

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111422\  
 Data File : VD074927.D  
 Acq On : 14 Nov 2022 11:51  
 Operator : VA/SY  
 Sample : VD1114SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1114SBS01

Quant Time: Nov 15 00:15:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 14 00:51:58 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.881  | 168   | 129136   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.781  | 114   | 228040   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.581 | 117   | 206247   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.522 | 152   | 98589    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.234  | 65    | 51082    | 60.813   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 121.620% |
| 35) Dibromofluoromethane     | 7.810  | 113   | 59652    | 42.436   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 84.880%  |
| 50) Toluene-d8               | 10.269 | 98    | 226777   | 48.975   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 97.940%  |
| 62) 4-Bromofluorobenzene     | 12.575 | 95    | 74945    | 52.709   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 105.420% |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.934  | 85    | 22901    | 25.296   | ug/l   | 91       |
| 3) Chloromethane             | 2.146  | 50    | 33311    | 22.558   | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.287  | 62    | 41814    | 23.092   | ug/l   | 96       |
| 5) Bromomethane              | 2.687  | 94    | 37716    | 27.288   | ug/l   | 97       |
| 6) Chloroethane              | 2.834  | 64    | 31139    | 23.418   | ug/l   | 89       |
| 7) Trichlorofluoromethane    | 3.175  | 101   | 51350    | 24.890   | ug/l   | 95       |
| 8) Diethyl Ether             | 3.593  | 74    | 13941    | 23.568   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 3.975  | 101   | 31195    | 23.694   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.169  | 142   | 30219    | 22.229   | ug/l   | 100      |
| 11) Tert butyl alcohol       | 5.052  | 59    | 7954     | 118.850  | ug/l # | 84       |
| 12) 1,1-Dichloroethene       | 3.946  | 96    | 29916    | 23.327   | ug/l   | 90       |
| 13) Acrolein                 | 3.805  | 56    | 6565     | 173.750  | ug/l   | 94       |
| 14) Allyl chloride           | 4.569  | 41    | 32515    | 23.703   | ug/l   | 99       |
| 15) Acrylonitrile            | 5.263  | 53    | 27924    | 120.799  | ug/l   | 96       |
| 16) Acetone                  | 4.022  | 43    | 25367    | 118.993  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.269  | 76    | 84219    | 23.085   | ug/l   | 96       |
| 18) Methyl Acetate           | 4.569  | 43    | 15624    | 27.126   | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.322  | 73    | 58031    | 22.602   | ug/l   | 98       |
| 20) Methylene Chloride       | 4.805  | 84    | 53692    | 22.331   | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 5.316  | 96    | 33367    | 22.944   | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.222  | 45    | 74581    | 24.393   | ug/l # | 94       |
| 23) Vinyl Acetate            | 6.163  | 43    | 154810   | 117.973  | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.116  | 63    | 54903    | 24.046   | ug/l   | 95       |
| 25) 2-Butanone               | 7.081  | 43    | 33661    | 120.747  | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 7.075  | 77    | 49840    | 23.227   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.081  | 96    | 38240    | 23.702   | ug/l   | 98       |
| 28) Bromochloromethane       | 7.434  | 49    | 15564    | 21.129   | ug/l   | 89       |
| 29) Tetrahydrofuran          | 7.452  | 42    | 15656    | 101.460  | ug/l   | 98       |
| 30) Chloroform               | 7.599  | 83    | 52219    | 20.883   | ug/l   | 96       |
| 31) Cyclohexane              | 7.881  | 56    | 36772    | 19.532   | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 7.793  | 97    | 45202    | 20.975   | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.010  | 75    | 38115    | 18.449   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.169  | 43    | 14400    | 20.772   | ug/l # | 91       |
| 38) Carbon Tetrachloride     | 7.999  | 117   | 35538    | 18.275   | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.275  | 83    | 43541    | 19.673   | ug/l   | 95       |
| 40) Benzene                  | 8.252  | 78    | 115428   | 19.431   | ug/l   | 98       |

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 Sample : VD1114SBS01  
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 ALS Vial : 5 Sample Multiplier: 1

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 MSVOA\_D  
 ClientSampleId :  
 VD1114SBS01

Quant Time: Nov 15 00:15:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 14 00:51:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.410  | 41   | 6130     | 16.672  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 27516    | 19.355  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 22585    | 18.497  | ug/l   | 97       |
| 44) Trichloroethene           | 9.028  | 130  | 32165    | 20.495  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 27380    | 20.513  | ug/l   | 94       |
| 46) Dibromomethane            | 9.393  | 93   | 15350    | 20.535  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.587  | 83   | 37674    | 20.307  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.381  | 41   | 10382    | 19.195  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.381  | 88   | 2697     | 367.682 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.163 | 43   | 60218    | 103.454 | ug/l   | 96       |
| 52) Toluene                   | 10.334 | 92   | 76468    | 21.529  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.551 | 75   | 33997    | 20.744  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 41354    | 20.576  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 21788    | 20.962  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.598 | 69   | 21533    | 18.958  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 34766    | 20.805  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.875  | 63   | 42153    | 108.409 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.922 | 43   | 41576    | 102.461 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.075 | 129  | 25798    | 20.922  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 20411    | 20.997  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.810 | 164  | 26788    | 19.372  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.610 | 112  | 80000    | 19.828  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.687 | 131  | 28867    | 20.420  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.687 | 91   | 138693   | 19.731  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.798 | 106  | 112981   | 40.312  | ug/l   | 98       |
| 69) o-Xylene                  | 12.122 | 106  | 51153    | 19.838  | ug/l   | 98       |
| 70) Styrene                   | 12.140 | 104  | 89492    | 20.247  | ug/l   | 99       |
| 71) Bromoform                 | 12.304 | 173  | 15097    | 20.635  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.422 | 105  | 136151   | 20.064  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.234 | 43   | 21207    | 18.995  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 23326    | 19.433  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.728 | 75   | 27482    | 33.328  | ug/l # | 1        |
| 77) Bromobenzene              | 12.704 | 156  | 31529    | 19.855  | ug/l   | 92       |
| 78) n-propylbenzene           | 12.763 | 91   | 170536   | 20.445  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 90891    | 20.223  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 112027   | 19.813  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 6734     | 20.090  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.951 | 91   | 97659    | 20.866  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.169 | 119  | 95217    | 19.408  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.216 | 105  | 112722   | 20.157  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.345 | 105  | 150262   | 20.135  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.463 | 119  | 123219   | 19.857  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.463 | 146  | 64822    | 19.623  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.539 | 146  | 66027    | 20.139  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.787 | 91   | 115473   | 20.043  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.057 | 117  | 22739    | 20.460  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 13.834 | 146  | 56064    | 19.958  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 3437     | 20.769  | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 32438    | 18.971  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 17561    | 19.910  | ug/l   | 99       |
| 95) Naphthalene               | 15.334 | 128  | 57504    | 18.119  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 27815    | 18.811  | ug/l   | 100      |

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ALS Vial : 5 Sample Multiplier: 1

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VD1114SBS01

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Quant Title : SW846 8260  
QLast Update : Mon Nov 14 00:51:58 2022  
Response via : Initial Calibration

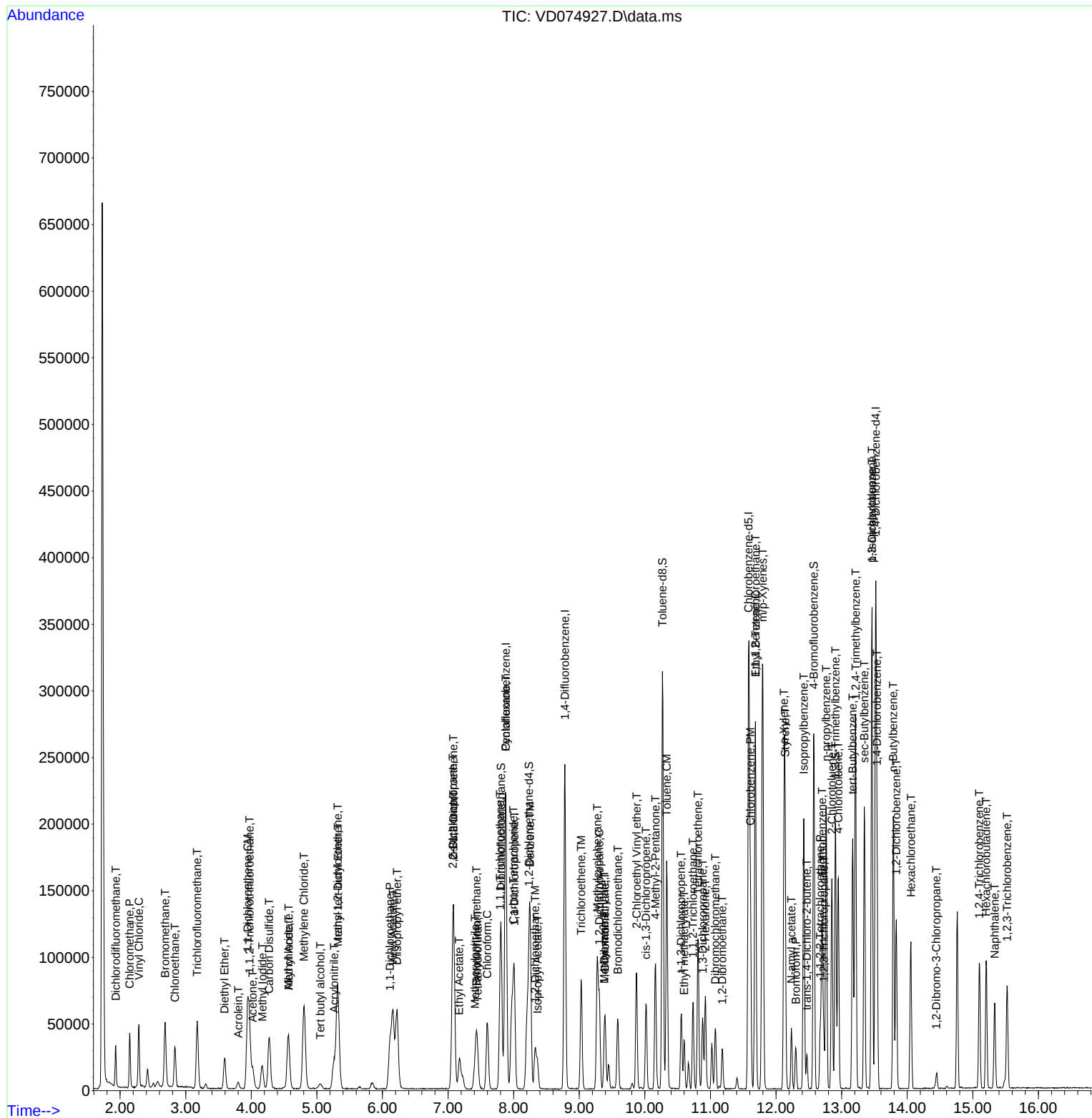
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

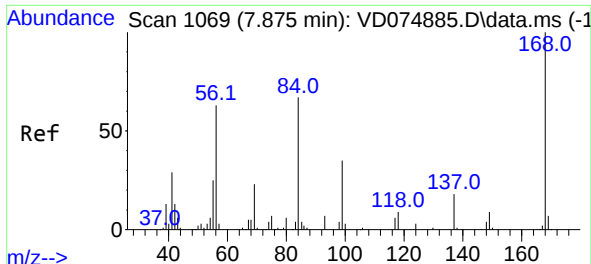
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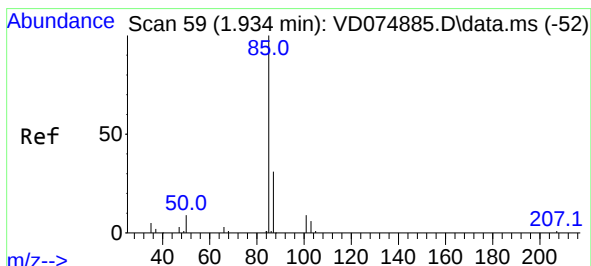
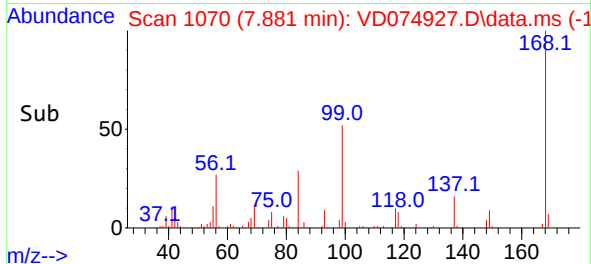
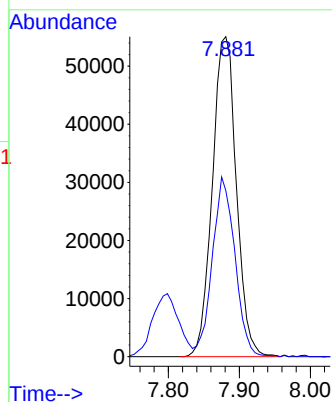
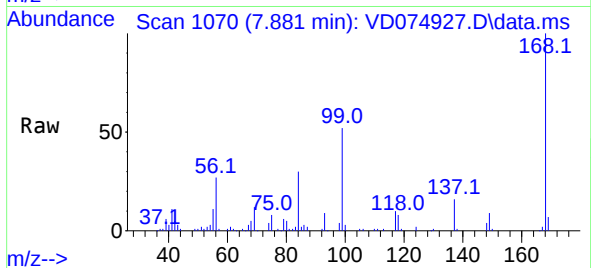




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.881 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

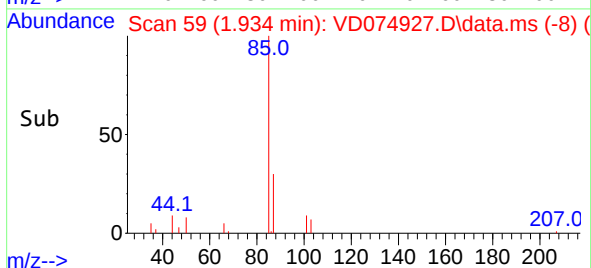
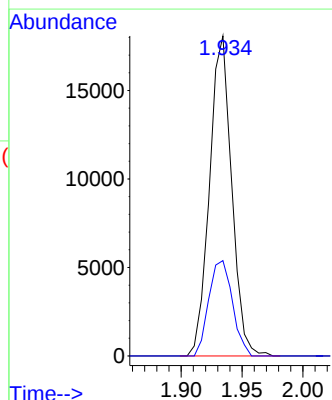
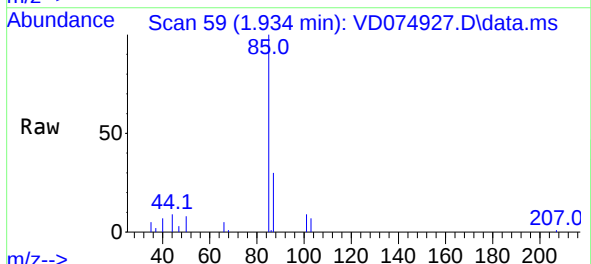
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

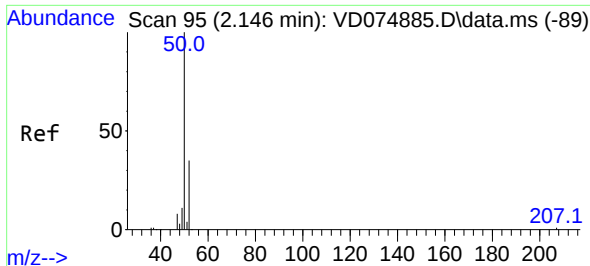
Tgt Ion:168 Resp: 129136  
Ion Ratio Lower Upper  
168 100  
99 51.9 40.9 61.3



#2  
Dichlorodifluoromethane  
Concen: 25.296 ug/l  
RT: 1.934 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 85 Resp: 22901  
Ion Ratio Lower Upper  
85 100  
87 29.8 17.5 52.6

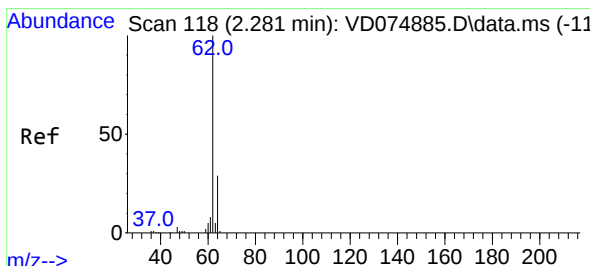
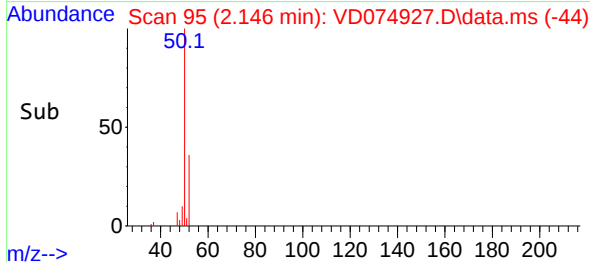
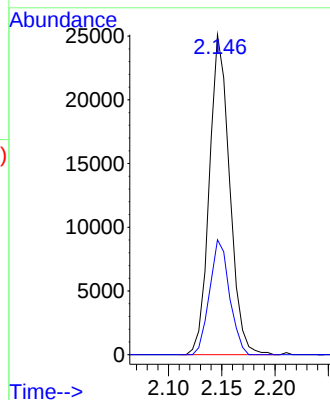
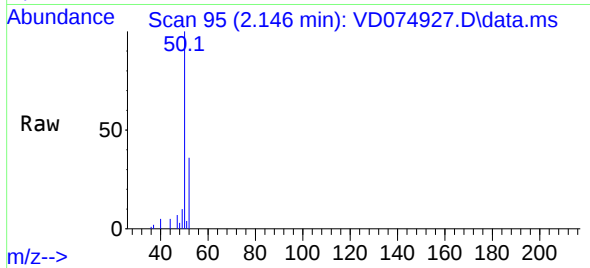




#3  
Chloromethane  
Concen: 22.558 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

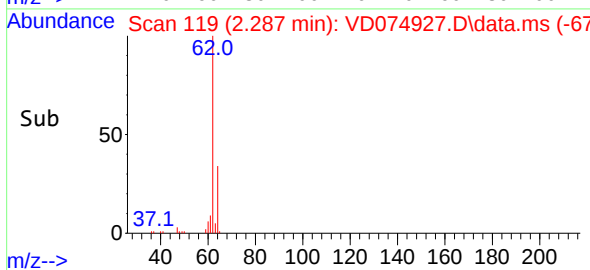
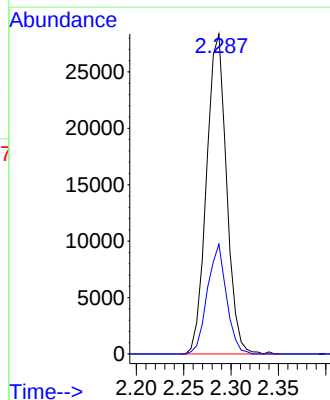
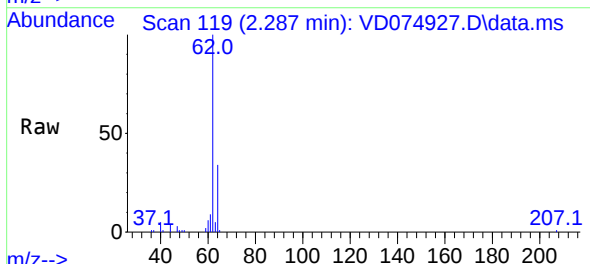
Instrument :  
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VD1114SBS01

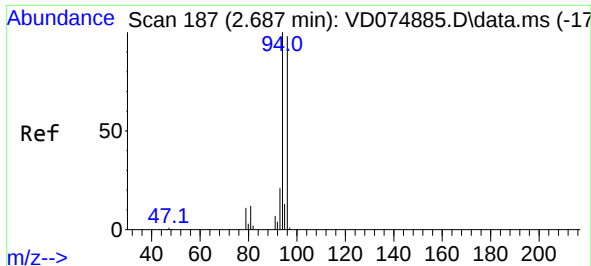
Tgt Ion: 50 Resp: 33311  
Ion Ratio Lower Upper  
50 100  
52 35.9 30.0 45.0



#4  
Vinyl Chloride  
Concen: 23.092 ug/l  
RT: 2.287 min Scan# 119  
Delta R.T. 0.006 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 62 Resp: 41814  
Ion Ratio Lower Upper  
62 100  
64 34.3 25.5 38.3

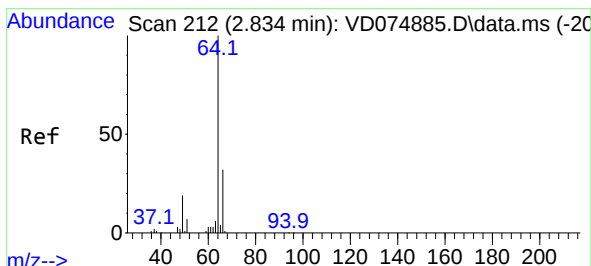
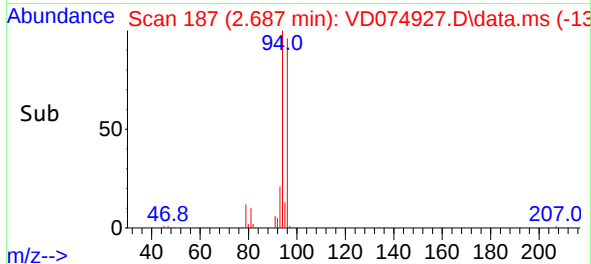
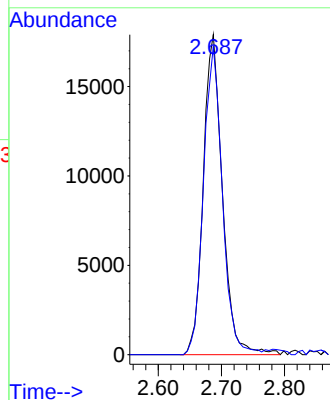
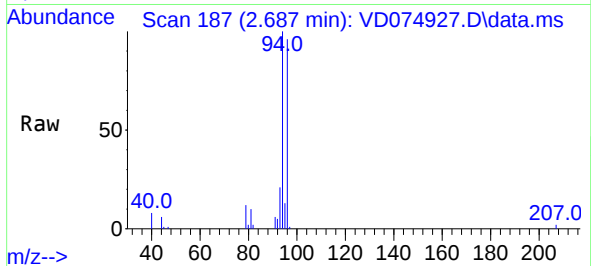




#5  
Bromomethane  
Concen: 27.288 ug/l  
RT: 2.687 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

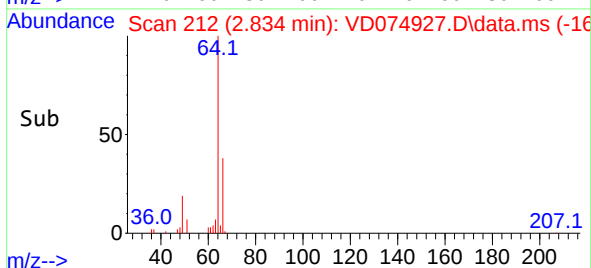
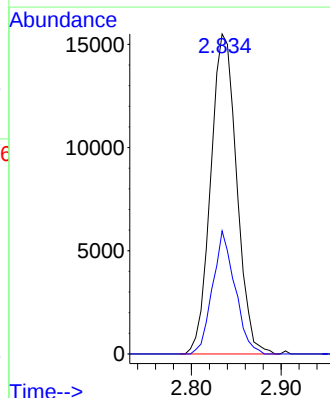
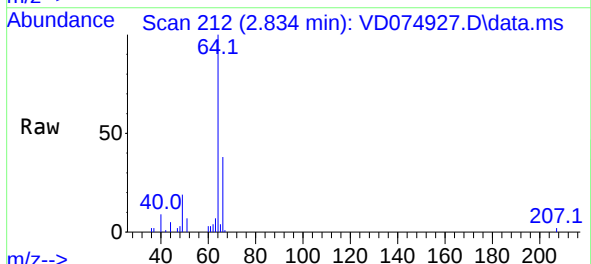
Instrument :  
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ClientSampleId :  
VD1114SBS01

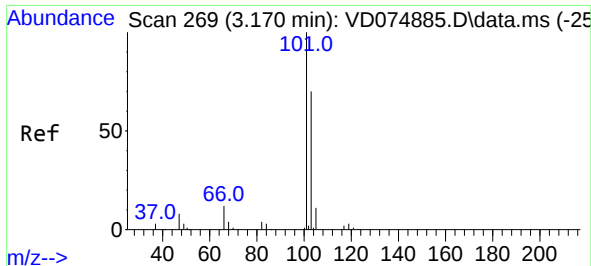
Tgt Ion: 94 Resp: 37716  
Ion Ratio Lower Upper  
94 100  
96 96.4 74.6 112.0



#6  
Chloroethane  
Concen: 23.418 ug/l  
RT: 2.834 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 64 Resp: 31139  
Ion Ratio Lower Upper  
64 100  
66 38.4 25.8 38.8

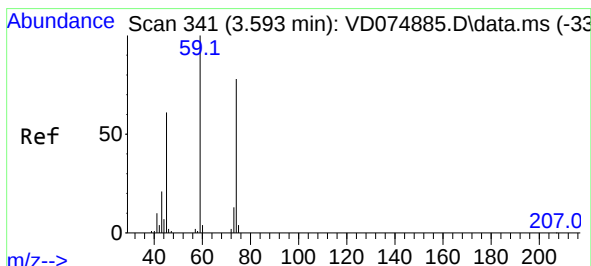
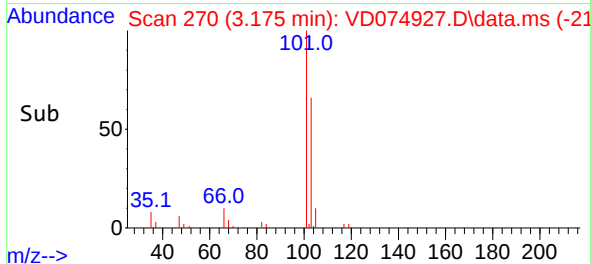
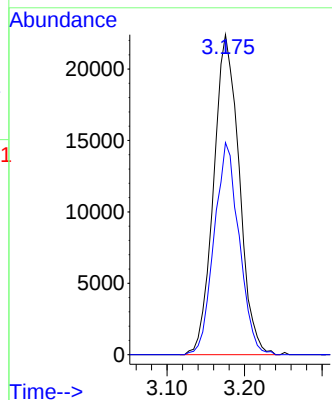
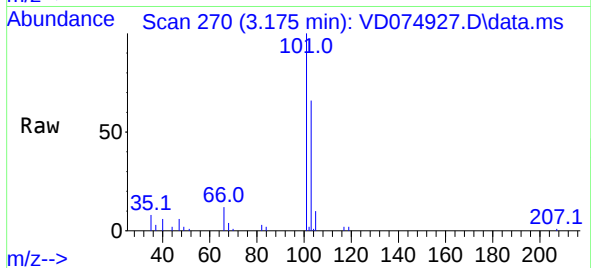




#7  
Trichlorofluoromethane  
Concen: 24.890 ug/l  
RT: 3.175 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

