Resp: 93260  
Ion Ratio Lower Upper  
101 100  
85 44.7 33.8 50.8  
151 69.4 55.8 83.6



#10  
Methyl Iodide  
Concen: 18.044 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion:142 Resp: 77470  
Ion Ratio Lower Upper  
142 100  
127 46.3 36.9 55.3  
141 14.8 11.8 17.6

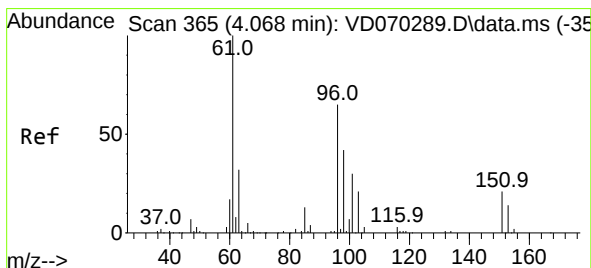
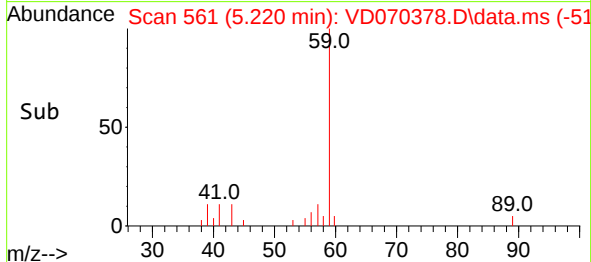
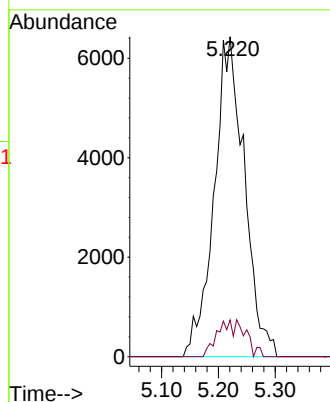
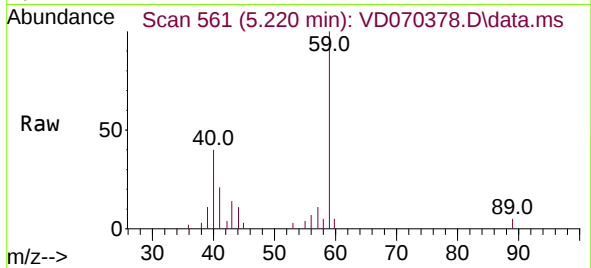




#11  
Tert butyl alcohol  
Concen: 45.445 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

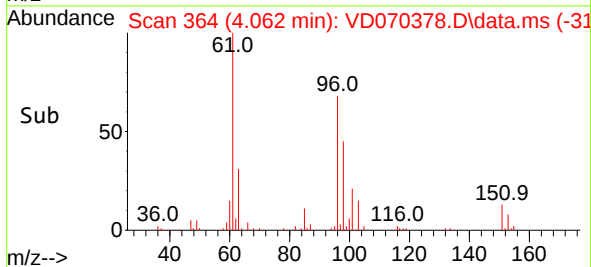
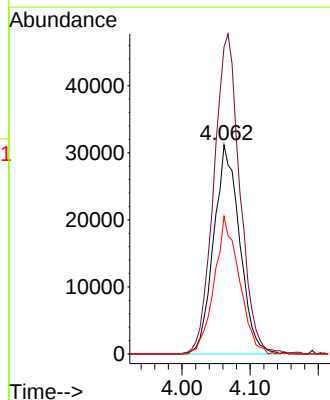
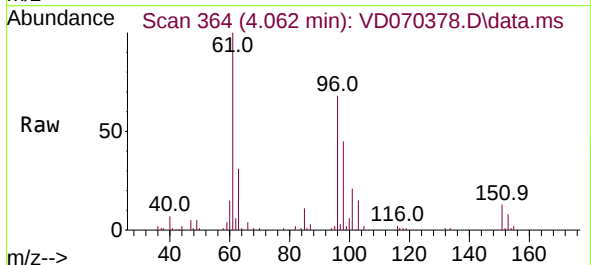
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

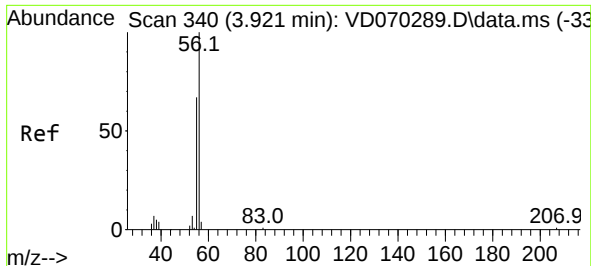
Tgt Ion: 59 Resp: 23775  
Ion Ratio Lower Upper  
59 100  
57 6.0 0.0 0.0#



#12  
1,1-Dichloroethene  
Concen: 19.618 ug/l  
RT: 4.062 min Scan# 364  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 96 Resp: 82303  
Ion Ratio Lower Upper  
96 100  
61 146.8 123.2 184.8  
98 65.8 51.9 77.9

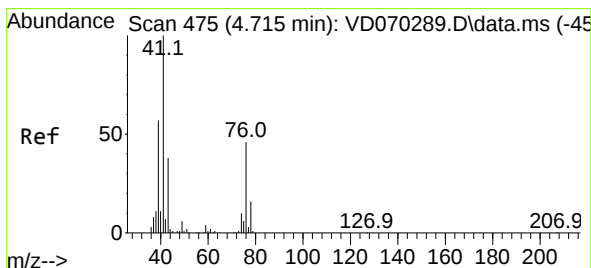
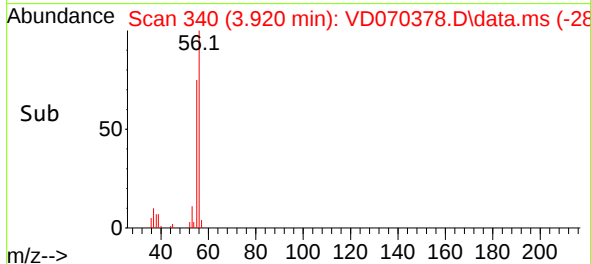
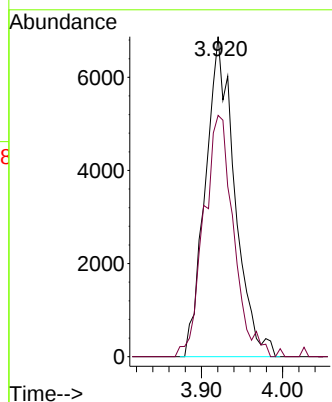
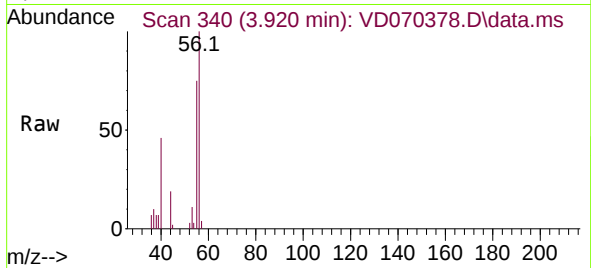




#13  
Acrolein  
Concen: 74.978 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

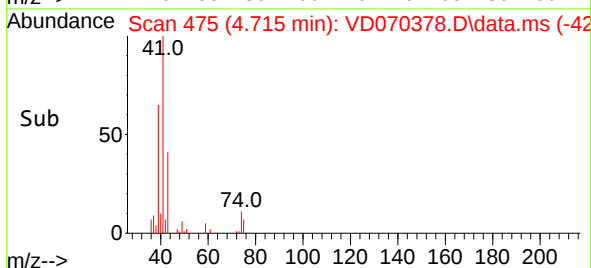
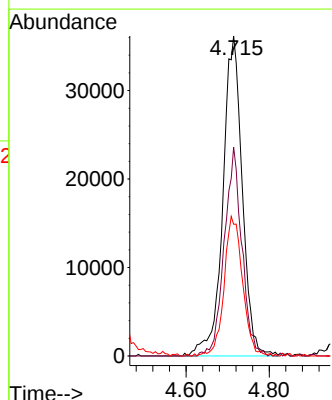
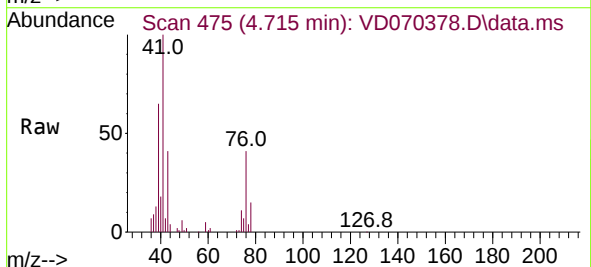
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

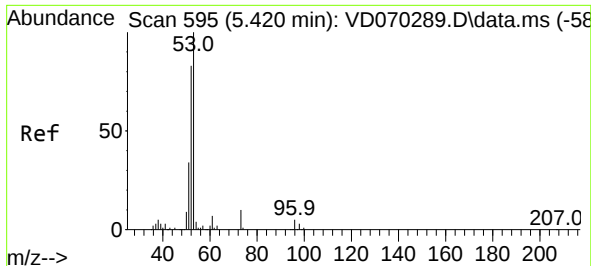
Tgt Ion: 56 Resp: 17246  
Ion Ratio Lower Upper  
56 100  
55 76.5 54.2 81.2



#14  
Allyl chloride  
Concen: 19.030 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 41 Resp: 117320  
Ion Ratio Lower Upper  
41 100  
39 59.0 46.2 69.4  
76 41.5 34.1 51.1

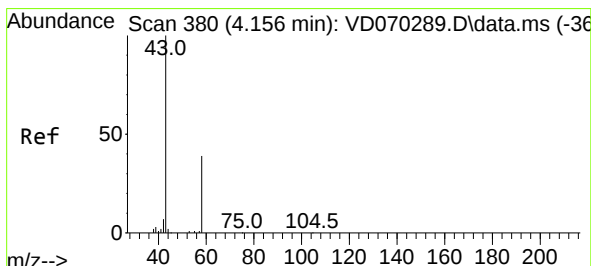
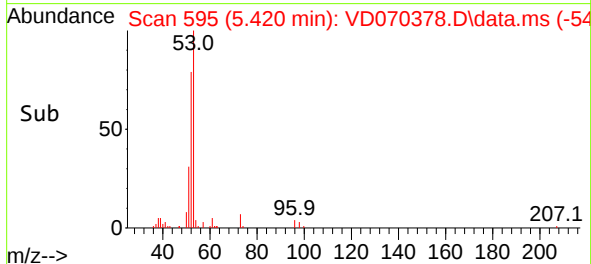
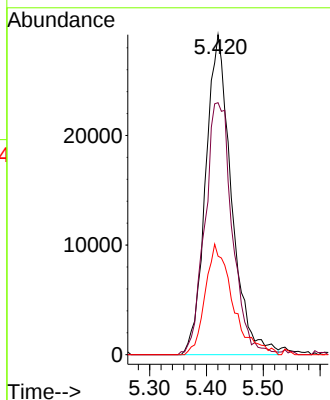
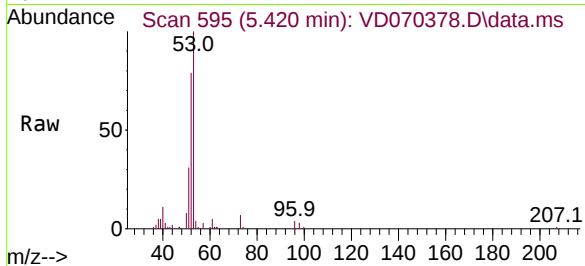




#15  
Acrylonitrile  
Concen: 93.442 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

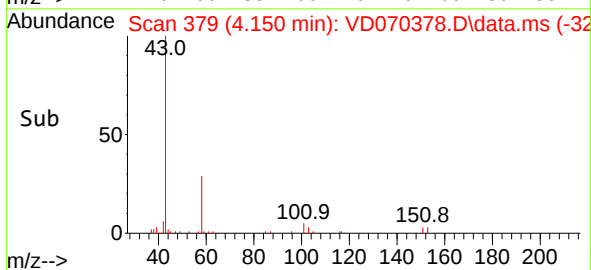
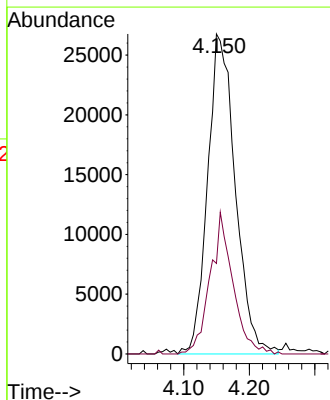
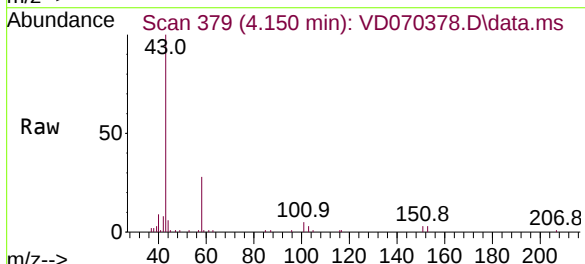
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

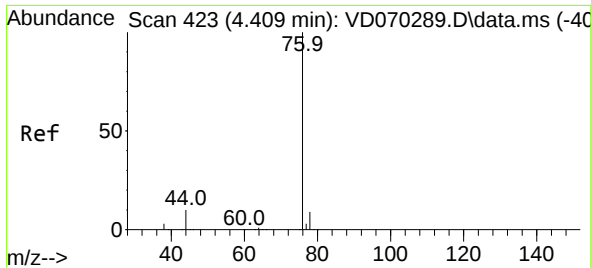
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 92295 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.4  | 64.6  | 97.0  |
| 51       | 36.7  | 27.8  | 41.8  |



#16  
Acetone  
Concen: 95.125 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 78581 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.3  | 30.9  | 46.3# |

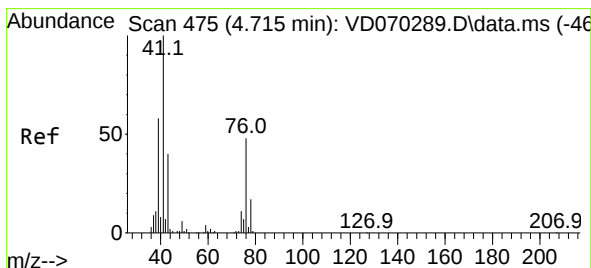
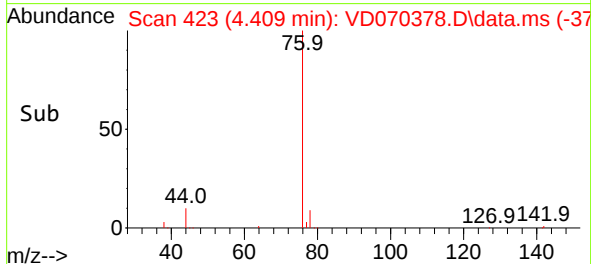
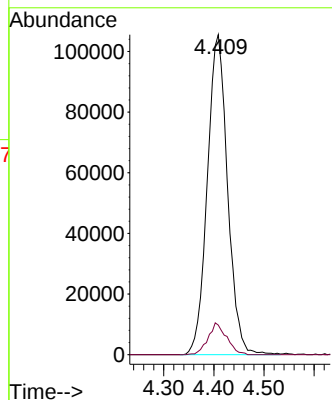
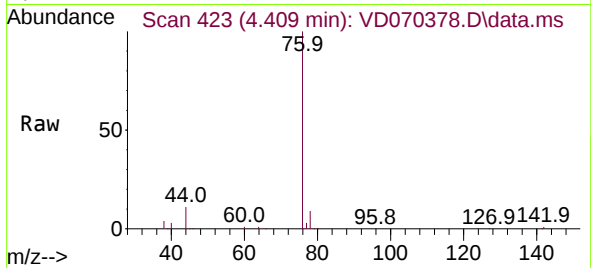




#17  
Carbon Disulfide  
Concen: 19.176 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

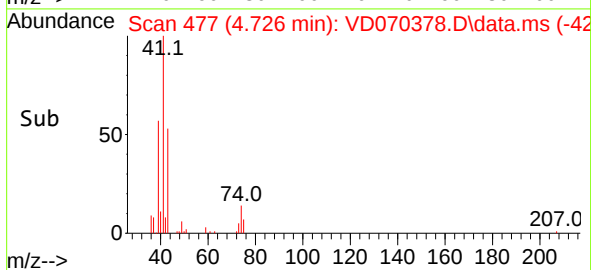
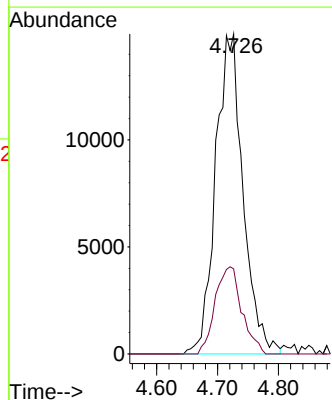
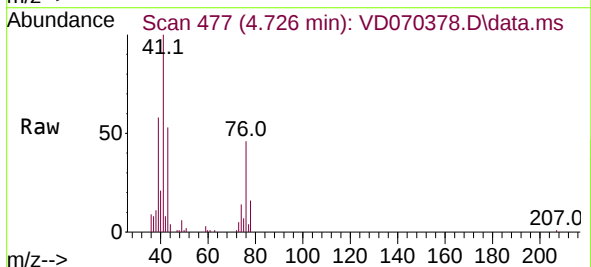
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

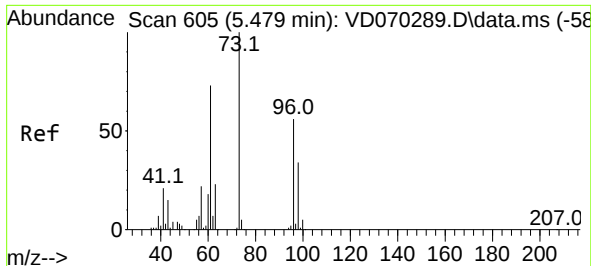
Tgt Ion: 76 Resp: 296817  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.5 11.3



#18  
Methyl Acetate  
Concen: 19.681 ug/l  
RT: 4.726 min Scan# 477  
Delta R.T. 0.011 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 43 Resp: 46702  
Ion Ratio Lower Upper  
43 100  
74 26.5 21.6 32.4

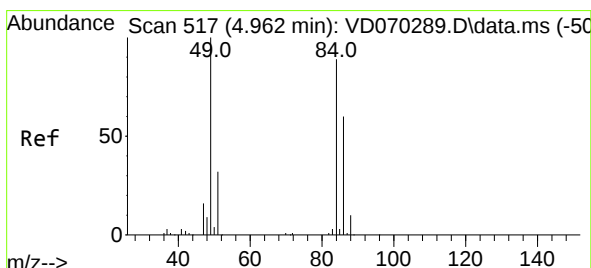
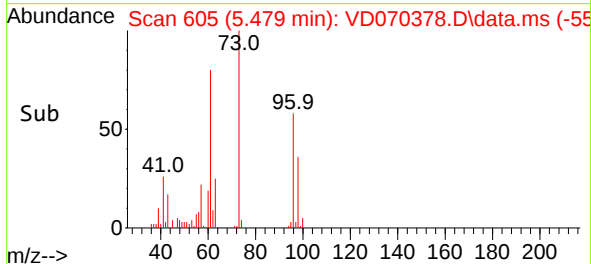
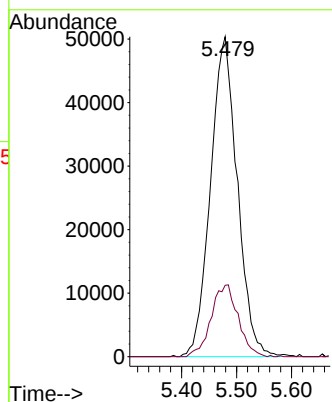
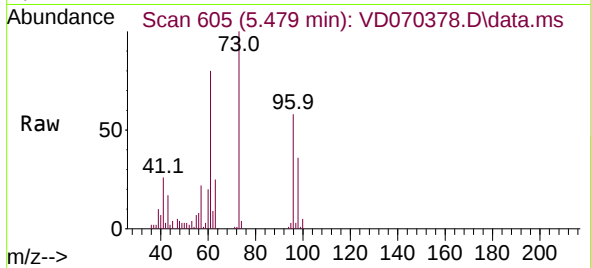




#19  
Methyl tert-butyl Ether  
Concen: 18.812 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

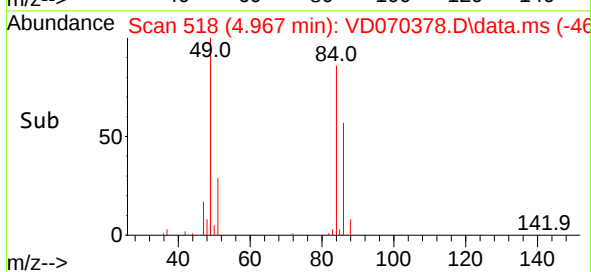
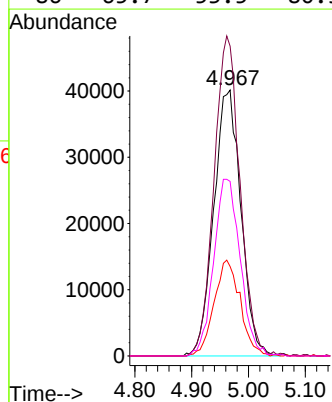
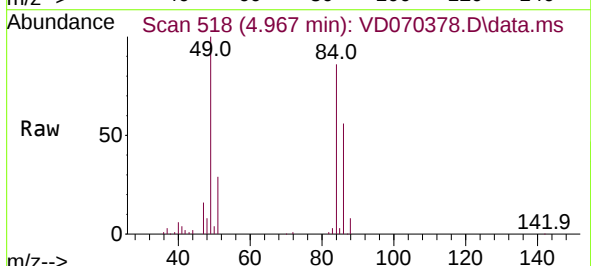
Instrument :  
MSVOA\_D  
ClientSampleId :  
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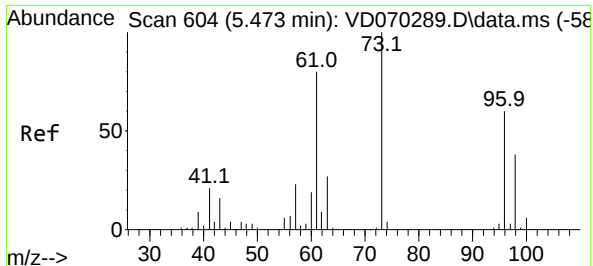
Tgt Ion: 73 Resp: 170551  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.7 26.5



#20  
Methylene Chloride  
Concen: 21.843 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. 0.005 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 84 Resp: 133494  
Ion Ratio Lower Upper  
84 100  
49 116.5 89.6 134.4  
51 33.7 28.6 43.0  
86 65.7 53.5 80.3

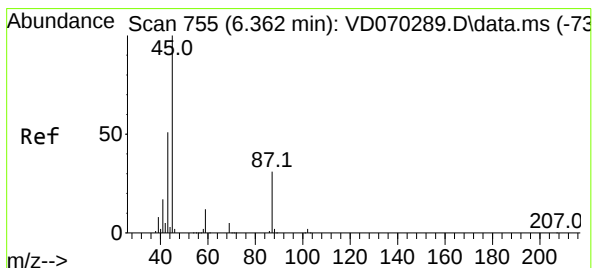
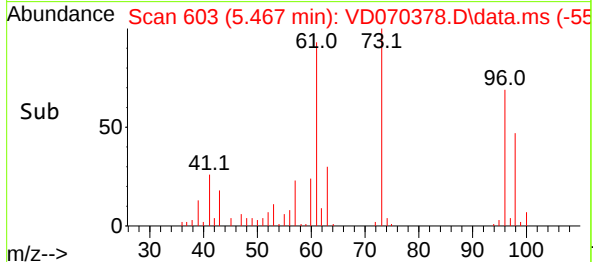
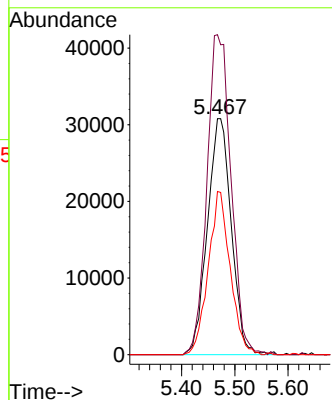
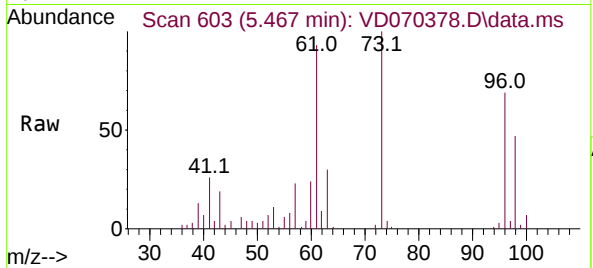




