

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080422\  
 Data File : VD073952.D  
 Acq On : 04 Aug 2022 14:43  
 Operator : VA/SY  
 Sample : VD0804SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Aug 05 07:52:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D080122S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 02 05:13:57 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 156267   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.855  | 114  | 258229   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.632 | 117  | 237435   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.555 | 152  | 120180   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 63356    | 49.206   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 98.420% |
| 35) Dibromofluoromethane    | 7.903  | 113   | 70156    | 43.727   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 87.460% |
| 50) Toluene-d8              | 10.332 | 98    | 219644   | 40.641   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 81.280% |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 85857    | 43.200   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 86.400% |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 26956  | 19.172 | ug/l   | 96  |
| 3) Chloromethane             | 2.209 | 50  | 35007  | 17.631 | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.344 | 62  | 48857  | 19.953 | ug/l   | 99  |
| 5) Bromomethane              | 2.750 | 94  | 33299  | 19.257 | ug/l   | 99  |
| 6) Chloroethane              | 2.909 | 64  | 34443  | 20.000 | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.256 | 101 | 51787  | 19.729 | ug/l   | 92  |
| 8) Diethyl Ether             | 3.703 | 74  | 11059  | 16.739 | ug/l   | 90  |
| 9) 1,1,2-Trichlorotrifluo... | 4.085 | 101 | 28857  | 18.545 | ug/l   | 100 |
| 10) Methyl Iodide            | 4.285 | 142 | 24781  | 14.564 | ug/l # | 94  |
| 11) Tert butyl alcohol       | 5.185 | 59  | 8037   | 73.255 | ug/l # | 75  |
| 12) 1,1-Dichloroethene       | 4.056 | 96  | 23421  | 16.988 | ug/l   | 100 |
| 13) Acrolein                 | 3.903 | 56  | 1841   | 43.039 | ug/l # | 13  |
| 14) Allyl chloride           | 4.703 | 41  | 30504  | 16.364 | ug/l   | 93  |
| 15) Acrylonitrile            | 5.420 | 53  | 25729  | 90.969 | ug/l   | 97  |
| 16) Acetone                  | 4.156 | 43  | 21836  | 75.202 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.397 | 76  | 55850  | 14.457 | ug/l   | 99  |
| 18) Methyl Acetate           | 4.714 | 43  | 14065  | 17.451 | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.473 | 73  | 60837  | 18.226 | ug/l   | 95  |
| 20) Methylene Chloride       | 4.950 | 84  | 45215  | 15.738 | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.467 | 96  | 27497  | 16.735 | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.356 | 45  | 73083  | 18.057 | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.303 | 43  | 183626 | 85.844 | ug/l   | 95  |
| 24) 1,1-Dichloroethane       | 6.256 | 63  | 50239  | 18.351 | ug/l   | 96  |
| 25) 2-Butanone               | 7.208 | 43  | 33008  | 86.547 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.197 | 77  | 49527  | 17.891 | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.208 | 96  | 32506  | 17.573 | ug/l   | 95  |
| 28) Bromochloromethane       | 7.544 | 49  | 16691  | 18.269 | ug/l   | 93  |
| 29) Tetrahydrofuran          | 7.556 | 42  | 20425  | 91.656 | ug/l   | 100 |
| 30) Chloroform               | 7.703 | 83  | 58082  | 18.619 | ug/l   | 100 |
| 31) Cyclohexane              | 7.979 | 56  | 39472  | 16.312 | ug/l # | 94  |
| 32) 1,1,1-Trichloroethane    | 7.891 | 97  | 54289  | 18.277 | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.103 | 75  | 38351  | 16.783 | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.297 | 43  | 16719  | 19.646 | ug/l # | 92  |
| 38) Carbon Tetrachloride     | 8.091 | 117 | 46451  | 18.146 | ug/l   | 92  |
| 39) Methylcyclohexane        | 9.350 | 83  | 42433  | 15.842 | ug/l   | 98  |
| 40) Benzene                  | 8.344 | 78  | 110956 | 17.695 | ug/l   | 94  |

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 Sample : VD0804SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Aug 05 07:52:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D080122S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 02 05:13:57 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 7662     | 15.596  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 34256    | 17.800  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 30531    | 18.117  | ug/l   | 97       |
| 44) Trichloroethene           | 9.102  | 130  | 32707    | 17.315  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 27579    | 18.279  | ug/l   | 99       |
| 46) Dibromomethane            | 9.467  | 93   | 17393    | 17.923  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.650  | 83   | 44497    | 18.511  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.444  | 41   | 13467    | 17.124  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.450  | 88   | 4148     | 405.565 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 78798    | 93.654  | ug/l   | 96       |
| 52) Toluene                   | 10.397 | 92   | 73892    | 17.318  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.608 | 75   | 37675    | 17.026  | ug/l   | 90       |
| 54) cis-1,3-Dichloropropene   | 10.079 | 75   | 43180    | 17.236  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 22845    | 18.303  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.649 | 69   | 24235    | 17.053  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.932 | 76   | 36815    | 18.225  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 42057    | 77.333  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.973 | 43   | 52956    | 93.011  | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.132 | 129  | 32300    | 19.180  | ug/l   | 94       |
| 61) 1,2-Dibromoethane         | 11.232 | 107  | 22268    | 17.601  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.867 | 164  | 27051    | 16.009  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.661 | 112  | 82428    | 17.512  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 31853    | 17.666  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.732 | 91   | 142171   | 17.101  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.838 | 106  | 112043   | 33.997  | ug/l   | 99       |
| 69) o-Xylene                  | 12.167 | 106  | 50746    | 16.440  | ug/l   | 97       |
| 70) Styrene                   | 12.179 | 104  | 89708    | 17.206  | ug/l   | 98       |
| 71) Bromoform                 | 12.343 | 173  | 17736    | 17.910  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.467 | 105  | 141397   | 17.063  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.273 | 43   | 28466    | 17.154  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 26682    | 18.902  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.767 | 75   | 32381    | 34.975  | ug/l # | 100      |
| 77) Bromobenzene              | 12.749 | 156  | 33495    | 17.171  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.808 | 91   | 174183   | 17.285  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 98057    | 17.010  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.943 | 105  | 121684   | 17.284  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.508 | 75   | 7310     | 17.451  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.991 | 91   | 103459   | 17.121  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.208 | 119  | 102797   | 16.770  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 119590   | 17.195  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.385 | 105  | 158380   | 17.076  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 128963   | 16.553  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 69499    | 17.061  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 68496    | 16.975  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.826 | 91   | 124987   | 17.398  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.096 | 117  | 25204    | 17.653  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 61606    | 17.688  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 4478     | 18.624  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 35375    | 16.334  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.243 | 225  | 19542    | 16.608  | ug/l   | 97       |
| 95) Naphthalene               | 15.379 | 128  | 65436    | 16.542  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.567 | 180  | 31679    | 16.922  | ug/l   | 95       |

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Data File : VD073952.D  
Acq On : 04 Aug 2022 14:43  
Operator : VA/SY  
Sample : VD0804SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

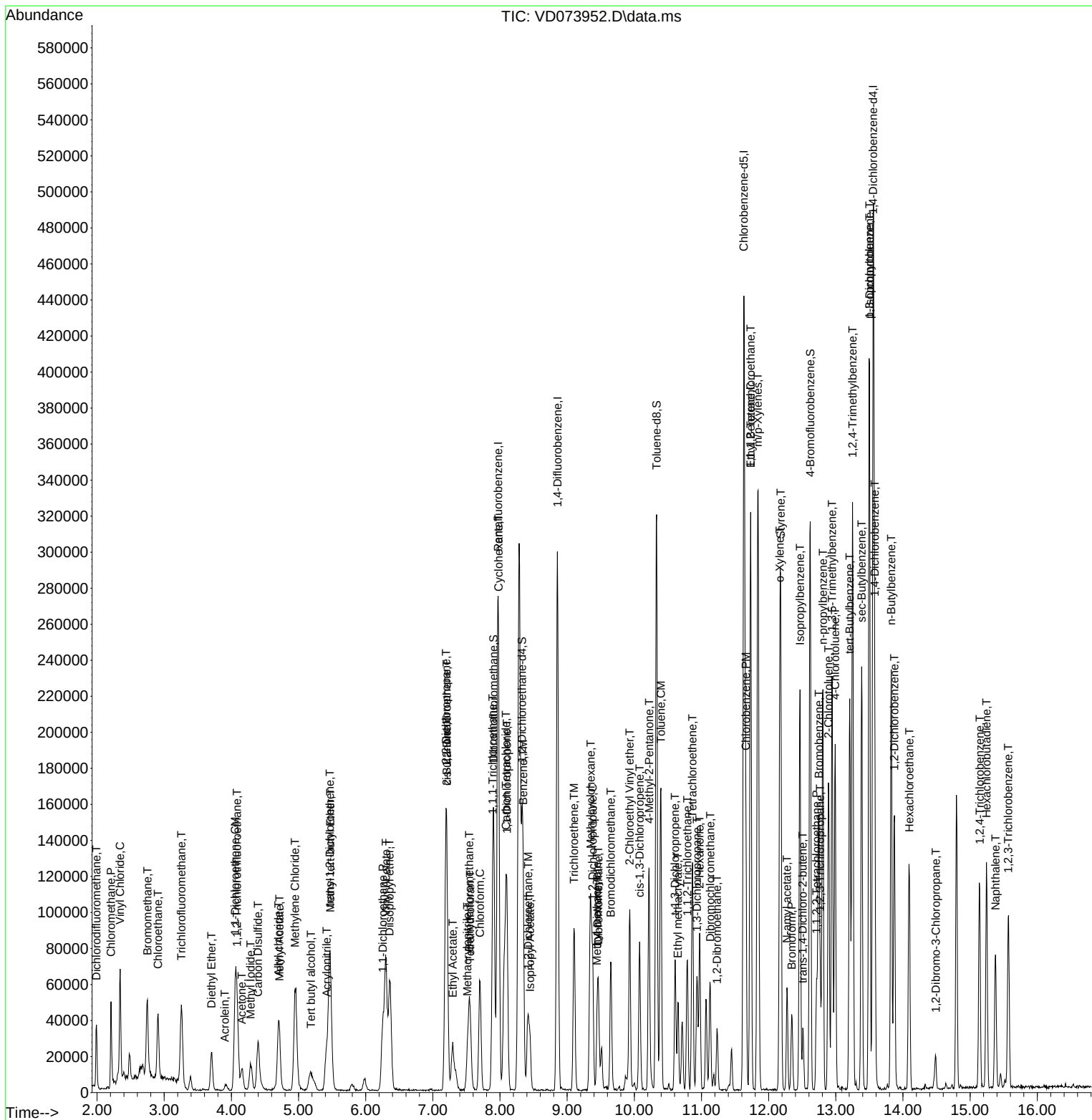
Instrument :  
MSVOA\_D  
ClientSampleId :

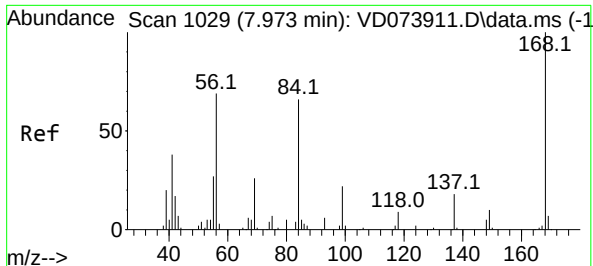
Quant Time: Aug 05 07:52:52 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D080122S.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 02 05:13:57 2022  
Response via : Initial Calibration

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

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

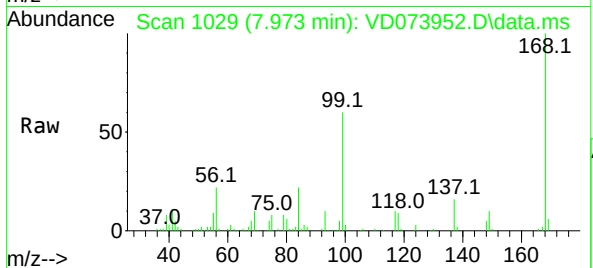
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D080122S.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 02 05:13:57 2022  
Response via : Initial Calibration



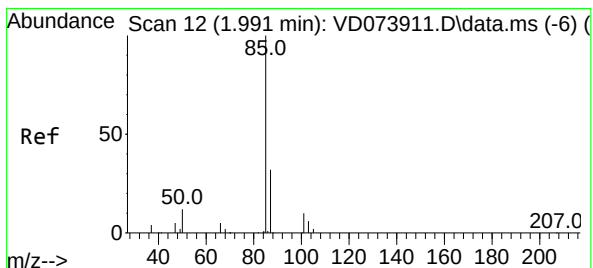
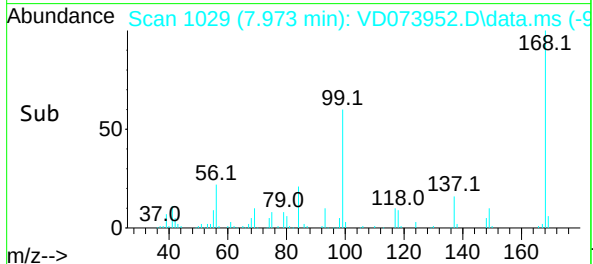
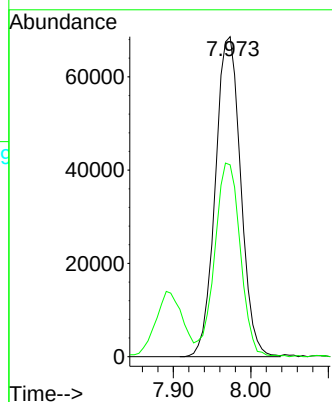


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Instrument :  
MSVOA\_D  
ClientSampleId :

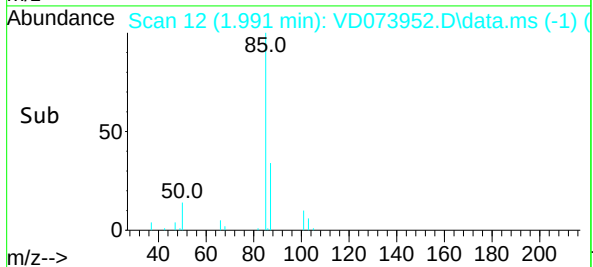
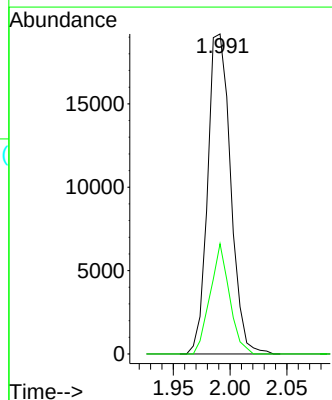
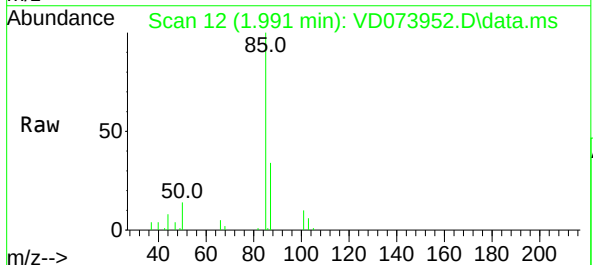


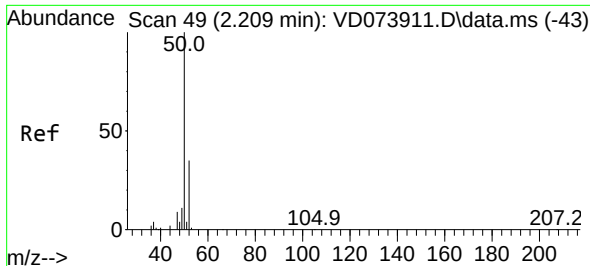
Tgt Ion:168 Resp: 156267  
Ion Ratio Lower Upper  
168 100  
99 59.7 52.2 78.4



#2  
Dichlorodifluoromethane  
Concen: 19.172 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

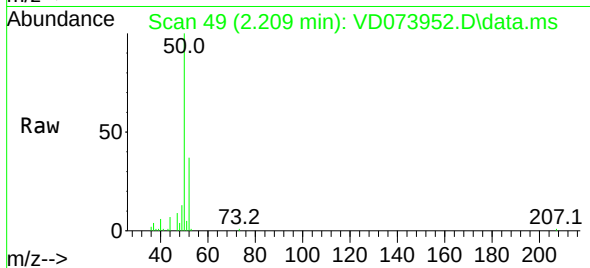
Tgt Ion: 85 Resp: 26956  
Ion Ratio Lower Upper  
85 100  
87 34.4 16.1 48.2



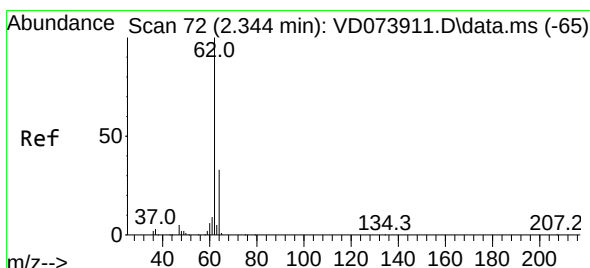
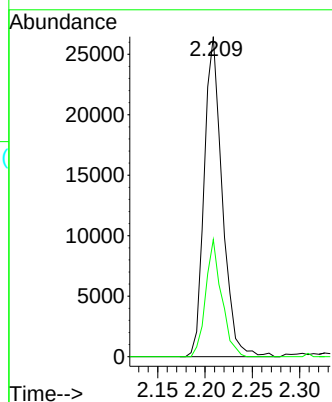
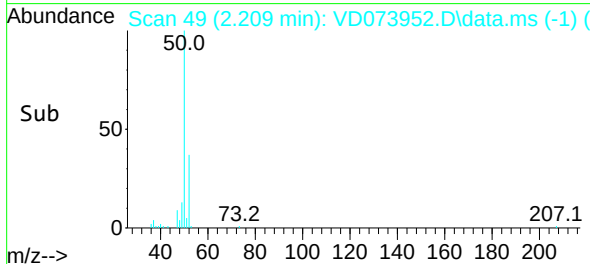


#3  
Chloromethane  
Concen: 17.631 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

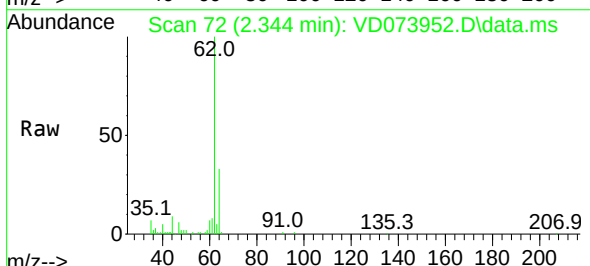
Instrument :  
MSVOA\_D  
ClientSampleId :



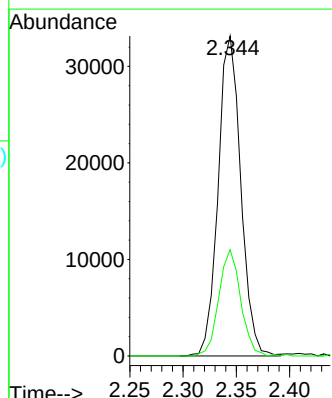
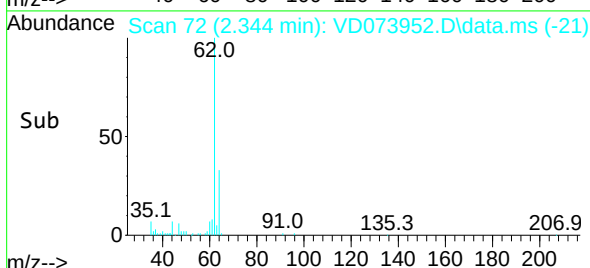
Tgt Ion: 50 Resp: 35007  
Ion Ratio Lower Upper  
50 100  
52 36.6 28.2 42.2

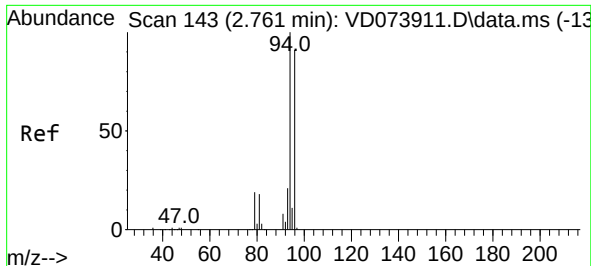


#4  
Vinyl Chloride  
Concen: 19.953 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43



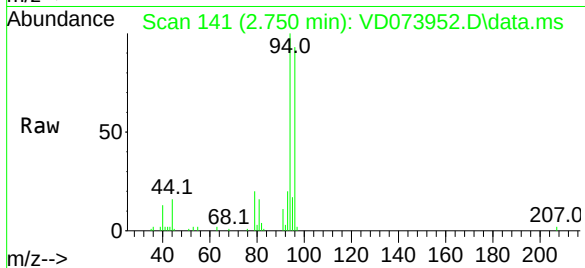
Tgt Ion: 62 Resp: 48857  
Ion Ratio Lower Upper  
62 100  
64 33.2 26.1 39.1



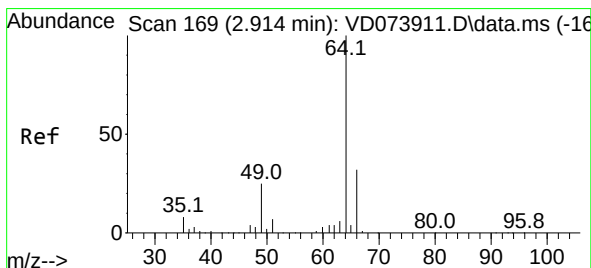
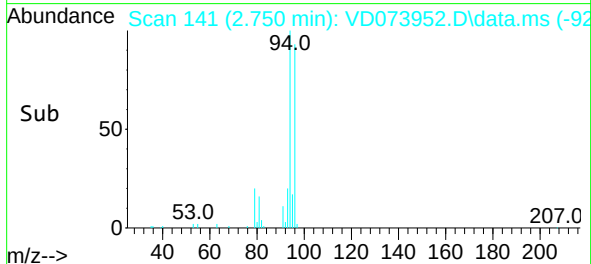
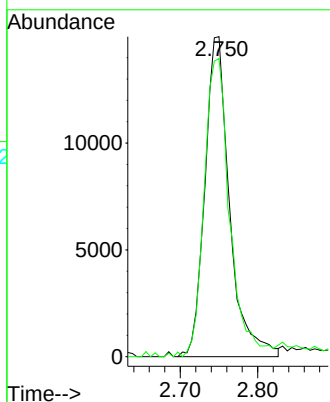


#5  
Bromomethane  
Concen: 19.257 ug/l  
RT: 2.750 min Scan# 141  
Delta R.T. -0.012 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Instrument :  
MSVOA\_D  
ClientSampleId :

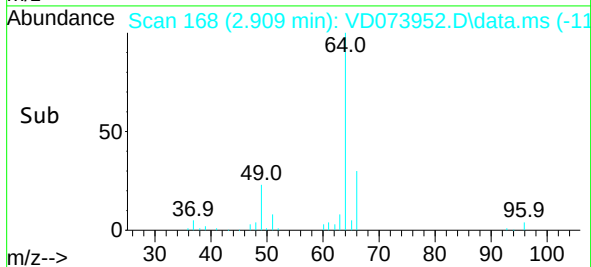
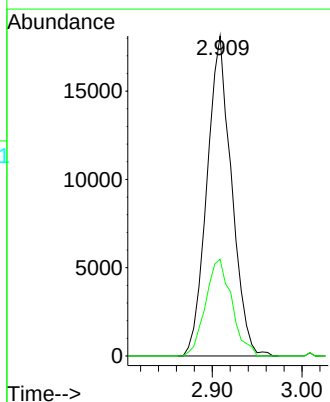
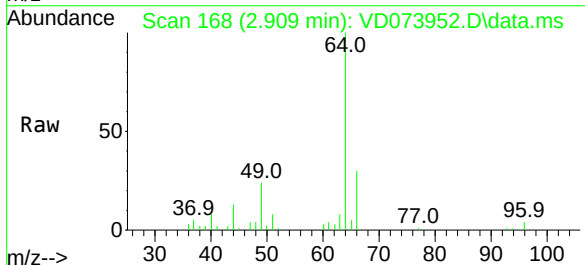


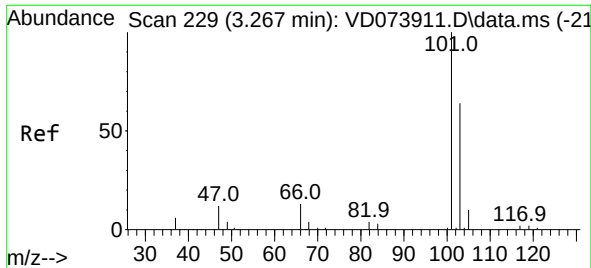
Tgt Ion: 94 Resp: 33299  
Ion Ratio Lower Upper  
94 100  
96 91.7 72.7 109.1



#6  
Chloroethane  
Concen: 20.000 ug/l  
RT: 2.909 min Scan# 168  
Delta R.T. -0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

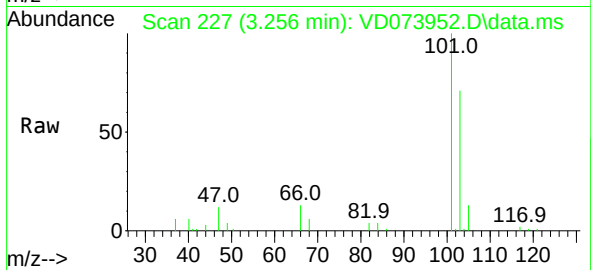
Tgt Ion: 64 Resp: 34443  
Ion Ratio Lower Upper  
64 100  
66 30.3 25.8 38.6



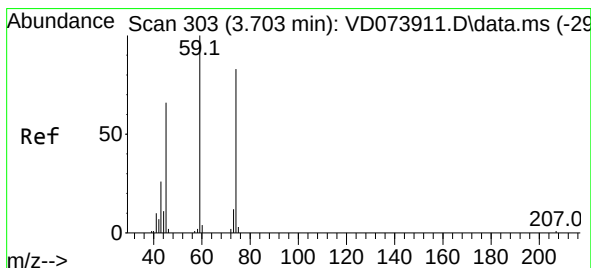
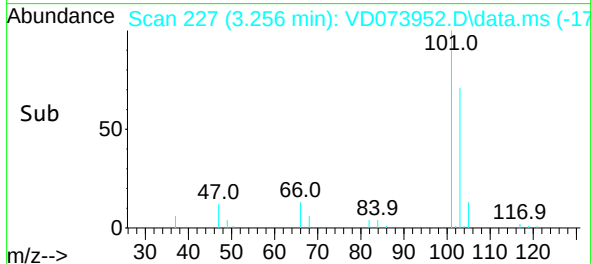
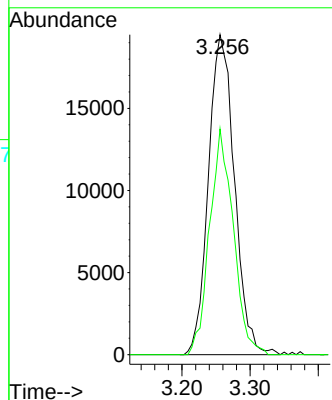


#7  
Trichlorofluoromethane  
Concen: 19.729 ug/l  
RT: 3.256 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Instrument :  
MSVOA\_D  
ClientSampleId :

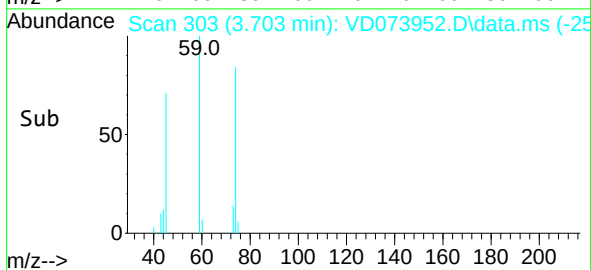
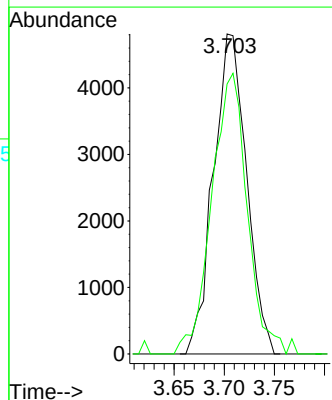
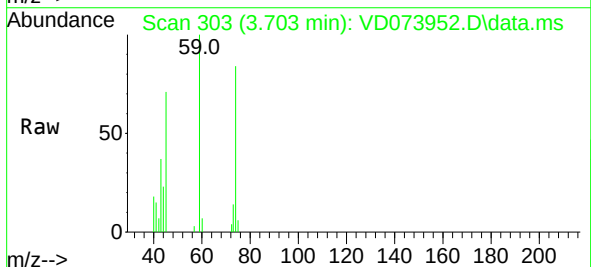