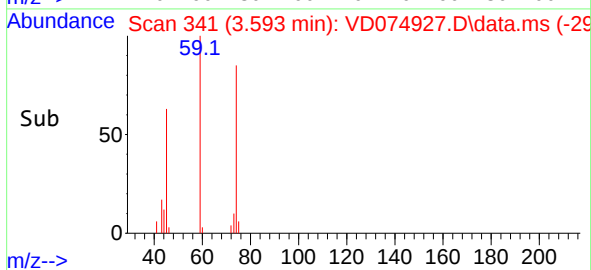
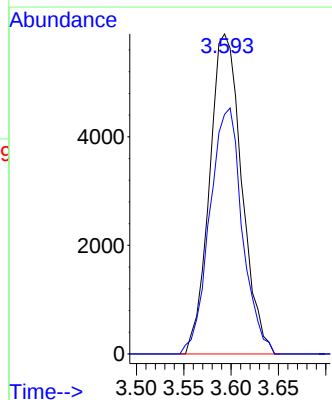
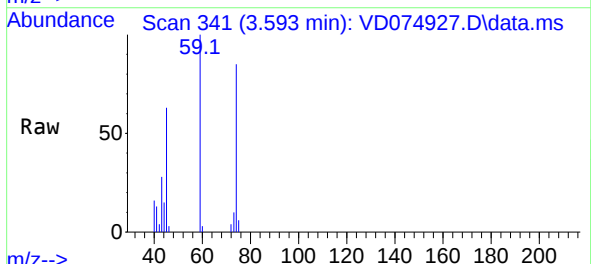
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

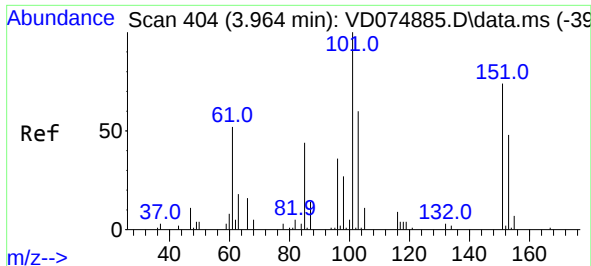
Tgt Ion:101 Resp: 51350  
Ion Ratio Lower Upper  
101 100  
103 66.2 49.8 74.8



#8  
Diethyl Ether  
Concen: 23.568 ug/l  
RT: 3.593 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 74 Resp: 13941  
Ion Ratio Lower Upper  
74 100  
45 77.7 37.9 113.6

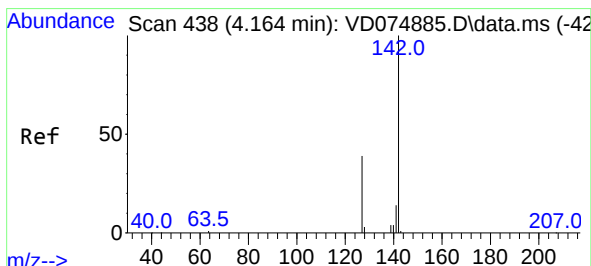
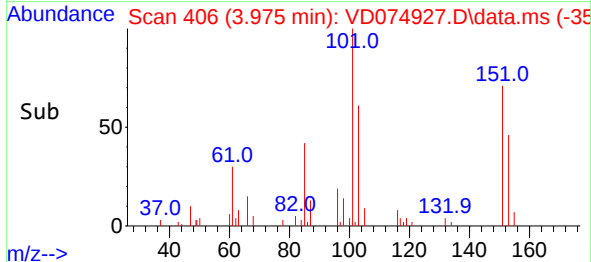
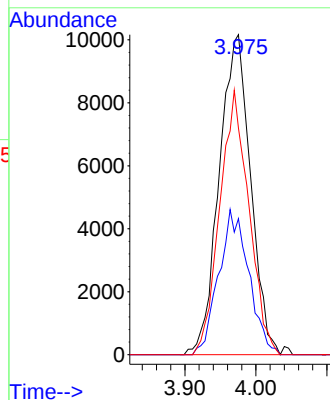
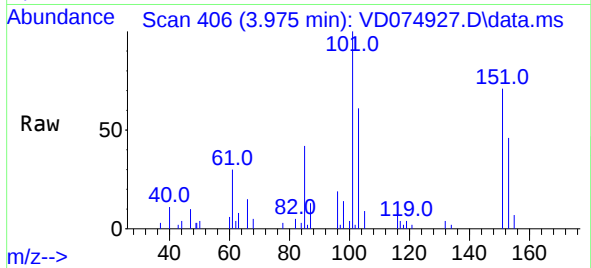




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 23.694 ug/l  
RT: 3.975 min Scan# 406  
Delta R.T. 0.011 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

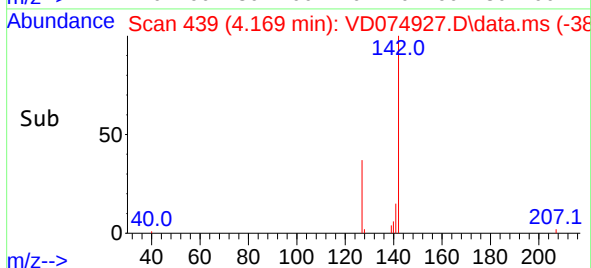
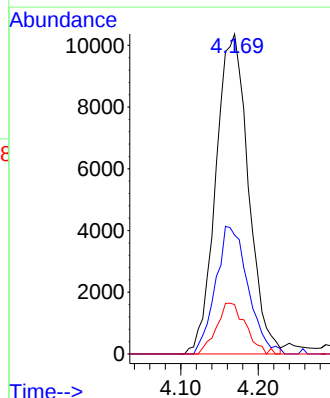
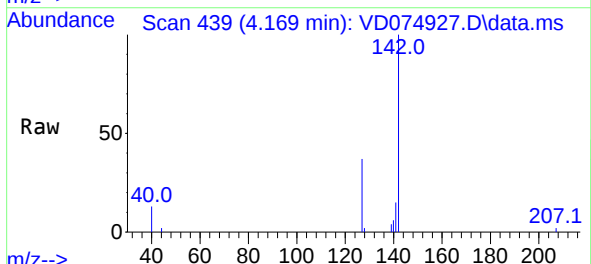
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

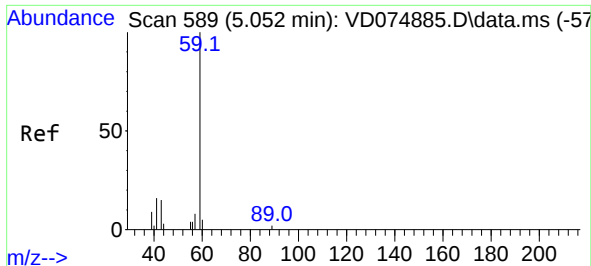
Tgt Ion:101 Resp: 31195  
Ion Ratio Lower Upper  
101 100  
85 43.5 34.1 51.1  
151 76.8 61.7 92.5



#10  
Methyl Iodide  
Concen: 22.229 ug/l  
RT: 4.169 min Scan# 439  
Delta R.T. 0.005 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion:142 Resp: 30219  
Ion Ratio Lower Upper  
142 100  
127 39.7 31.9 47.9  
141 14.3 11.4 17.2

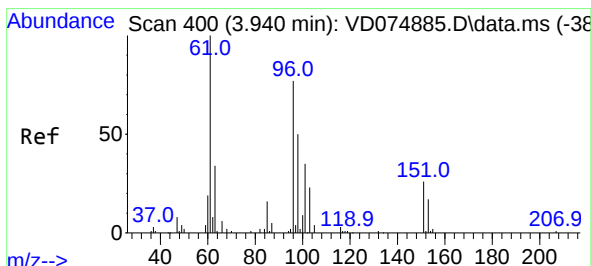
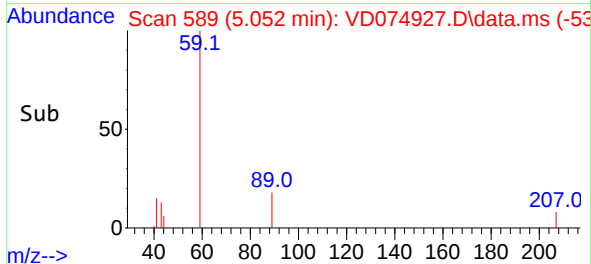
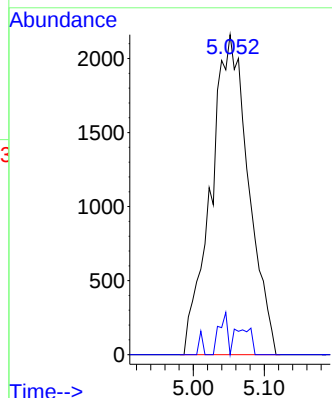
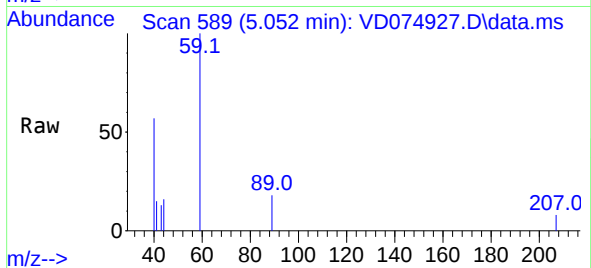




#11  
Tert butyl alcohol  
Concen: 118.850 ug/l  
RT: 5.052 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

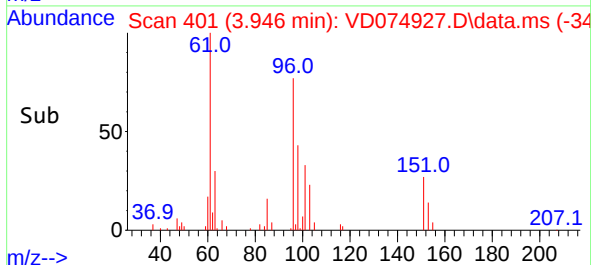
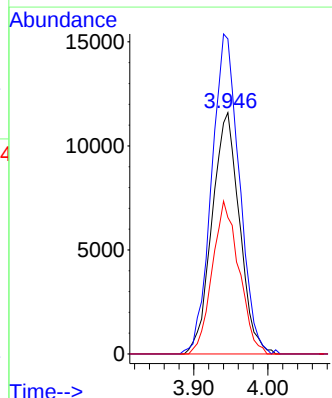
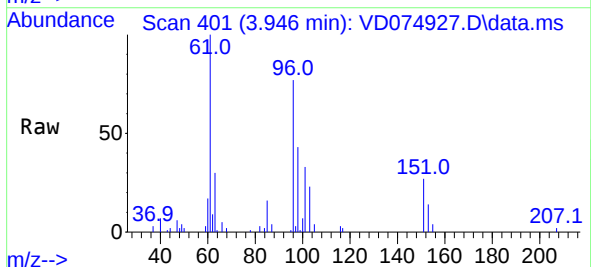
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

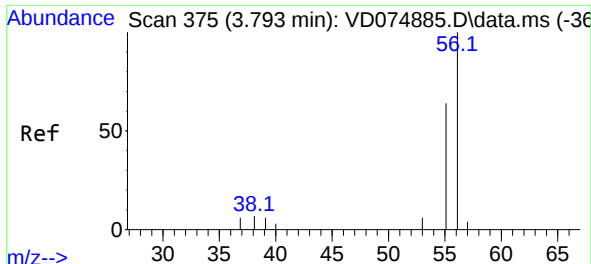
Tgt Ion: 59 Resp: 7954  
Ion Ratio Lower Upper  
59 100  
57 0.0 4.4 6.6#



#12  
1,1-Dichloroethene  
Concen: 23.327 ug/l  
RT: 3.946 min Scan# 401  
Delta R.T. 0.006 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 96 Resp: 29916  
Ion Ratio Lower Upper  
96 100  
61 130.6 113.9 170.9  
98 56.6 51.8 77.8

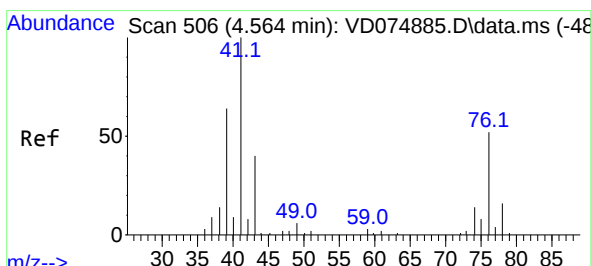
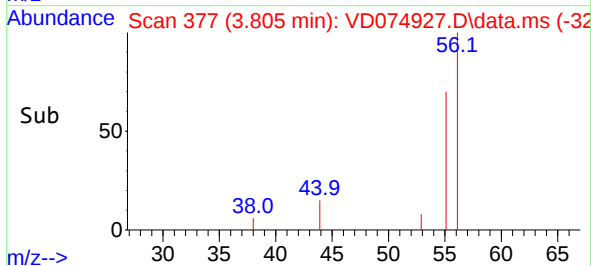
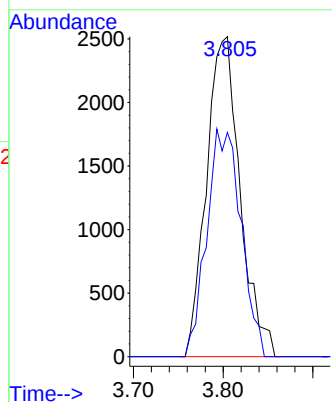
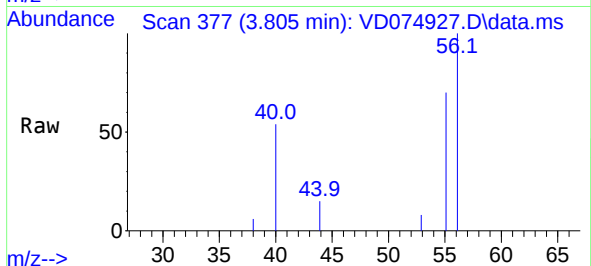




#13  
Acrolein  
Concen: 173.750 ug/l  
RT: 3.805 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

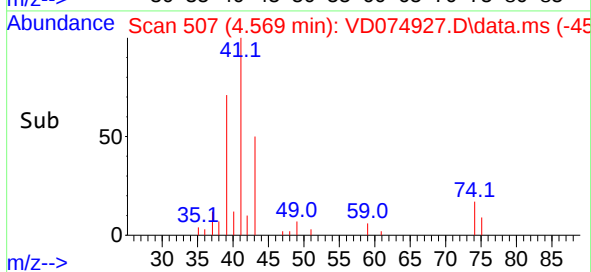
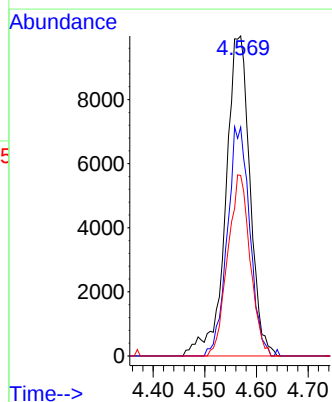
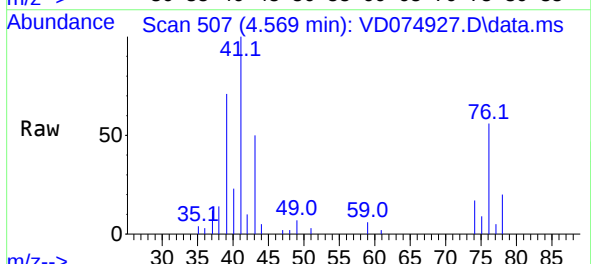
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

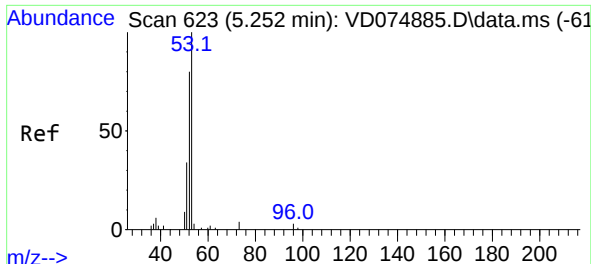
Tgt Ion: 56 Resp: 6565  
Ion Ratio Lower Upper  
56 100  
55 72.2 54.0 81.0



#14  
Allyl chloride  
Concen: 23.703 ug/l  
RT: 4.569 min Scan# 507  
Delta R.T. 0.005 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 41 Resp: 32515  
Ion Ratio Lower Upper  
41 100  
39 66.4 53.4 80.2  
76 52.0 42.4 63.6

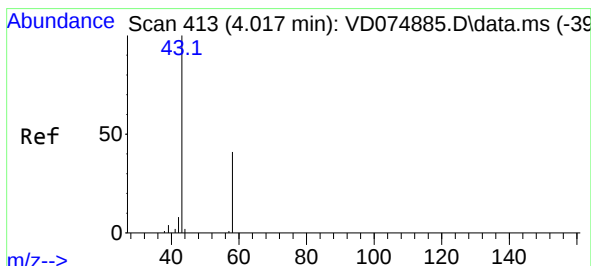
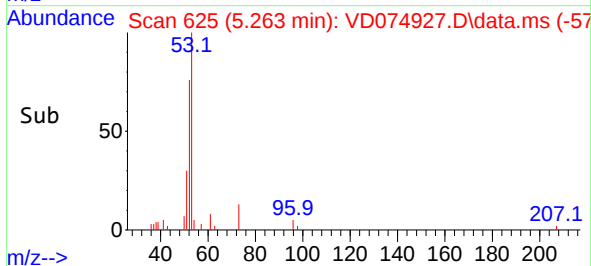
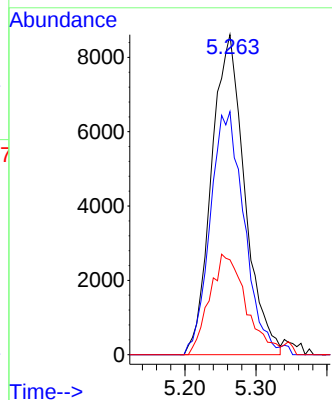
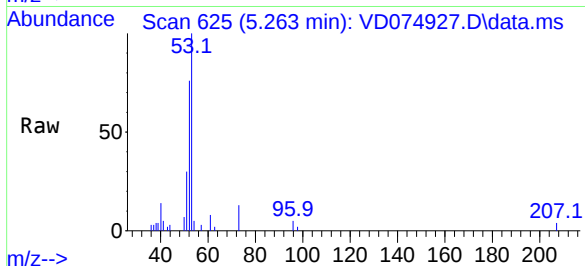




#15  
Acrylonitrile  
Concen: 120.799 ug/l  
RT: 5.263 min Scan# 61  
Delta R.T. 0.011 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

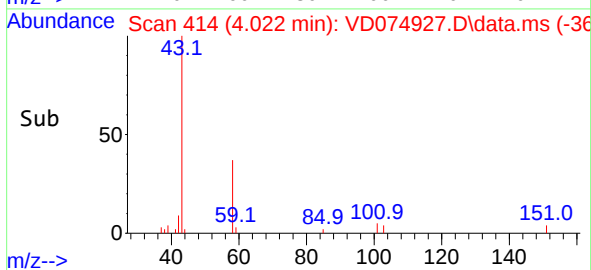
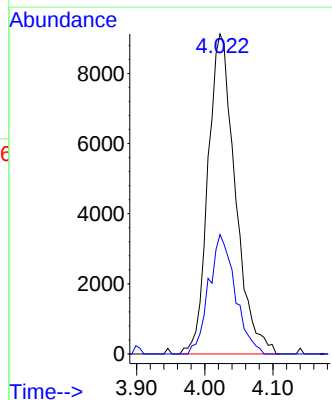
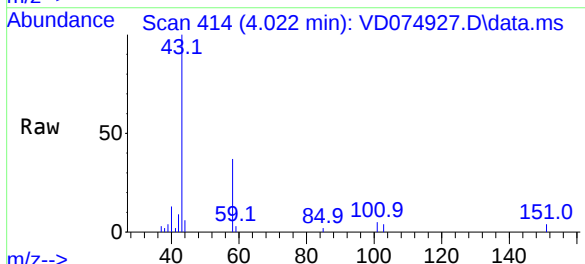
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

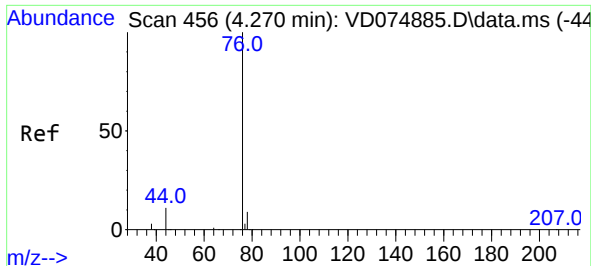
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 27924 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 78.5  | 66.0  | 99.0  |
| 51       | 34.6  | 28.3  | 42.5  |



#16  
Acetone  
Concen: 118.993 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. 0.005 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 25367 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 37.3  | 30.2  | 45.2  |

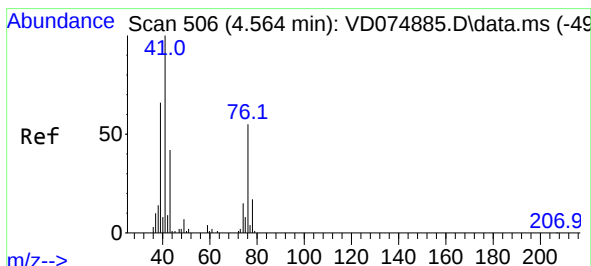
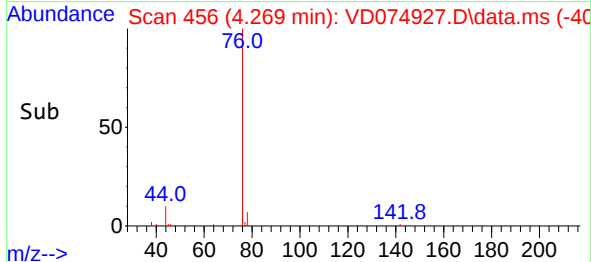
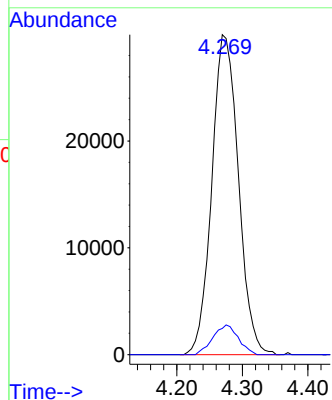
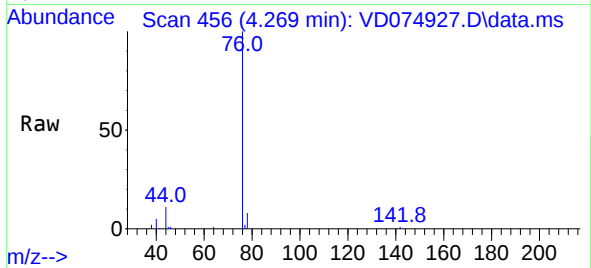




#17  
Carbon Disulfide  
Concen: 23.085 ug/l  
RT: 4.269 min Scan# 41  
Delta R.T. -0.001 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

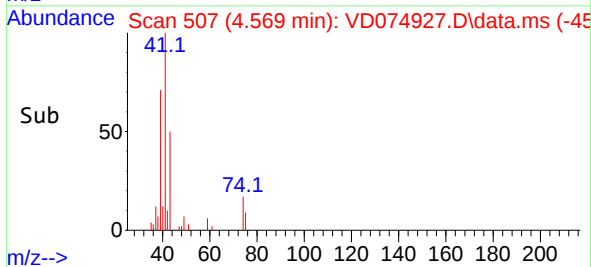
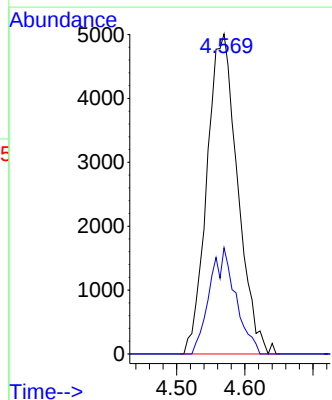
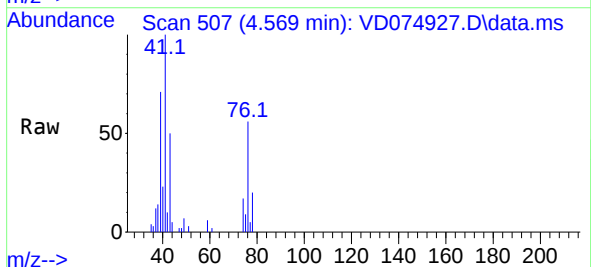
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

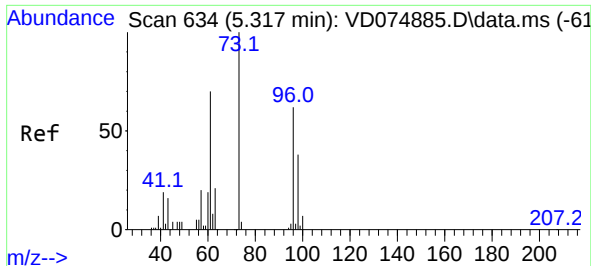
Tgt Ion: 76 Resp: 84219  
Ion Ratio Lower Upper  
76 100  
78 8.2 7.8 11.8



#18  
Methyl Acetate  
Concen: 27.126 ug/l  
RT: 4.569 min Scan# 507  
Delta R.T. 0.005 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 43 Resp: 15624  
Ion Ratio Lower Upper  
43 100  
74 28.4 24.7 37.1

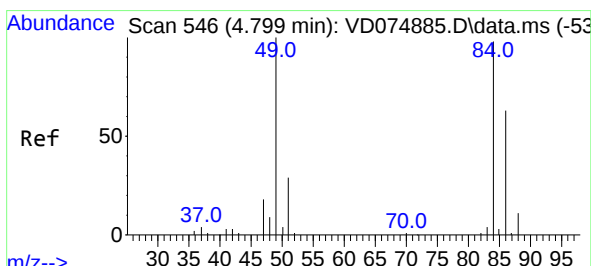
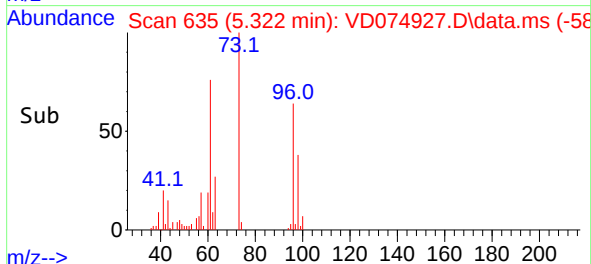
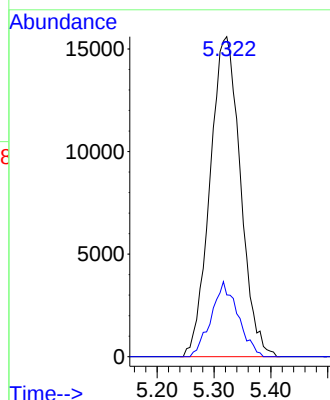
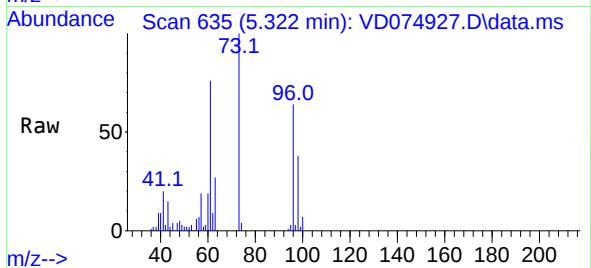




#19  
Methyl tert-butyl Ether  
Concen: 22.602 ug/l  
RT: 5.322 min Scan# 61  
Delta R.T. 0.005 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