#21  
trans-1,2-Dichloroethene  
Concen: 19.206 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

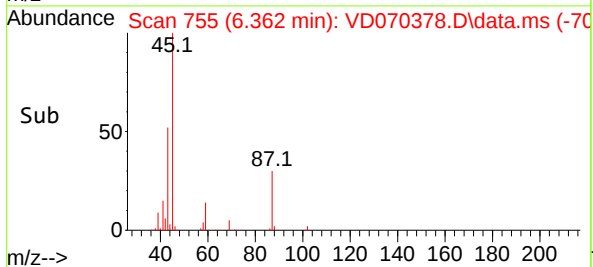
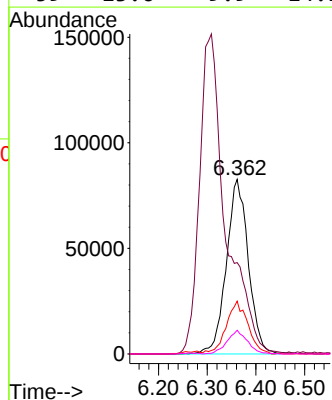
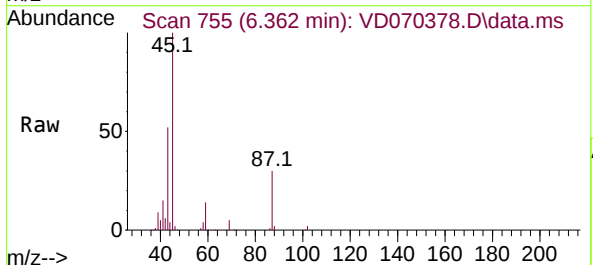
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

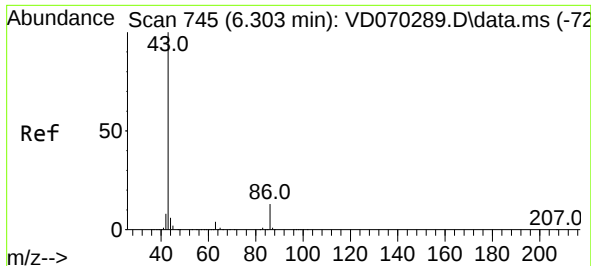
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 95913 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 135.6 | 106.0 | 159.0 |
| 98       | 69.1  | 50.5  | 75.7  |



#22  
Diisopropyl ether  
Concen: 19.590 ug/l  
RT: 6.362 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 258486 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 51.6  | 41.1  | 61.7   |
| 87       | 30.0  | 24.6  | 36.8   |
| 59       | 13.6  | 9.9   | 14.9   |

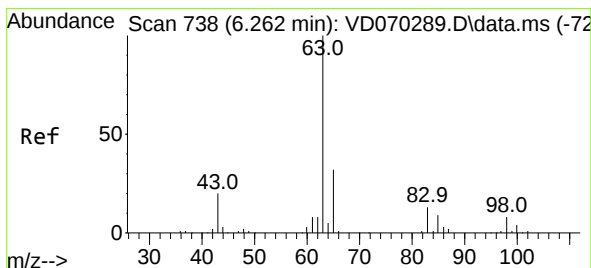
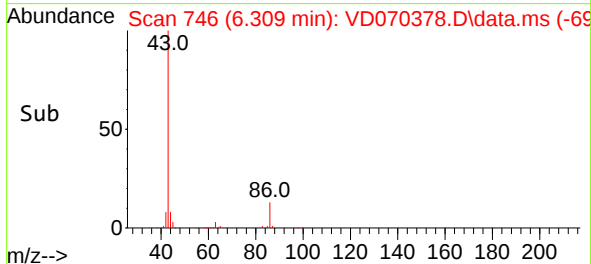
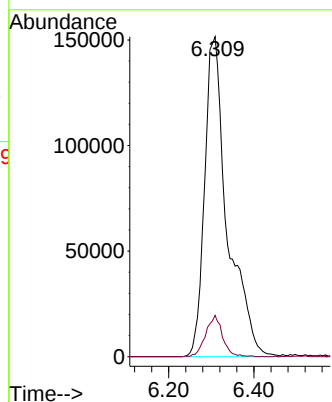
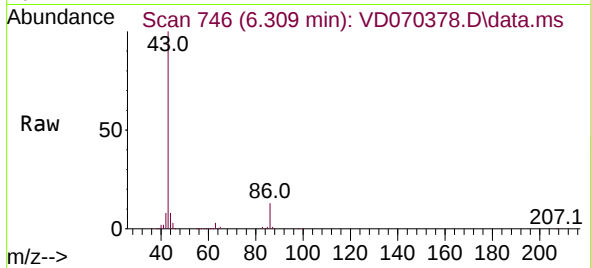




#23  
 Vinyl Acetate  
 Concen: 92.401 ug/l  
 RT: 6.309 min Scan# 746  
 Delta R.T. 0.006 min  
 Lab File: VD070378.D  
 Acq: 20 Sep 2021 12:26

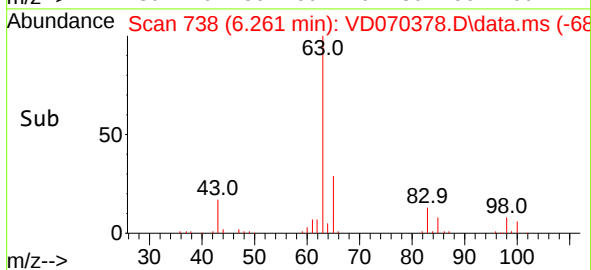
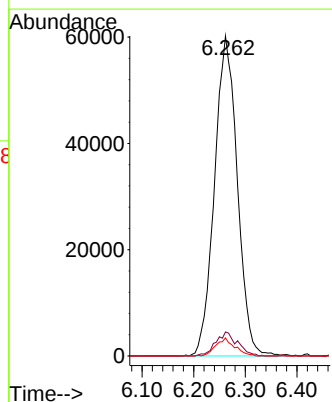
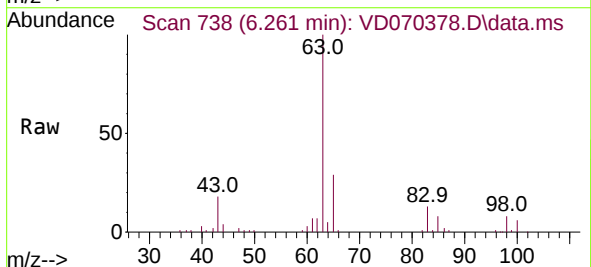
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0920SBSD01

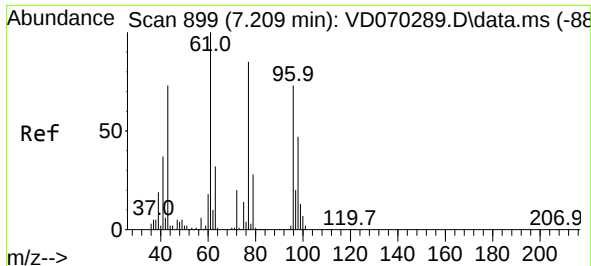
Tgt Ion: 43 Resp: 564826  
 Ion Ratio Lower Upper  
 43 100  
 86 12.9 10.2 15.4



#24  
 1,1-Dichloroethane  
 Concen: 19.765 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.000 min  
 Lab File: VD070378.D  
 Acq: 20 Sep 2021 12:26

Tgt Ion: 63 Resp: 184530  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 4.2 12.4  
 100 5.7 2.0 5.8

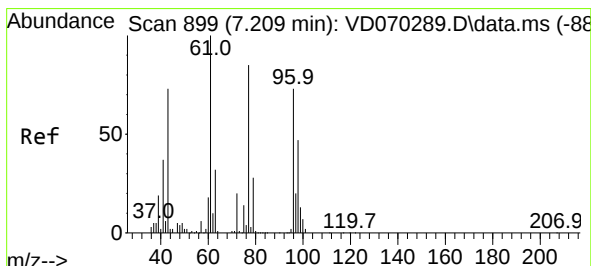
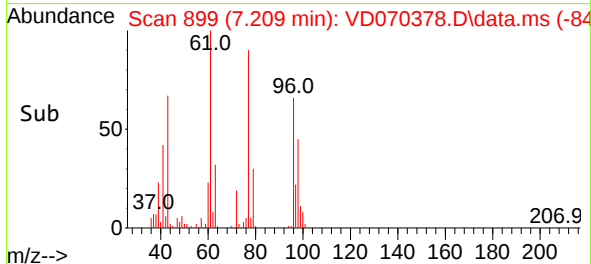
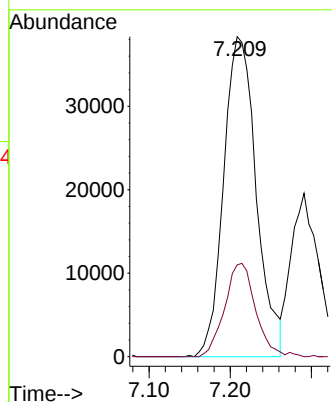
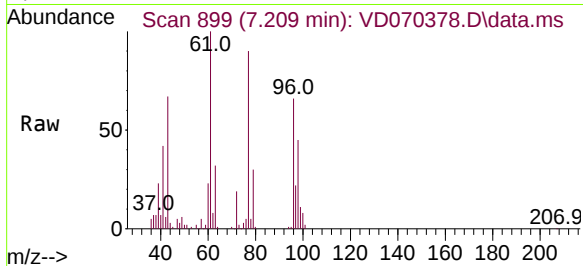




#25  
2-Butanone  
Concen: 97.441 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

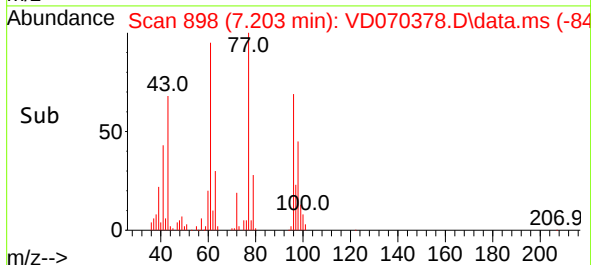
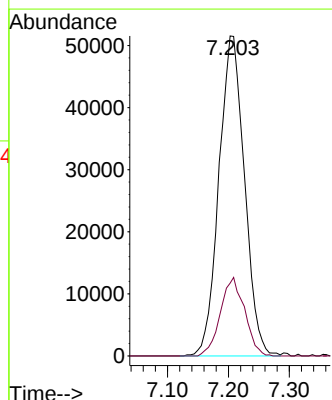
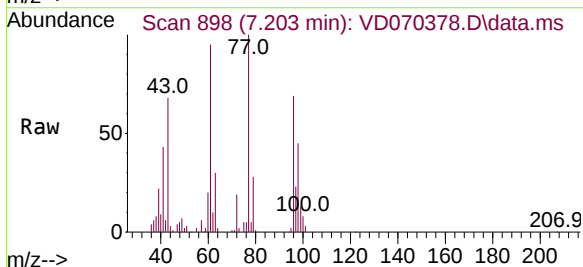
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

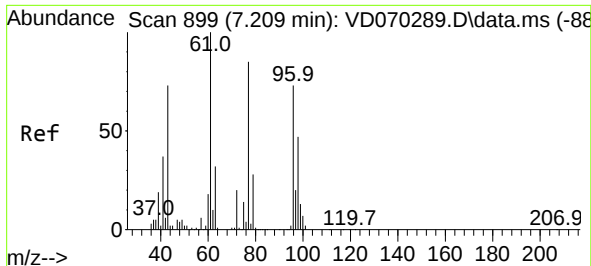
Tgt Ion: 43 Resp: 107150  
Ion Ratio Lower Upper  
43 100  
72 28.7 22.2 33.4



#26  
2,2-Dichloropropane  
Concen: 19.939 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 77 Resp: 150469  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 19.386 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD070378.D

Acq: 20 Sep 2021 12:26

Instrument :

MSVOA\_D

ClientSampleId :

VD0920SBSD01

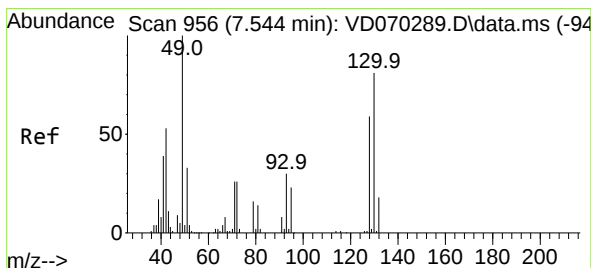
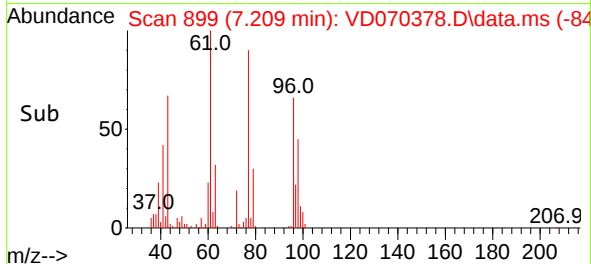
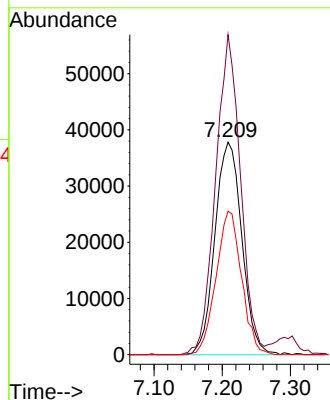
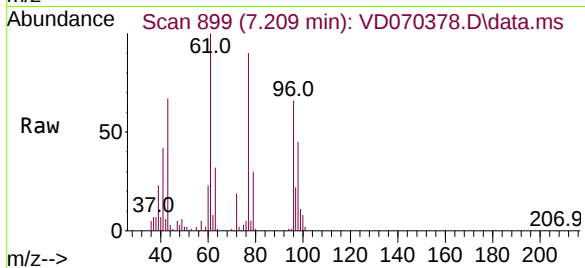
Tgt Ion: 96 Resp: 103996

Ion Ratio Lower Upper

96 100

61 139.4 0.0 277.4

98 63.9 0.0 130.0



#28

Bromochloromethane

Concen: 18.693 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD070378.D

Acq: 20 Sep 2021 12:26

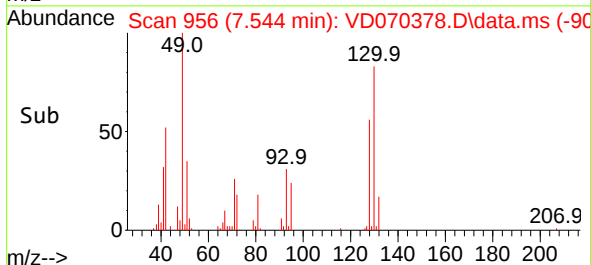
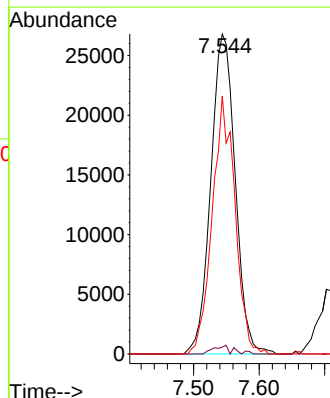
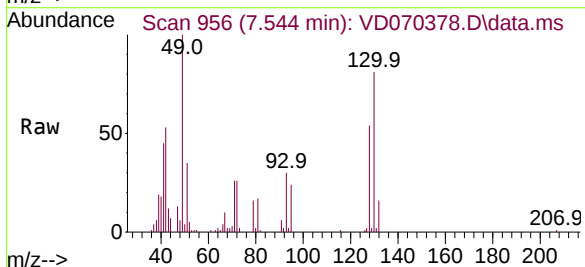
Tgt Ion: 49 Resp: 69244

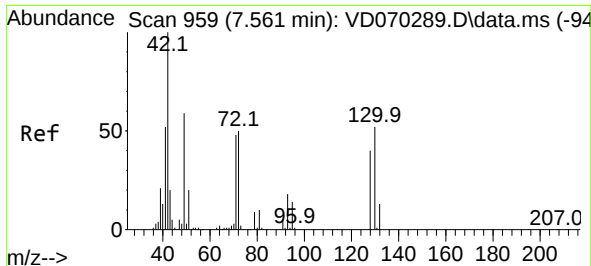
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 74.9 65.0 97.6





#29

Tetrahydrofuran

Concen: 92.279 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD070378.D

Acq: 20 Sep 2021 12:26

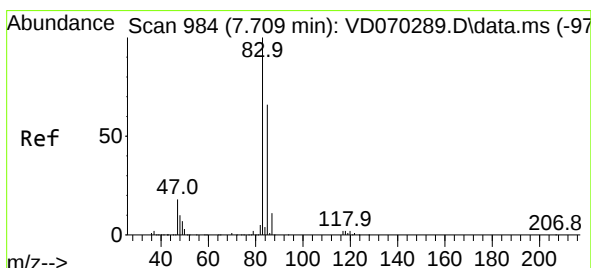
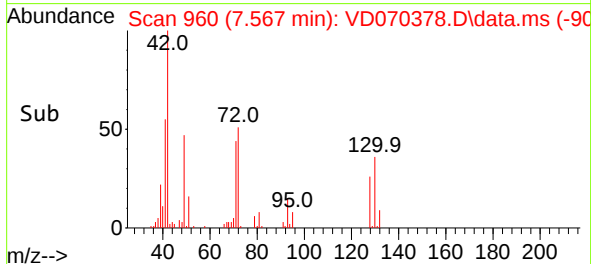
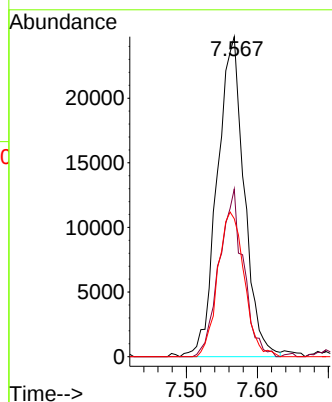
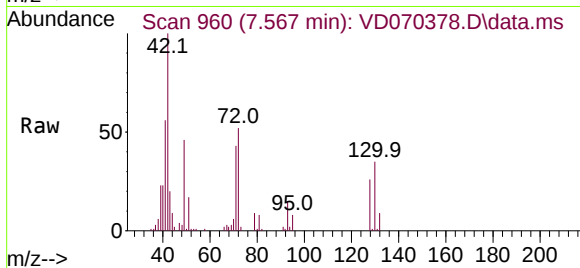
Instrument :

MSVOA\_D

ClientSampleId :

VD0920SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 65140 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 47.0  | 38.8  | 58.2  |
| 71       | 44.5  | 37.8  | 56.6  |



#30

Chloroform

Concen: 18.900 ug/l

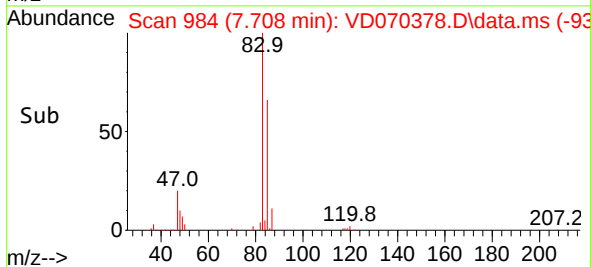
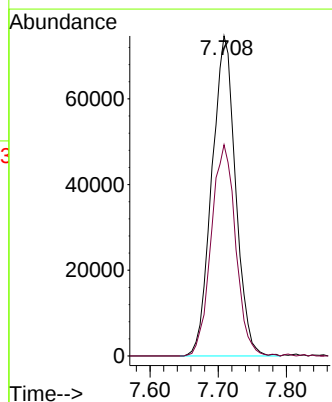
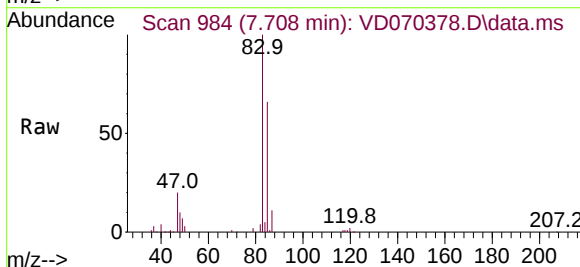
RT: 7.708 min Scan# 984

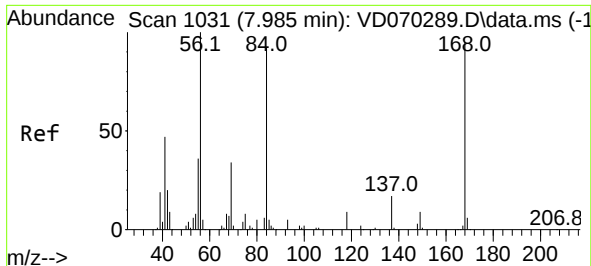
Delta R.T. -0.000 min

Lab File: VD070378.D

Acq: 20 Sep 2021 12:26

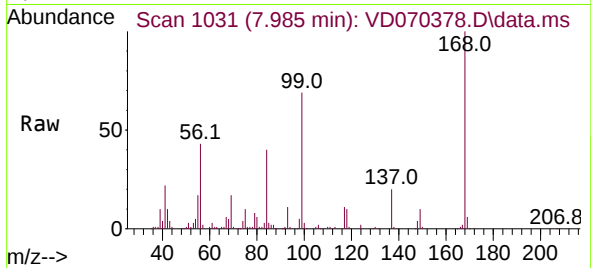
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 180897 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 66.0  | 52.5  | 78.7   |



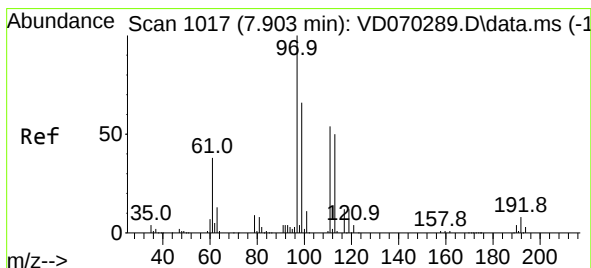
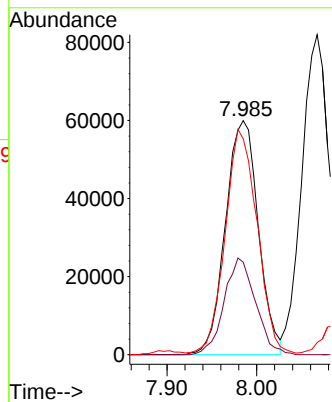
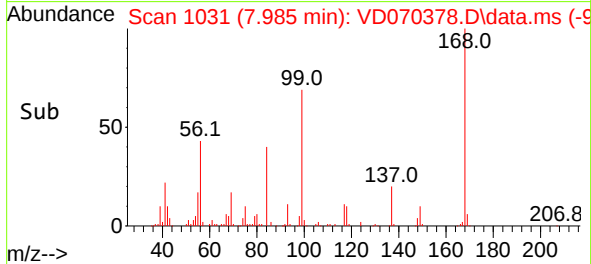


#31  
Cyclohexane  
Concen: 19.151 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

