

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD091322\Not Reviewed Data\  
 Data File : VD074263.D  
 Acq On : 13 Sep 2022 13:51  
 Operator : VA/SY  
 Sample : VD0913SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0913SBS01

Quant Time: Sep 16 18:48:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090922S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 10 04:45:19 2022  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|--------|----------|
| -----                        |           |       |          |          |        |          |
| Internal Standards           |           |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.869     | 168   | 100009   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775     | 114   | 166107   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.575    | 117   | 148581   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.504    | 152   | 72546    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.228     | 65    | 56197    | 55.116   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 50 - 163 | Recovery | =      | 110.240% |
| 35) Dibromofluoromethane     | 7.804     | 113   | 58514    | 52.826   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 54 - 147 | Recovery | =      | 105.660% |
| 50) Toluene-d8               | 10.263    | 98    | 226759   | 55.690   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 49 - 140 | Recovery | =      | 111.380% |
| 62) 4-Bromofluorobenzene     | 12.563    | 95    | 71868    | 50.624   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 25 - 144 | Recovery | =      | 101.240% |
| Target Compounds             |           |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.928     | 85    | 22386    | 27.242   | ug/l   | 98       |
| 3) Chloromethane             | 2.140     | 50    | 18851    | 25.215   | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.275     | 62    | 17054    | 26.778   | ug/l   | 97       |
| 5) Bromomethane              | 2.663     | 94    | 9868     | 29.424   | ug/l   | 97       |
| 6) Chloroethane              | 2.816     | 64    | 9850     | 25.973   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.163     | 101   | 40798    | 23.025   | ug/l   | 100      |
| 8) Diethyl Ether             | 3.593     | 74    | 12418    | 21.722   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 3.952     | 101   | 25570    | 22.429   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.152     | 142   | 29234    | 21.517   | ug/l   | 97       |
| 11) Tert butyl alcohol       | 5.057     | 59    | 9620     | 115.685  | ug/l # | 85       |
| 12) 1,1-Dichloroethene       | 3.934     | 96    | 24618    | 22.370   | ug/l   | 99       |
| 13) Acrolein                 | 3.799     | 56    | 8985     | 101.652  | ug/l   | 98       |
| 14) Allyl chloride           | 4.557     | 41    | 36797    | 21.545   | ug/l   | 98       |
| 15) Acrylonitrile            | 5.257     | 53    | 30283    | 113.617  | ug/l   | 98       |
| 16) Acetone                  | 4.022     | 43    | 23346    | 110.930  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.257     | 76    | 76274    | 24.026   | ug/l   | 97       |
| 18) Methyl Acetate           | 4.557     | 43    | 16389    | 23.276   | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 5.310     | 73    | 56925    | 21.353   | ug/l   | 100      |
| 20) Methylene Chloride       | 4.799     | 84    | 37960    | 26.799   | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 5.304     | 96    | 28010    | 22.562   | ug/l   | 93       |
| 22) Diisopropyl ether        | 6.210     | 45    | 78848    | 21.754   | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.157     | 43    | 150248   | 87.787   | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 6.104     | 63    | 50203    | 22.422   | ug/l   | 99       |
| 25) 2-Butanone               | 7.081     | 43    | 39282    | 111.912  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 7.069     | 77    | 41990    | 21.466   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.075     | 96    | 31755    | 22.386   | ug/l   | 100      |
| 28) Bromochloromethane       | 7.416     | 49    | 12681    | 18.442   | ug/l # | 95       |
| 29) Tetrahydrofuran          | 7.440     | 42    | 24635    | 113.842  | ug/l   | 98       |
| 30) Chloroform               | 7.593     | 83    | 49416    | 22.237   | ug/l   | 96       |
| 31) Cyclohexane              | 7.869     | 56    | 45862    | 21.765   | ug/l # | 95       |
| 32) 1,1,1-Trichloroethane    | 7.793     | 97    | 44105    | 22.620   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.004     | 75    | 39777    | 22.124   | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.163     | 43    | 18386    | 23.582   | ug/l # | 93       |
| 38) Carbon Tetrachloride     | 7.987     | 117   | 36963    | 22.723   | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.269     | 83    | 49044    | 22.036   | ug/l   | 91       |
| 40) Benzene                  | 8.245     | 78    | 112682   | 22.647   | ug/l   | 97       |

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 ClientSampleId :  
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 Quant Title : SW846 8260  
 QLast Update : Sat Sep 10 04:45:19 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.393  | 41   | 9557     | 22.007  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.322  | 62   | 29824    | 22.681  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.357  | 43   | 33253    | 22.081  | ug/l   | 99       |
| 44) Trichloroethene           | 9.022  | 130  | 30038    | 21.749  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 28391    | 21.955  | ug/l   | 95       |
| 46) Dibromomethane            | 9.392  | 93   | 15032    | 22.389  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.581  | 83   | 37774    | 22.363  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.381  | 41   | 15721    | 22.102  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.381  | 88   | 3855     | 484.862 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 83969    | 110.318 | ug/l   | 98       |
| 52) Toluene                   | 10.328 | 92   | 69890    | 21.899  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.545 | 75   | 32840    | 20.625  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.010 | 75   | 41757    | 21.285  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.728 | 97   | 20659    | 22.259  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.592 | 69   | 27042    | 21.929  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 37012    | 22.596  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.863  | 63   | 26492    | 111.108 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.916 | 43   | 56746    | 109.787 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.069 | 129  | 24953    | 22.078  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.175 | 107  | 19643    | 22.236  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.804 | 164  | 24237    | 21.335  | ug/l # | 84       |
| 65) Chlorobenzene             | 11.598 | 112  | 74073    | 22.176  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.675 | 131  | 26377    | 22.049  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.675 | 91   | 137497   | 22.037  | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.786 | 106  | 104038   | 43.934  | ug/l   | 98       |
| 69) o-Xylene                  | 12.110 | 106  | 48538    | 21.688  | ug/l   | 96       |
| 70) Styrene                   | 12.128 | 104  | 81871    | 21.934  | ug/l   | 98       |
| 71) Bromoform                 | 12.292 | 173  | 15614    | 23.444  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.410 | 105  | 133584   | 21.764  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.222 | 43   | 30824    | 21.325  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.657 | 83   | 25268    | 22.609  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.710 | 75   | 27493    | 36.968  | ug/l # | 100      |
| 77) Bromobenzene              | 12.692 | 156  | 29207    | 21.684  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.751 | 91   | 162200   | 21.550  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.839 | 91   | 89087    | 21.881  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.892 | 105  | 109148   | 21.463  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.457 | 75   | 6369     | 21.115  | ug/l # | 100      |
| 82) 4-Chlorotoluene           | 12.933 | 91   | 89224    | 21.525  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.157 | 119  | 96303    | 21.636  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.198 | 105  | 106887   | 21.651  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.333 | 105  | 144817   | 21.478  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.445 | 119  | 118922   | 21.594  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.445 | 146  | 59676    | 21.724  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.522 | 146  | 59564    | 22.049  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.775 | 91   | 117428   | 21.821  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.039 | 117  | 21864    | 21.702  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.816 | 146  | 50431    | 21.109  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.433 | 75   | 3816     | 24.299  | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.080 | 180  | 33761    | 20.444  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.186 | 225  | 20300    | 21.511  | ug/l   | 93       |
| 95) Naphthalene               | 15.316 | 128  | 68152    | 22.086  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.504 | 180  | 30372    | 21.424  | ug/l   | 99       |

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ALS Vial : 5 Sample Multiplier: 1

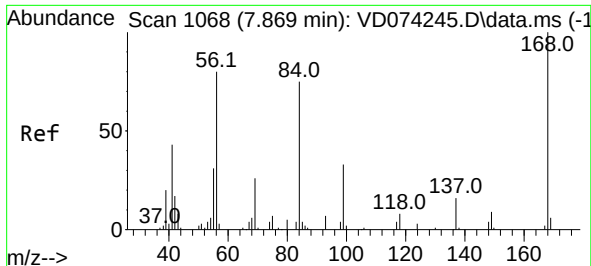
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

Quant Time: Sep 16 18:48:49 2022  
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QLast Update : Sat Sep 10 04:45:19 2022  
Response via : Initial Calibration

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

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

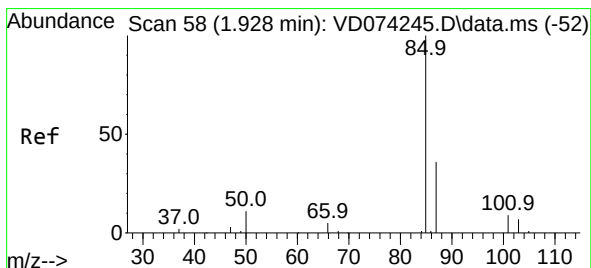
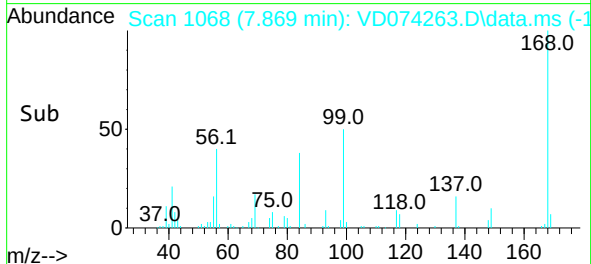
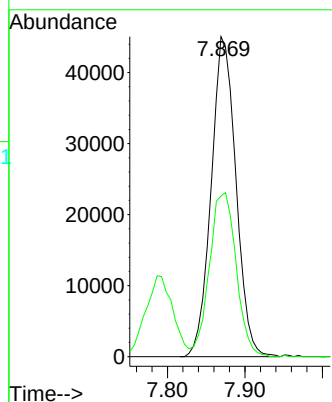
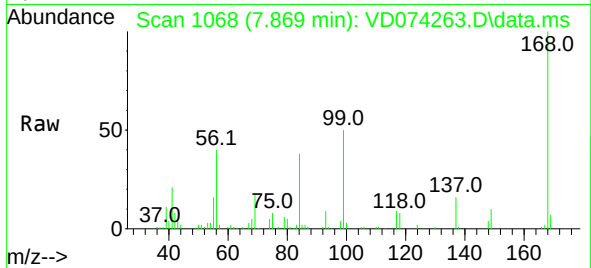




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.869 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

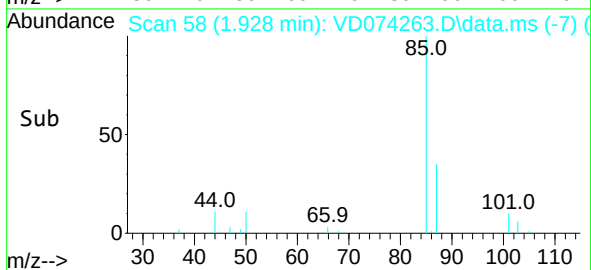
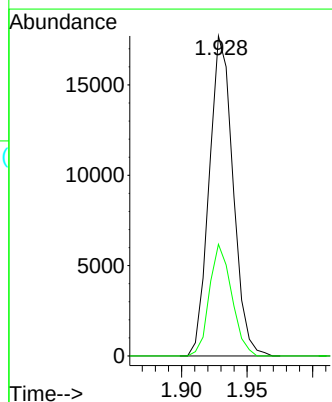
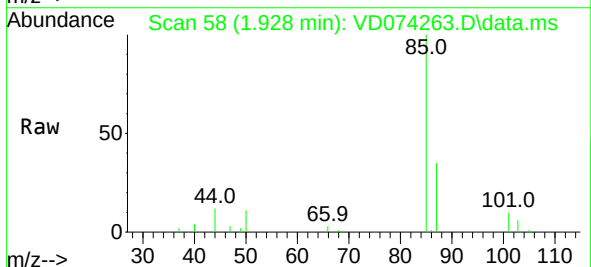
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

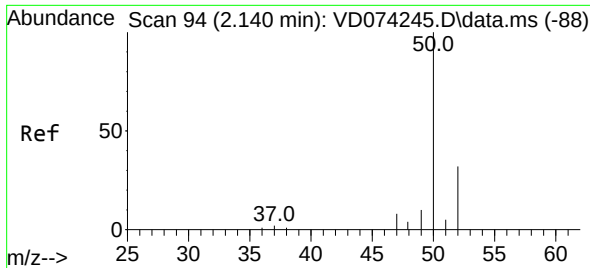
Tgt Ion:168 Resp: 100009  
Ion Ratio Lower Upper  
168 100  
99 50.2 43.0 64.6



#2  
Dichlorodifluoromethane  
Concen: 27.242 ug/l  
RT: 1.928 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 85 Resp: 22386  
Ion Ratio Lower Upper  
85 100  
87 34.9 17.9 53.7

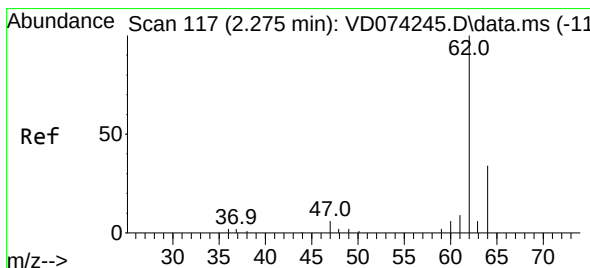
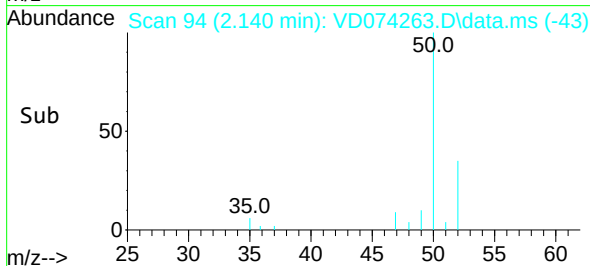
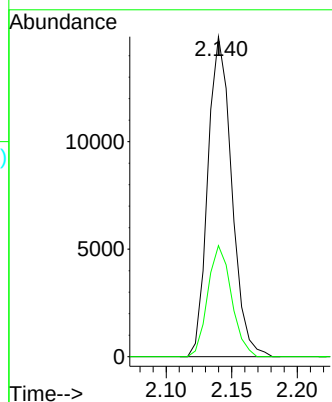
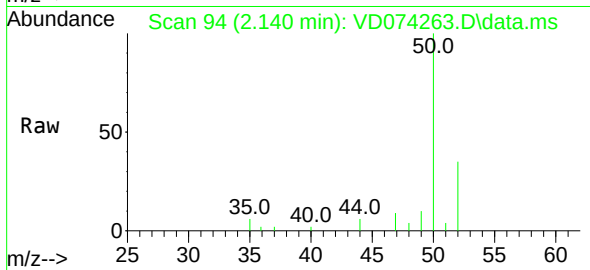




#3  
Chloromethane  
Concen: 25.215 ug/l  
RT: 2.140 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

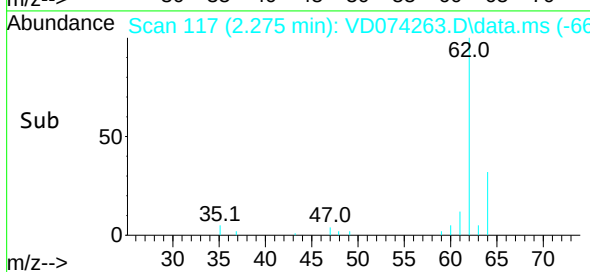
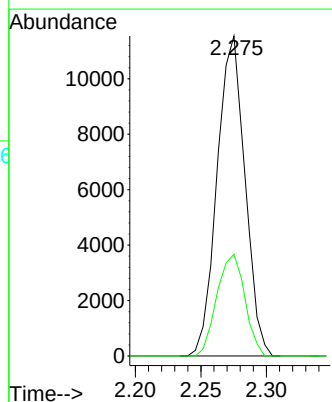
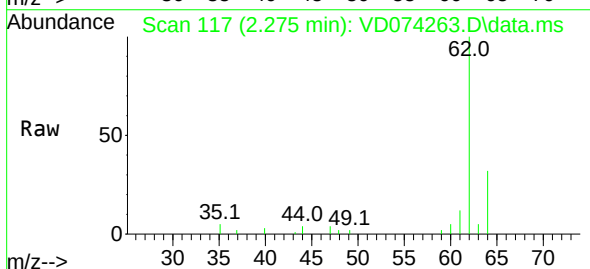
Instrument :  
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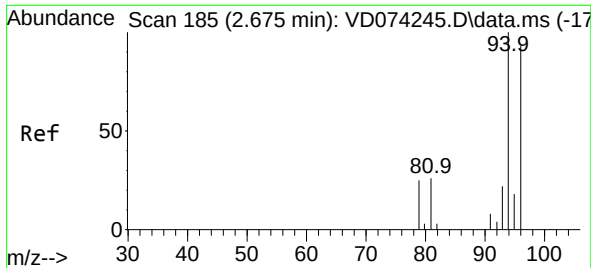
Tgt Ion: 50 Resp: 18851  
Ion Ratio Lower Upper  
50 100  
52 34.7 25.8 38.8



#4  
Vinyl Chloride  
Concen: 26.778 ug/l  
RT: 2.275 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 62 Resp: 17054  
Ion Ratio Lower Upper  
62 100  
64 31.8 27.0 40.4

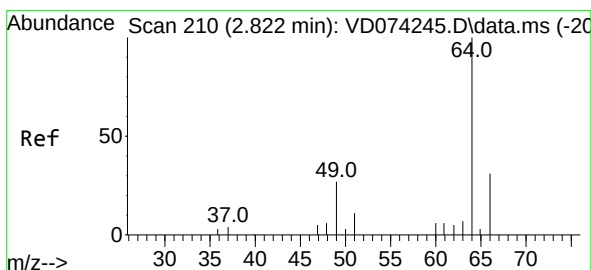
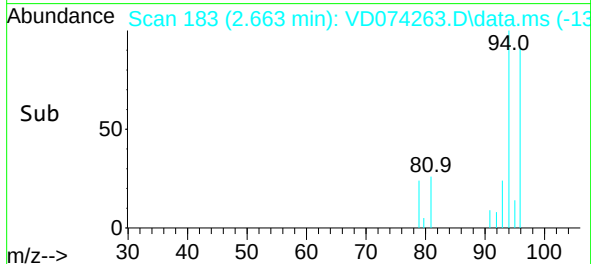
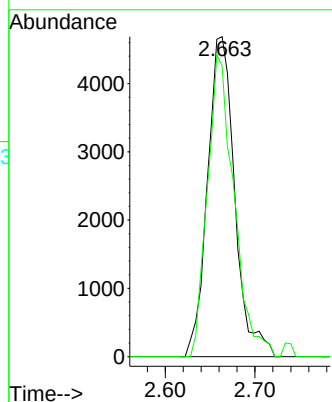
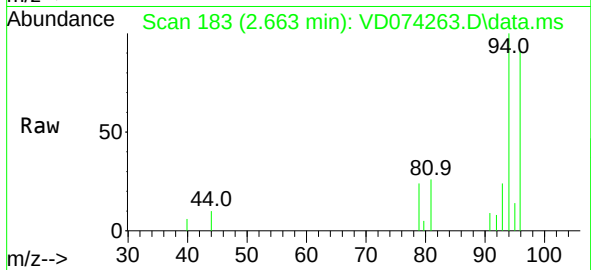




#5  
Bromomethane  
Concen: 29.424 ug/l  
RT: 2.663 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

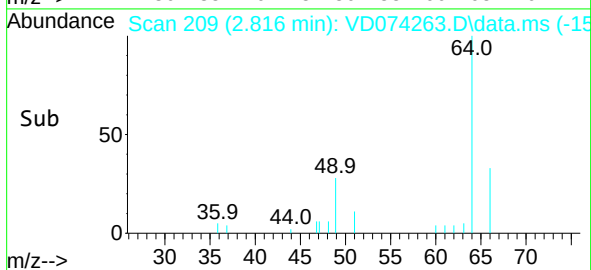
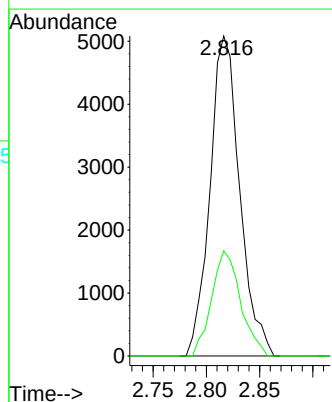
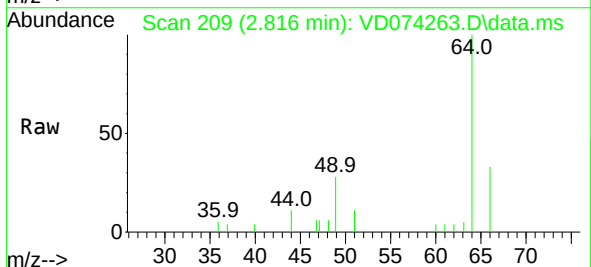
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

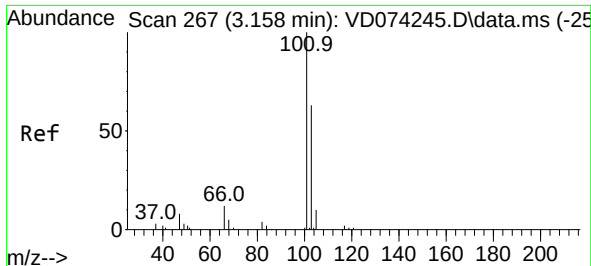
Tgt Ion: 94 Resp: 9868  
Ion Ratio Lower Upper  
94 100  
96 90.9 74.6 112.0



#6  
Chloroethane  
Concen: 25.973 ug/l  
RT: 2.816 min Scan# 209  
Delta R.T. -0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 64 Resp: 9850  
Ion Ratio Lower Upper  
64 100  
66 32.8 24.6 36.8

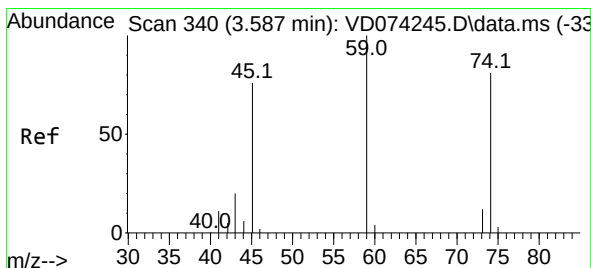
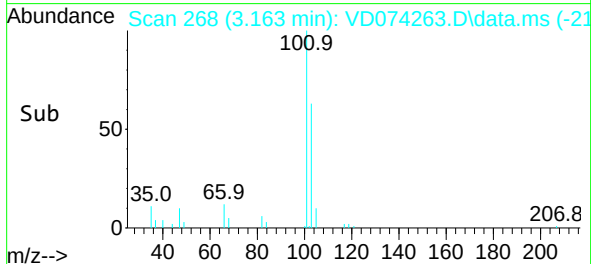
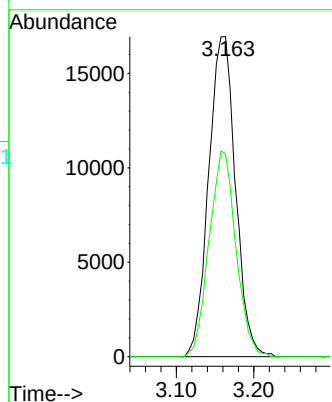
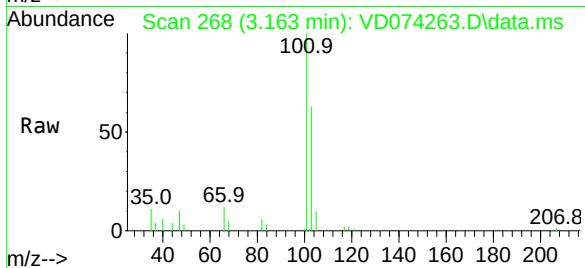




#7  
Trichlorofluoromethane  
Concen: 23.025 ug/l  
RT: 3.163 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

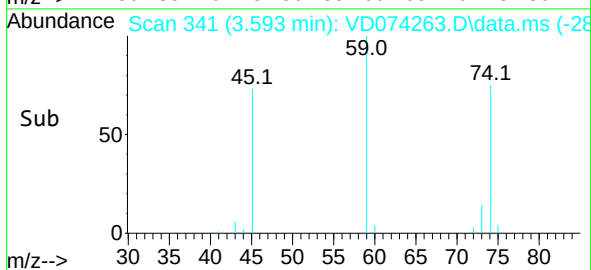
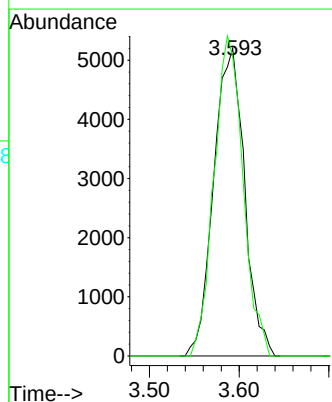
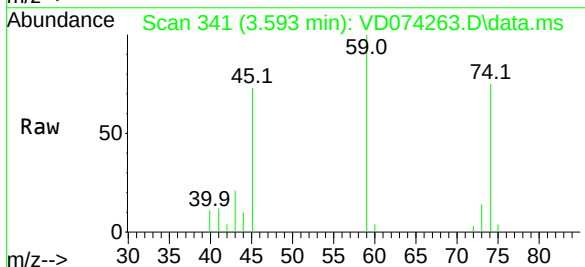
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

Tgt Ion:101 Resp: 40798  
Ion Ratio Lower Upper  
101 100  
103 63.4 50.6 76.0

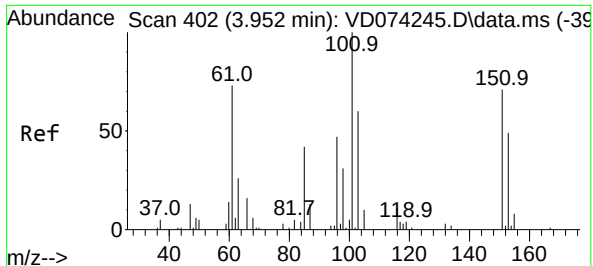


#8  
Diethyl Ether  
Concen: 21.722 ug/l  
RT: 3.593 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 74 Resp: 12418  
Ion Ratio Lower Upper  
74 100  
45 97.9 47.9 143.6



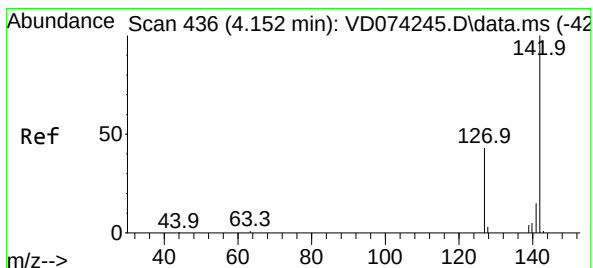
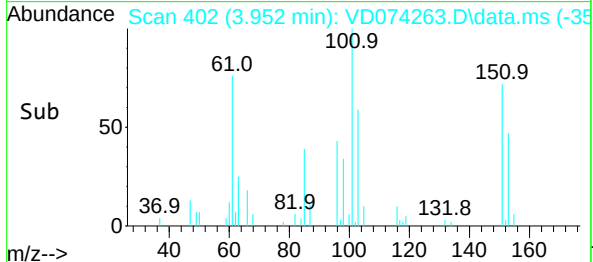
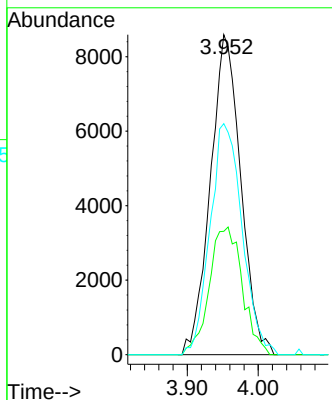
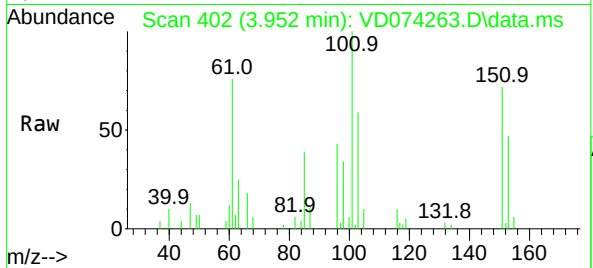