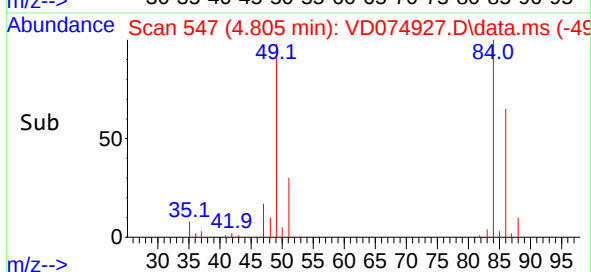
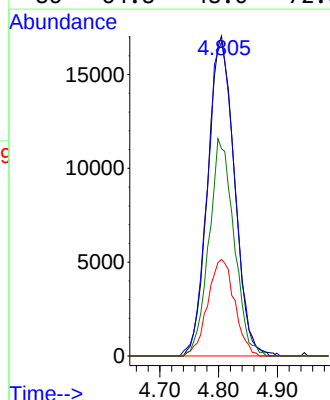
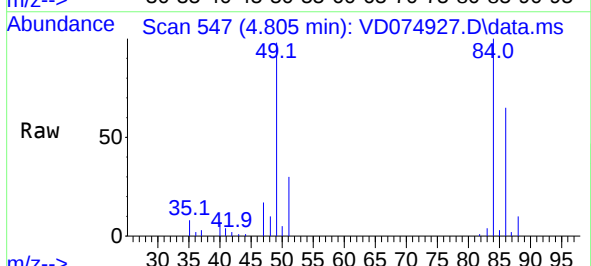
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

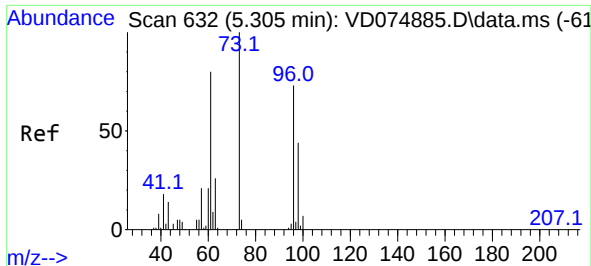
Tgt Ion: 73 Resp: 58031  
Ion Ratio Lower Upper  
73 100  
57 19.3 16.1 24.1



#20  
Methylene Chloride  
Concen: 22.331 ug/l  
RT: 4.805 min Scan# 547  
Delta R.T. 0.006 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 84 Resp: 53692  
Ion Ratio Lower Upper  
84 100  
49 98.0 68.0 102.0  
51 30.2 23.2 34.8  
86 64.8 48.0 72.0

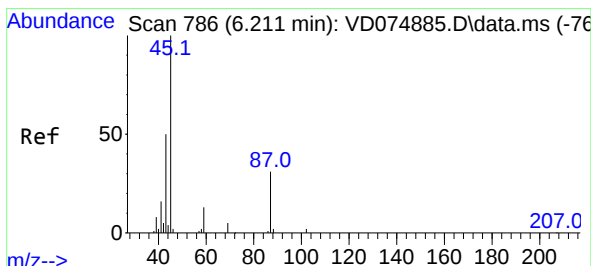
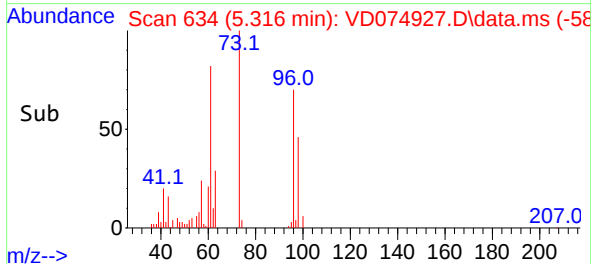
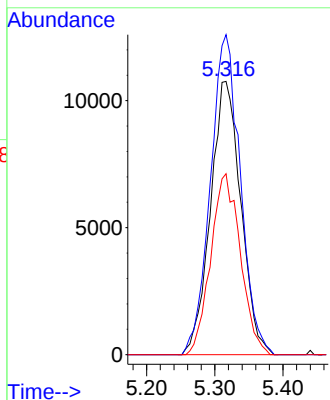
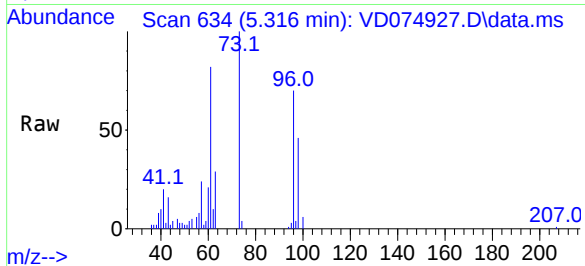




#21  
trans-1,2-Dichloroethene  
Concen: 22.944 ug/l  
RT: 5.316 min Scan# 61  
Delta R.T. 0.011 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

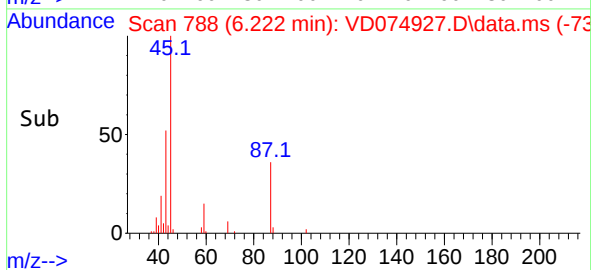
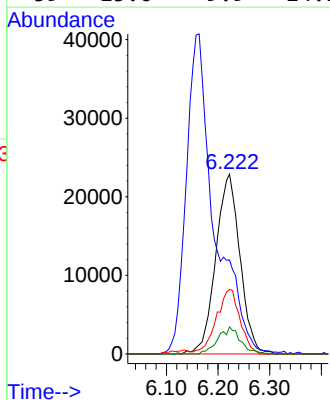
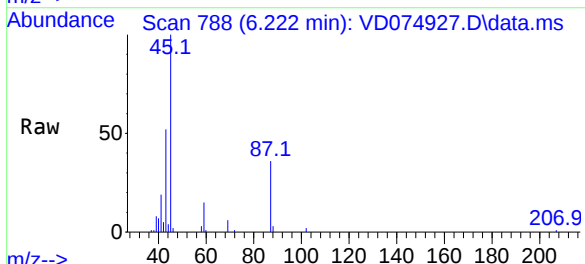
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

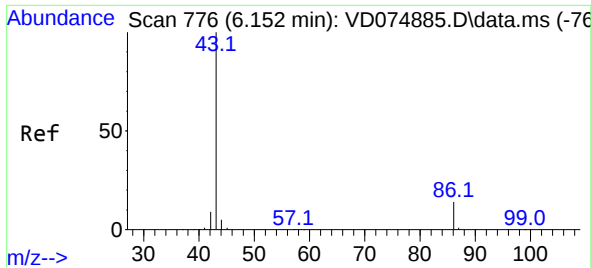
Tgt Ion: 96 Resp: 33367  
Ion Ratio Lower Upper  
96 100  
61 117.1 95.7 143.5  
98 66.2 54.8 82.2



#22  
Diisopropyl ether  
Concen: 24.393 ug/l  
RT: 6.222 min Scan# 788  
Delta R.T. 0.011 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 45 Resp: 74581  
Ion Ratio Lower Upper  
45 100  
43 51.3 37.8 56.6  
87 35.9 26.6 40.0  
59 15.0 9.9 14.9#

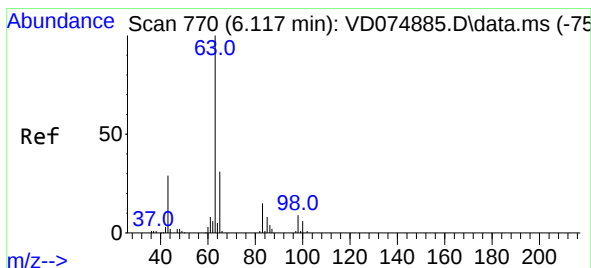
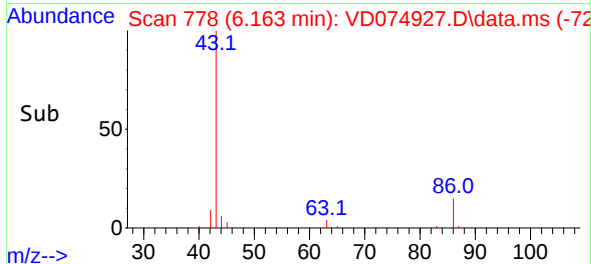
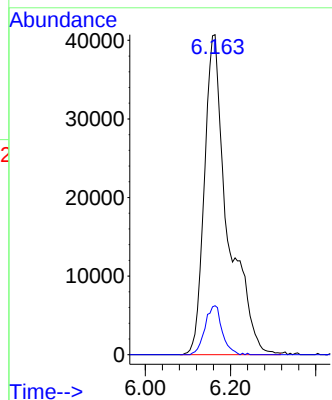
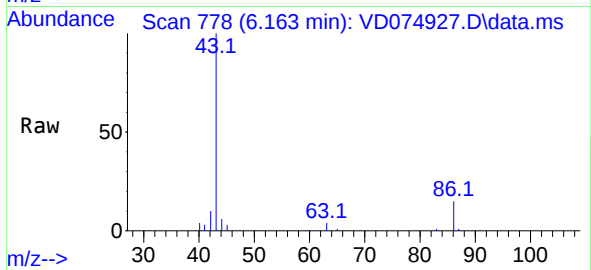




#23  
 Vinyl Acetate  
 Concen: 117.973 ug/l  
 RT: 6.163 min Scan# 776  
 Delta R.T. 0.011 min  
 Lab File: VD074927.D  
 Acq: 14 Nov 2022 11:51

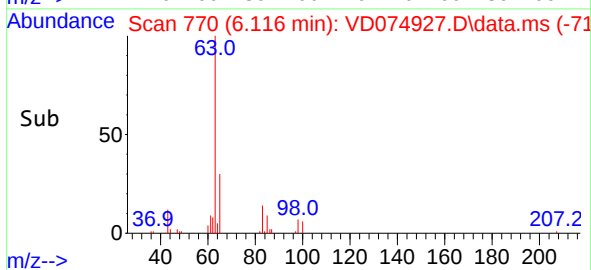
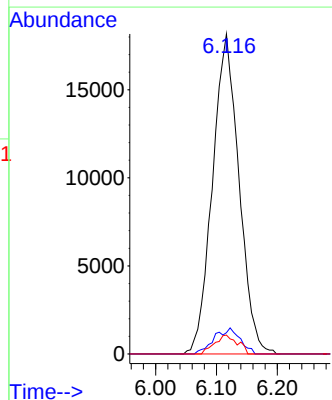
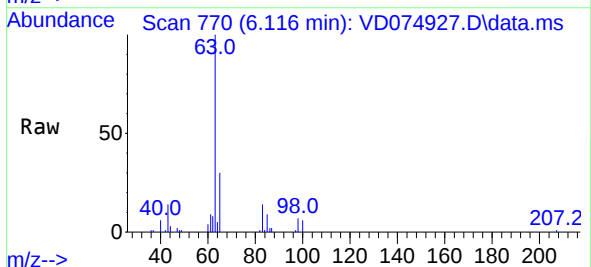
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1114SBS01

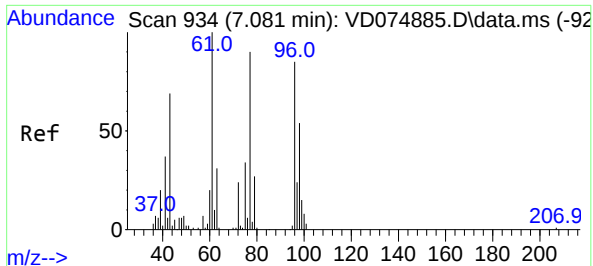
Tgt Ion: 43 Resp: 154810  
 Ion Ratio Lower Upper  
 43 100  
 86 15.3 11.2 16.8



#24  
 1,1-Dichloroethane  
 Concen: 24.046 ug/l  
 RT: 6.116 min Scan# 770  
 Delta R.T. -0.001 min  
 Lab File: VD074927.D  
 Acq: 14 Nov 2022 11:51

Tgt Ion: 63 Resp: 54903  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 4.6 13.8  
 100 5.9 2.9 8.6

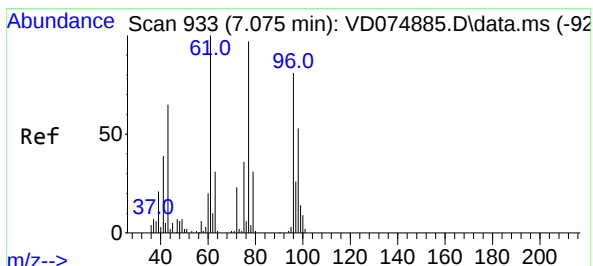
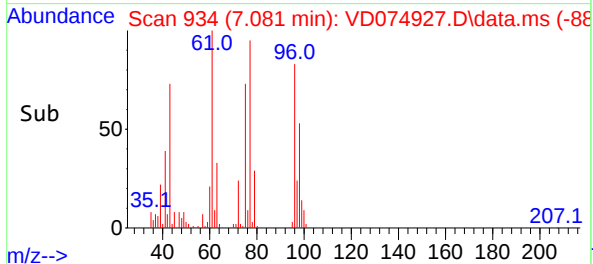
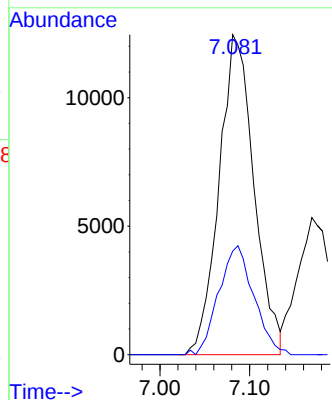
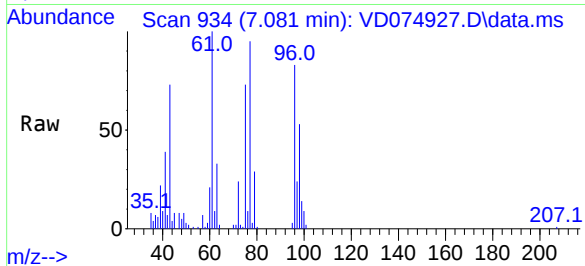




#25  
2-Butanone  
Concen: 120.747 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

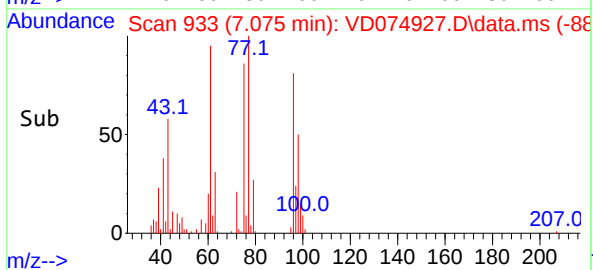
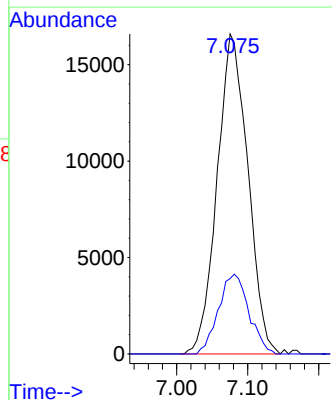
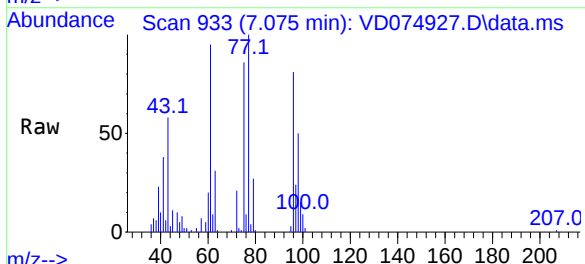
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

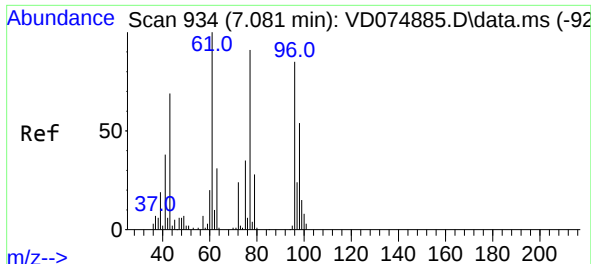
Tgt Ion: 43 Resp: 33661  
Ion Ratio Lower Upper  
43 100  
72 32.3 25.8 38.8



#26  
2,2-Dichloropropane  
Concen: 23.227 ug/l  
RT: 7.075 min Scan# 933  
Delta R.T. 0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 77 Resp: 49840  
Ion Ratio Lower Upper  
77 100  
97 24.7 12.5 37.5



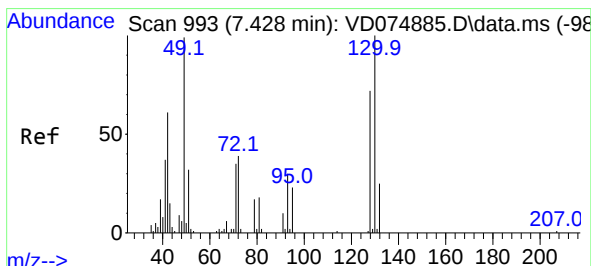
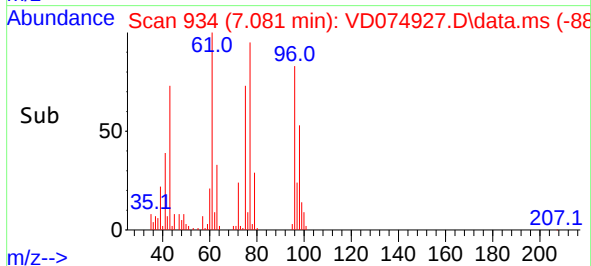
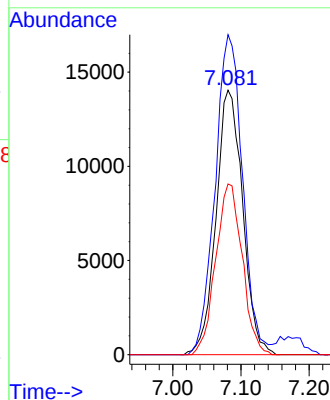
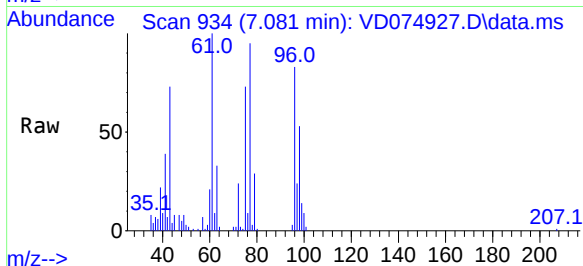


#27  
 cis-1,2-Dichloroethene  
 Concen: 23.702 ug/l  
 RT: 7.081 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VD074927.D  
 Acq: 14 Nov 2022 11:51

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1114SBS01

Tgt Ion: 96 Resp: 38240  

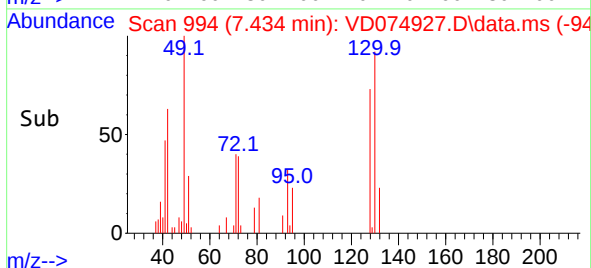
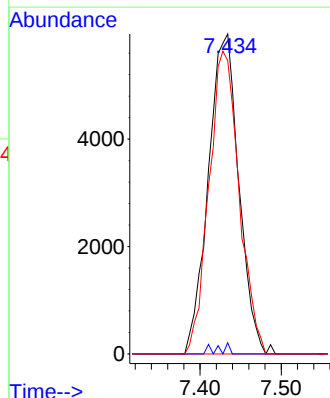
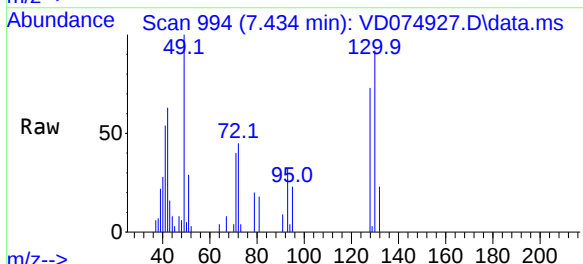
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 124.4 | 0.0   | 242.4 |
| 98  | 64.2  | 0.0   | 130.0 |

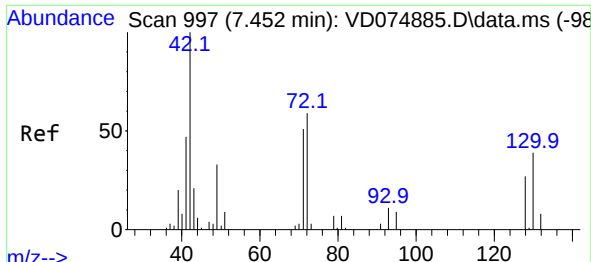


#28  
 Bromochloromethane  
 Concen: 21.129 ug/l  
 RT: 7.434 min Scan# 994  
 Delta R.T. 0.006 min  
 Lab File: VD074927.D  
 Acq: 14 Nov 2022 11:51

Tgt Ion: 49 Resp: 15564  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.4   | 0.0   | 5.0   |
| 130 | 93.4  | 84.1  | 126.1 |

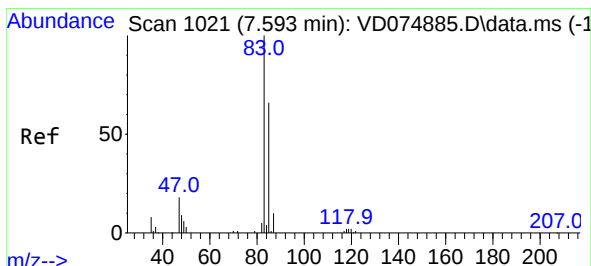
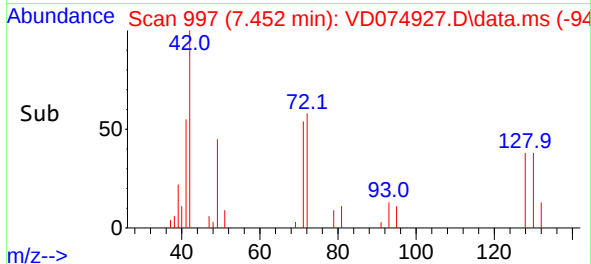
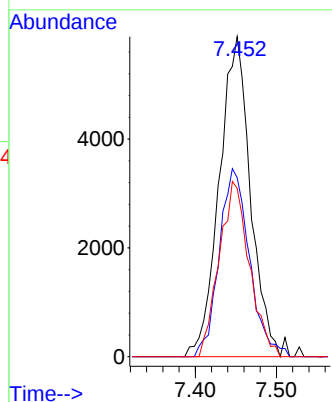
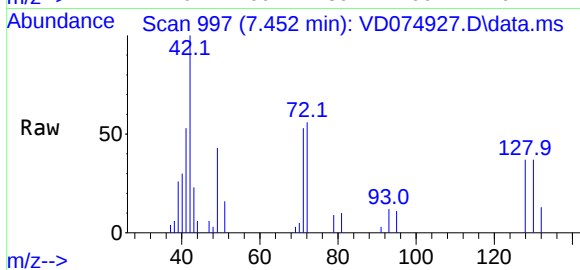




#29  
Tetrahydrofuran  
Concen: 101.460 ug/l  
RT: 7.452 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

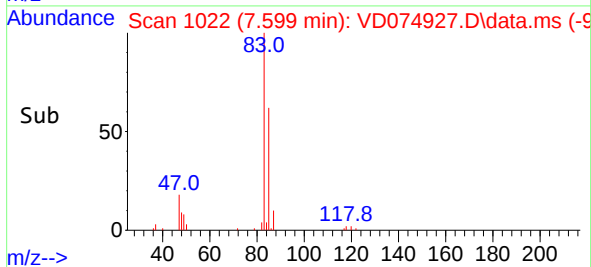
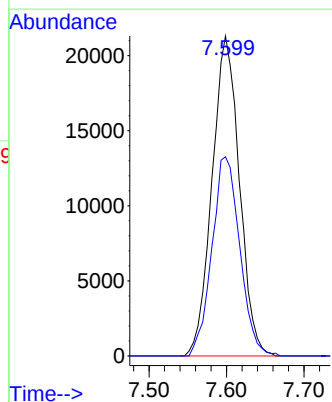
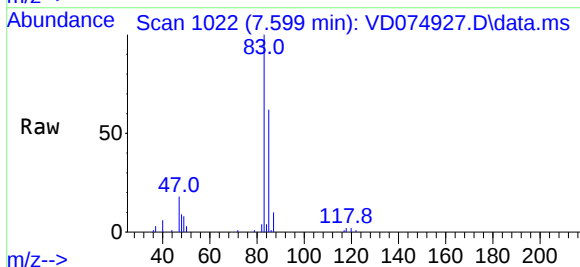
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

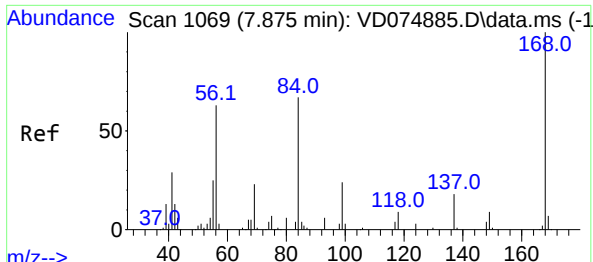
Tgt Ion: 42 Resp: 15656  
Ion Ratio Lower Upper  
42 100  
72 57.3 45.8 68.6  
71 53.0 44.6 66.8



#30  
Chloroform  
Concen: 20.883 ug/l  
RT: 7.599 min Scan# 1022  
Delta R.T. 0.006 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

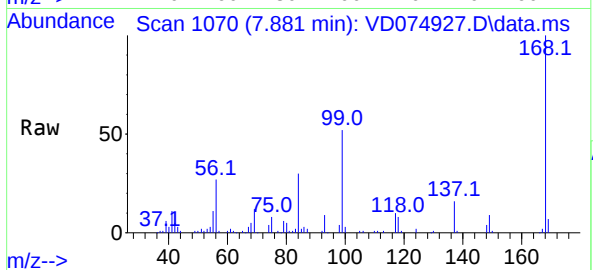
Tgt Ion: 83 Resp: 52219  
Ion Ratio Lower Upper  
83 100  
85 62.2 52.0 78.0



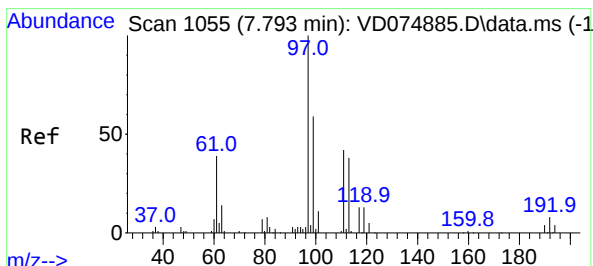
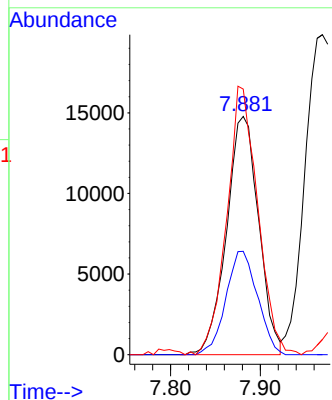
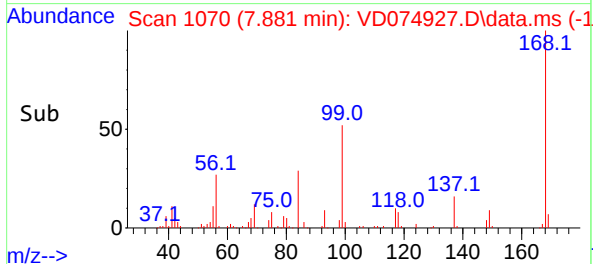