Tgt Ion:101 Resp: 51787  
Ion Ratio Lower Upper  
101 100  
103 70.5 51.4 77.0

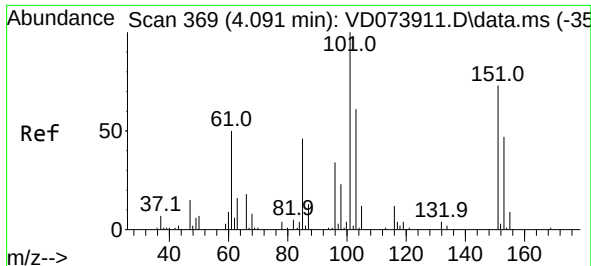


#8  
Diethyl Ether  
Concen: 16.739 ug/l  
RT: 3.703 min Scan# 303  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion: 74 Resp: 11059  
Ion Ratio Lower Upper  
74 100  
45 94.1 42.4 127.3



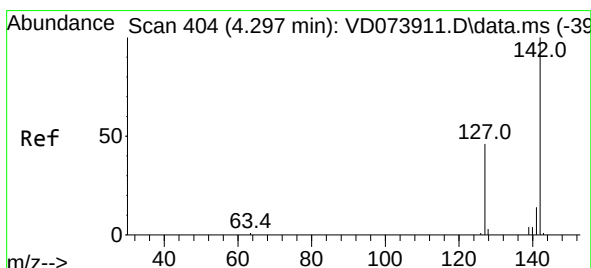
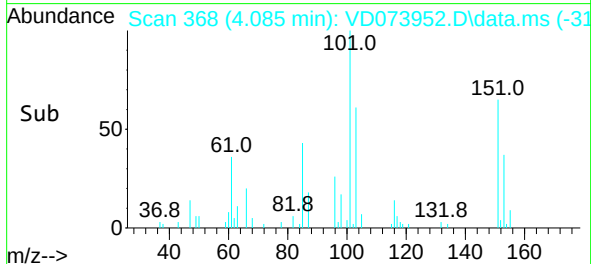
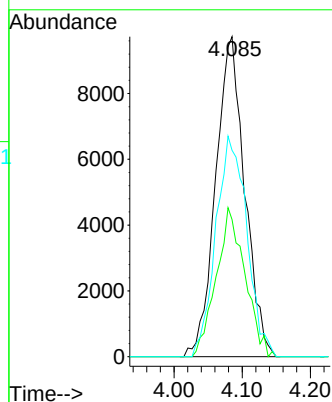
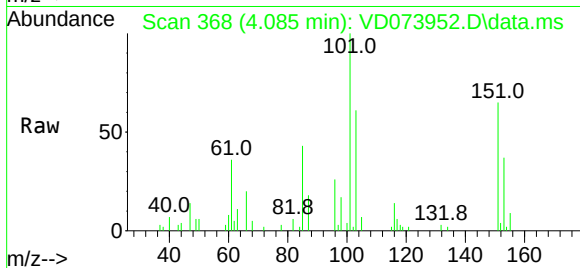




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 18.545 ug/l  
 RT: 4.085 min Scan# 30  
 Delta R.T. -0.006 min  
 Lab File: VD073952.D  
 Acq: 04 Aug 2022 14:43

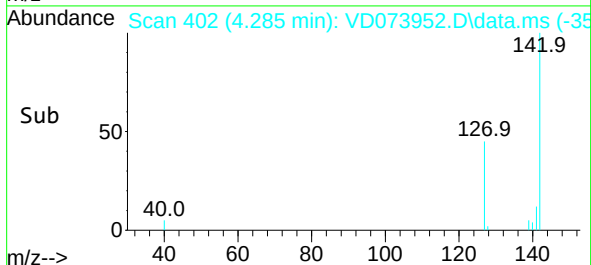
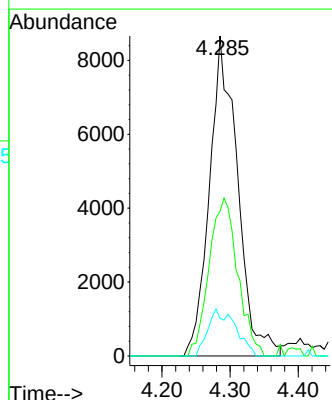
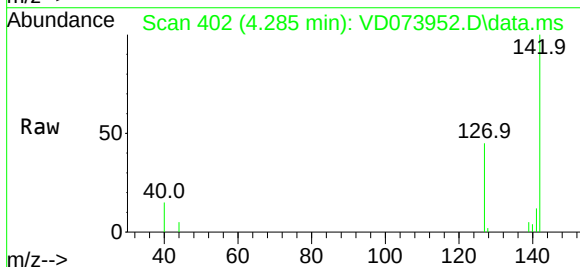
Instrument :  
 MSVOA\_D  
 ClientSampleId :

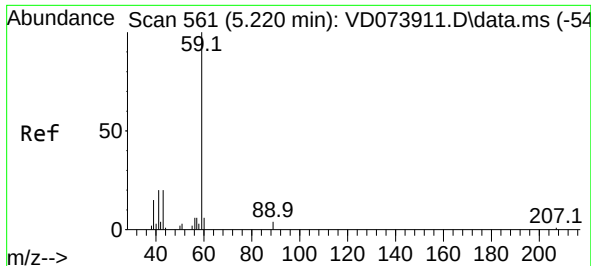
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:101 | Resp: | 28857       |
| Ion         | Ratio | Lower Upper |
| 101         | 100   |             |
| 85          | 46.0  | 36.5 54.7   |
| 151         | 73.5  | 58.9 88.3   |



#10  
 Methyl Iodide  
 Concen: 14.564 ug/l  
 RT: 4.285 min Scan# 402  
 Delta R.T. -0.012 min  
 Lab File: VD073952.D  
 Acq: 04 Aug 2022 14:43

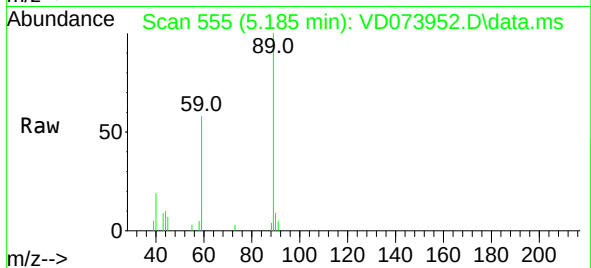
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:142 | Resp: | 24781       |
| Ion         | Ratio | Lower Upper |
| 142         | 100   |             |
| 127         | 50.4  | 38.3 57.5   |
| 141         | 8.2   | 11.5 17.3   |



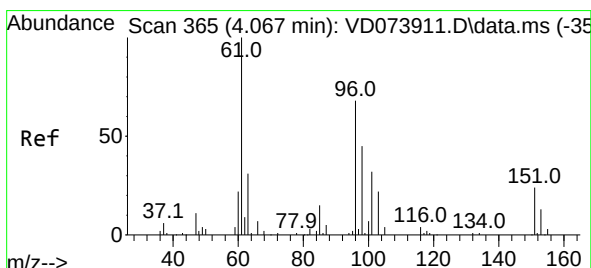
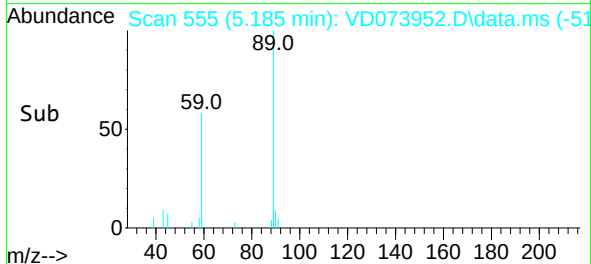
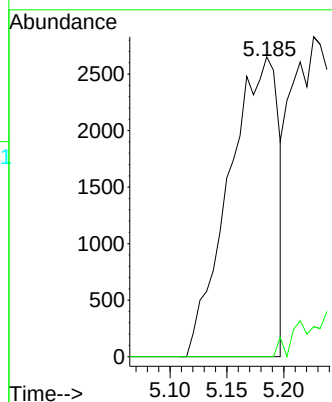


#11  
Tert butyl alcohol  
Concen: 73.255 ug/l  
RT: 5.185 min Scan# 51  
Delta R.T. -0.035 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Instrument :  
MSVOA\_D  
ClientSampleId :

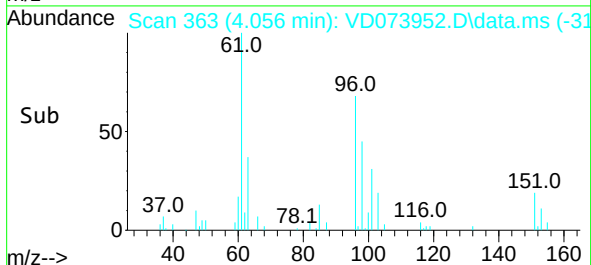
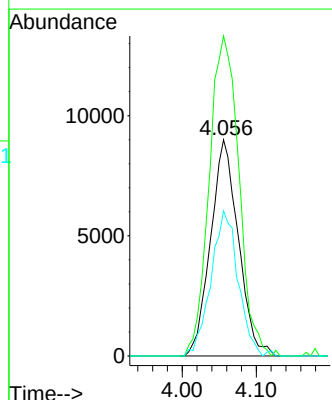
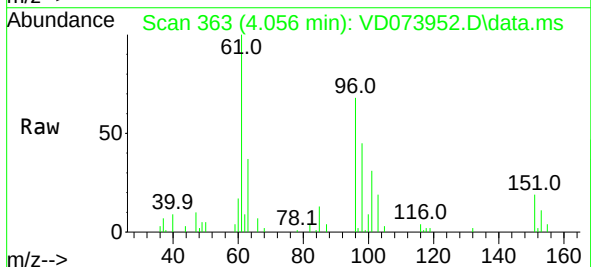


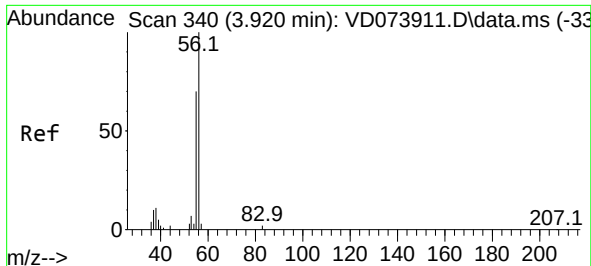
Tgt Ion: 59 Resp: 8037  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.2 10.8#



#12  
1,1-Dichloroethene  
Concen: 16.988 ug/l  
RT: 4.056 min Scan# 363  
Delta R.T. -0.012 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

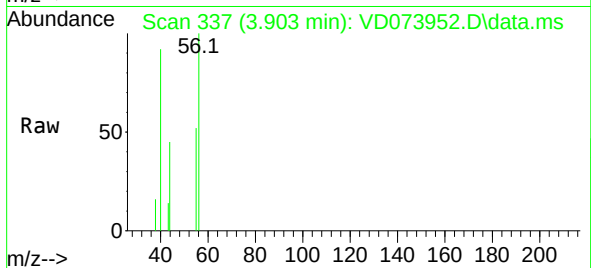
Tgt Ion: 96 Resp: 23421  
Ion Ratio Lower Upper  
96 100  
61 148.0 118.5 177.7  
98 67.1 53.2 79.8



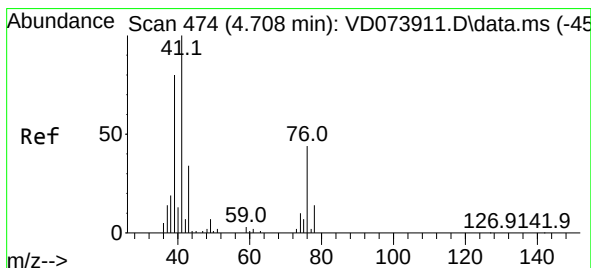
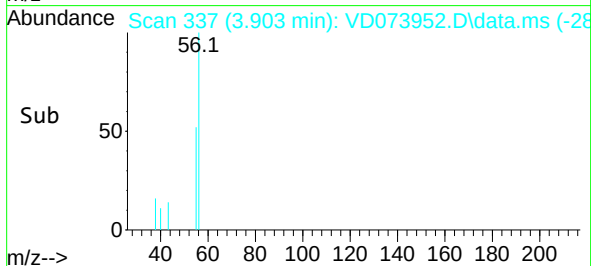
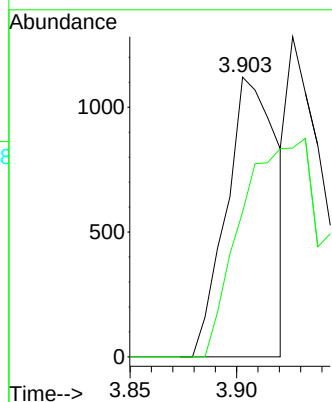


#13  
Acrolein  
Concen: 43.039 ug/l  
RT: 3.903 min Scan# 311  
Delta R.T. -0.017 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Instrument :  
MSVOA\_D  
ClientSampleId :

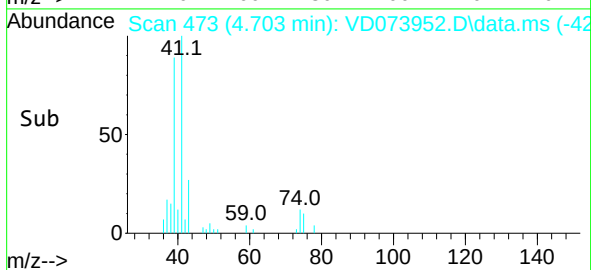
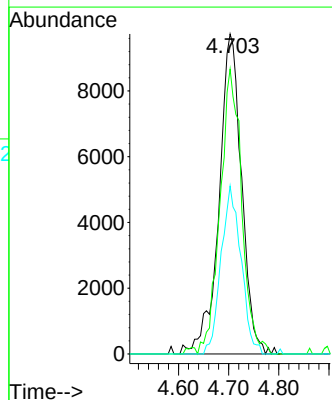
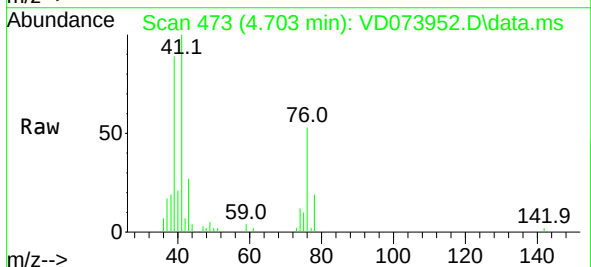


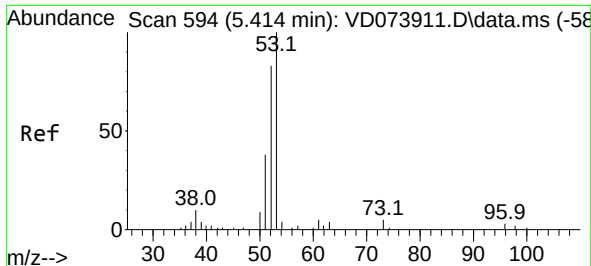
Tgt Ion: 56 Resp: 1841  
Ion Ratio Lower Upper  
56 100  
55 0.0 58.4 87.6#



#14  
Allyl chloride  
Concen: 16.364 ug/l  
RT: 4.703 min Scan# 473  
Delta R.T. -0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion: 41 Resp: 30504  
Ion Ratio Lower Upper  
41 100  
39 85.2 62.6 94.0  
76 46.4 33.9 50.9





#15

Acrylonitrile

Concen: 90.969 ug/l

RT: 5.420 min Scan# 594

Delta R.T. 0.006 min

Lab File: VD073952.D

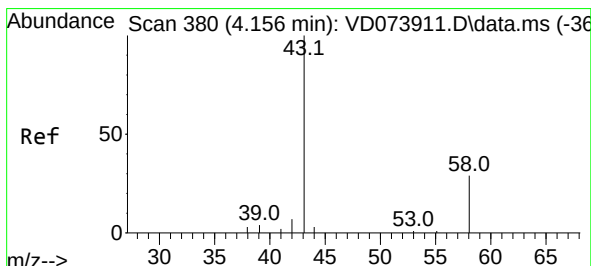
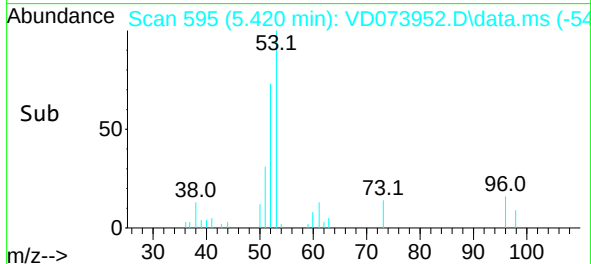
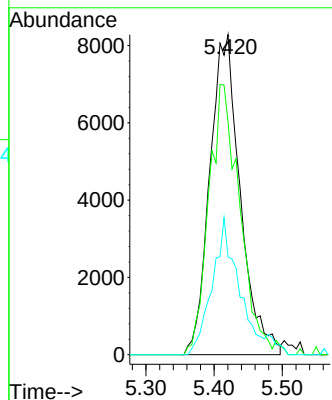
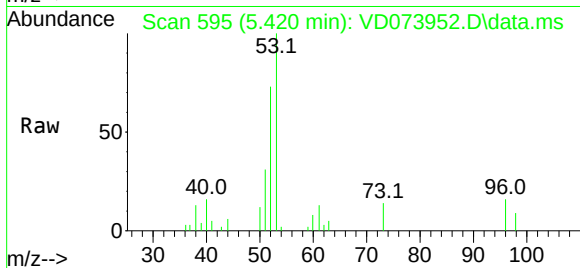
Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 25729 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 85.1  | 65.5  | 98.3  |
| 51       | 39.4  | 30.4  | 45.6  |



#16

Acetone

Concen: 75.202 ug/l

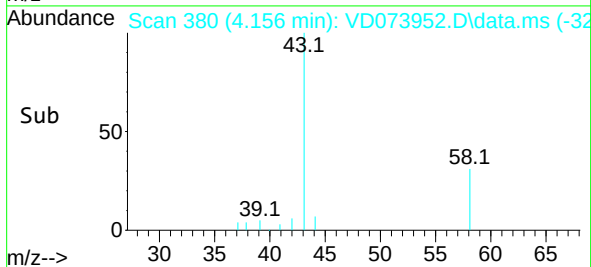
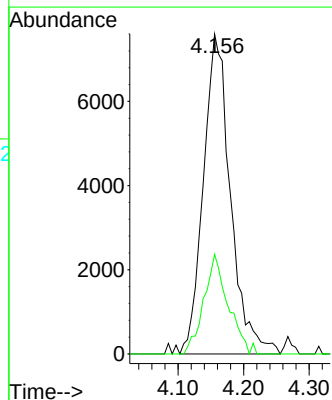
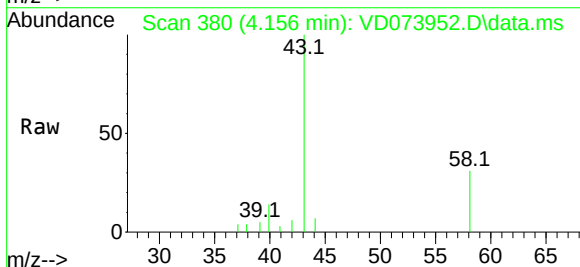
RT: 4.156 min Scan# 380

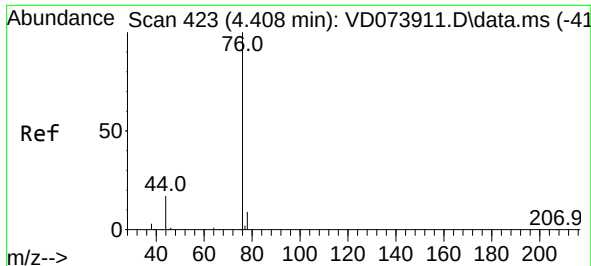
Delta R.T. -0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

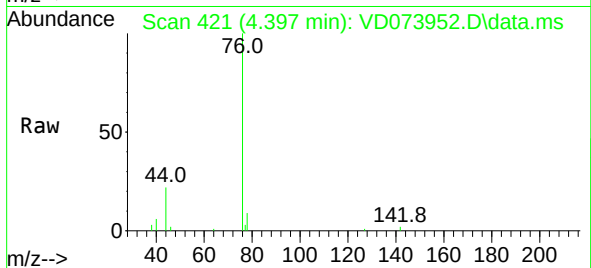
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 21836 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.2  | 23.0  | 34.6  |



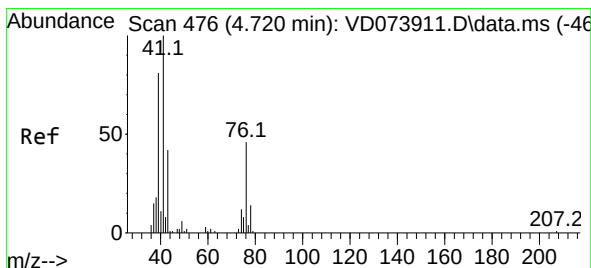
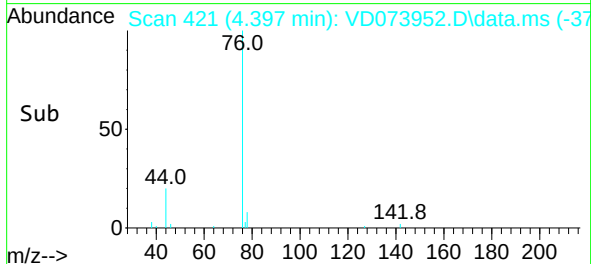
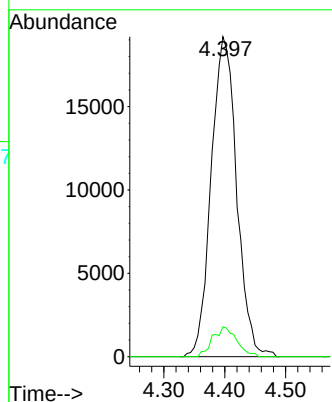


#17  
Carbon Disulfide  
Concen: 14.457 ug/l  
RT: 4.397 min Scan# 41  
Delta R.T. -0.011 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Instrument :  
MSVOA\_D  
ClientSampleId :

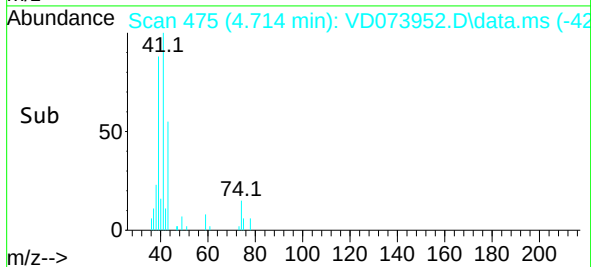
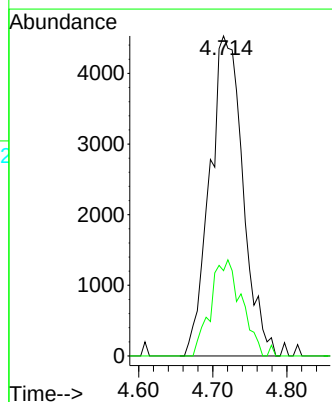
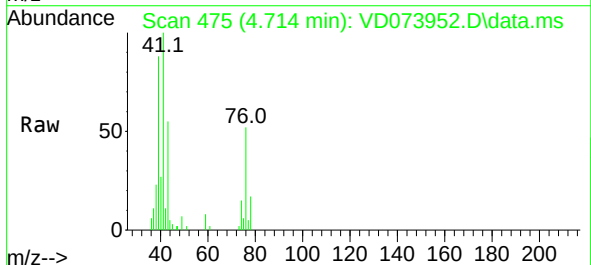


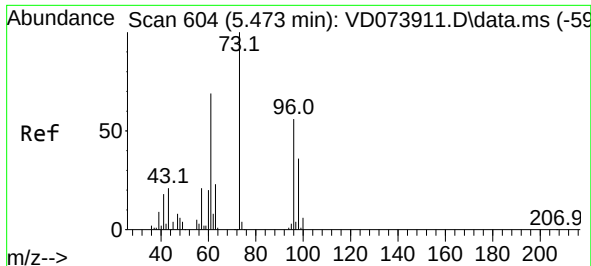
Tgt Ion: 76 Resp: 55850  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.3 10.9



#18  
Methyl Acetate  
Concen: 17.451 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion: 43 Resp: 14065  
Ion Ratio Lower Upper  
43 100  
74 27.9 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 18.226 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

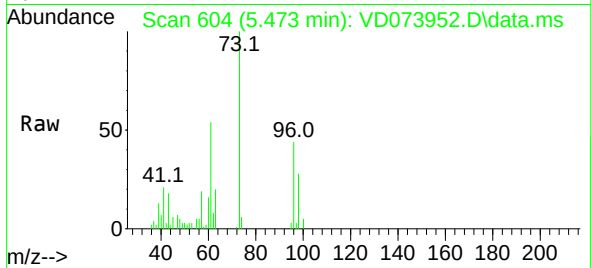
Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

ClientSampleId :

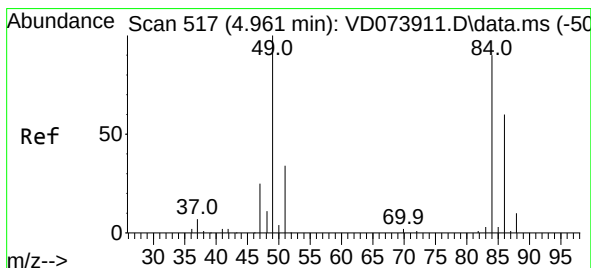
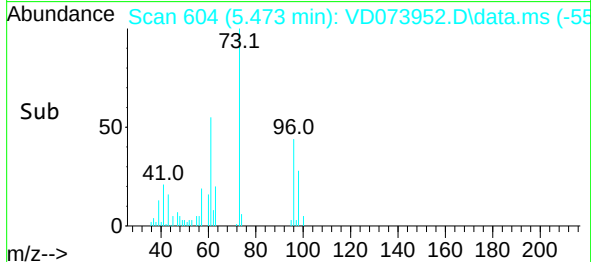
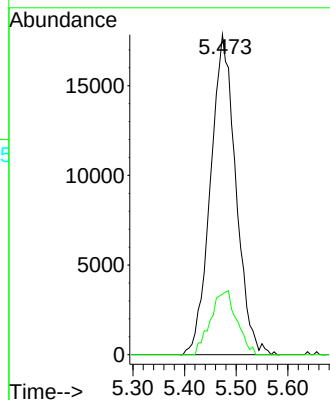


Tgt Ion: 73 Resp: 60837

Ion Ratio Lower Upper

73 100

57 18.9 17.0 25.4



#20

Methylene Chloride

Concen: 15.738 ug/l

RT: 4.950 min Scan# 515

Delta R.T. -0.011 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Tgt Ion: 84 Resp: 45215

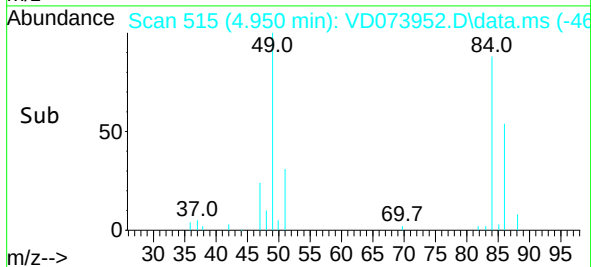
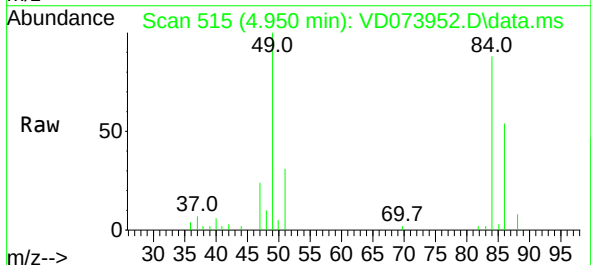
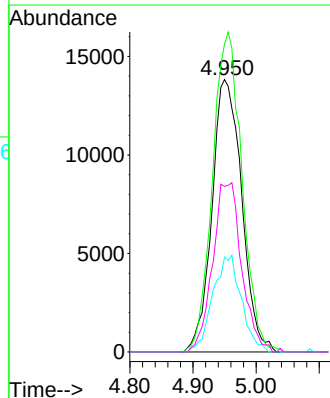
Ion Ratio Lower Upper