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.429 ug/l  
RT: 3.952 min Scan# 402  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

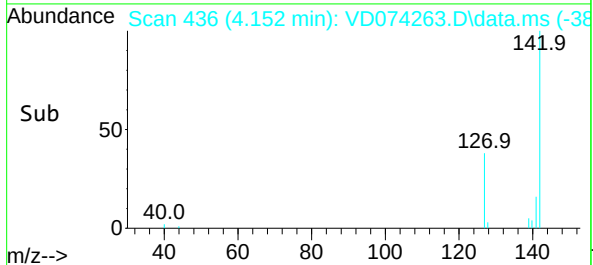
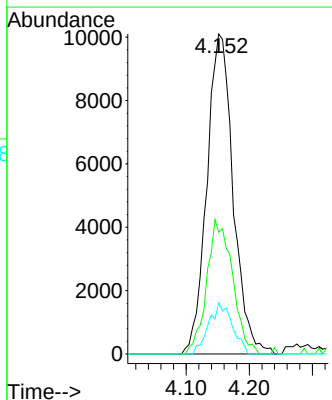
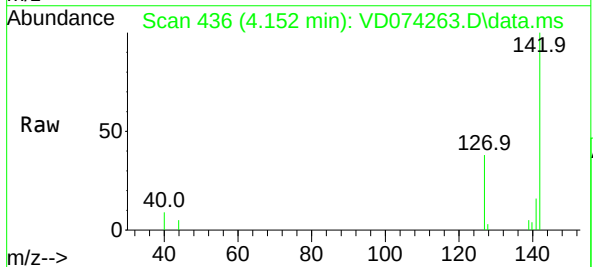
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

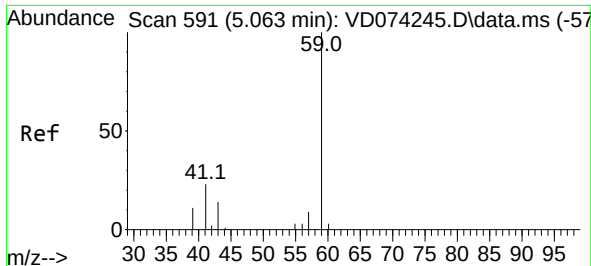
Tgt Ion:101 Resp: 25570  
Ion Ratio Lower Upper  
101 100  
85 43.2 35.0 52.4  
151 76.3 59.7 89.5



#10  
Methyl Iodide  
Concen: 21.517 ug/l  
RT: 4.152 min Scan# 436  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion:142 Resp: 29234  
Ion Ratio Lower Upper  
142 100  
127 41.0 34.6 51.8  
141 14.3 11.7 17.5





#11

Tert butyl alcohol

Concen: 115.685 ug/l

RT: 5.057 min Scan# 591

Delta R.T. -0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Instrument :

MSVOA\_D

ClientSampleId :

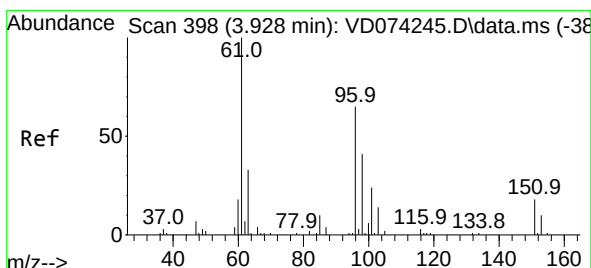
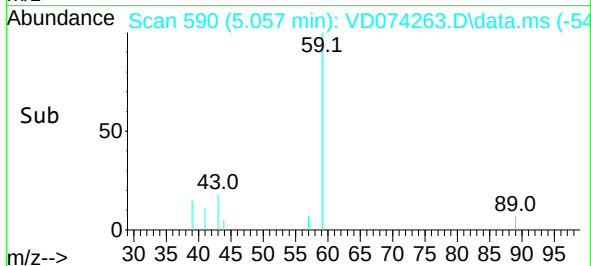
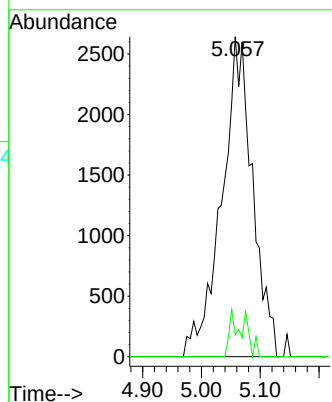
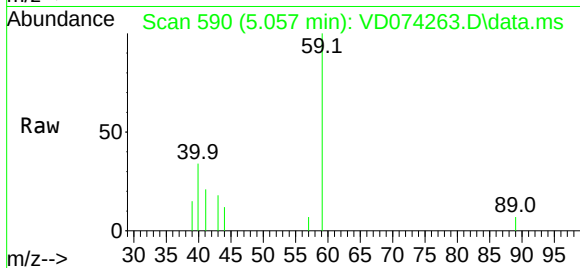
VD0913SBS01

Tgt Ion: 59 Resp: 9620

Ion Ratio Lower Upper

59 100

57 4.1 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 22.370 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

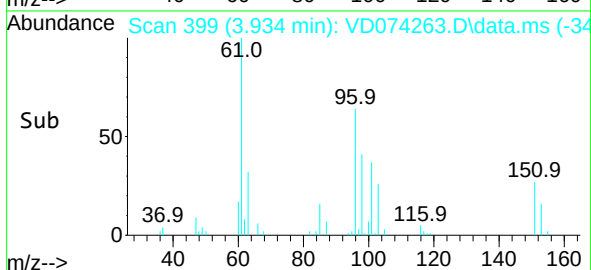
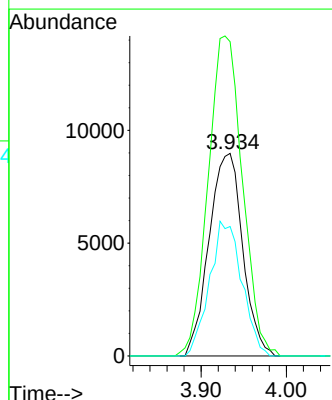
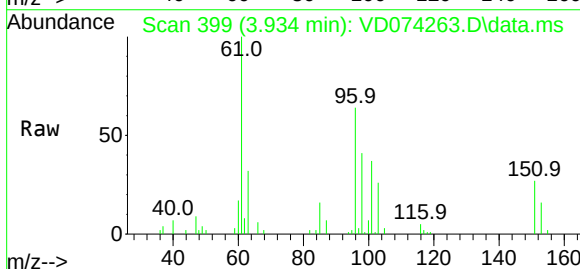
Tgt Ion: 96 Resp: 24618

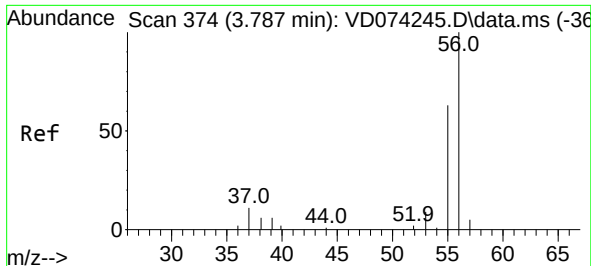
Ion Ratio Lower Upper

96 100

61 155.2 122.3 183.5

98 63.9 50.7 76.1

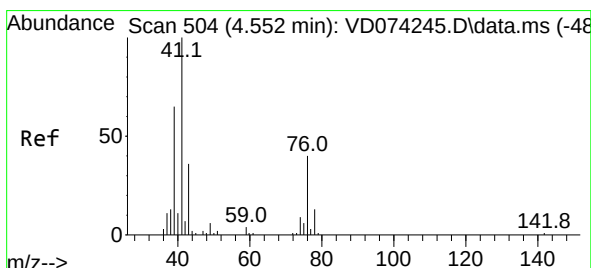
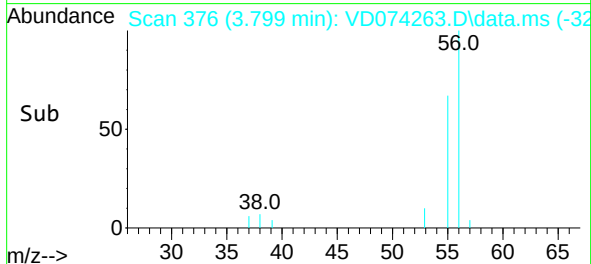
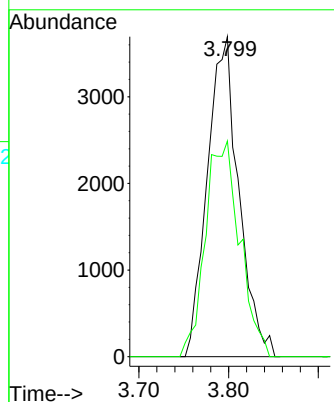
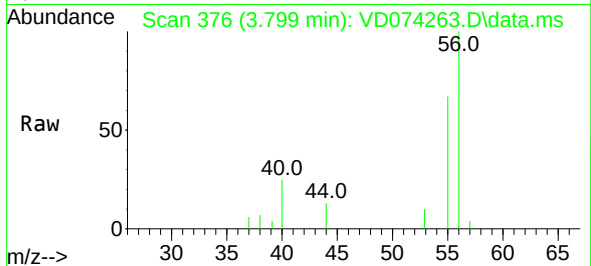




#13  
Acrolein  
Concen: 101.652 ug/l  
RT: 3.799 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

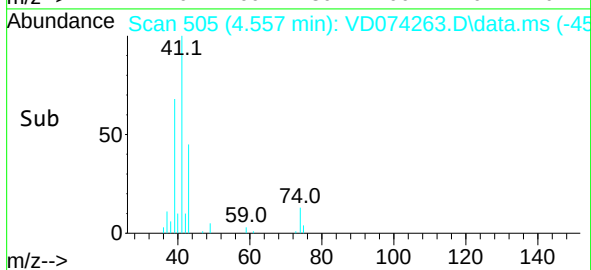
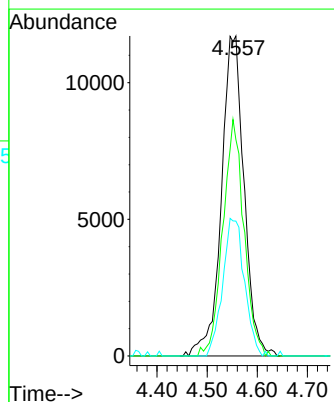
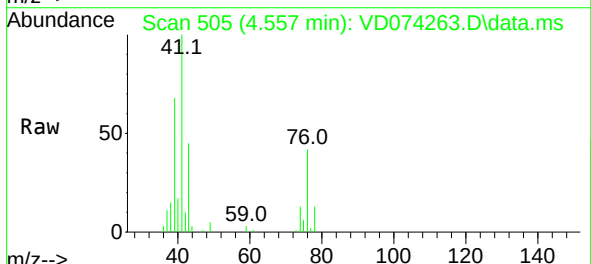
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

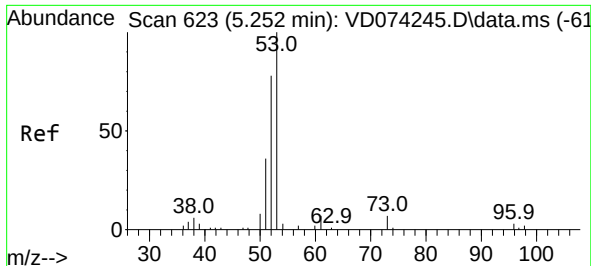
Tgt Ion: 56 Resp: 8985  
Ion Ratio Lower Upper  
56 100  
55 73.6 57.4 86.2



#14  
Allyl chloride  
Concen: 21.545 ug/l  
RT: 4.557 min Scan# 505  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 41 Resp: 36797  
Ion Ratio Lower Upper  
41 100  
39 68.9 52.8 79.2  
76 41.2 32.9 49.3

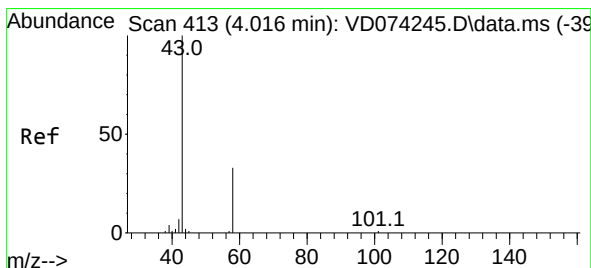
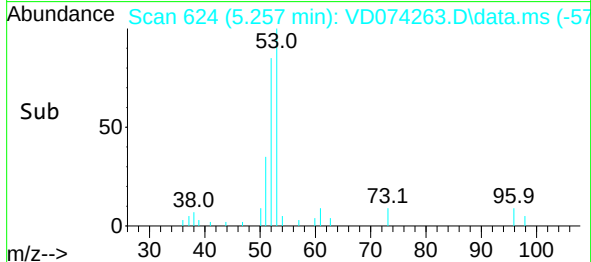
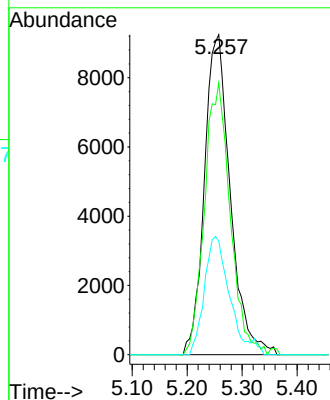
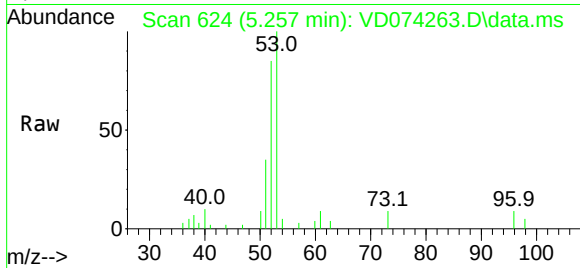




#15  
Acrylonitrile  
Concen: 113.617 ug/l  
RT: 5.257 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

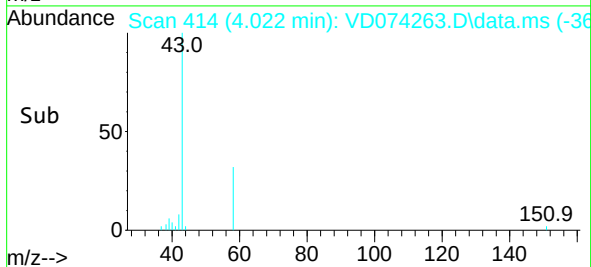
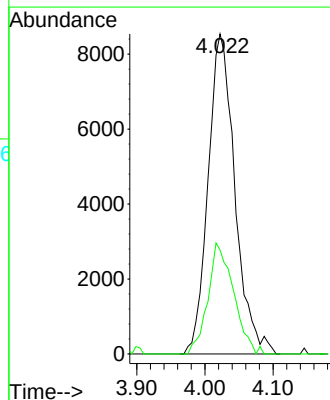
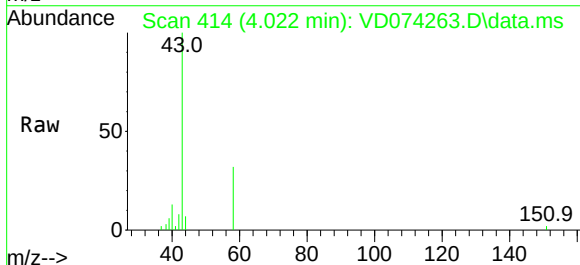
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

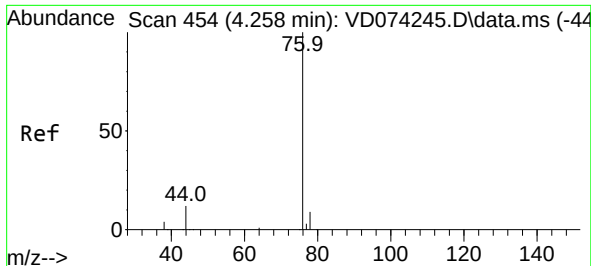
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 84.2  | 65.3  | 97.9  |
| 51      | 36.2  | 29.0  | 43.6  |



#16  
Acetone  
Concen: 110.930 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 32.5  | 26.4  | 39.6  |

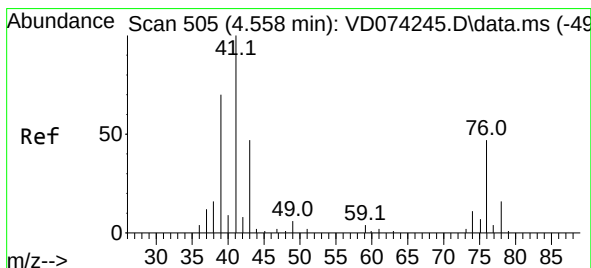
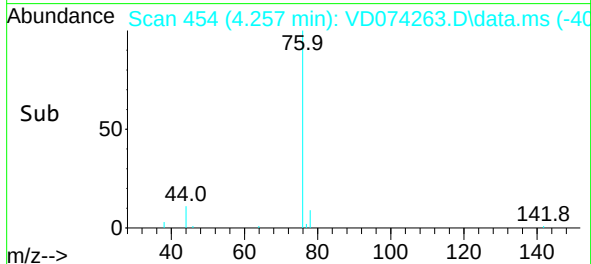
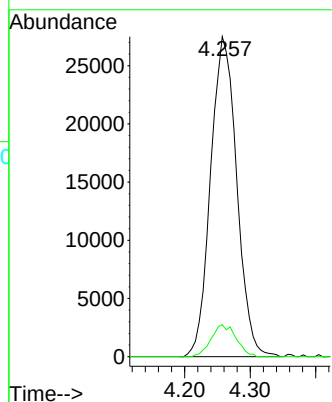
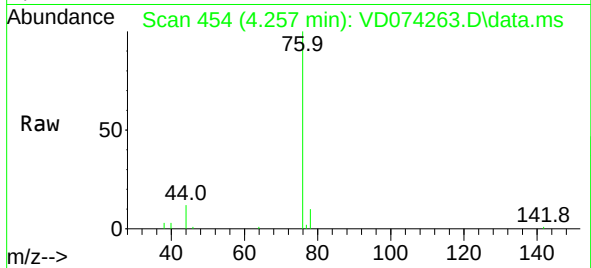




#17  
Carbon Disulfide  
Concen: 24.026 ug/l  
RT: 4.257 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

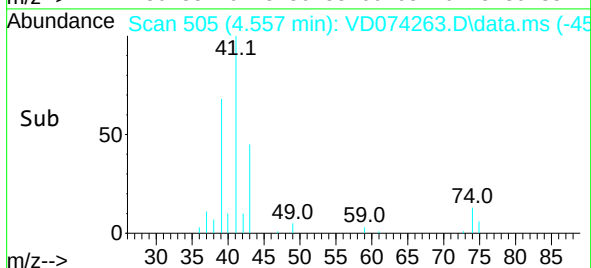
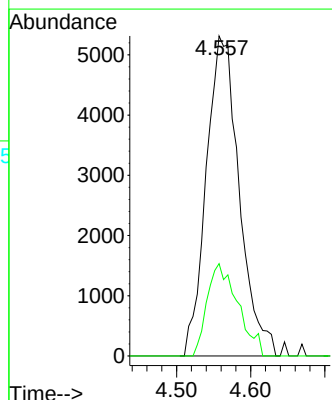
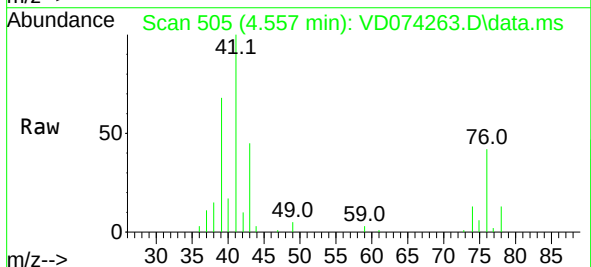
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

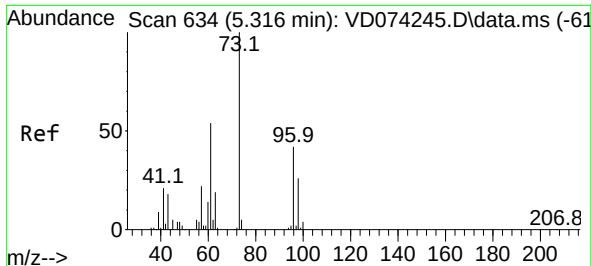
Tgt Ion: 76 Resp: 76274  
Ion Ratio Lower Upper  
76 100  
78 10.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 23.276 ug/l  
RT: 4.557 min Scan# 505  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 43 Resp: 16389  
Ion Ratio Lower Upper  
43 100  
74 26.8 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 21.353 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Instrument :

MSVOA\_D

ClientSampleId :

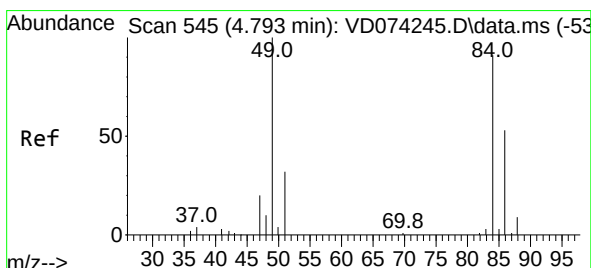
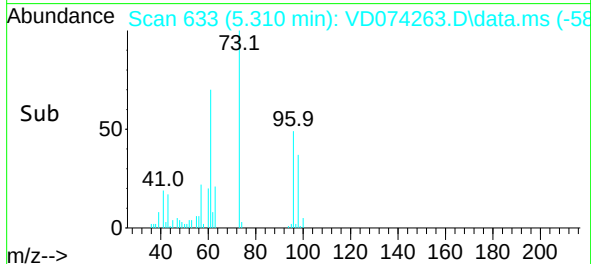
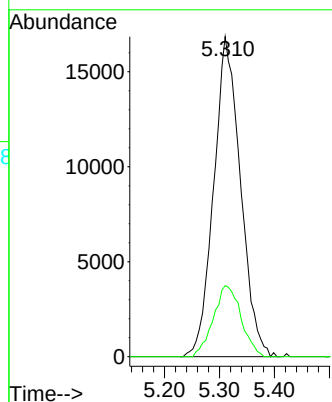
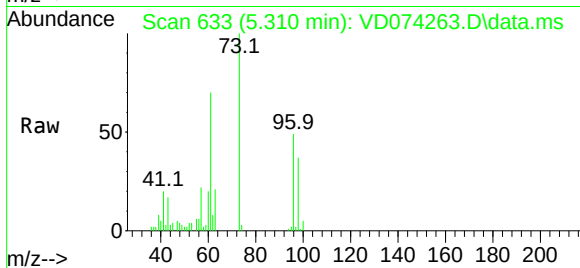
VD0913SBS01

Tgt Ion: 73 Resp: 56925

Ion Ratio Lower Upper

73 100

57 22.2 17.8 26.6



#20

Methylene Chloride

Concen: 26.799 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Tgt Ion: 84 Resp: 37960

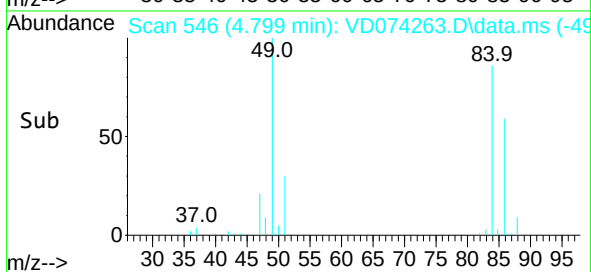
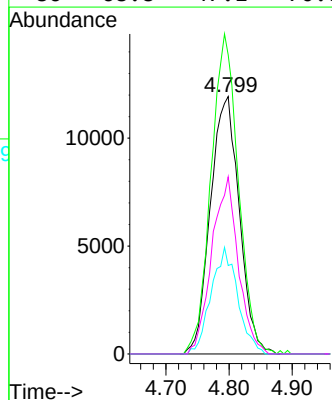
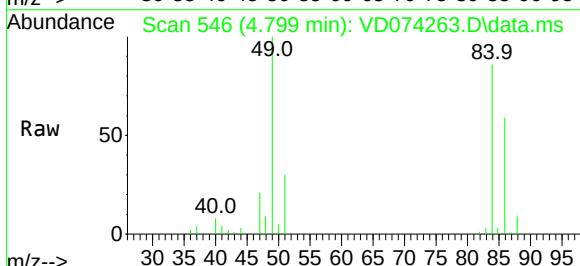
Ion Ratio Lower Upper

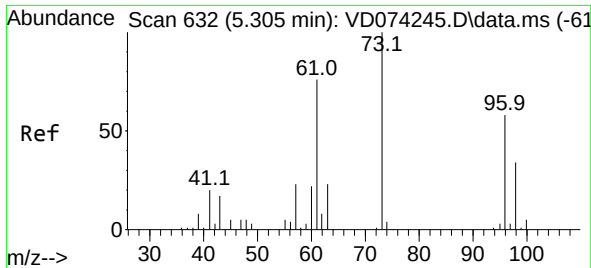
84 100

49 116.2 88.4 132.6

51 34.3 28.0 42.0

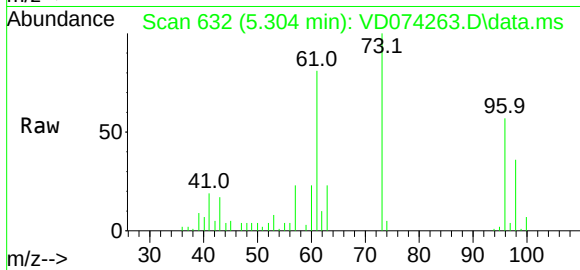
86 68.8 47.1 70.7



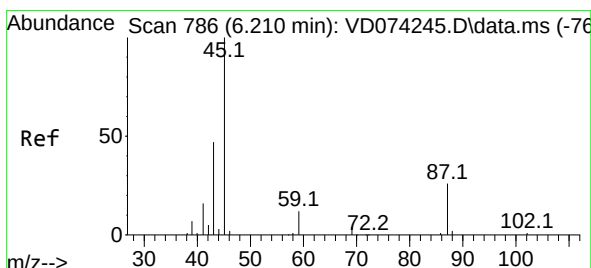
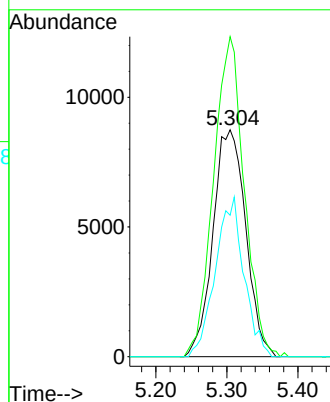
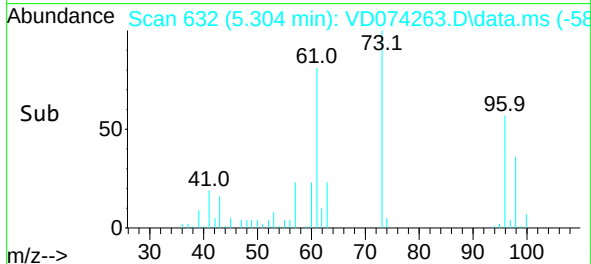


#21  
trans-1,2-Dichloroethene  
Concen: 22.562 ug/l  
RT: 5.304 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

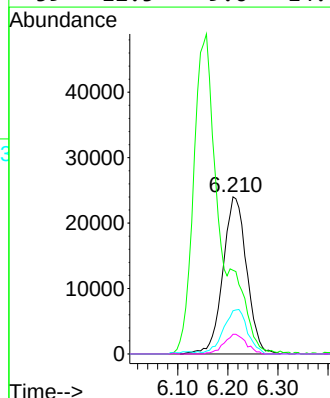
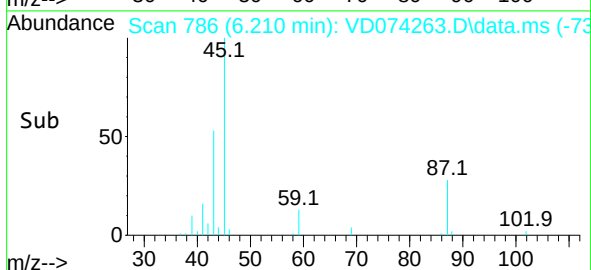
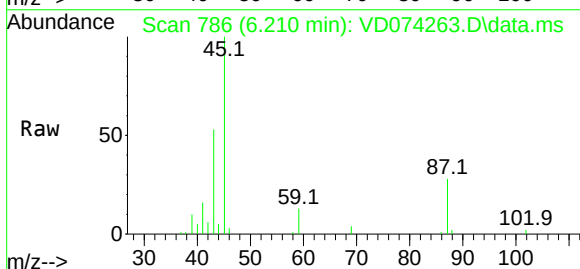