#31  
Cyclohexane  
Concen: 19.532 ug/l  
RT: 7.881 min Scan# 1069  
Delta R.T. 0.006 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

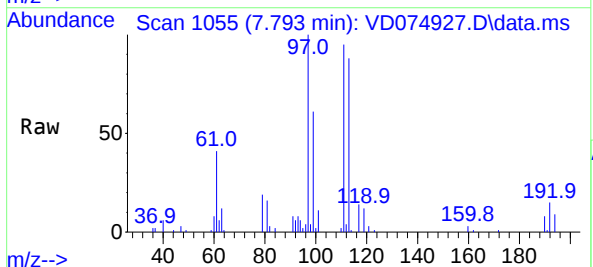
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01



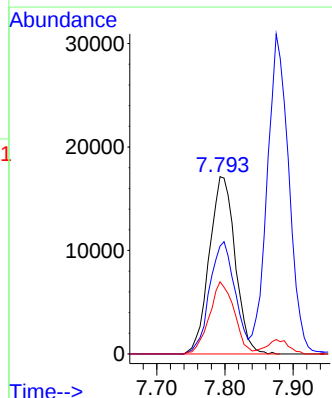
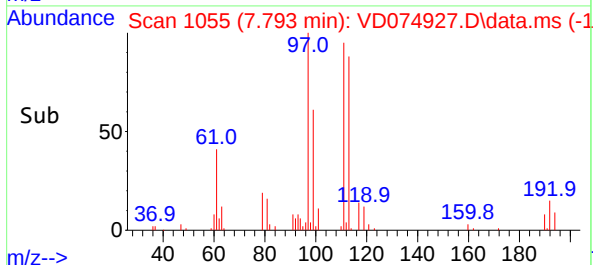
Tgt Ion: 56 Resp: 36772  
Ion Ratio Lower Upper  
56 100  
69 43.4 29.2 43.8  
84 110.2 83.4 125.2

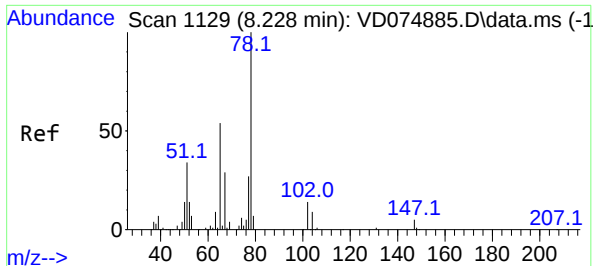


#32  
1,1,1-Trichloroethane  
Concen: 20.975 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51



Tgt Ion: 97 Resp: 45202  
Ion Ratio Lower Upper  
97 100  
99 62.3 53.3 79.9  
61 39.0 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 60.813 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074927.D

Acq: 14 Nov 2022 11:51

Instrument :

MSVOA\_D

ClientSampleId :

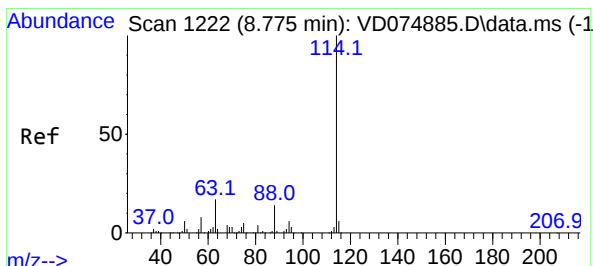
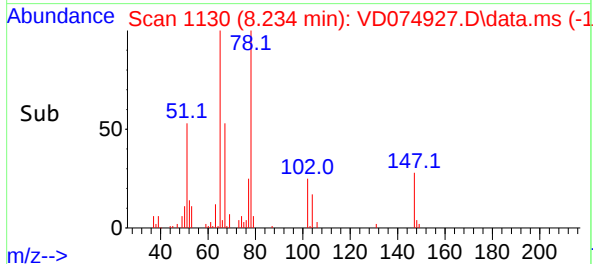
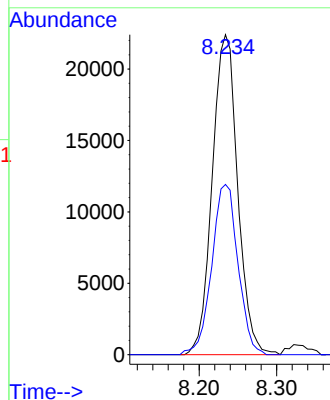
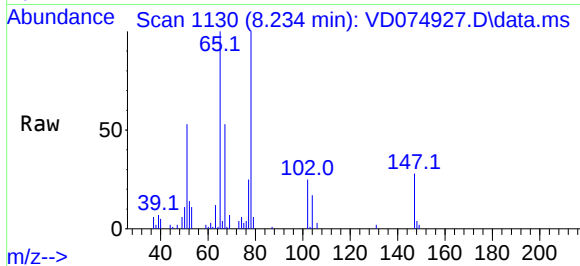
VD1114SBS01

Tgt Ion: 65 Resp: 51082

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074927.D

Acq: 14 Nov 2022 11:51

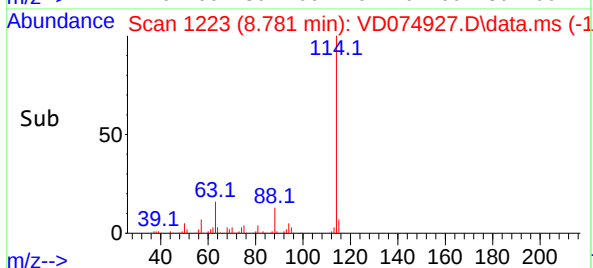
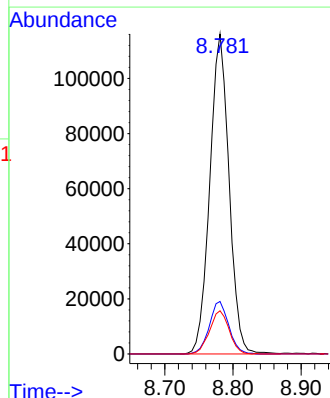
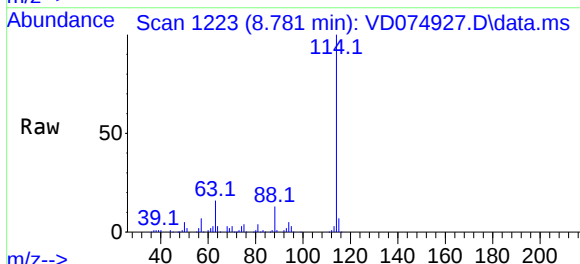
Tgt Ion: 114 Resp: 228040

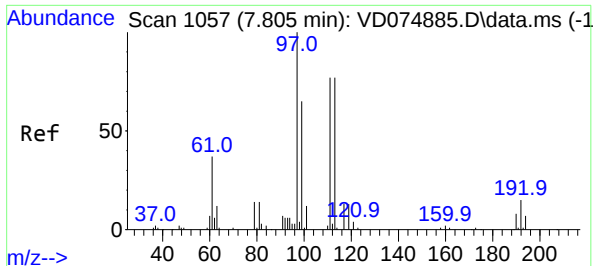
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 13.5 0.0 28.2

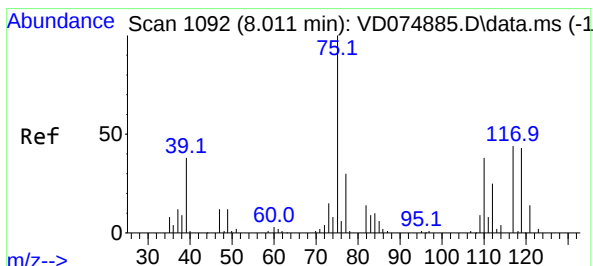
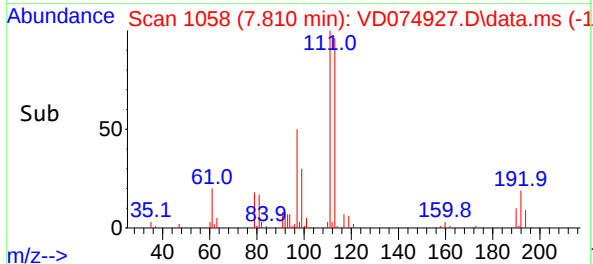
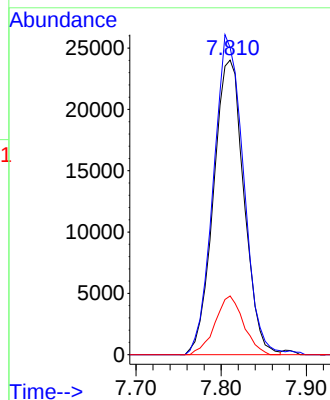
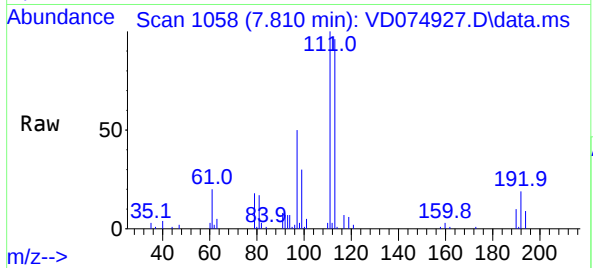




#35  
Dibromofluoromethane  
Concen: 42.436 ug/l  
RT: 7.810 min Scan# 1057  
Delta R.T. 0.005 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

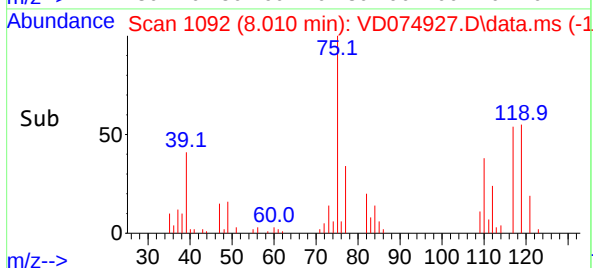
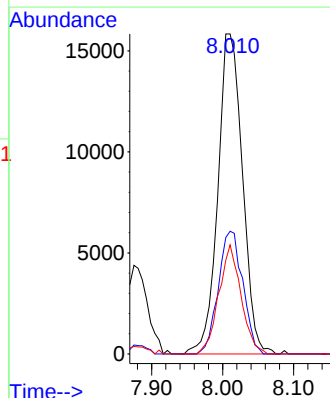
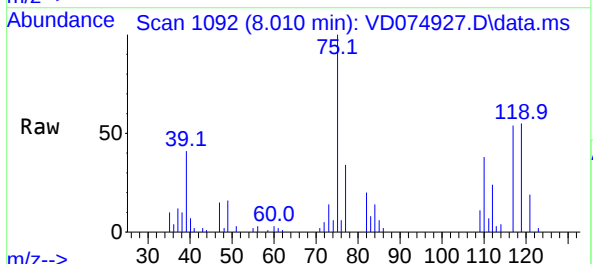
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

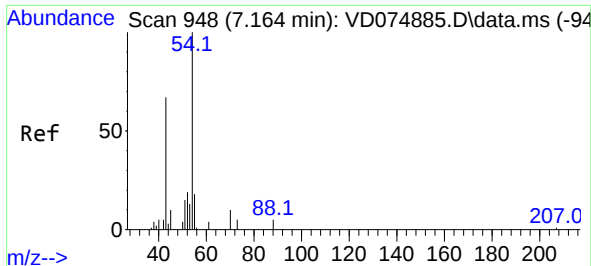
Tgt Ion:113 Resp: 59652  
Ion Ratio Lower Upper  
113 100  
111 107.5 82.3 123.5  
192 18.6 16.4 24.6



#36  
1,1-Dichloropropene  
Concen: 18.449 ug/l  
RT: 8.010 min Scan# 1092  
Delta R.T. -0.001 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 75 Resp: 38115  
Ion Ratio Lower Upper  
75 100  
110 38.1 19.7 59.0  
77 30.8 25.4 38.2

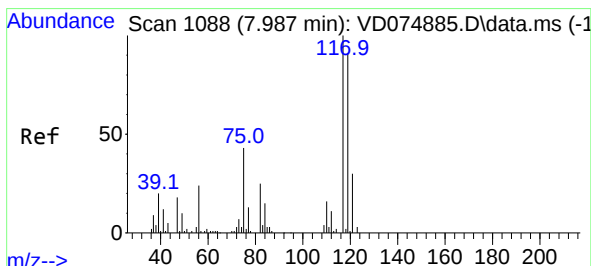
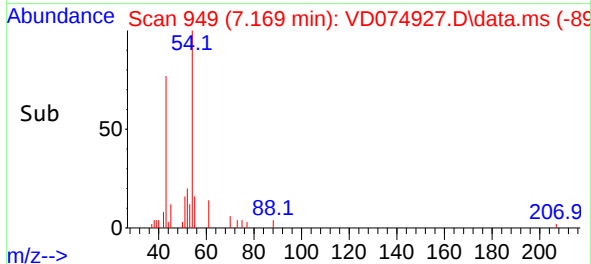
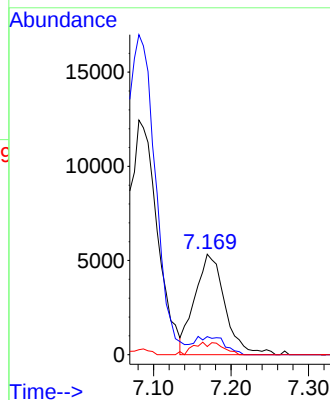
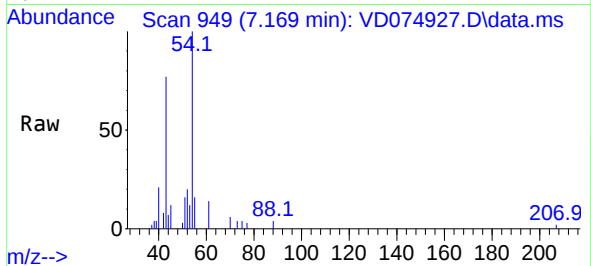




#37  
Ethyl Acetate  
Concen: 20.772 ug/l  
RT: 7.169 min Scan# 948  
Delta R.T. 0.005 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

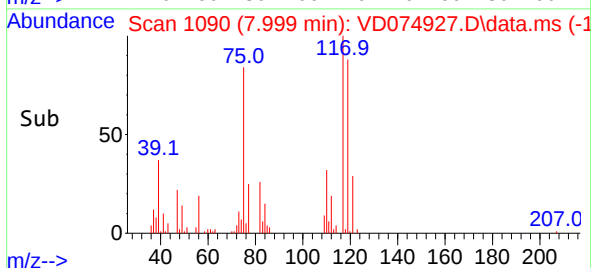
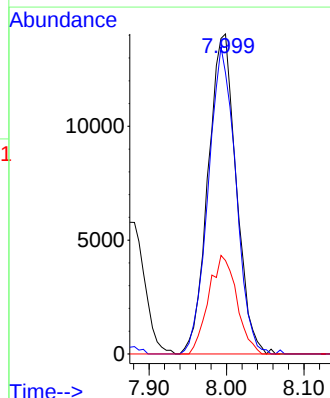
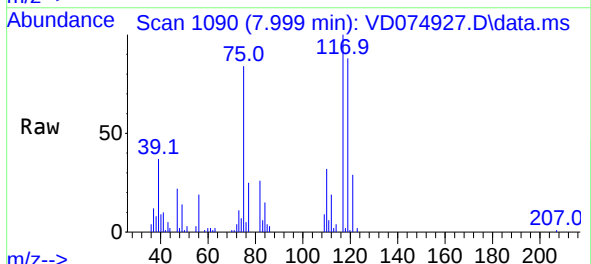
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

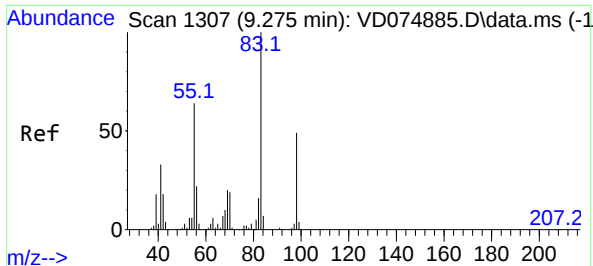
Tgt Ion: 43 Resp: 14400  
Ion Ratio Lower Upper  
43 100  
61 17.4 12.2 18.4  
70 6.2 9.6 14.4#



#38  
Carbon Tetrachloride  
Concen: 18.275 ug/l  
RT: 7.999 min Scan# 1090  
Delta R.T. 0.012 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 117 Resp: 35538  
Ion Ratio Lower Upper  
117 100  
119 87.8 73.1 109.7  
121 29.2 25.0 37.6





#39

Methylcyclohexane

Concen: 19.673 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD074927.D

Acq: 14 Nov 2022 11:51

Instrument :

MSVOA\_D

ClientSampleId :

VD1114SBS01

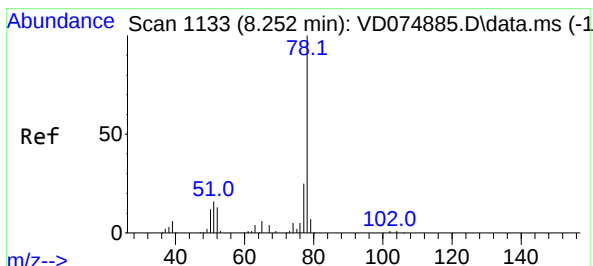
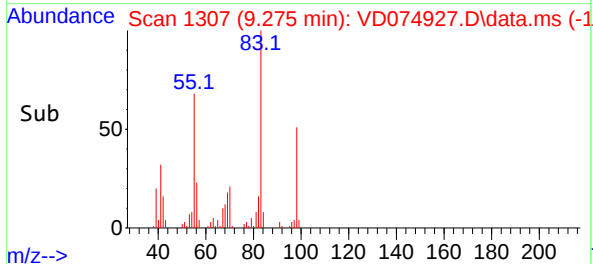
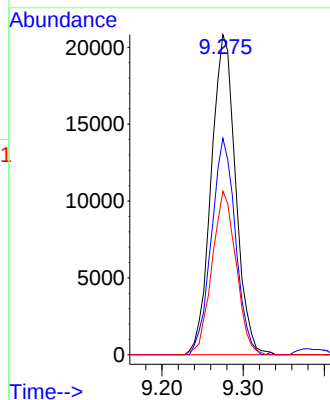
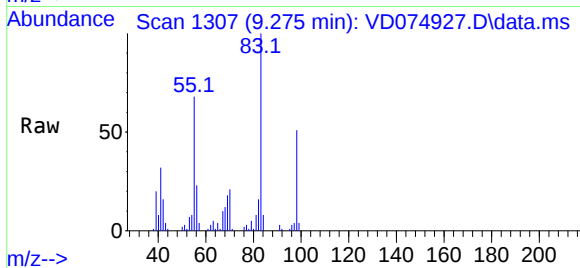
Tgt Ion: 83 Resp: 43541

Ion Ratio Lower Upper

83 100

55 67.6 49.0 73.4

98 51.0 41.7 62.5



#40

Benzene

Concen: 19.431 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074927.D

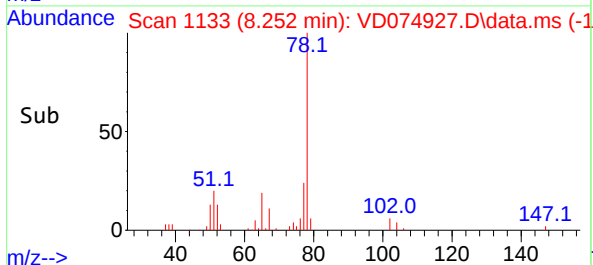
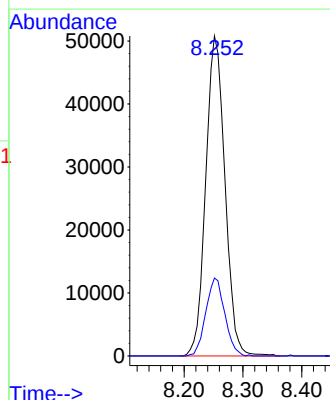
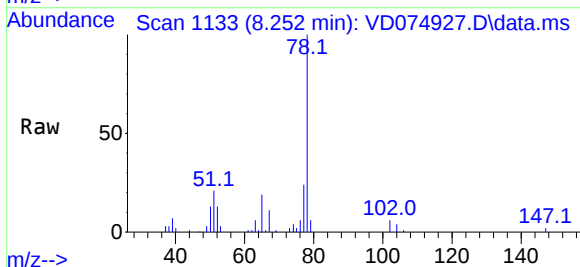
Acq: 14 Nov 2022 11:51

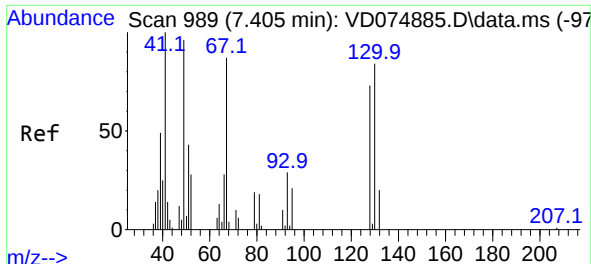
Tgt Ion: 78 Resp: 115428

Ion Ratio Lower Upper

78 100

77 24.3 20.1 30.1



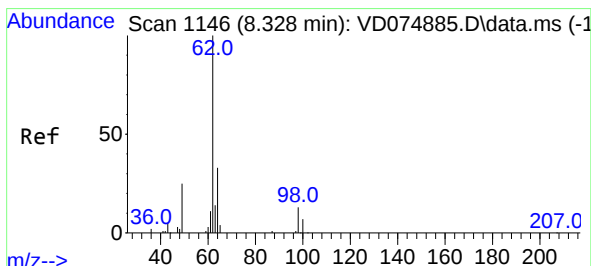
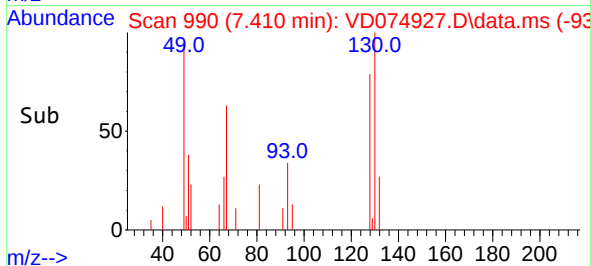
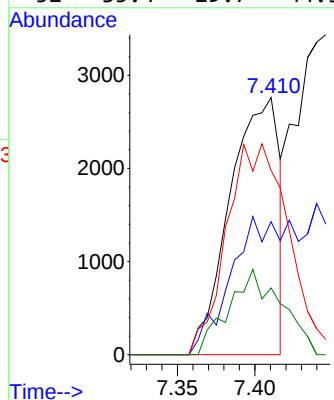
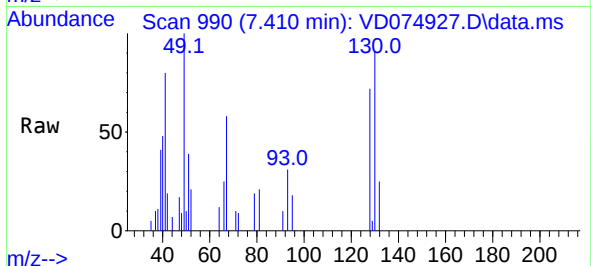


#41  
Methacrylonitrile  
Concen: 16.672 ug/l  
RT: 7.410 min Scan# 989  
Delta R.T. 0.005 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

Tgt Ion: 41 Resp: 6130

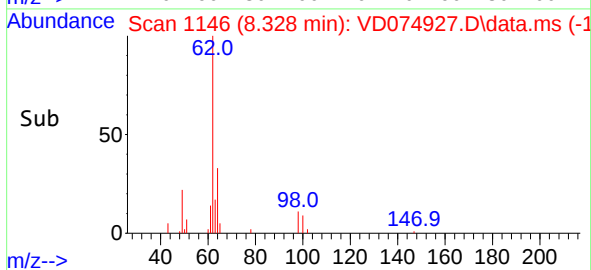
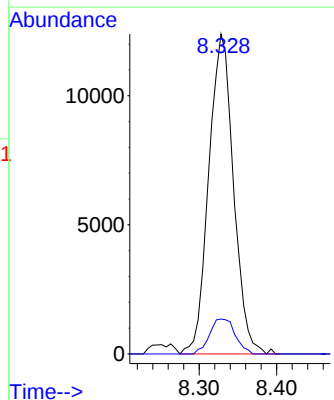
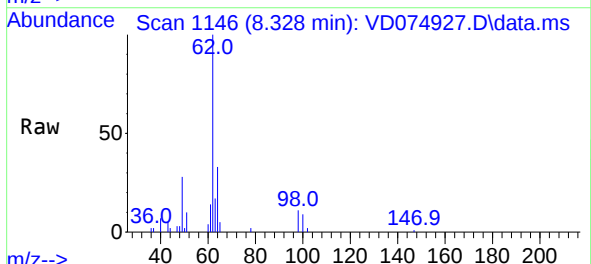
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 37.0  | 35.0  | 52.6  |
| 67  | 101.8 | 77.0  | 115.6 |
| 52  | 35.4  | 29.7  | 44.5  |

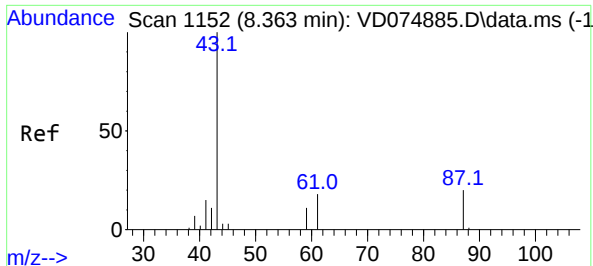


#42  
1,2-Dichloroethane  
Concen: 19.355 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 62 Resp: 27516

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 11.3  | 0.0   | 24.2  |

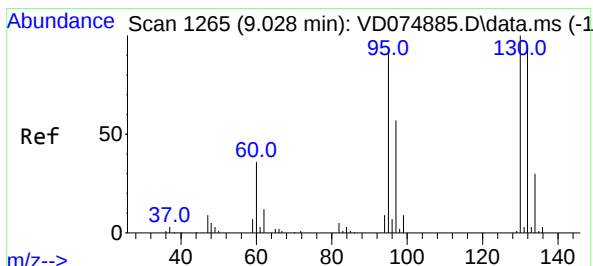
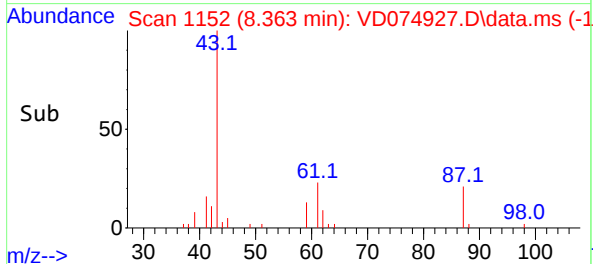
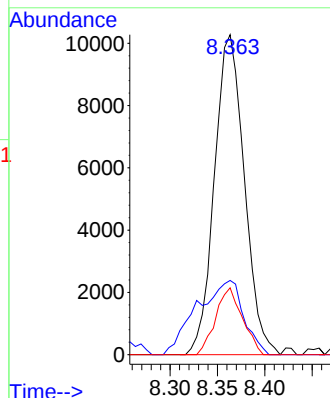
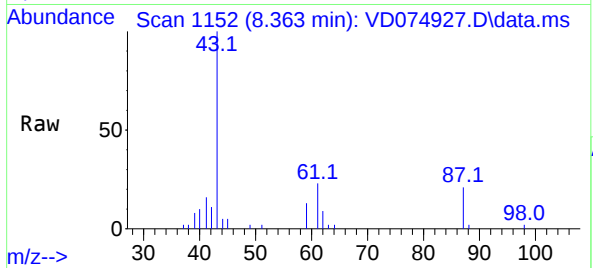