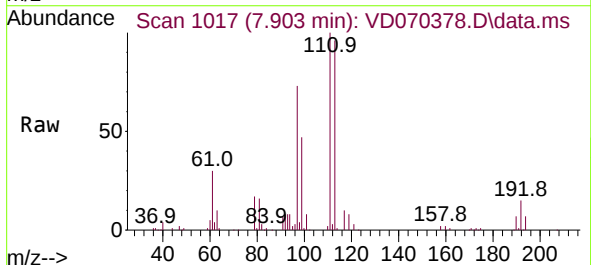
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01



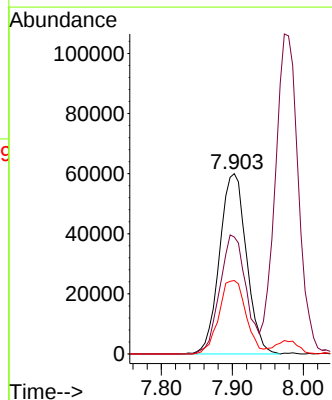
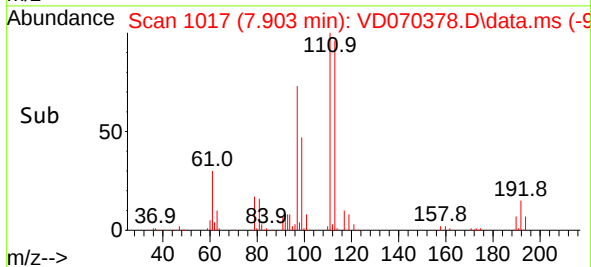
Tgt Ion: 56 Resp: 152638  
Ion Ratio Lower Upper  
56 100  
69 39.5 26.9 40.3  
84 91.1 73.6 110.4

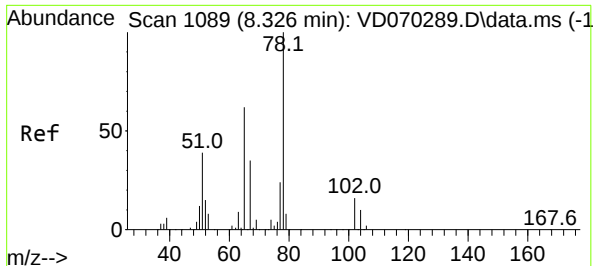


#32  
1,1,1-Trichloroethane  
Concen: 19.574 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26



Tgt Ion: 97 Resp: 157688  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.1 76.7  
61 40.9 31.4 47.0

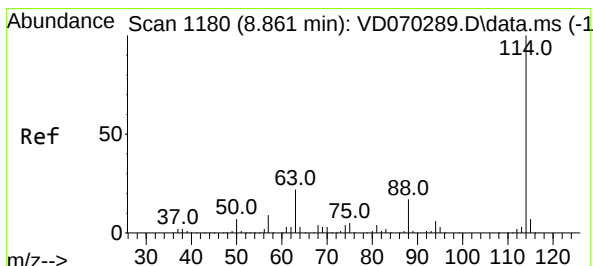
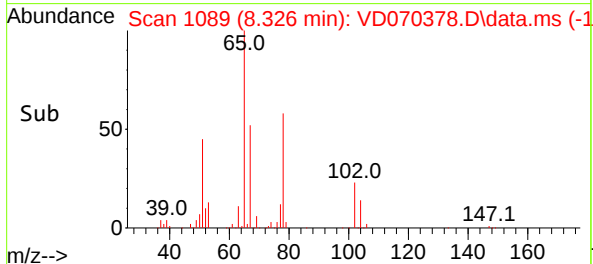
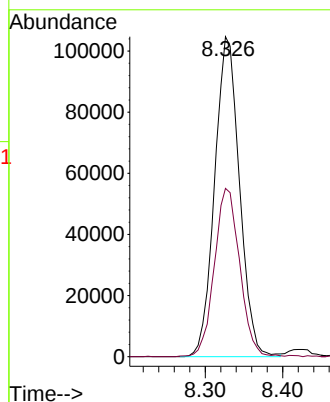
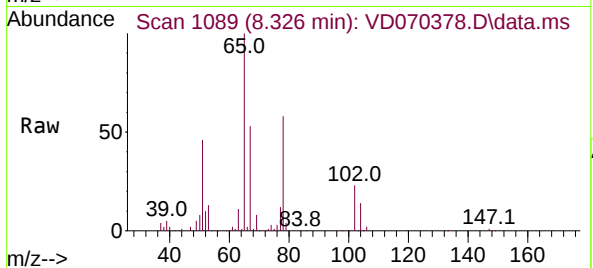




#33  
1,2-Dichloroethane-d4  
Concen: 50.371 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

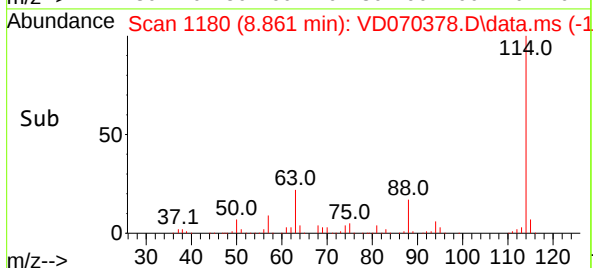
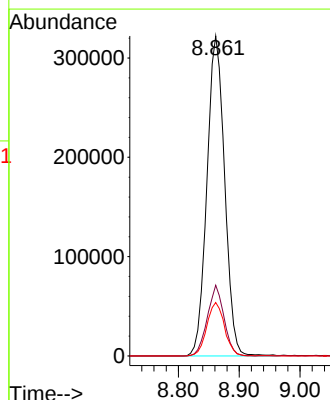
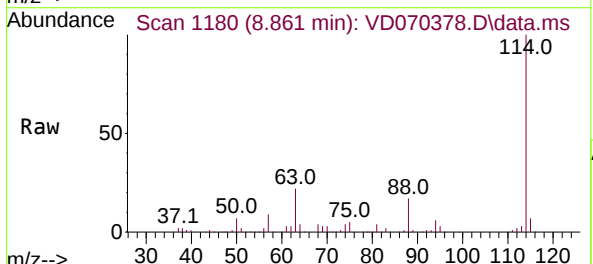
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

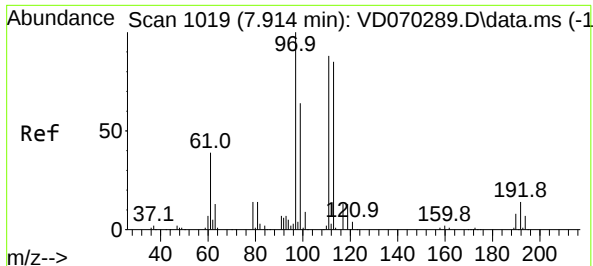
Tgt Ion: 65 Resp: 233068  
Ion Ratio Lower Upper  
65 100  
67 53.6 0.0 111.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 114 Resp: 651375  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 43.4  
88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.274 ug/l

RT: 7.908 min Scan# 1018

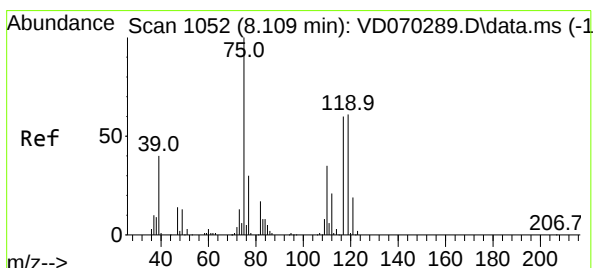
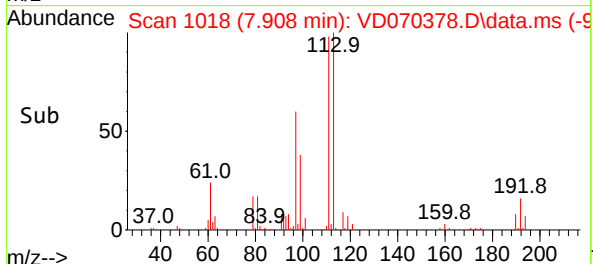
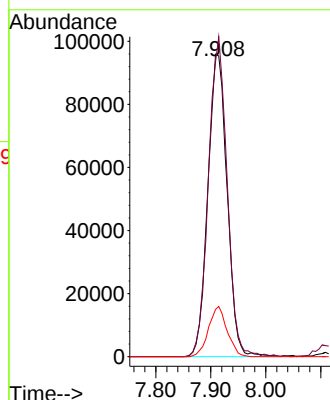
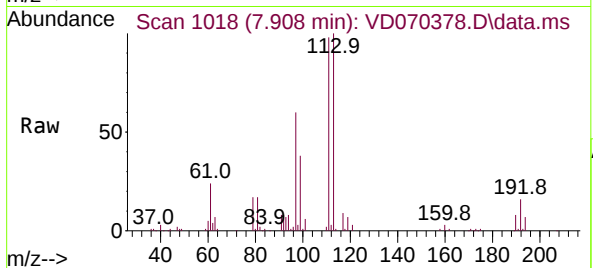
Delta R.T. -0.006 min

Lab File: VD070378.D

Acq: 20 Sep 2021 12:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 233098 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 103.4 | 81.4  | 122.2  |
| 192      | 16.0  | 13.0  | 19.6   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01



#36

1,1-Dichloropropene

Concen: 19.393 ug/l

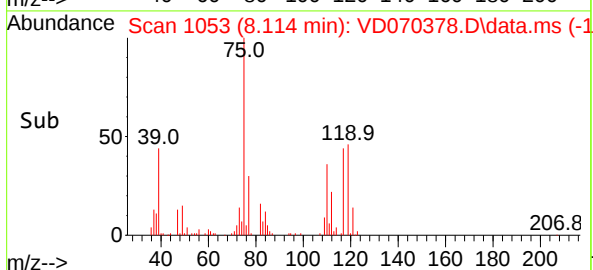
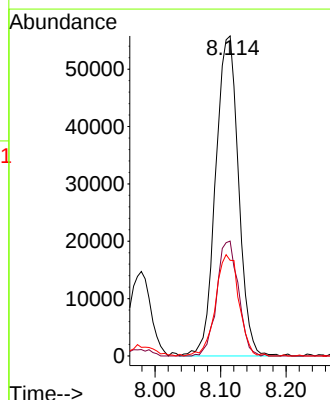
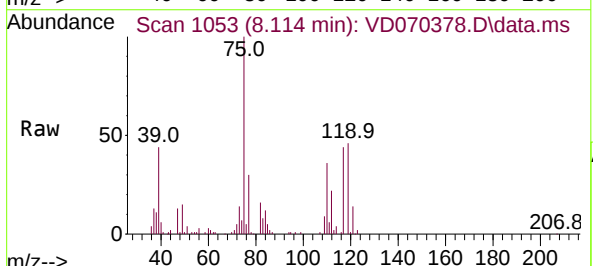
RT: 8.114 min Scan# 1053

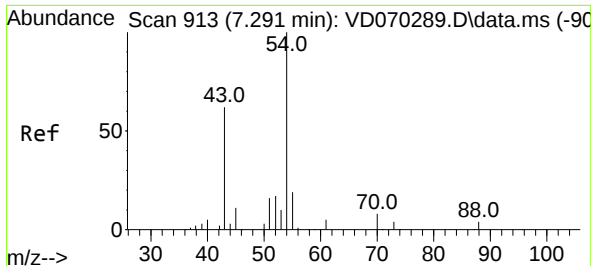
Delta R.T. 0.006 min

Lab File: VD070378.D

Acq: 20 Sep 2021 12:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 135018 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 34.1  | 17.9  | 53.7   |
| 77       | 32.4  | 25.3  | 37.9   |





#37

Ethyl Acetate

Concen: 18.403 ug/l

RT: 7.291 min Scan# 913

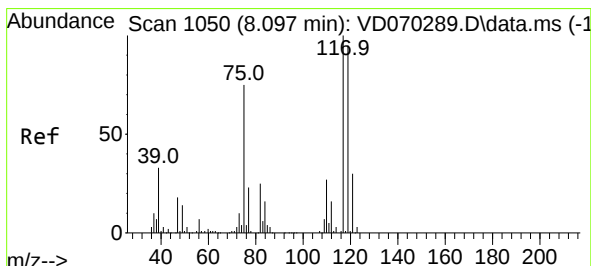
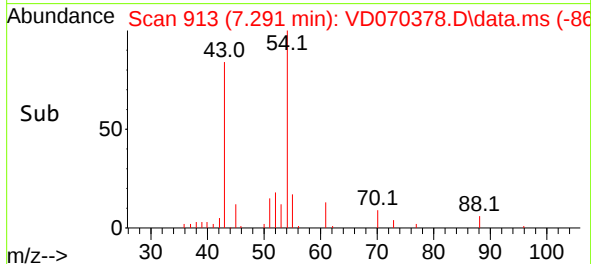
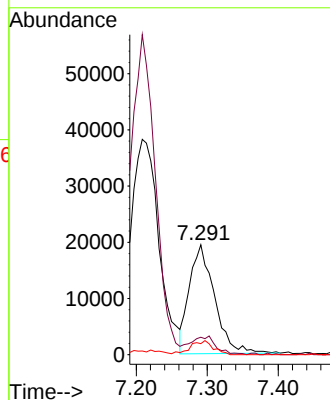
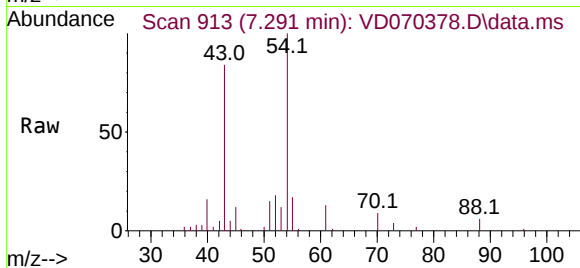
Delta R.T. -0.000 min

Lab File: VD070378.D

Acq: 20 Sep 2021 12:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 47913 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 16.2  | 13.0  | 19.6  |
| 70        | 11.6  | 9.8   | 14.6  |



#38

Carbon Tetrachloride

Concen: 20.059 ug/l

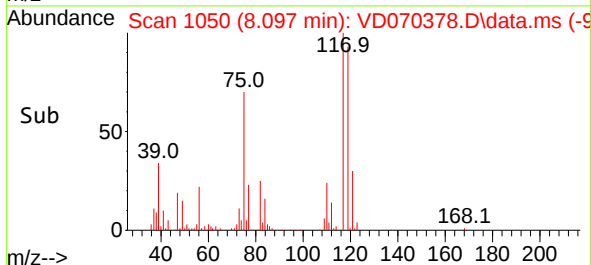
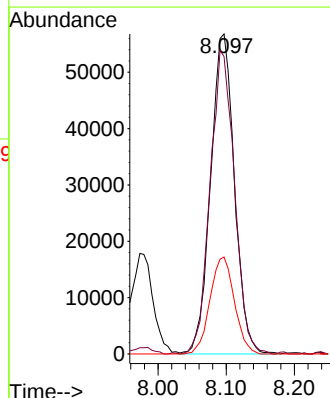
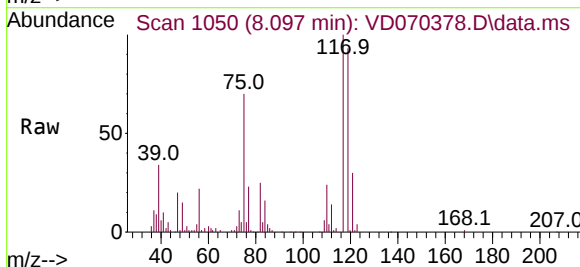
RT: 8.097 min Scan# 1050

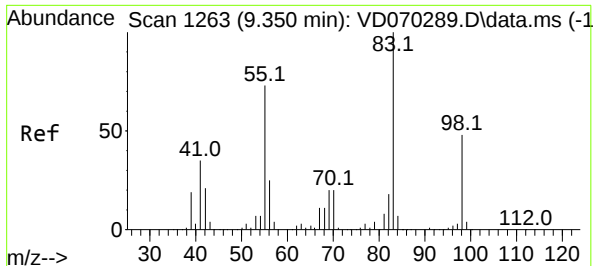
Delta R.T. -0.000 min

Lab File: VD070378.D

Acq: 20 Sep 2021 12:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 138119 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 93.0  | 76.1  | 114.1  |
| 121       | 30.3  | 23.8  | 35.6   |





#39

Methylcyclohexane

Concen: 18.909 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VD070378.D

Acq: 20 Sep 2021 12:26

Tgt Ion: 83 Resp: 147074

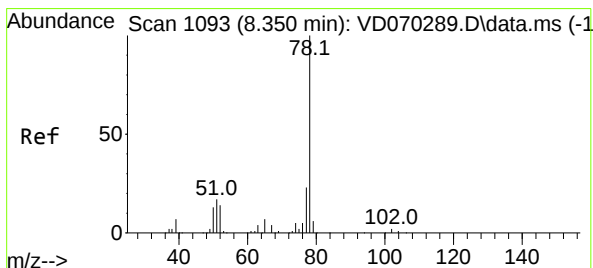
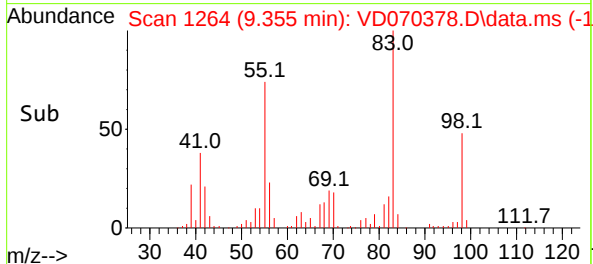
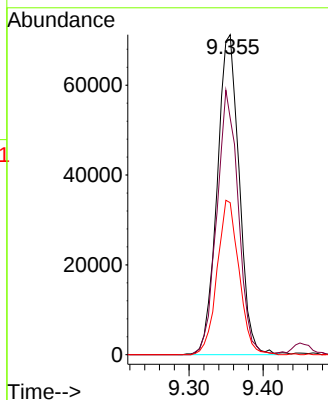
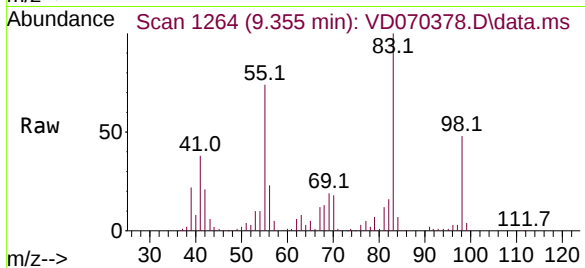
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 73.9  | 58.5  | 87.7  |
| 98  | 47.5  | 38.4  | 57.6  |

Instrument :

MSVOA\_D

ClientSampleId :

VD0920SBSD01



#40

Benzene

Concen: 19.739 ug/l

RT: 8.350 min Scan# 1093

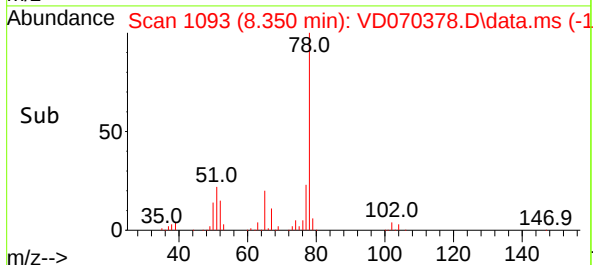
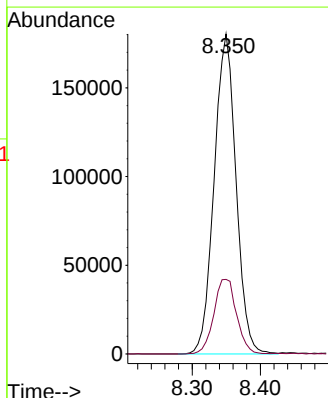
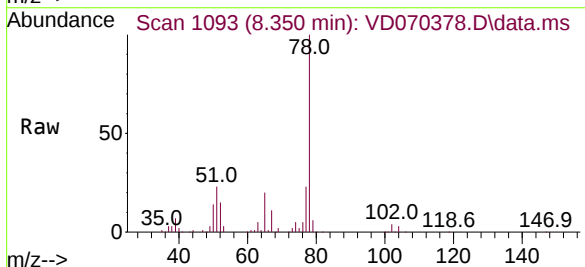
Delta R.T. -0.000 min

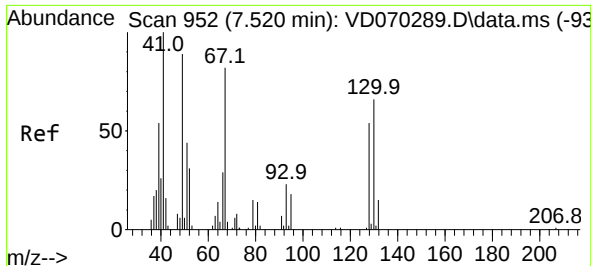
Lab File: VD070378.D

Acq: 20 Sep 2021 12:26

Tgt Ion: 78 Resp: 402735

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.3  | 18.4  | 27.6  |

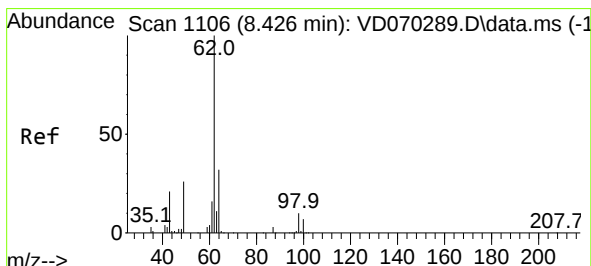
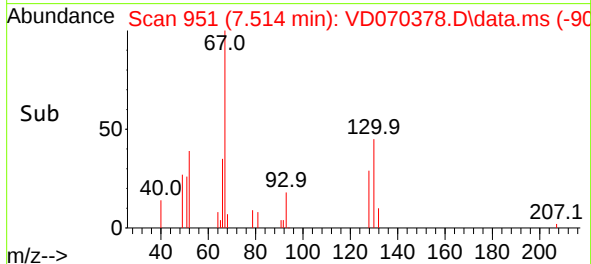
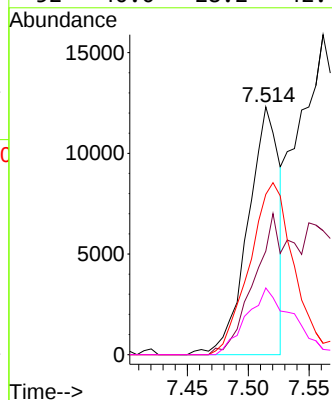
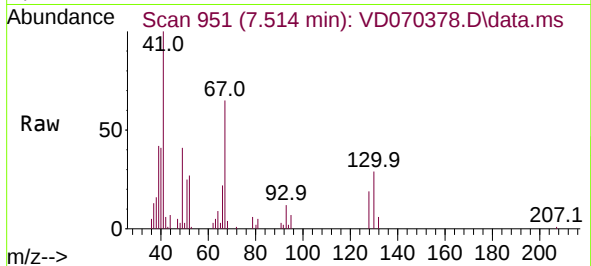




#41  
Methacrylonitrile  
Concen: 16.059 ug/l  
RT: 7.514 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

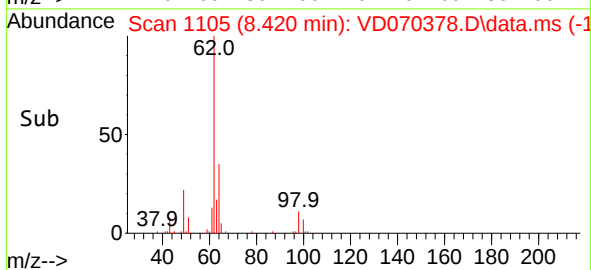
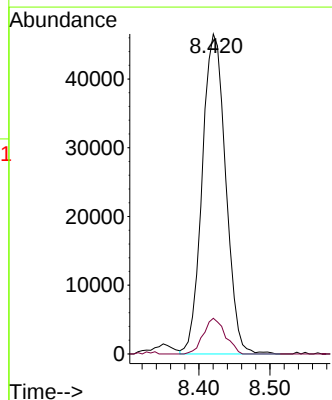
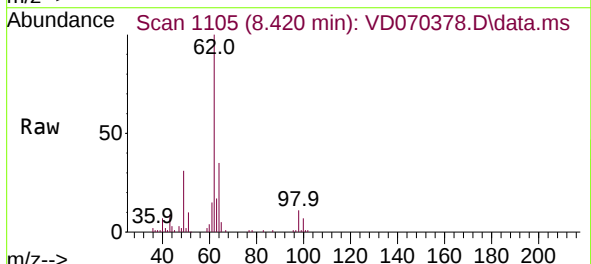
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