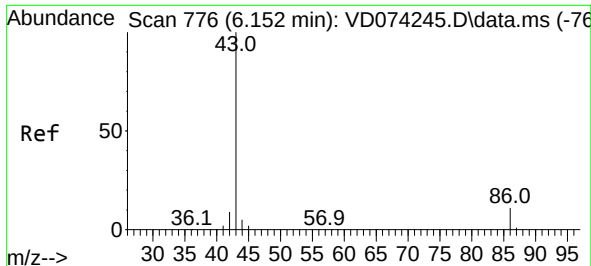
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 28010 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 141.1 | 105.1 | 157.7 |
| 98       | 62.4  | 47.4  | 71.2  |



#22  
Diisopropyl ether  
Concen: 21.754 ug/l  
RT: 6.210 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 78848 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 51.4  | 38.9  | 58.3  |
| 87       | 27.5  | 21.0  | 31.4  |
| 59       | 12.5  | 9.6   | 14.4  |

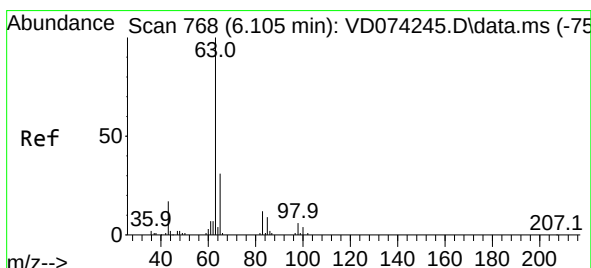
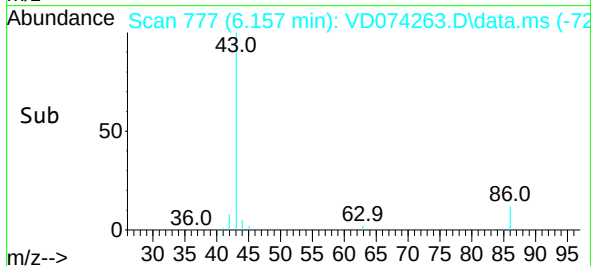
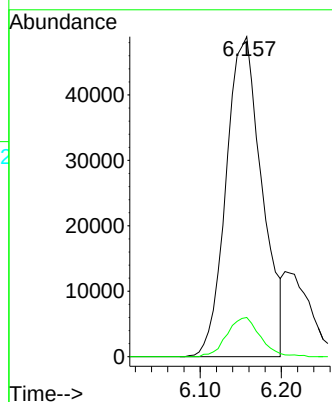
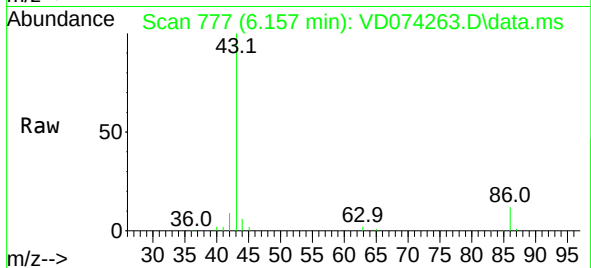




#23  
 Vinyl Acetate  
 Concen: 87.787 ug/l  
 RT: 6.157 min Scan# 71  
 Delta R.T. 0.006 min  
 Lab File: VD074263.D  
 Acq: 13 Sep 2022 13:51

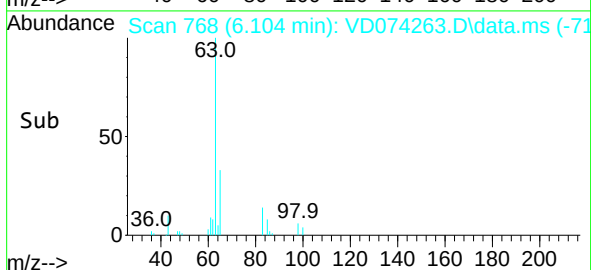
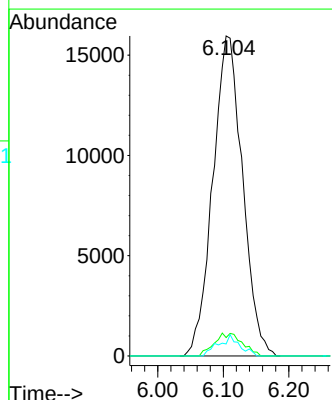
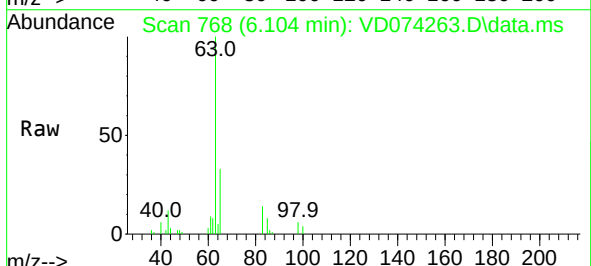
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0913SBS01

Tgt Ion: 43 Resp: 150248  
 Ion Ratio Lower Upper  
 43 100  
 86 12.2 8.6 13.0

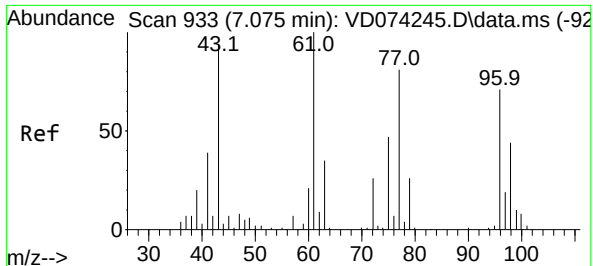


#24  
 1,1-Dichloroethane  
 Concen: 22.422 ug/l  
 RT: 6.104 min Scan# 768  
 Delta R.T. -0.000 min  
 Lab File: VD074263.D  
 Acq: 13 Sep 2022 13:51

Tgt Ion: 63 Resp: 50203  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 2.8 8.4  
 100 3.8 2.2 6.6







#25

2-Butanone

Concen: 111.912 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Instrument :

MSVOA\_D

ClientSampleId :

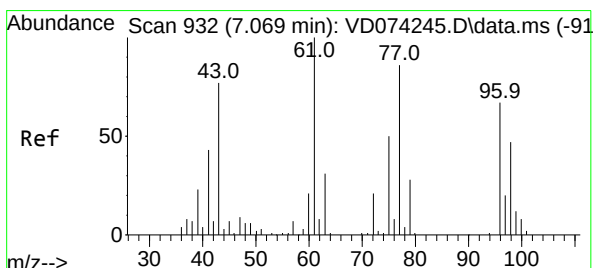
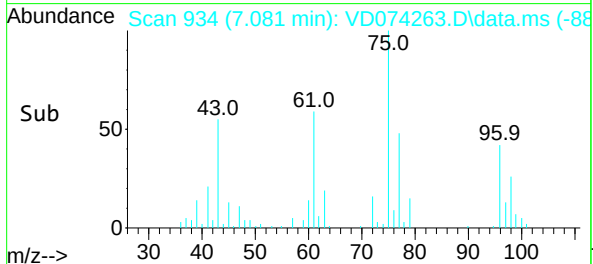
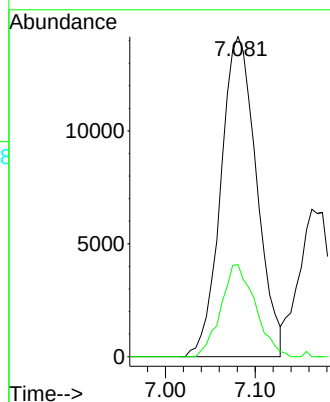
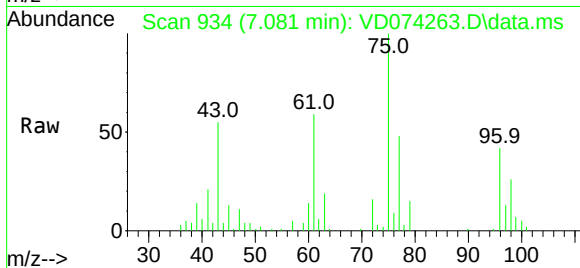
VD0913SBS01

Tgt Ion: 43 Resp: 39282

Ion Ratio Lower Upper

43 100

72 28.8 21.8 32.6



#26

2,2-Dichloropropane

Concen: 21.466 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.000 min

Lab File: VD074263.D

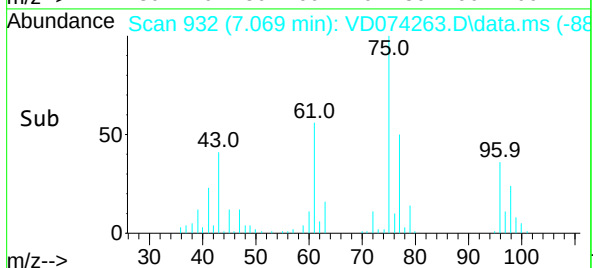
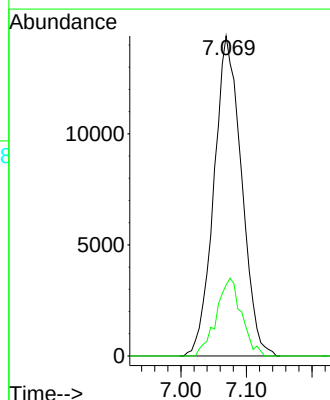
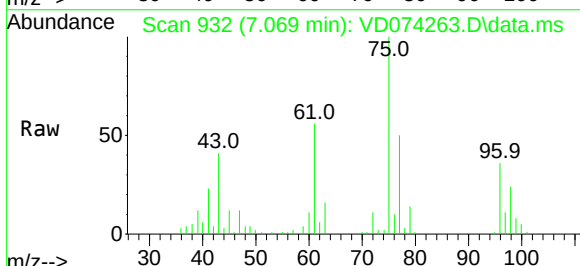
Acq: 13 Sep 2022 13:51

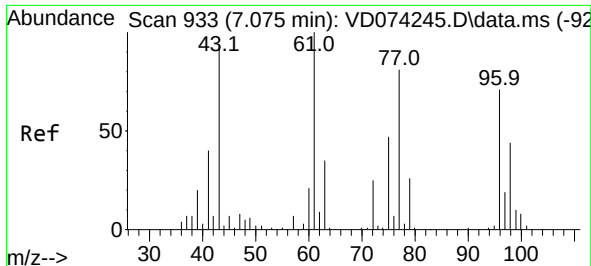
Tgt Ion: 77 Resp: 41990

Ion Ratio Lower Upper

77 100

97 22.2 11.5 34.4

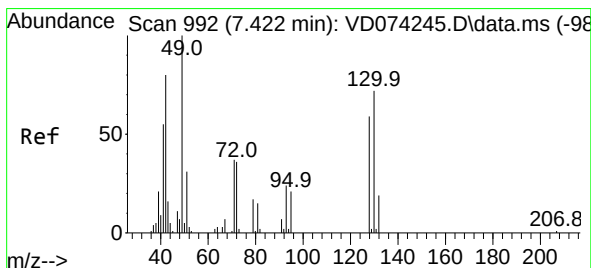
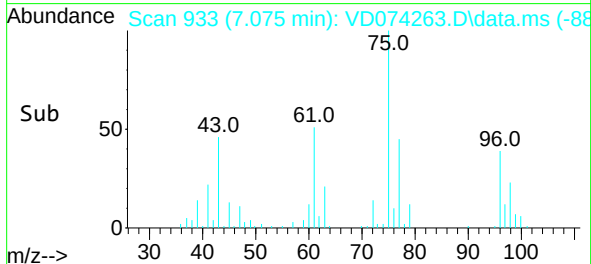
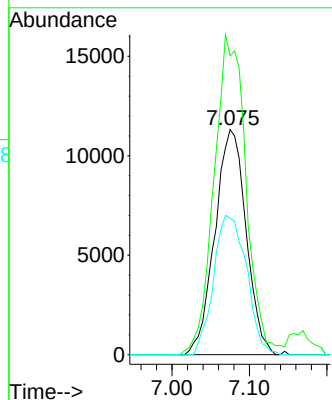
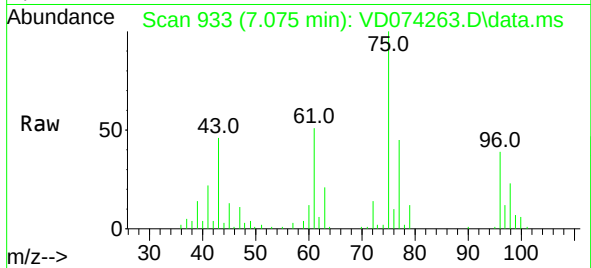




#27  
 cis-1,2-Dichloroethene  
 Concen: 22.386 ug/l  
 RT: 7.075 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VD074263.D  
 Acq: 13 Sep 2022 13:51

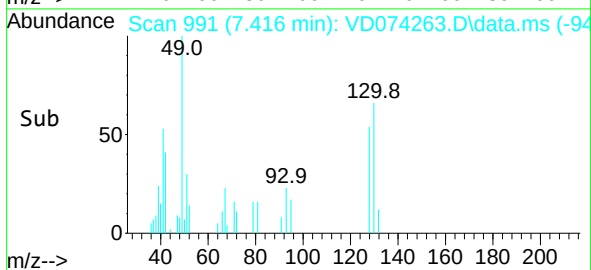
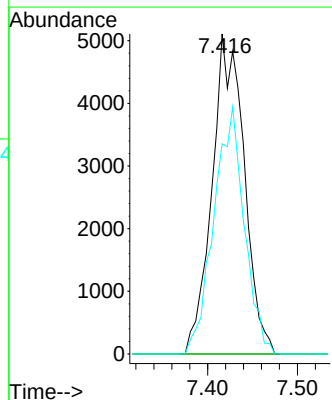
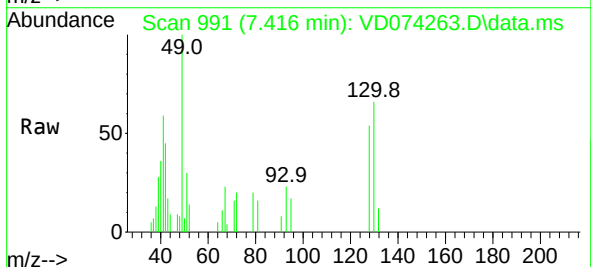
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0913SBS01

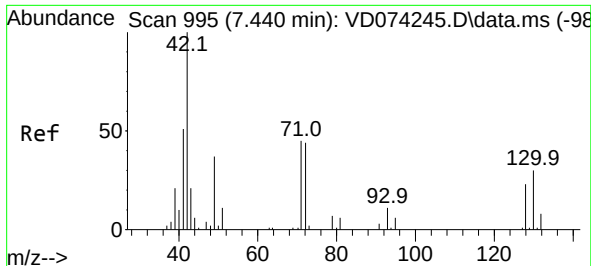
Tgt Ion: 96 Resp: 31755  
 Ion Ratio Lower Upper  
 96 100  
 61 144.3 0.0 289.4  
 98 65.1 0.0 130.2



#28  
 Bromochloromethane  
 Concen: 18.442 ug/l  
 RT: 7.416 min Scan# 991  
 Delta R.T. -0.006 min  
 Lab File: VD074263.D  
 Acq: 13 Sep 2022 13:51

Tgt Ion: 49 Resp: 12681  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 3.6  
 130 73.3 62.2 93.2





#29

Tetrahydrofuran

Concen: 113.842 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0913SBS01

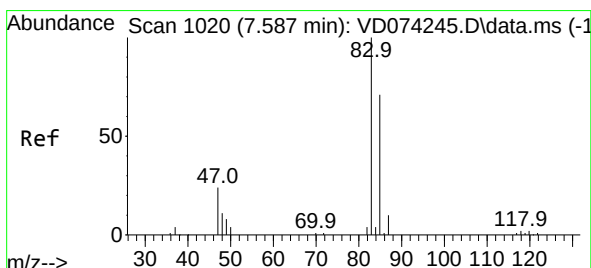
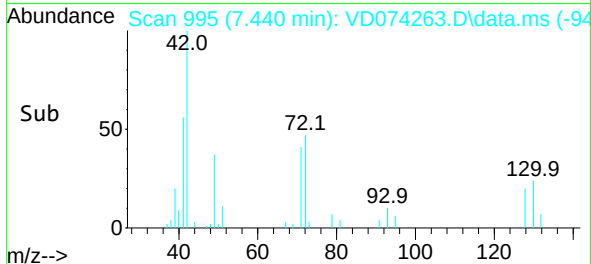
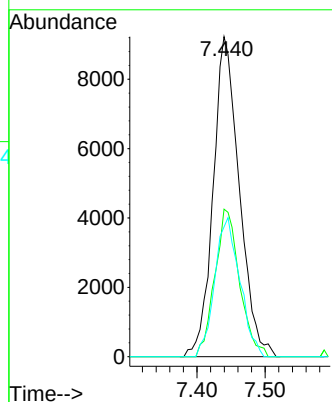
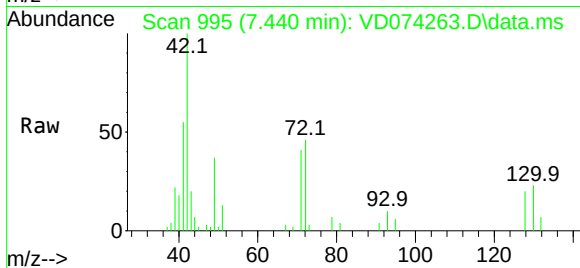
Tgt Ion: 42 Resp: 24635

Ion Ratio Lower Upper

42 100

72 43.5 36.1 54.1

71 41.7 34.1 51.1



#30

Chloroform

Concen: 22.237 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD074263.D

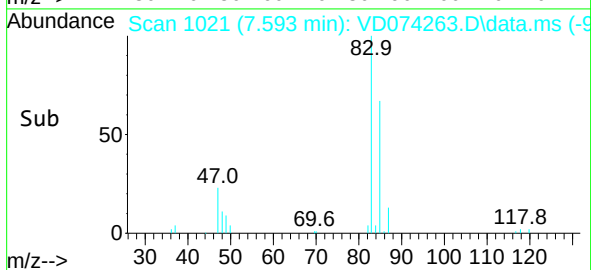
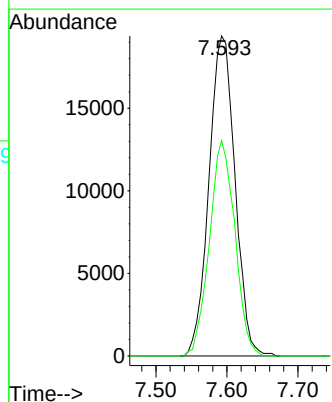
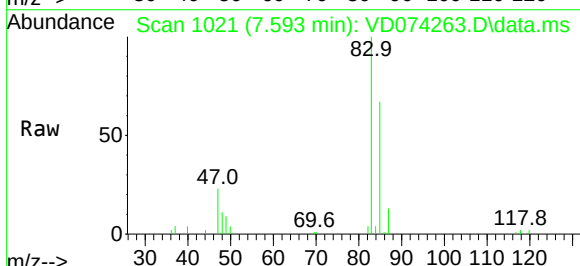
Acq: 13 Sep 2022 13:51

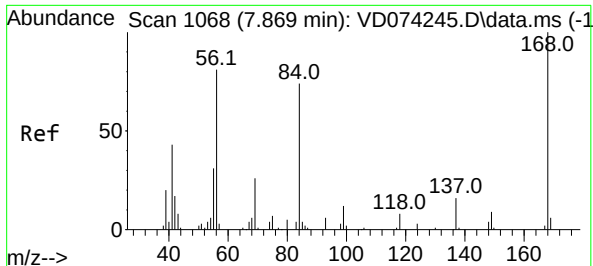
Tgt Ion: 83 Resp: 49416

Ion Ratio Lower Upper

83 100

85 67.3 56.7 85.1

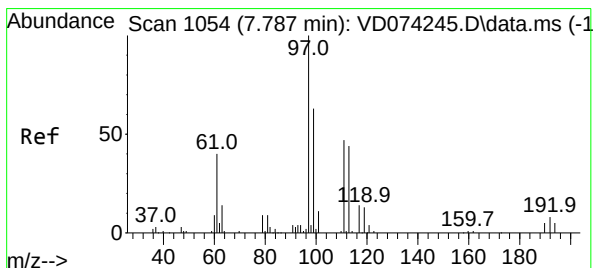
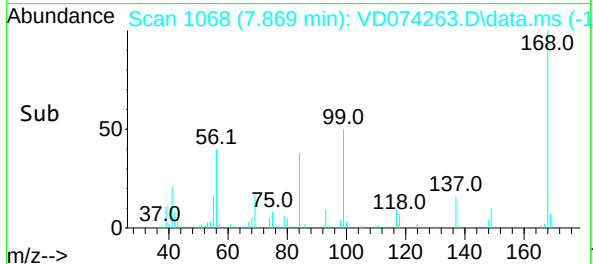
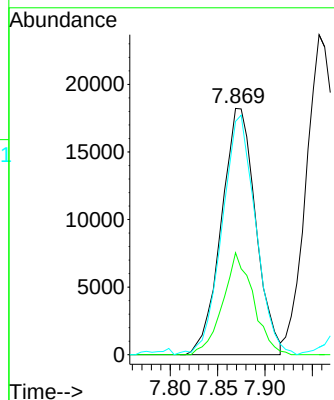
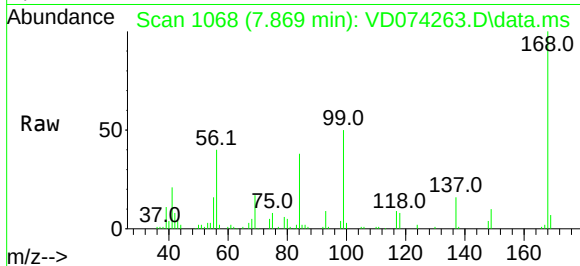




#31  
Cyclohexane  
Concen: 21.765 ug/l  
RT: 7.869 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

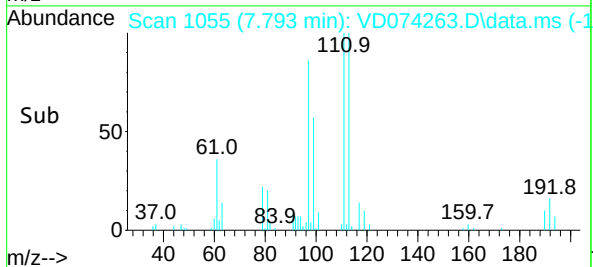
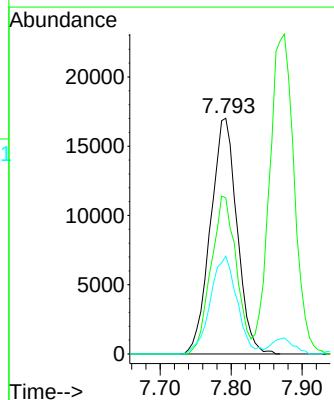
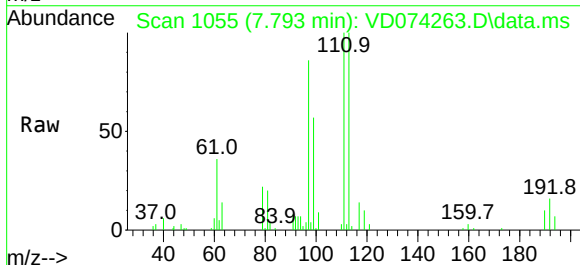
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

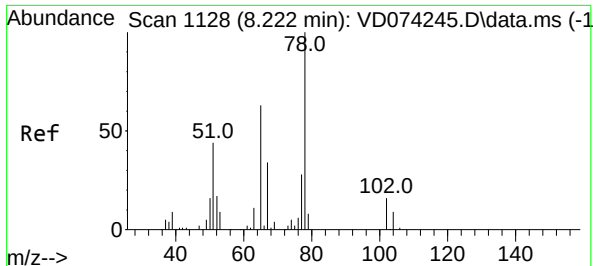
Tgt Ion: 56 Resp: 45862  
Ion Ratio Lower Upper  
56 100  
69 41.4 25.7 38.5#  
84 93.9 73.9 110.9



#32  
1,1,1-Trichloroethane  
Concen: 22.620 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 97 Resp: 44105  
Ion Ratio Lower Upper  
97 100  
99 63.6 51.2 76.8  
61 41.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 55.116 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Instrument :

MSVOA\_D

ClientSampleId :

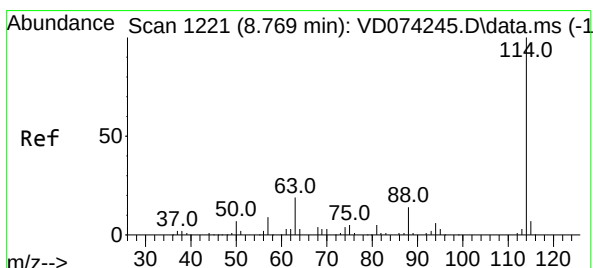
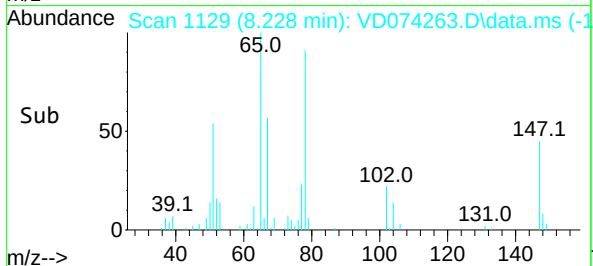
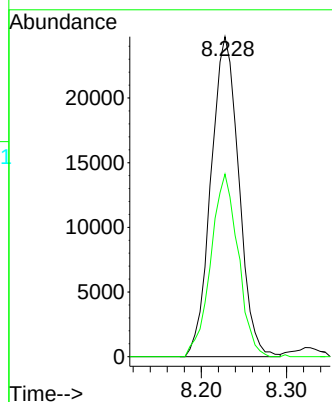
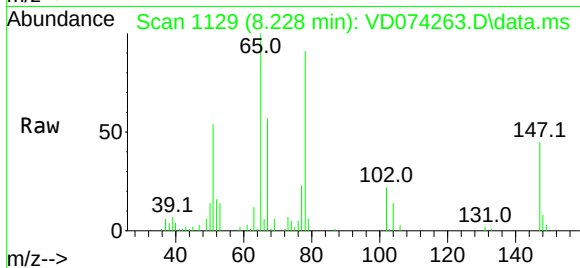
VD0913SBS01

Tgt Ion: 65 Resp: 56197

Ion Ratio Lower Upper

65 100

67 56.0 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

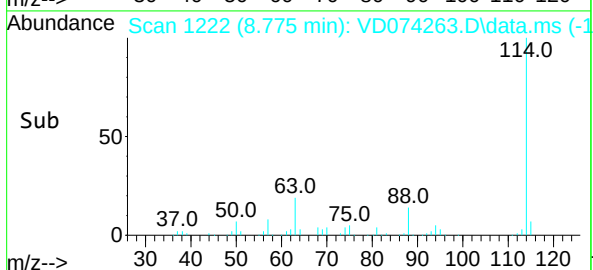
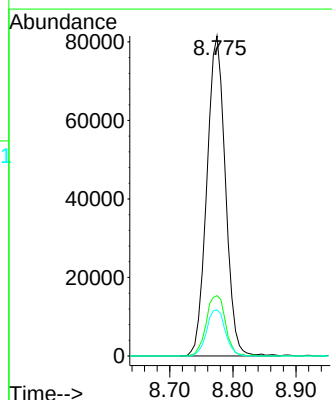
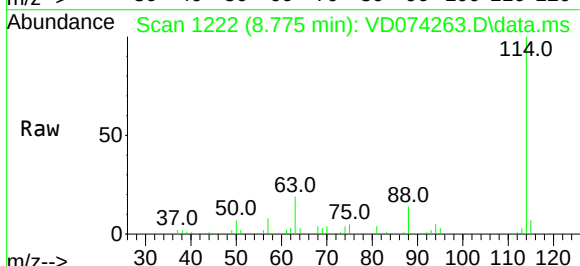
Tgt Ion: 114 Resp: 166107