#43  
Isopropyl Acetate  
Concen: 18.497 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. 0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

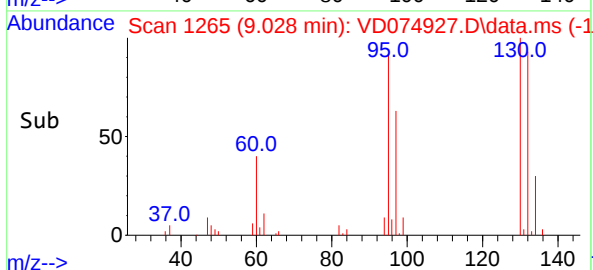
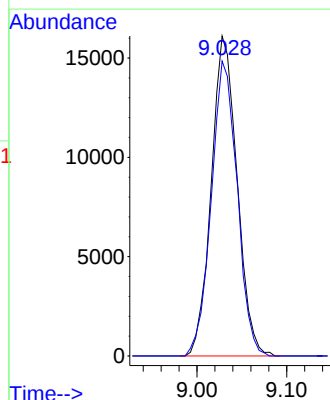
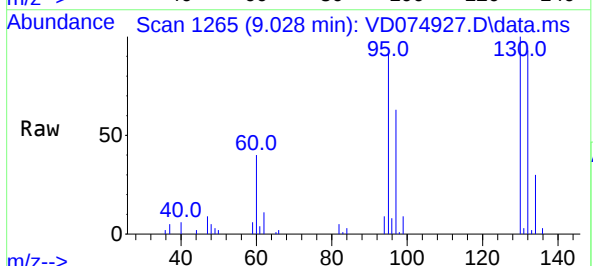
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

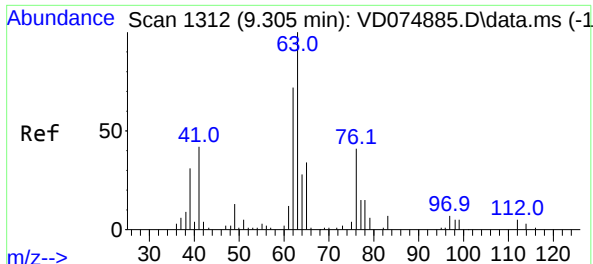
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 22585 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 36.2  | 30.9  | 46.3  |
| 87       | 18.7  | 14.3  | 21.5  |



#44  
Trichloroethene  
Concen: 20.495 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 32165 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 92.1  | 0.0   | 185.4 |

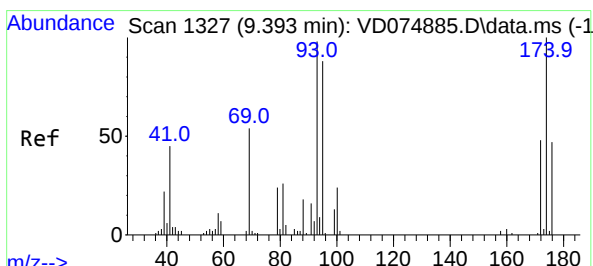
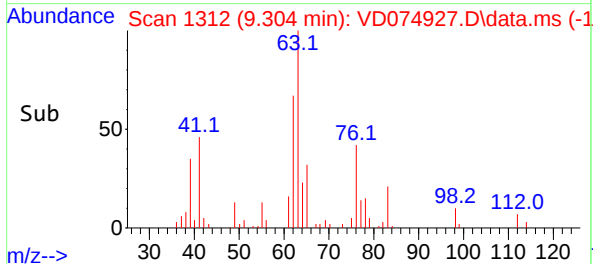
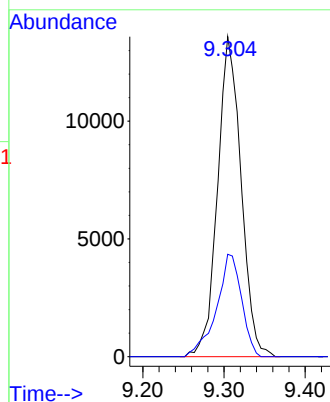
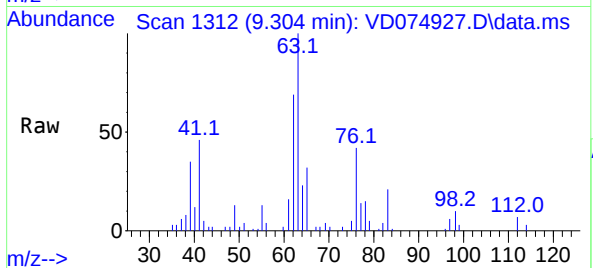




#45  
1,2-Dichloropropane  
Concen: 20.513 ug/l  
RT: 9.304 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

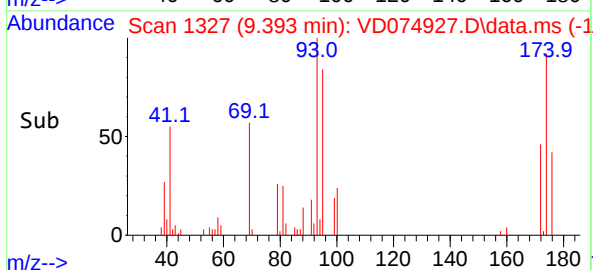
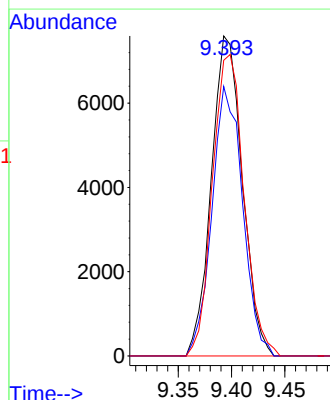
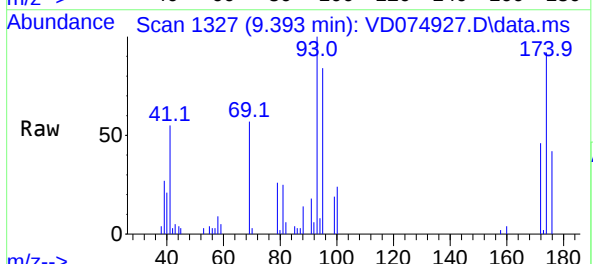
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

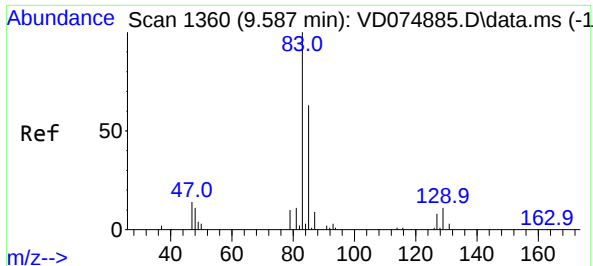
Tgt Ion: 63 Resp: 27380  
Ion Ratio Lower Upper  
63 100  
65 32.0 23.1 34.7



#46  
Dibromomethane  
Concen: 20.535 ug/l  
RT: 9.393 min Scan# 1327  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 93 Resp: 15350  
Ion Ratio Lower Upper  
93 100  
95 83.2 68.2 102.2  
174 95.9 87.4 131.0



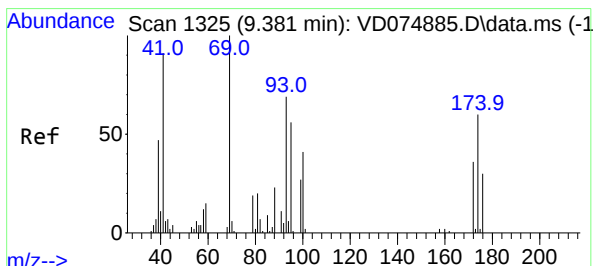
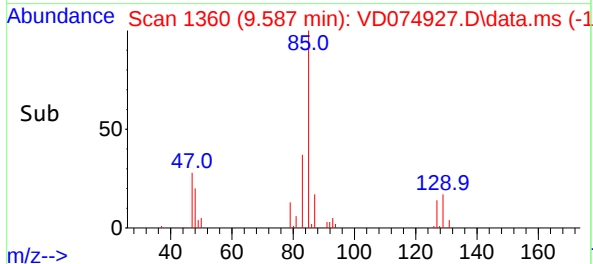
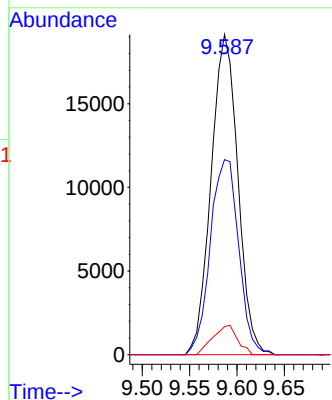
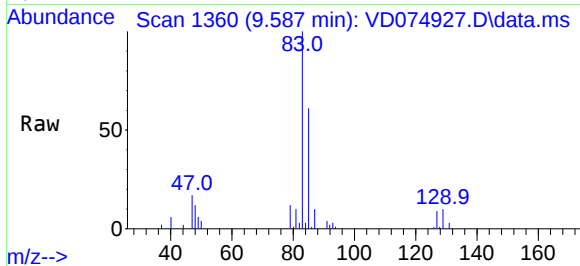


#47  
Bromodichloromethane  
Concen: 20.307 ug/l  
RT: 9.587 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

Tgt Ion: 83 Resp: 37674

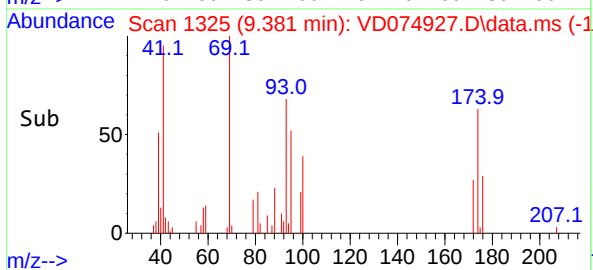
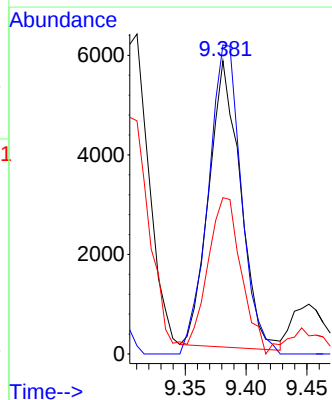
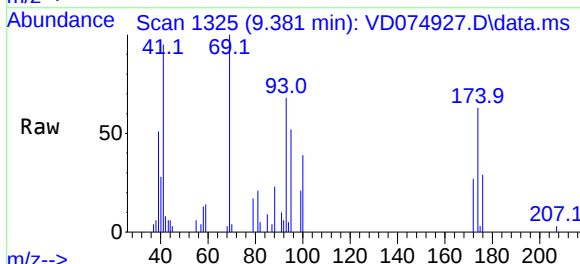
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 61.0  | 48.8  | 73.2  |
| 127 | 8.8   | 6.7   | 10.1  |

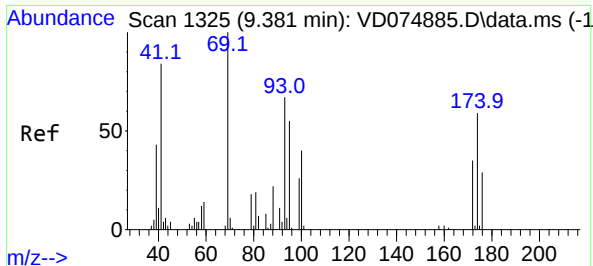


#48  
Methyl methacrylate  
Concen: 19.195 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 41 Resp: 10382

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 113.1 | 93.0  | 139.4 |
| 39  | 59.1  | 44.6  | 66.8  |

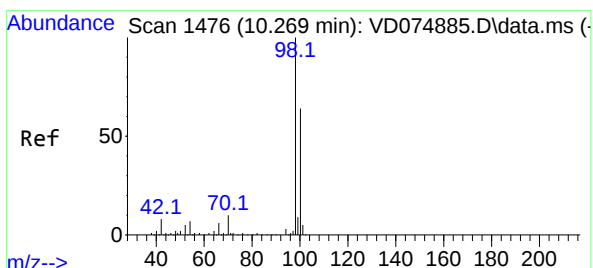
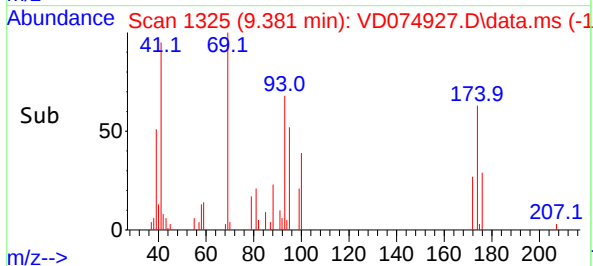
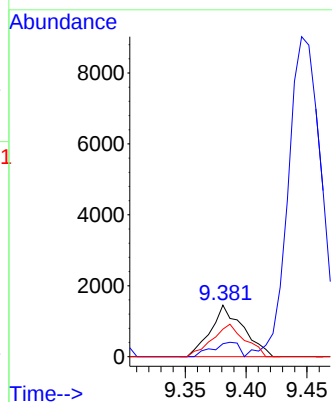
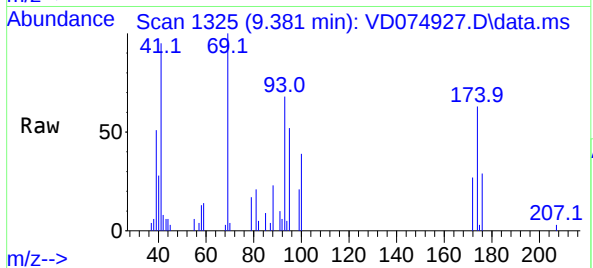




#49  
1,4-Dioxane  
Concen: 367.682 ug/l  
RT: 9.381 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

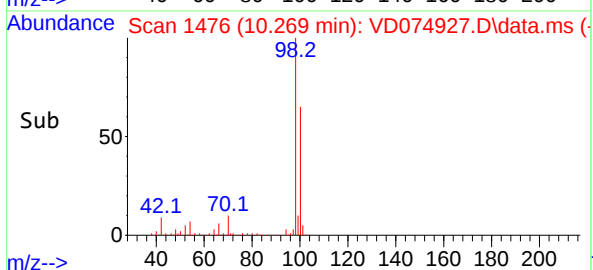
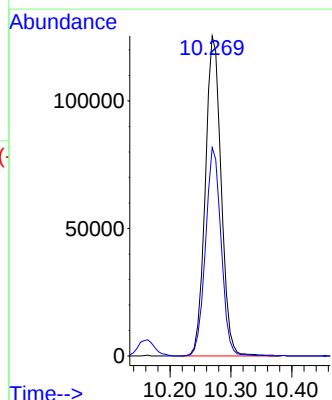
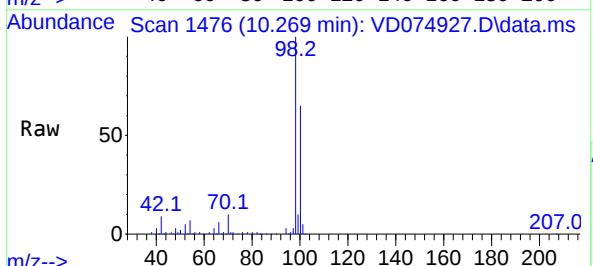
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

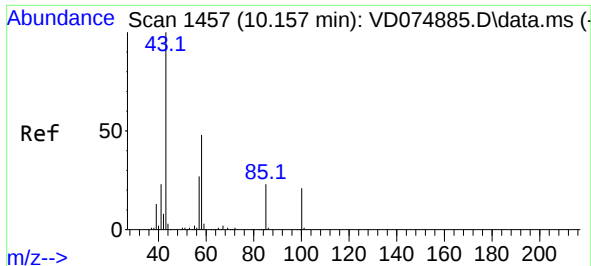
Tgt Ion: 88 Resp: 2697  
Ion Ratio Lower Upper  
88 100  
43 22.7 24.1 36.1#  
58 62.9 43.1 64.7



#50  
Toluene-d8  
Concen: 48.975 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 98 Resp: 226777  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.4 77.0

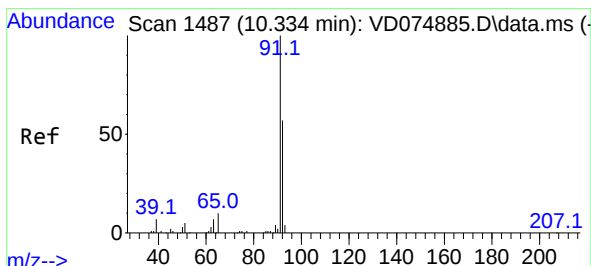
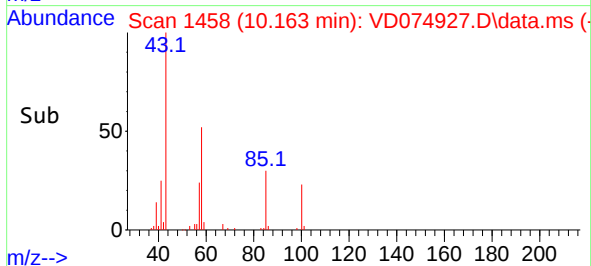
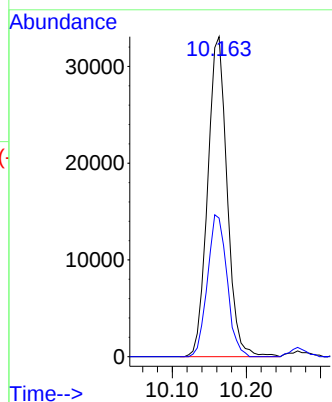
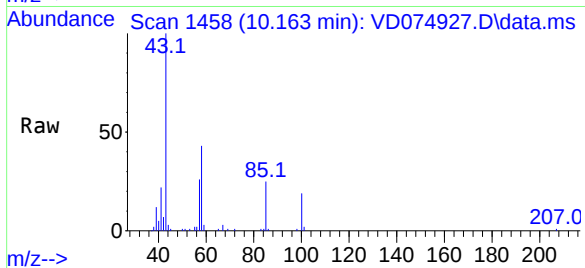




#51  
4-Methyl-2-Pentanone  
Concen: 103.454 ug/l  
RT: 10.163 min Scan# 1458  
Delta R.T. 0.006 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

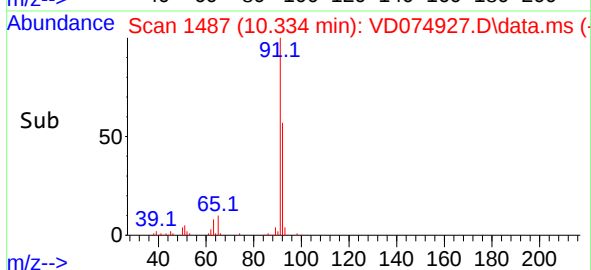
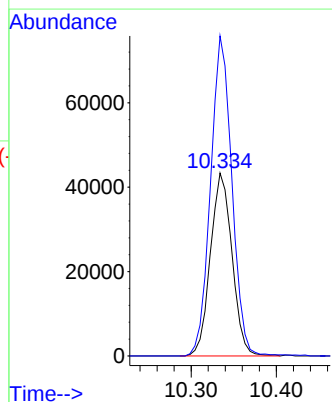
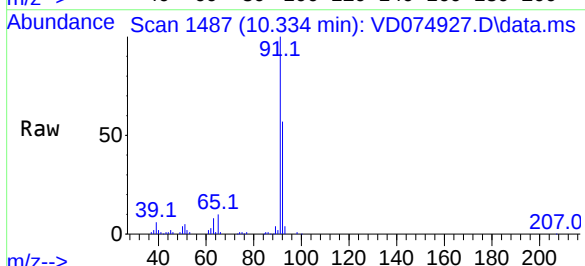
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

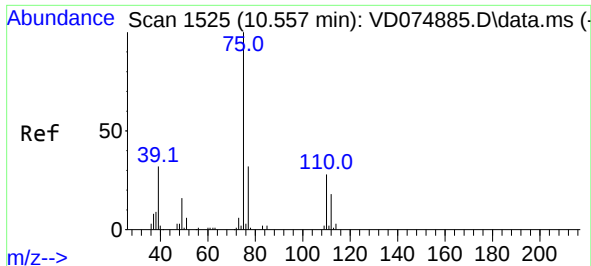
Tgt Ion: 43 Resp: 60218  
Ion Ratio Lower Upper  
43 100  
58 44.5 37.8 56.6



#52  
Toluene  
Concen: 21.529 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 92 Resp: 76468  
Ion Ratio Lower Upper  
92 100  
91 172.9 139.0 208.4

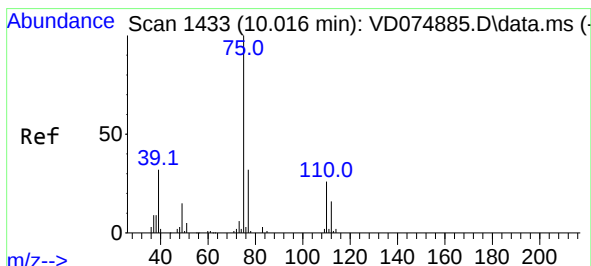
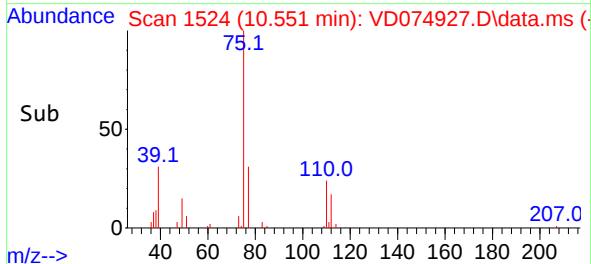
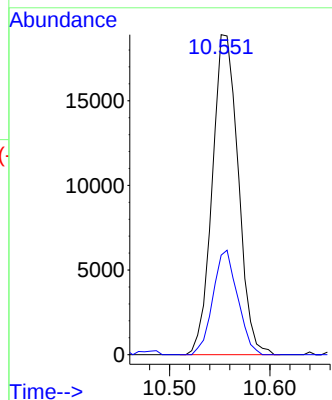
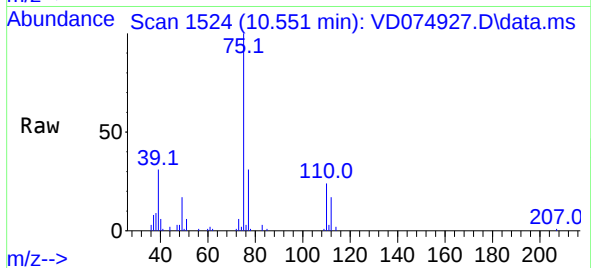




#53  
 t-1,3-Dichloropropene  
 Concen: 20.744 ug/l  
 RT: 10.551 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VD074927.D  
 Acq: 14 Nov 2022 11:51

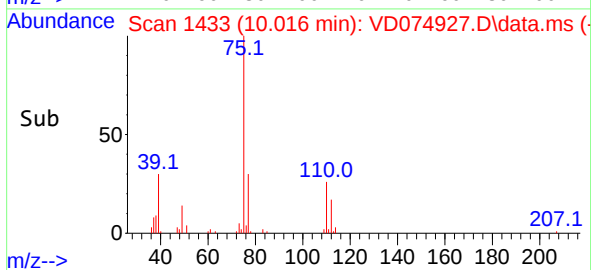
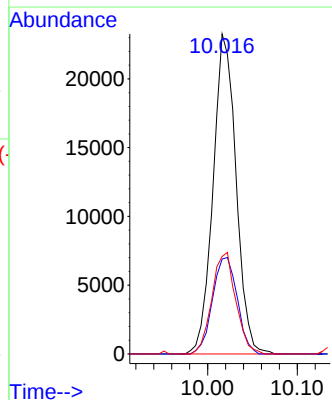
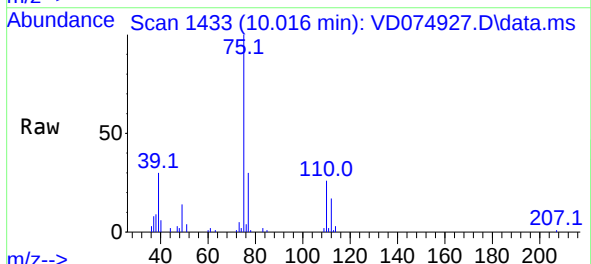
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1114SBS01

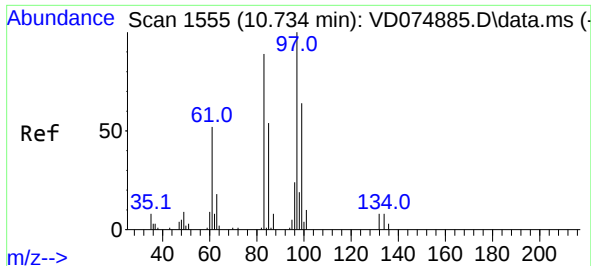
Tgt Ion: 75 Resp: 33997  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.576 ug/l  
 RT: 10.016 min Scan# 1433  
 Delta R.T. 0.000 min  
 Lab File: VD074927.D  
 Acq: 14 Nov 2022 11:51

Tgt Ion: 75 Resp: 41354  
 Ion Ratio Lower Upper  
 75 100  
 77 29.6 24.7 37.1  
 39 30.5 25.4 38.2

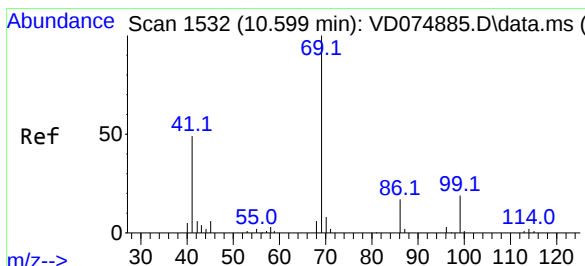
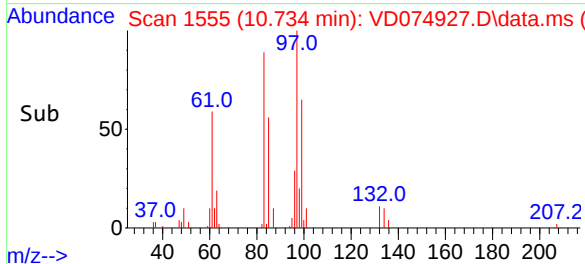
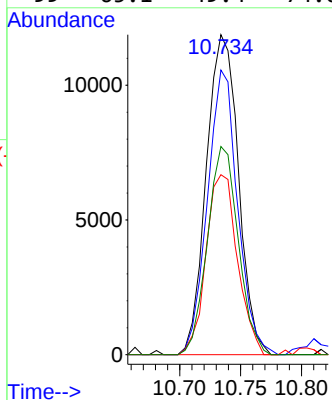
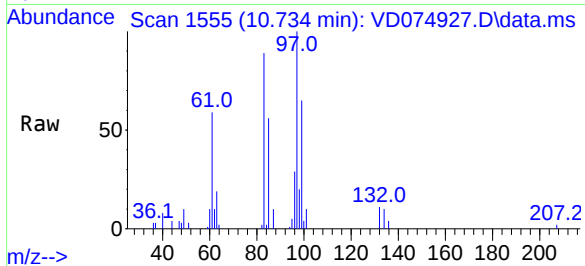