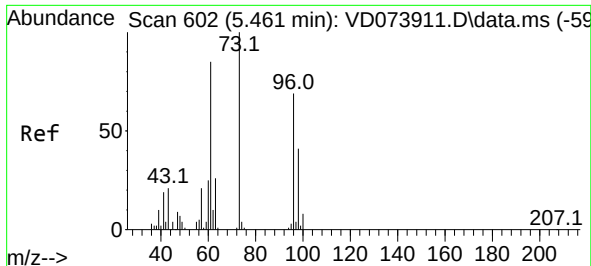
84 100

49 113.1 89.1 133.7

51 34.8 29.8 44.8

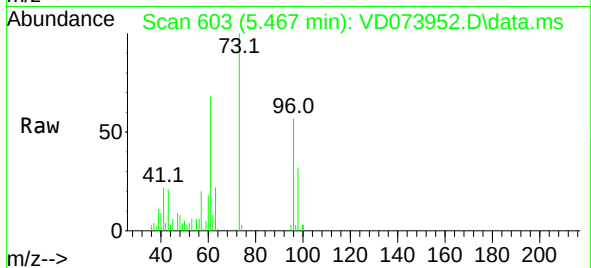
86 60.8 53.4 80.0



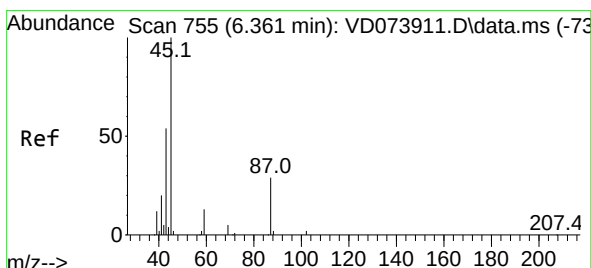
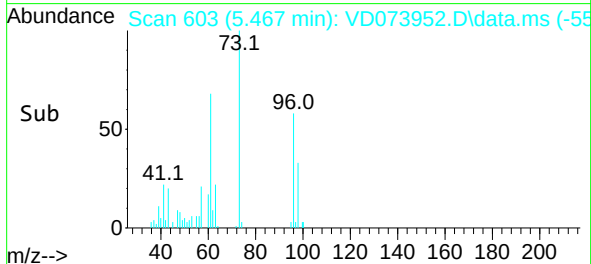
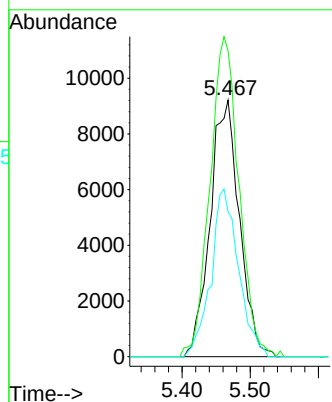


#21  
trans-1,2-Dichloroethene  
Concen: 16.735 ug/l  
RT: 5.467 min Scan# 602  
Delta R.T. 0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Instrument :  
MSVOA\_D  
ClientSampleId :

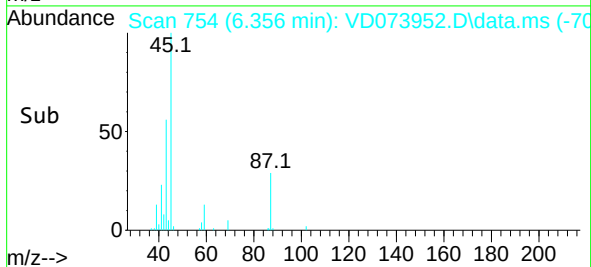
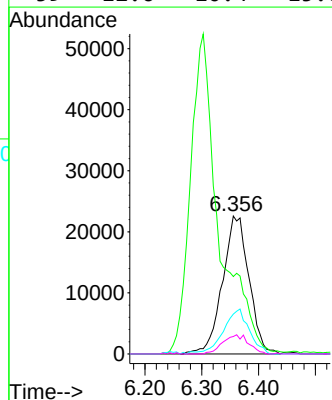
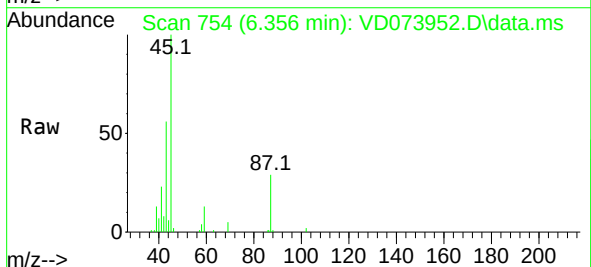


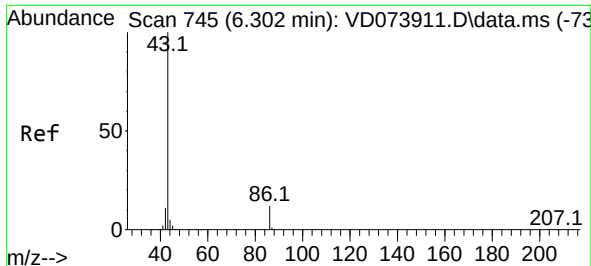
Tgt Ion: 96 Resp: 27497  
Ion Ratio Lower Upper  
96 100  
61 119.3 98.7 148.1  
98 56.5 47.3 70.9



#22  
Diisopropyl ether  
Concen: 18.057 ug/l  
RT: 6.356 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion: 45 Resp: 73083  
Ion Ratio Lower Upper  
45 100  
43 54.6 46.2 69.4  
87 28.9 24.0 36.0  
59 12.6 10.4 15.6

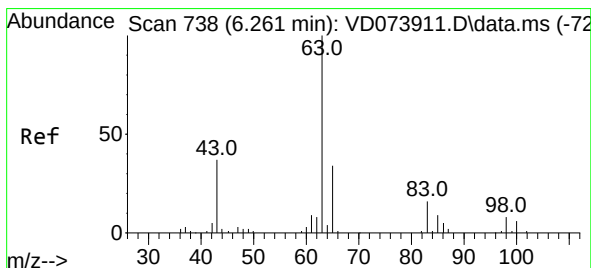
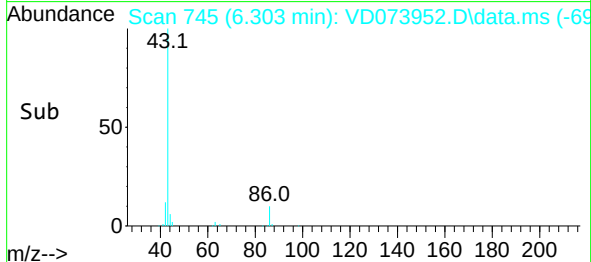
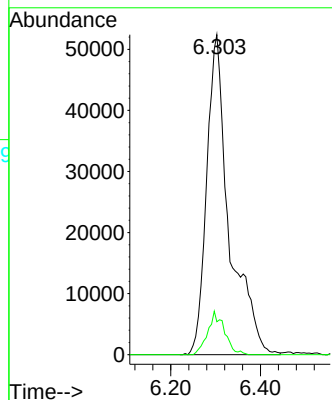
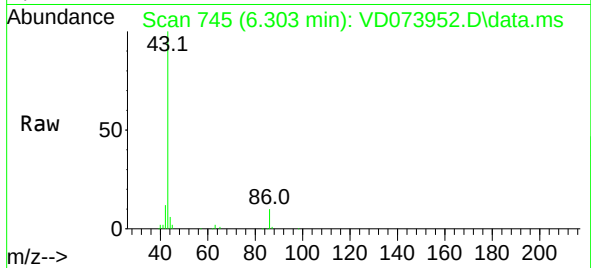




#23  
 Vinyl Acetate  
 Concen: 85.844 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. 0.000 min  
 Lab File: VD073952.D  
 Acq: 04 Aug 2022 14:43

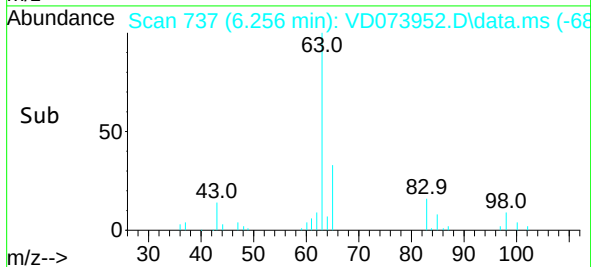
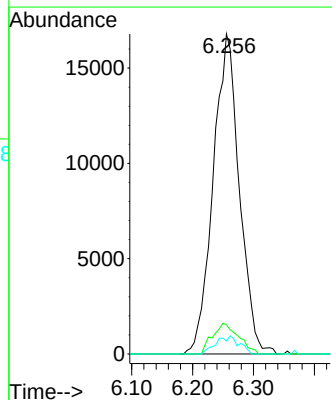
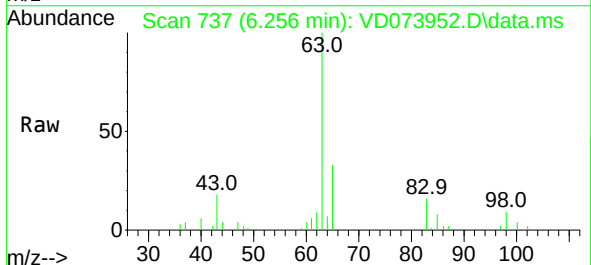
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion: 43 Resp: 183626  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 9.7 14.5

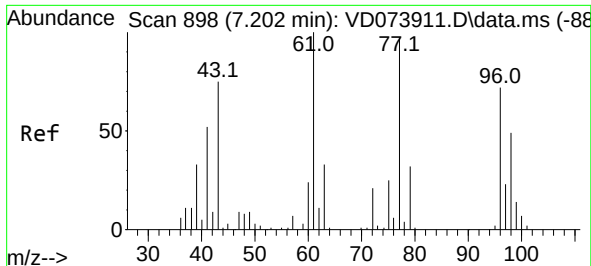


#24  
 1,1-Dichloroethane  
 Concen: 18.351 ug/l  
 RT: 6.256 min Scan# 737  
 Delta R.T. -0.006 min  
 Lab File: VD073952.D  
 Acq: 04 Aug 2022 14:43

Tgt Ion: 63 Resp: 50239  
 Ion Ratio Lower Upper  
 63 100  
 98 9.1 3.9 11.5  
 100 4.1 2.8 8.4



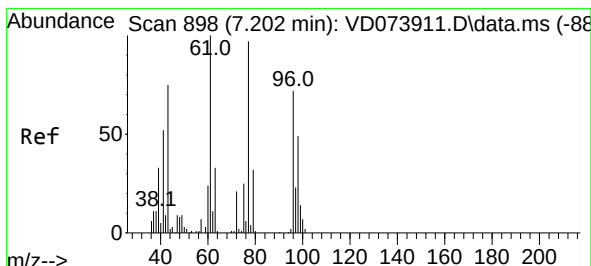
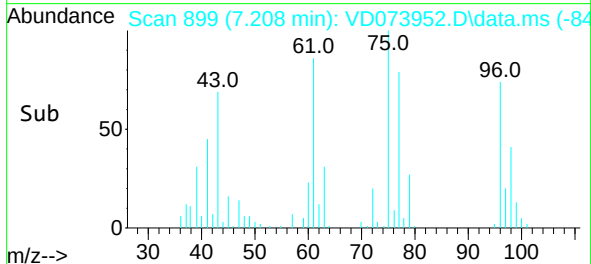
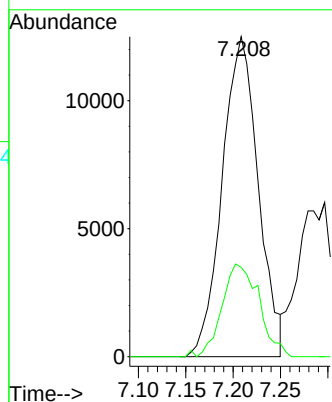
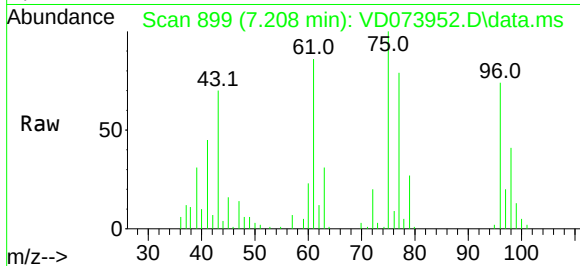




#25  
2-Butanone  
Concen: 86.547 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. 0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

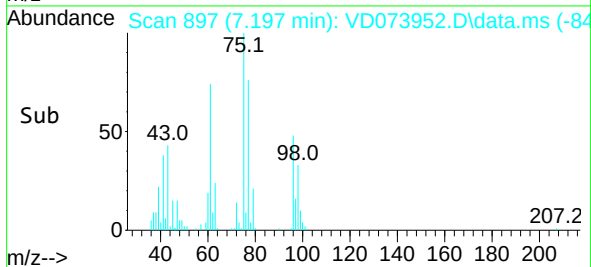
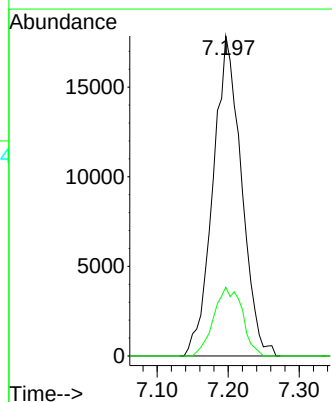
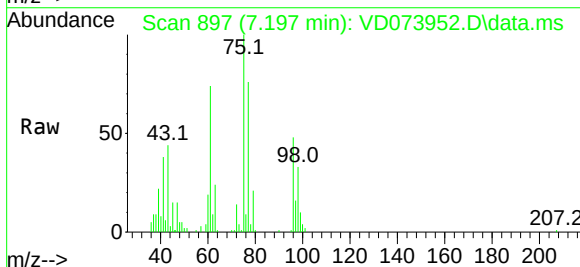
Instrument :  
MSVOA\_D  
ClientSampleId :

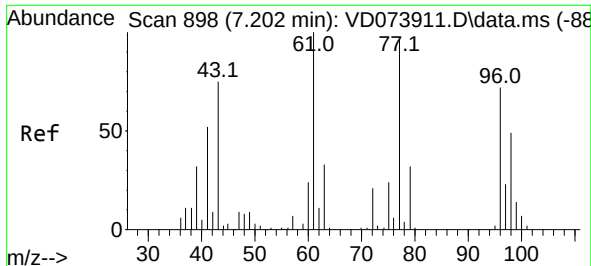
Tgt Ion: 43 Resp: 33008  
Ion Ratio Lower Upper  
43 100  
72 27.9 22.7 34.1



#26  
2,2-Dichloropropane  
Concen: 17.891 ug/l  
RT: 7.197 min Scan# 897  
Delta R.T. -0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion: 77 Resp: 49527  
Ion Ratio Lower Upper  
77 100  
97 21.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 17.573 ug/l

RT: 7.208 min Scan# 898

Delta R.T. 0.006 min

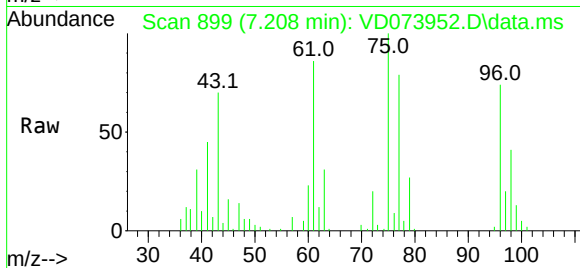
Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

ClientSampleId :



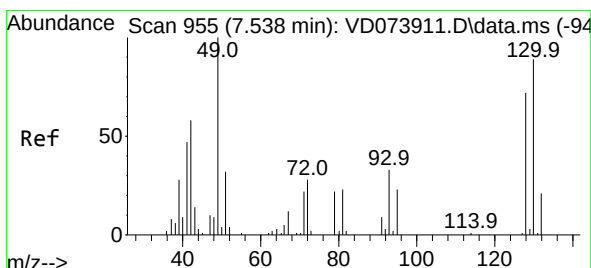
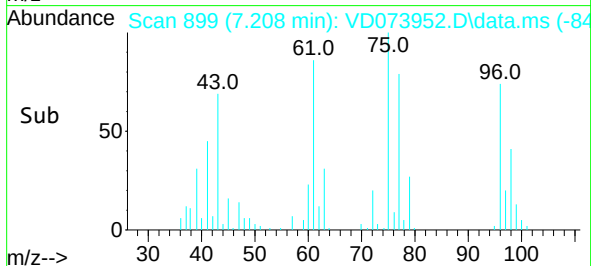
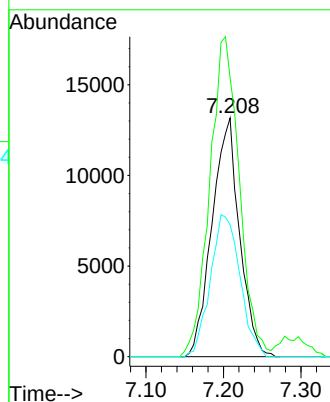
Tgt Ion: 96 Resp: 32506

Ion Ratio Lower Upper

96 100

61 143.8 0.0 272.0

98 64.1 0.0 129.2



#28

Bromochloromethane

Concen: 18.269 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.006 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

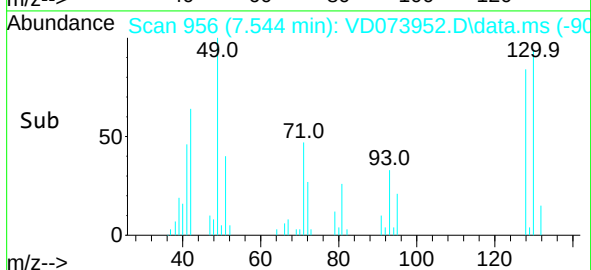
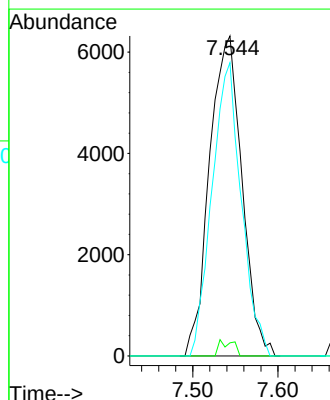
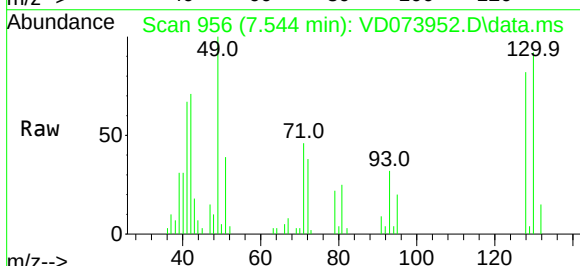
Tgt Ion: 49 Resp: 16691

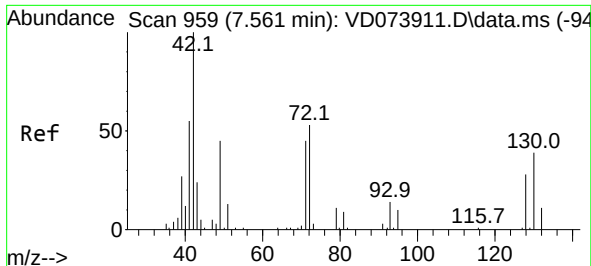
Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.4

130 83.0 72.0 108.0





#29

Tetrahydrofuran

Concen: 91.656 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

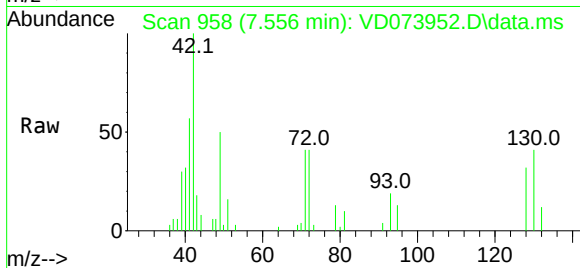
Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

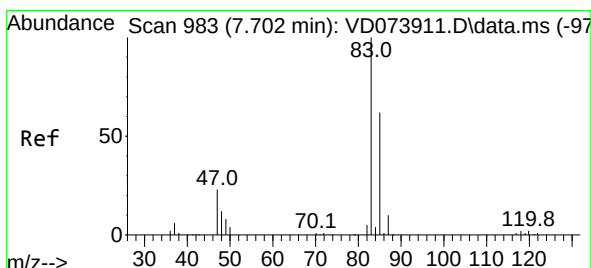
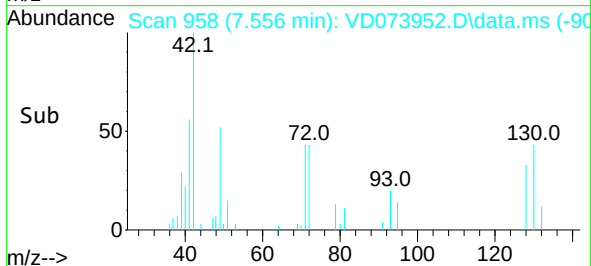
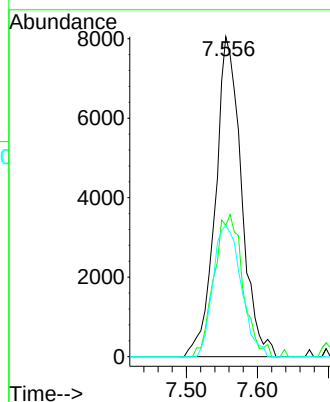
Instrument :

MSVOA\_D

ClientSampleId :



| Tgt Ion:  | 42   | Resp: | 20425 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 72        | 49.0 | 39.0  | 58.4  |
| 71        | 44.5 | 35.7  | 53.5  |



#30

Chloroform

Concen: 18.619 ug/l

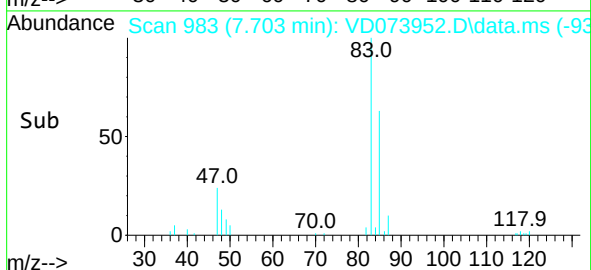
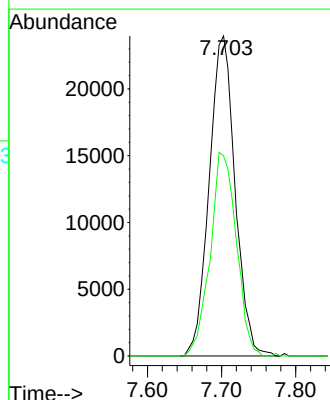
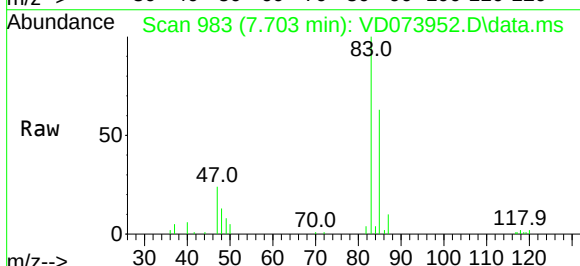
RT: 7.703 min Scan# 983

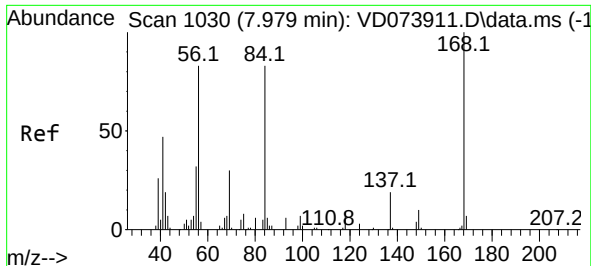
Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

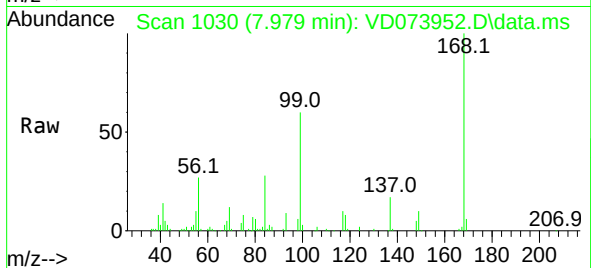
| Tgt Ion:  | 83   | Resp: | 58082 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 85        | 62.6 | 49.8  | 74.8  |



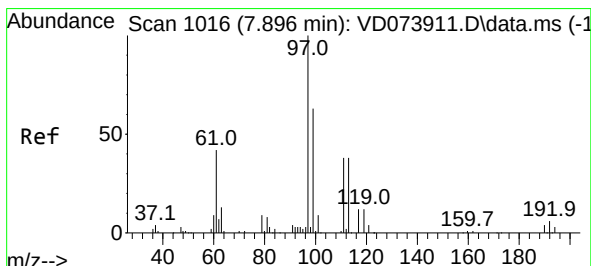
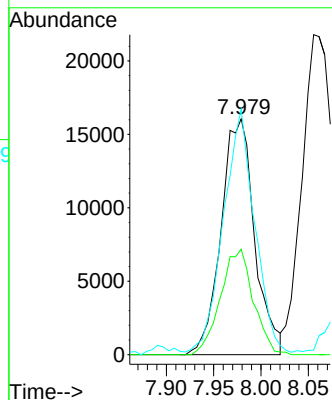
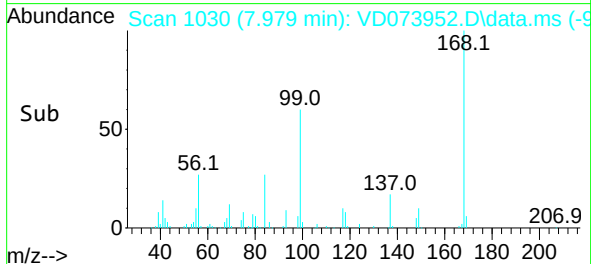


#31  
Cyclohexane  
Concen: 16.312 ug/l  
RT: 7.979 min Scan# 1015  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

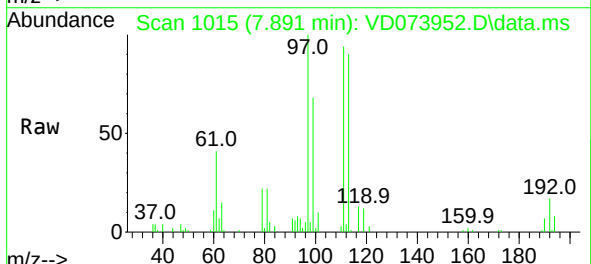
Instrument :  
MSVOA\_D  
ClientSampleId :



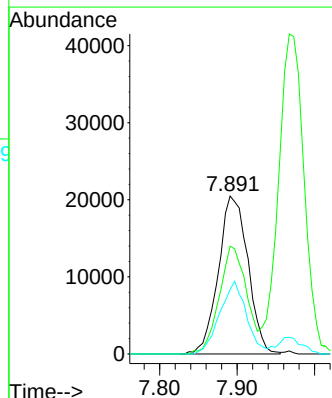
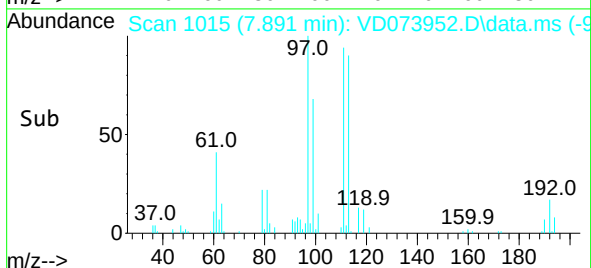
Tgt Ion: 56 Resp: 39472  
Ion Ratio Lower Upper  
56 100  
69 44.7 29.2 43.8#  
84 102.6 80.0 120.0

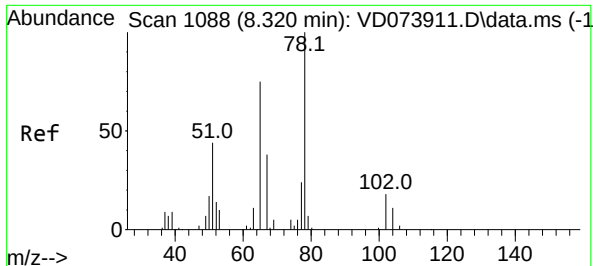


#32  
1,1,1-Trichloroethane  
Concen: 18.277 ug/l  
RT: 7.891 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43



Tgt Ion: 97 Resp: 54289  
Ion Ratio Lower Upper  
97 100  
99 62.9 52.0 78.0  
61 41.5 33.4 50.0