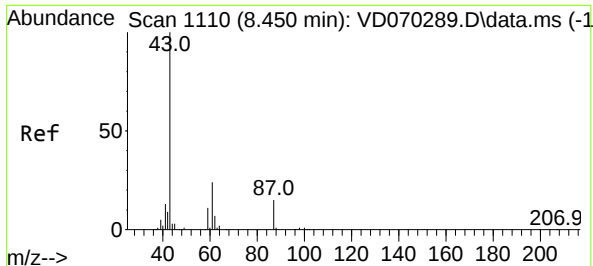
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 21997 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 66.3  | 45.7  | 68.5  |
| 67       | 99.5  | 74.0  | 111.0 |
| 52       | 40.0  | 28.2  | 42.4  |



#42  
1,2-Dichloroethane  
Concen: 19.652 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 107389 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.3  | 0.0   | 22.4   |



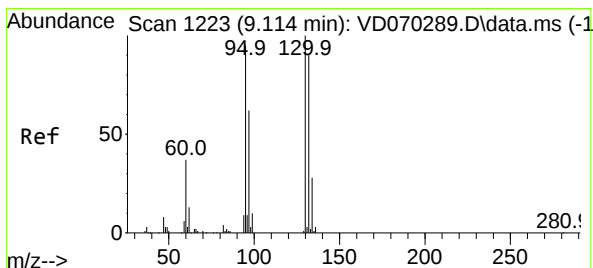
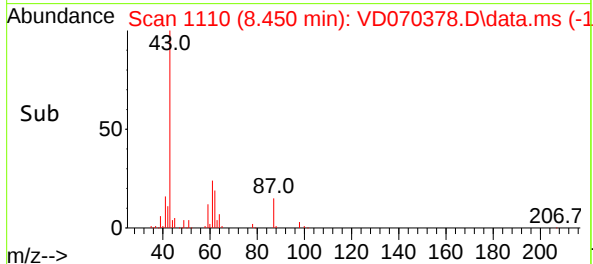
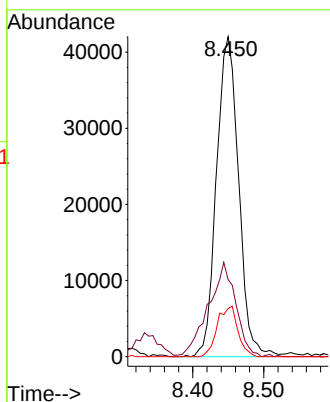
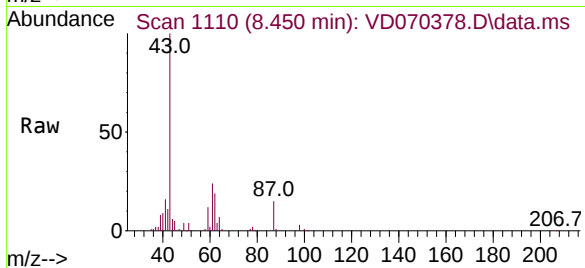


#43

Isopropyl Acetate  
Concen: 18.891 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

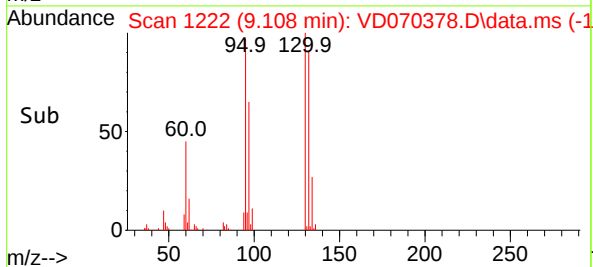
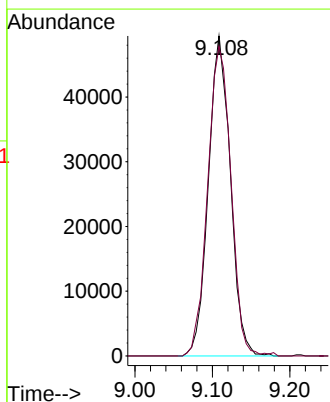
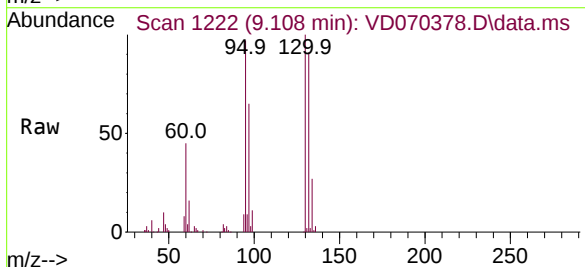
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 90938 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 35.4  | 29.0  | 43.6  |
| 87       | 14.7  | 12.8  | 19.2  |

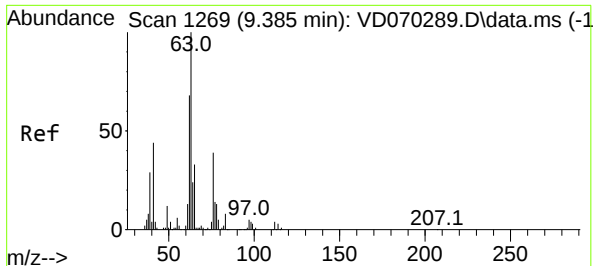


#44

Trichloroethene  
Concen: 20.015 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 97599 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 96.7  | 0.0   | 190.0 |



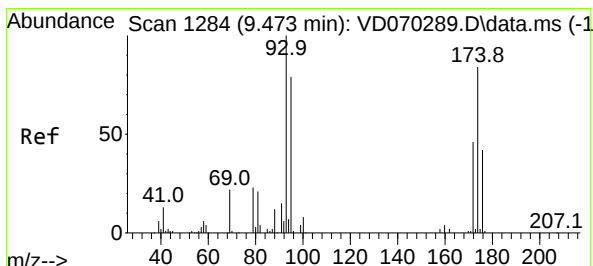
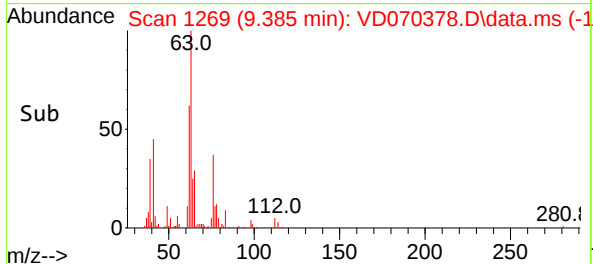
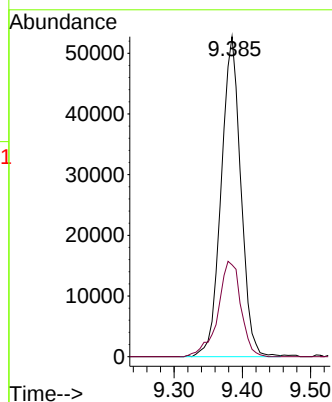
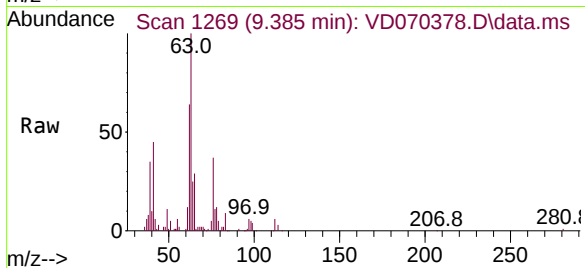


#45

1,2-Dichloropropane  
Concen: 19.755 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

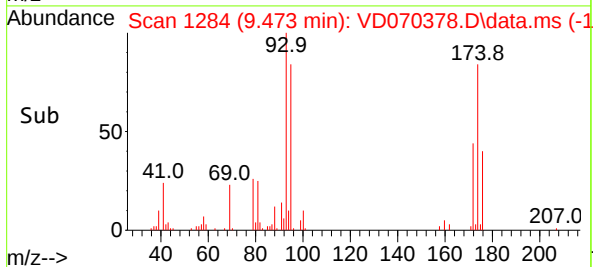
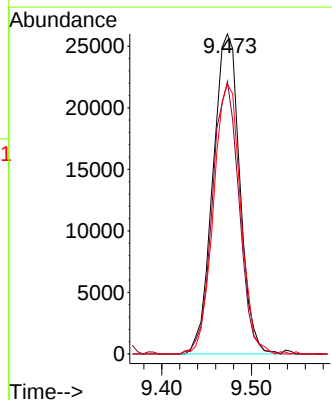
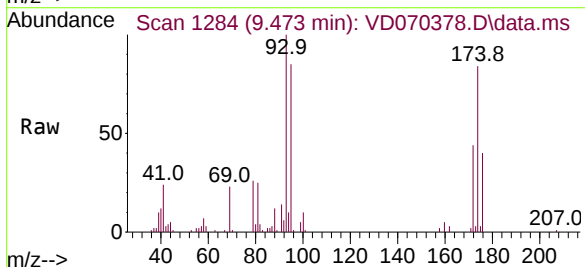
Tgt Ion: 63 Resp: 105750  
Ion Ratio Lower Upper  
63 100  
65 28.7 26.2 39.2

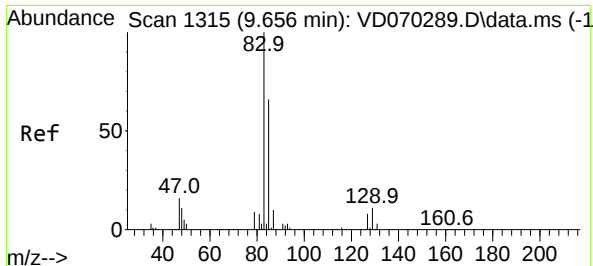


#46

Dibromomethane  
Concen: 19.567 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 93 Resp: 53937  
Ion Ratio Lower Upper  
93 100  
95 84.2 67.3 100.9  
174 85.1 69.2 103.8

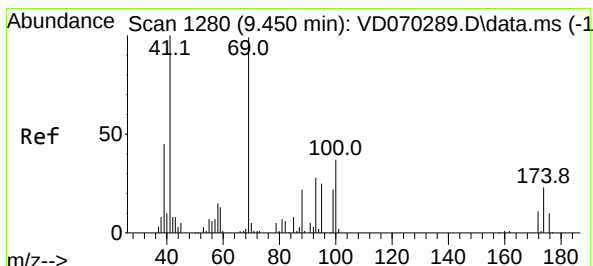
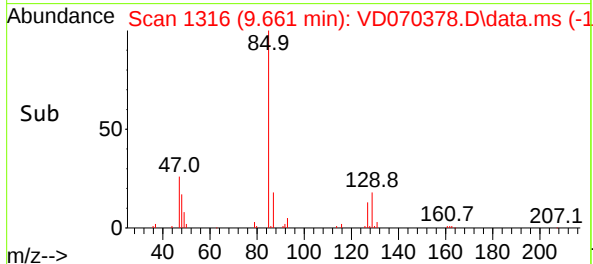
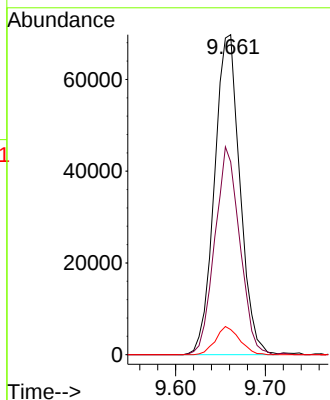
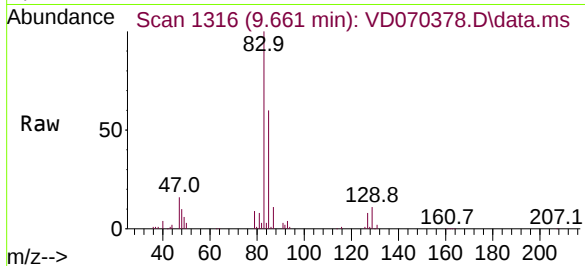




#47  
Bromodichloromethane  
Concen: 19.568 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. 0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

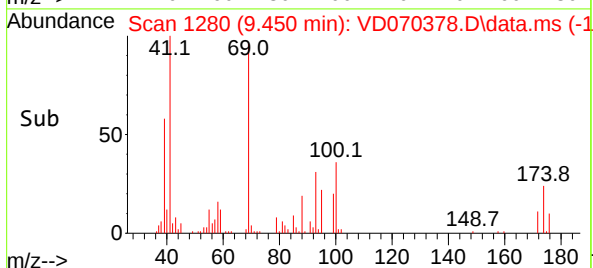
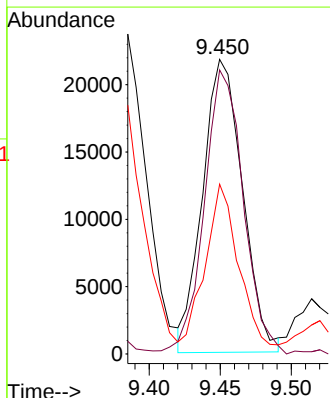
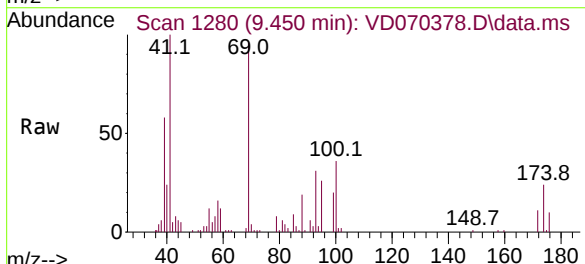
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

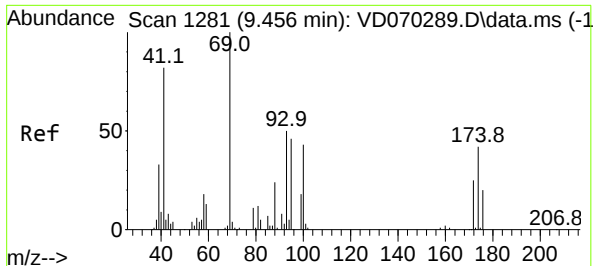
Tgt Ion: 83 Resp: 137612  
Ion Ratio Lower Upper  
83 100  
85 60.2 53.0 79.6  
127 7.9 6.3 9.5



#48  
Methyl methacrylate  
Concen: 19.177 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 41 Resp: 42622  
Ion Ratio Lower Upper  
41 100  
69 93.3 79.8 119.8  
39 50.7 34.4 51.6

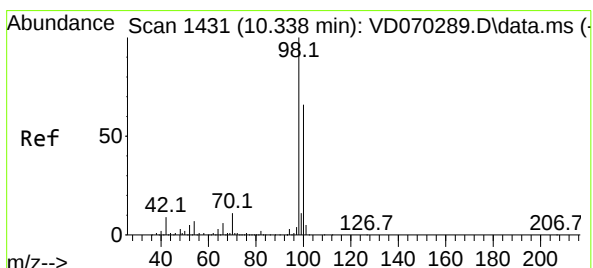
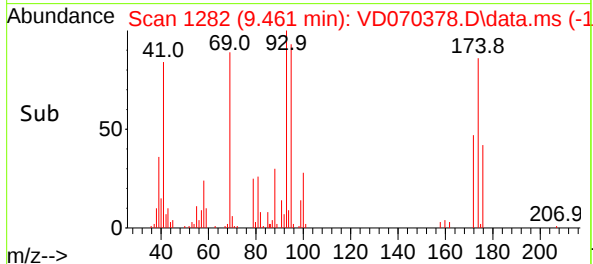
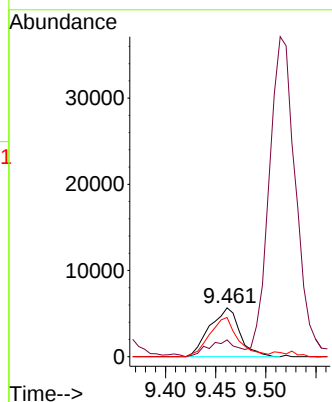
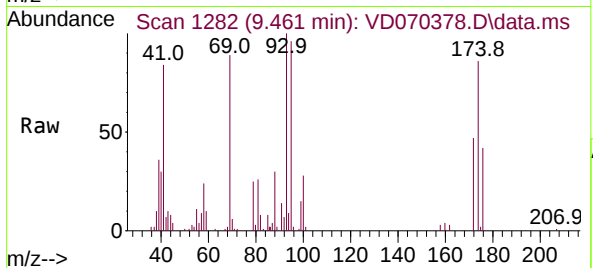




#49  
1,4-Dioxane  
Concen: 426.777 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

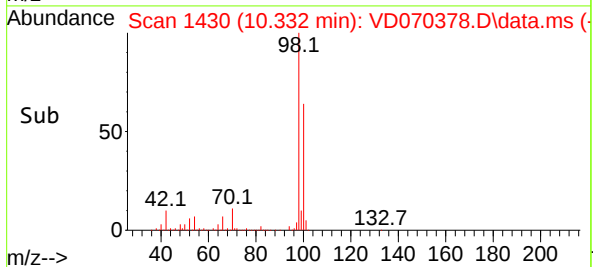
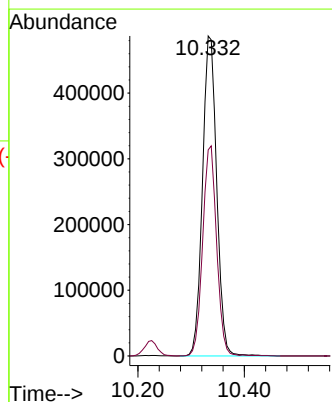
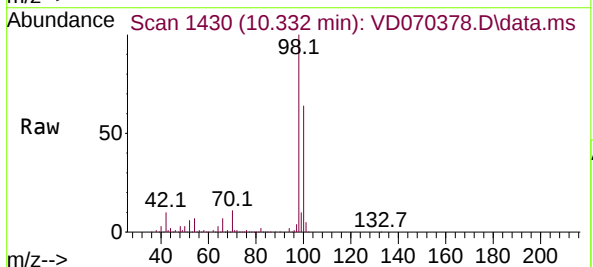
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

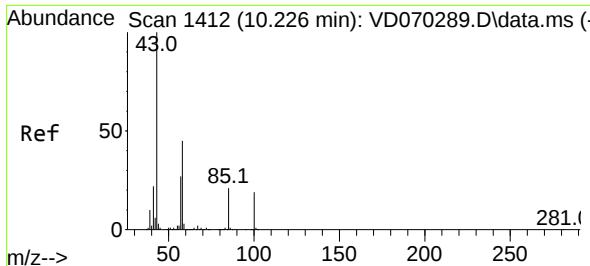
Tgt Ion: 88 Resp: 11783  
Ion Ratio Lower Upper  
88 100  
43 32.8 22.4 33.6  
58 75.9 54.2 81.4



#50  
Toluene-d8  
Concen: 53.534 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 98 Resp: 901204  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.0 78.0

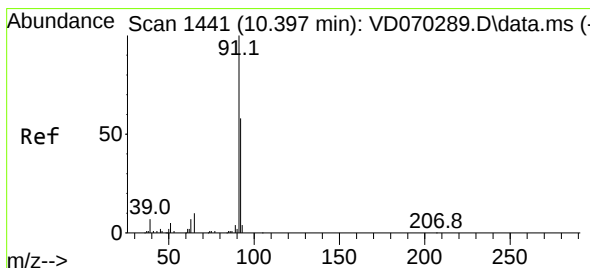
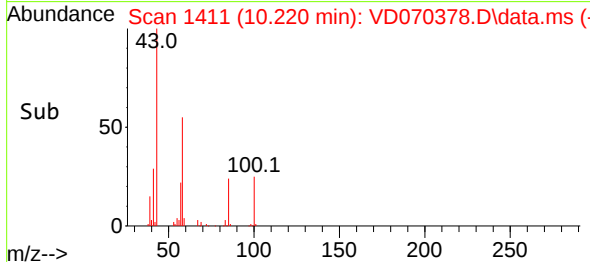
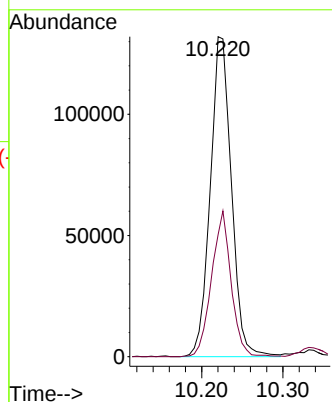
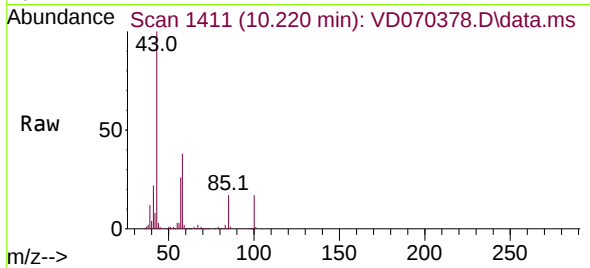




#51  
4-Methyl-2-Pentanone  
Concen: 95.988 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

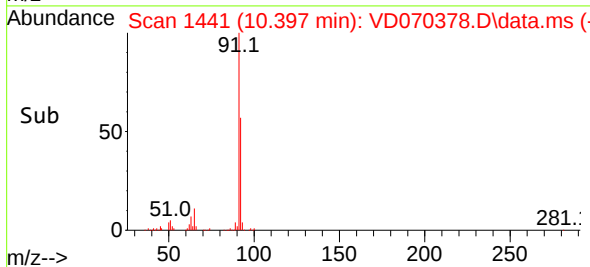
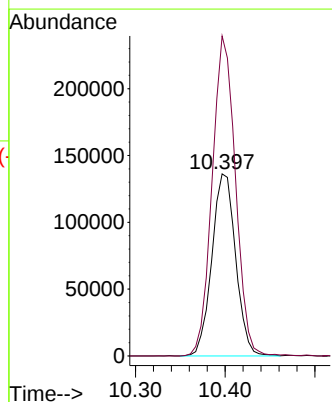
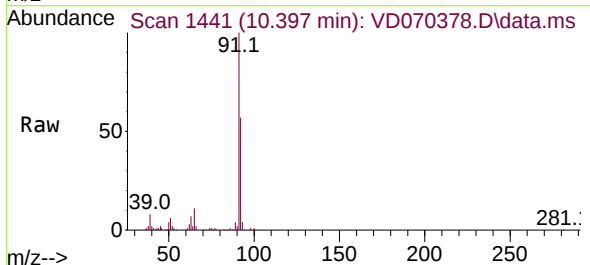
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

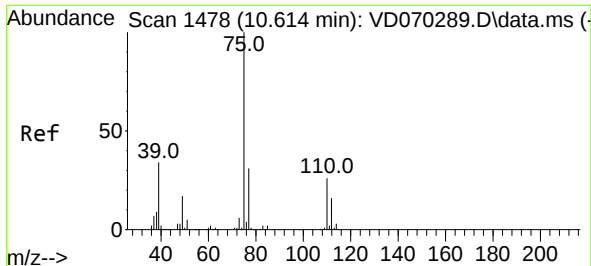
Tgt Ion: 43 Resp: 239103  
Ion Ratio Lower Upper  
43 100  
58 42.1 35.4 53.2



#52  
Toluene  
Concen: 20.366 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 92 Resp: 251079  
Ion Ratio Lower Upper  
92 100  
91 172.2 136.2 204.2