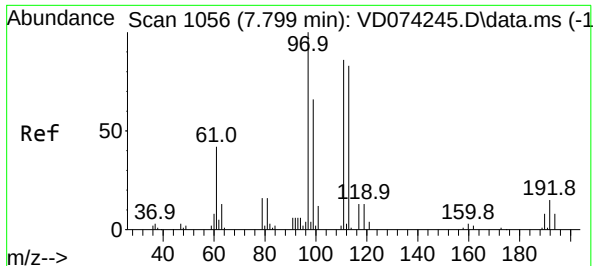
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

88 14.4 0.0 28.4





#35

Dibromofluoromethane

Concen: 52.826 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0913SBS01

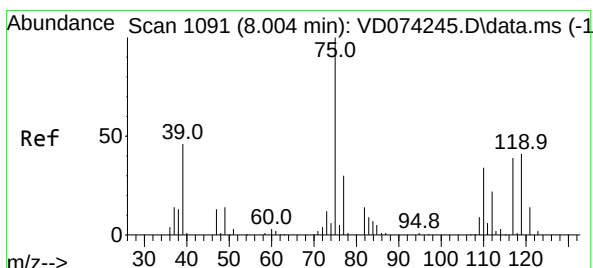
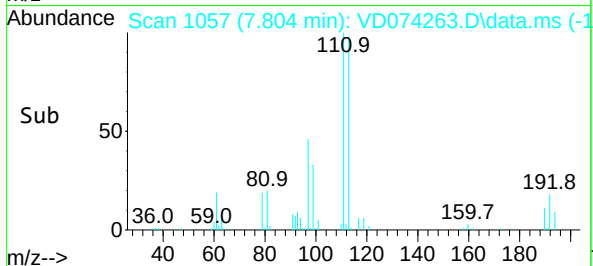
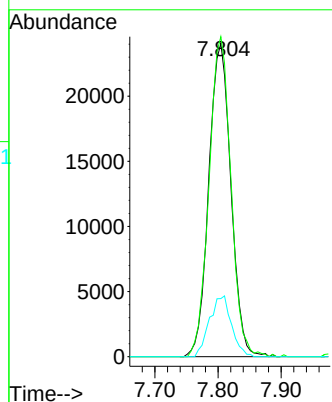
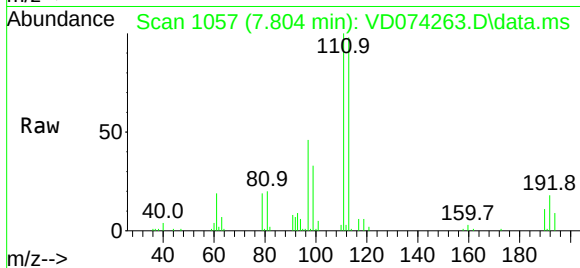
Tgt Ion:113 Resp: 58514

Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.6

192 19.3 16.2 24.2



#36

1,1-Dichloropropene

Concen: 22.124 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

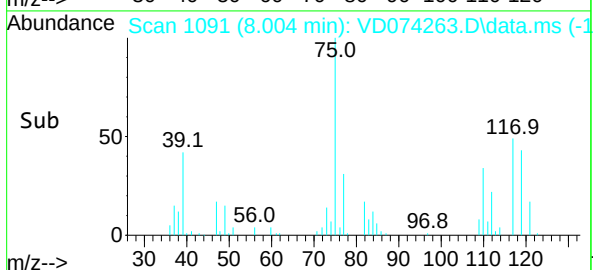
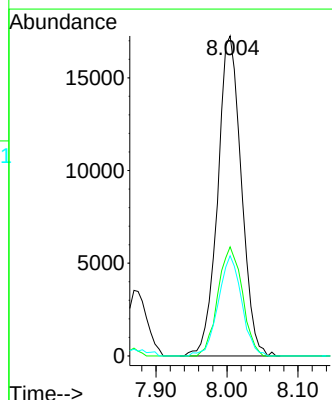
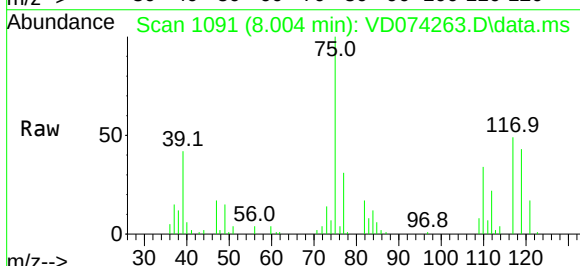
Tgt Ion: 75 Resp: 39777

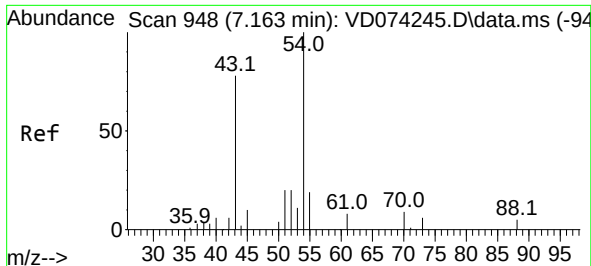
Ion Ratio Lower Upper

75 100

110 35.2 17.5 52.5

77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 23.582 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.000 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0913SBS01

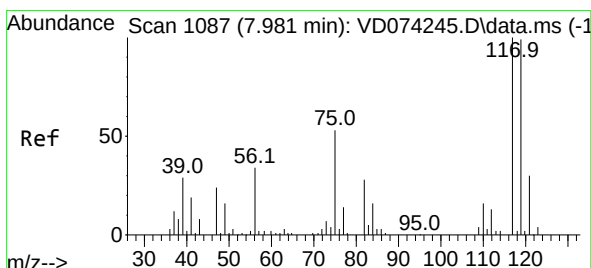
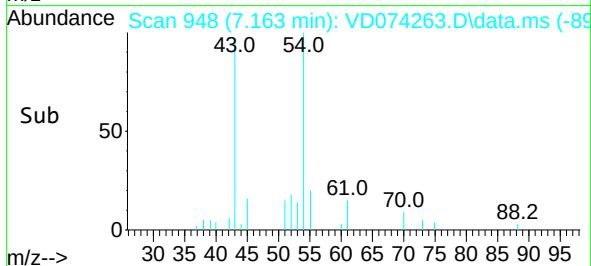
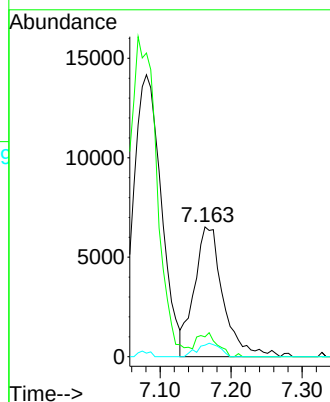
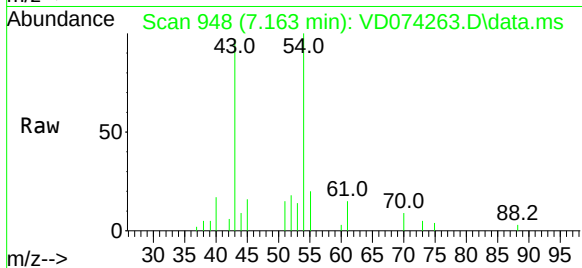
Tgt Ion: 43 Resp: 18386

Ion Ratio Lower Upper

43 100

61 12.4 12.1 18.1

70 8.1 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 22.723 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

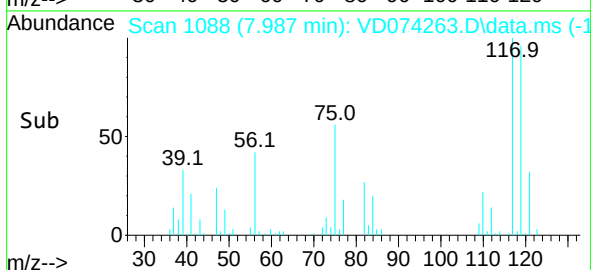
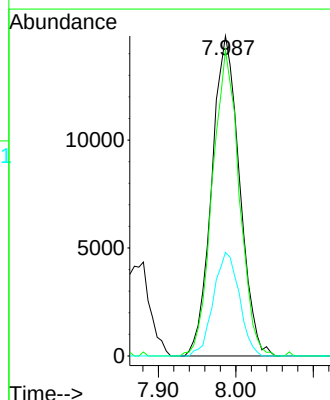
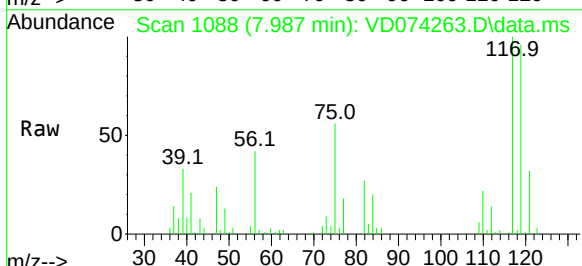
Tgt Ion: 117 Resp: 36963

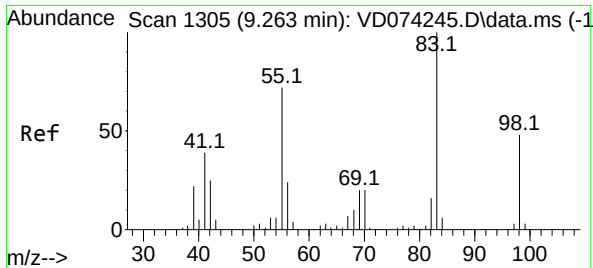
Ion Ratio Lower Upper

117 100

119 95.6 78.8 118.2

121 32.3 23.9 35.9





#39

Methylcyclohexane

Concen: 22.036 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0913SBS01

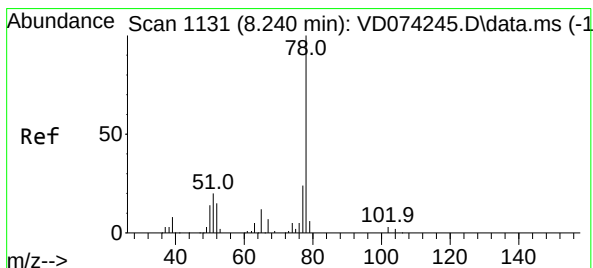
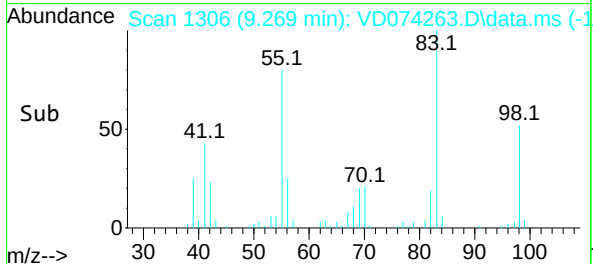
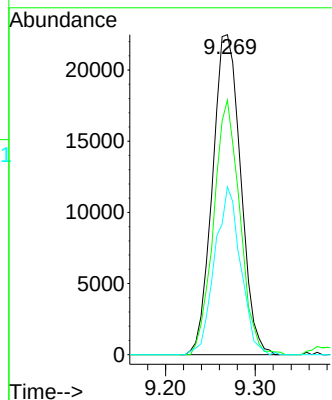
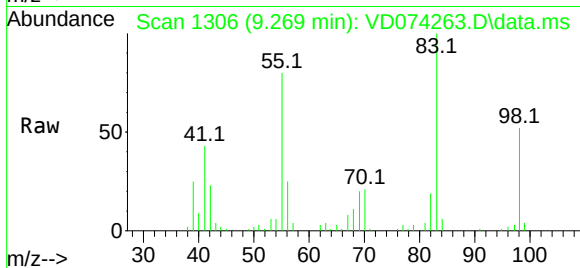
Tgt Ion: 83 Resp: 49044

Ion Ratio Lower Upper

83 100

55 79.5 57.2 85.8

98 52.5 38.3 57.5



#40

Benzene

Concen: 22.647 ug/l

RT: 8.245 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VD074263.D

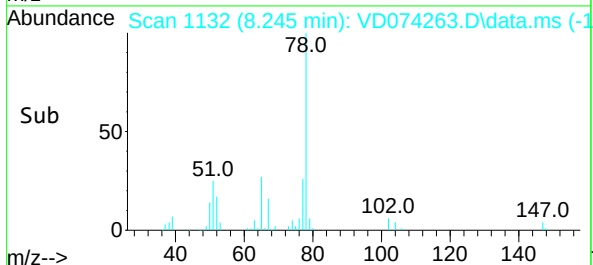
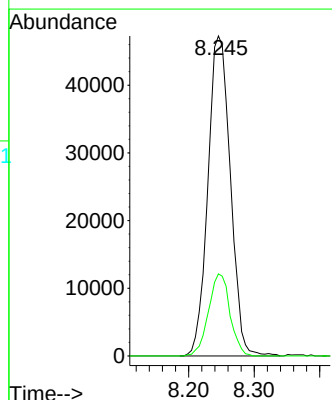
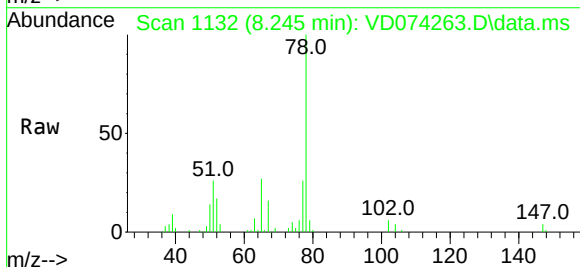
Acq: 13 Sep 2022 13:51

Tgt Ion: 78 Resp: 112682

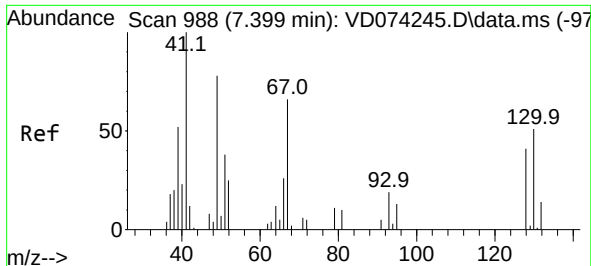
Ion Ratio Lower Upper

78 100

77 25.6 19.4 29.2



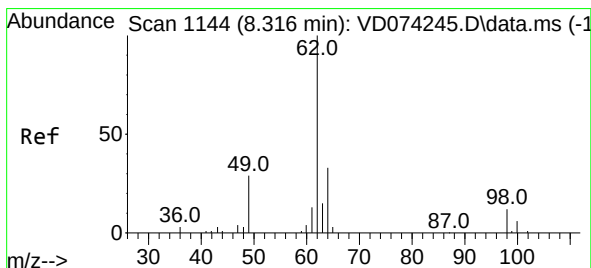
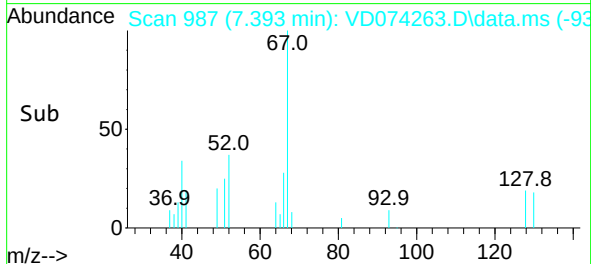
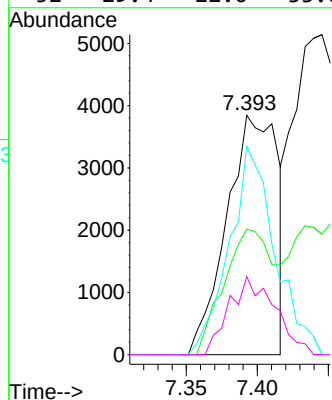
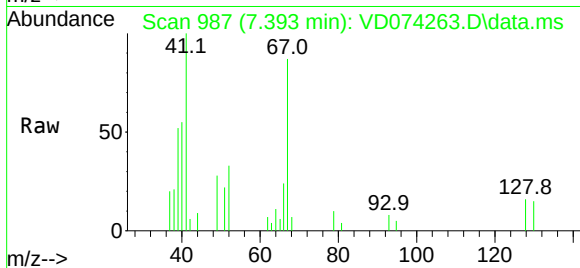




#41  
Methacrylonitrile  
Concen: 22.007 ug/l  
RT: 7.393 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

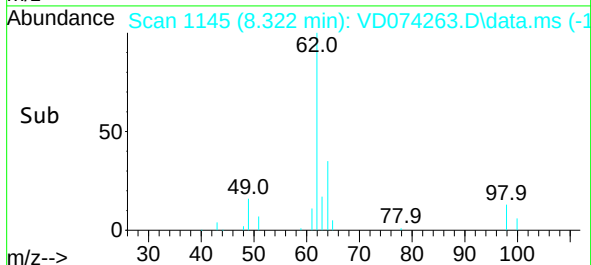
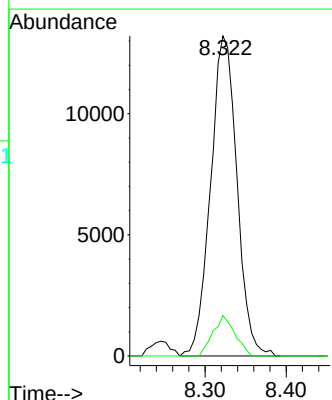
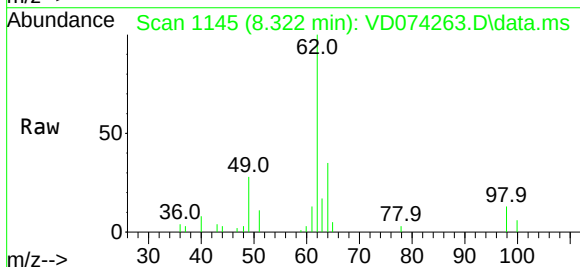
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

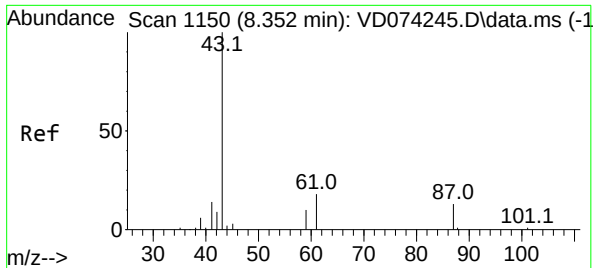
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 9557  |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 52.0     | 39.8 59.6   |
| 67 78.3     | 56.1 84.1   |
| 52 29.4     | 22.0 33.0   |



#42  
1,2-Dichloroethane  
Concen: 22.681 ug/l  
RT: 8.322 min Scan# 1145  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 29824 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 10.5     | 0.0 21.4    |

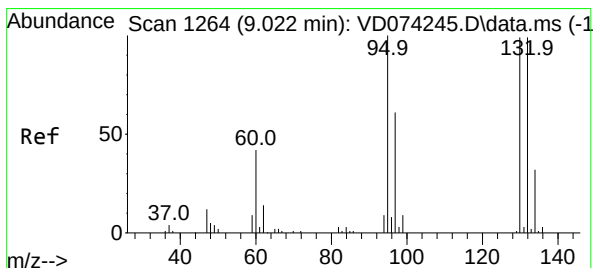
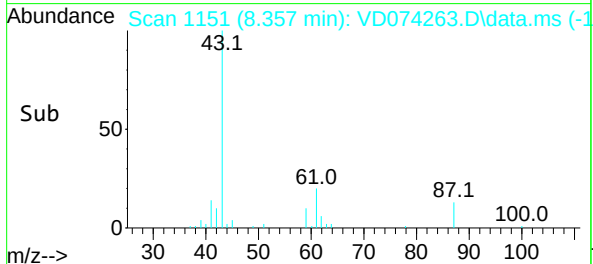
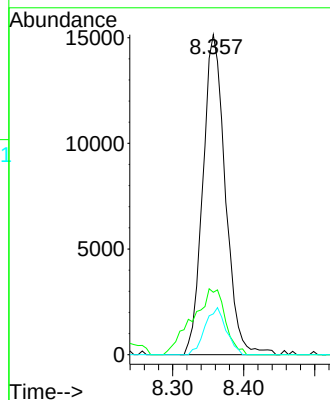
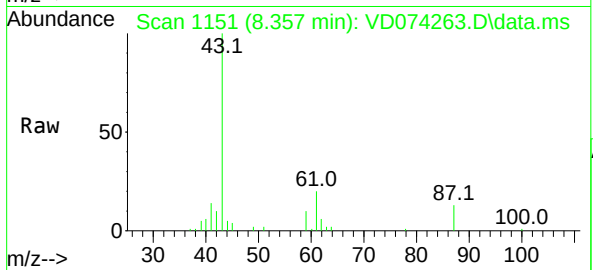




#43  
Isopropyl Acetate  
Concen: 22.081 ug/l  
RT: 8.357 min Scan# 1151  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

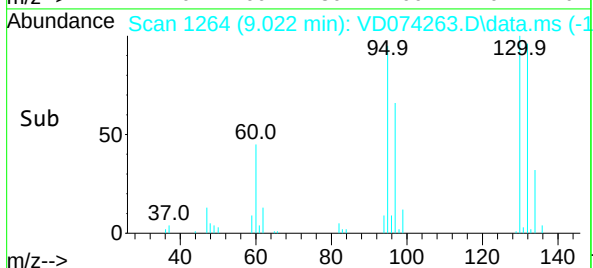
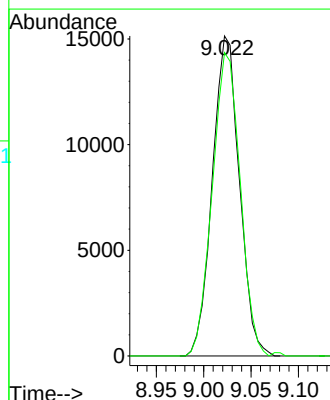
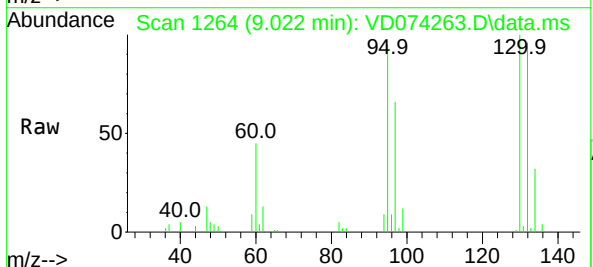
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

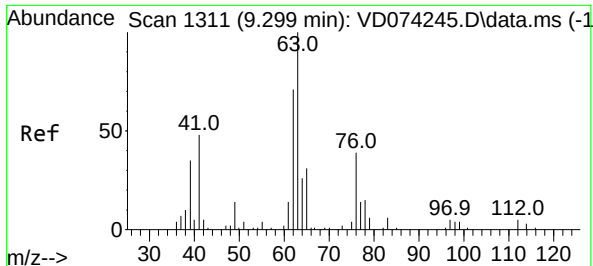
Tgt Ion: 43 Resp: 33253  
Ion Ratio Lower Upper  
43 100  
61 30.0 24.5 36.7  
87 13.9 10.8 16.2



#44  
Trichloroethene  
Concen: 21.749 ug/l  
RT: 9.022 min Scan# 1264  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 130 Resp: 30038  
Ion Ratio Lower Upper  
130 100  
95 94.8 0.0 202.2





#45

1,2-Dichloropropane

Concen: 21.955 ug/l

RT: 9.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Instrument :

MSVOA\_D

ClientSampleId :

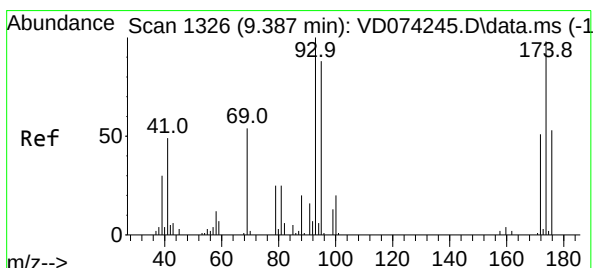
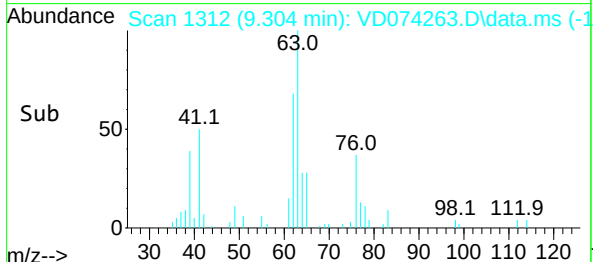
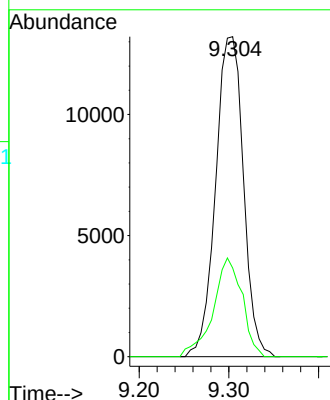
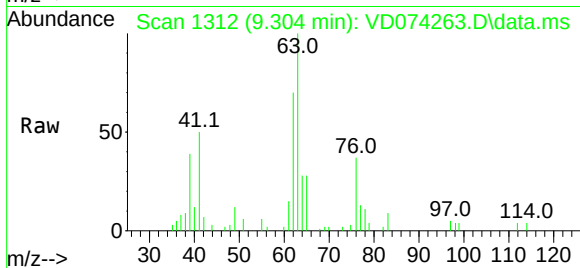
VD0913SBS01

Tgt Ion: 63 Resp: 28391

Ion Ratio Lower Upper

63 100

65 27.7 24.5 36.7



#46

Dibromomethane

Concen: 22.389 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

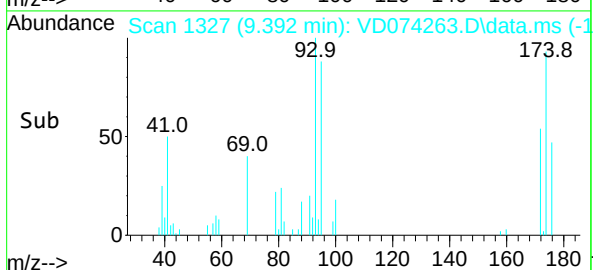
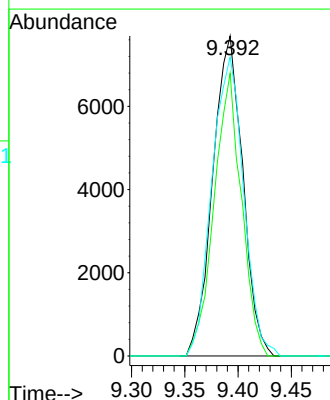
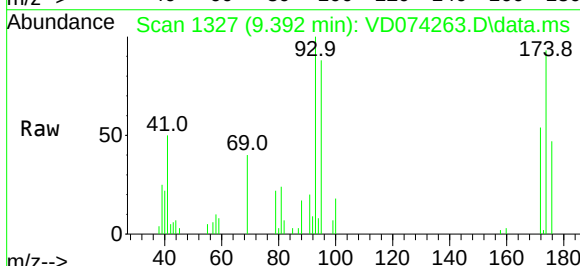
Tgt Ion: 93 Resp: 15032