#33

1,2-Dichloroethane-d4

Concen: 49.206 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

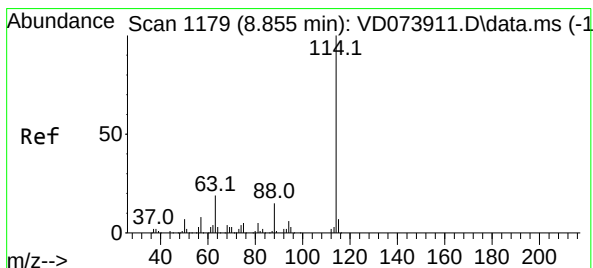
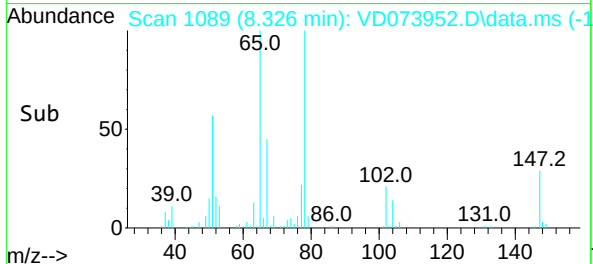
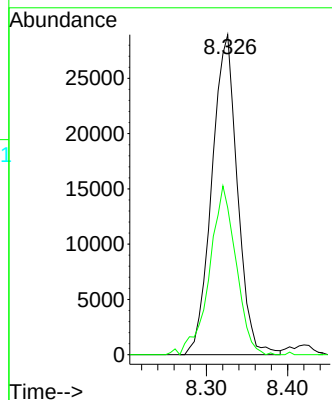
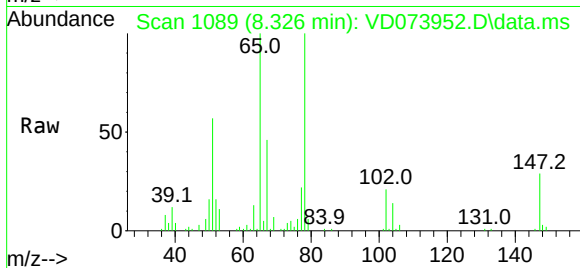
ClientSampleId :

Tgt Ion: 65 Resp: 63356

Ion Ratio Lower Upper

65 100

67 54.7 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

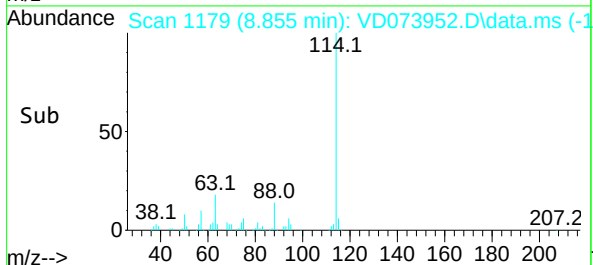
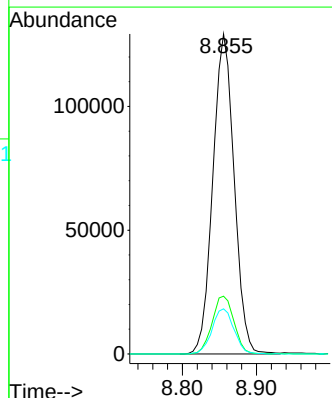
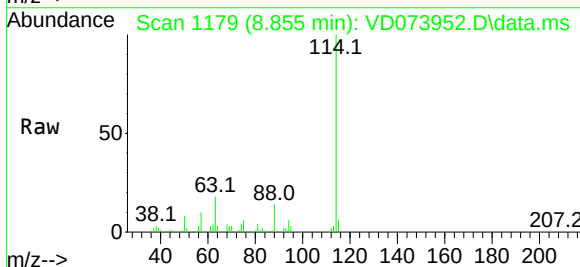
Tgt Ion: 114 Resp: 258229

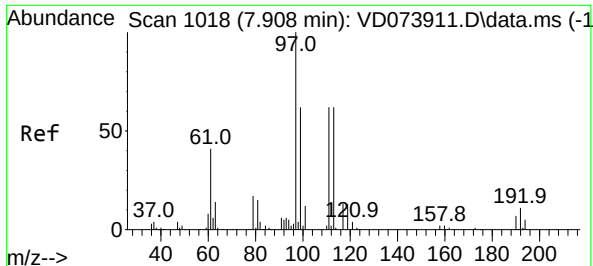
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.6

88 14.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 43.727 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.006 min

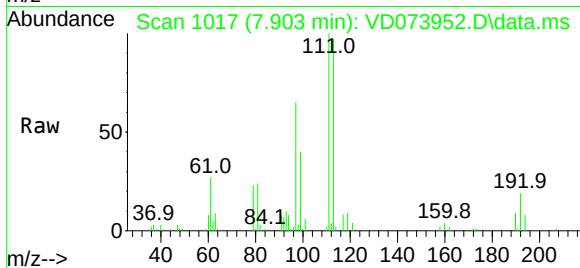
Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

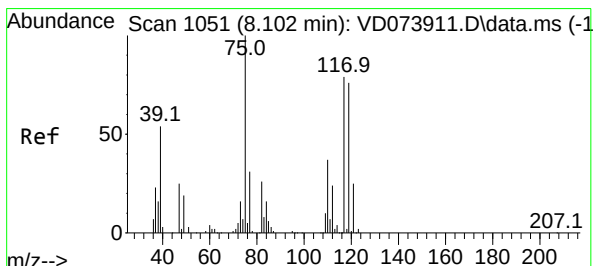
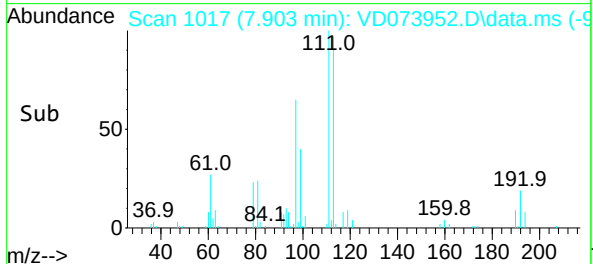
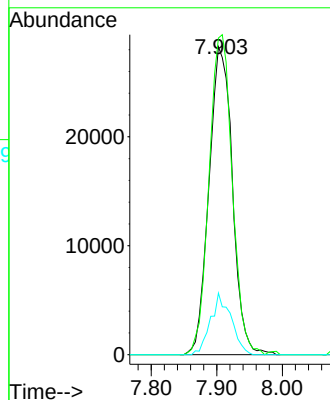
Instrument :

MSVOA\_D

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 70156 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.7 | 83.7  | 125.5 |
| 192      | 17.6  | 15.0  | 22.6  |



#36

1,1-Dichloropropene

Concen: 16.783 ug/l

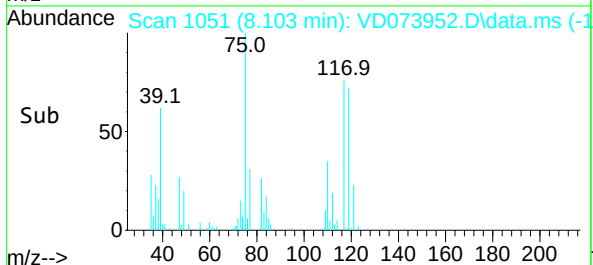
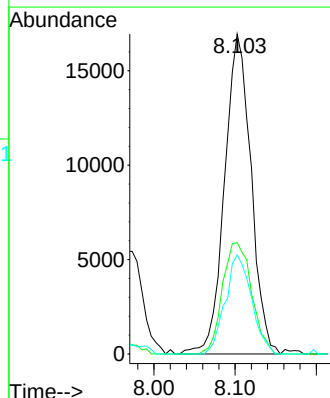
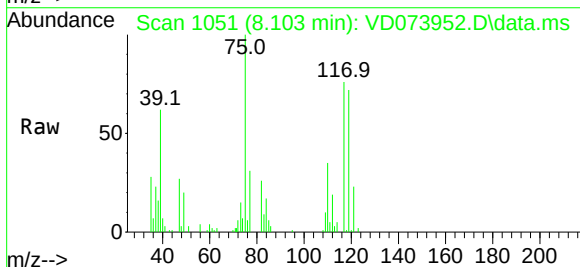
RT: 8.103 min Scan# 1051

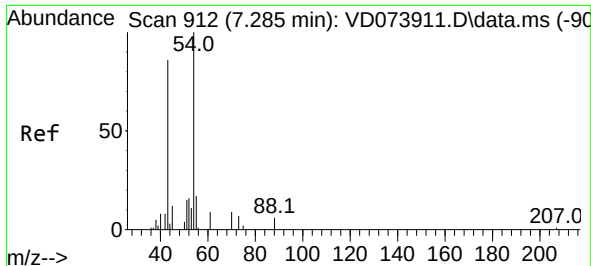
Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 38351 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 38.3  | 18.1  | 54.1  |
| 77       | 30.6  | 24.7  | 37.1  |





#37

Ethyl Acetate

Concen: 19.646 ug/l

RT: 7.297 min Scan# 912

Delta R.T. 0.012 min

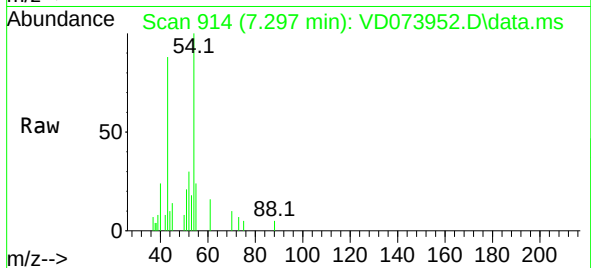
Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

ClientSampleId :



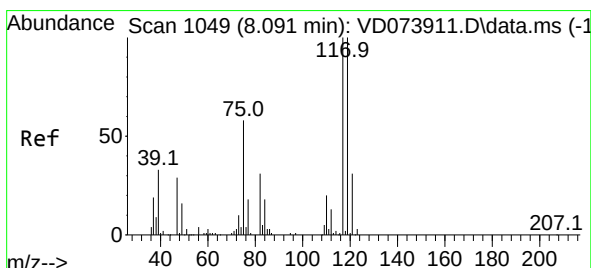
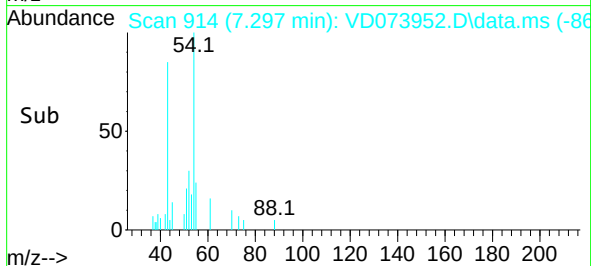
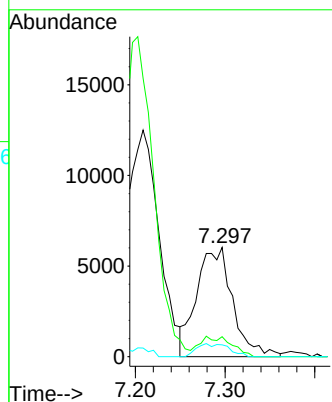
Tgt Ion: 43 Resp: 16719

Ion Ratio Lower Upper

43 100

61 16.4 12.7 19.1

70 5.3 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 18.146 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

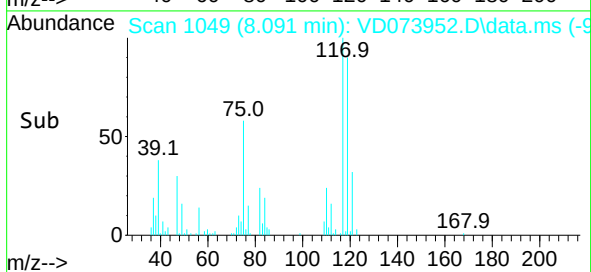
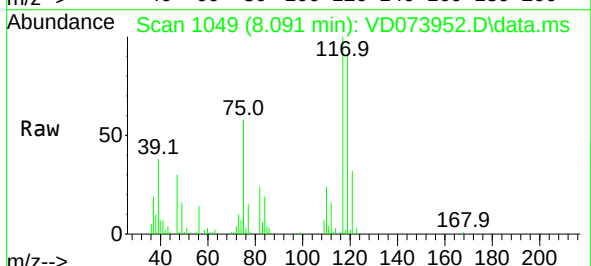
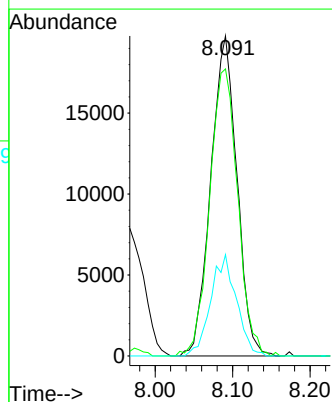
Tgt Ion: 117 Resp: 46451

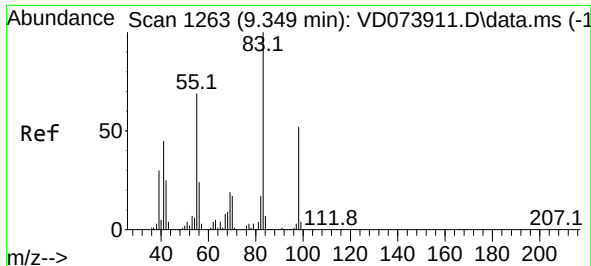
Ion Ratio Lower Upper

117 100

119 89.7 79.6 119.4

121 31.7 24.4 36.6





#39

Methylcyclohexane

Concen: 15.842 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

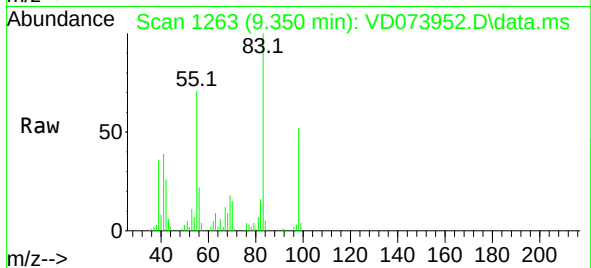
Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

ClientSampleId :



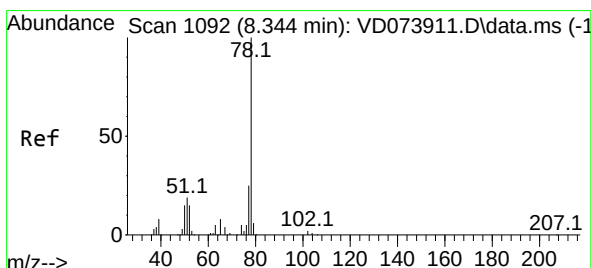
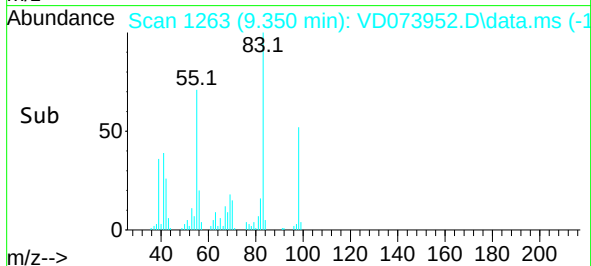
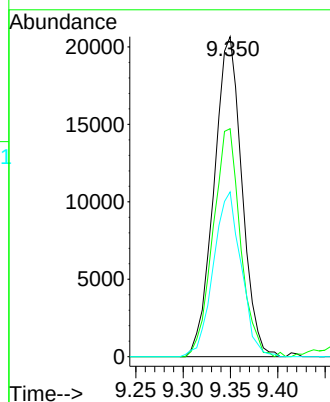
Tgt Ion: 83 Resp: 42433

Ion Ratio Lower Upper

83 100

55 71.2 55.6 83.4

98 51.5 41.6 62.4



#40

Benzene

Concen: 17.695 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073952.D

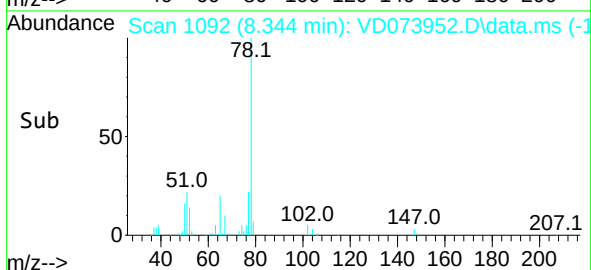
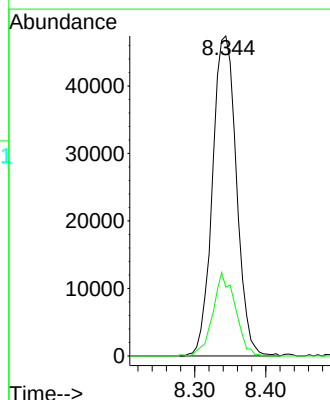
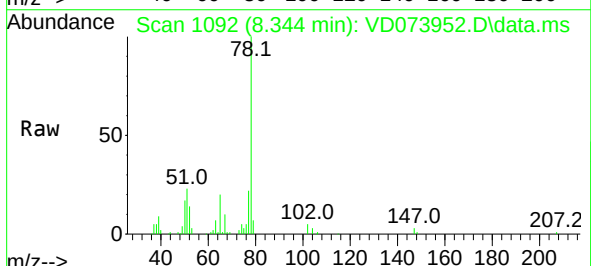
Acq: 04 Aug 2022 14:43

Tgt Ion: 78 Resp: 110956

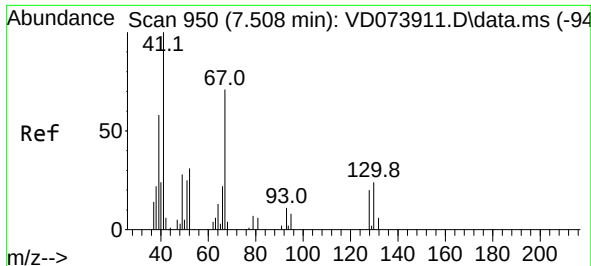
Ion Ratio Lower Upper

78 100

77 21.5 19.8 29.6

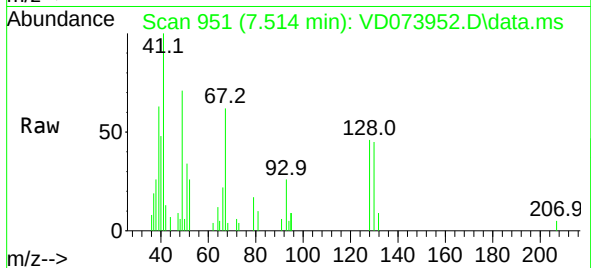




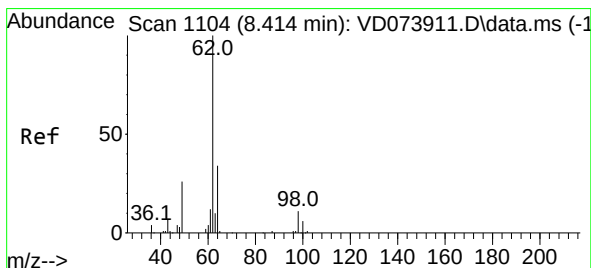
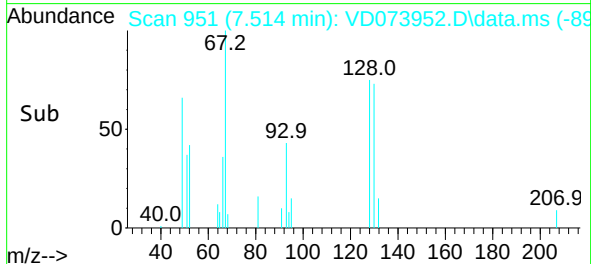
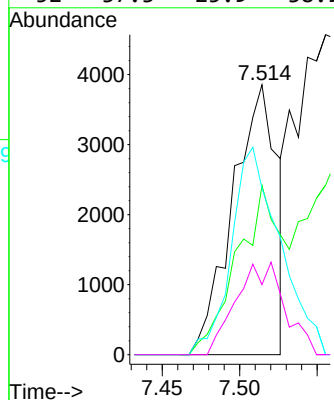


#41  
Methacrylonitrile  
Concen: 15.596 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Instrument :  
MSVOA\_D  
ClientSampleId :

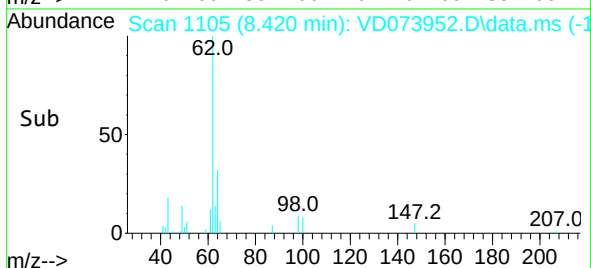
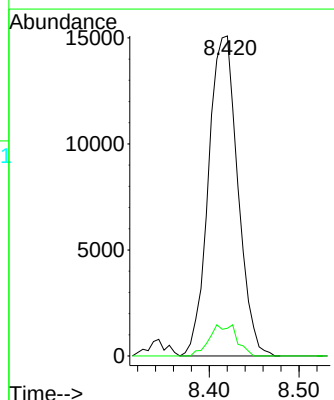
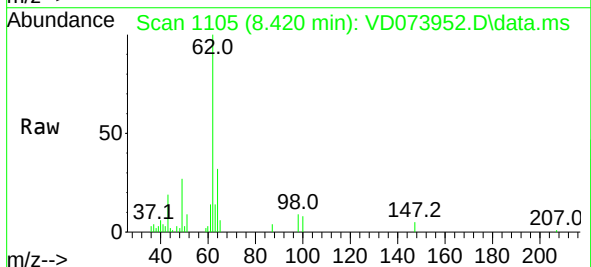


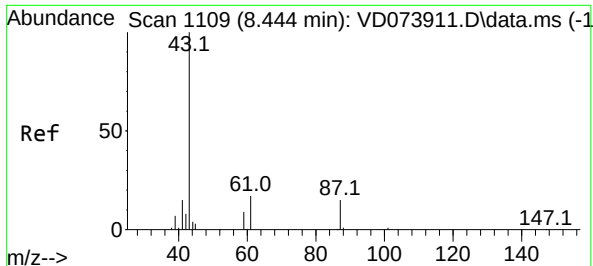
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 7662  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 64.7  | 46.6  | 69.8  |
| 67       | 84.5  | 61.0  | 91.4  |
| 52       | 37.3  | 25.9  | 38.9  |



#42  
1,2-Dichloroethane  
Concen: 17.800 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

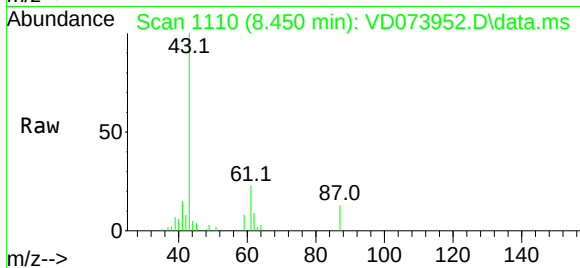
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 34256 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.1   | 0.0   | 19.8  |



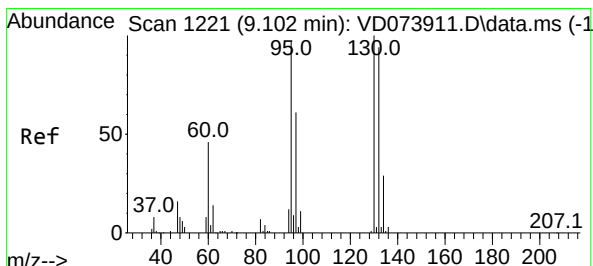
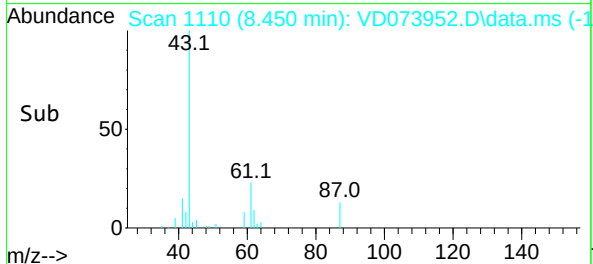
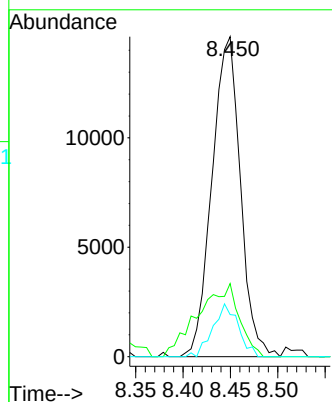


#43  
Isopropyl Acetate  
Concen: 18.117 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. 0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Instrument :  
MSVOA\_D  
ClientSampleId :

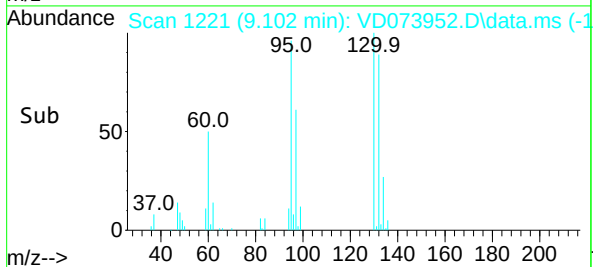
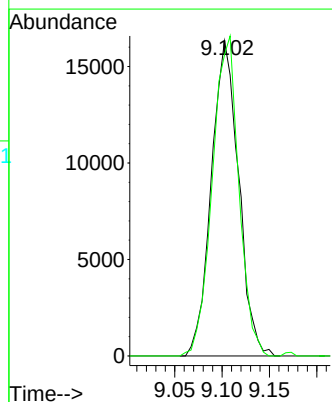
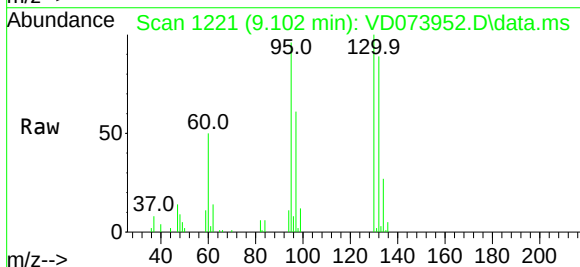


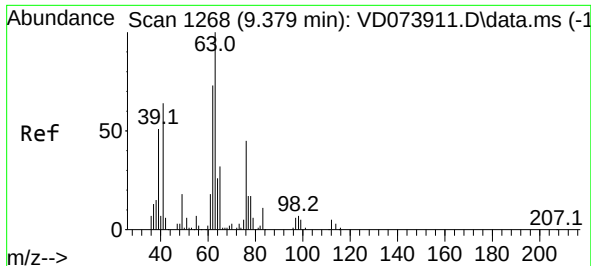
Tgt Ion: 43 Resp: 30531  
Ion Ratio Lower Upper  
43 100  
61 33.0 24.6 37.0  
87 14.7 12.2 18.2



#44  
Trichloroethene  
Concen: 17.315 ug/l  
RT: 9.102 min Scan# 1221  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion: 130 Resp: 32707  
Ion Ratio Lower Upper  
130 100  
95 95.6 0.0 194.2





#45

1,2-Dichloropropane

Concen: 18.279 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

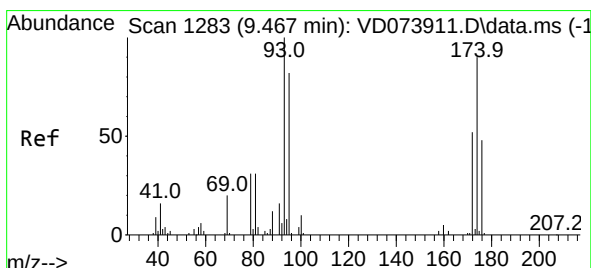
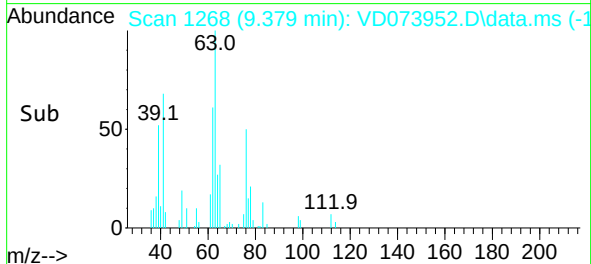
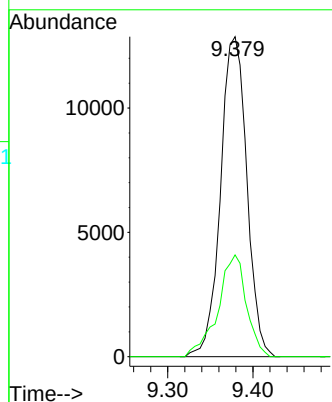
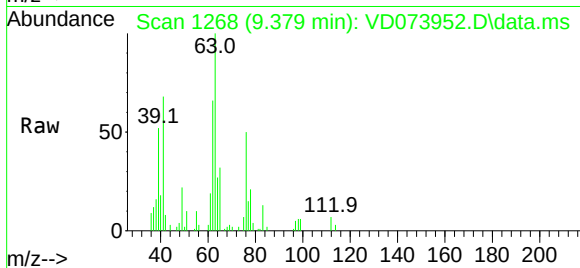
ClientSampleId :