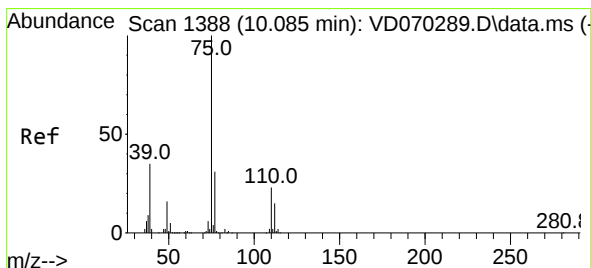
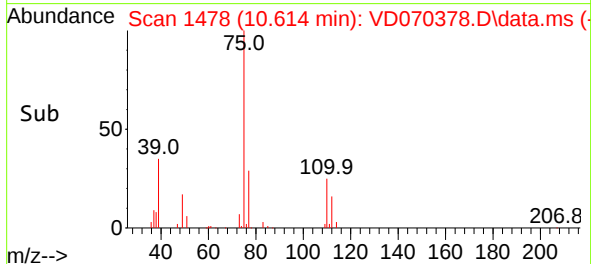
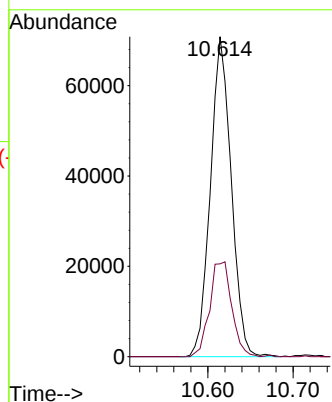
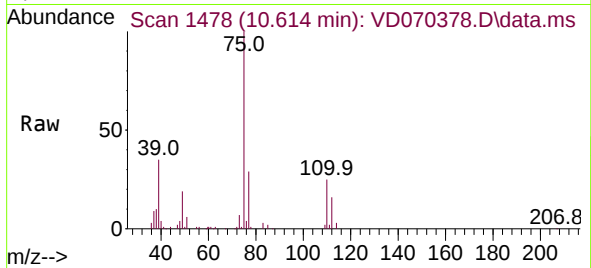




#53  
 t-1,3-Dichloropropene  
 Concen: 19.906 ug/l  
 RT: 10.614 min Scan# 1478  
 Delta R.T. -0.000 min  
 Lab File: VD070378.D  
 Acq: 20 Sep 2021 12:26

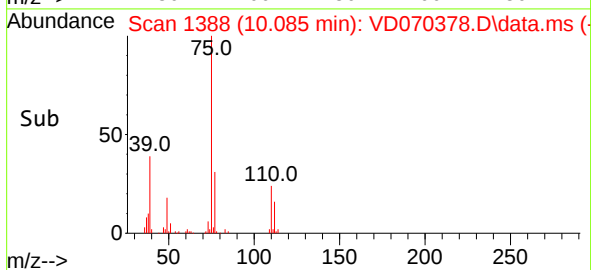
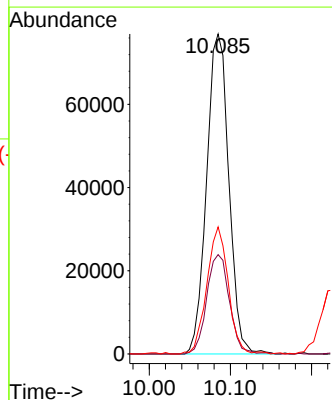
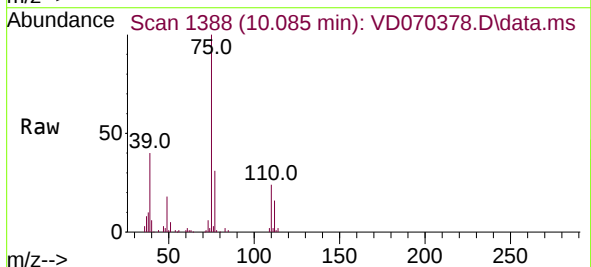
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0920SBS01

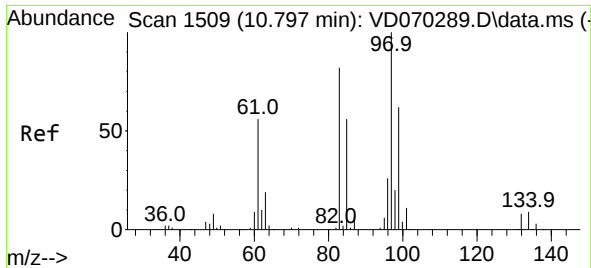
Tgt Ion: 75 Resp: 120417  
 Ion Ratio Lower Upper  
 75 100  
 77 29.0 24.6 37.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.884 ug/l  
 RT: 10.085 min Scan# 1388  
 Delta R.T. -0.000 min  
 Lab File: VD070378.D  
 Acq: 20 Sep 2021 12:26

Tgt Ion: 75 Resp: 146389  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 24.8 37.2  
 39 39.7 27.8 41.6

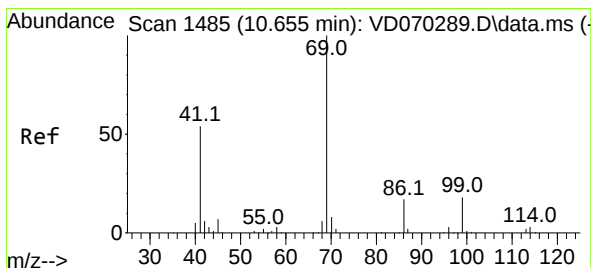
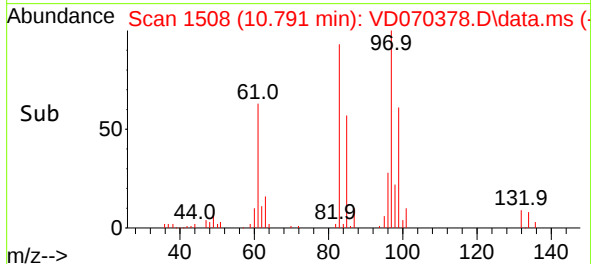
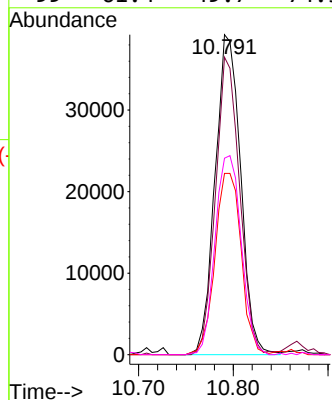
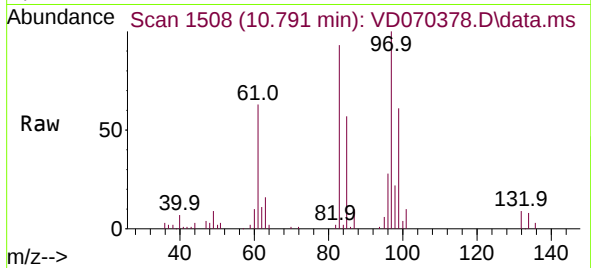




#55  
1,1,2-Trichloroethane  
Concen: 19.395 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

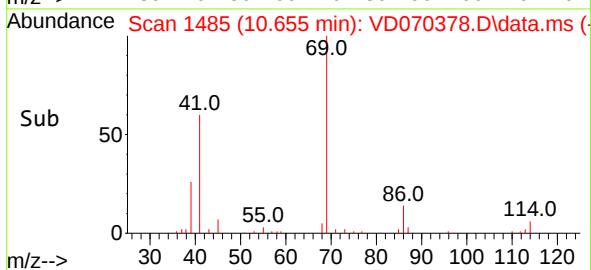
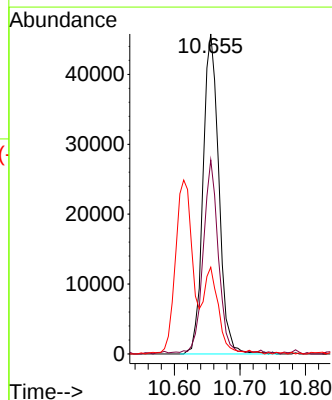
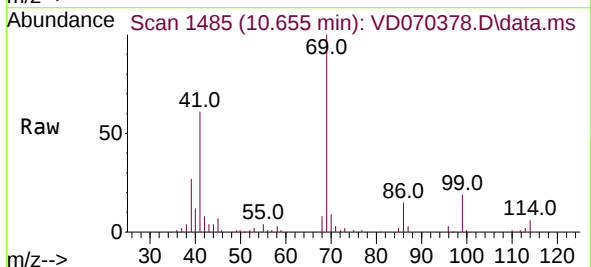
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

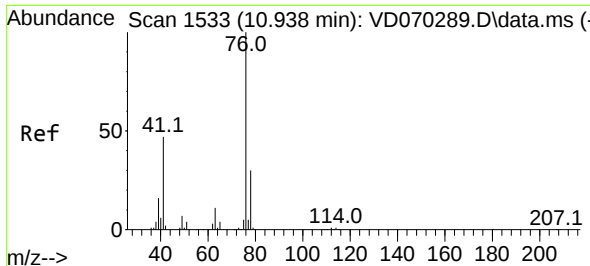
| Tgt Ion: | 97    | Resp: | 73546 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 93.0  | 65.3  | 97.9  |
| 85       | 56.6  | 44.8  | 67.2  |
| 99       | 61.4  | 49.7  | 74.5  |



#56  
Ethyl methacrylate  
Concen: 18.597 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

| Tgt Ion: | 69    | Resp: | 76987 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 56.6  | 43.6  | 65.4  |
| 39       | 23.8  | 18.6  | 28.0  |

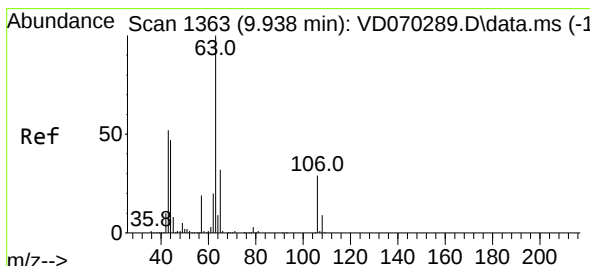
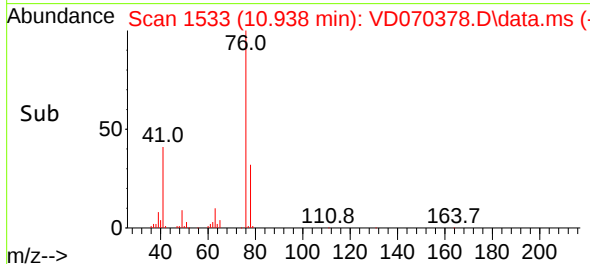
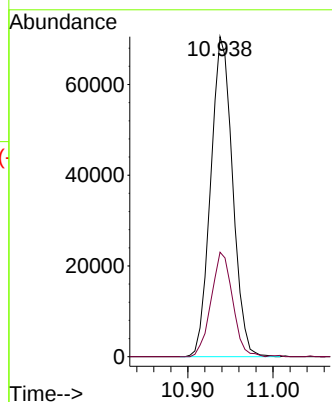
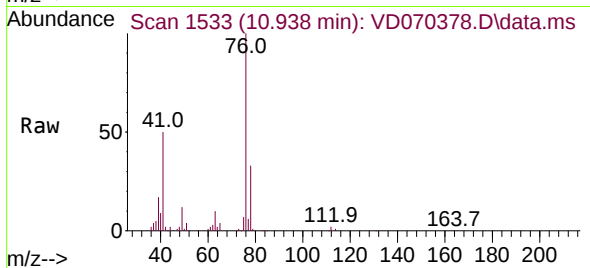




#57  
1,3-Dichloropropane  
Concen: 19.554 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

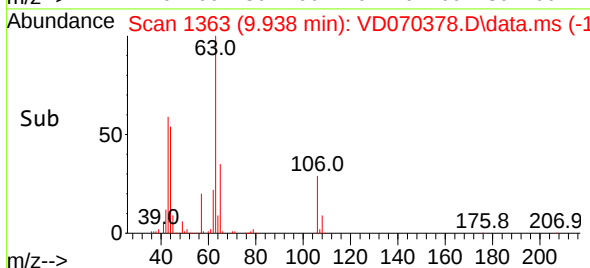
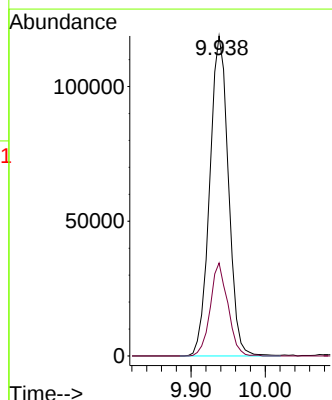
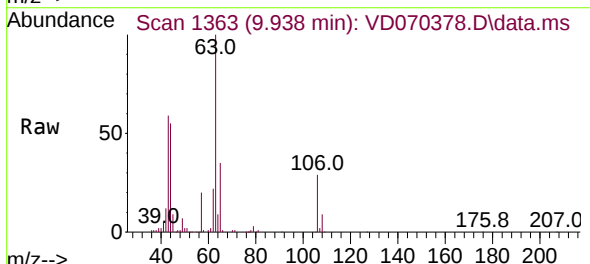
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

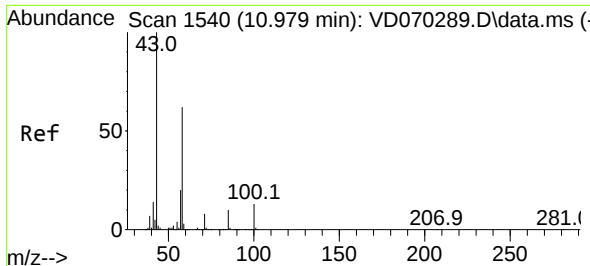
Tgt Ion: 76 Resp: 126240  
Ion Ratio Lower Upper  
76 100  
78 32.0 25.8 38.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 104.320 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 63 Resp: 208143  
Ion Ratio Lower Upper  
63 100  
106 27.3 22.3 33.5

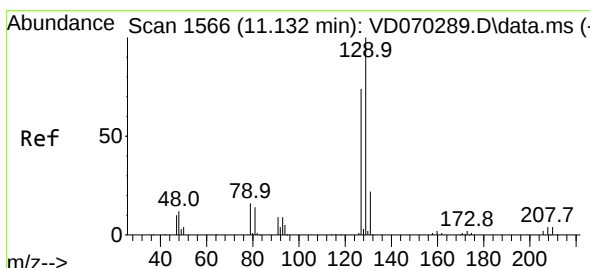
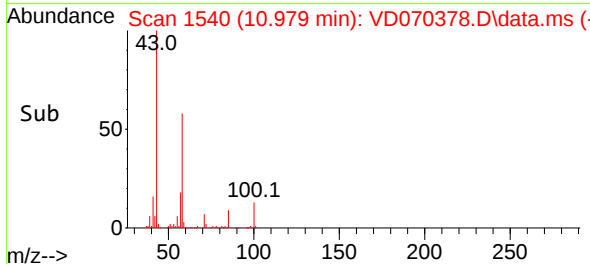
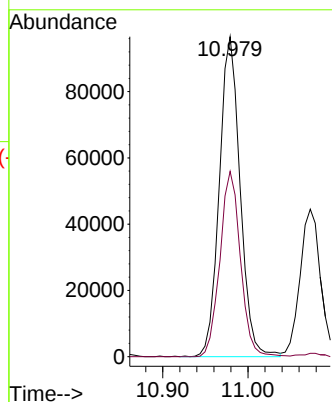
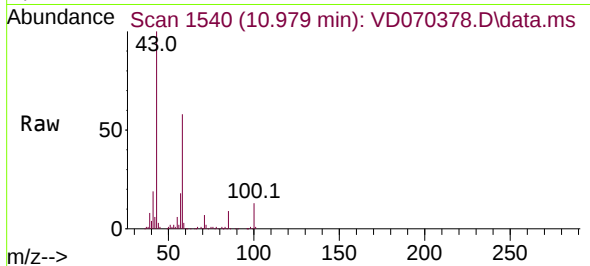




#59  
2-Hexanone  
Concen: 98.621 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

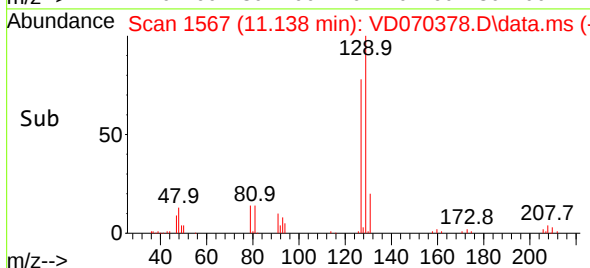
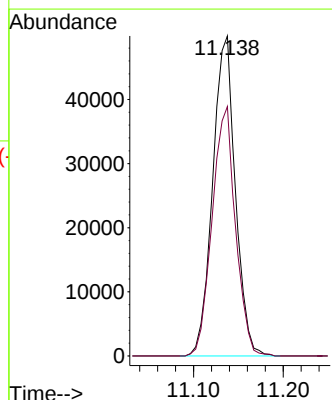
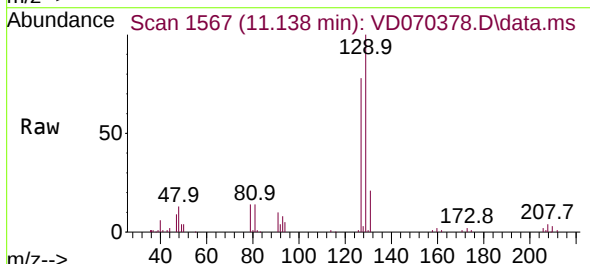
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

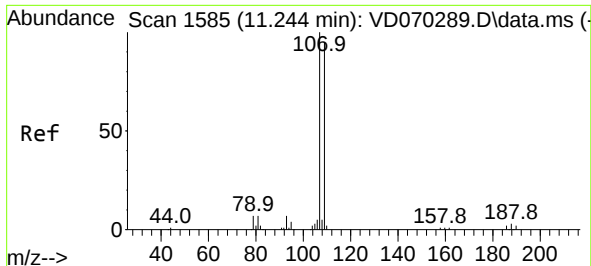
Tgt Ion: 43 Resp: 163904  
Ion Ratio Lower Upper  
43 100  
58 57.0 30.6 91.6



#60  
Dibromochloromethane  
Concen: 19.840 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 129 Resp: 87556  
Ion Ratio Lower Upper  
129 100  
127 80.2 38.0 114.0

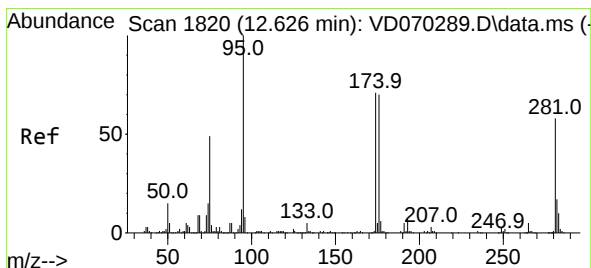
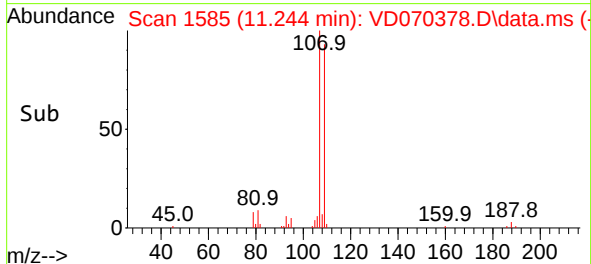
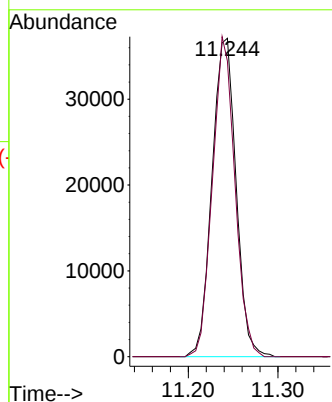
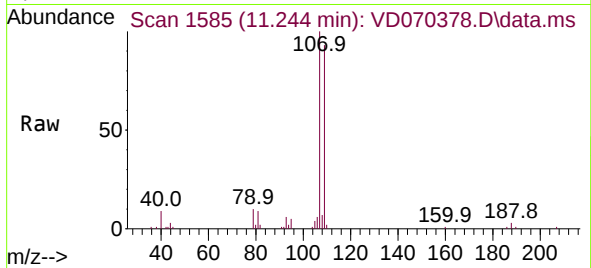




#61  
1,2-Dibromoethane  
Concen: 19.754 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

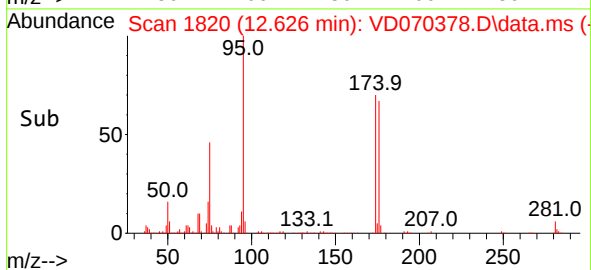
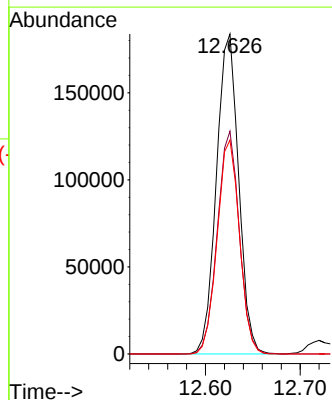
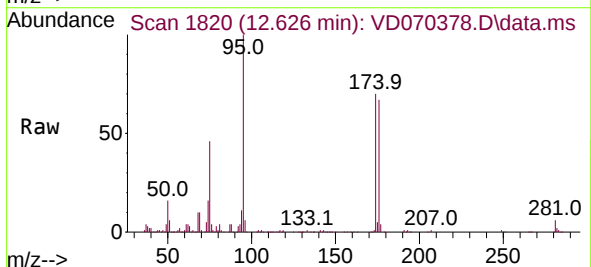
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

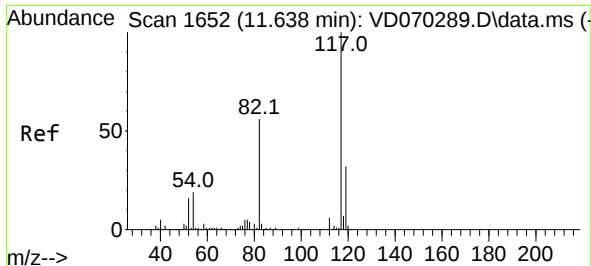
Tgt Ion:107 Resp: 68891  
Ion Ratio Lower Upper  
107 100  
109 93.9 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 50.969 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 95 Resp: 299866  
Ion Ratio Lower Upper  
95 100  
174 69.0 0.0 140.6  
176 66.9 0.0 137.4

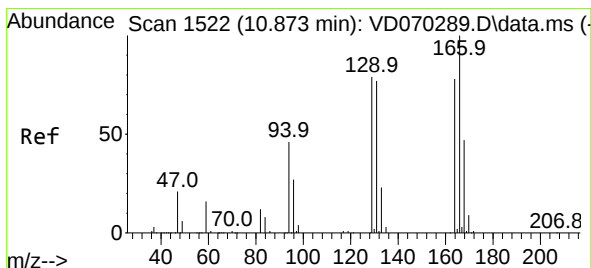
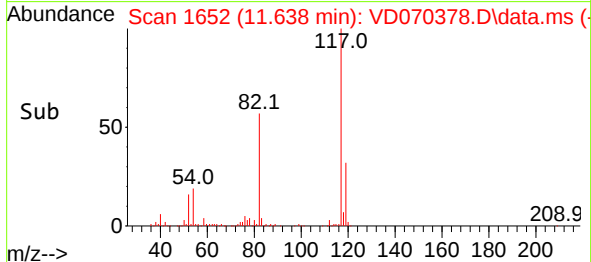
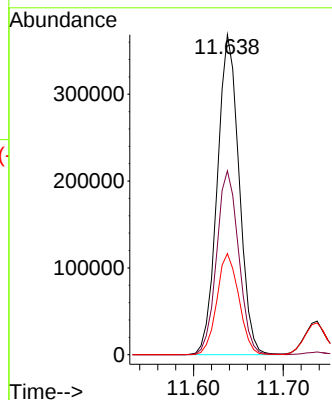
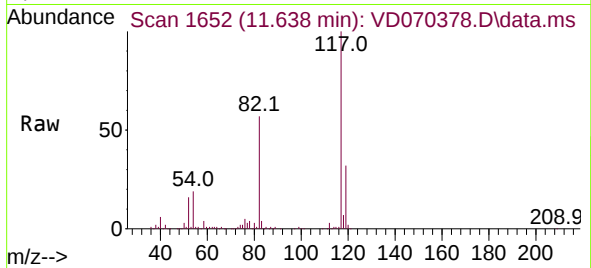