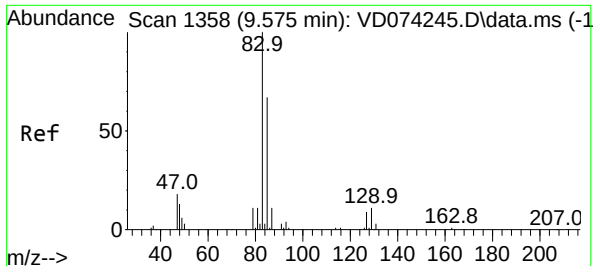
Ion Ratio Lower Upper

93 100

95 80.5 67.7 101.5

174 98.6 79.6 119.4





#47

Bromodichloromethane

Concen: 22.363 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0913SBS01

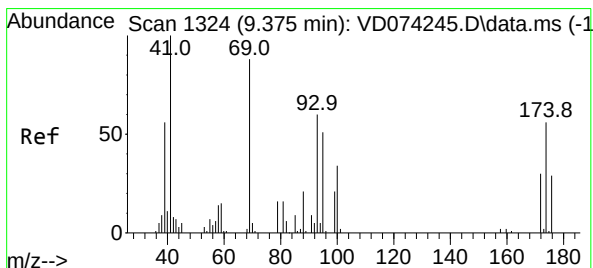
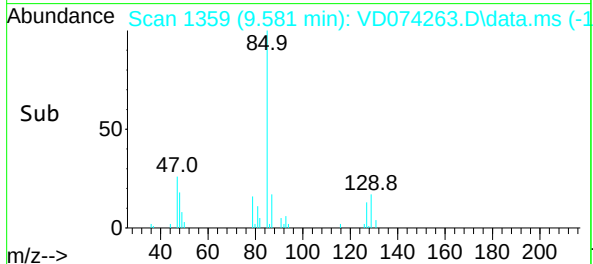
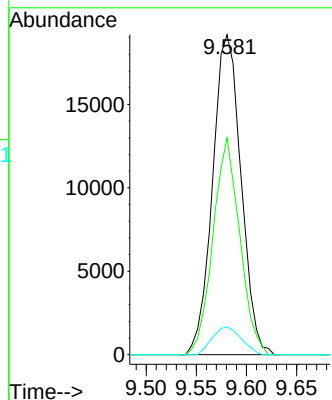
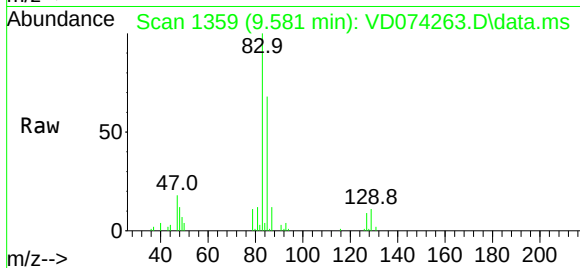
Tgt Ion: 83 Resp: 37774

Ion Ratio Lower Upper

83 100

85 67.8 53.4 80.2

127 8.7 6.9 10.3



#48

Methyl methacrylate

Concen: 22.102 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

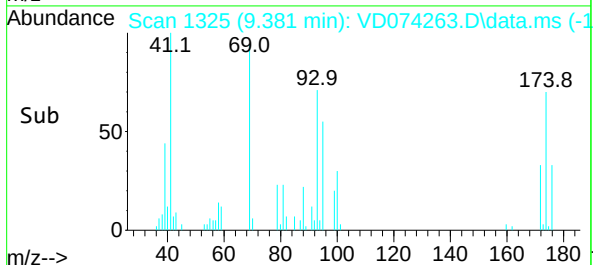
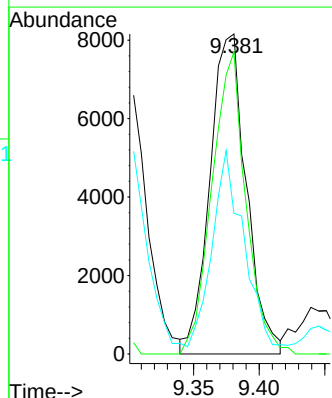
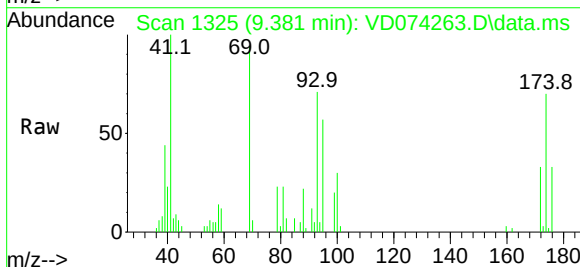
Tgt Ion: 41 Resp: 15721

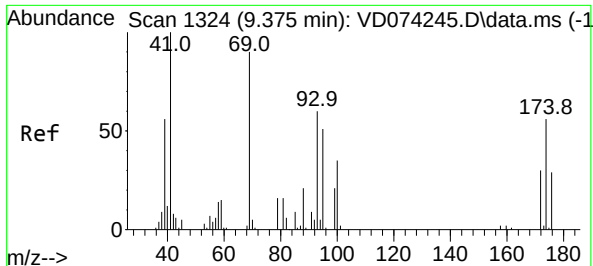
Ion Ratio Lower Upper

41 100

69 88.0 72.7 109.1

39 53.7 41.6 62.4





#49

1,4-Dioxane

Concen: 484.862 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0913SBS01

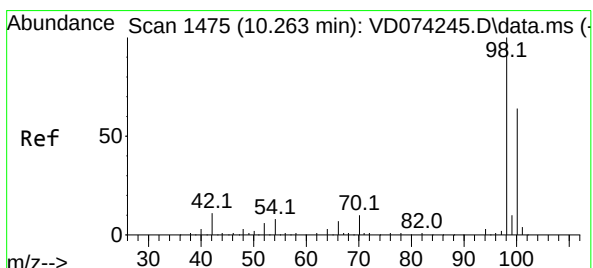
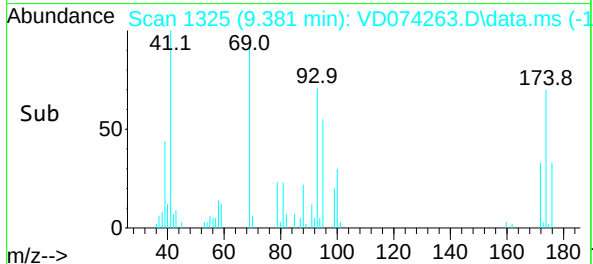
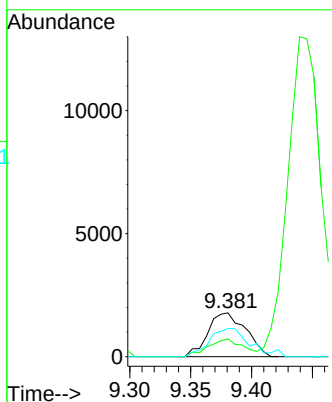
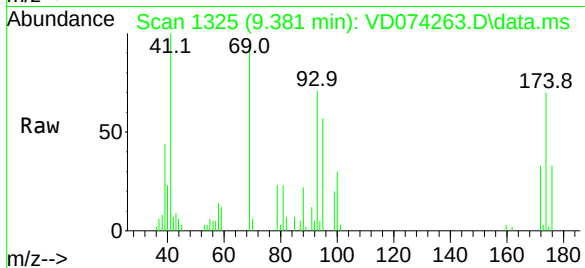
Tgt Ion: 88 Resp: 3855

Ion Ratio Lower Upper

88 100

43 37.6 27.0 40.4

58 68.7 54.2 81.2



#50

Toluene-d8

Concen: 55.690 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VD074263.D

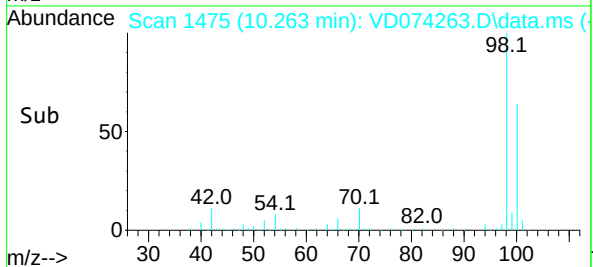
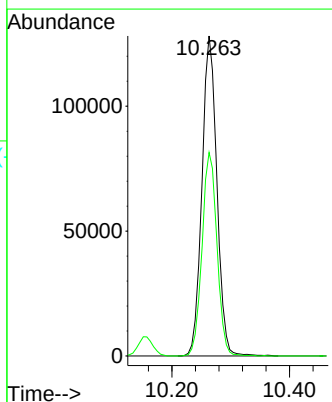
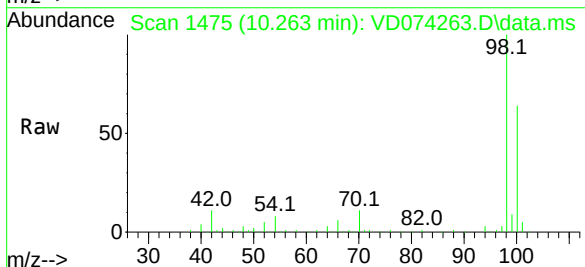
Acq: 13 Sep 2022 13:51

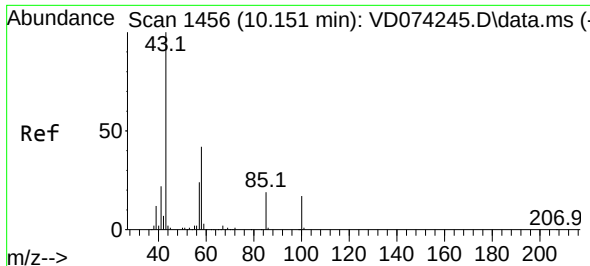
Tgt Ion: 98 Resp: 226759

Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.8

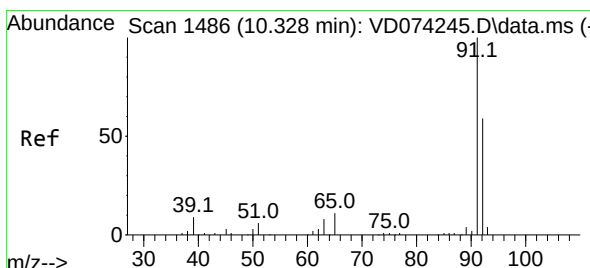
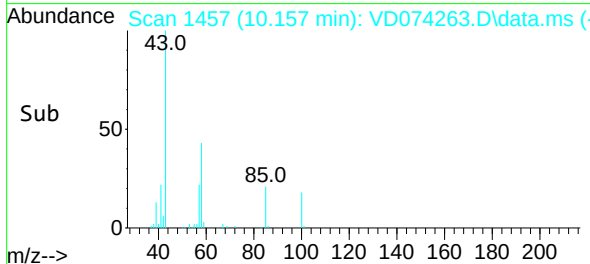
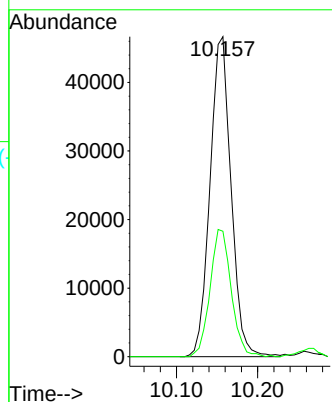
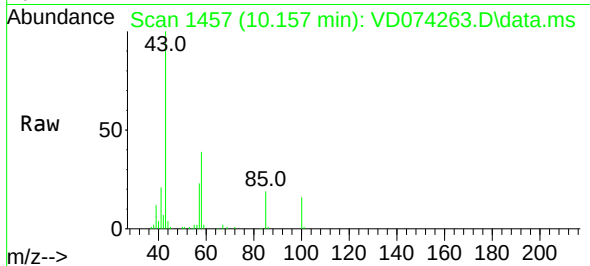




#51  
4-Methyl-2-Pentanone  
Concen: 110.318 ug/l  
RT: 10.157 min Scan# 1456  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

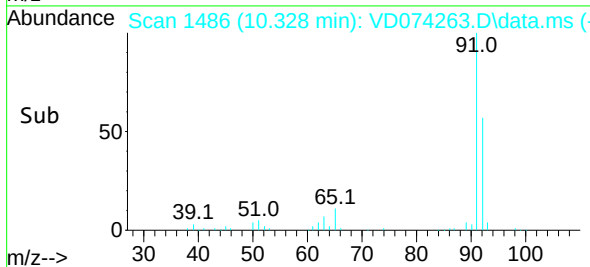
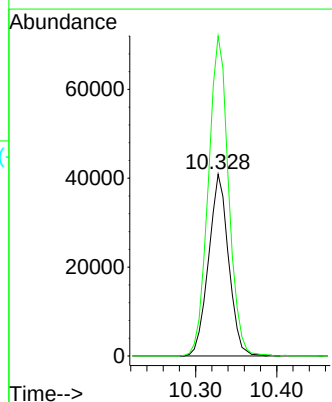
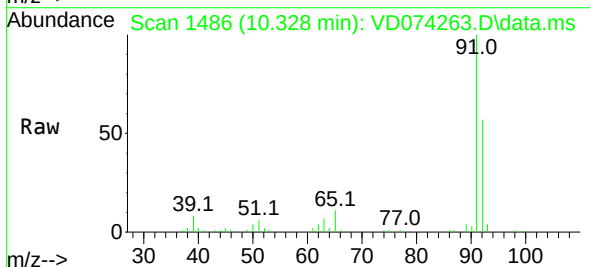
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

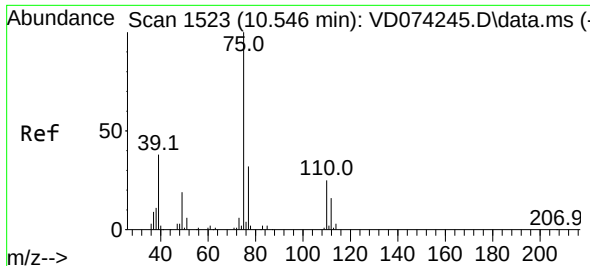
Tgt Ion: 43 Resp: 83969  
Ion Ratio Lower Upper  
43 100  
58 40.1 33.3 49.9



#52  
Toluene  
Concen: 21.899 ug/l  
RT: 10.328 min Scan# 1486  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 92 Resp: 69890  
Ion Ratio Lower Upper  
92 100  
91 178.4 139.3 208.9

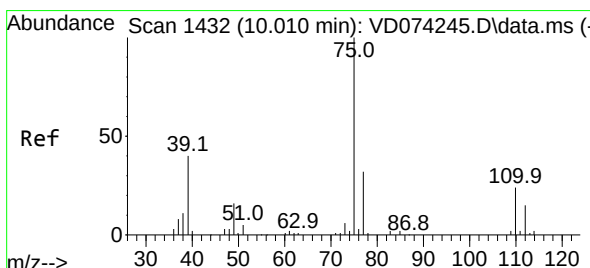
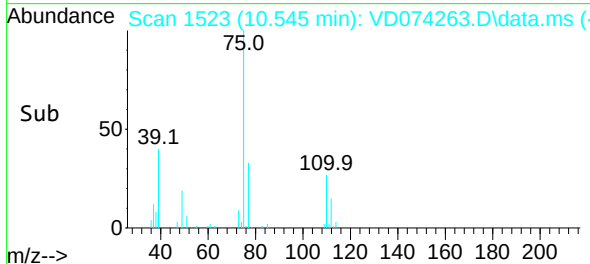
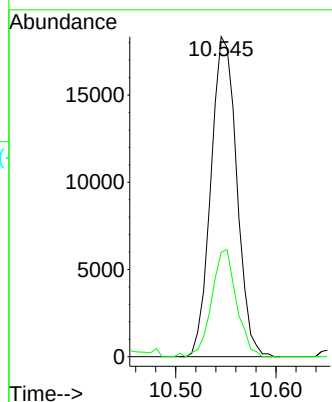
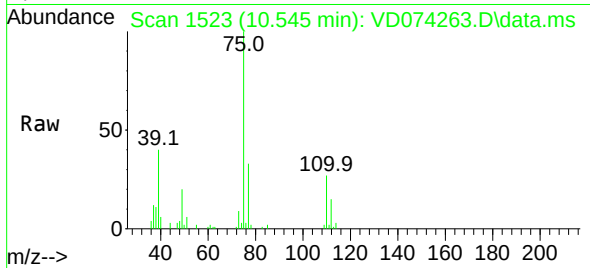




#53  
 t-1,3-Dichloropropene  
 Concen: 20.625 ug/l  
 RT: 10.545 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VD074263.D  
 Acq: 13 Sep 2022 13:51

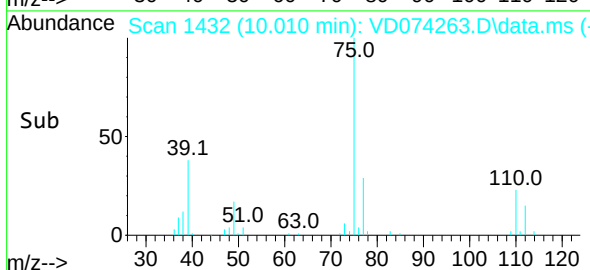
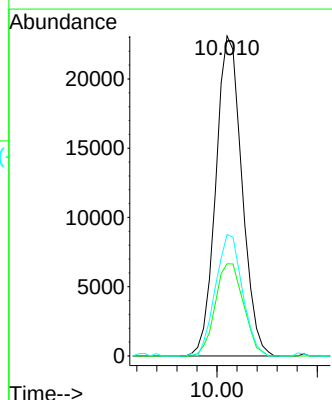
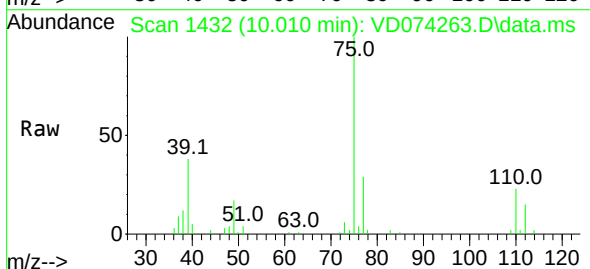
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0913SBS01

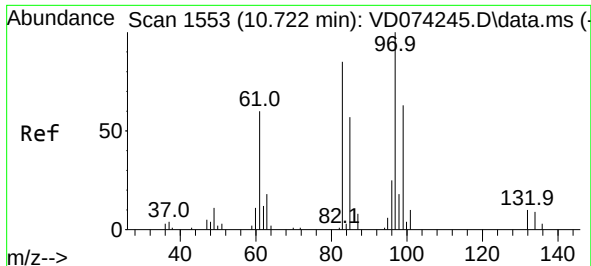
Tgt Ion: 75 Resp: 32840  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.285 ug/l  
 RT: 10.010 min Scan# 1432  
 Delta R.T. -0.000 min  
 Lab File: VD074263.D  
 Acq: 13 Sep 2022 13:51

Tgt Ion: 75 Resp: 41757  
 Ion Ratio Lower Upper  
 75 100  
 77 28.8 25.4 38.0  
 39 37.9 31.6 47.4

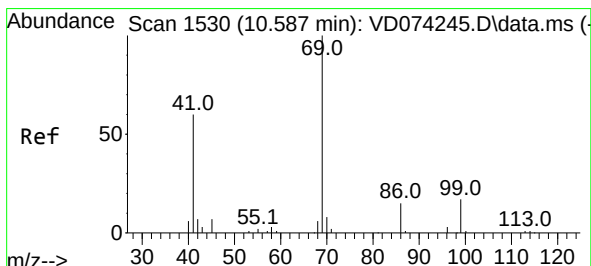
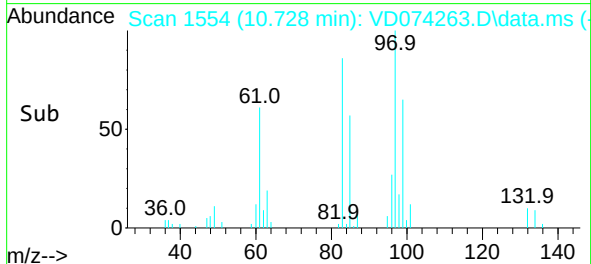
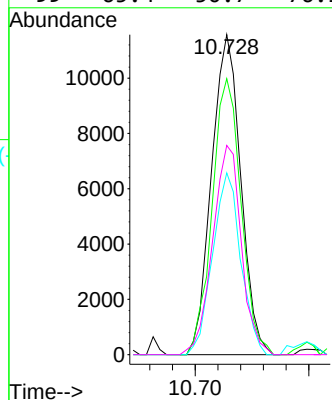
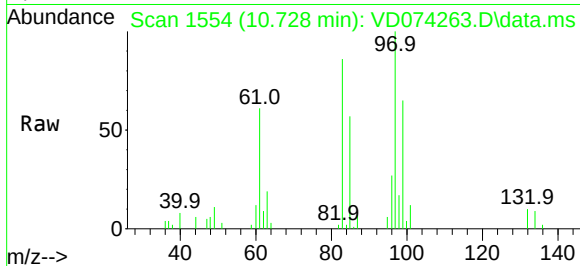




#55  
1,1,2-Trichloroethane  
Concen: 22.259 ug/l  
RT: 10.728 min Scan# 1553  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

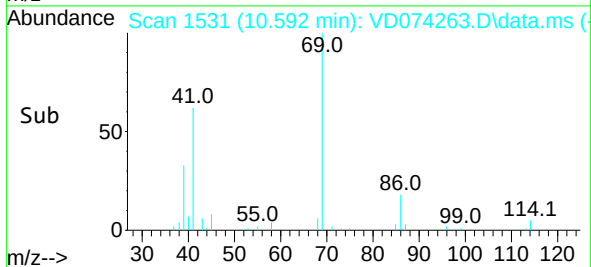
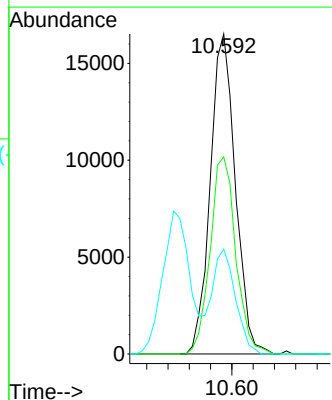
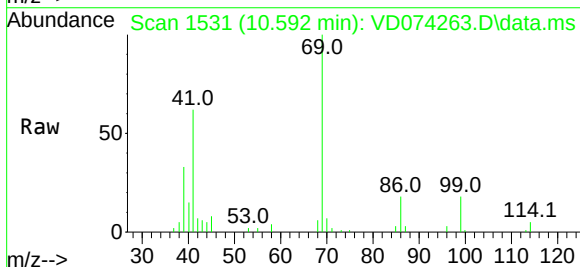
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 20659 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.3     | 68.0 102.0  |
| 85 56.8     | 45.8 68.8   |
| 99 65.4     | 50.7 76.1   |

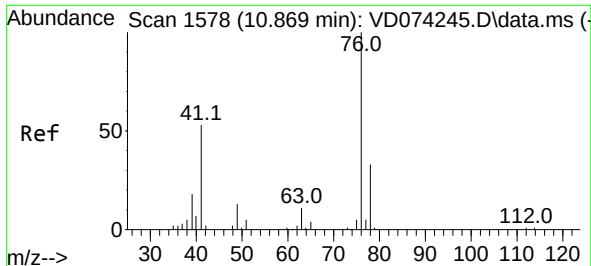


#56  
Ethyl methacrylate  
Concen: 21.929 ug/l  
RT: 10.592 min Scan# 1531  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 27042 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 62.9     | 49.4 74.2   |
| 39 32.0     | 24.2 36.4   |







#57

1,3-Dichloropropane

Concen: 22.596 ug/l

RT: 10.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Instrument :

MSVOA\_D

ClientSampleId :

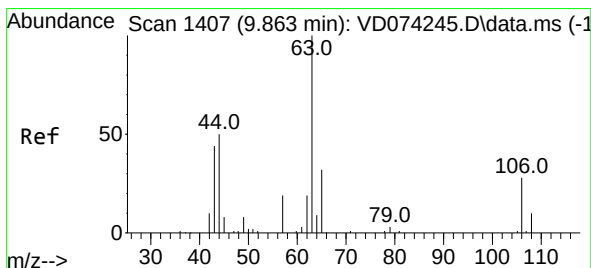
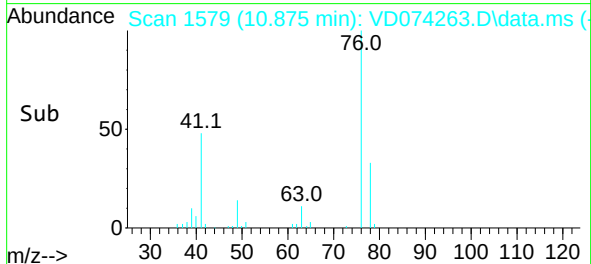
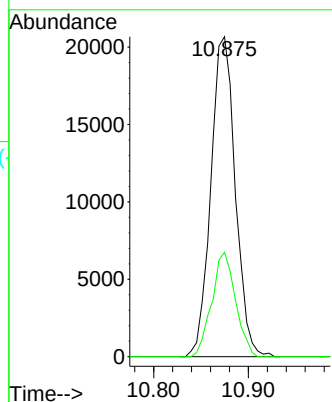
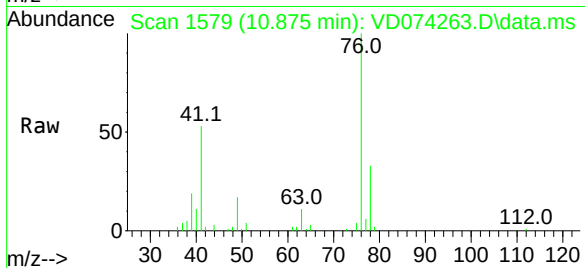
VD0913SBS01

Tgt Ion: 76 Resp: 37012

Ion Ratio Lower Upper

76 100

78 31.7 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 111.108 ug/l

RT: 9.863 min Scan# 1407

Delta R.T. 0.000 min

Lab File: VD074263.D

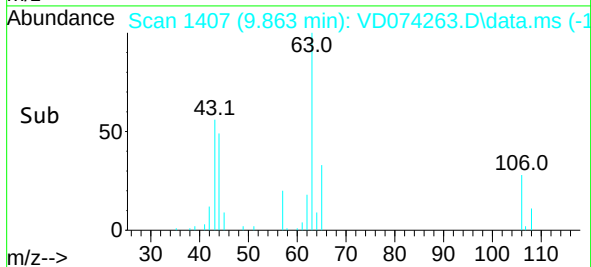
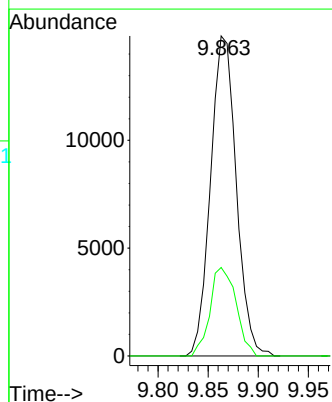
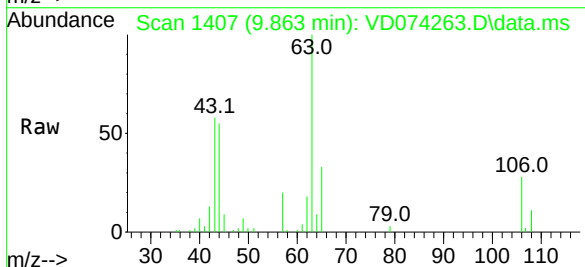
Acq: 13 Sep 2022 13:51

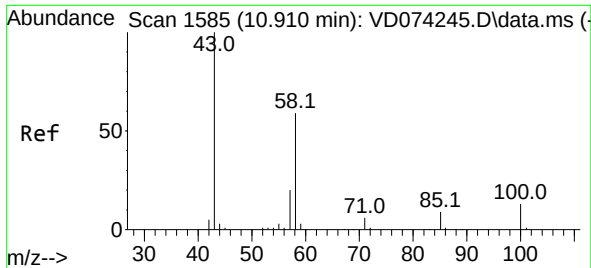
Tgt Ion: 63 Resp: 26492

Ion Ratio Lower Upper

63 100

106 27.9 21.9 32.9

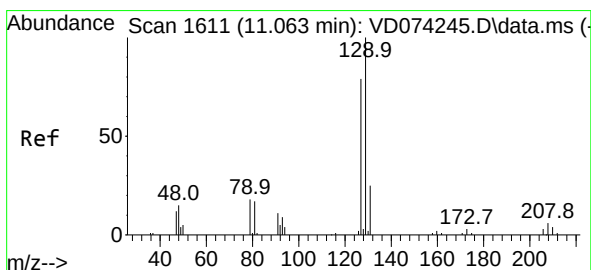
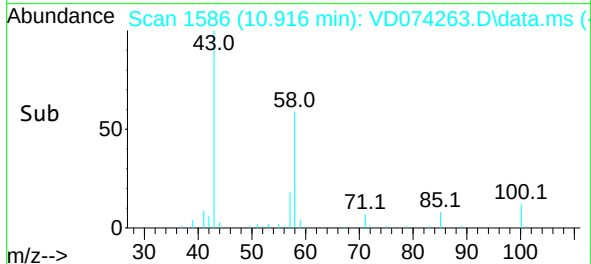
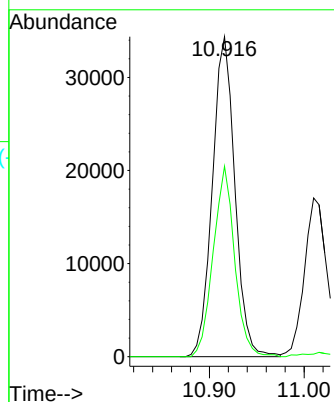
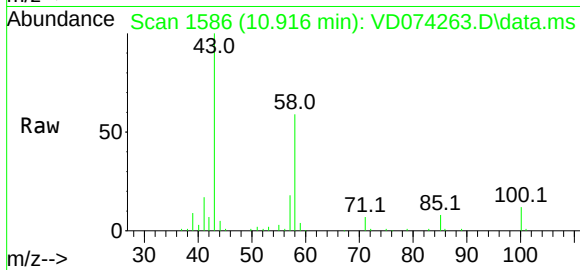