Tgt Ion: 63 Resp: 27579

Ion Ratio Lower Upper

63 100

65 31.8 26.0 39.0



#46

Dibromomethane

Concen: 17.923 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

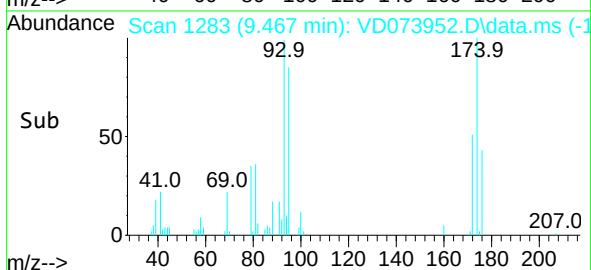
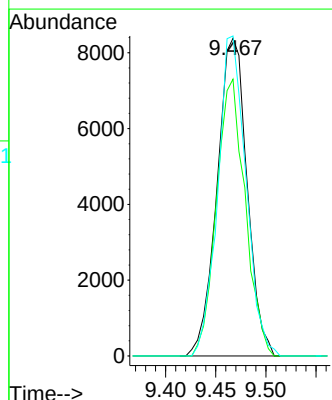
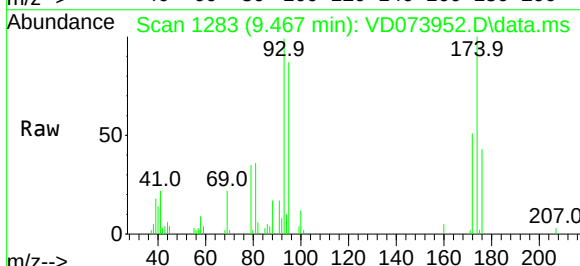
Tgt Ion: 93 Resp: 17393

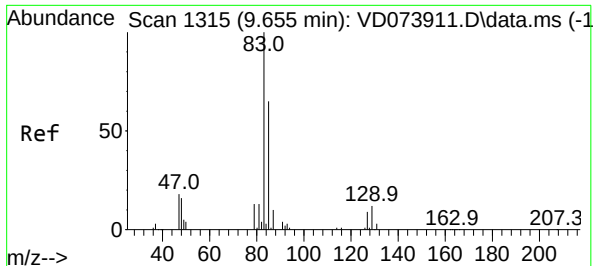
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.2

174 94.7 76.4 114.6





#47

Bromodichloromethane

Concen: 18.511 ug/l

RT: 9.650 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

ClientSampleId :

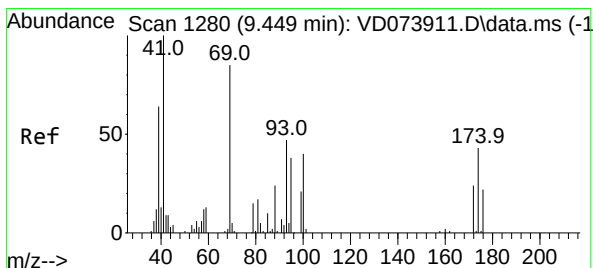
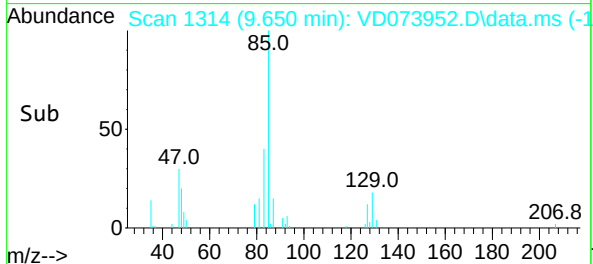
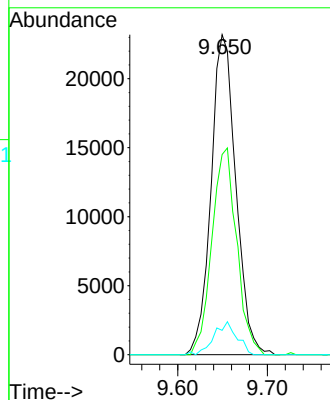
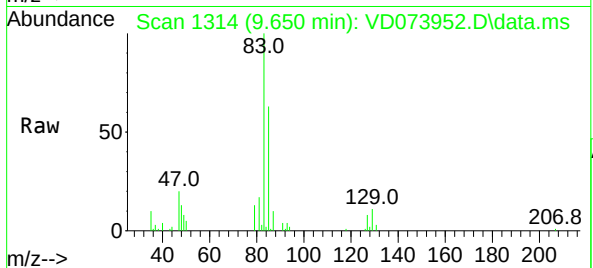
Tgt Ion: 83 Resp: 44497

Ion Ratio Lower Upper

83 100

85 62.5 51.7 77.5

127 7.6 7.0 10.6



#48

Methyl methacrylate

Concen: 17.124 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.006 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

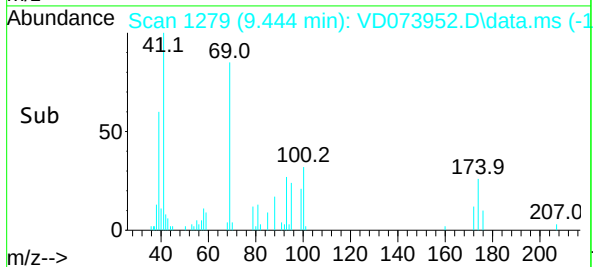
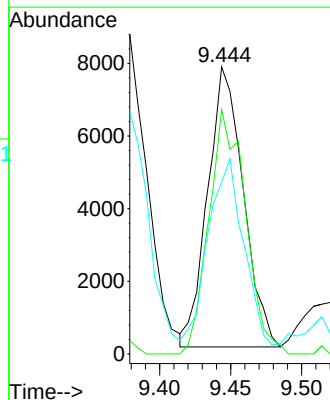
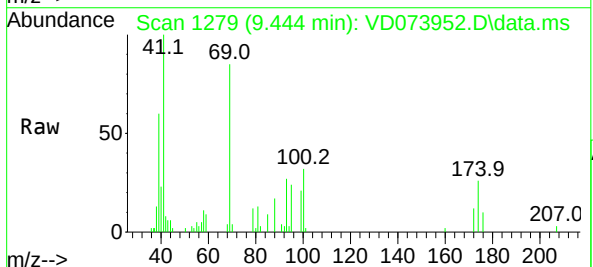
Tgt Ion: 41 Resp: 13467

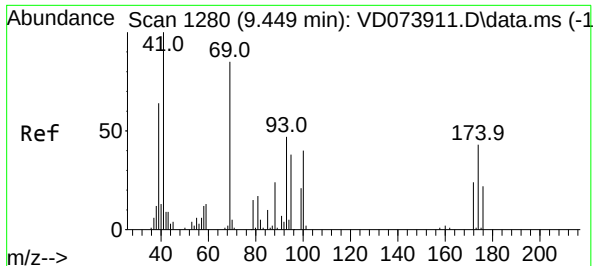
Ion Ratio Lower Upper

41 100

69 89.6 68.3 102.5

39 65.6 48.7 73.1





#49

1,4-Dioxane

Concen: 405.565 ug/l

RT: 9.450 min Scan# 11

Delta R.T. 0.000 min

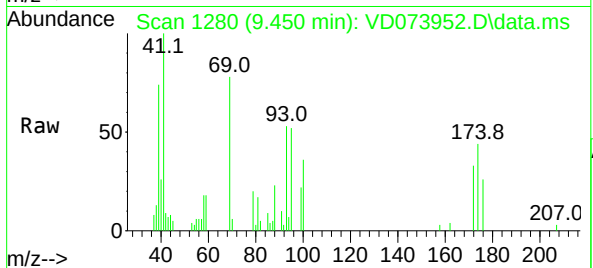
Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

ClientSampleId :



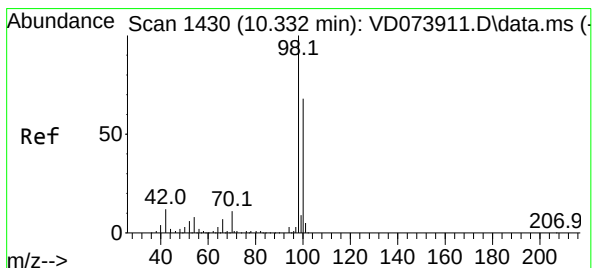
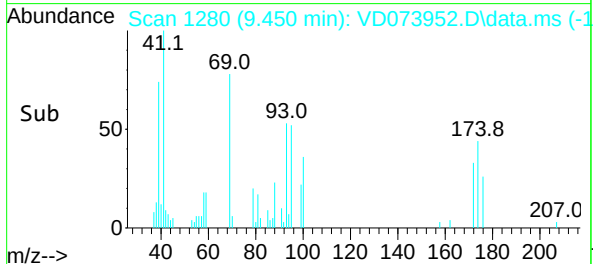
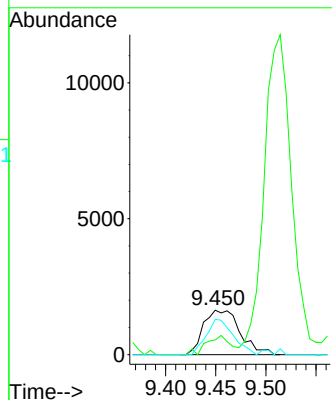
Tgt Ion: 88 Resp: 4148

Ion Ratio Lower Upper

88 100

43 29.0 27.4 41.0

58 58.7 51.9 77.9



#50

Toluene-d8

Concen: 40.641 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073952.D

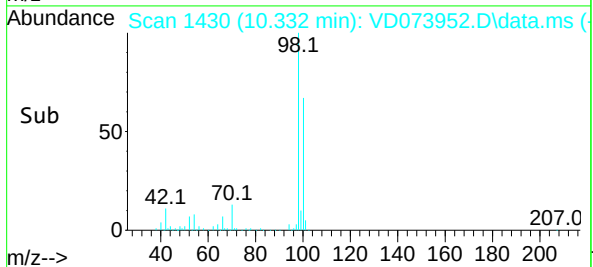
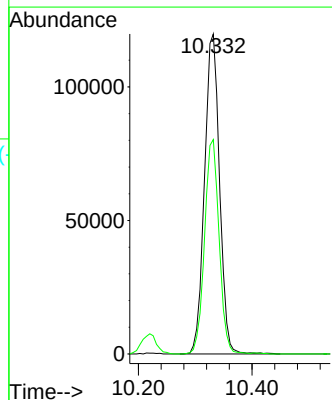
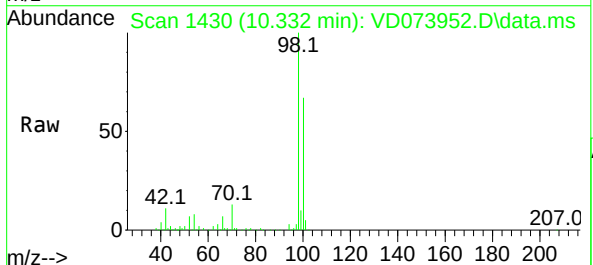
Acq: 04 Aug 2022 14:43

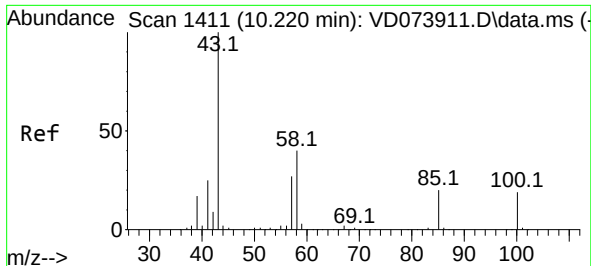
Tgt Ion: 98 Resp: 219644

Ion Ratio Lower Upper

98 100

100 64.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 93.654 ug/l

RT: 10.220 min Scan# 1411

Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

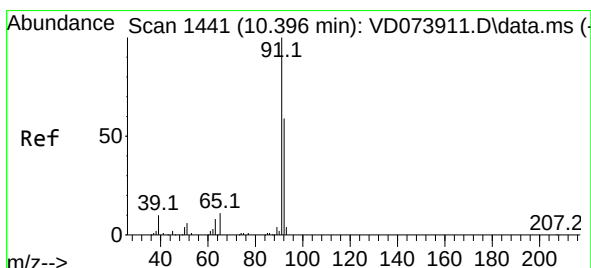
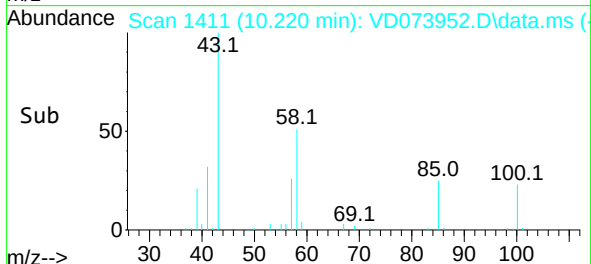
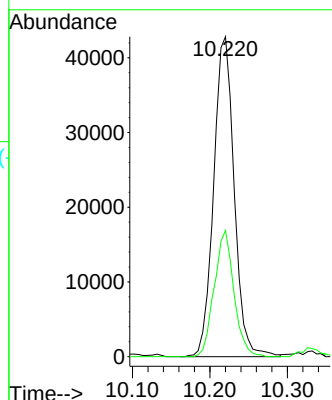
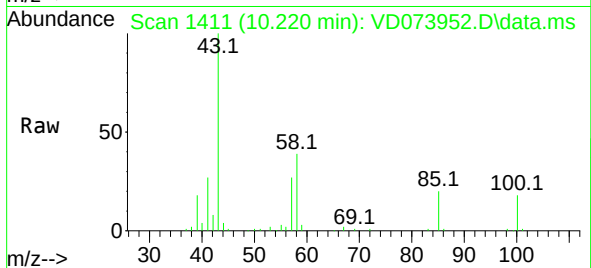
ClientSampleId :

Tgt Ion: 43 Resp: 78798

Ion Ratio Lower Upper

43 100

58 37.8 32.1 48.1



#52

Toluene

Concen: 17.318 ug/l

RT: 10.397 min Scan# 1441

Delta R.T. 0.000 min

Lab File: VD073952.D

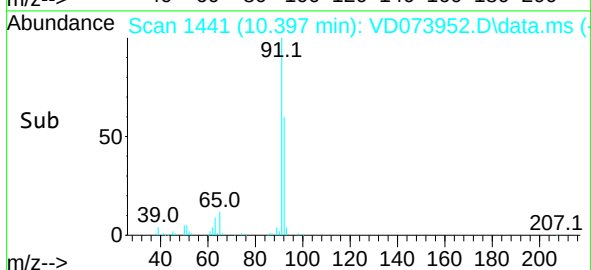
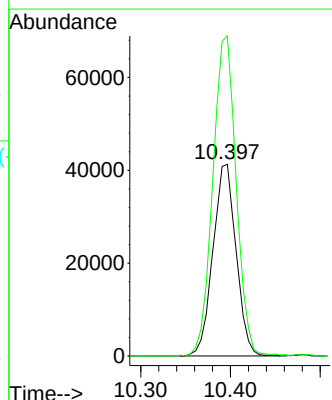
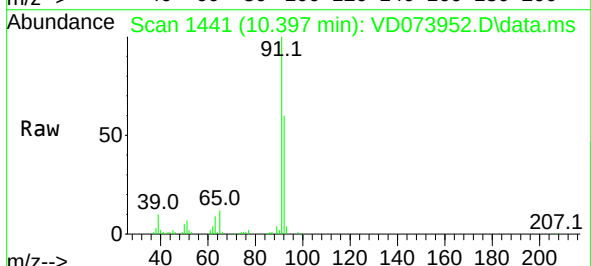
Acq: 04 Aug 2022 14:43

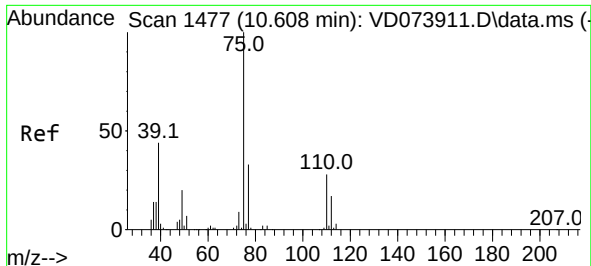
Tgt Ion: 92 Resp: 73892

Ion Ratio Lower Upper

92 100

91 169.1 137.7 206.5

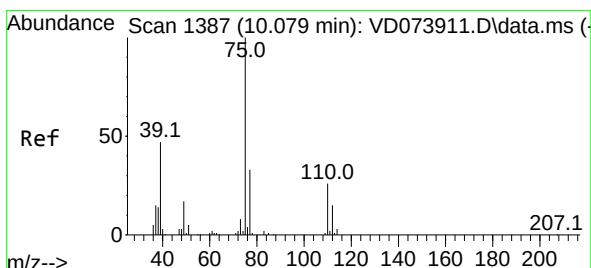
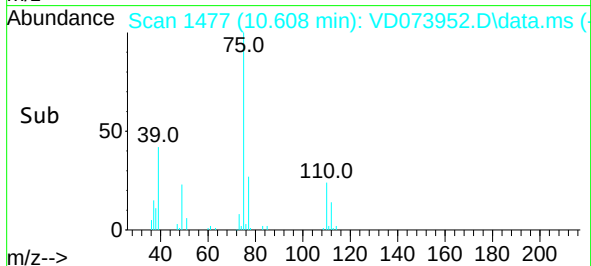
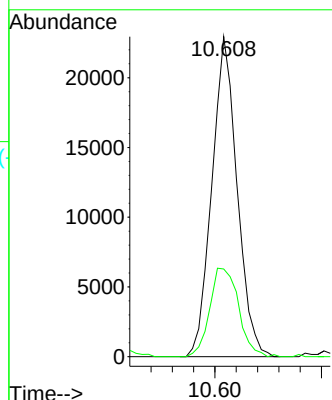
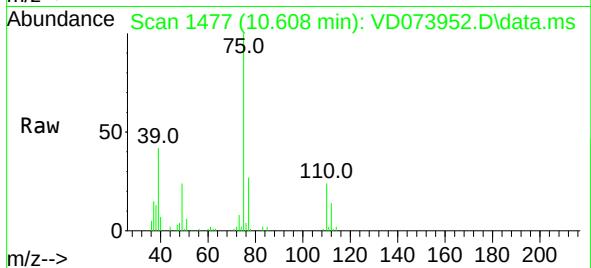




#53  
t-1,3-Dichloropropene  
Concen: 17.026 ug/l  
RT: 10.608 min Scan# 1477  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

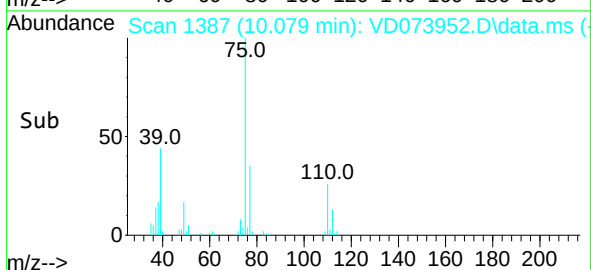
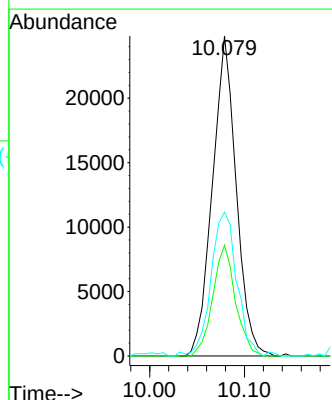
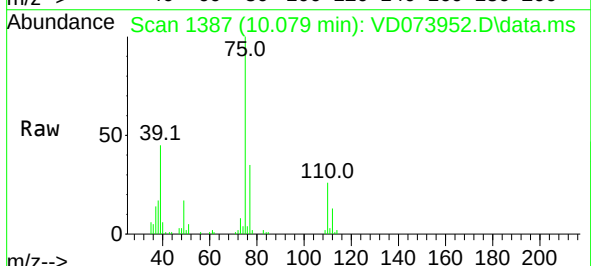
Instrument :  
MSVOA\_D  
ClientSampleId :

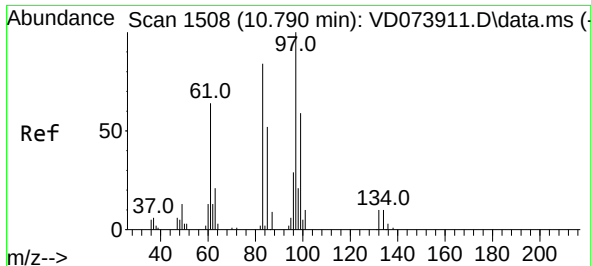
Tgt Ion: 75 Resp: 37675  
Ion Ratio Lower Upper  
75 100  
77 27.4 26.6 39.8



#54  
cis-1,3-Dichloropropene  
Concen: 17.236 ug/l  
RT: 10.079 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

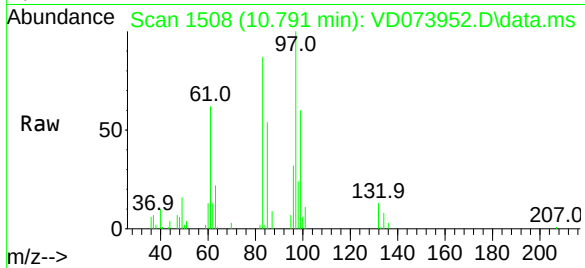
Tgt Ion: 75 Resp: 43180  
Ion Ratio Lower Upper  
75 100  
77 34.6 26.0 39.0  
39 44.9 37.8 56.6



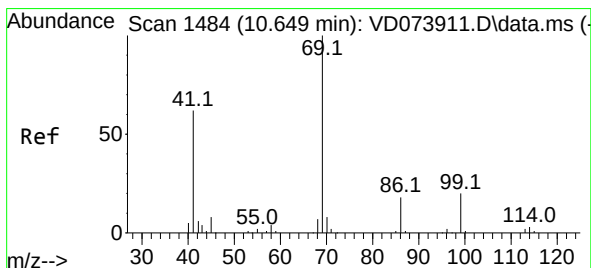
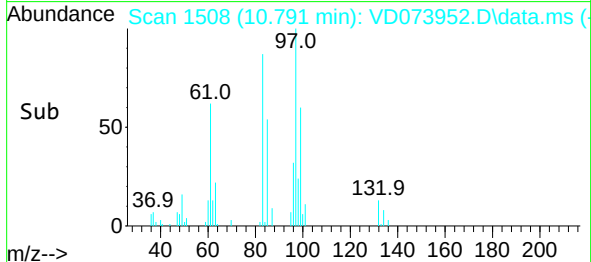
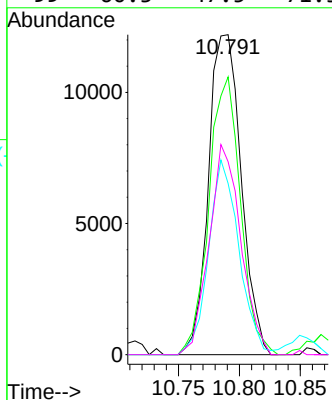


#55  
1,1,2-Trichloroethane  
Concen: 18.303 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Instrument :  
MSVOA\_D  
ClientSampleId :

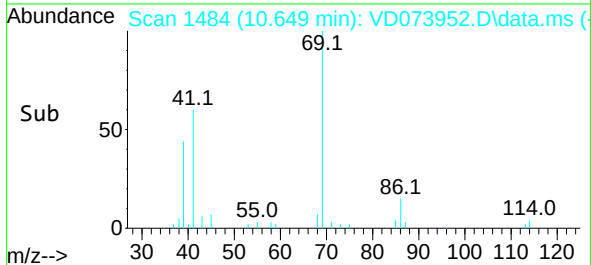
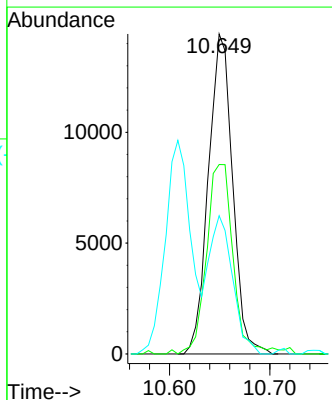
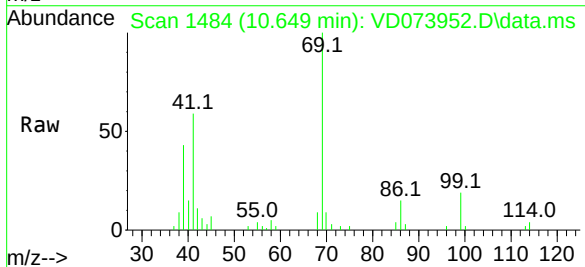


|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 22845 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.8     | 67.0 100.4  |
| 85 53.5     | 41.8 62.6   |
| 99 60.3     | 47.5 71.3   |

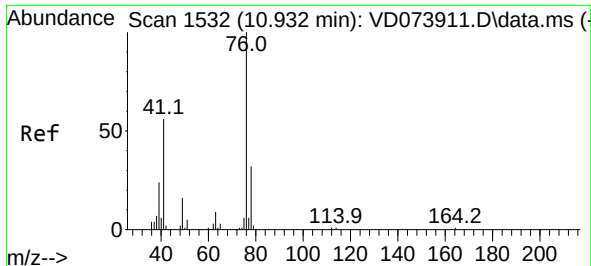


#56  
Ethyl methacrylate  
Concen: 17.053 ug/l  
RT: 10.649 min Scan# 1484  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 24235 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 65.9     | 51.9 77.9   |
| 39 42.3     | 32.1 48.1   |







#57

1,3-Dichloropropane

Concen: 18.225 ug/l

RT: 10.932 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

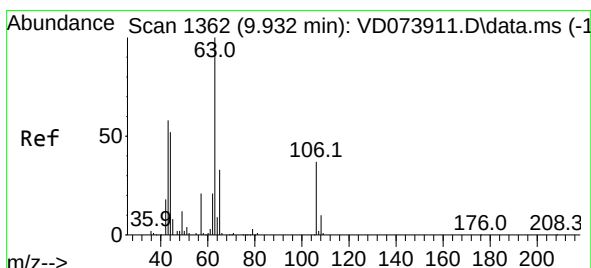
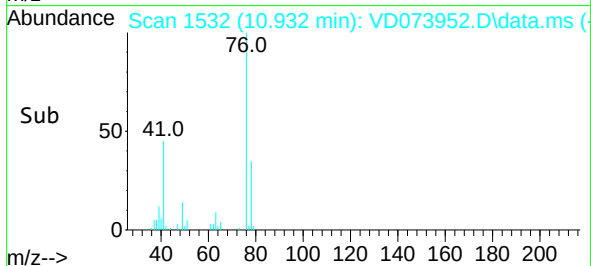
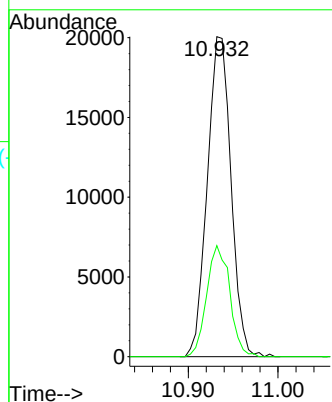
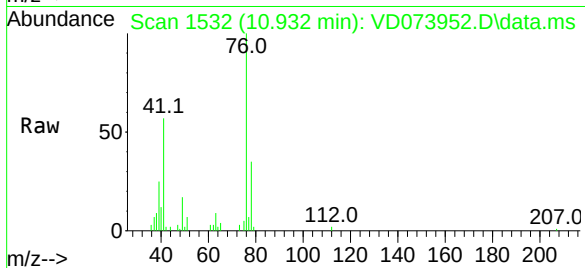
ClientSampleId :

Tgt Ion: 76 Resp: 36815

Ion Ratio Lower Upper

76 100

78 33.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 77.333 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073952.D

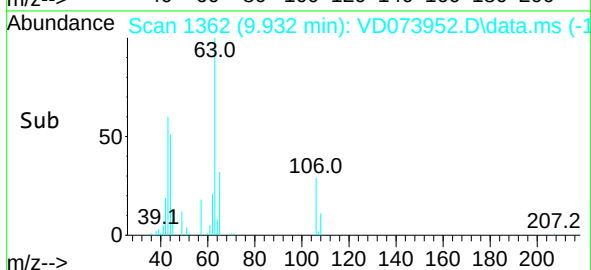
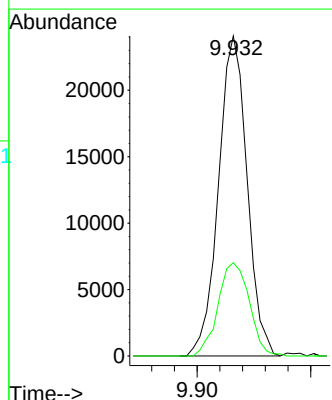
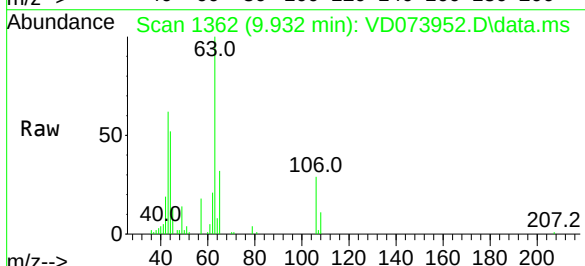
Acq: 04 Aug 2022 14:43