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

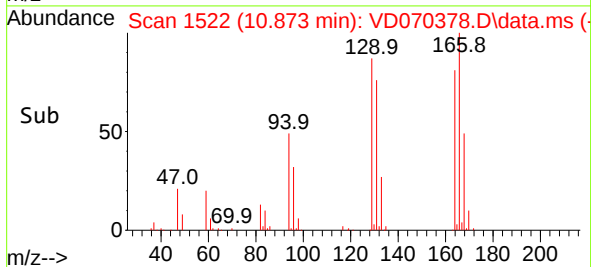
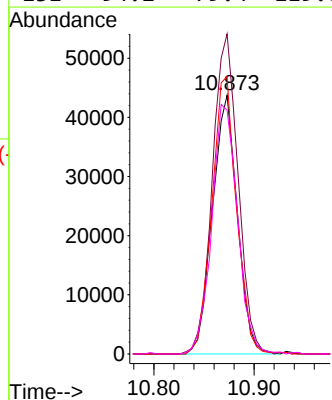
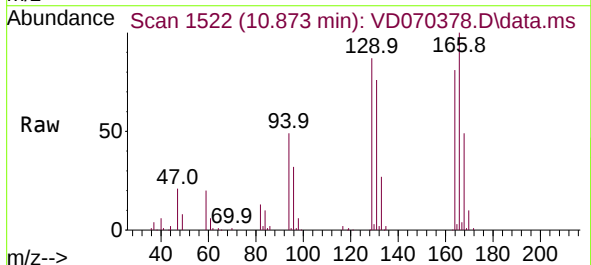
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

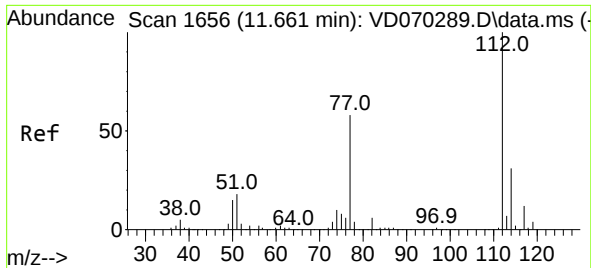
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 621948 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.4  | 45.0  | 67.4   |
| 119      | 31.6  | 25.2  | 37.8   |



#64  
Tetrachloroethene  
Concen: 19.949 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 75541 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 123.7 | 102.4 | 153.6 |
| 129      | 107.2 | 80.9  | 121.3 |
| 131      | 94.2  | 79.4  | 119.0 |

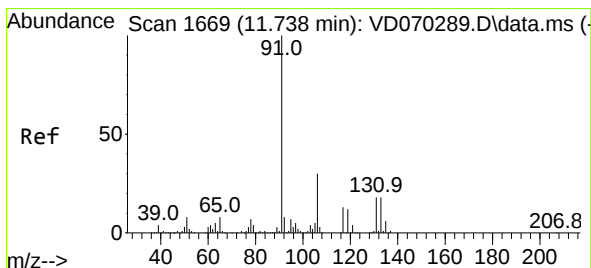
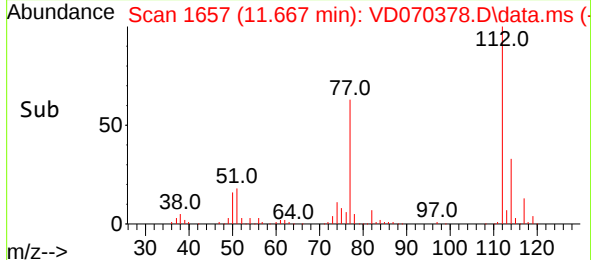
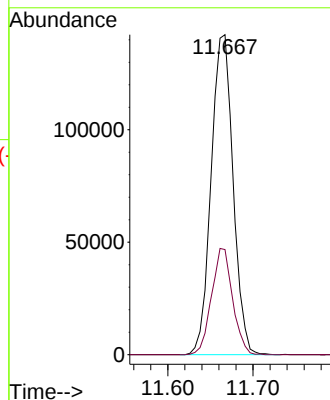
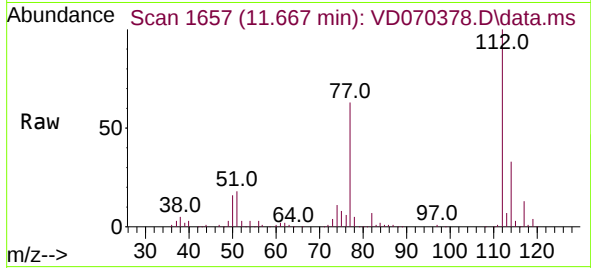




#65  
Chlorobenzene  
Concen: 19.734 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

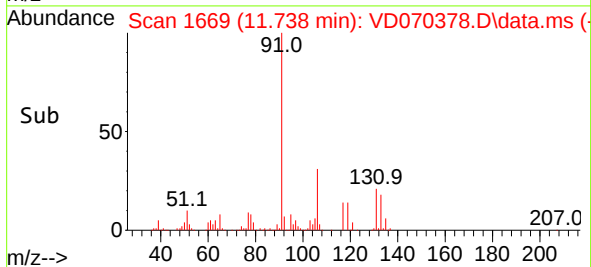
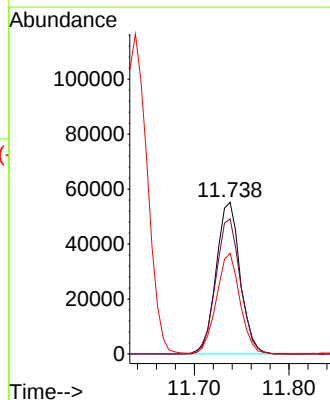
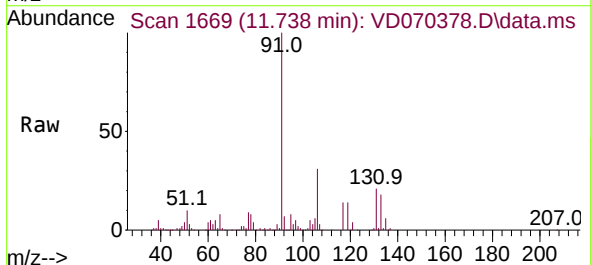
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

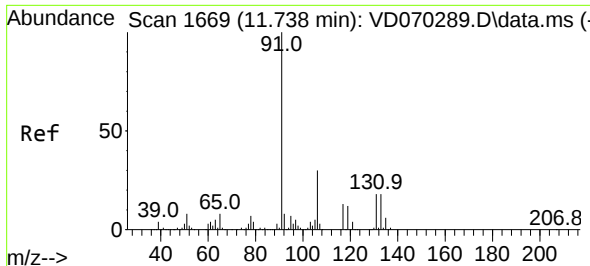
Tgt Ion:112 Resp: 254262  
Ion Ratio Lower Upper  
112 100  
114 32.9 24.7 37.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.523 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion:131 Resp: 96847  
Ion Ratio Lower Upper  
131 100  
133 91.5 48.4 145.2  
119 65.4 33.5 100.5

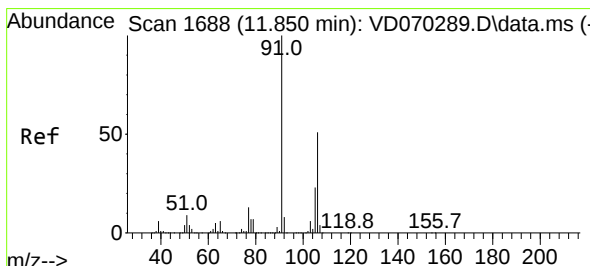
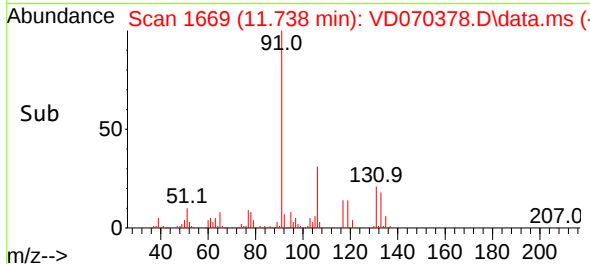
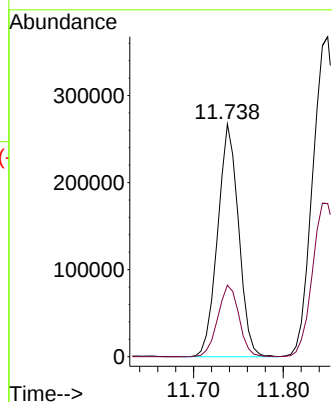
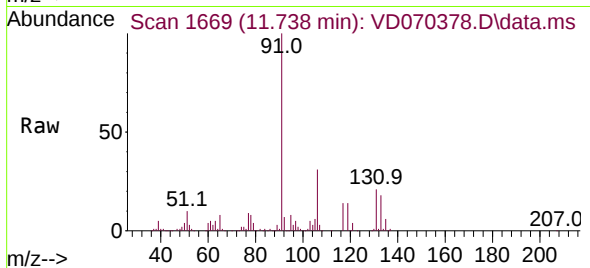




#67  
Ethyl Benzene  
Concen: 19.429 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

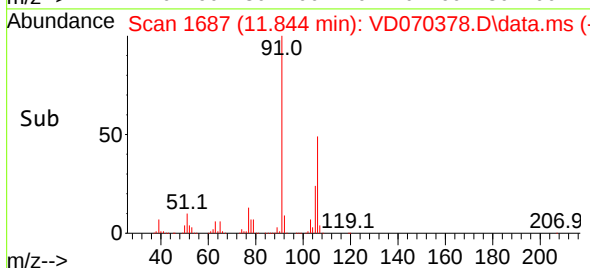
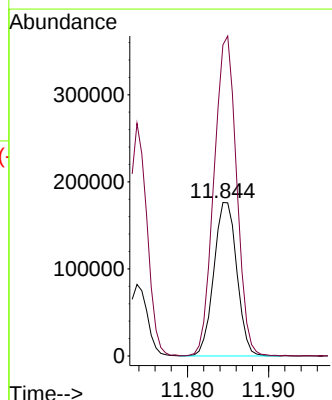
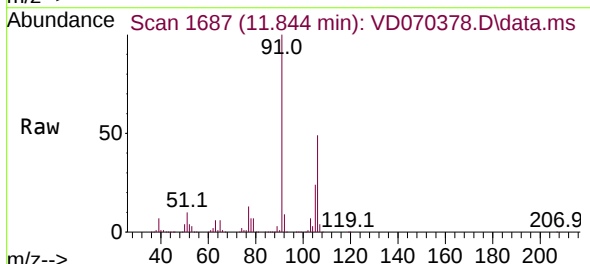
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

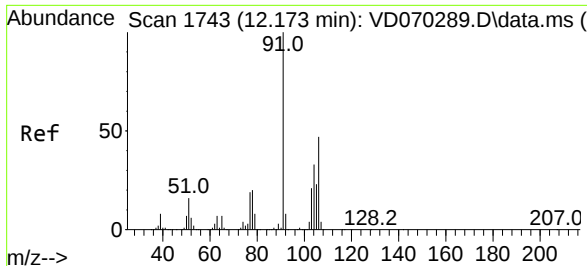
Tgt Ion: 91 Resp: 431739  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.2 36.2



#68  
m/p-Xylenes  
Concen: 40.433 ug/l  
RT: 11.844 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 106 Resp: 346998  
Ion Ratio Lower Upper  
106 100  
91 204.7 161.2 241.8

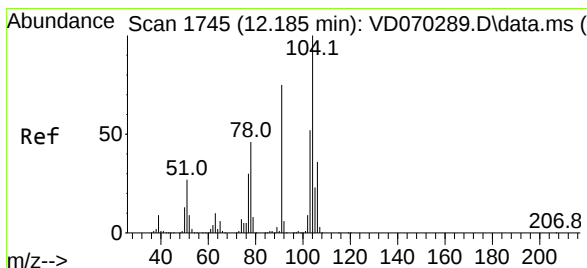
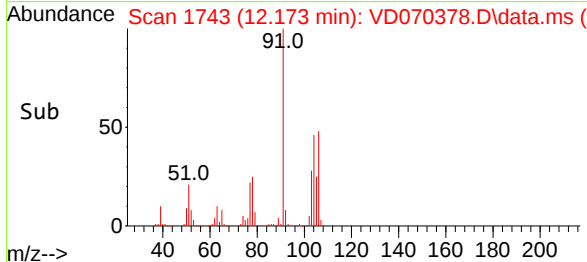
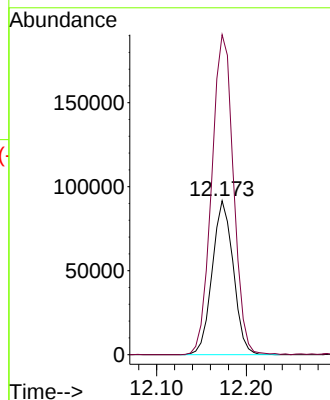
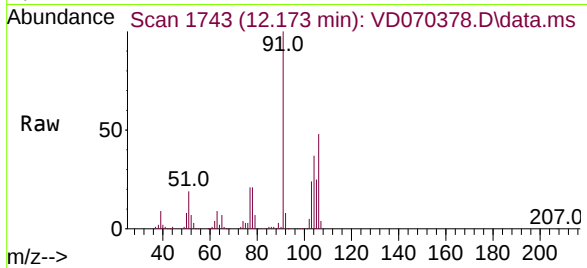




#69  
o-Xylene  
Concen: 19.417 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

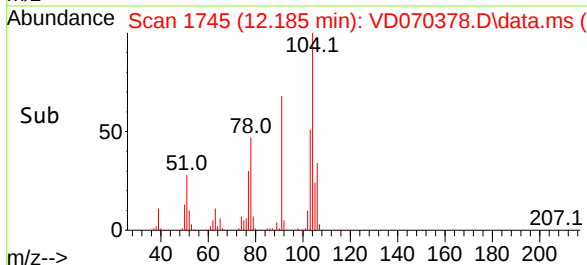
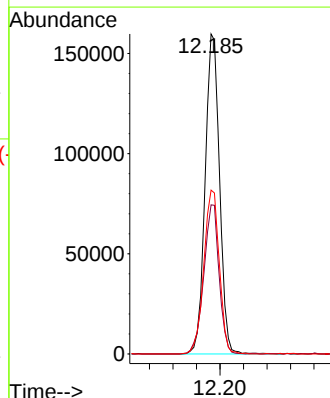
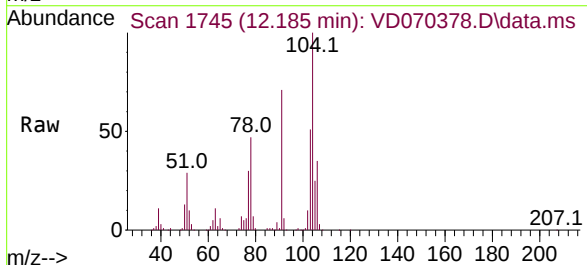
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

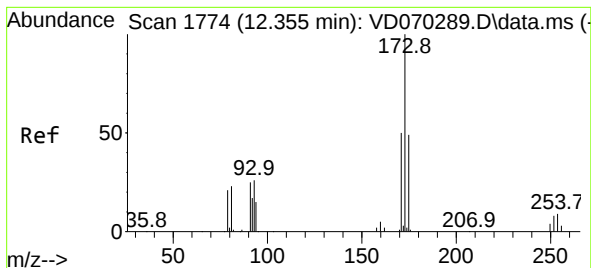
Tgt Ion:106 Resp: 149285  
Ion Ratio Lower Upper  
106 100  
91 215.5 106.3 318.9



#70  
Styrene  
Concen: 20.199 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion:104 Resp: 271285  
Ion Ratio Lower Upper  
104 100  
78 49.5 38.6 57.8  
103 55.1 43.4 65.0

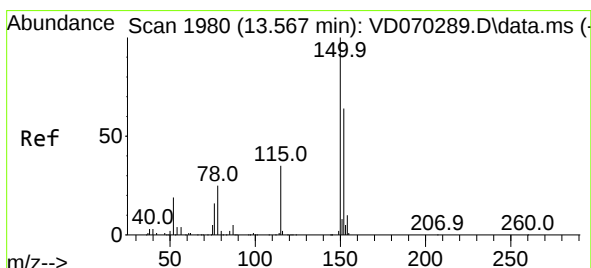
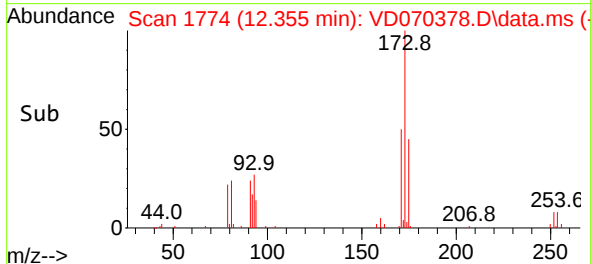
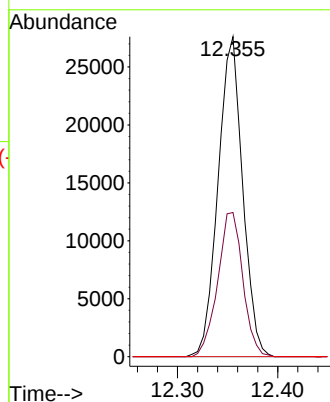
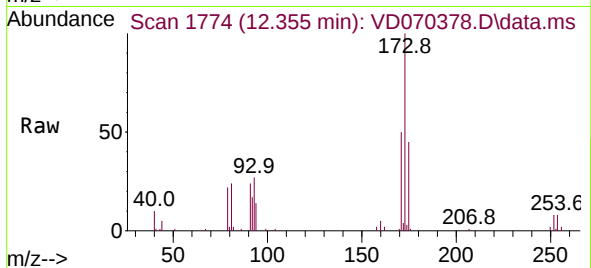




#71  
Bromoform  
Concen: 20.094 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

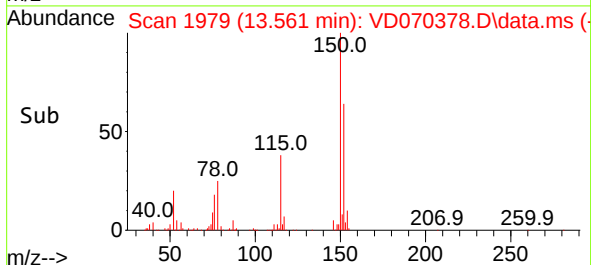
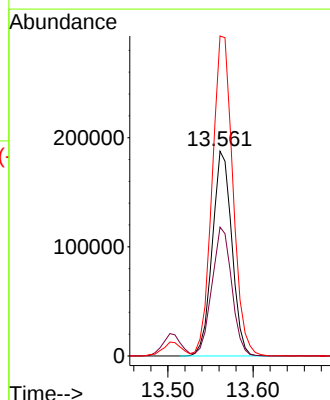
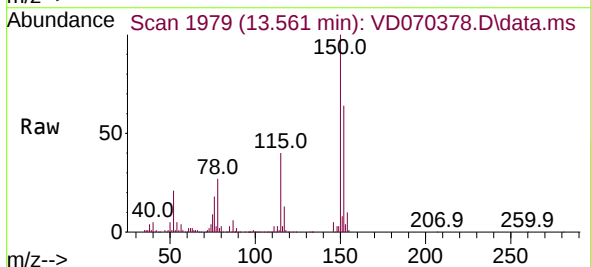
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

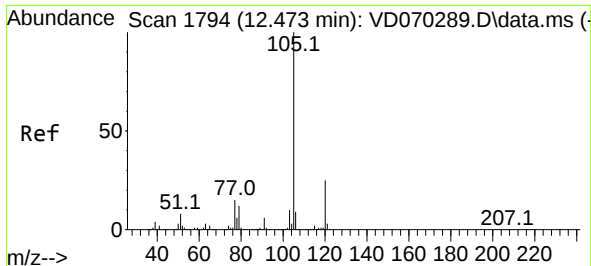
Tgt Ion:173 Resp: 46865  
Ion Ratio Lower Upper  
173 100  
175 46.2 25.1 75.2  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion:152 Resp: 298159  
Ion Ratio Lower Upper  
152 100  
115 64.2 32.1 96.3  
150 165.4 0.0 350.6

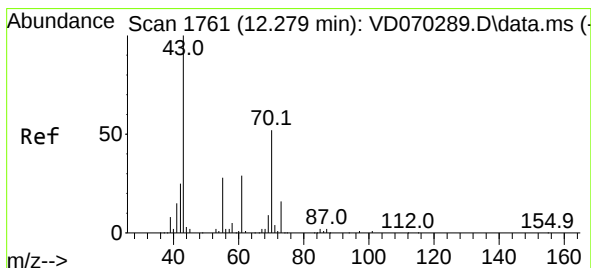
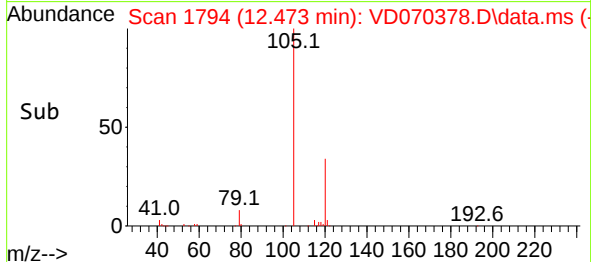
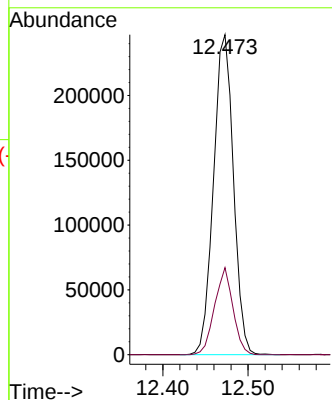
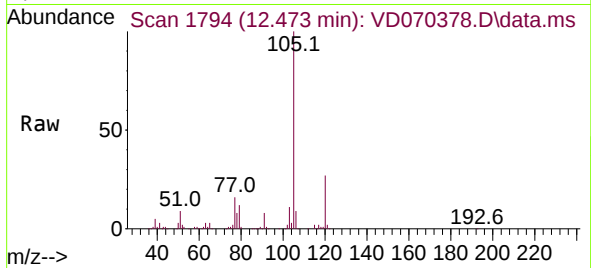




#73  
Isopropylbenzene  
Concen: 19.205 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

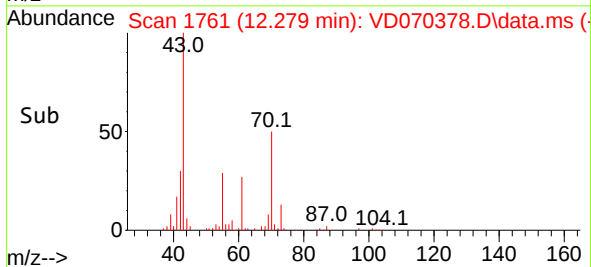
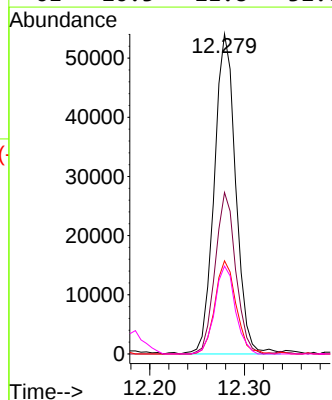
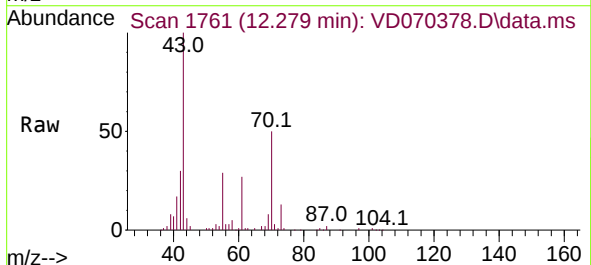
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