#59  
2-Hexanone  
Concen: 109.787 ug/l  
RT: 10.916 min Scan# 1586  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

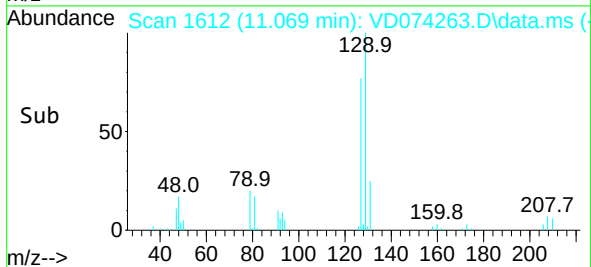
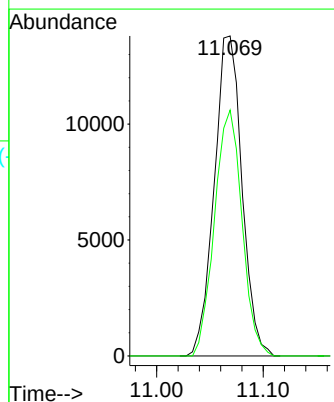
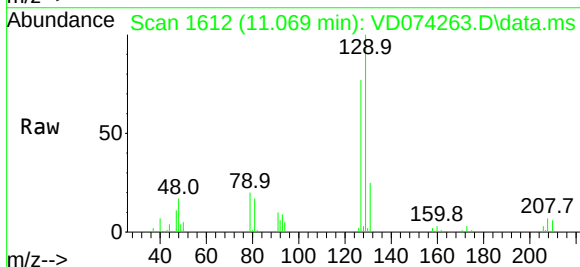
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

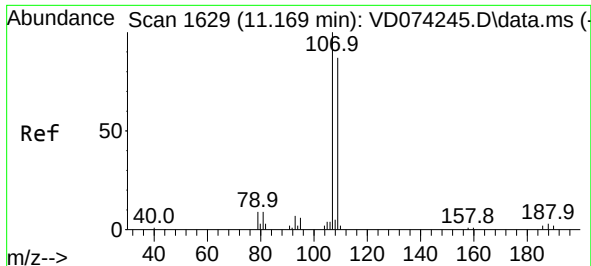
Tgt Ion: 43 Resp: 56746  
Ion Ratio Lower Upper  
43 100  
58 56.6 28.6 85.8



#60  
Dibromochloromethane  
Concen: 22.078 ug/l  
RT: 11.069 min Scan# 1612  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 129 Resp: 24953  
Ion Ratio Lower Upper  
129 100  
127 76.1 39.0 116.9

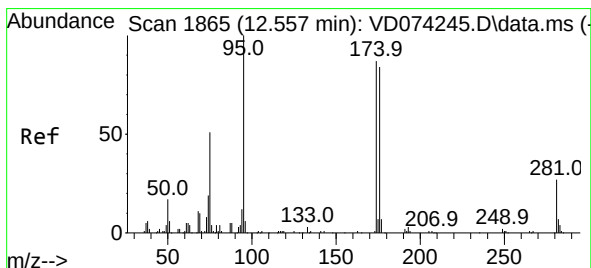
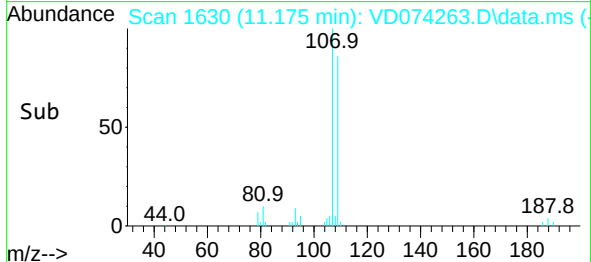
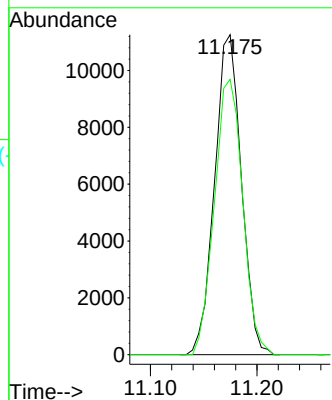
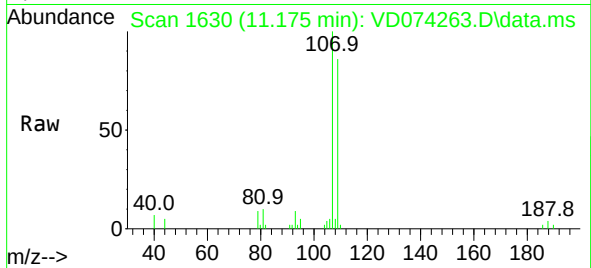




#61  
1,2-Dibromoethane  
Concen: 22.236 ug/l  
RT: 11.175 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

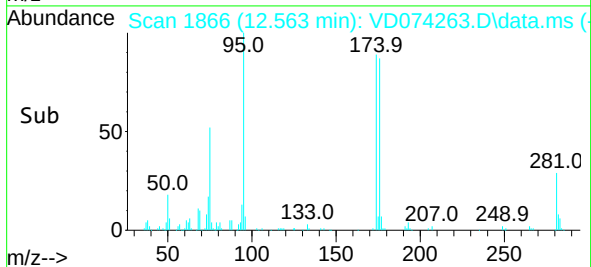
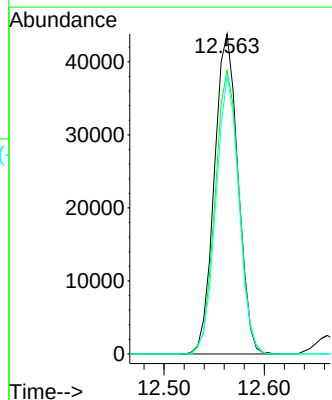
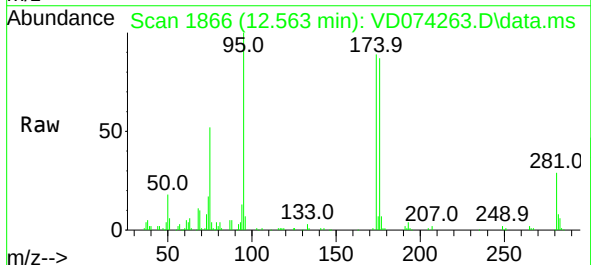
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

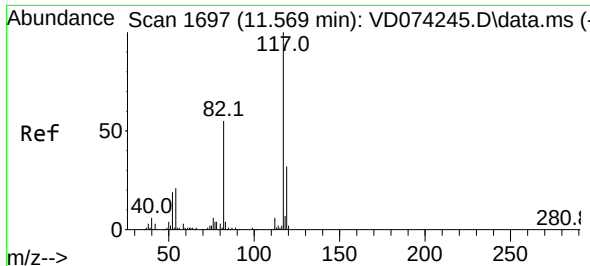
Tgt Ion:107 Resp: 19643  
Ion Ratio Lower Upper  
107 100  
109 91.1 73.7 110.5



#62  
4-Bromofluorobenzene  
Concen: 50.624 ug/l  
RT: 12.563 min Scan# 1866  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 95 Resp: 71868  
Ion Ratio Lower Upper  
95 100  
174 89.5 0.0 179.2  
176 84.2 0.0 171.4

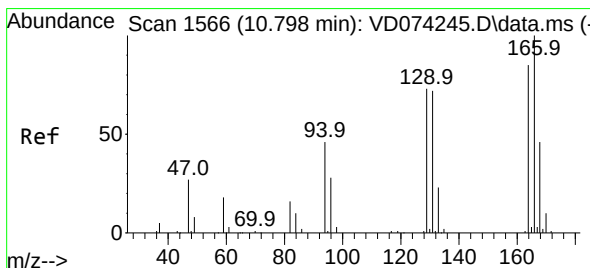
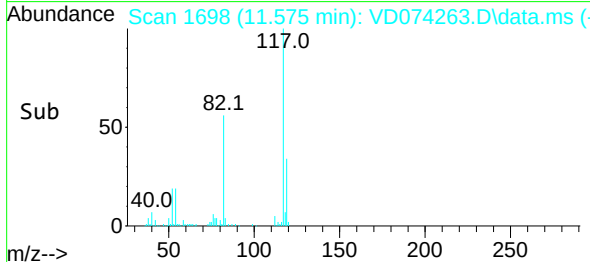
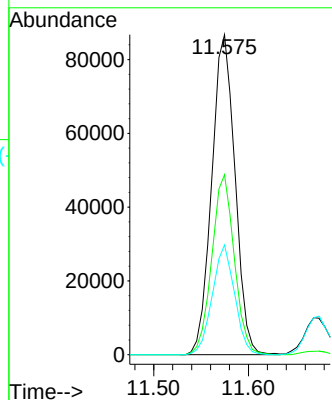
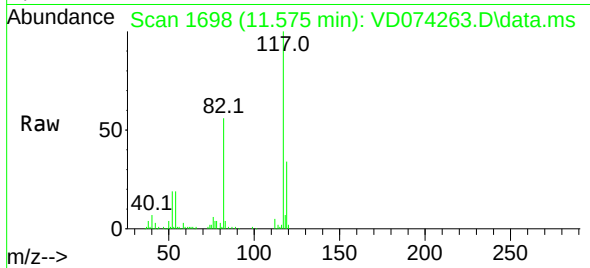




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.575 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

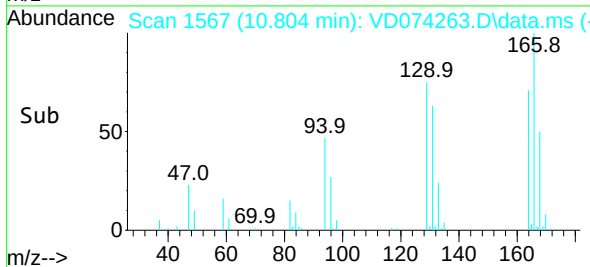
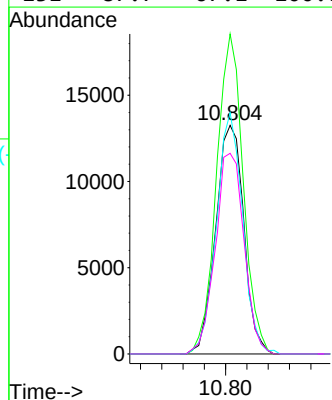
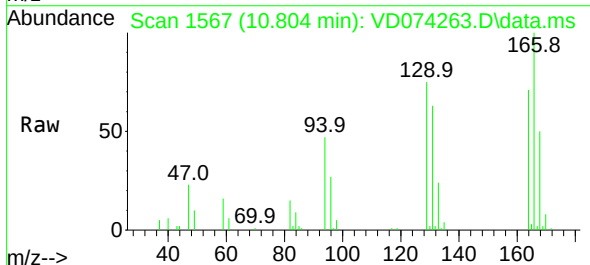
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

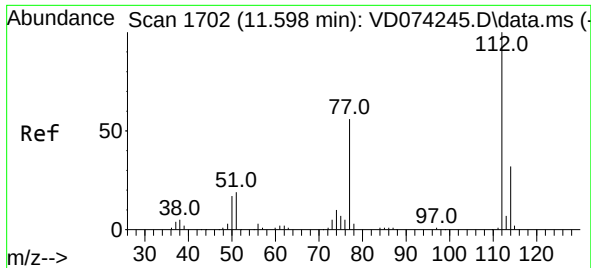
Tgt Ion:117 Resp: 148581  
Ion Ratio Lower Upper  
117 100  
82 56.3 44.2 66.2  
119 34.3 25.4 38.0



#64  
Tetrachloroethene  
Concen: 21.335 ug/l  
RT: 10.804 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion:164 Resp: 24237  
Ion Ratio Lower Upper  
164 100  
166 139.9 93.8 140.8  
129 105.5 68.3 102.5#  
131 87.7 67.1 100.7

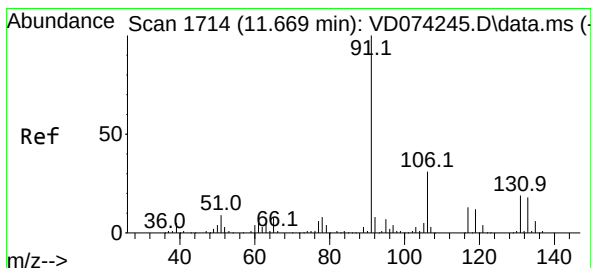
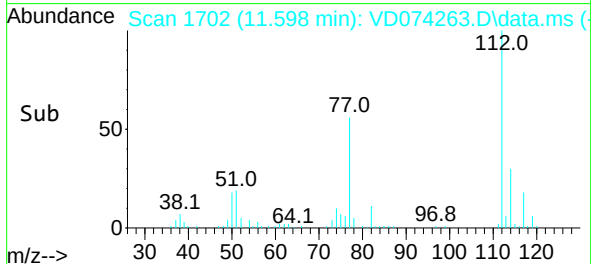
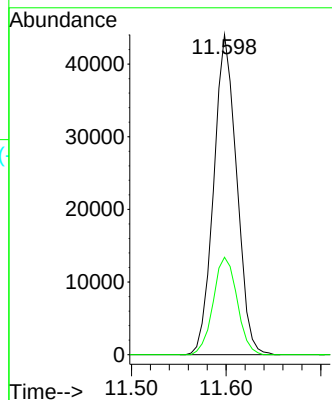
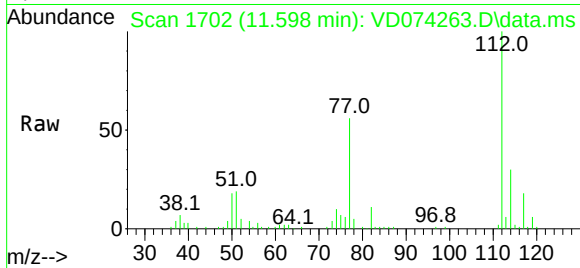




#65  
Chlorobenzene  
Concen: 22.176 ug/l  
RT: 11.598 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

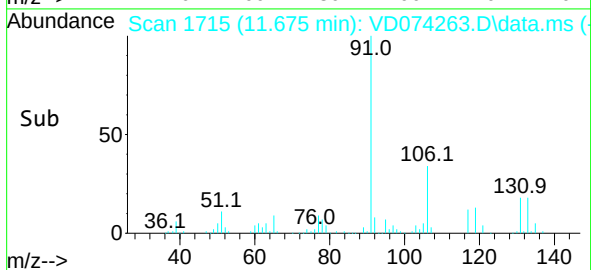
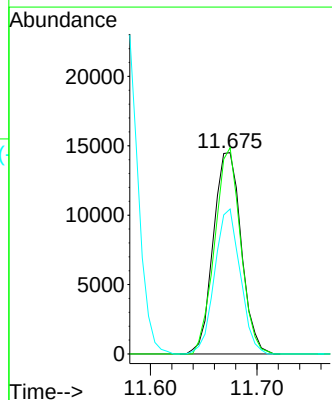
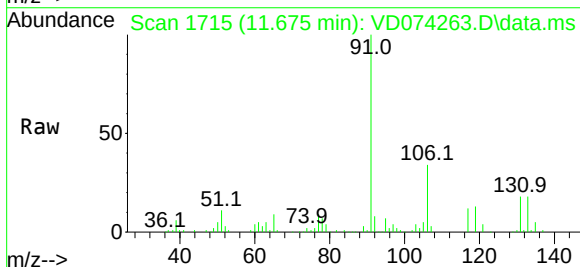
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

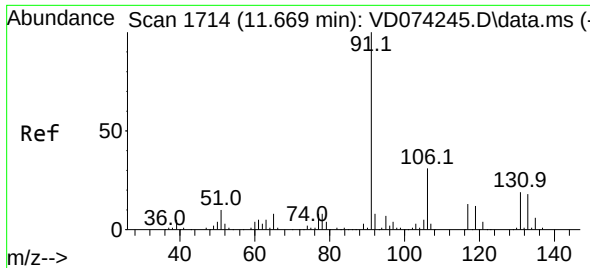
Tgt Ion:112 Resp: 74073  
Ion Ratio Lower Upper  
112 100  
114 30.5 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.049 ug/l  
RT: 11.675 min Scan# 1715  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion:131 Resp: 26377  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.8 143.4  
119 66.1 33.1 99.5

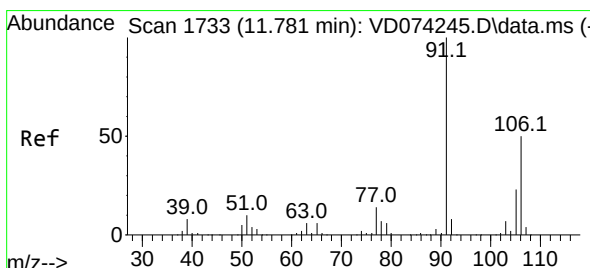
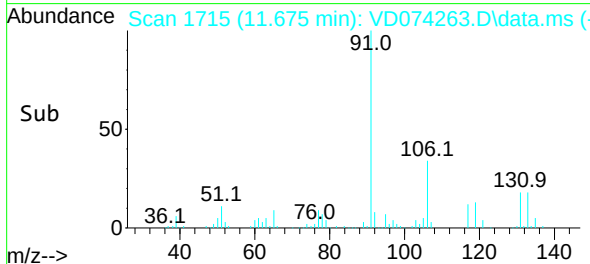
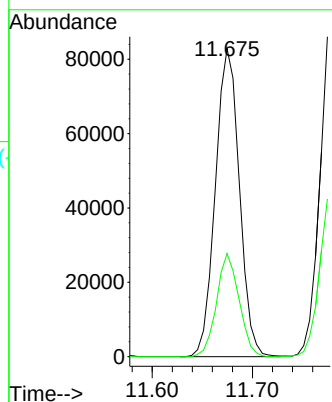
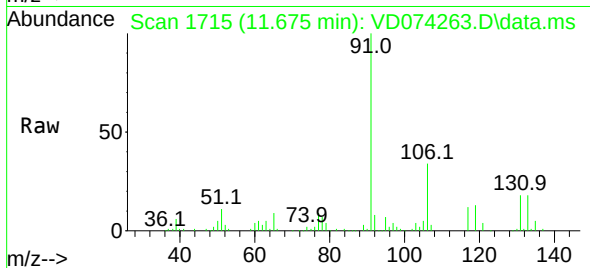




#67  
Ethyl Benzene  
Concen: 22.037 ug/l  
RT: 11.675 min Scan# 1715  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

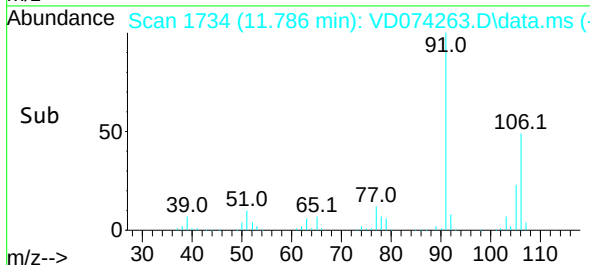
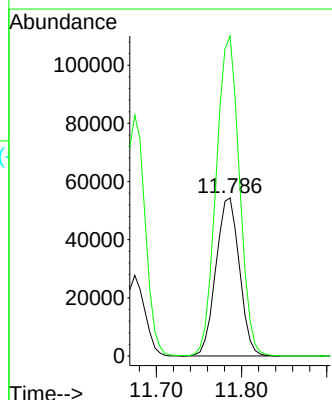
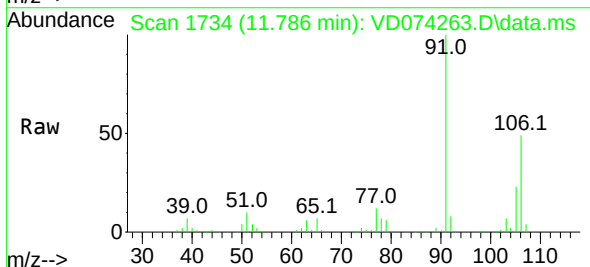
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

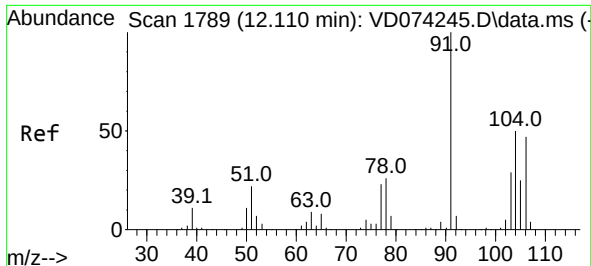
Tgt Ion: 91 Resp: 137497  
Ion Ratio Lower Upper  
91 100  
106 33.5 24.8 37.2



#68  
m/p-Xylenes  
Concen: 43.934 ug/l  
RT: 11.786 min Scan# 1734  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion:106 Resp: 104038  
Ion Ratio Lower Upper  
106 100  
91 201.0 158.6 237.8

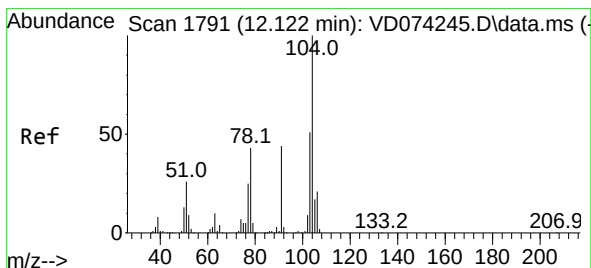
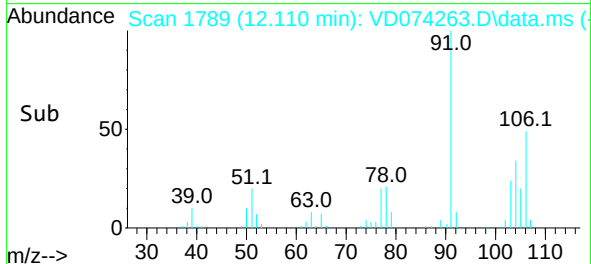
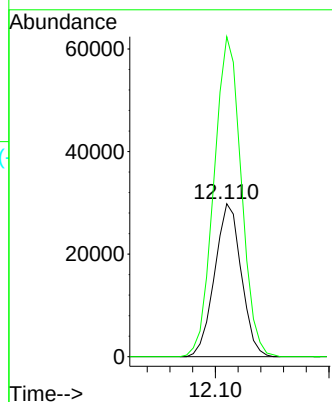
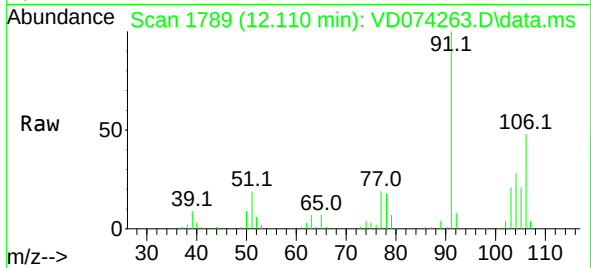




#69  
o-Xylene  
Concen: 21.688 ug/l  
RT: 12.110 min Scan# 1789  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

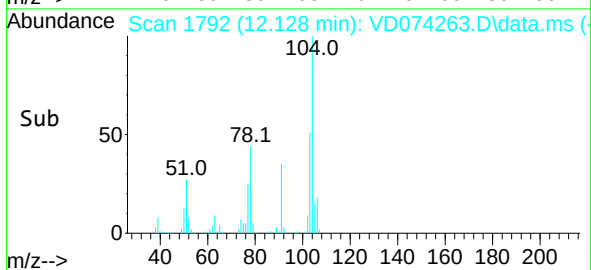
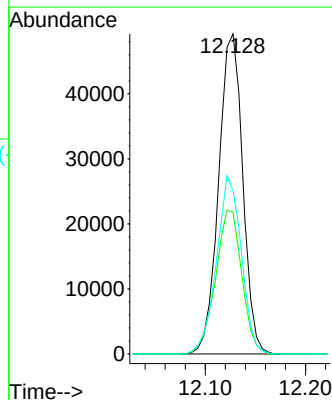
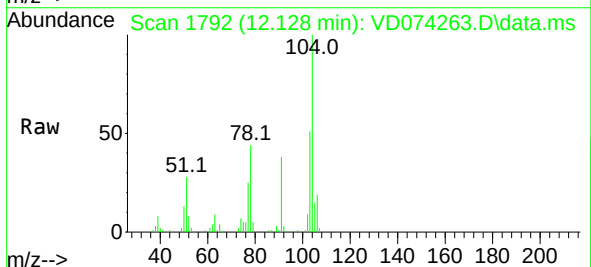
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

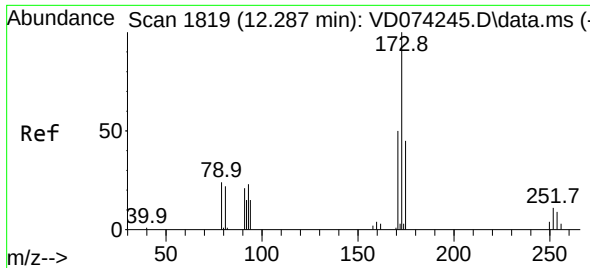
Tgt Ion:106 Resp: 48538  
Ion Ratio Lower Upper  
106 100  
91 214.4 104.0 312.0



#70  
Styrene  
Concen: 21.934 ug/l  
RT: 12.128 min Scan# 1792  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion:104 Resp: 81871  
Ion Ratio Lower Upper  
104 100  
78 49.1 38.4 57.6  
103 57.4 44.1 66.1

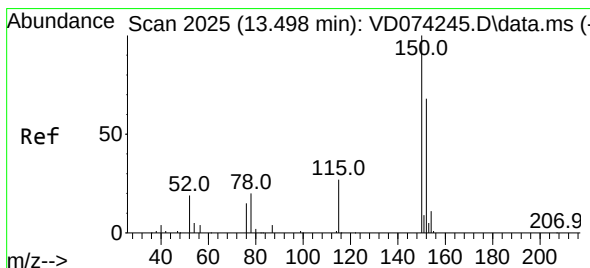
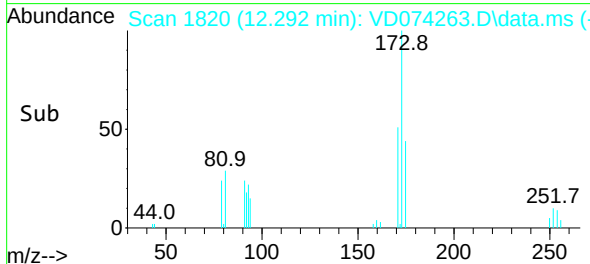
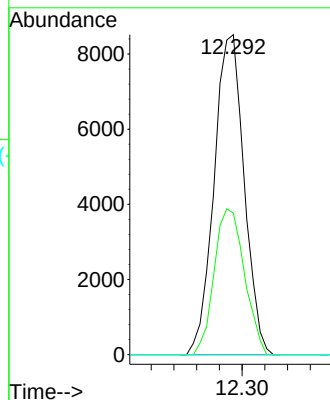
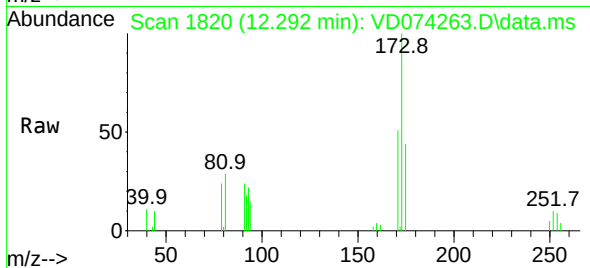