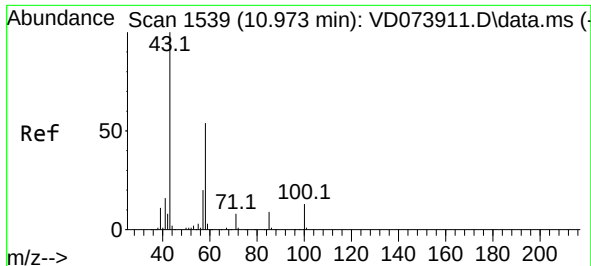
Tgt Ion: 63 Resp: 42057

Ion Ratio Lower Upper

63 100

106 31.9 26.3 39.5

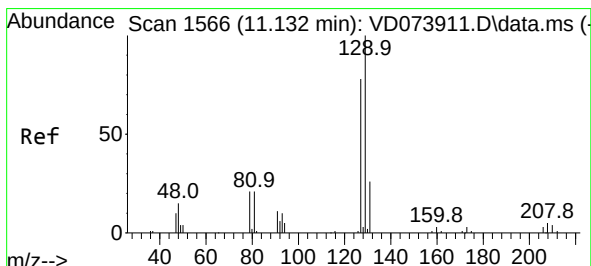
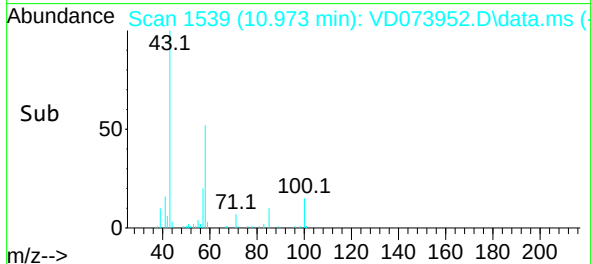
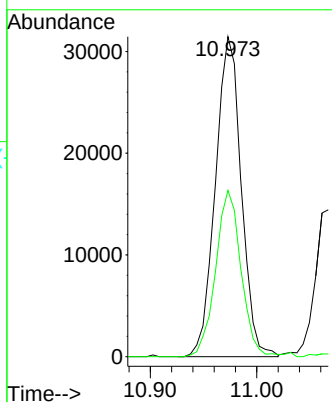
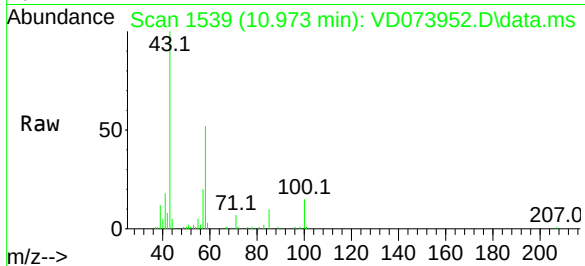




#59  
2-Hexanone  
Concen: 93.011 ug/l  
RT: 10.973 min Scan# 1539  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

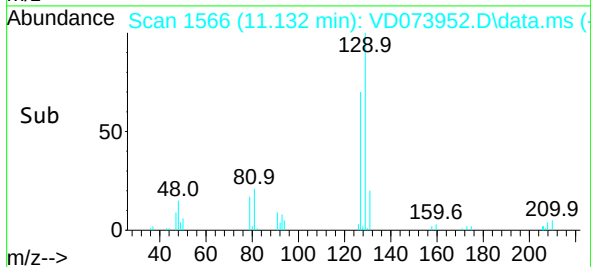
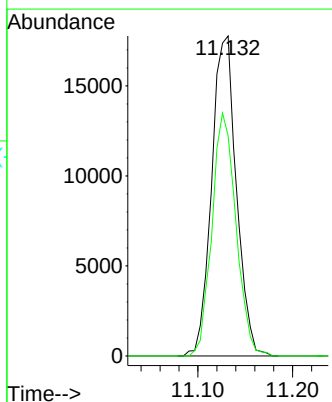
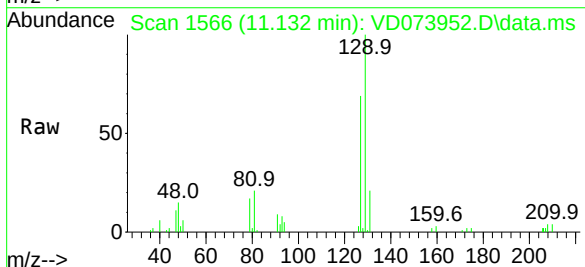
Instrument :  
MSVOA\_D  
ClientSampleId :

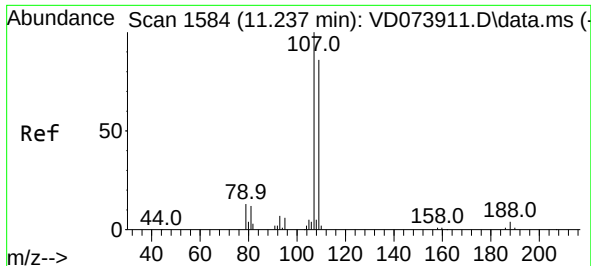
Tgt Ion: 43 Resp: 52956  
Ion Ratio Lower Upper  
43 100  
58 50.9 27.8 83.4



#60  
Dibromochloromethane  
Concen: 19.180 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion: 129 Resp: 32300  
Ion Ratio Lower Upper  
129 100  
127 73.7 39.4 118.2

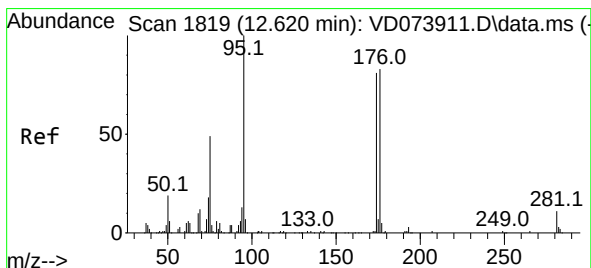
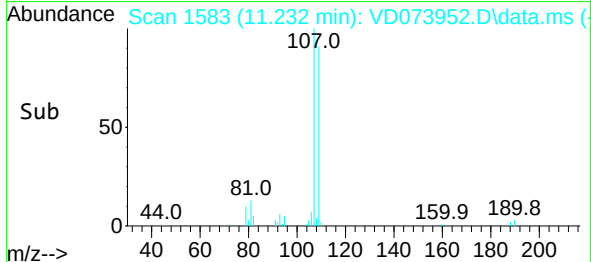
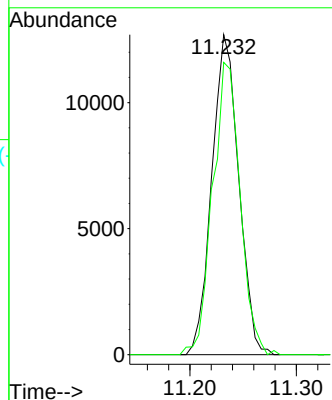
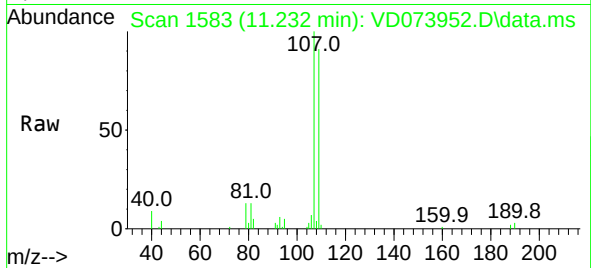




#61  
1,2-Dibromoethane  
Concen: 17.601 ug/l  
RT: 11.232 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

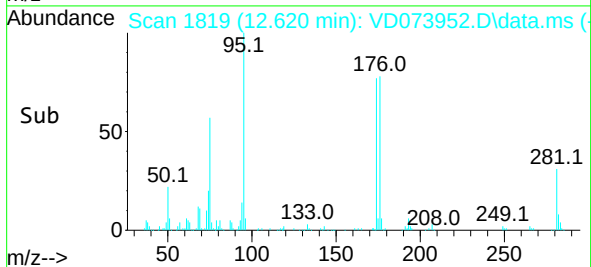
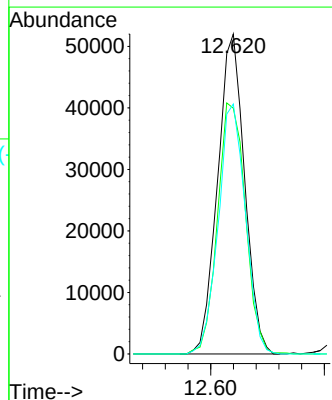
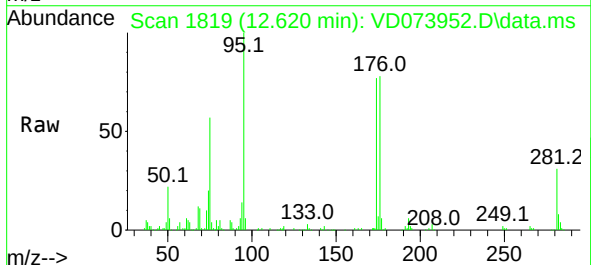
Instrument :  
MSVOA\_D  
ClientSampleId :

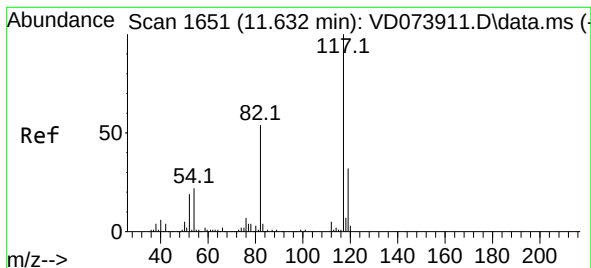
Tgt Ion:107 Resp: 22268  
Ion Ratio Lower Upper  
107 100  
109 93.3 73.8 110.8



#62  
4-Bromofluorobenzene  
Concen: 43.200 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion: 95 Resp: 85857  
Ion Ratio Lower Upper  
95 100  
174 81.0 0.0 164.2  
176 78.4 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

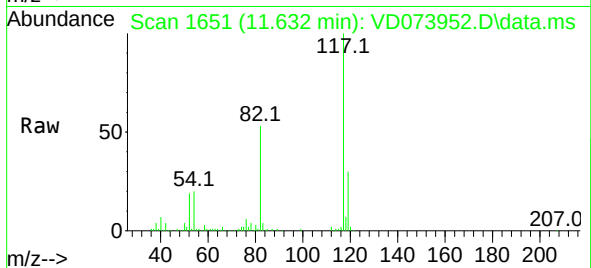
Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

ClientSampleId :



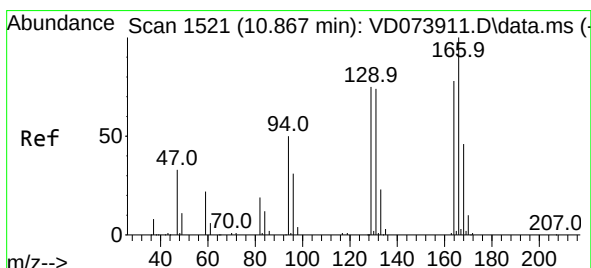
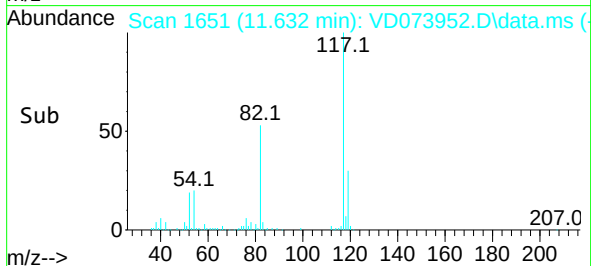
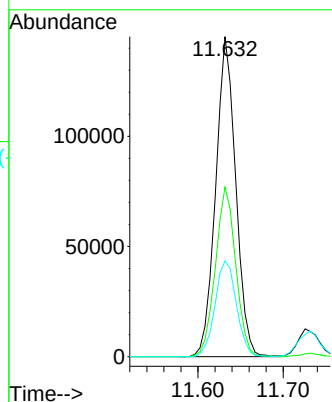
Tgt Ion:117 Resp: 237435

Ion Ratio Lower Upper

117 100

82 53.0 43.3 64.9

119 29.9 25.8 38.8



#64

Tetrachloroethene

Concen: 16.009 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Tgt Ion:164 Resp: 27051

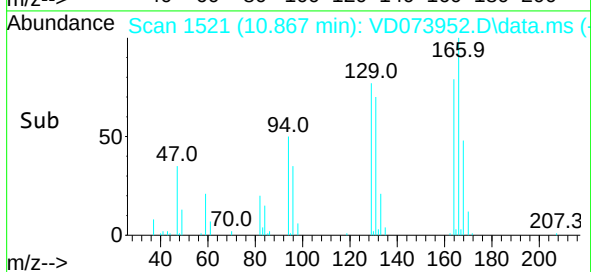
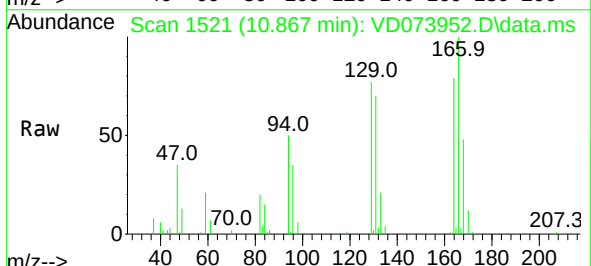
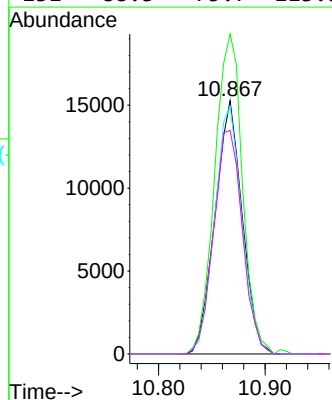
Ion Ratio Lower Upper

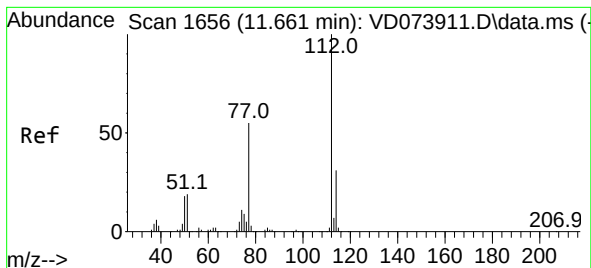
164 100

166 126.4 102.3 153.5

129 97.8 76.6 115.0

131 88.3 75.7 113.5

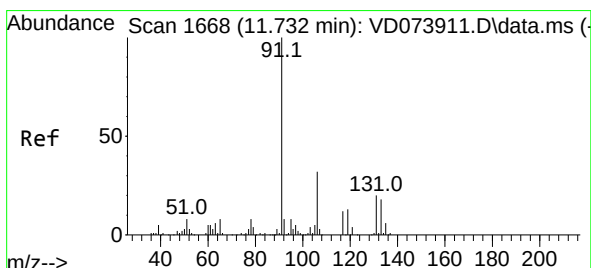
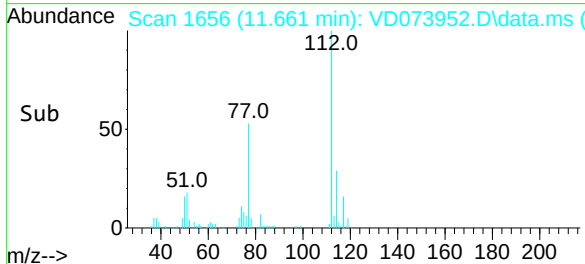
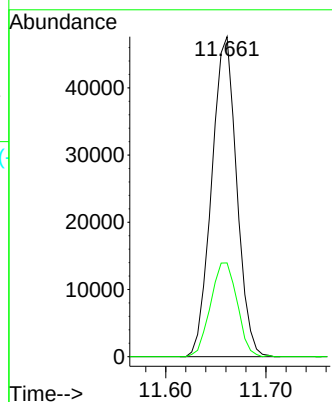
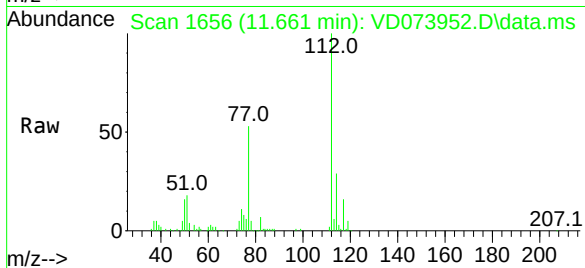




#65  
Chlorobenzene  
Concen: 17.512 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

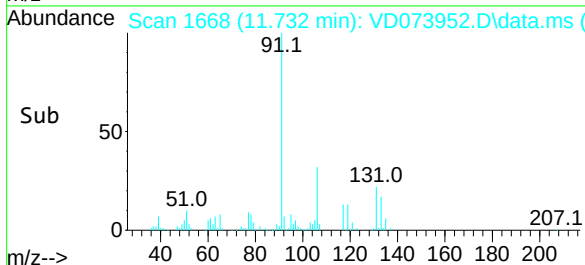
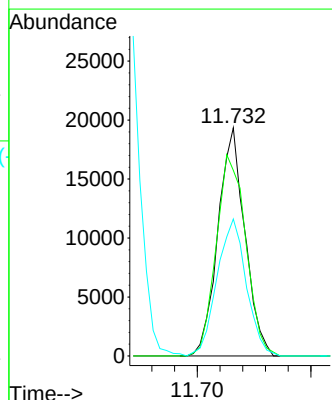
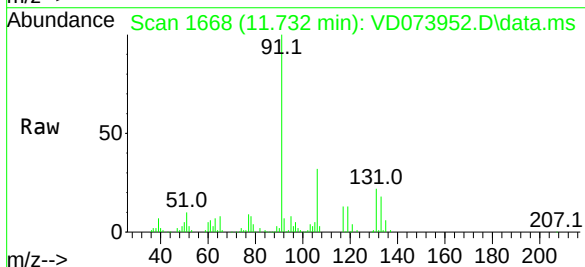
Instrument :  
MSVOA\_D  
ClientSampleId :

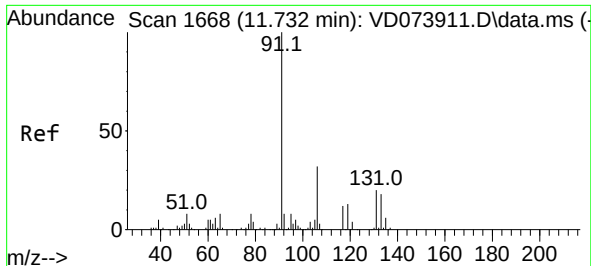
Tgt Ion:112 Resp: 82428  
Ion Ratio Lower Upper  
112 100  
114 29.3 24.9 37.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.666 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion:131 Resp: 31853  
Ion Ratio Lower Upper  
131 100  
133 96.9 46.3 138.9  
119 65.2 31.4 94.2





#67

Ethyl Benzene

Concen: 17.101 ug/l

RT: 11.732 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

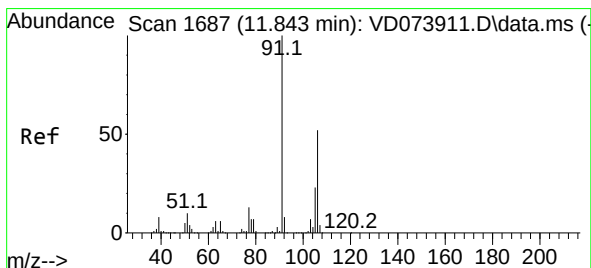
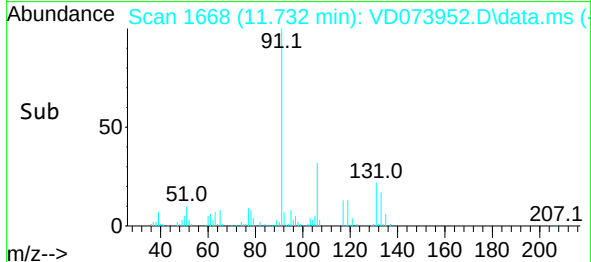
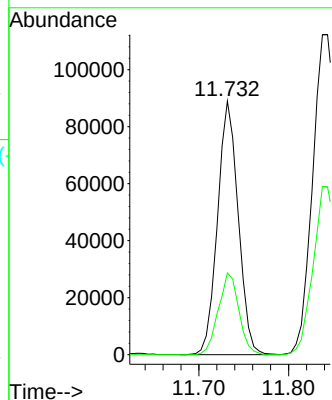
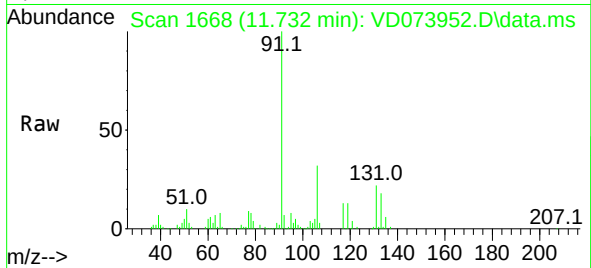
ClientSampleId :

Tgt Ion: 91 Resp: 142171

Ion Ratio Lower Upper

91 100

106 32.3 25.8 38.6



#68

m/p-Xylenes

Concen: 33.997 ug/l

RT: 11.838 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VD073952.D

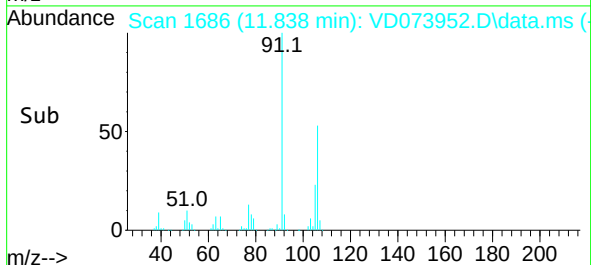
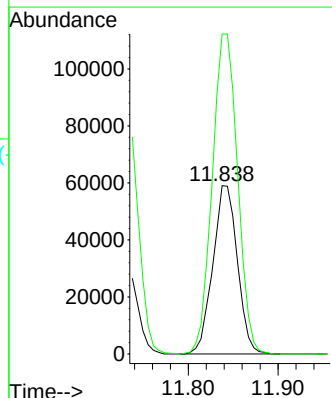
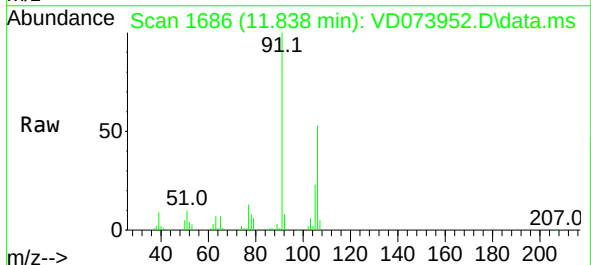
Acq: 04 Aug 2022 14:43

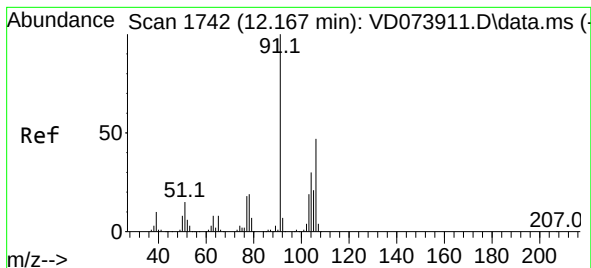
Tgt Ion: 106 Resp: 112043

Ion Ratio Lower Upper

106 100

91 196.5 156.6 234.8





#69

o-Xylene

Concen: 16.440 ug/l

RT: 12.167 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

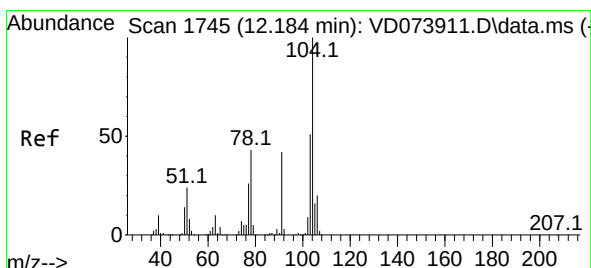
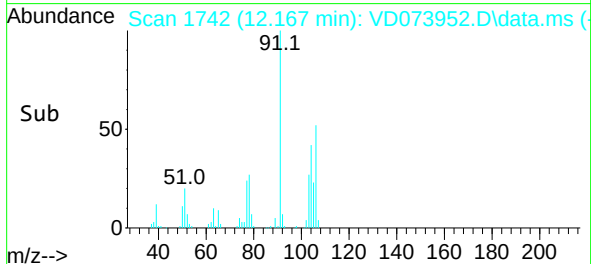
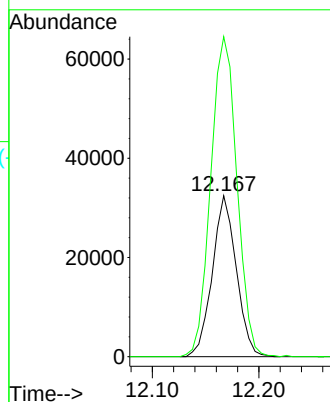
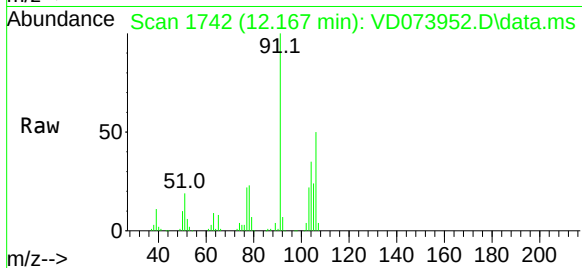
ClientSampleId :

Tgt Ion:106 Resp: 50746

Ion Ratio Lower Upper

106 100

91 217.0 106.1 318.1



#70

Styrene

Concen: 17.206 ug/l

RT: 12.179 min Scan# 1744

Delta R.T. -0.006 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

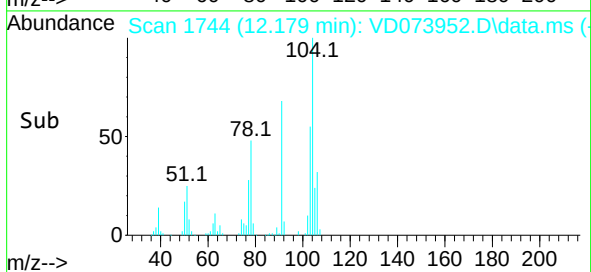
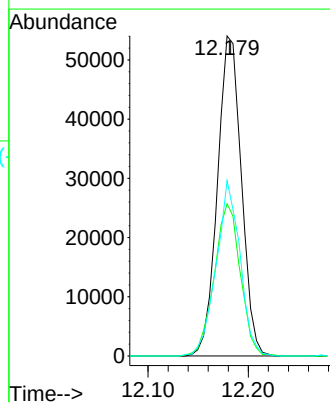
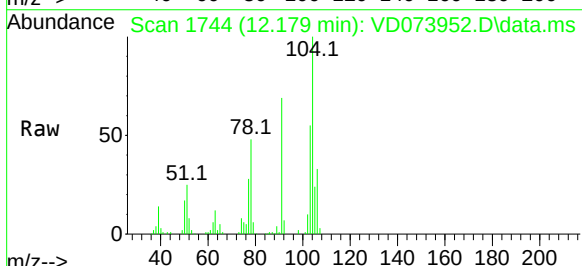
Tgt Ion:104 Resp: 89708