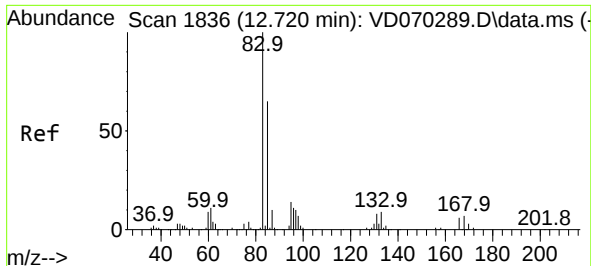
Tgt Ion:105 Resp: 401581  
Ion Ratio Lower Upper  
105 100  
120 25.1 13.0 38.9



#74  
N-ethyl acetate  
Concen: 18.686 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 43 Resp: 85131  
Ion Ratio Lower Upper  
43 100  
70 48.3 41.4 62.0  
55 28.7 22.8 34.2  
61 26.3 21.8 32.6

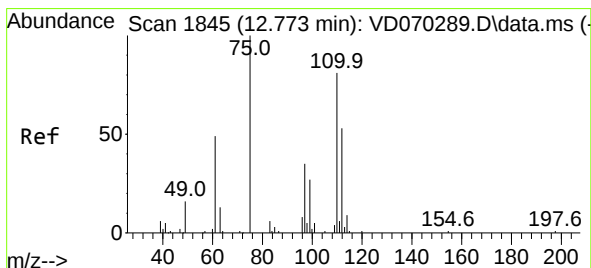
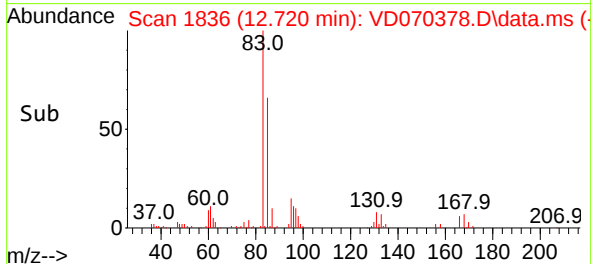
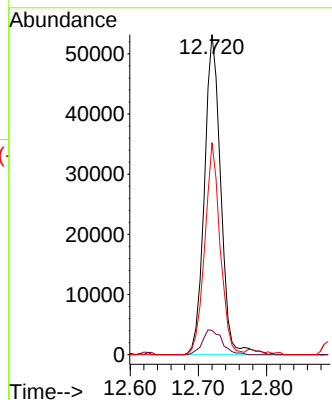
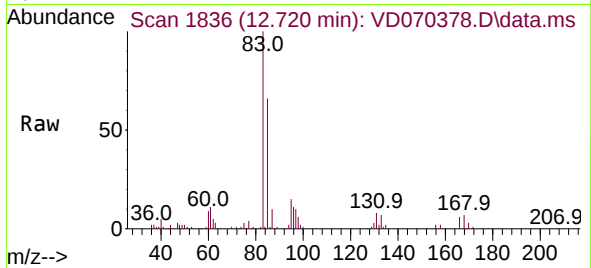




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.705 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

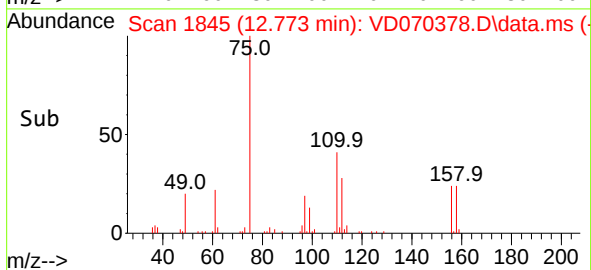
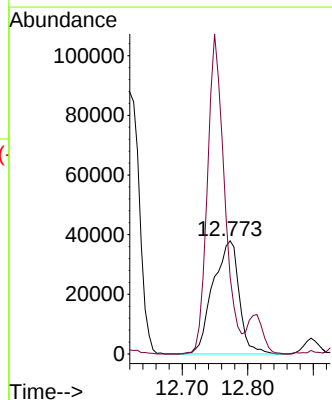
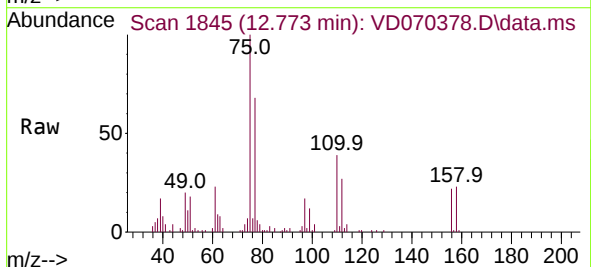
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

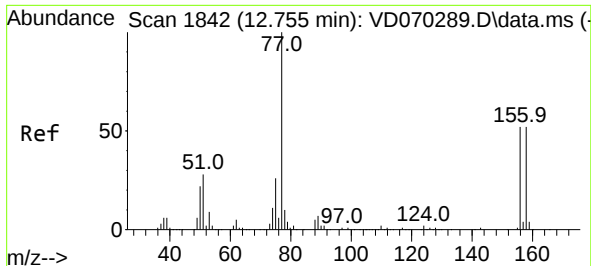
Tgt Ion: 83 Resp: 88248  
Ion Ratio Lower Upper  
83 100  
131 9.4 4.8 14.4  
85 62.7 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 34.684 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 75 Resp: 104604  
Ion Ratio Lower Upper  
75 100  
77 0.0 174.9 524.7#

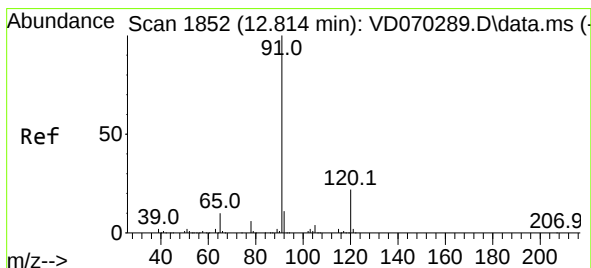
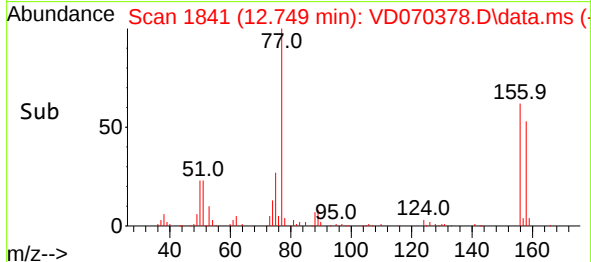
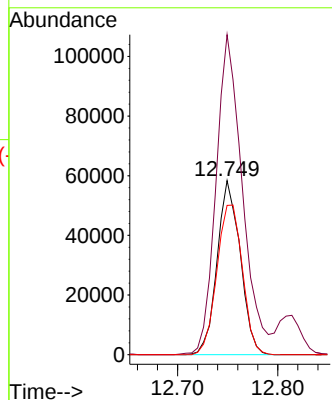
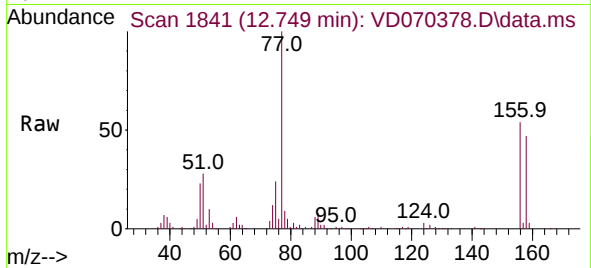




#77  
Bromobenzene  
Concen: 19.349 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

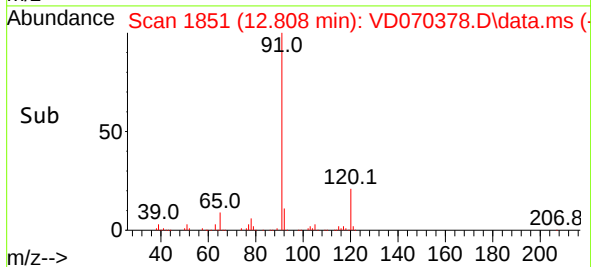
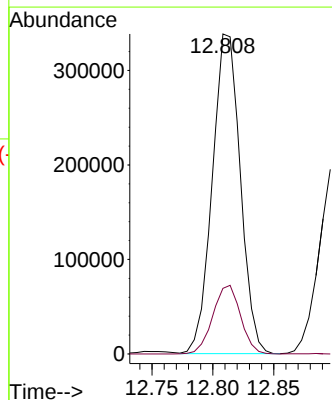
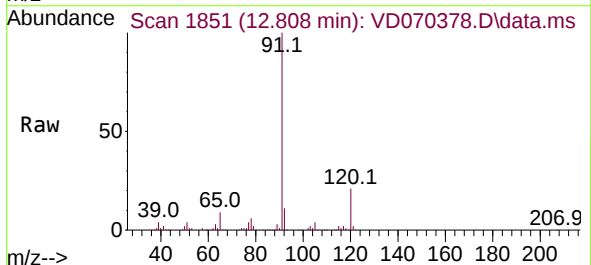
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

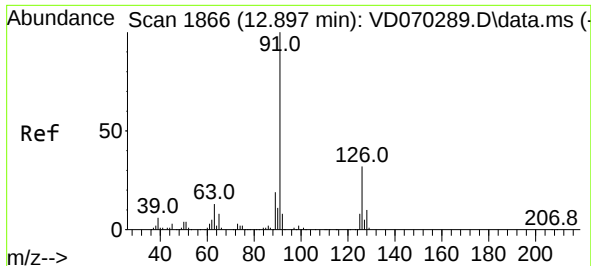
Tgt Ion:156 Resp: 93344  
Ion Ratio Lower Upper  
156 100  
77 209.0 104.3 312.8  
158 95.2 49.4 148.0



#78  
n-propylbenzene  
Concen: 19.949 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 91 Resp: 541397  
Ion Ratio Lower Upper  
91 100  
120 21.2 11.0 33.0

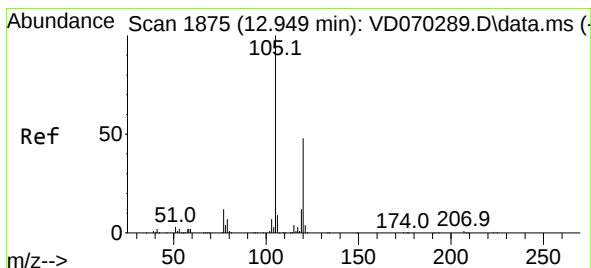
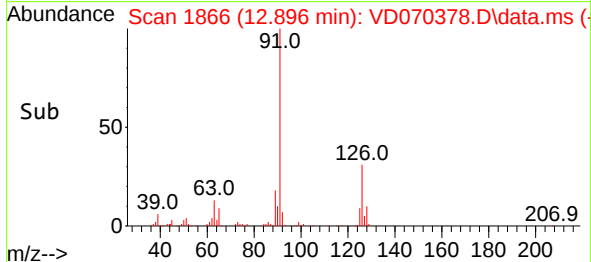
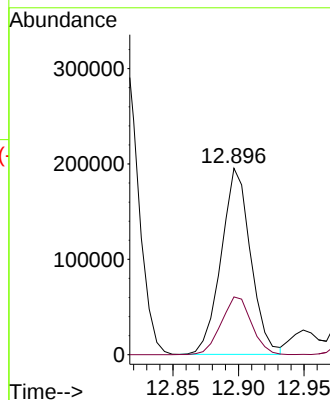
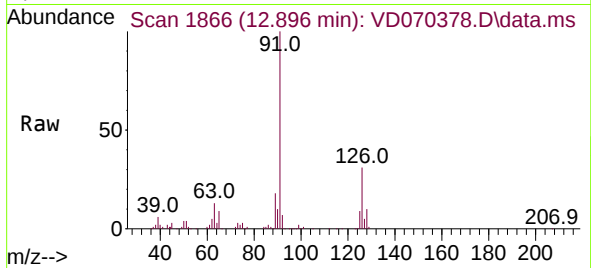




#79  
2-Chlorotoluene  
Concen: 19.294 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

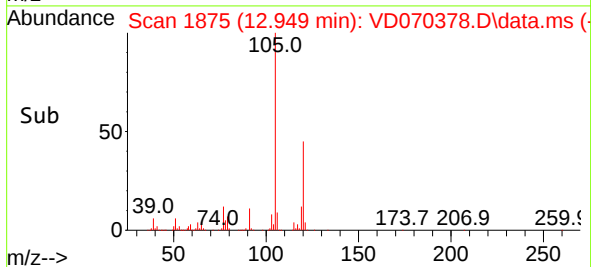
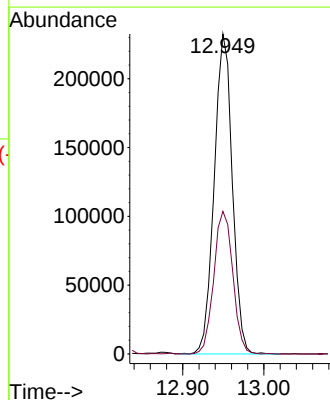
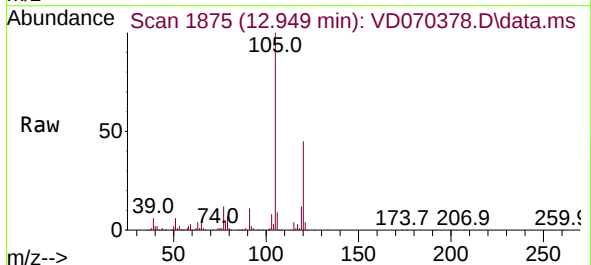
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

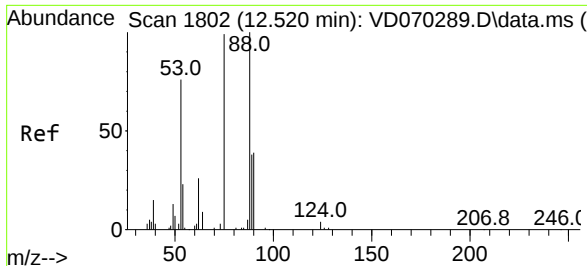
Tgt Ion: 91 Resp: 305214  
Ion Ratio Lower Upper  
91 100  
126 32.0 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 19.940 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 105 Resp: 359832  
Ion Ratio Lower Upper  
105 100  
120 46.8 24.1 72.2

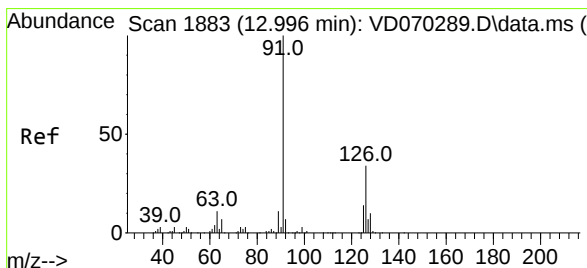
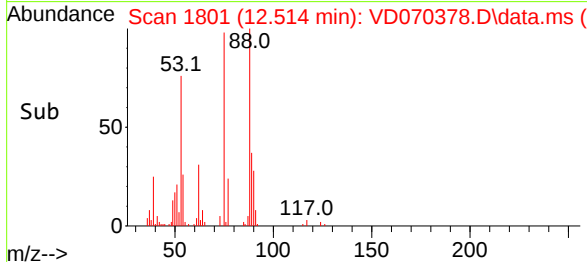
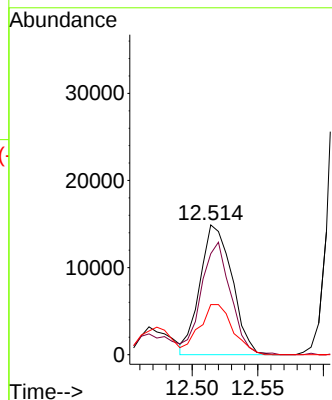
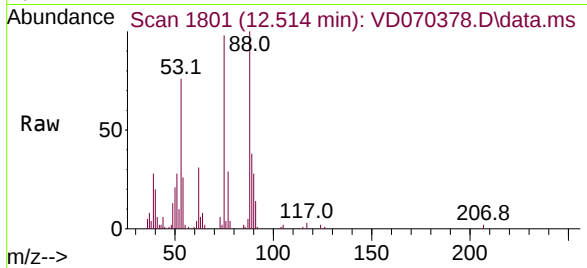




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.103 ug/l  
RT: 12.514 min Scan# 1801  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

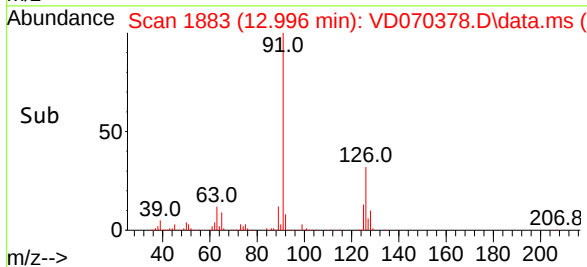
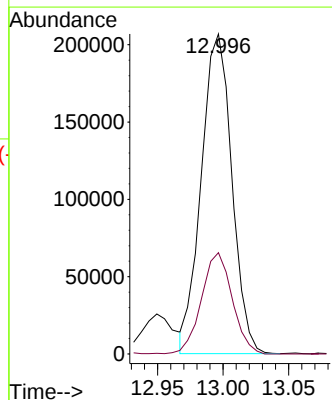
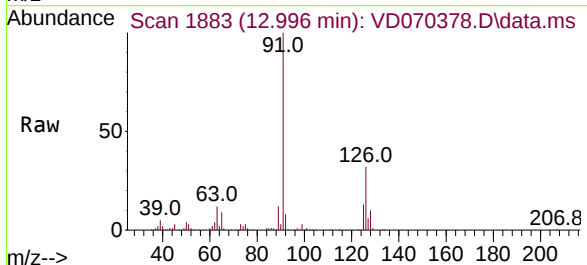
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBS01

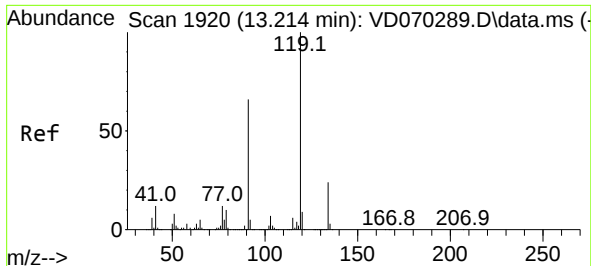
Tgt Ion: 75 Resp: 25401  
Ion Ratio Lower Upper  
75 100  
53 79.4 64.2 96.2  
89 40.3 35.6 53.4



#82  
4-Chlorotoluene  
Concen: 20.081 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 91 Resp: 335113  
Ion Ratio Lower Upper  
91 100  
126 32.0 16.2 48.5

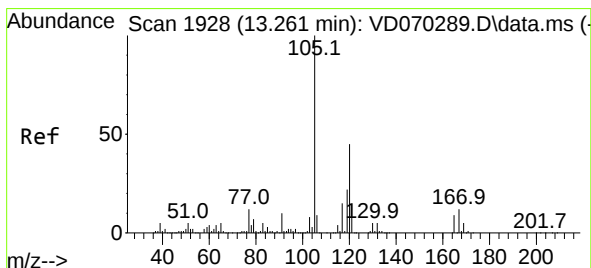
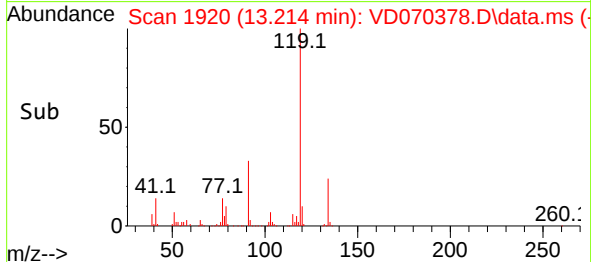
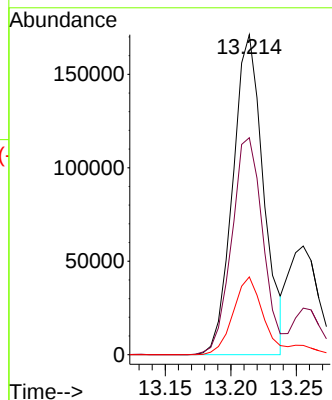
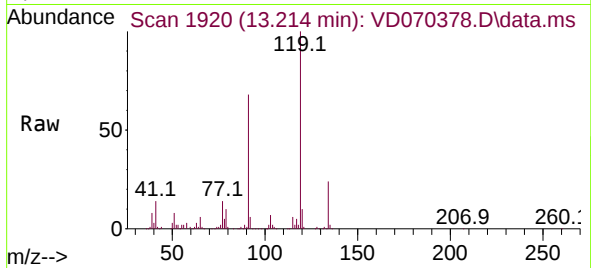




#83  
tert-Butylbenzene  
Concen: 19.282 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

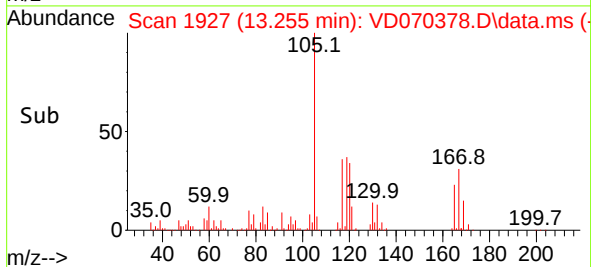
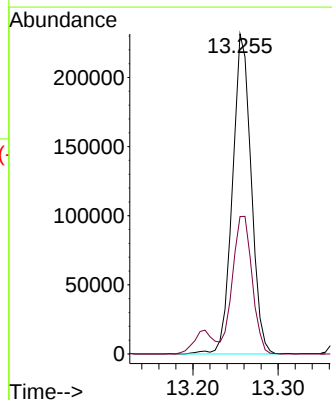
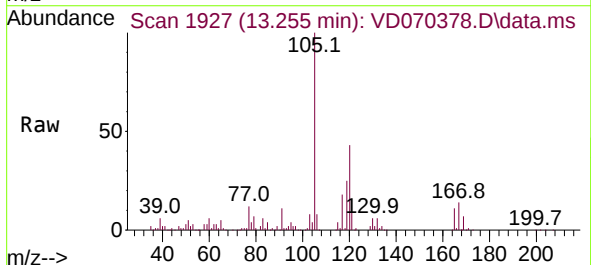
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

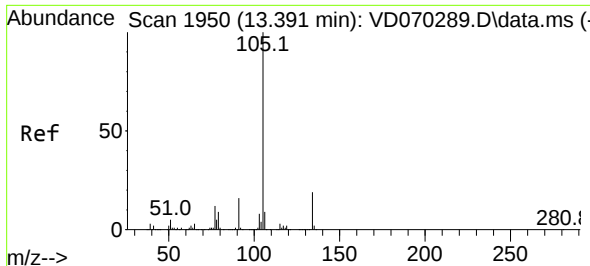
Tgt Ion:119 Resp: 279068  
Ion Ratio Lower Upper  
119 100  
91 68.6 33.7 101.0  
134 23.7 13.2 39.5



#84  
1,2,4-Trimethylbenzene  
Concen: 19.820 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion:105 Resp: 352207  
Ion Ratio Lower Upper  
105 100  
120 45.1 22.3 66.8

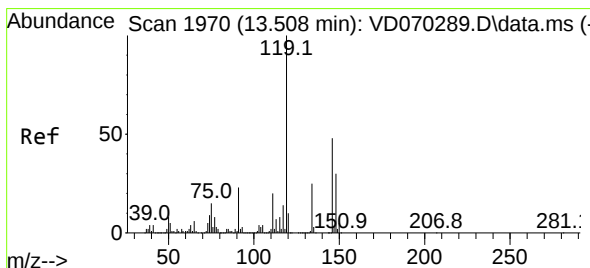
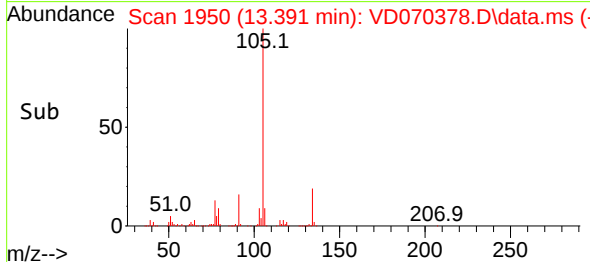
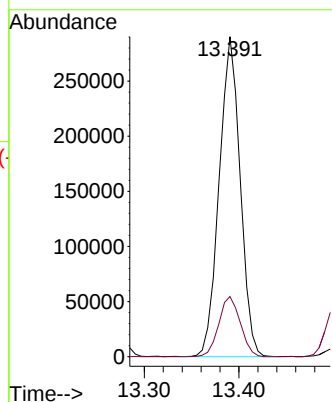
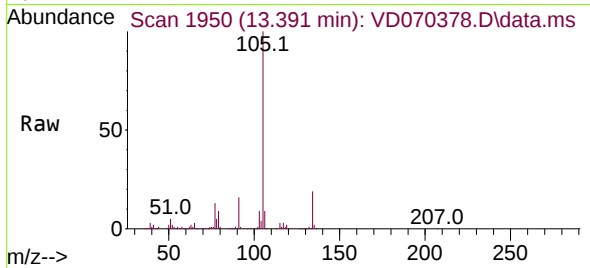