#71  
Bromoform  
Concen: 23.444 ug/l  
RT: 12.292 min Scan# 1819  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

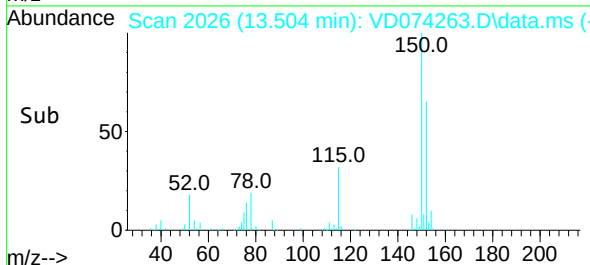
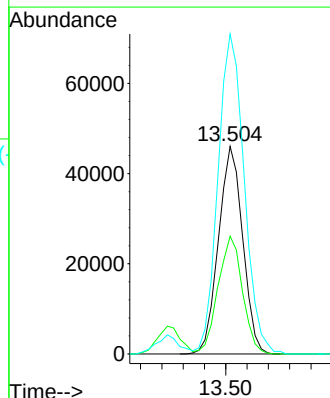
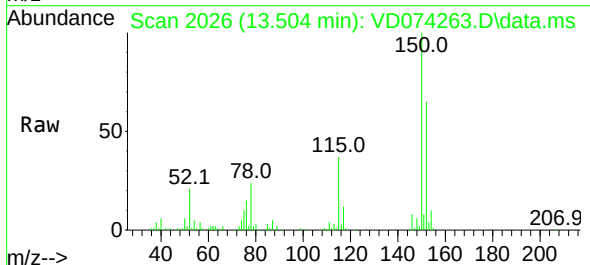
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

Tgt Ion:173 Resp: 15614  
Ion Ratio Lower Upper  
173 100  
175 45.9 24.2 72.6  
254 0.0 0.0 0.0

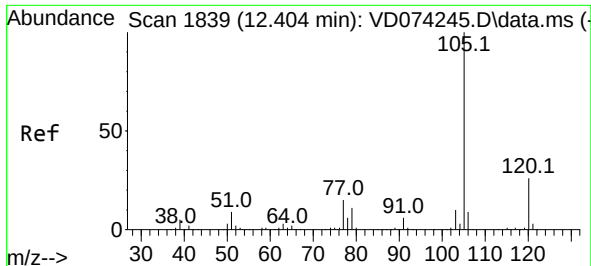


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.504 min Scan# 2026  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion:152 Resp: 72546  
Ion Ratio Lower Upper  
152 100  
115 57.3 28.4 85.2  
150 167.3 0.0 351.0



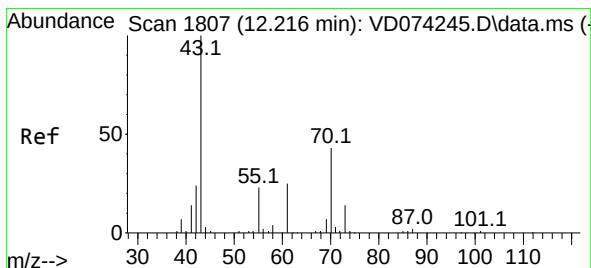
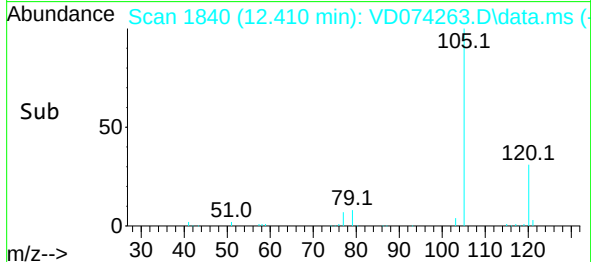
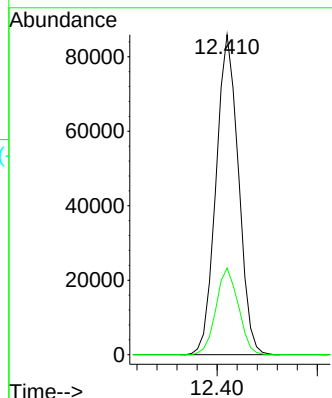
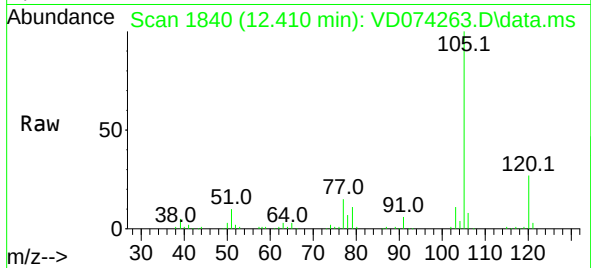




#73  
Isopropylbenzene  
Concen: 21.764 ug/l  
RT: 12.410 min Scan# 1839  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

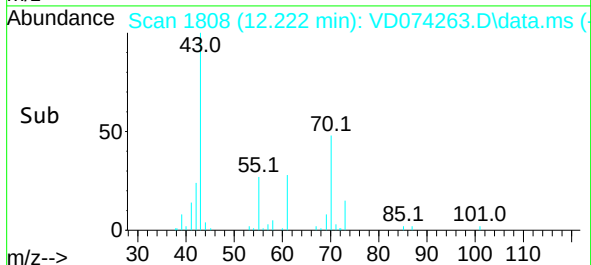
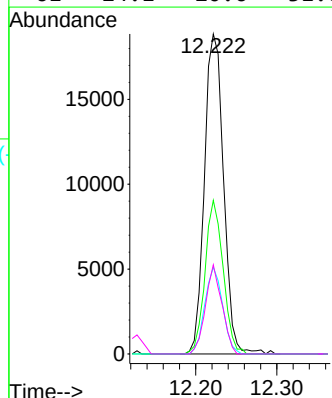
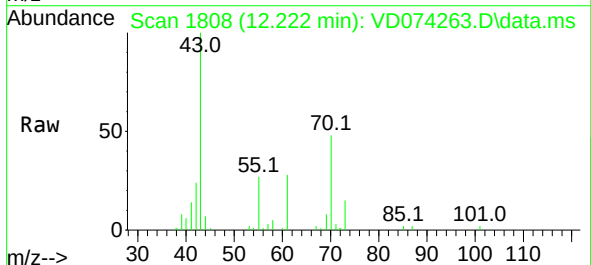
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

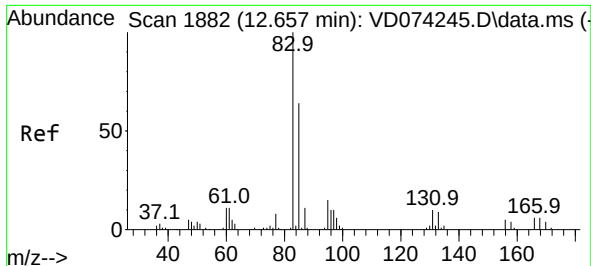
Tgt Ion:105 Resp: 133584  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.2 39.6



#74  
N-ethyl acetate  
Concen: 21.325 ug/l  
RT: 12.222 min Scan# 1808  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 43 Resp: 30824  
Ion Ratio Lower Upper  
43 100  
70 45.5 34.6 51.8  
55 25.3 18.2 27.2  
61 24.1 20.6 31.0

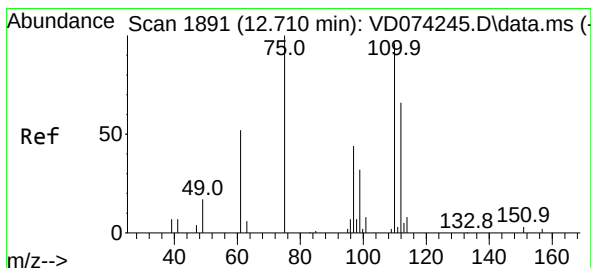
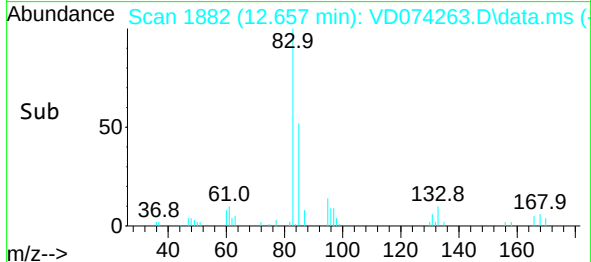
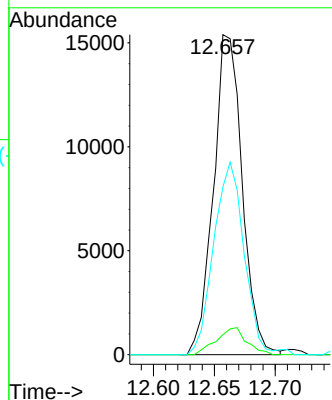
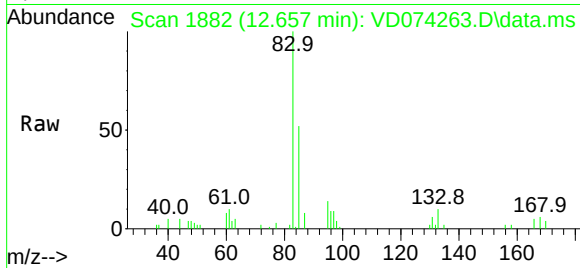




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 22.609 ug/l  
 RT: 12.657 min Scan# 1882  
 Delta R.T. -0.000 min  
 Lab File: VD074263.D  
 Acq: 13 Sep 2022 13:51

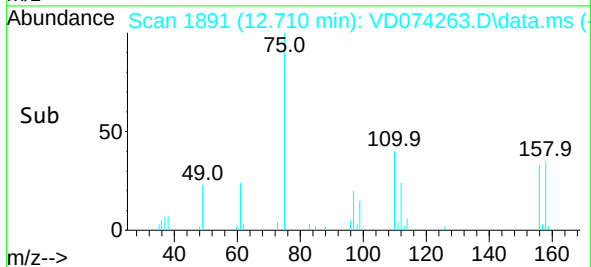
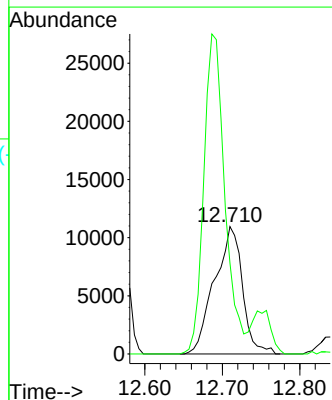
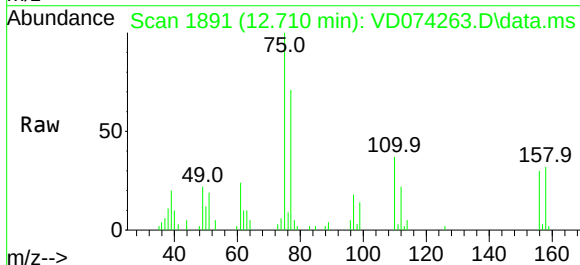
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0913SBS01

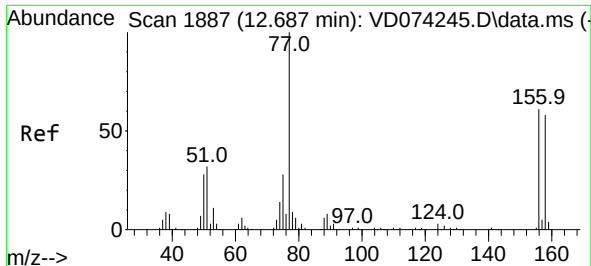
Tgt Ion: 83 Resp: 25268  
 Ion Ratio Lower Upper  
 83 100  
 131 8.9 4.9 14.7  
 85 63.7 32.3 96.9



#76  
 1,2,3-Trichloropropane  
 Concen: 36.968 ug/l  
 RT: 12.710 min Scan# 1891  
 Delta R.T. -0.000 min  
 Lab File: VD074263.D  
 Acq: 13 Sep 2022 13:51

Tgt Ion: 75 Resp: 27493  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

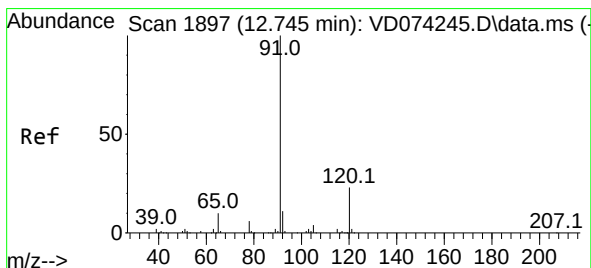
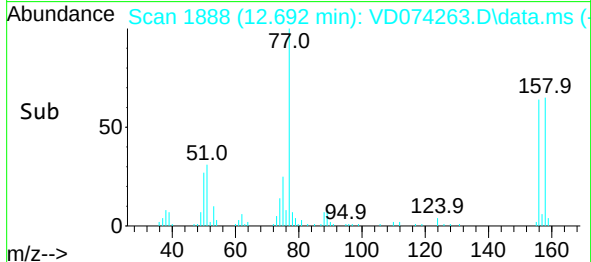
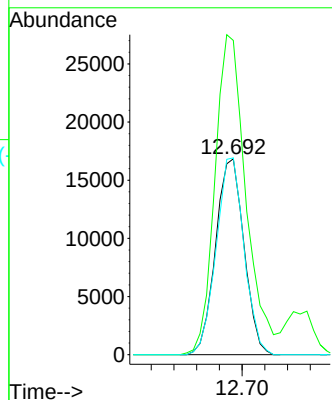
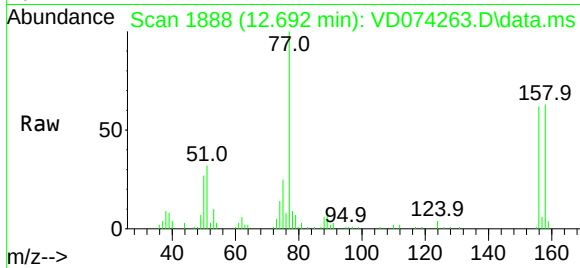




#77  
Bromobenzene  
Concen: 21.684 ug/l  
RT: 12.692 min Scan# 1888  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

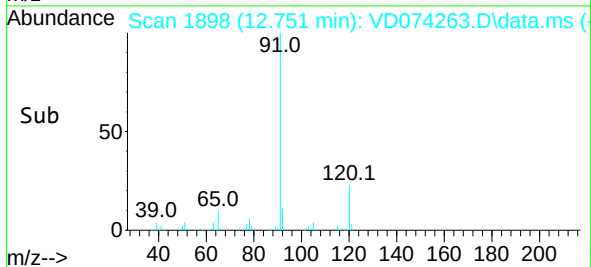
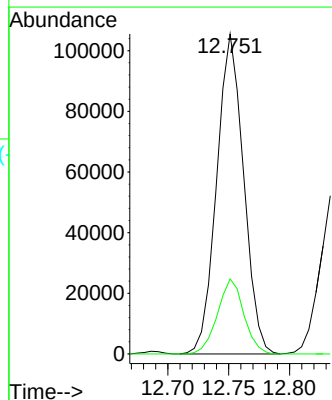
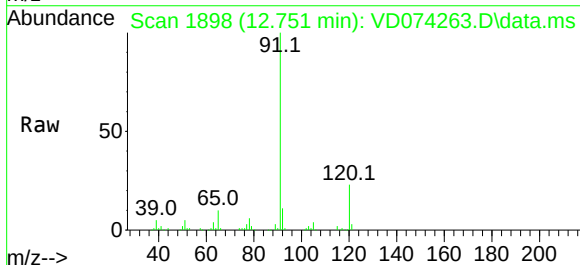
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

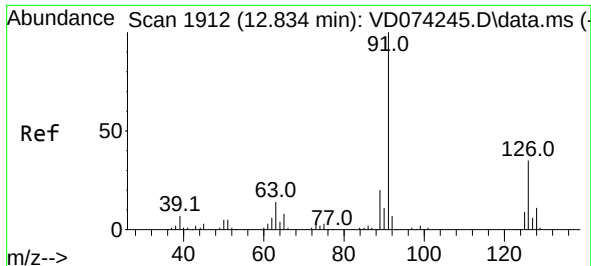
Tgt Ion:156 Resp: 29207  
Ion Ratio Lower Upper  
156 100  
77 177.5 91.1 273.3  
158 98.8 49.4 148.2



#78  
n-propylbenzene  
Concen: 21.550 ug/l  
RT: 12.751 min Scan# 1898  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 91 Resp: 162200  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.6 34.7

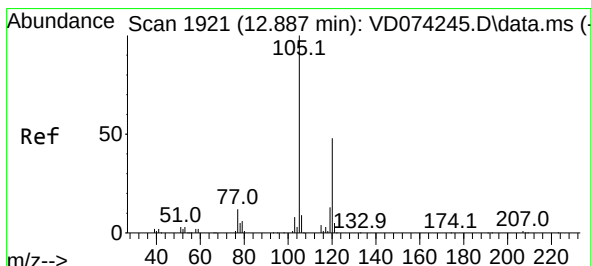
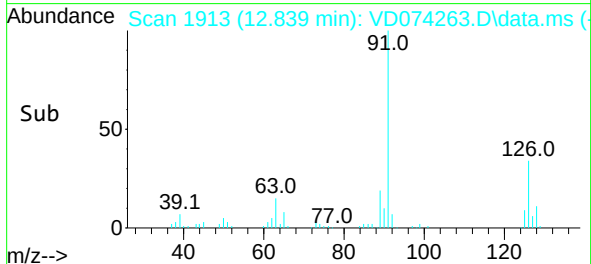
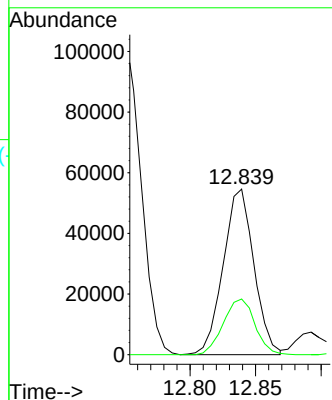
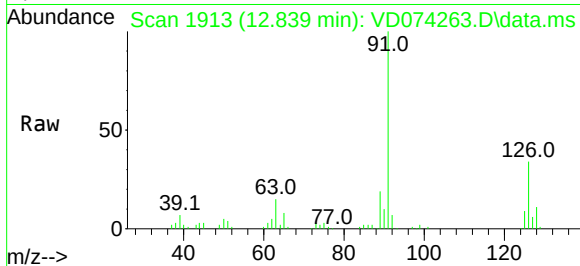




#79  
2-Chlorotoluene  
Concen: 21.881 ug/l  
RT: 12.839 min Scan# 1912  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

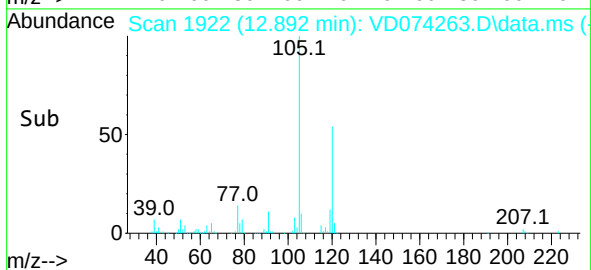
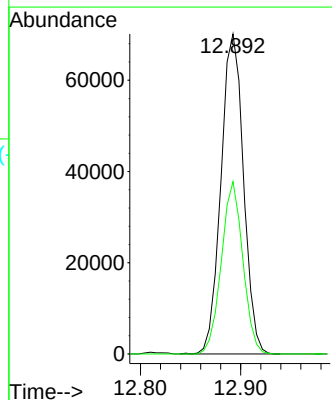
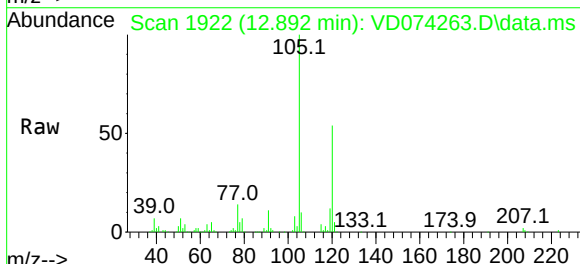
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

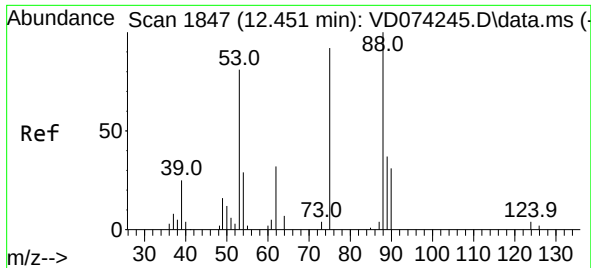
Tgt Ion: 91 Resp: 89087  
Ion Ratio Lower Upper  
91 100  
126 34.5 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 21.463 ug/l  
RT: 12.892 min Scan# 1922  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 105 Resp: 109148  
Ion Ratio Lower Upper  
105 100  
120 51.3 24.6 74.0

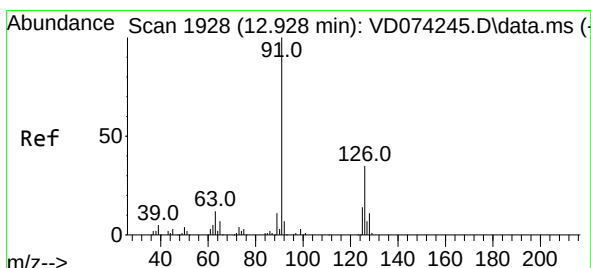
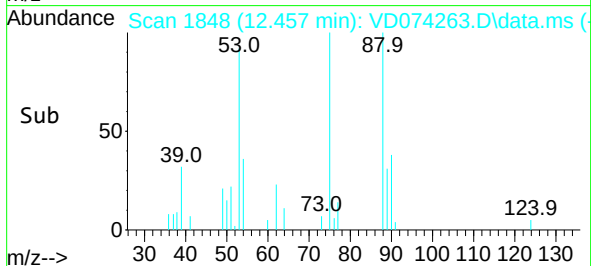
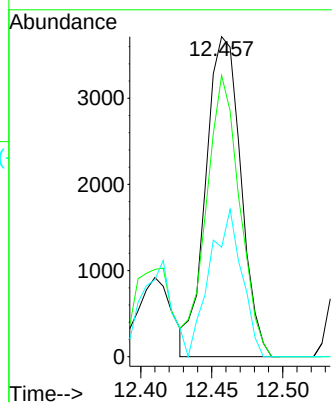
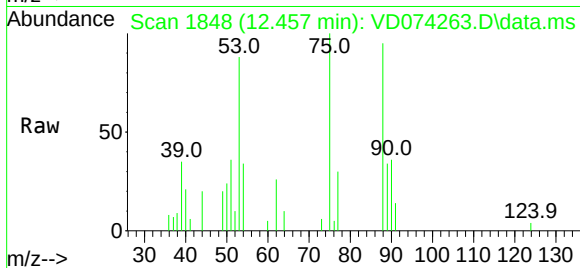




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.115 ug/l  
RT: 12.457 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

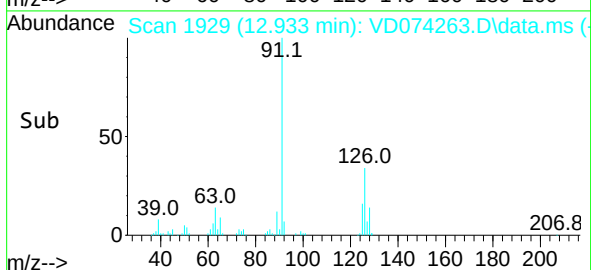
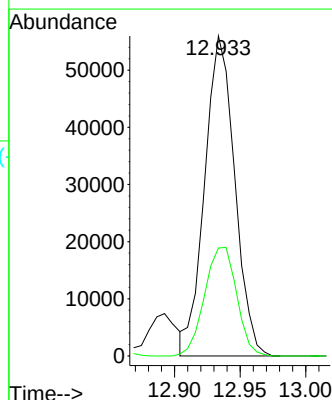
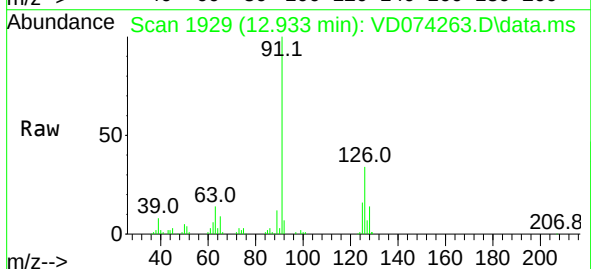
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

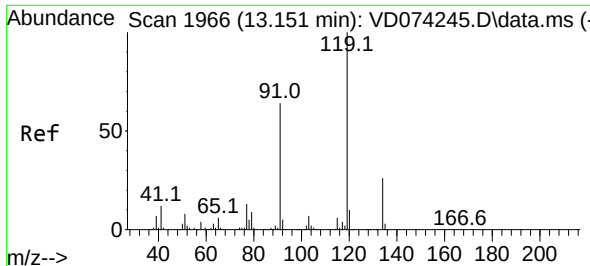
Tgt Ion: 75 Resp: 6369  
Ion Ratio Lower Upper  
75 100  
53 84.0 0.0 0.0#  
89 41.9 0.0 0.0#



#82  
4-Chlorotoluene  
Concen: 21.525 ug/l  
RT: 12.933 min Scan# 1929  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 91 Resp: 89224  
Ion Ratio Lower Upper  
91 100  
126 36.2 17.2 51.6

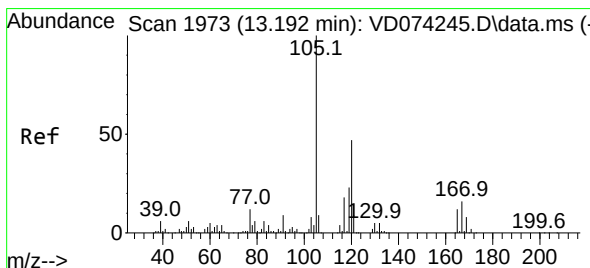
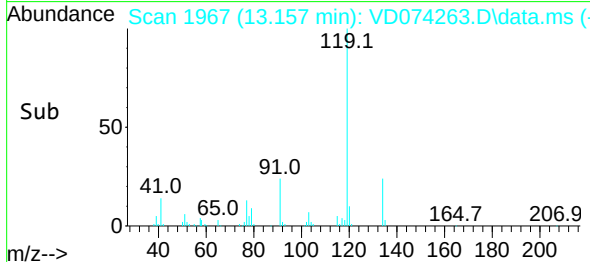
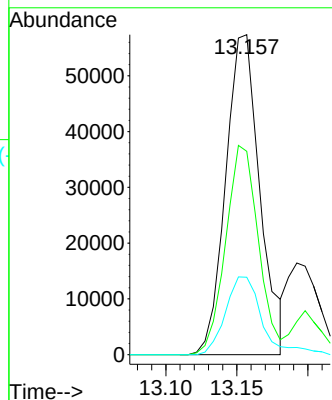
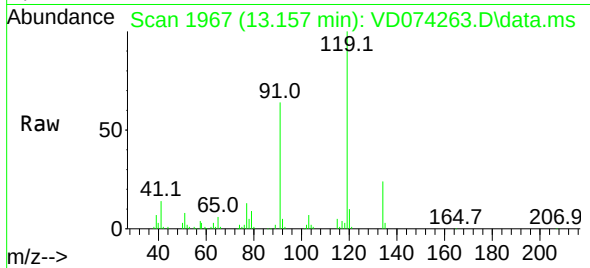




#83  
tert-Butylbenzene  
Concen: 21.636 ug/l  
RT: 13.157 min Scan# 1966  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