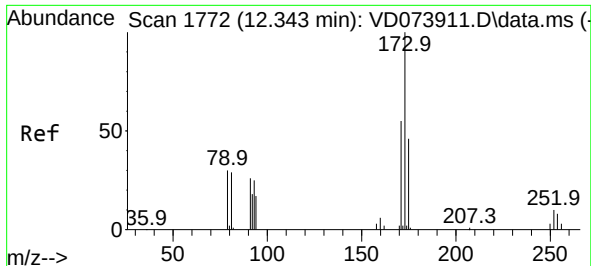
Ion Ratio Lower Upper

104 100

78 51.5 39.0 58.4

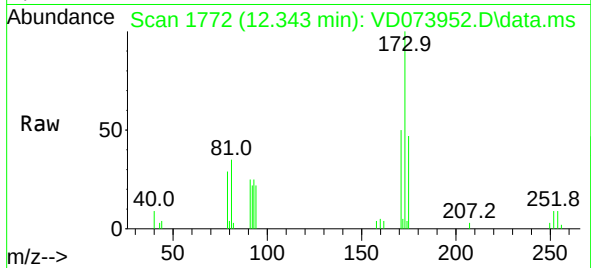
103 54.6 43.8 65.6



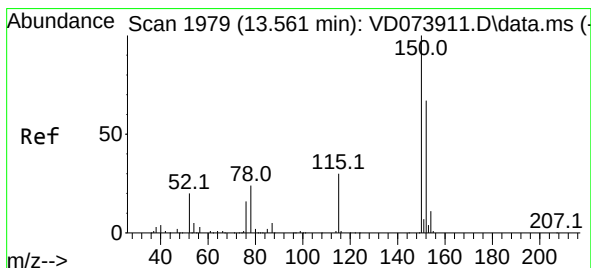
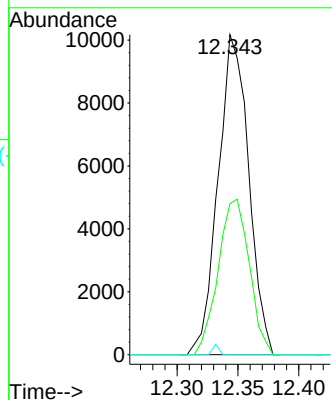
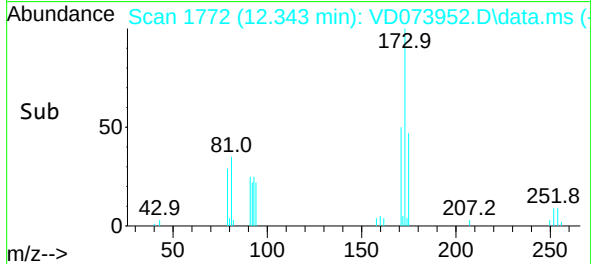


#71  
Bromoform  
Concen: 17.910 ug/l  
RT: 12.343 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

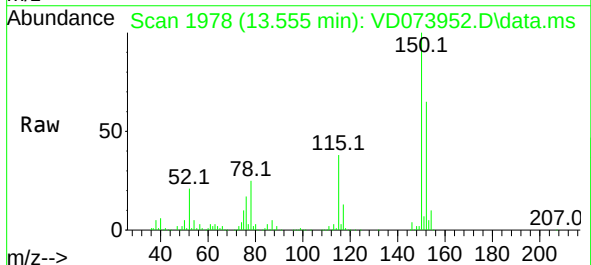
Instrument :  
MSVOA\_D  
ClientSampleId :



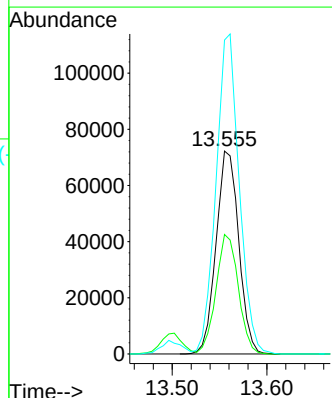
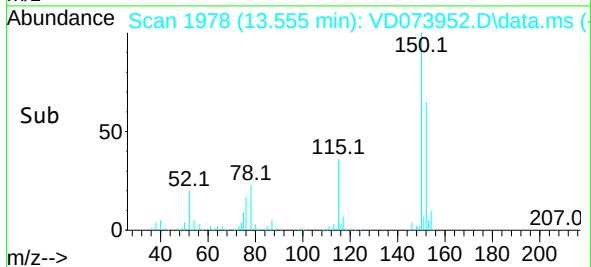
Tgt Ion:173 Resp: 17736  
Ion Ratio Lower Upper  
173 100  
175 49.6 23.5 70.6  
254 0.7 0.0 0.0#



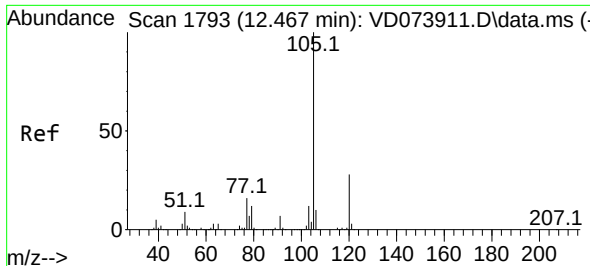
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.555 min Scan# 1978  
Delta R.T. -0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43



Tgt Ion:152 Resp: 120180  
Ion Ratio Lower Upper  
152 100  
115 58.1 29.1 87.3  
150 161.5 0.0 338.2

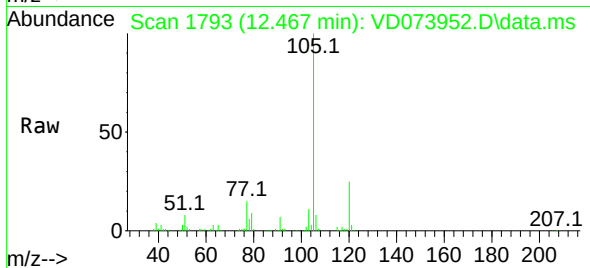




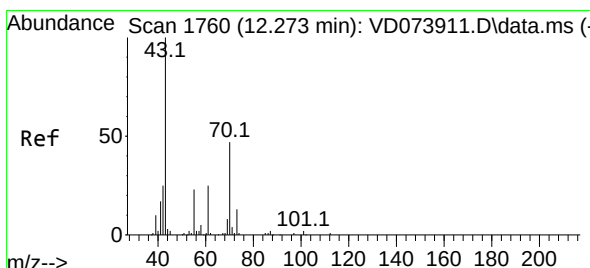
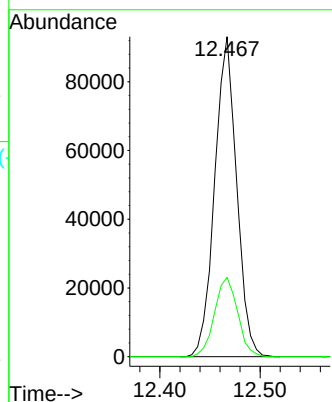
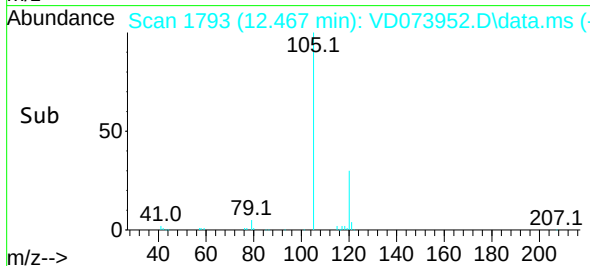


#73  
Isopropylbenzene  
Concen: 17.063 ug/l  
RT: 12.467 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

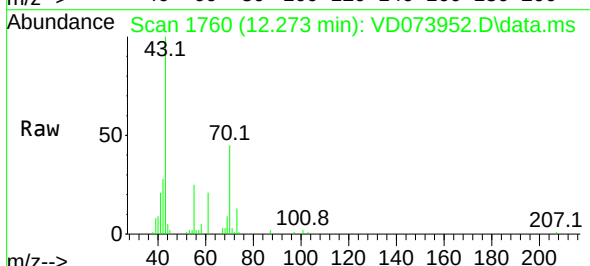
Instrument :  
MSVOA\_D  
ClientSampleId :



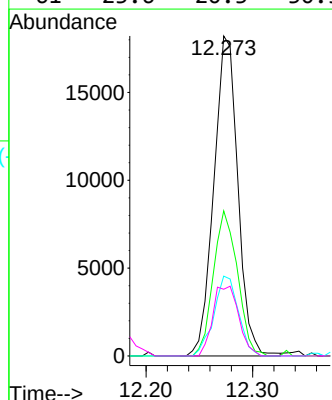
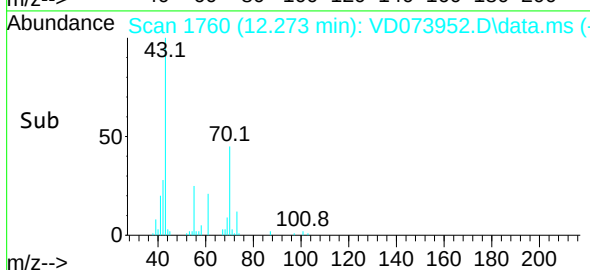
Tgt Ion:105 Resp: 141397  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.7 41.0

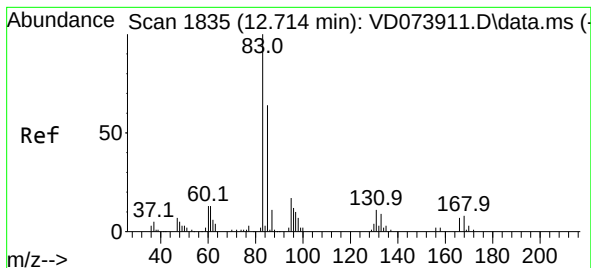


#74  
N-ethyl acetate  
Concen: 17.154 ug/l  
RT: 12.273 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43



Tgt Ion: 43 Resp: 28466  
Ion Ratio Lower Upper  
43 100  
70 45.7 37.1 55.7  
55 25.5 19.5 29.3  
61 23.6 20.3 30.5

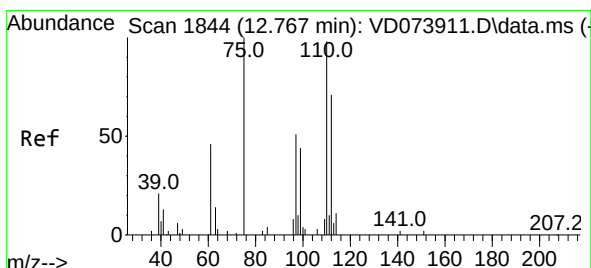
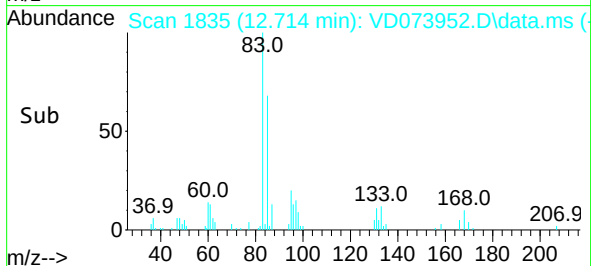
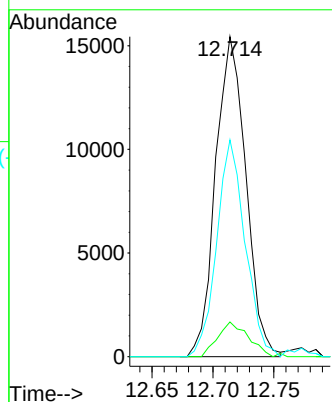
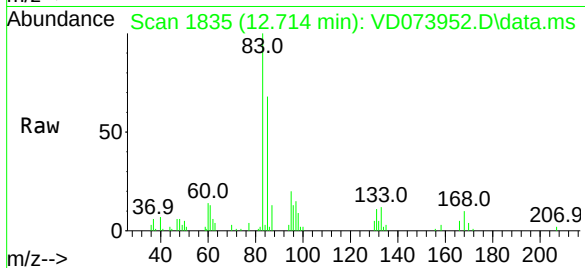




#75  
1,1,2-Tetrachloroethane  
Concen: 18.902 ug/l  
RT: 12.714 min Scan# 1835  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

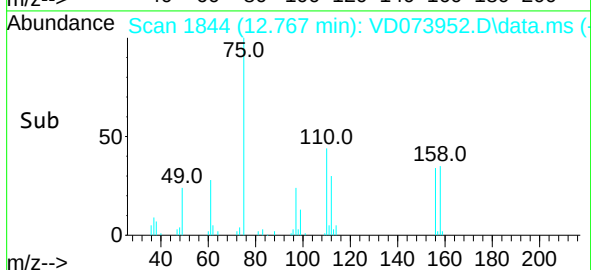
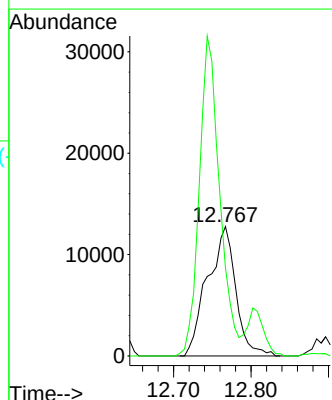
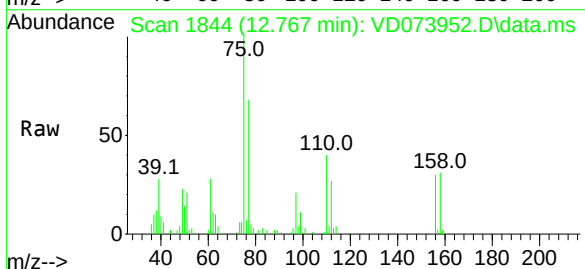
Instrument :  
MSVOA\_D  
ClientSampleId :

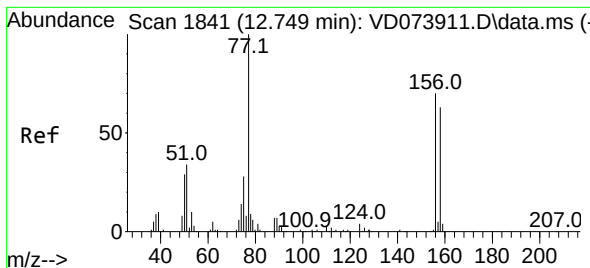
Tgt Ion: 83 Resp: 26682  
Ion Ratio Lower Upper  
83 100  
131 11.2 5.9 17.6  
85 63.7 33.4 100.1



#76  
1,2,3-Trichloropropane  
Concen: 34.975 ug/l  
RT: 12.767 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion: 75 Resp: 32381  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.171 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073952.D

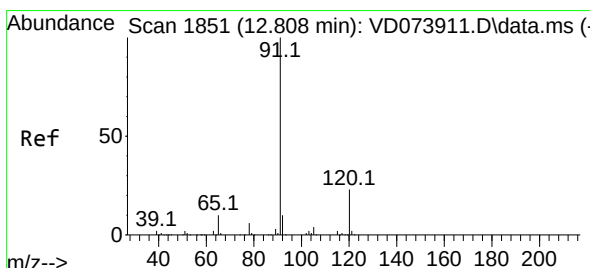
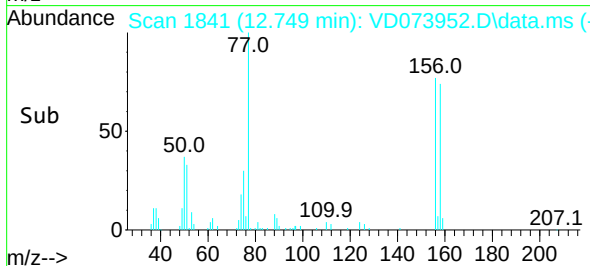
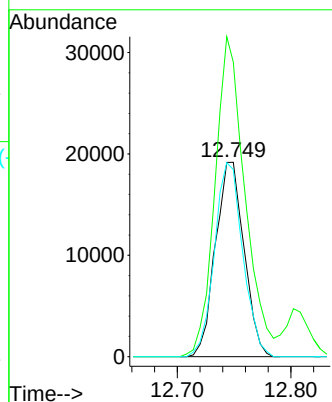
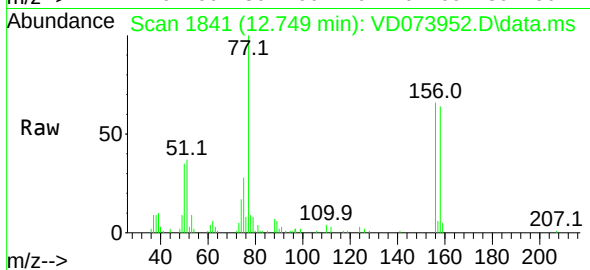
Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 33495 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 172.0 | 84.4  | 253.1 |
| 158       | 99.2  | 48.4  | 145.3 |



#78

n-propylbenzene

Concen: 17.285 ug/l

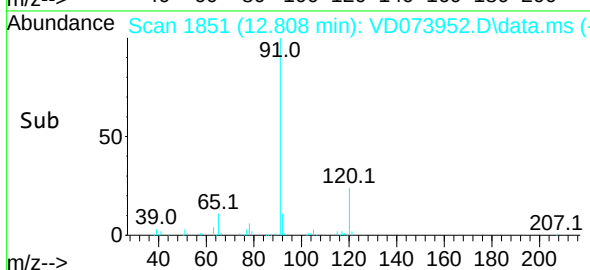
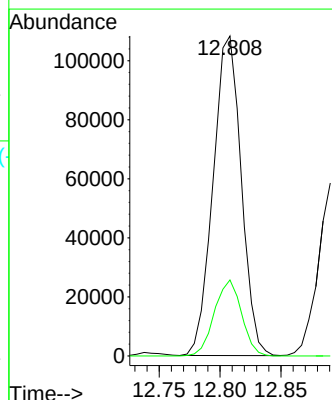
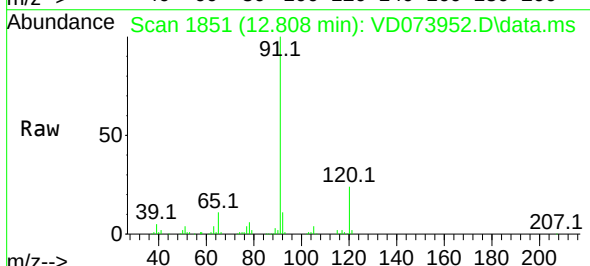
RT: 12.808 min Scan# 1851

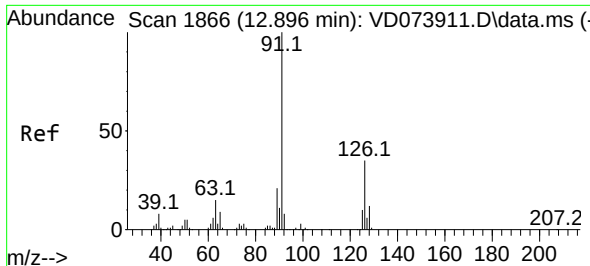
Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 174183 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.9  | 11.9  | 35.7   |

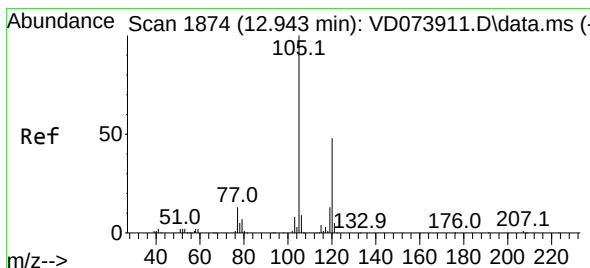
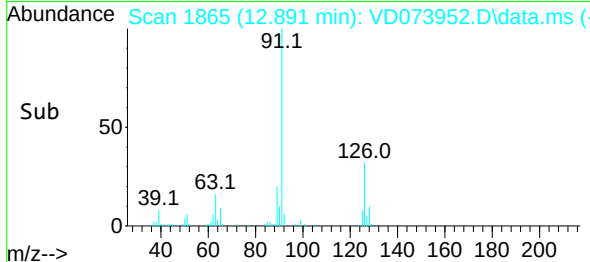
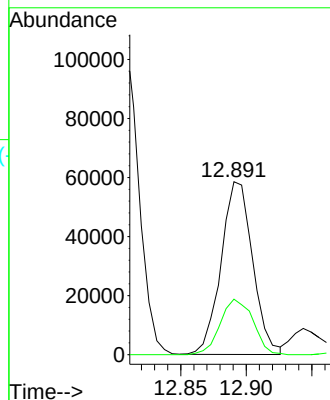
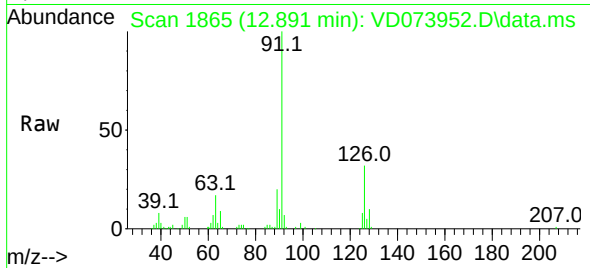




#79  
2-Chlorotoluene  
Concen: 17.010 ug/l  
RT: 12.891 min Scan# 1865  
Delta R.T. -0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

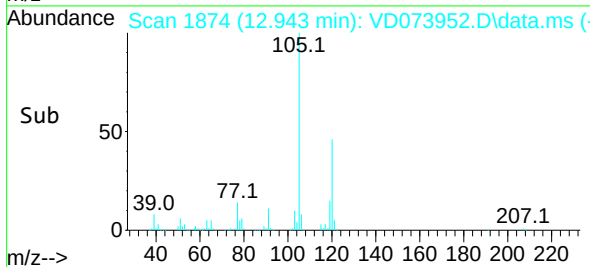
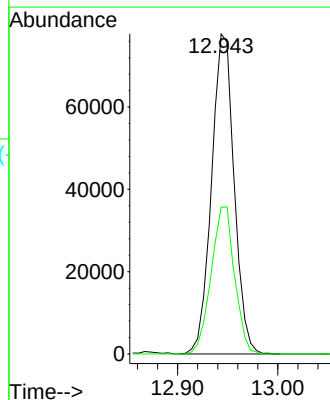
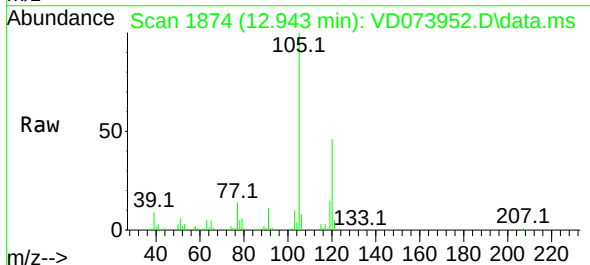
Instrument :  
MSVOA\_D  
ClientSampleId :

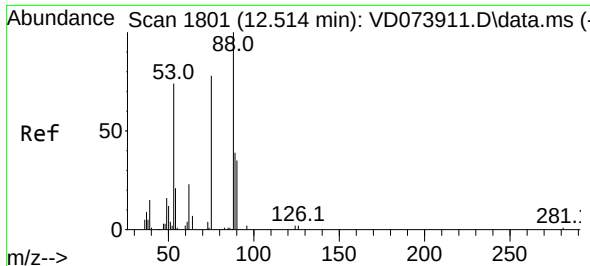
Tgt Ion: 91 Resp: 98057  
Ion Ratio Lower Upper  
91 100  
126 33.4 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 17.284 ug/l  
RT: 12.943 min Scan# 1874  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion:105 Resp: 121684  
Ion Ratio Lower Upper  
105 100  
120 47.7 24.9 74.6

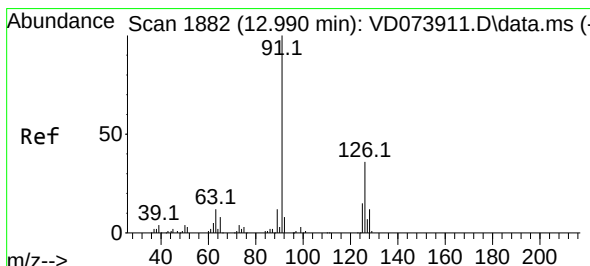
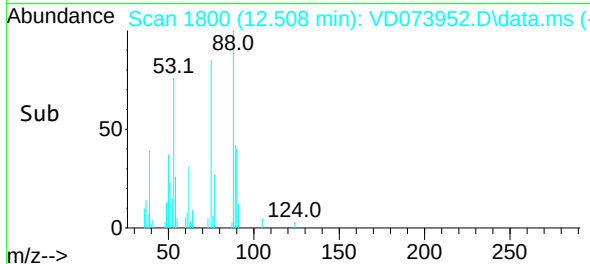
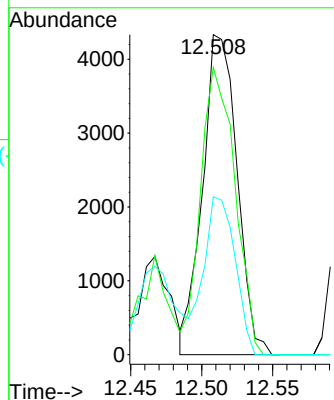
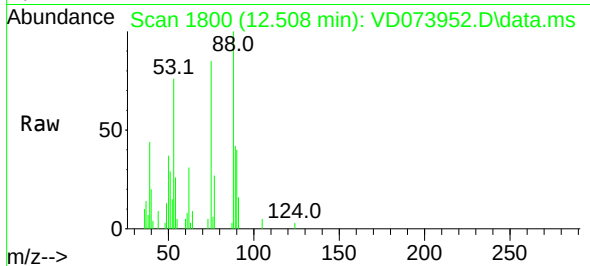




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.451 ug/l  
RT: 12.508 min Scan# 1800  
Delta R.T. -0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

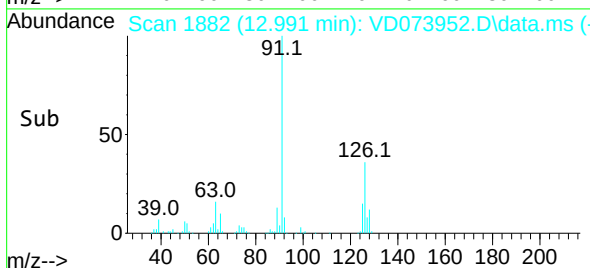
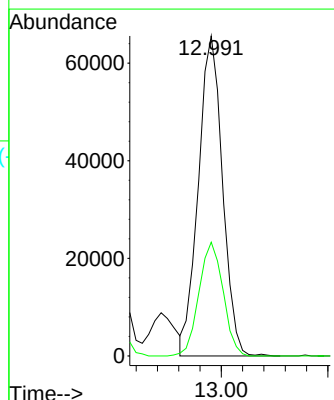
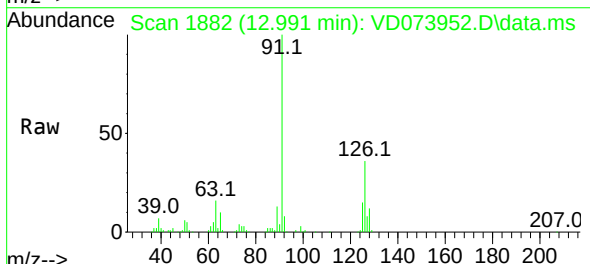
Instrument :  
MSVOA\_D  
ClientSampleId :

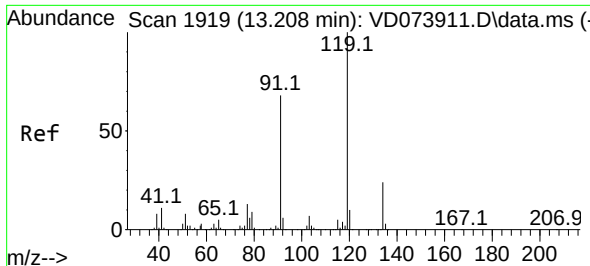
Tgt Ion: 75 Resp: 7310  
Ion Ratio Lower Upper  
75 100  
53 89.9 71.6 107.4  
89 44.8 39.8 59.6



#82  
4-Chlorotoluene  
Concen: 17.121 ug/l  
RT: 12.991 min Scan# 1882  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion: 91 Resp: 103459  
Ion Ratio Lower Upper  
91 100  
126 35.5 17.5 52.5

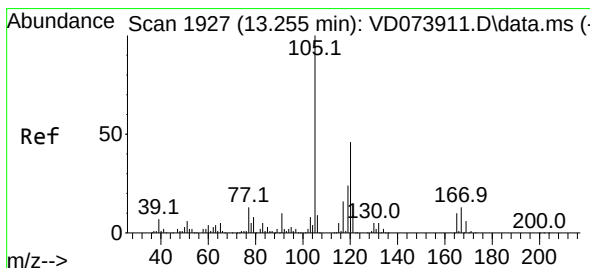
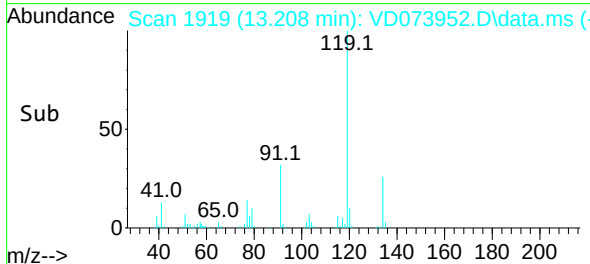
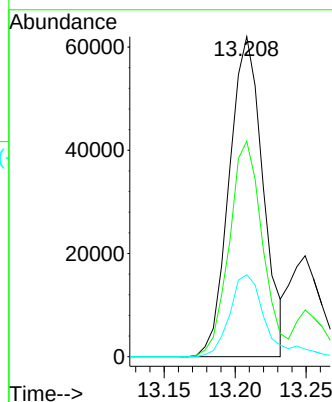
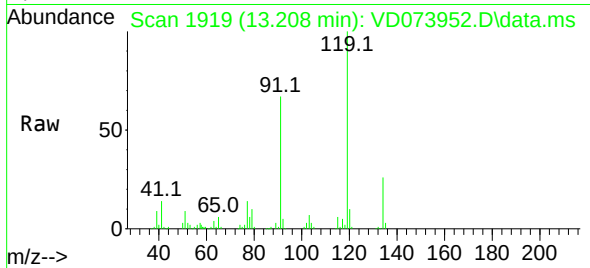