#55  
1,1,2-Trichloroethane  
Concen: 20.962 ug/l  
RT: 10.734 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

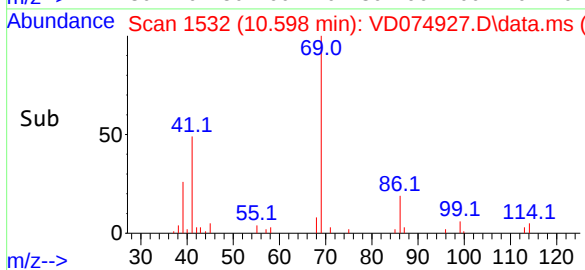
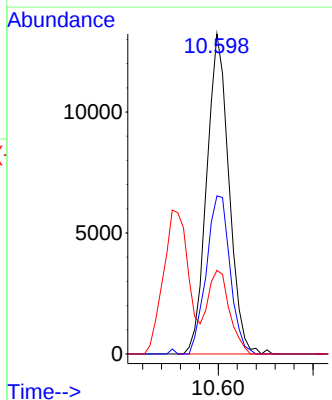
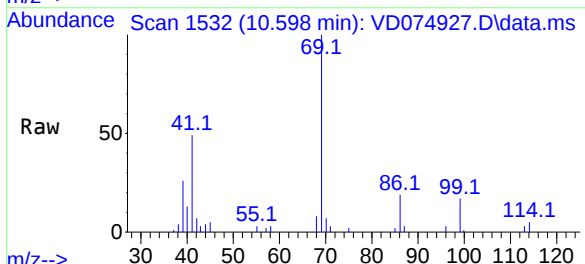
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

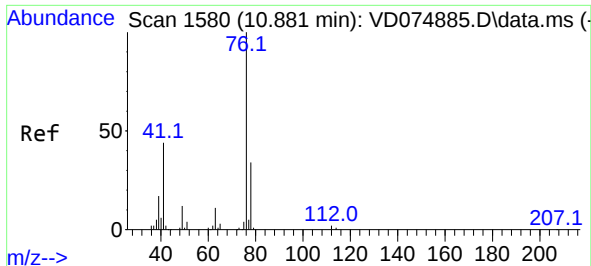
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 21788 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.0  | 64.8  | 97.2  |
| 85       | 56.2  | 44.8  | 67.2  |
| 99       | 65.1  | 49.4  | 74.0  |



#56  
Ethyl methacrylate  
Concen: 18.958 ug/l  
RT: 10.598 min Scan# 1532  
Delta R.T. -0.001 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 21533 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 52.7  | 38.6  | 58.0  |
| 39       | 25.5  | 19.9  | 29.9  |





#57

1,3-Dichloropropane

Concen: 20.805 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074927.D

Acq: 14 Nov 2022 11:51

Instrument :

MSVOA\_D

ClientSampleId :

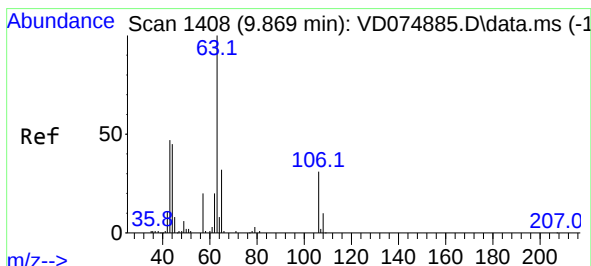
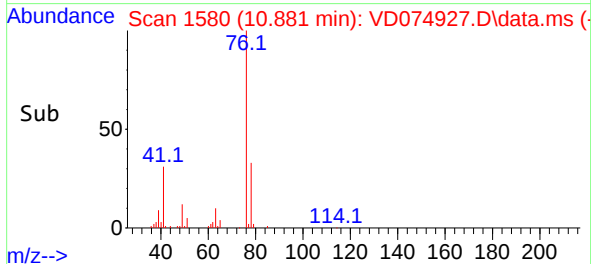
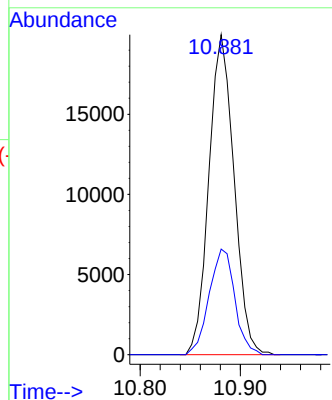
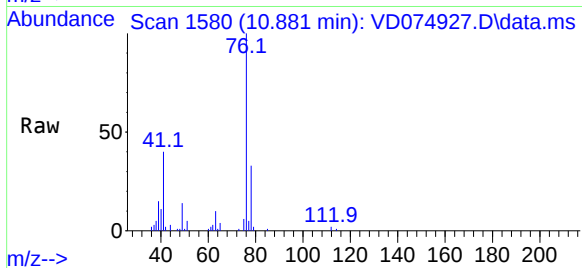
VD1114SBS01

Tgt Ion: 76 Resp: 34766

Ion Ratio Lower Upper

76 100

78 33.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 108.409 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD074927.D

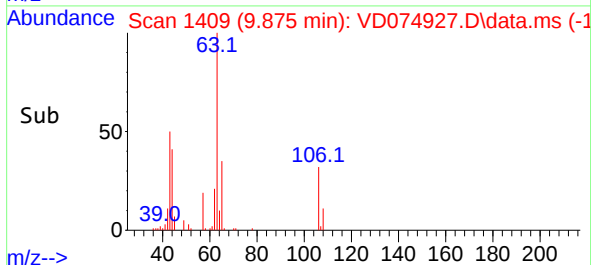
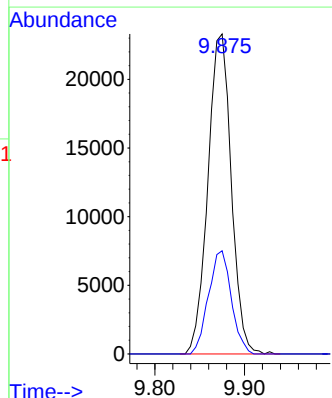
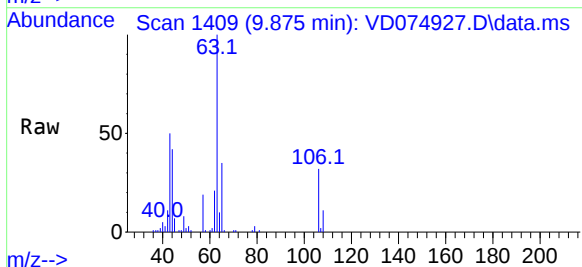
Acq: 14 Nov 2022 11:51

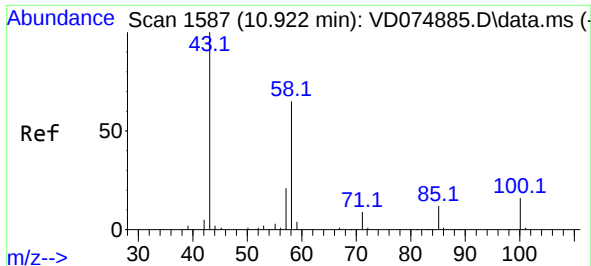
Tgt Ion: 63 Resp: 42153

Ion Ratio Lower Upper

63 100

106 31.5 26.5 39.7

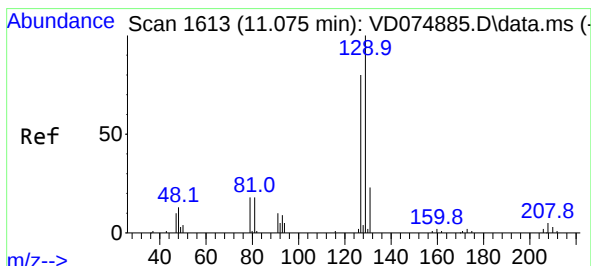
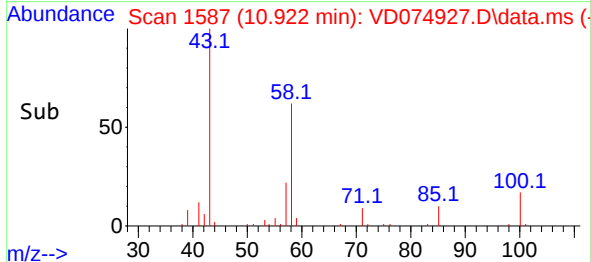
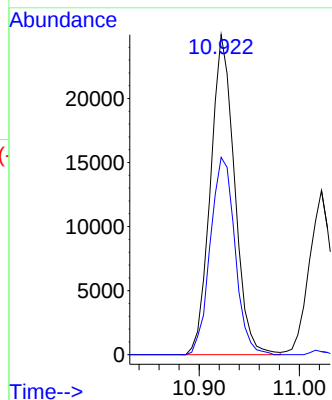
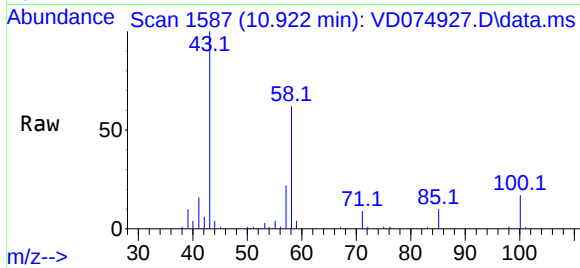




#59  
2-Hexanone  
Concen: 102.461 ug/l  
RT: 10.922 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

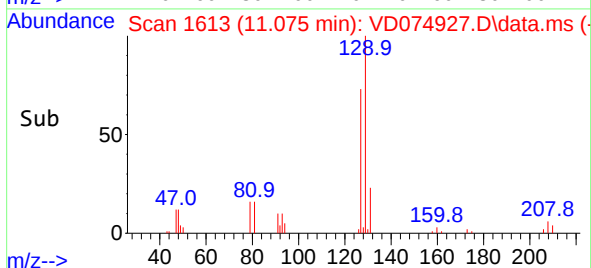
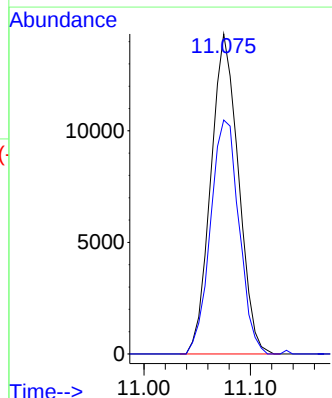
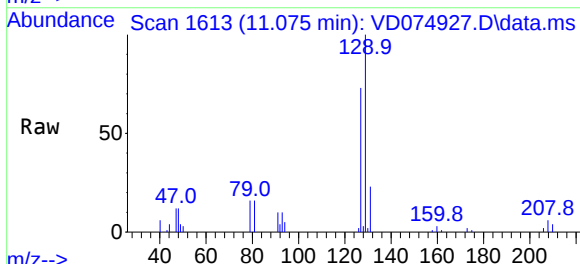
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MSVOA\_D  
ClientSampleId :  
VD1114SBS01

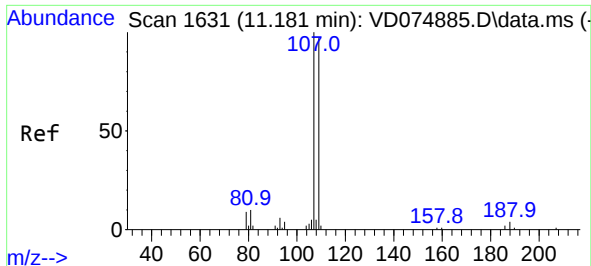
Tgt Ion: 43 Resp: 41576  
Ion Ratio Lower Upper  
43 100  
58 63.4 32.0 96.2



#60  
Dibromochloromethane  
Concen: 20.922 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 129 Resp: 25798  
Ion Ratio Lower Upper  
129 100  
127 75.6 39.1 117.2

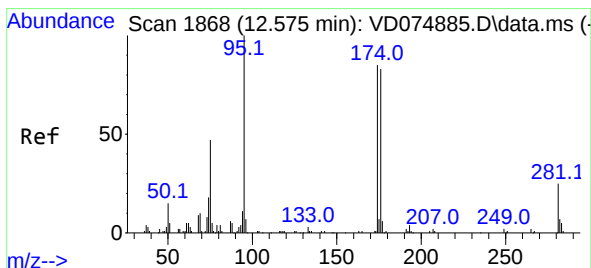
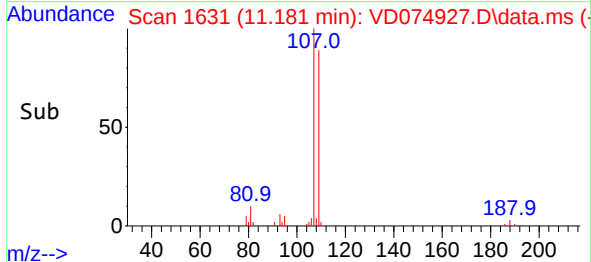
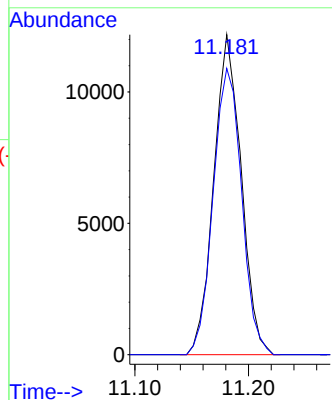
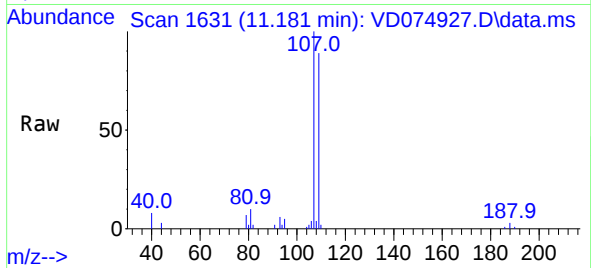




#61  
1,2-Dibromoethane  
Concen: 20.997 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

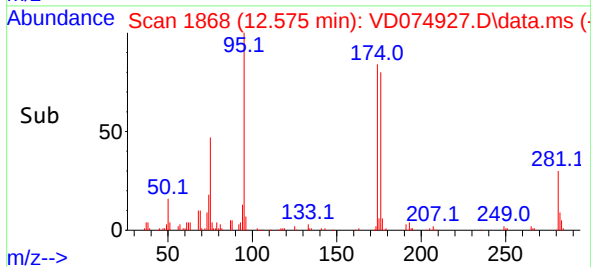
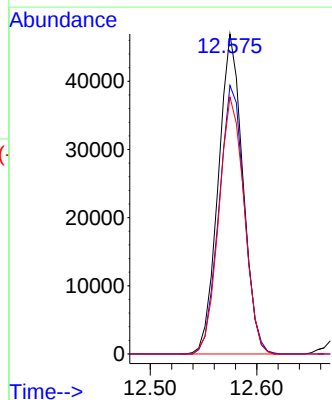
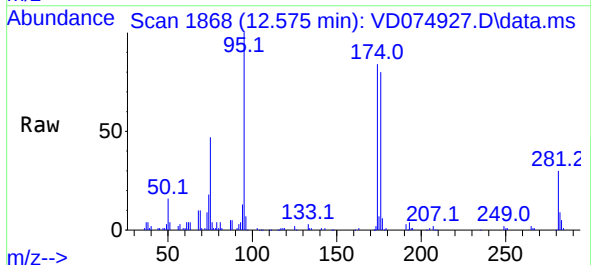
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MSVOA\_D  
ClientSampleId :  
VD1114SBS01

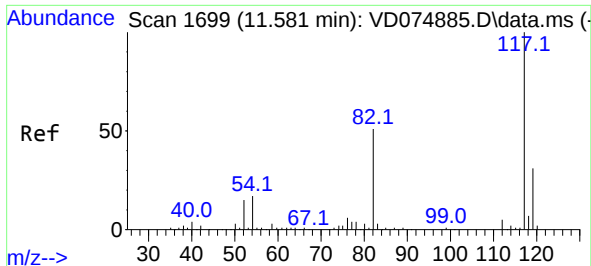
Tgt Ion:107 Resp: 20411  
Ion Ratio Lower Upper  
107 100  
109 93.1 74.6 111.8



#62  
4-Bromofluorobenzene  
Concen: 52.709 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 95 Resp: 74945  
Ion Ratio Lower Upper  
95 100  
174 86.5 0.0 197.0  
176 82.9 0.0 182.6

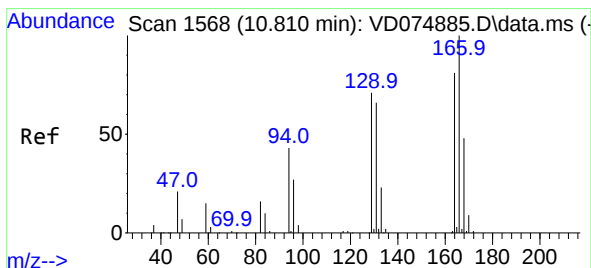
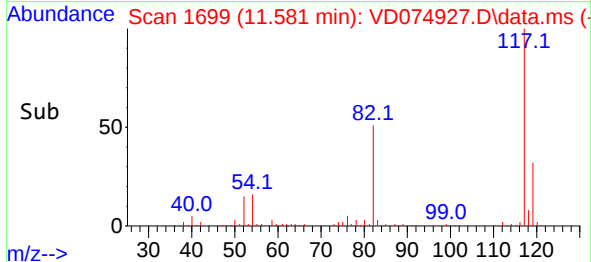
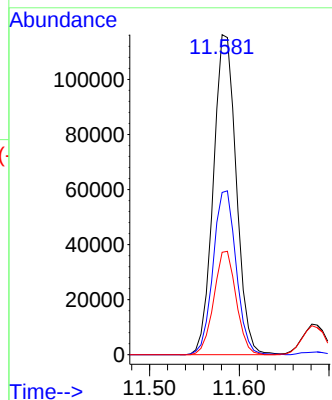
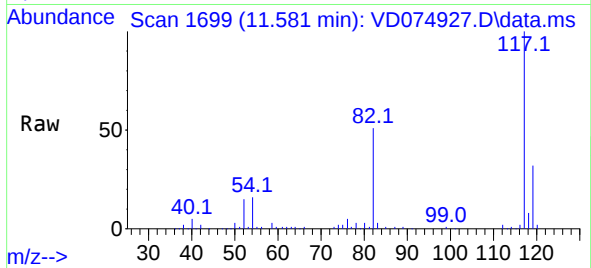




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

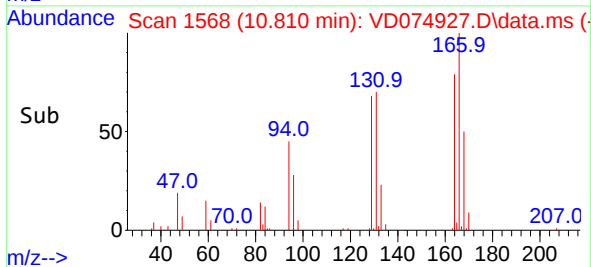
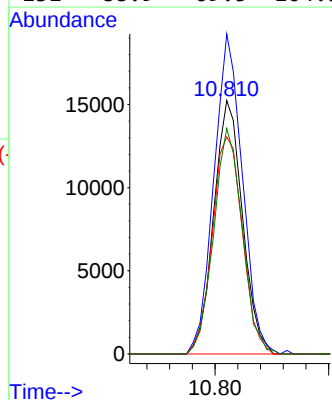
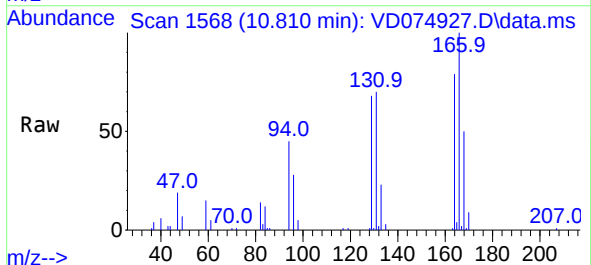
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

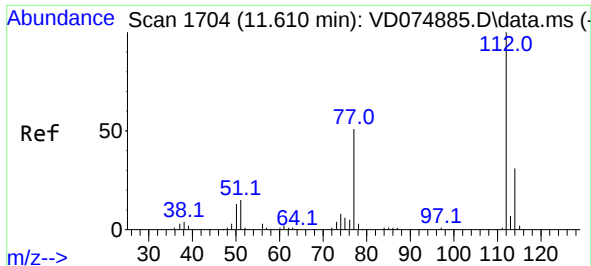
Tgt Ion:117 Resp: 206247  
Ion Ratio Lower Upper  
117 100  
82 50.7 41.6 62.4  
119 32.0 25.2 37.8



#64  
Tetrachloroethene  
Concen: 19.372 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion:164 Resp: 26788  
Ion Ratio Lower Upper  
164 100  
166 126.3 107.8 161.8  
129 85.6 77.4 116.2  
131 88.9 69.5 104.3

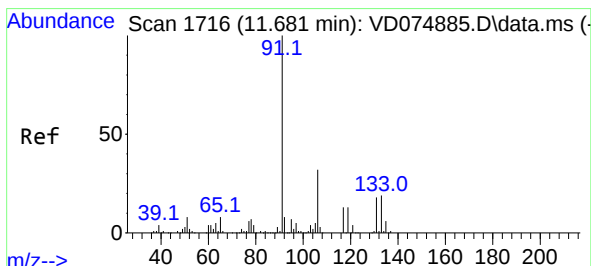
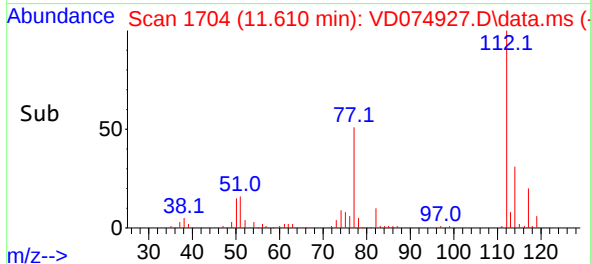
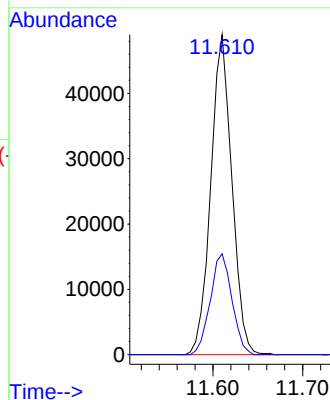
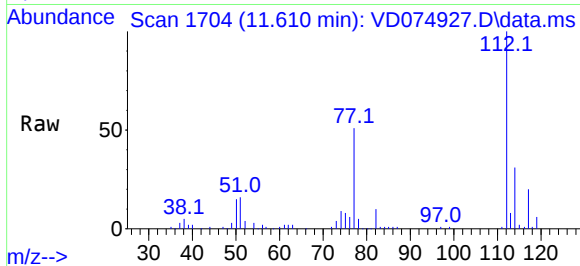




#65  
Chlorobenzene  
Concen: 19.828 ug/l  
RT: 11.610 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

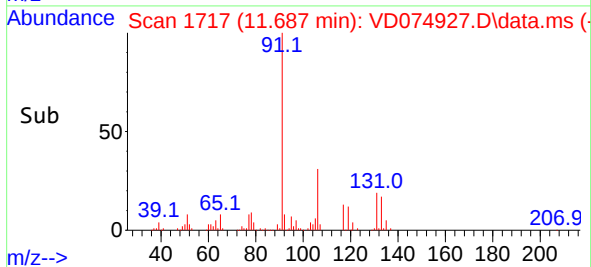
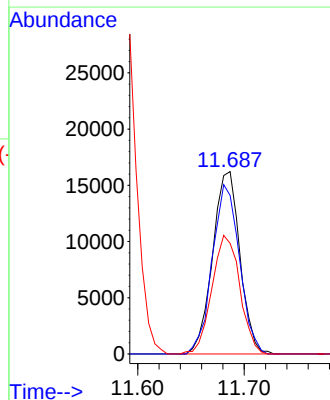
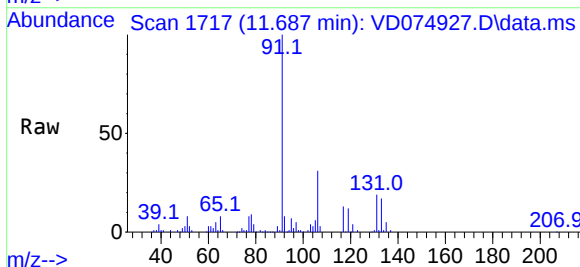
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MSVOA\_D  
ClientSampleId :  
VD1114SBS01

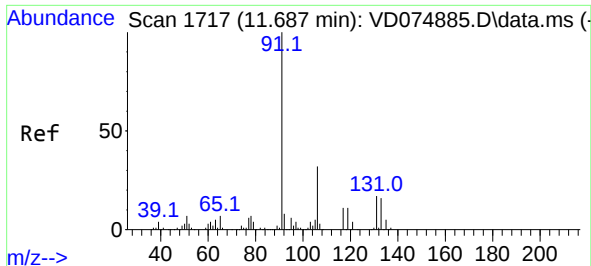
Tgt Ion:112 Resp: 80000  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.420 ug/l  
RT: 11.687 min Scan# 1717  
Delta R.T. 0.006 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion:131 Resp: 28867  
Ion Ratio Lower Upper  
131 100  
133 92.5 46.6 139.8  
119 66.4 32.5 97.4

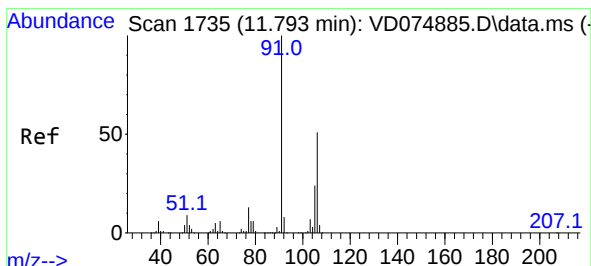
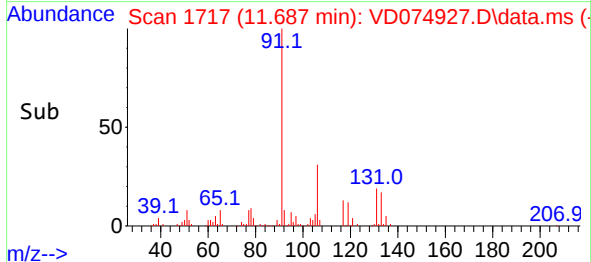
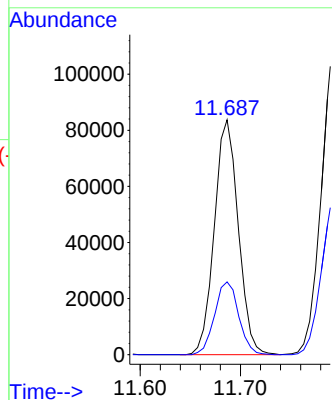
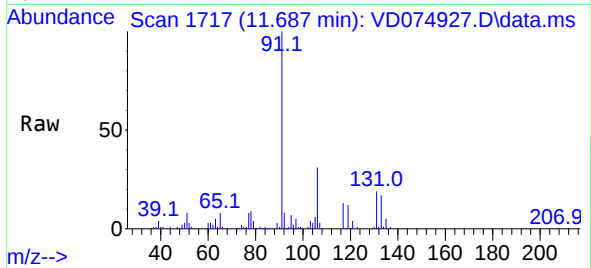