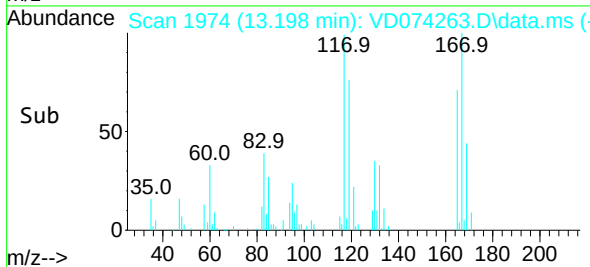
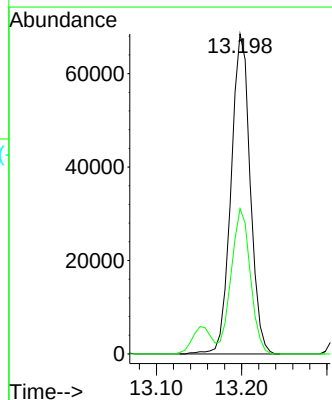
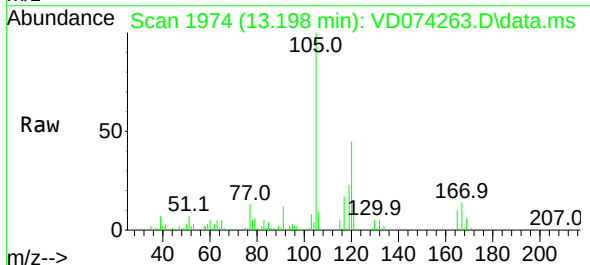
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

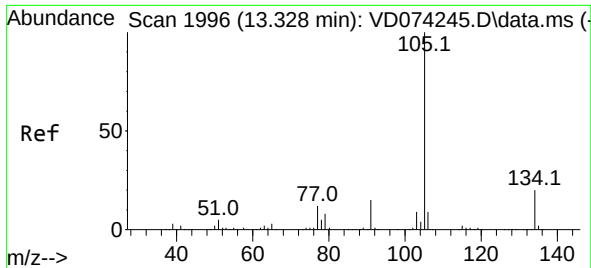
Tgt Ion:119 Resp: 96303  
Ion Ratio Lower Upper  
119 100  
91 62.5 31.3 93.9  
134 26.0 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 21.651 ug/l  
RT: 13.198 min Scan# 1974  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion:105 Resp: 106887  
Ion Ratio Lower Upper  
105 100  
120 45.6 23.1 69.3

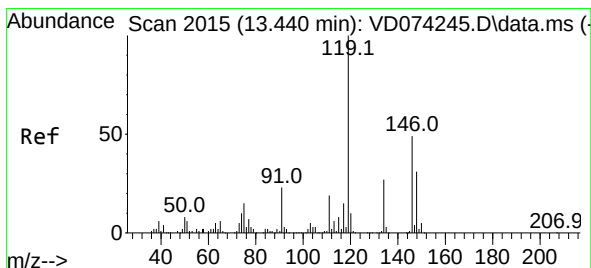
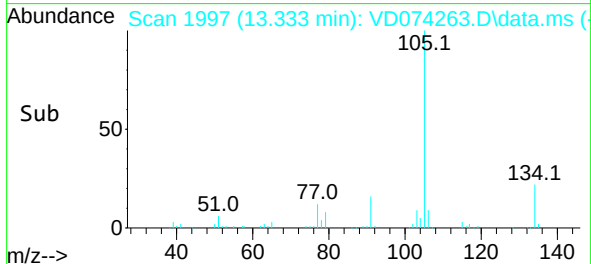
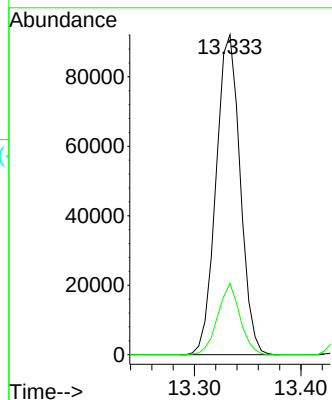
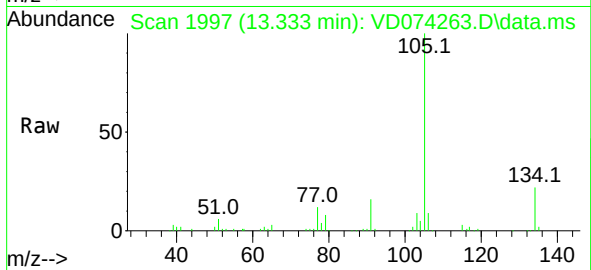




#85  
 sec-Butylbenzene  
 Concen: 21.478 ug/l  
 RT: 13.333 min Scan# 1997  
 Delta R.T. 0.006 min  
 Lab File: VD074263.D  
 Acq: 13 Sep 2022 13:51

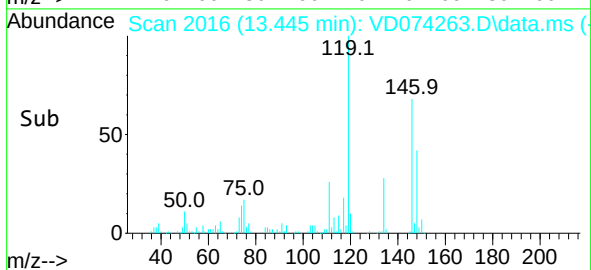
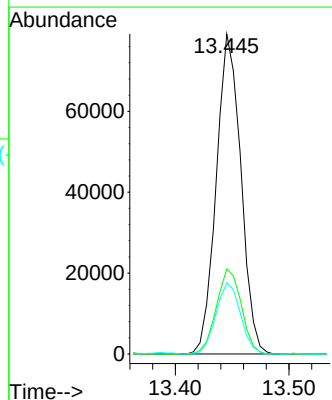
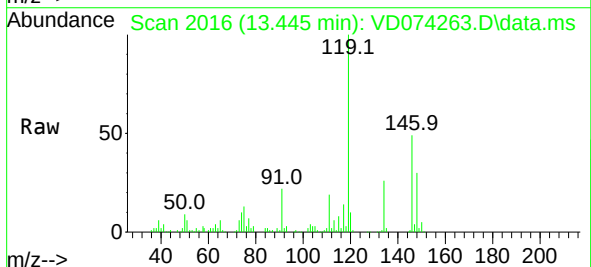
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0913SBS01

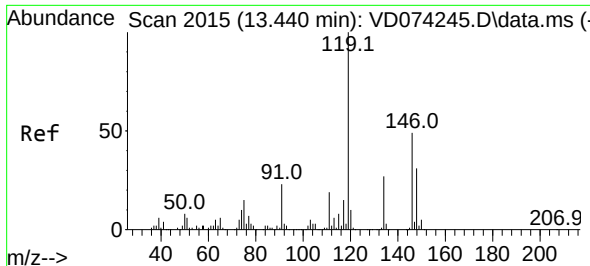
Tgt Ion:105 Resp: 144817  
 Ion Ratio Lower Upper  
 105 100  
 134 20.6 10.0 29.8



#86  
 p-Isopropyltoluene  
 Concen: 21.594 ug/l  
 RT: 13.445 min Scan# 2016  
 Delta R.T. 0.006 min  
 Lab File: VD074263.D  
 Acq: 13 Sep 2022 13:51

Tgt Ion:119 Resp: 118922  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.1 39.3  
 91 22.3 11.2 33.5

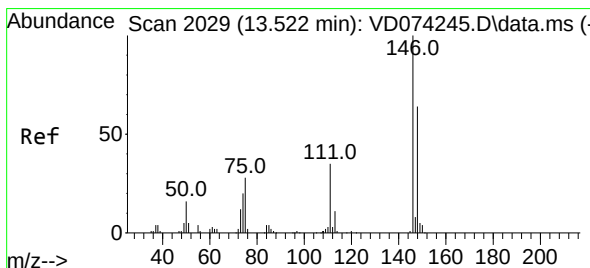
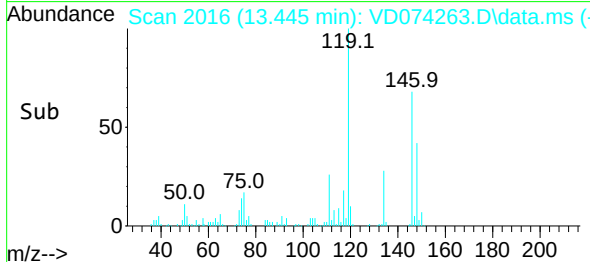
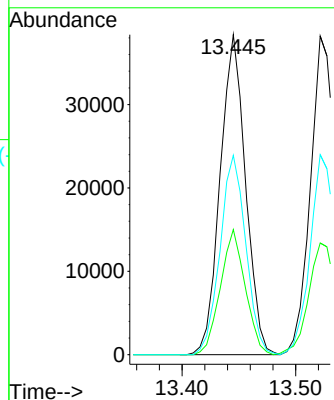
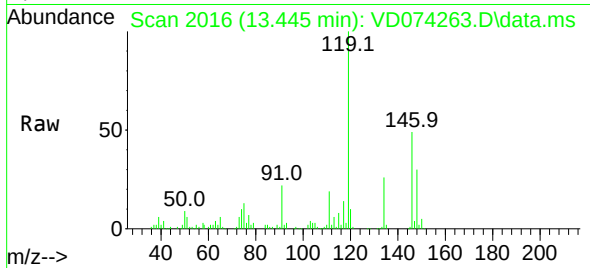




#87  
1,3-Dichlorobenzene  
Concen: 21.724 ug/l  
RT: 13.445 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

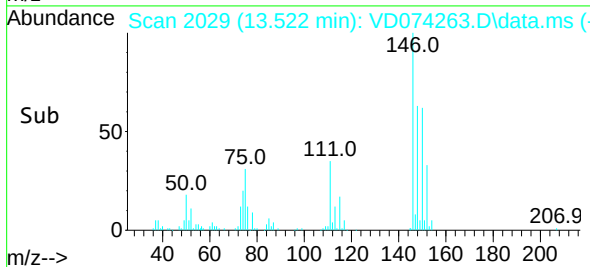
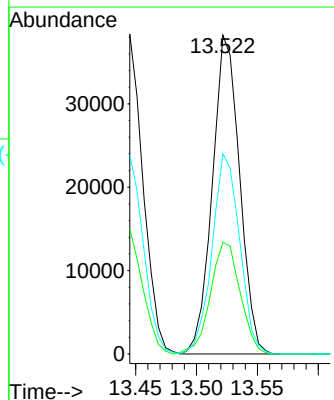
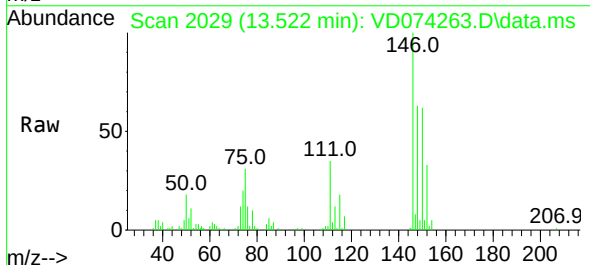
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

Tgt Ion:146 Resp: 59676  
Ion Ratio Lower Upper  
146 100  
111 38.2 18.1 54.4  
148 63.1 31.7 95.1

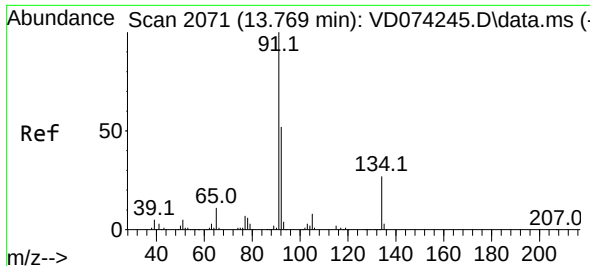


#88  
1,4-Dichlorobenzene  
Concen: 22.049 ug/l  
RT: 13.522 min Scan# 2029  
Delta R.T. -0.000 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion:146 Resp: 59564  
Ion Ratio Lower Upper  
146 100  
111 38.2 18.4 55.2  
148 63.5 32.1 96.5



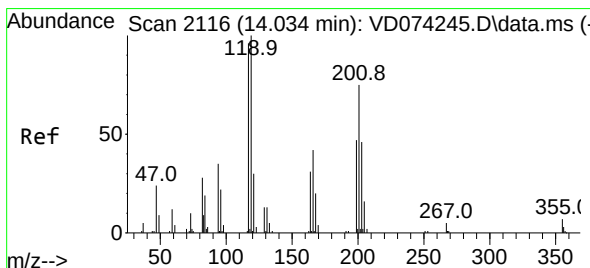
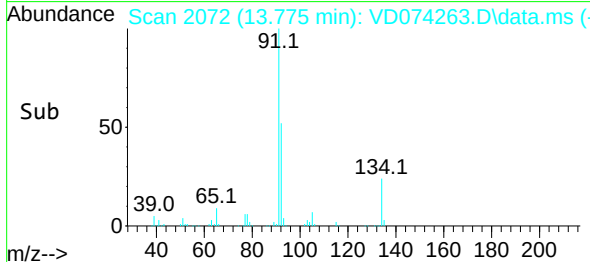
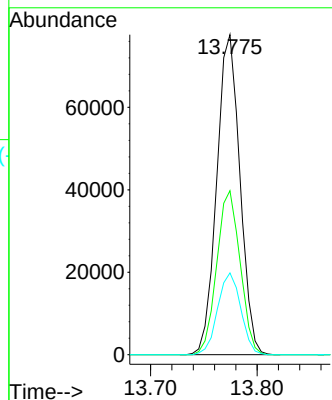
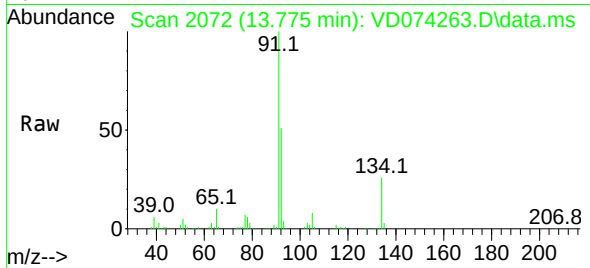




#89  
n-Butylbenzene  
Concen: 21.821 ug/l  
RT: 13.775 min Scan# 2071  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

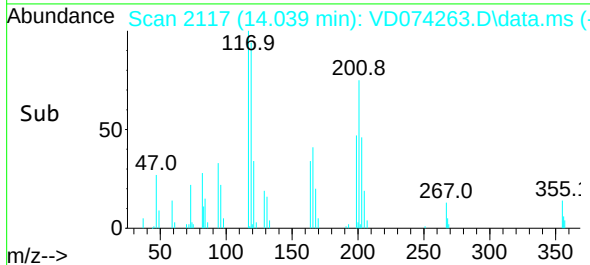
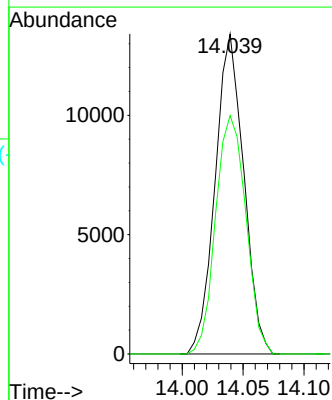
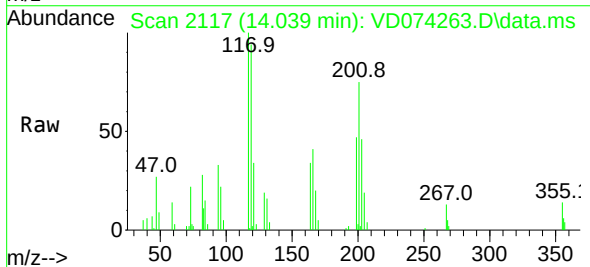
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

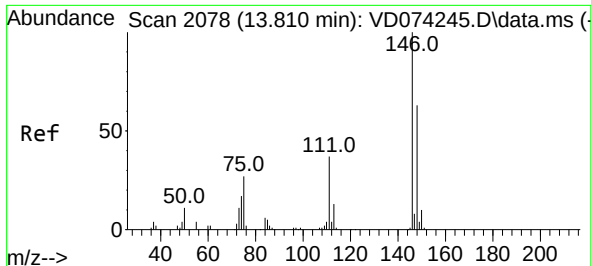
Tgt Ion: 91 Resp: 117428  
Ion Ratio Lower Upper  
91 100  
92 51.5 26.6 79.7  
134 25.5 13.1 39.1



#90  
Hexachloroethane  
Concen: 21.702 ug/l  
RT: 14.039 min Scan# 2117  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion: 117 Resp: 21864  
Ion Ratio Lower Upper  
117 100  
201 78.8 38.0 113.9





#91

1,2-Dichlorobenzene

Concen: 21.109 ug/l

RT: 13.816 min Scan# 2078

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0913SBS01

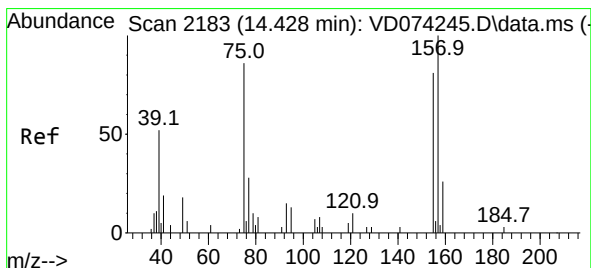
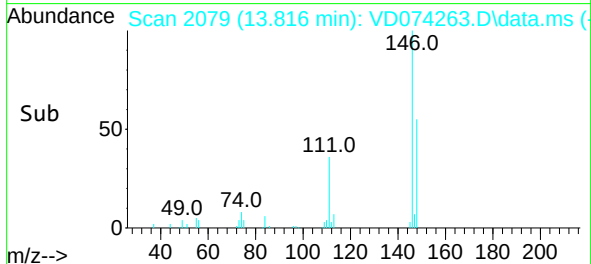
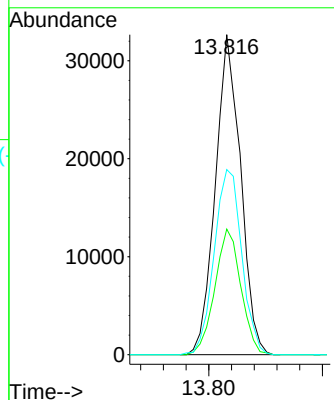
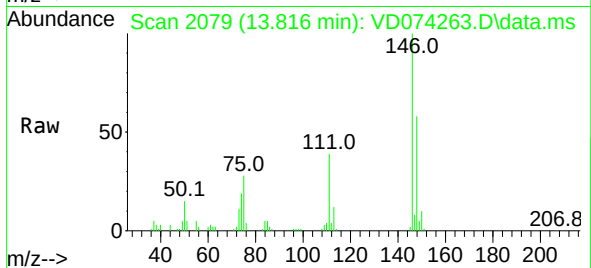
Tgt Ion:146 Resp: 50431

Ion Ratio Lower Upper

146 100

111 40.4 19.4 58.4

148 63.2 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.299 ug/l

RT: 14.433 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VD074263.D

Acq: 13 Sep 2022 13:51

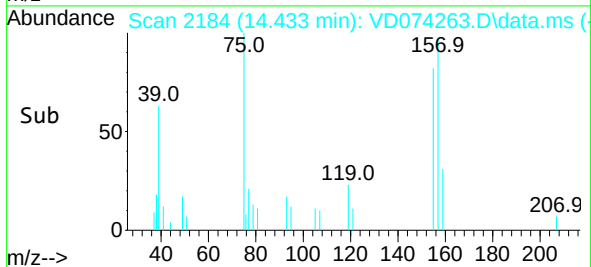
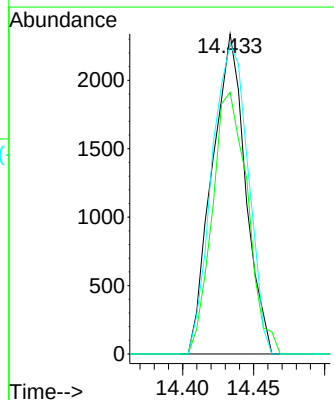
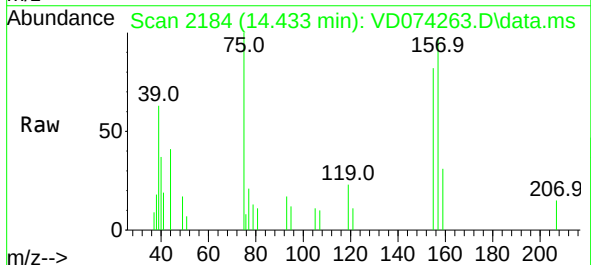
Tgt Ion: 75 Resp: 3816

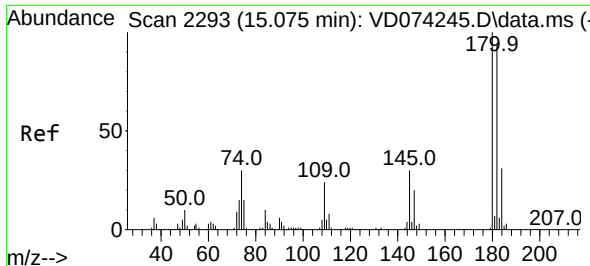
Ion Ratio Lower Upper

75 100

155 86.6 49.2 147.6

157 105.2 62.1 186.2

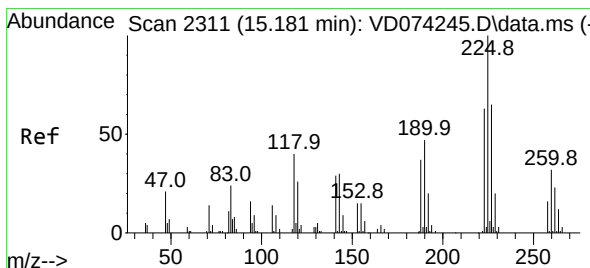
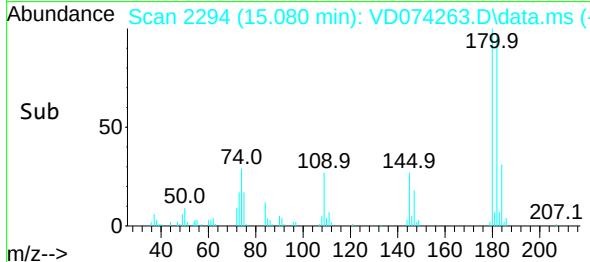
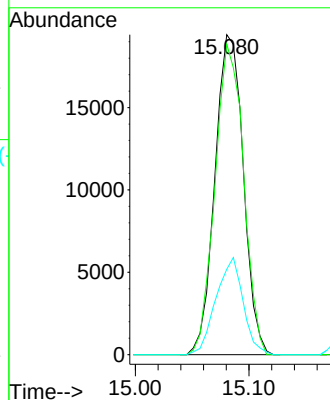
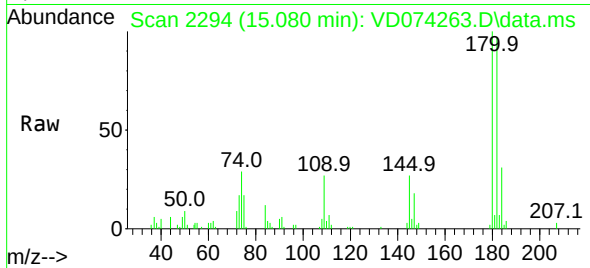




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.444 ug/l  
 RT: 15.080 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VD074263.D  
 Acq: 13 Sep 2022 13:51

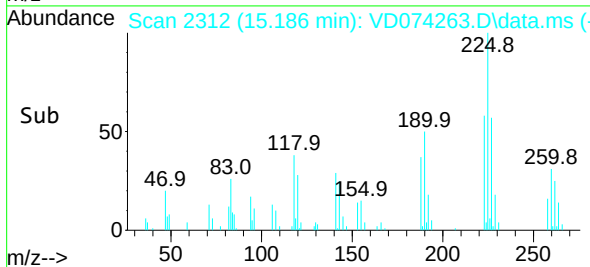
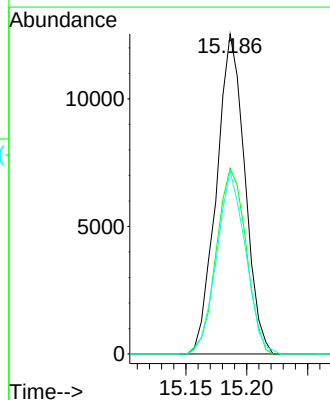
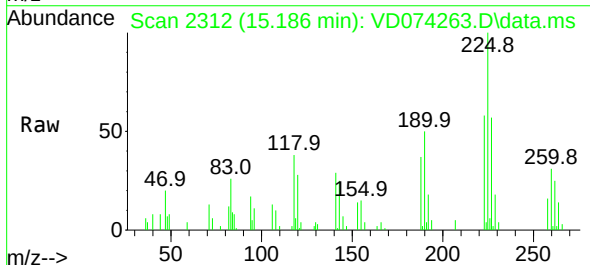
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0913SBS01

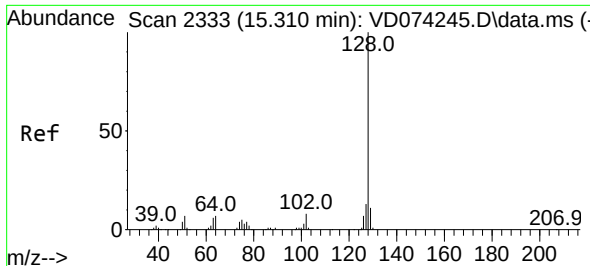
Tgt Ion:180 Resp: 33761  
 Ion Ratio Lower Upper  
 180 100  
 182 97.6 47.6 142.9  
 145 29.0 14.4 43.4



#94  
 Hexachlorobutadiene  
 Concen: 21.511 ug/l  
 RT: 15.186 min Scan# 2312  
 Delta R.T. 0.006 min  
 Lab File: VD074263.D  
 Acq: 13 Sep 2022 13:51

Tgt Ion:225 Resp: 20300  
 Ion Ratio Lower Upper  
 225 100  
 223 60.7 32.4 97.0  
 227 58.1 32.7 98.1

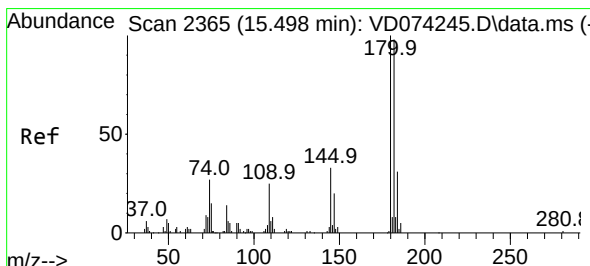
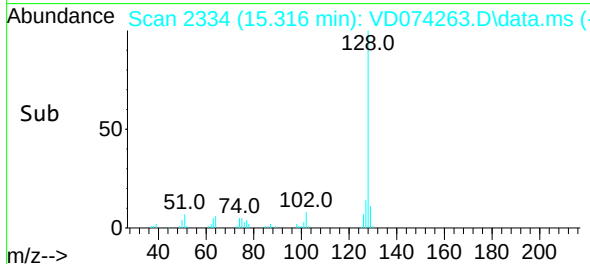
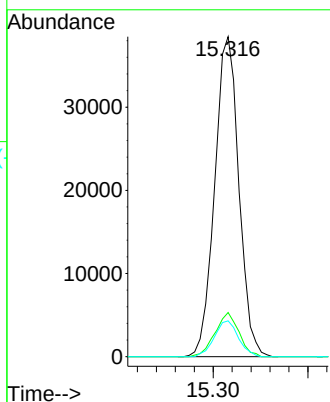
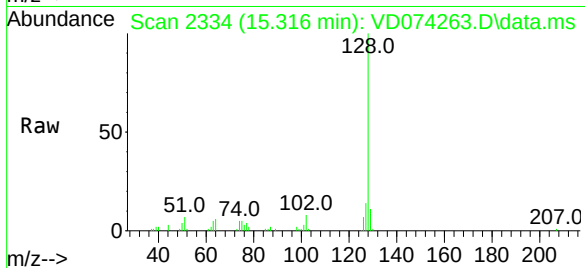




#95  
Naphthalene  
Concen: 22.086 ug/l  
RT: 15.316 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0913SBS01

Tgt Ion:128 Resp: 68152  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.9 16.3  
129 11.2 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 21.424 ug/l  
RT: 15.504 min Scan# 2366  
Delta R.T. 0.006 min  
Lab File: VD074263.D  
Acq: 13 Sep 2022 13:51

Tgt Ion:180 Resp: 30372  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.5 142.5  
145 30.1 15.8 47.3