#85  
 sec-Butylbenzene  
 Concen: 19.440 ug/l  
 RT: 13.391 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD070378.D  
 Acq: 20 Sep 2021 12:26

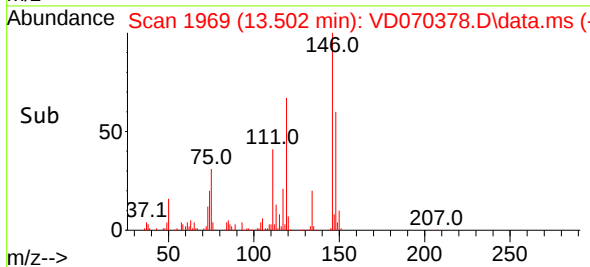
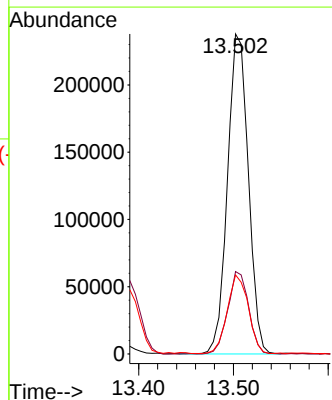
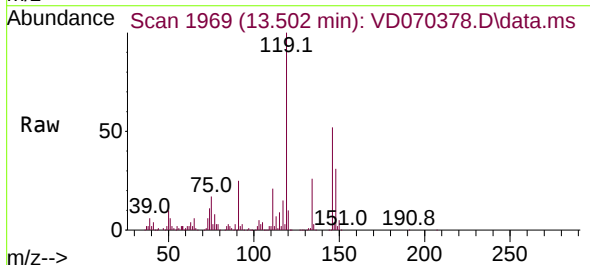
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0920SBSD01

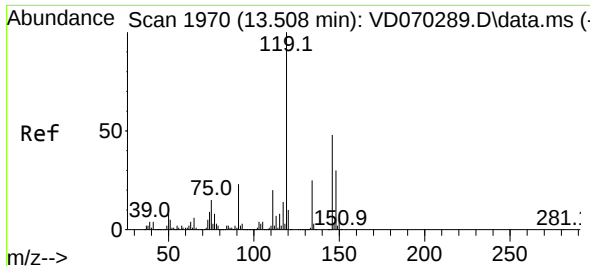
Tgt Ion:105 Resp: 447234  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 19.697 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD070378.D  
 Acq: 20 Sep 2021 12:26

Tgt Ion:119 Resp: 364090  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.7 38.0  
 91 24.8 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.974 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD070378.D

Acq: 20 Sep 2021 12:26

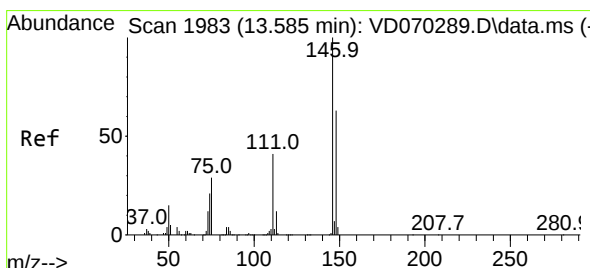
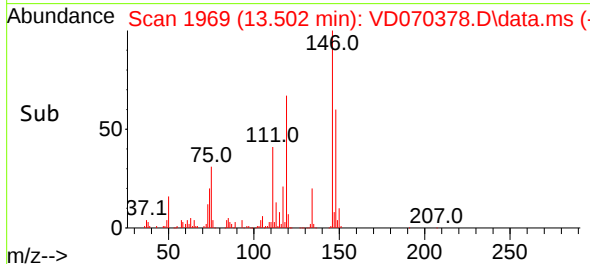
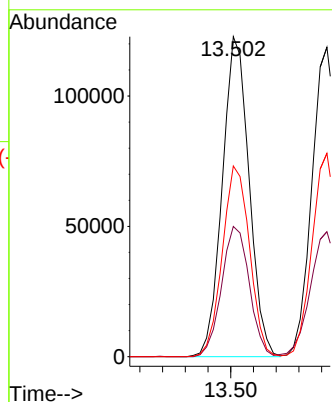
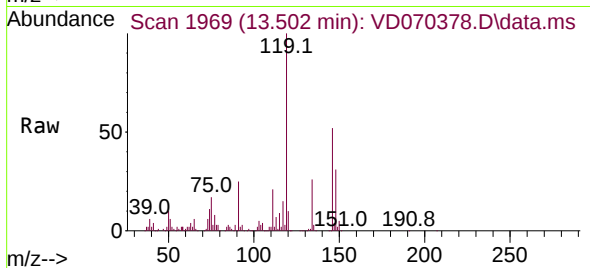
Tgt Ion:146 Resp: 200613

Ion Ratio Lower Upper

146 100

111 42.1 21.5 64.5

148 60.8 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 19.420 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD070378.D

Acq: 20 Sep 2021 12:26

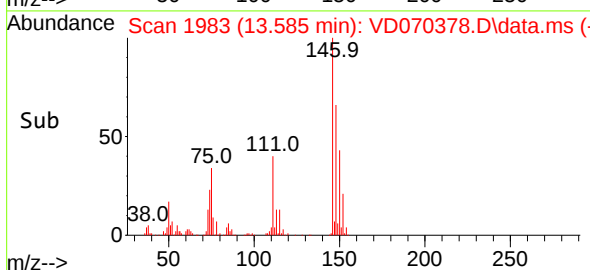
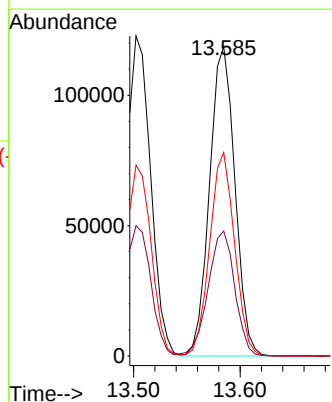
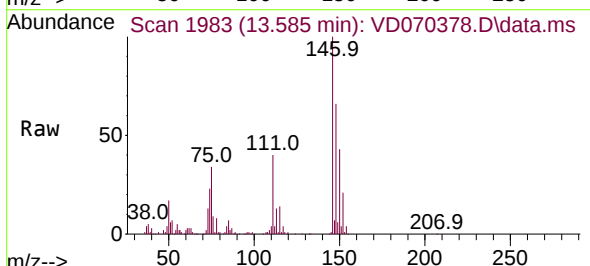
Tgt Ion:146 Resp: 195780

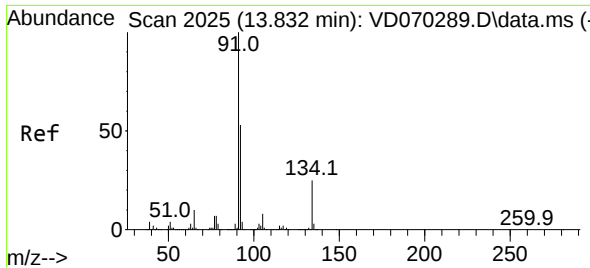
Ion Ratio Lower Upper

146 100

111 42.6 20.9 62.8

148 64.6 31.9 95.5

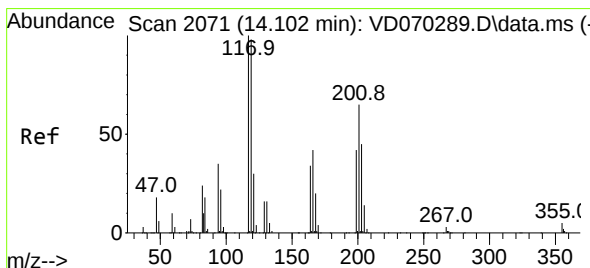
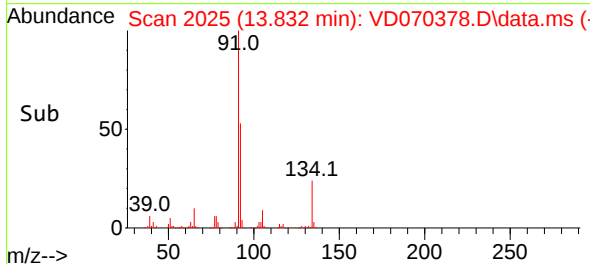
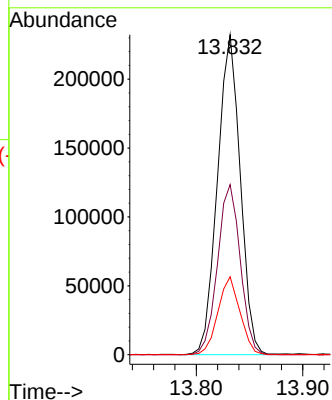
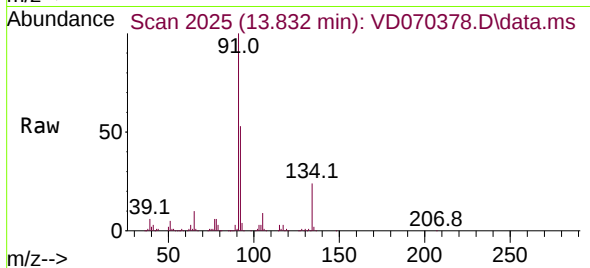




#89  
n-Butylbenzene  
Concen: 18.728 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

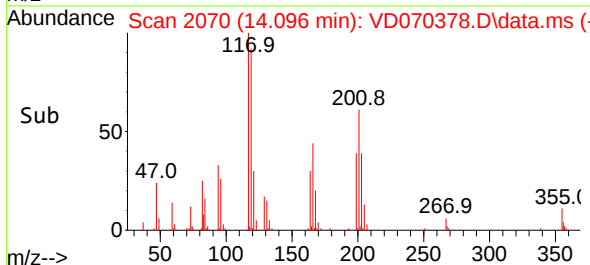
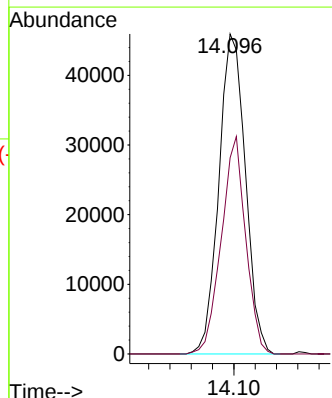
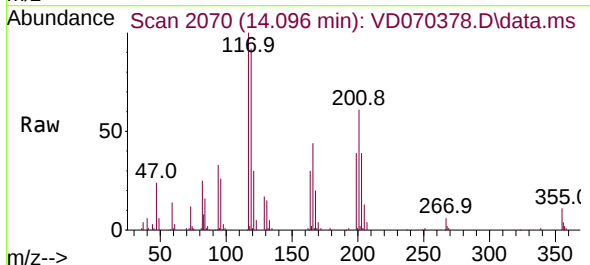
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

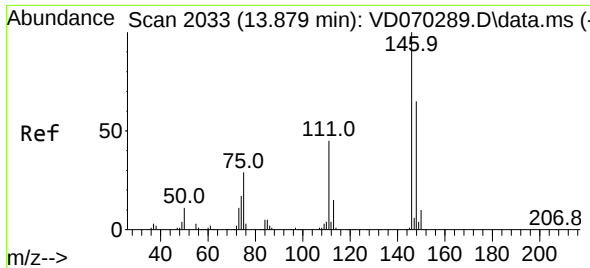
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 345145 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.0  | 26.8  | 80.4   |
| 134      | 23.6  | 12.1  | 36.3   |



#90  
Hexachloroethane  
Concen: 18.759 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 79377 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 62.5  | 31.9  | 95.9  |

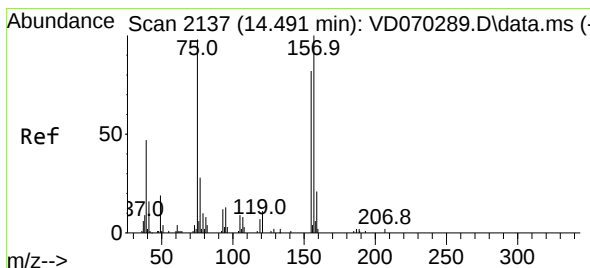
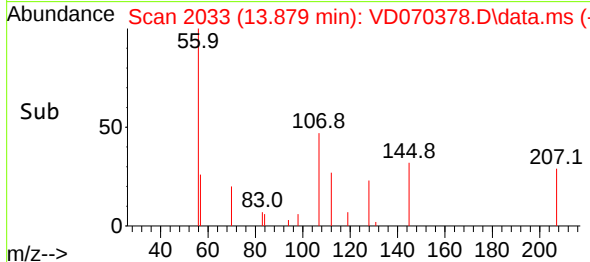
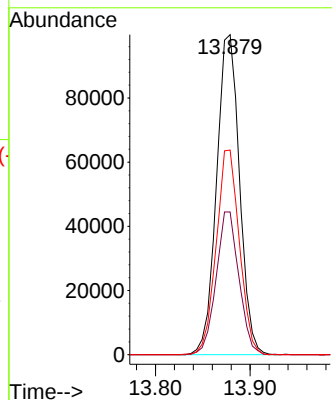
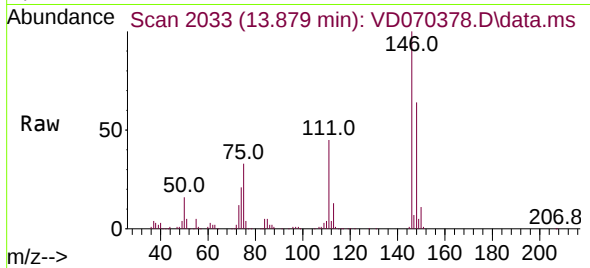




#91  
1,2-Dichlorobenzene  
Concen: 18.941 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

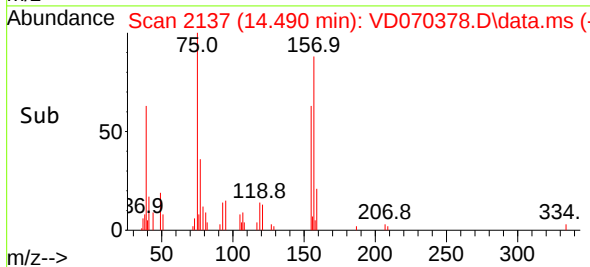
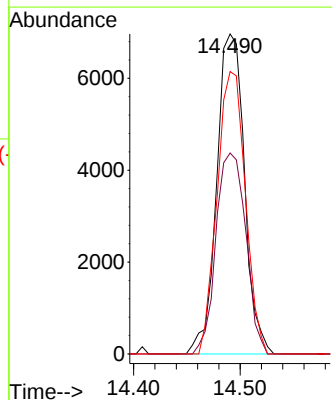
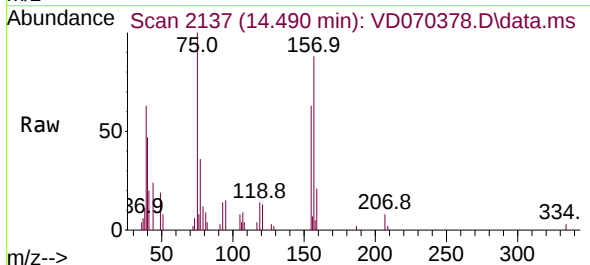
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

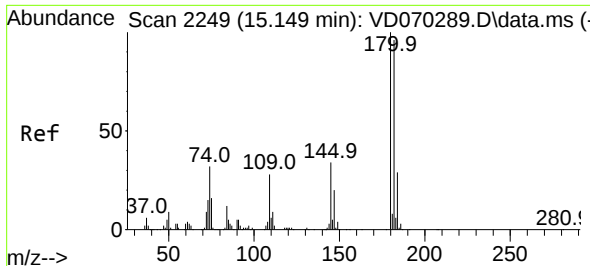
Tgt Ion:146 Resp: 167849  
Ion Ratio Lower Upper  
146 100  
111 44.4 21.9 65.7  
148 64.5 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.743 ug/l  
RT: 14.490 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion: 75 Resp: 12571  
Ion Ratio Lower Upper  
75 100  
155 67.6 40.3 120.9  
157 90.0 48.9 146.6

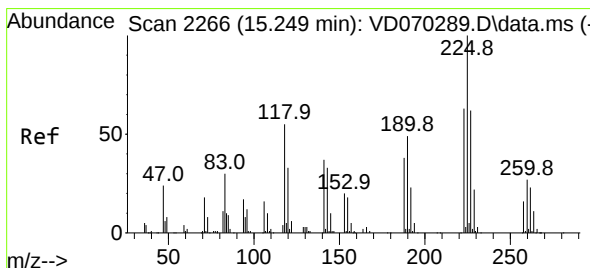
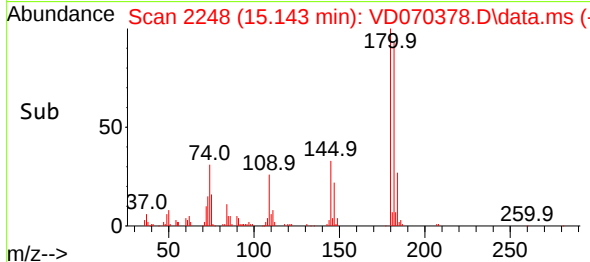
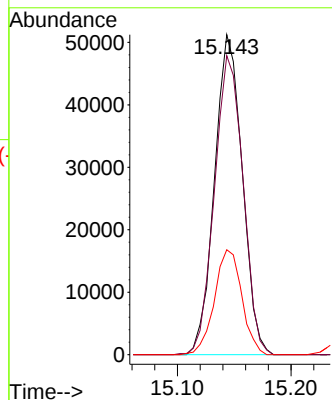
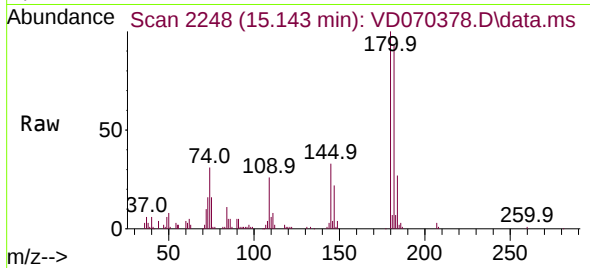




#93  
1,2,4-Trichlorobenzene  
Concen: 18.180 ug/l  
RT: 15.143 min Scan# 2248  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

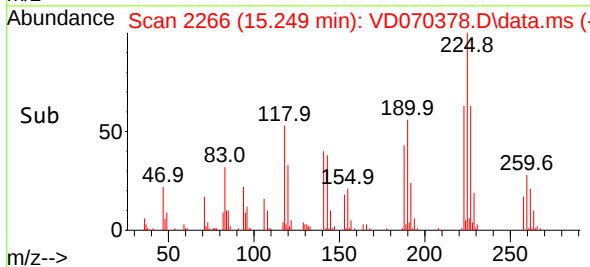
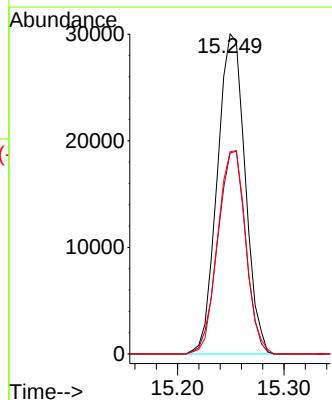
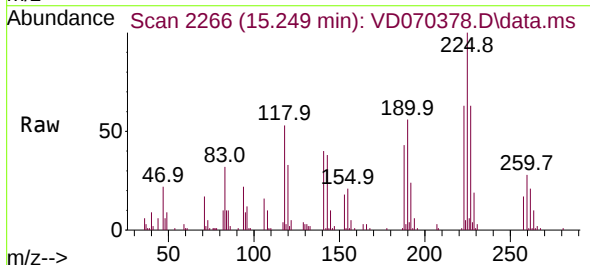
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

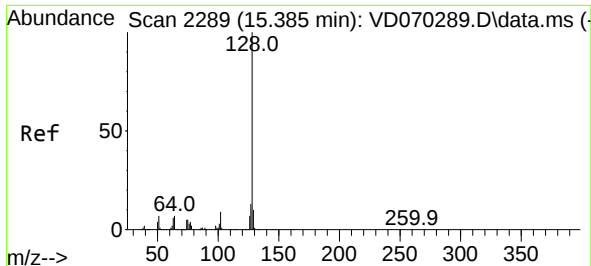
Tgt Ion:180 Resp: 86998  
Ion Ratio Lower Upper  
180 100  
182 96.2 48.1 144.4  
145 32.4 16.8 50.4



#94  
Hexachlorobutadiene  
Concen: 18.554 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Tgt Ion:225 Resp: 54461  
Ion Ratio Lower Upper  
225 100  
223 63.5 31.4 94.3  
227 64.1 32.7 98.1

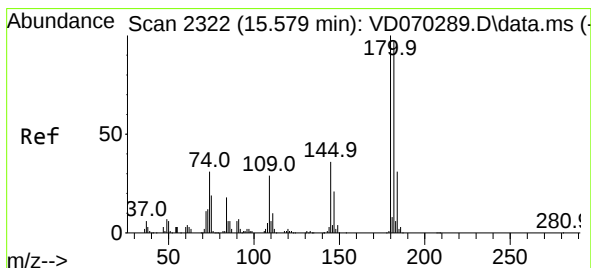
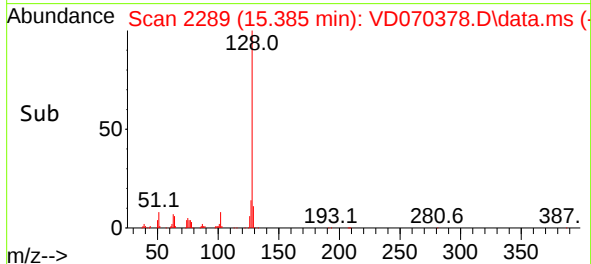
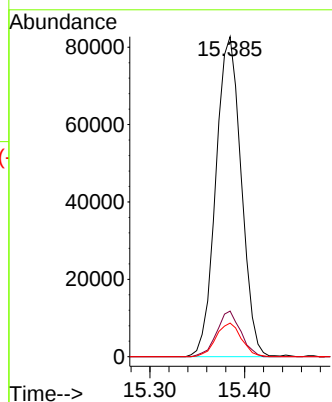
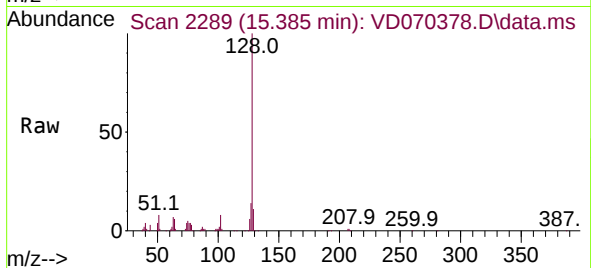




#95  
Naphthalene  
Concen: 17.699 ug/l  
RT: 15.385 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0920SBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 153926 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.5  | 10.5  | 15.7   |
| 129       | 10.5  | 9.0   | 13.4   |



#96  
1,2,3-Trichlorobenzene  
Concen: 18.309 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. -0.006 min  
Lab File: VD070378.D  
Acq: 20 Sep 2021 12:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 77302 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.7  | 47.9  | 143.6 |
| 145       | 35.4  | 17.7  | 53.1  |