#67  
Ethyl Benzene  
Concen: 19.731 ug/l  
RT: 11.687 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

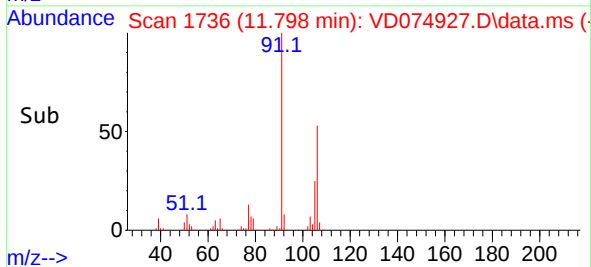
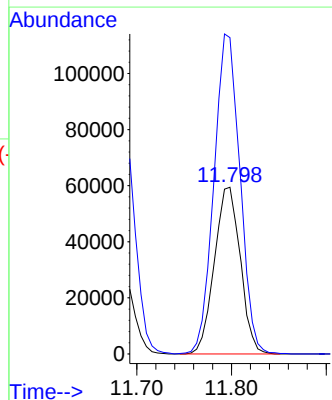
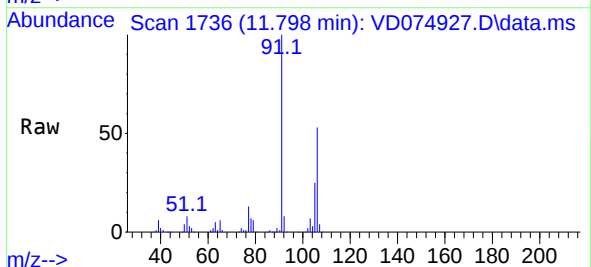
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

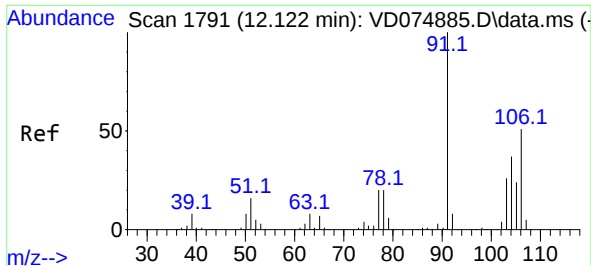
Tgt Ion: 91 Resp: 138693  
Ion Ratio Lower Upper  
91 100  
106 31.0 26.6 40.0



#68  
m/p-Xylenes  
Concen: 40.312 ug/l  
RT: 11.798 min Scan# 1736  
Delta R.T. 0.005 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion:106 Resp: 112981  
Ion Ratio Lower Upper  
106 100  
91 192.8 156.2 234.4

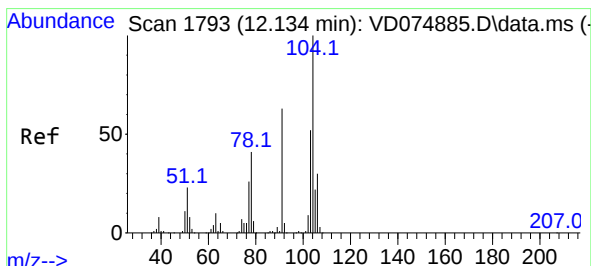
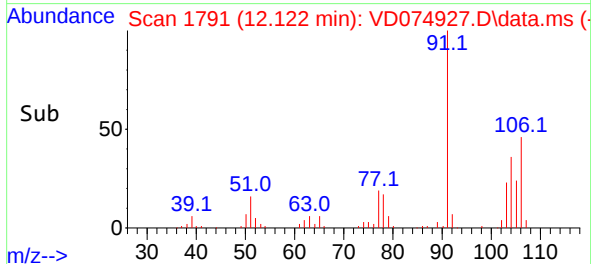
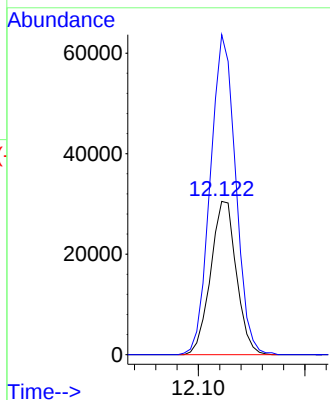
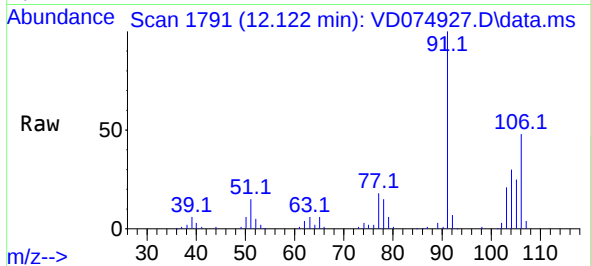




#69  
o-Xylene  
Concen: 19.838 ug/l  
RT: 12.122 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

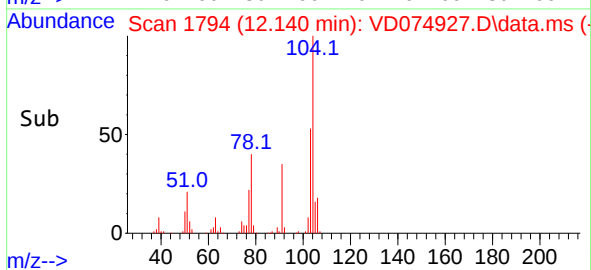
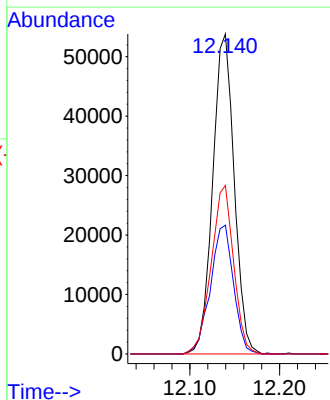
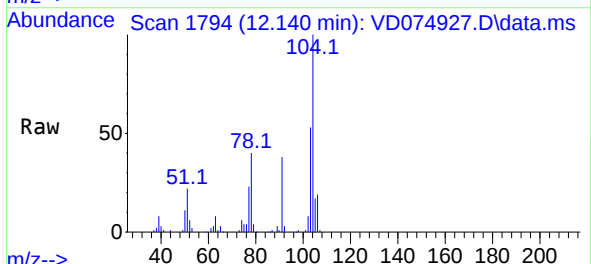
Instrument :  
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ClientSampleId :  
VD1114SBS01

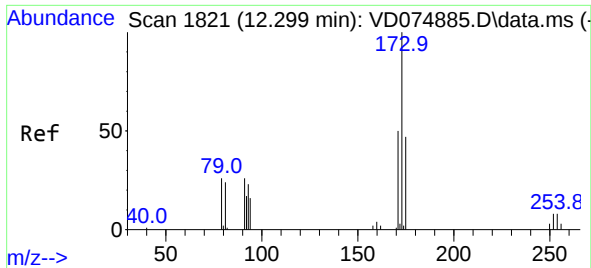
Tgt Ion:106 Resp: 51153  
Ion Ratio Lower Upper  
106 100  
91 205.3 104.5 313.3



#70  
Styrene  
Concen: 20.247 ug/l  
RT: 12.140 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion:104 Resp: 89492  
Ion Ratio Lower Upper  
104 100  
78 43.3 35.7 53.5  
103 55.0 43.7 65.5

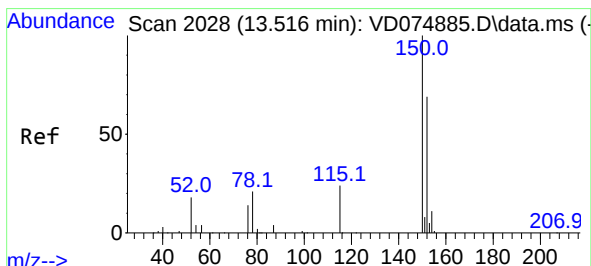
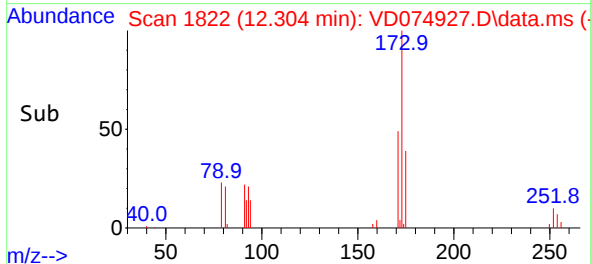
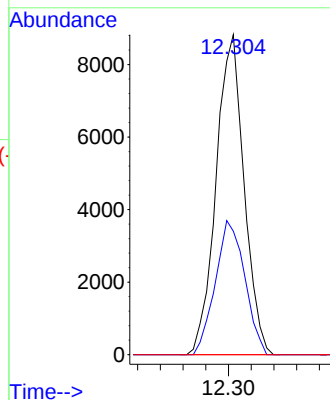
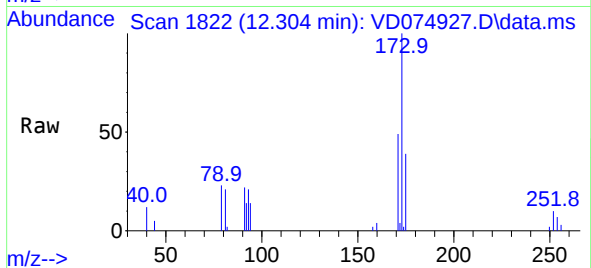




#71  
Bromoform  
Concen: 20.635 ug/l  
RT: 12.304 min Scan# 1822  
Delta R.T. 0.005 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

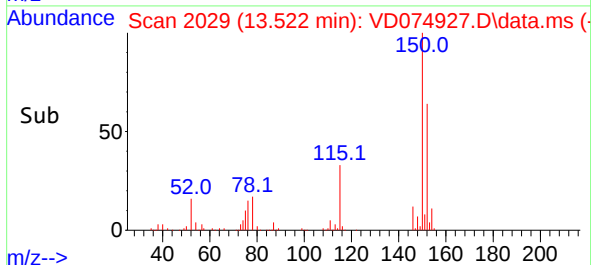
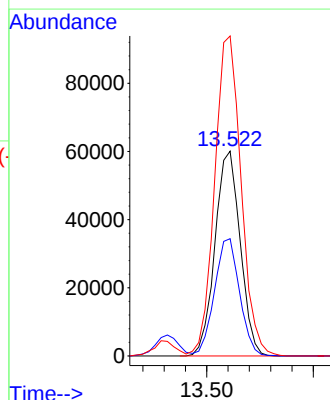
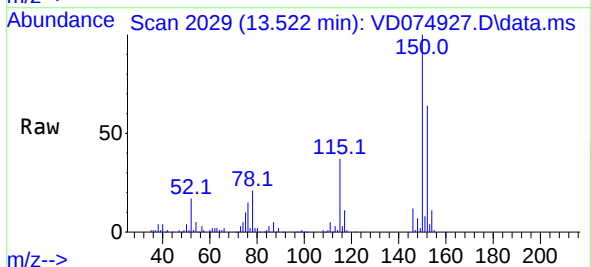
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MSVOA\_D  
ClientSampleId :  
VD1114SBS01

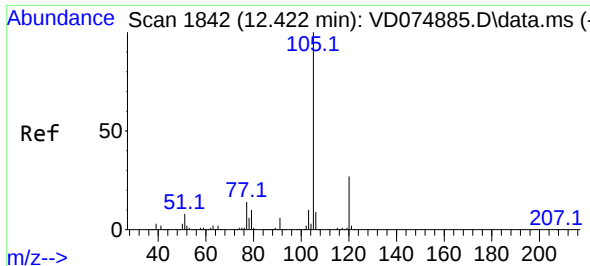
Tgt Ion:173 Resp: 15097  
Ion Ratio Lower Upper  
173 100  
175 44.0 23.1 69.3  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.522 min Scan# 2029  
Delta R.T. 0.006 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion:152 Resp: 98589  
Ion Ratio Lower Upper  
152 100  
115 57.1 26.8 80.4  
150 163.7 0.0 348.2

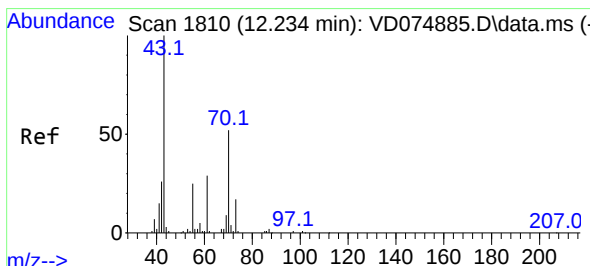
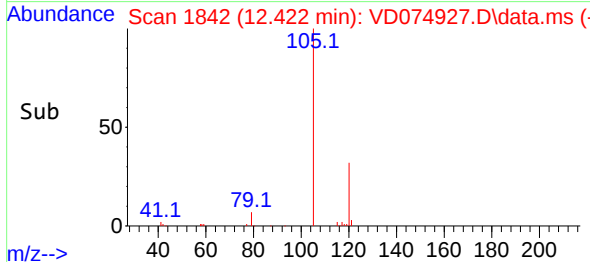
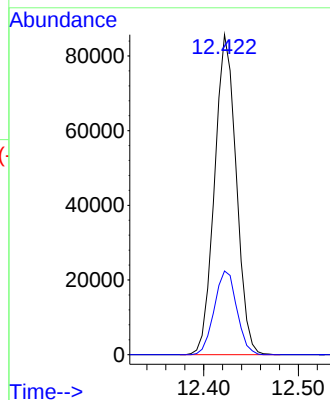
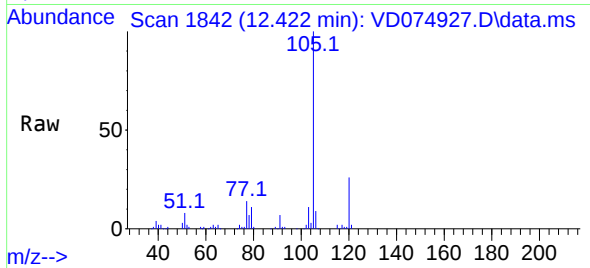




#73  
Isopropylbenzene  
Concen: 20.064 ug/l  
RT: 12.422 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

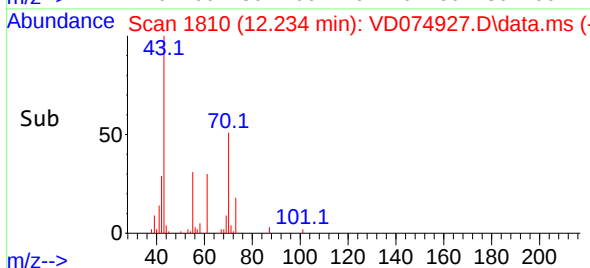
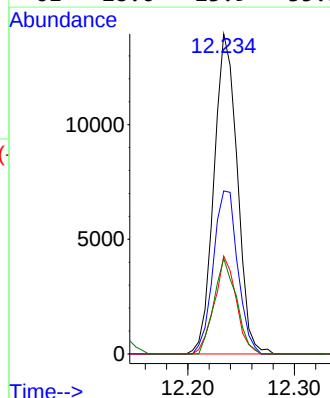
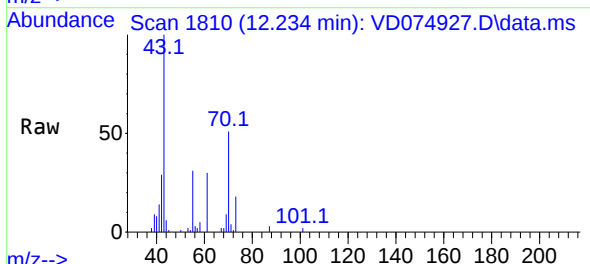
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

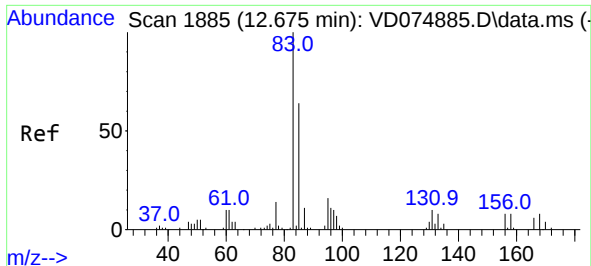
Tgt Ion:105 Resp: 136151  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.5 40.4



#74  
N-ethyl acetate  
Concen: 18.995 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 43 Resp: 21207  
Ion Ratio Lower Upper  
43 100  
70 53.4 43.8 65.6  
55 28.5 22.0 33.0  
61 28.6 23.9 35.9

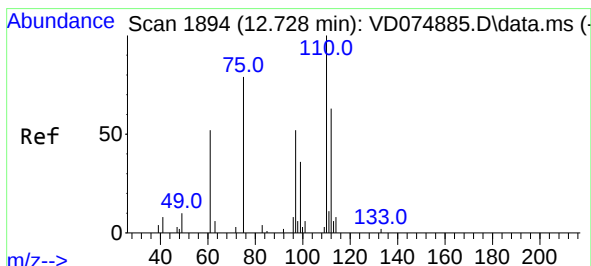
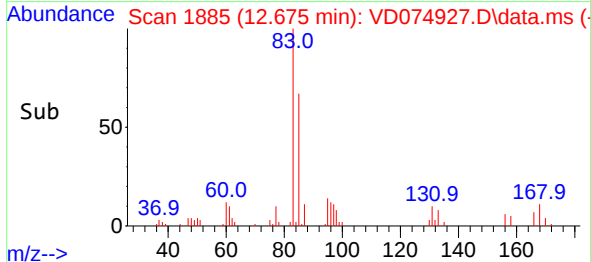
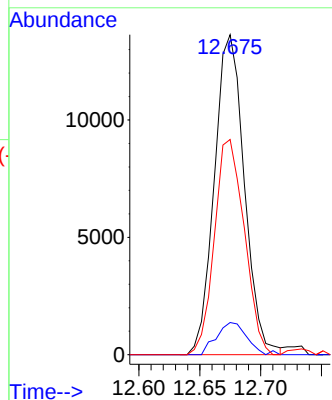
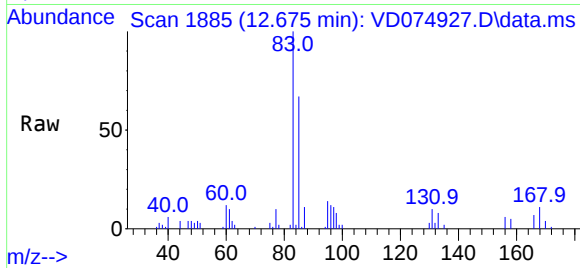




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.433 ug/l  
RT: 12.675 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

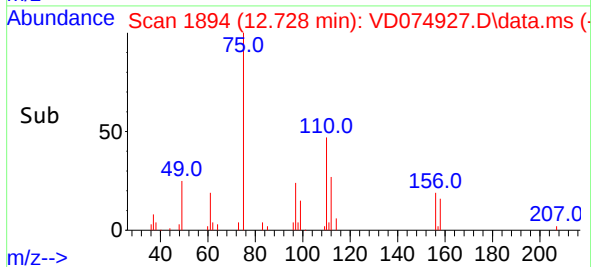
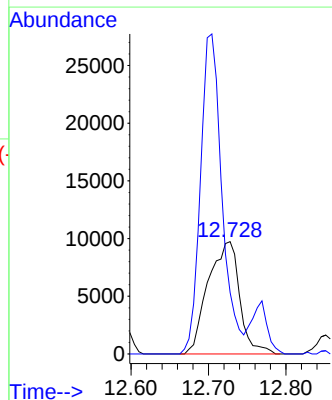
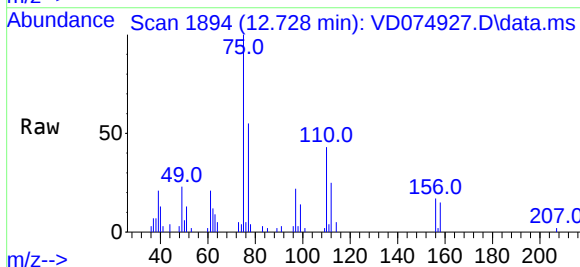
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

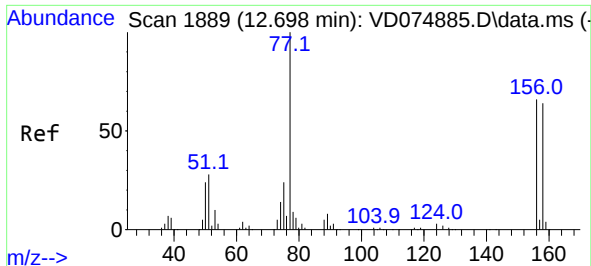
Tgt Ion: 83 Resp: 23326  
Ion Ratio Lower Upper  
83 100  
131 10.2 4.7 14.1  
85 67.1 33.1 99.2



#76  
1,2,3-Trichloropropane  
Concen: 33.328 ug/l  
RT: 12.728 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 75 Resp: 27482  
Ion Ratio Lower Upper  
75 100  
77 0.0 185.8 557.5#

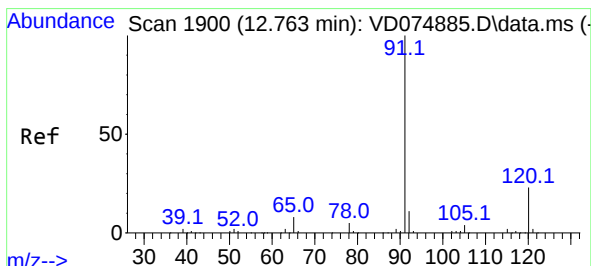
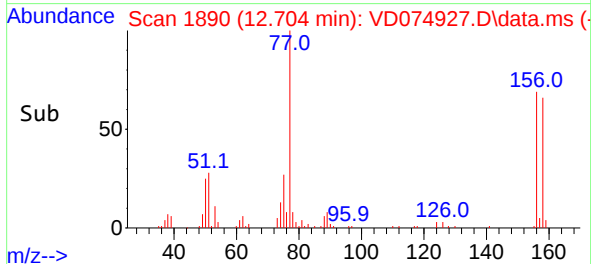
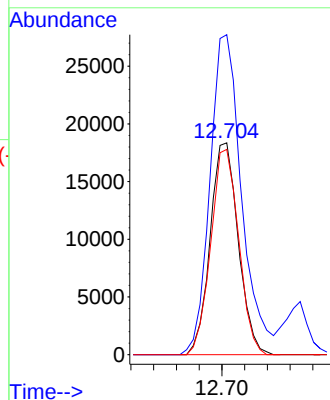
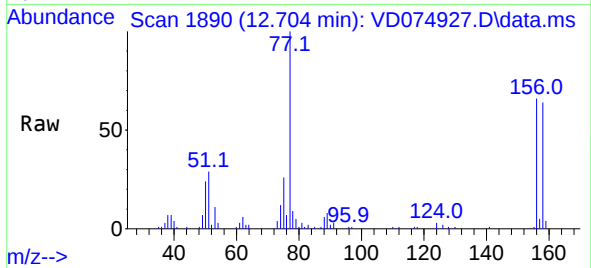




#77  
Bromobenzene  
Concen: 19.855 ug/l  
RT: 12.704 min Scan# 1889  
Delta R.T. 0.006 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

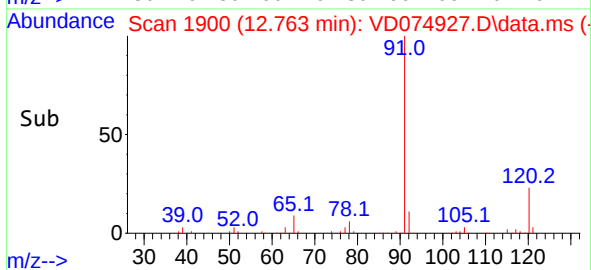
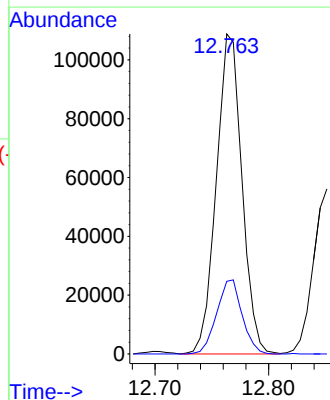
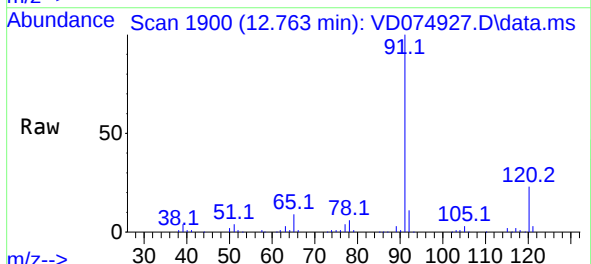
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

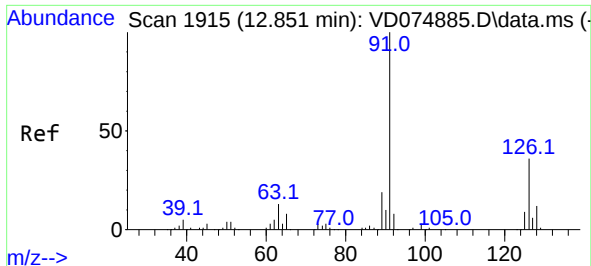
Tgt Ion:156 Resp: 31529  
Ion Ratio Lower Upper  
156 100  
77 169.9 77.7 233.1  
158 96.0 49.4 148.2



#78  
n-propylbenzene  
Concen: 20.445 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 91 Resp: 170536  
Ion Ratio Lower Upper  
91 100  
120 23.0 11.9 35.7





#79

2-Chlorotoluene

Concen: 20.223 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD074927.D

Acq: 14 Nov 2022 11:51

Instrument :

MSVOA\_D

ClientSampleId :

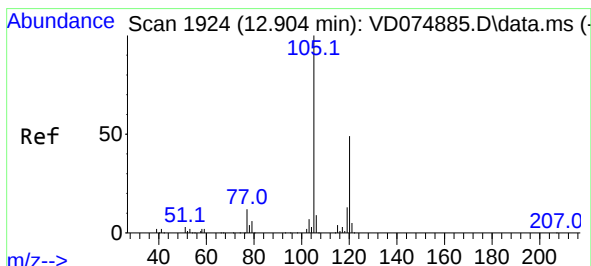
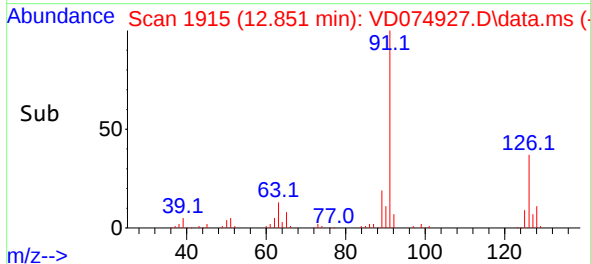
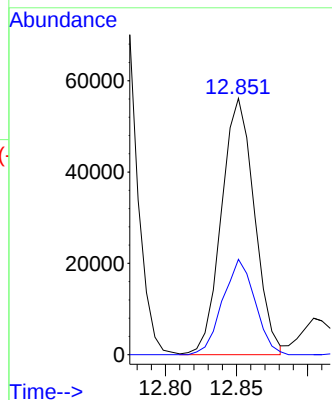
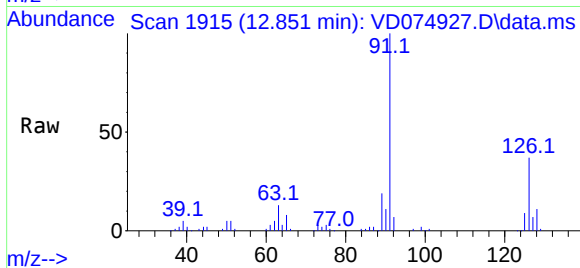
VD1114SBS01