#83  
tert-Butylbenzene  
Concen: 16.770 ug/l  
RT: 13.208 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

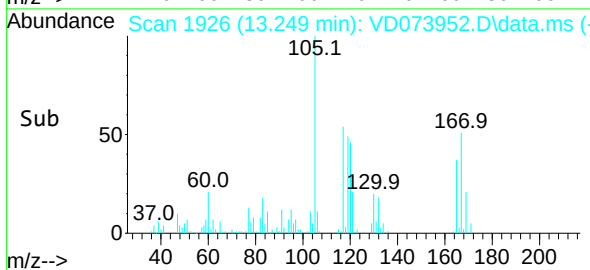
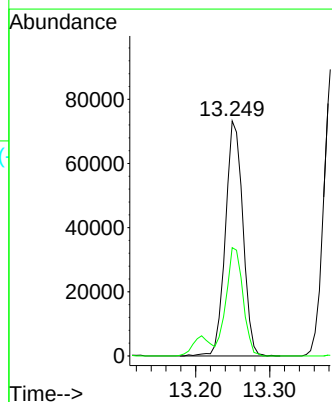
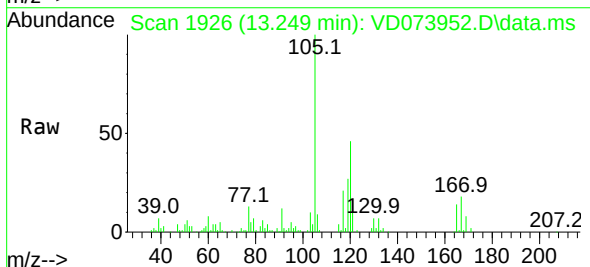
Instrument :  
MSVOA\_D  
ClientSampleId :

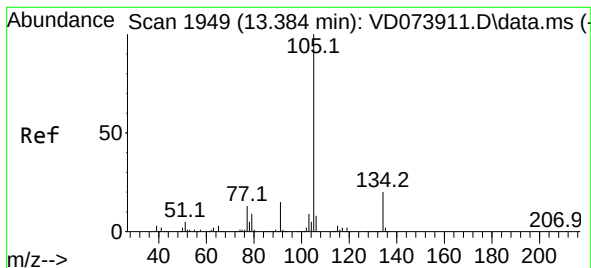
Tgt Ion:119 Resp: 102797  
Ion Ratio Lower Upper  
119 100  
91 66.6 33.2 99.6  
134 27.1 13.6 40.8



#84  
1,2,4-Trimethylbenzene  
Concen: 17.195 ug/l  
RT: 13.249 min Scan# 1926  
Delta R.T. -0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion:105 Resp: 119590  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.8 68.4





#85

sec-Butylbenzene

Concen: 17.076 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

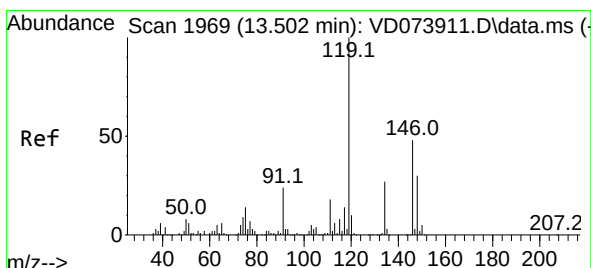
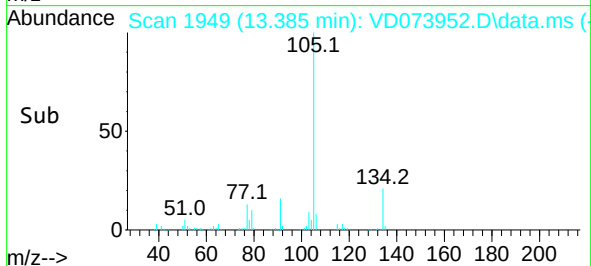
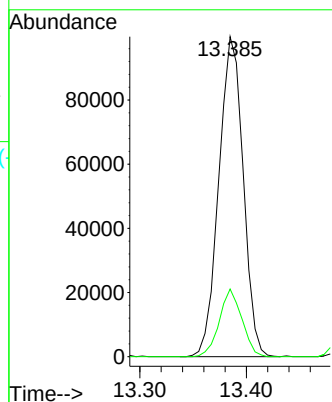
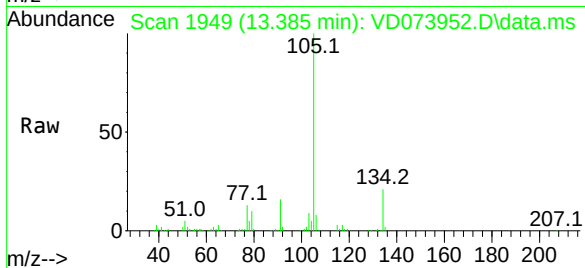
ClientSampleId :

Tgt Ion:105 Resp: 158380

Ion Ratio Lower Upper

105 100

134 19.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 16.553 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

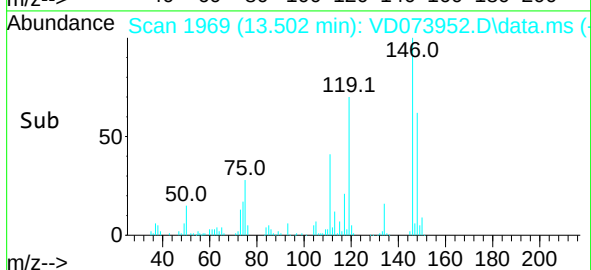
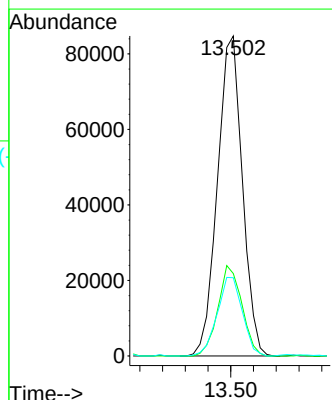
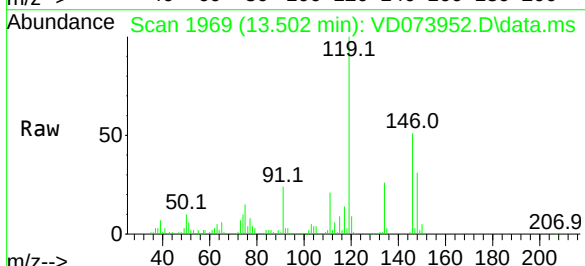
Tgt Ion:119 Resp: 128963

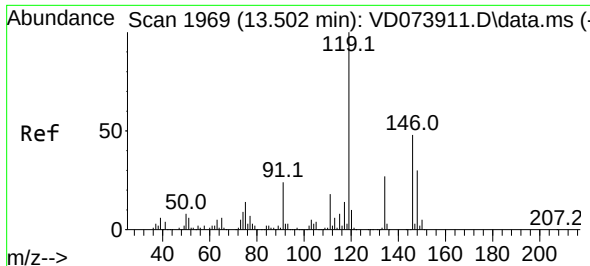
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.6

91 25.0 12.0 36.0

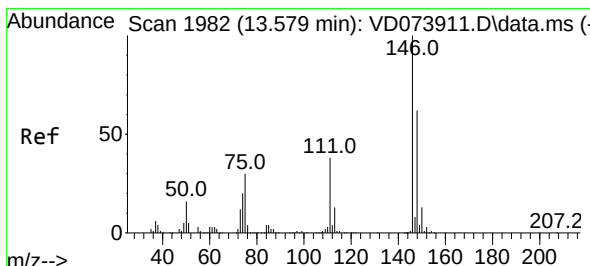
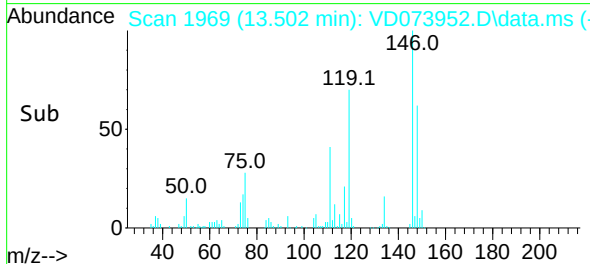
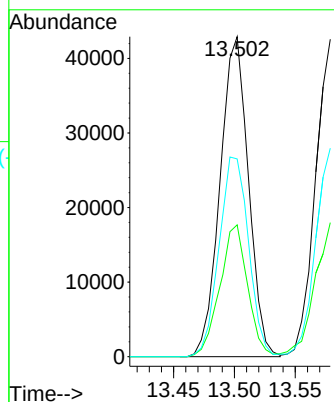
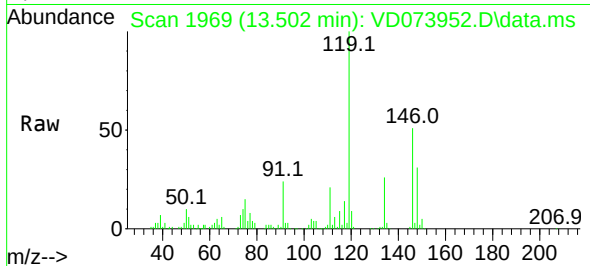




#87  
 1,3-Dichlorobenzene  
 Concen: 17.061 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD073952.D  
 Acq: 04 Aug 2022 14:43

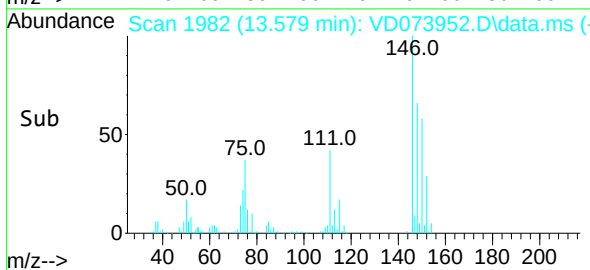
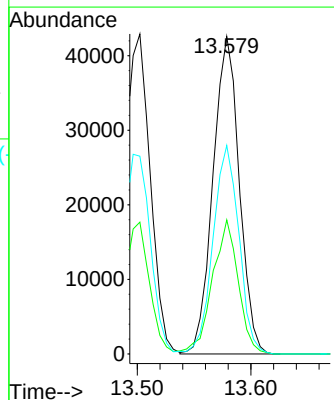
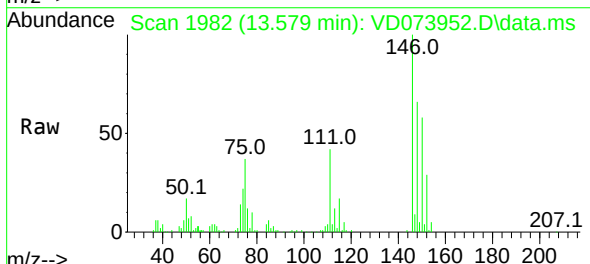
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion:146 Resp: 69499  
 Ion Ratio Lower Upper  
 146 100  
 111 40.4 19.9 59.6  
 148 65.3 31.9 95.7

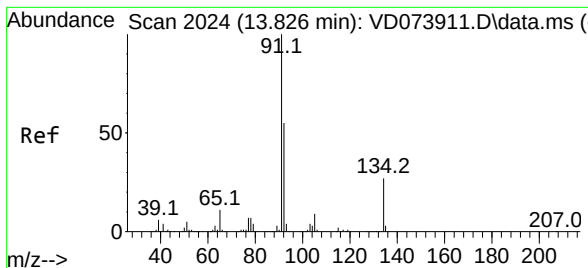


#88  
 1,4-Dichlorobenzene  
 Concen: 16.975 ug/l  
 RT: 13.579 min Scan# 1982  
 Delta R.T. 0.000 min  
 Lab File: VD073952.D  
 Acq: 04 Aug 2022 14:43

Tgt Ion:146 Resp: 68496  
 Ion Ratio Lower Upper  
 146 100  
 111 41.7 19.4 58.4  
 148 64.5 31.7 95.1







#89

n-Butylbenzene

Concen: 17.398 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

ClientSampleId :

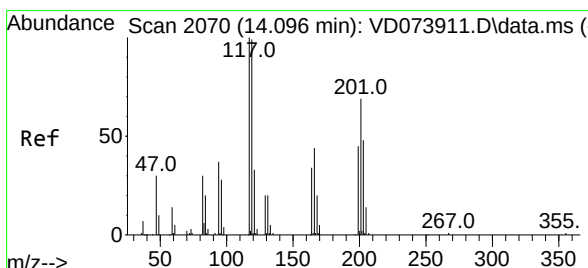
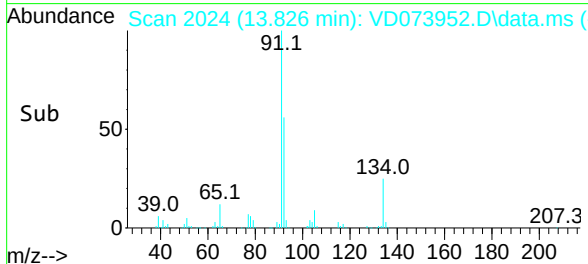
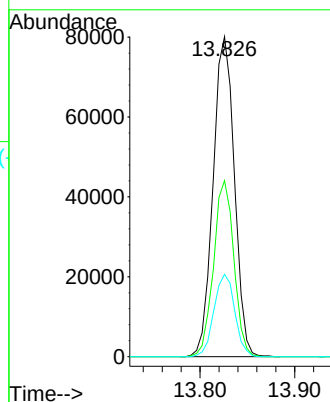
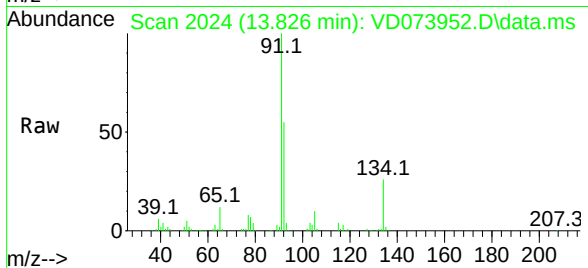
Tgt Ion: 91 Resp: 124987

Ion Ratio Lower Upper

91 100

92 52.5 26.9 80.6

134 25.1 13.6 40.7



#90

Hexachloroethane

Concen: 17.653 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073952.D

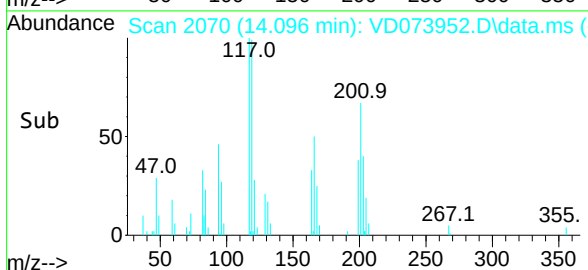
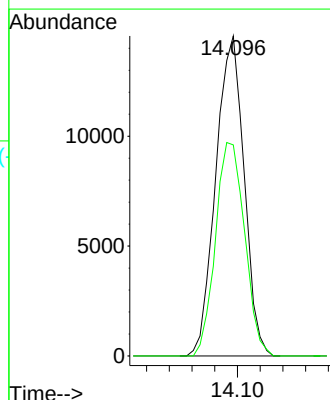
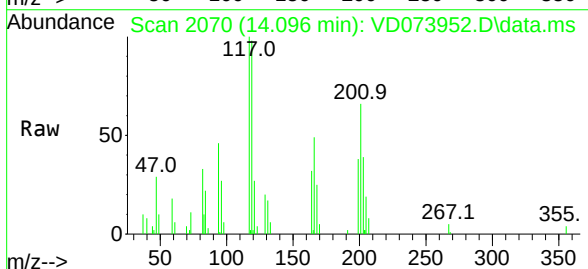
Acq: 04 Aug 2022 14:43

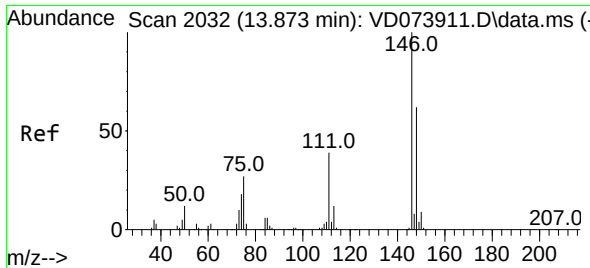
Tgt Ion: 117 Resp: 25204

Ion Ratio Lower Upper

117 100

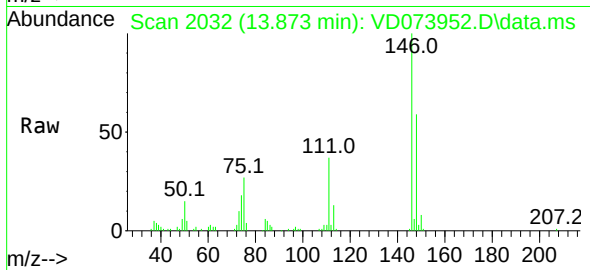
201 68.7 34.2 102.6



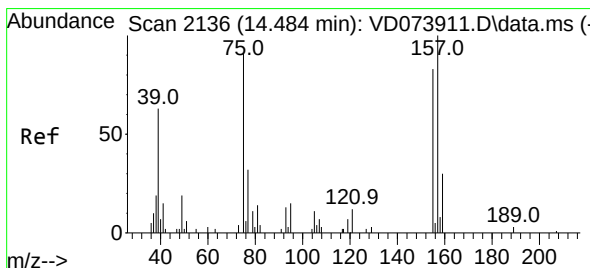
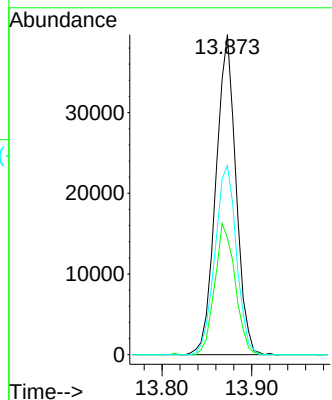
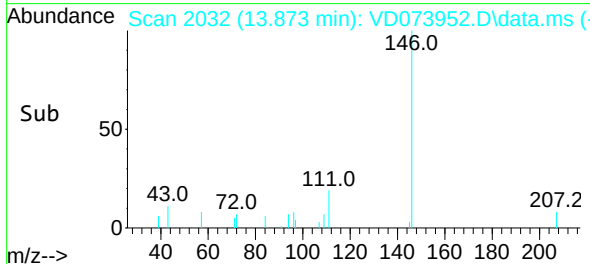


#91  
1,2-Dichlorobenzene  
Concen: 17.688 ug/l  
RT: 13.873 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

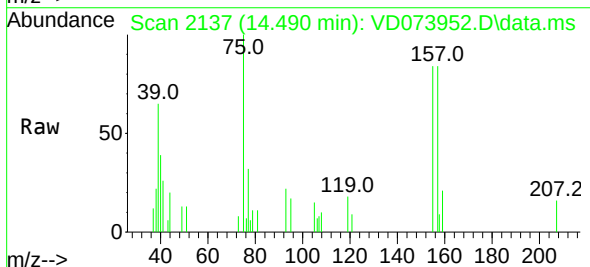
Instrument :  
MSVOA\_D  
ClientSampleId :



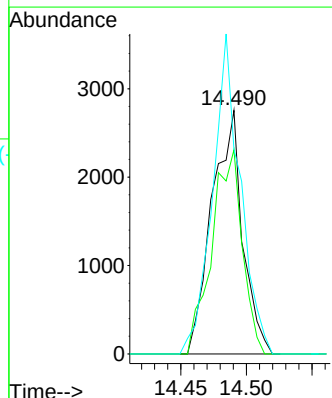
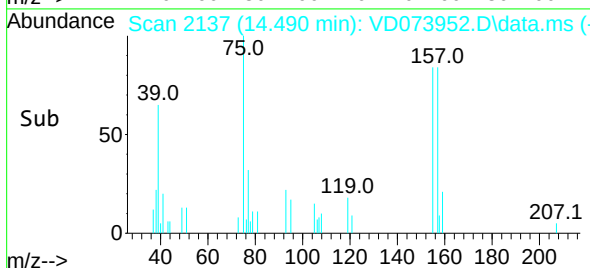
Tgt Ion:146 Resp: 61606  
Ion Ratio Lower Upper  
146 100  
111 41.5 20.1 60.3  
148 63.1 32.0 96.0

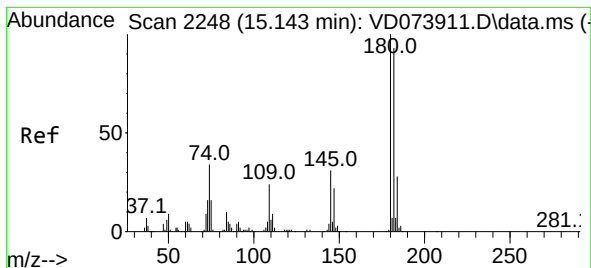


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.624 ug/l  
RT: 14.490 min Scan# 2137  
Delta R.T. 0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43



Tgt Ion: 75 Resp: 4478  
Ion Ratio Lower Upper  
75 100  
155 83.1 46.5 139.5  
157 118.7 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 16.334 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

Instrument :

MSVOA\_D

ClientSampleId :

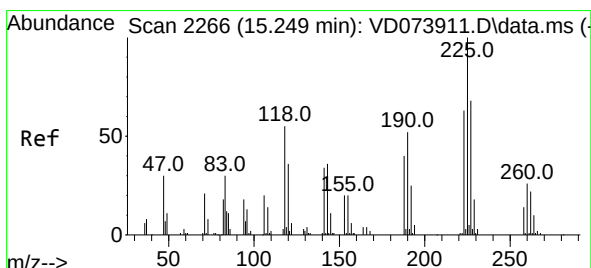
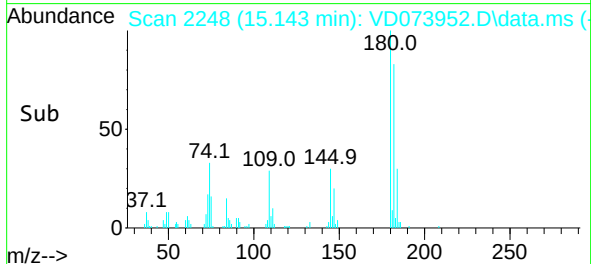
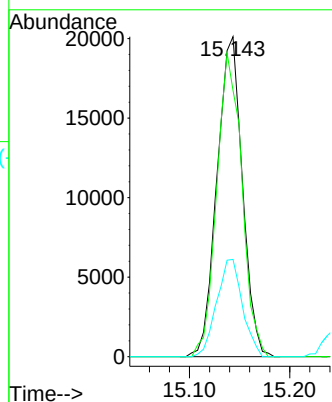
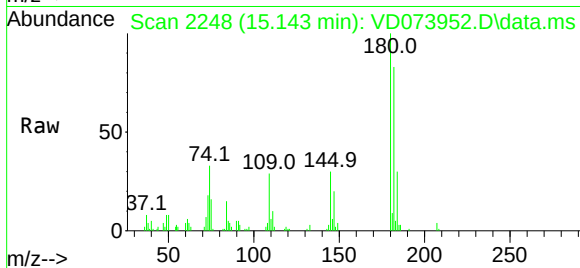
Tgt Ion:180 Resp: 35375

Ion Ratio Lower Upper

180 100

182 93.7 47.6 142.8

145 30.8 16.1 48.3



#94

Hexachlorobutadiene

Concen: 16.608 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. -0.006 min

Lab File: VD073952.D

Acq: 04 Aug 2022 14:43

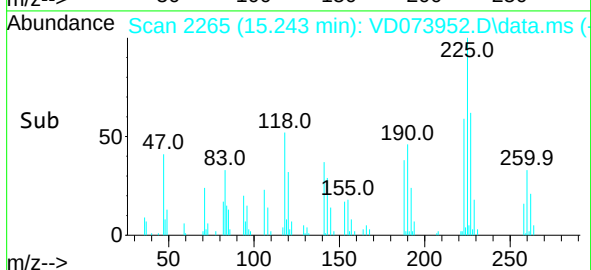
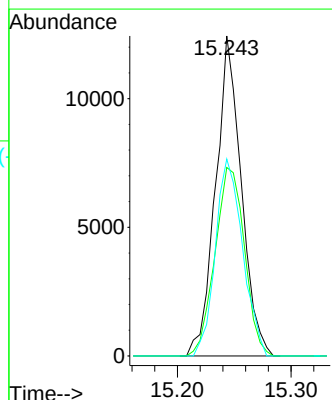
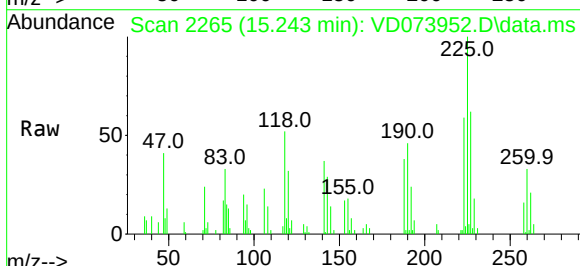
Tgt Ion:225 Resp: 19542

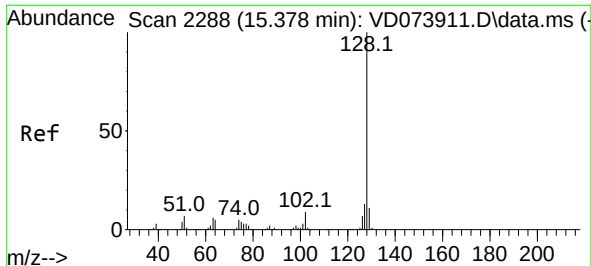
Ion Ratio Lower Upper

225 100

223 67.5 31.3 93.8

227 65.0 32.3 96.9

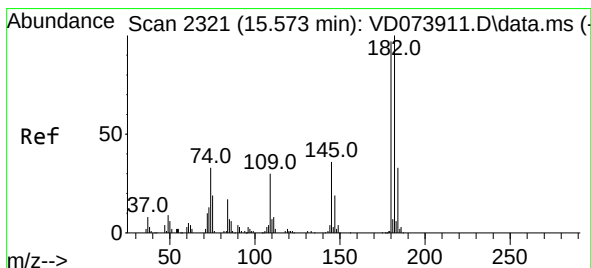
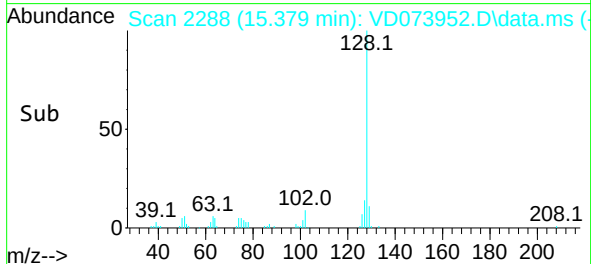
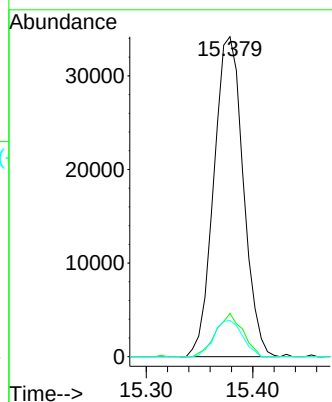
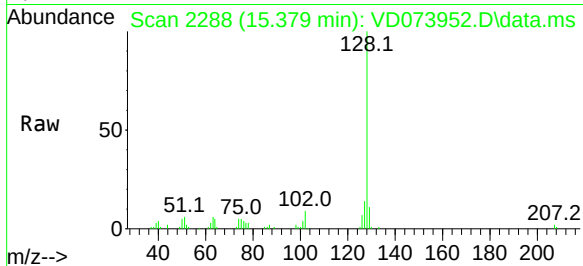




#95  
Naphthalene  
Concen: 16.542 ug/l  
RT: 15.379 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 65436  
Ion Ratio Lower Upper  
128 100  
127 12.4 11.0 16.4  
129 11.1 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 16.922 ug/l  
RT: 15.567 min Scan# 2320  
Delta R.T. -0.006 min  
Lab File: VD073952.D  
Acq: 04 Aug 2022 14:43

Tgt Ion:180 Resp: 31679  
Ion Ratio Lower Upper  
180 100  
182 91.7 48.7 146.1  
145 32.6 17.2 51.5