Tgt Ion: 91 Resp: 90891

Ion Ratio Lower Upper

91 100

126 36.4 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 19.813 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD074927.D

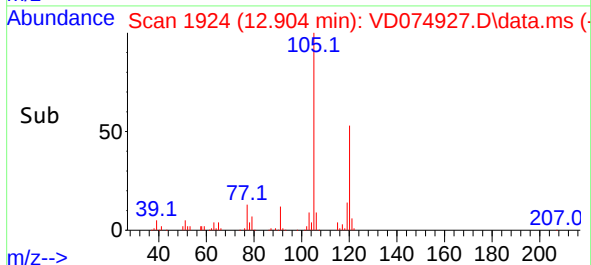
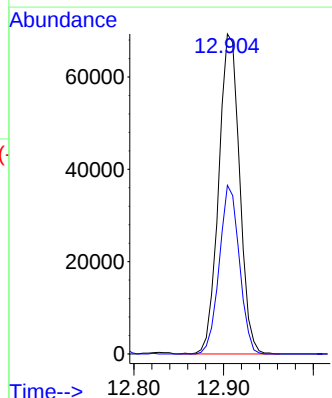
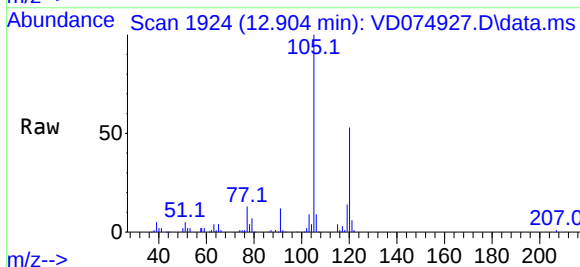
Acq: 14 Nov 2022 11:51

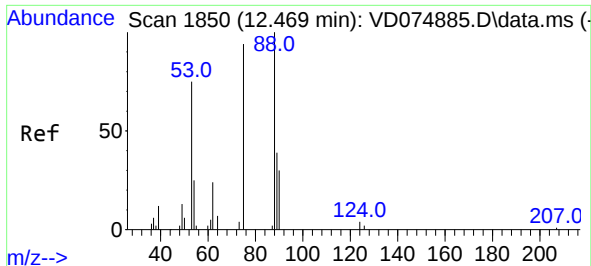
Tgt Ion: 105 Resp: 112027

Ion Ratio Lower Upper

105 100

120 50.5 25.7 77.0

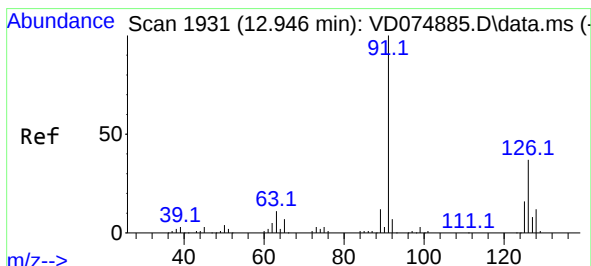
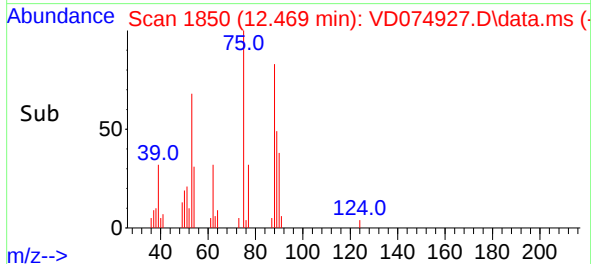
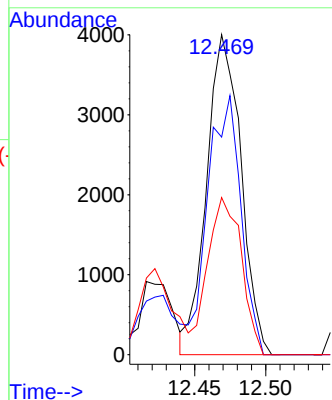
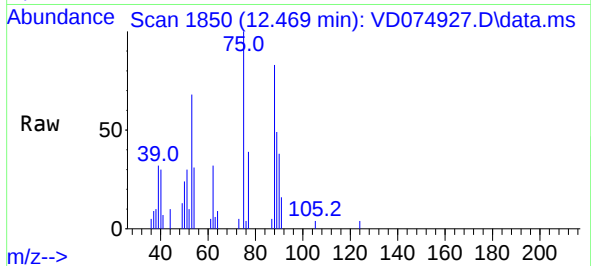




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.090 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

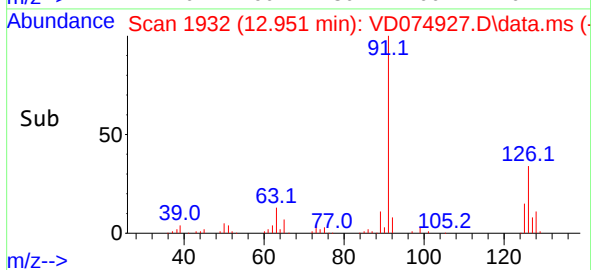
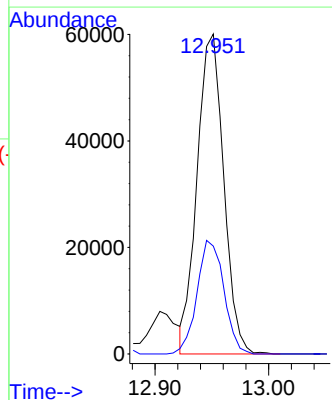
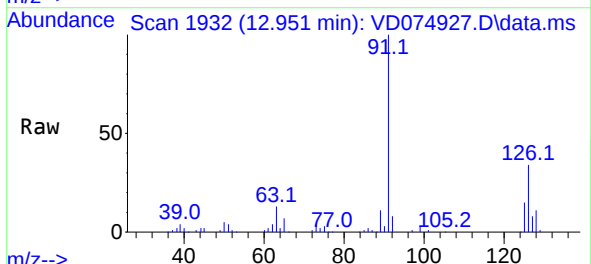
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

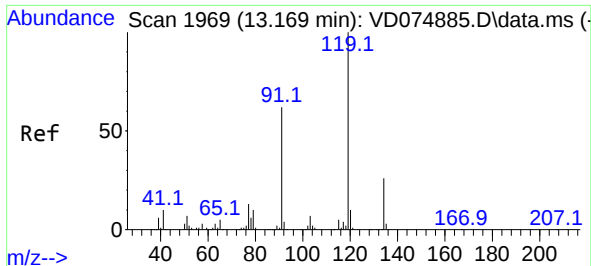
Tgt Ion: 75 Resp: 6734  
Ion Ratio Lower Upper  
75 100  
53 77.0 63.8 95.6  
89 48.3 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 20.866 ug/l  
RT: 12.951 min Scan# 1932  
Delta R.T. 0.005 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 91 Resp: 97659  
Ion Ratio Lower Upper  
91 100  
126 35.7 18.8 56.4

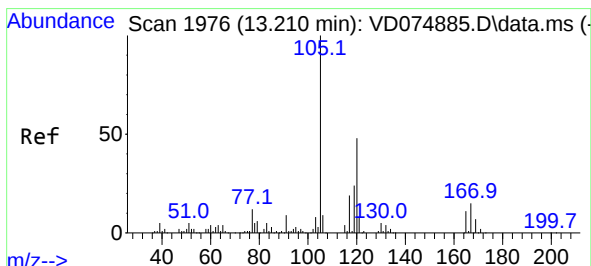
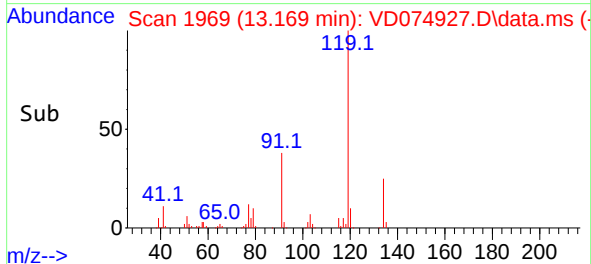
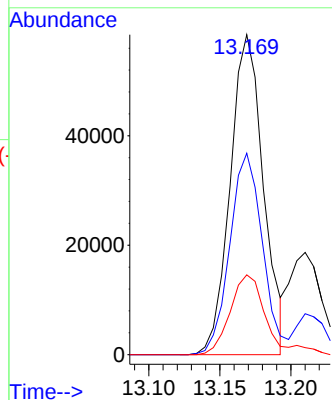
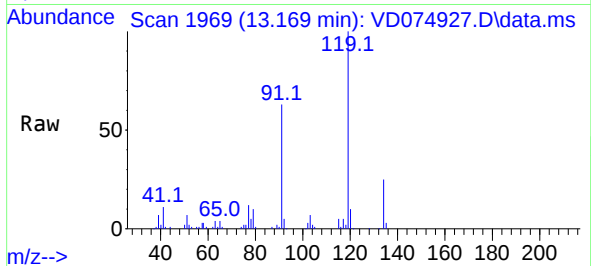




#83  
tert-Butylbenzene  
Concen: 19.408 ug/l  
RT: 13.169 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

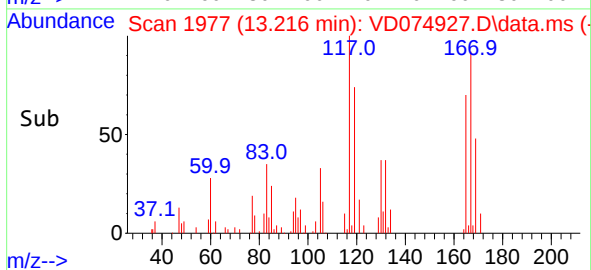
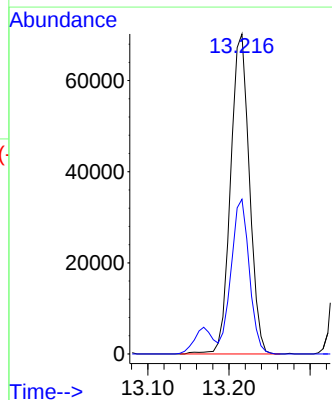
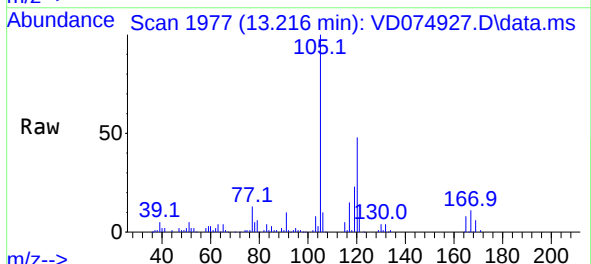
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

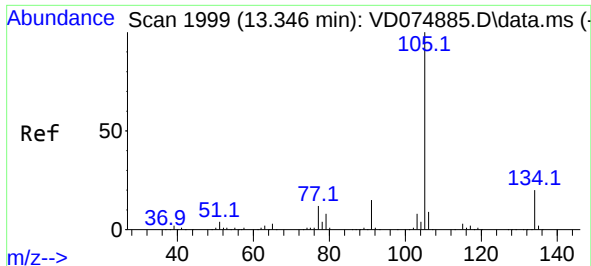
Tgt Ion:119 Resp: 95217  
Ion Ratio Lower Upper  
119 100  
91 62.2 30.0 90.0  
134 27.1 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 20.157 ug/l  
RT: 13.216 min Scan# 1977  
Delta R.T. 0.006 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion:105 Resp: 112722  
Ion Ratio Lower Upper  
105 100  
120 46.8 22.9 68.7

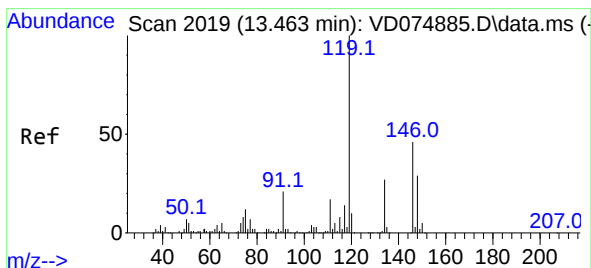
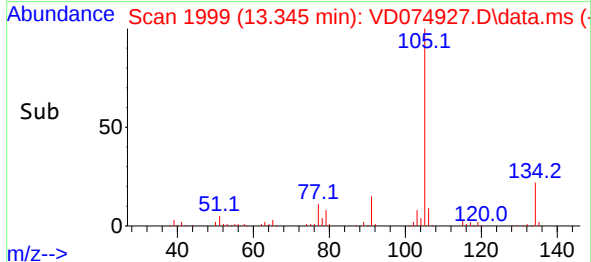
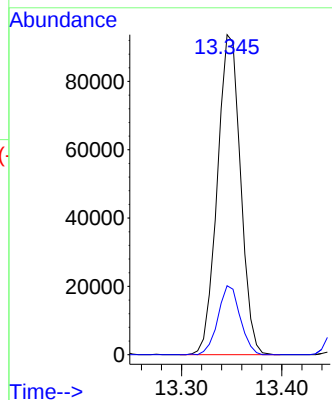
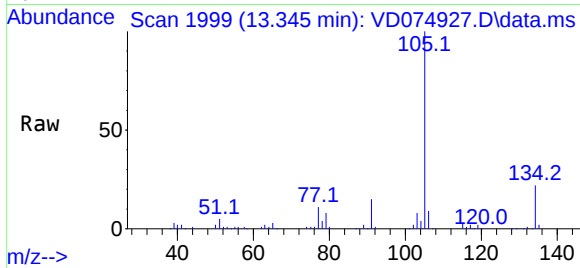




#85  
 sec-Butylbenzene  
 Concen: 20.135 ug/l  
 RT: 13.345 min Scan# 1999  
 Delta R.T. -0.001 min  
 Lab File: VD074927.D  
 Acq: 14 Nov 2022 11:51

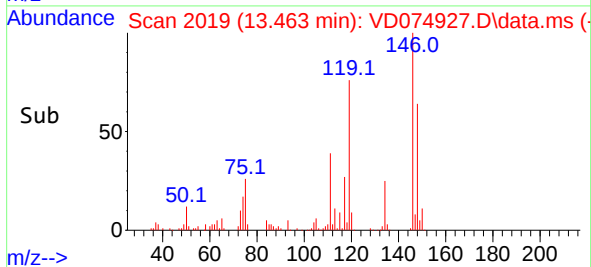
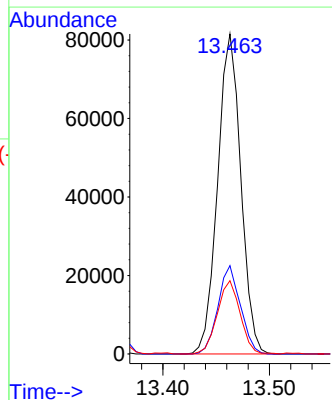
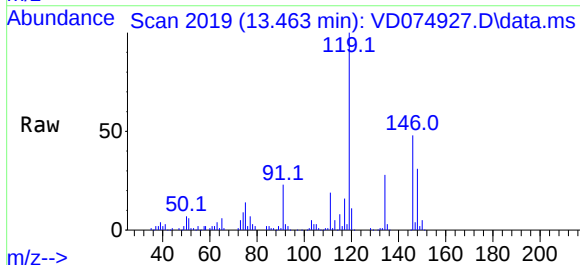
Instrument :  
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 ClientSampleId :  
 VD1114SBS01

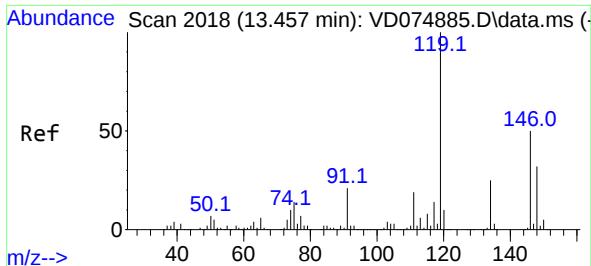
Tgt Ion:105 Resp: 150262  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 19.857 ug/l  
 RT: 13.463 min Scan# 2019  
 Delta R.T. 0.000 min  
 Lab File: VD074927.D  
 Acq: 14 Nov 2022 11:51

Tgt Ion:119 Resp: 123219  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.5 40.4  
 91 22.5 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 19.623 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD074927.D

Acq: 14 Nov 2022 11:51

Instrument :

MSVOA\_D

ClientSampleId :

VD1114SBS01

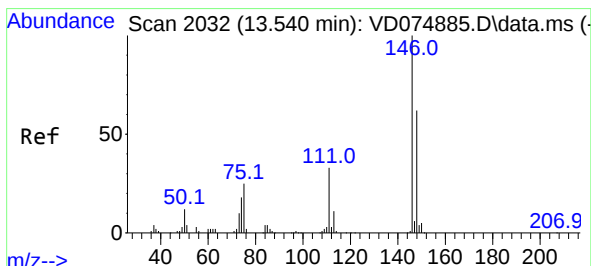
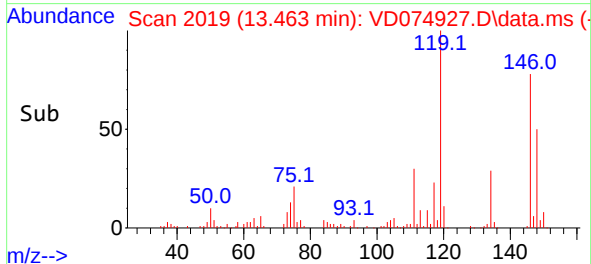
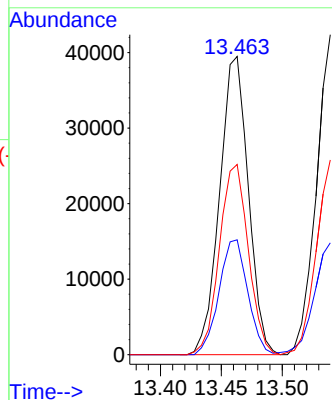
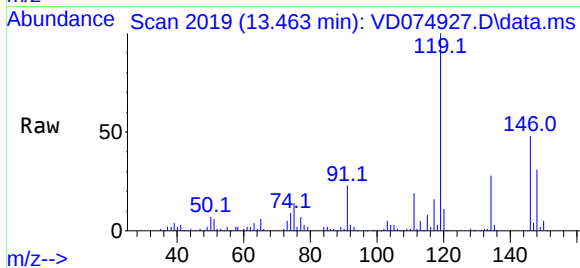
Tgt Ion:146 Resp: 64822

Ion Ratio Lower Upper

146 100

111 38.6 18.3 54.8

148 64.2 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.139 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD074927.D

Acq: 14 Nov 2022 11:51

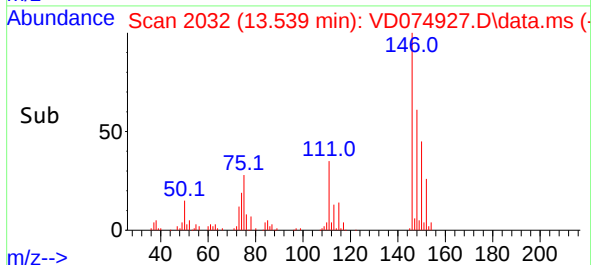
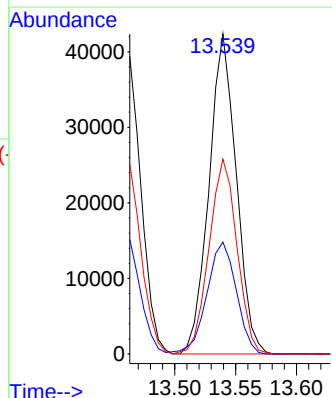
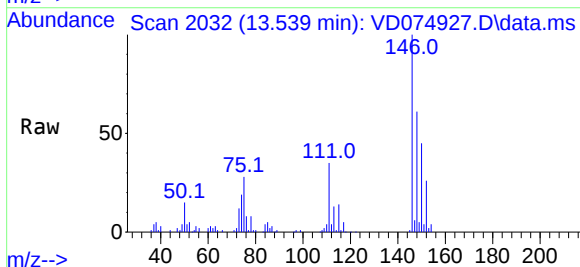
Tgt Ion:146 Resp: 66027

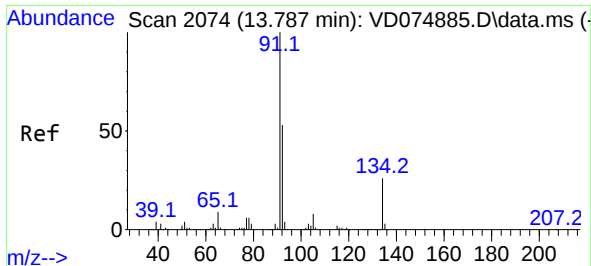
Ion Ratio Lower Upper

146 100

111 37.7 17.7 53.1

148 62.4 32.3 96.9

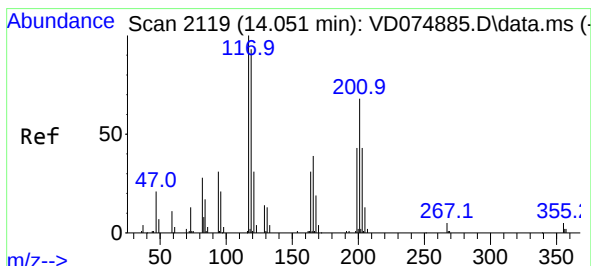
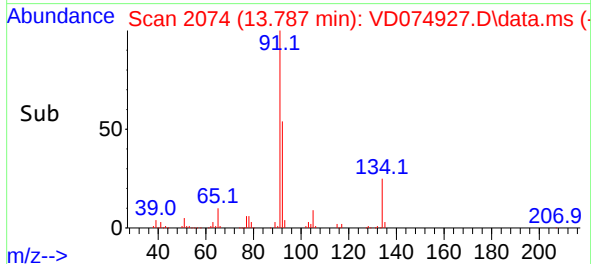
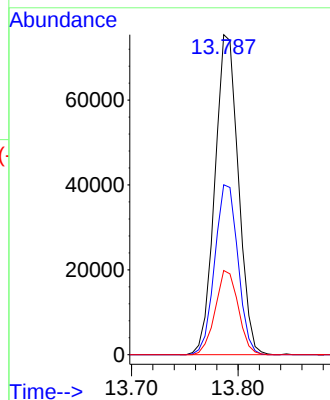
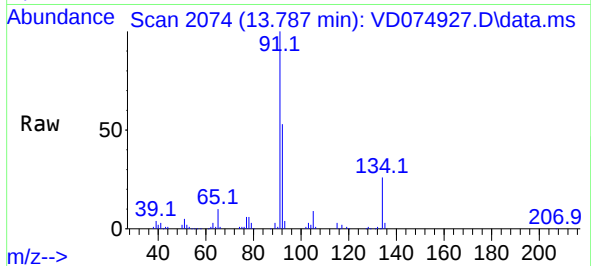




#89  
n-Butylbenzene  
Concen: 20.043 ug/l  
RT: 13.787 min Scan# 2074  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

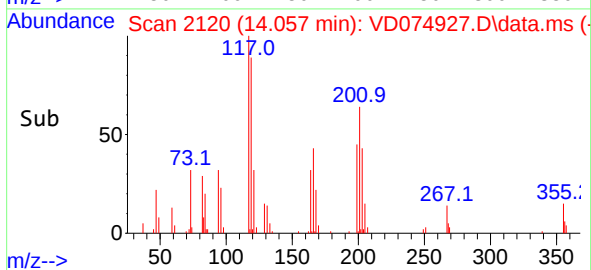
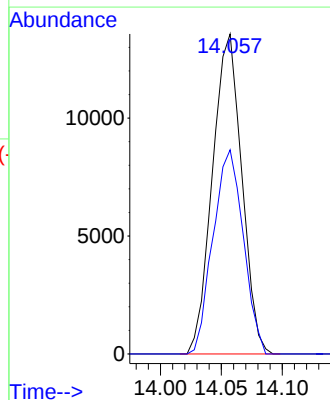
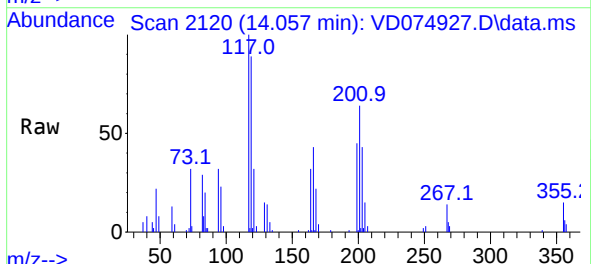
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

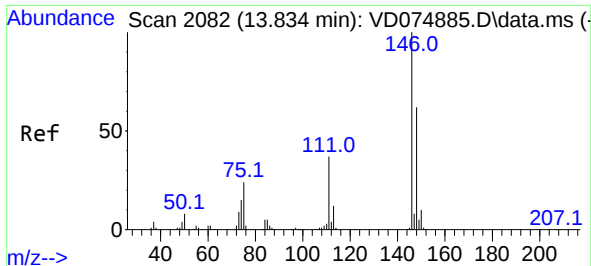
Tgt Ion: 91 Resp: 115473  
Ion Ratio Lower Upper  
91 100  
92 52.4 26.9 80.7  
134 25.7 13.4 40.2



#90  
Hexachloroethane  
Concen: 20.460 ug/l  
RT: 14.057 min Scan# 2120  
Delta R.T. 0.006 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Tgt Ion: 117 Resp: 22739  
Ion Ratio Lower Upper  
117 100  
201 65.8 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 19.958 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD074927.D

Acq: 14 Nov 2022 11:51

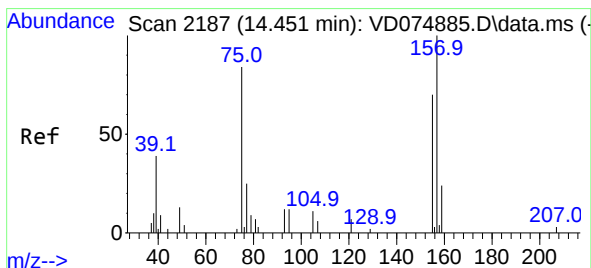
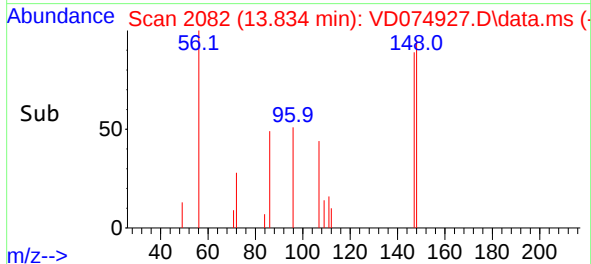
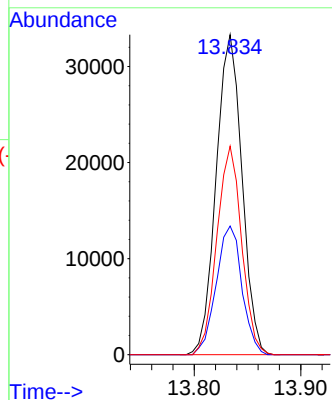
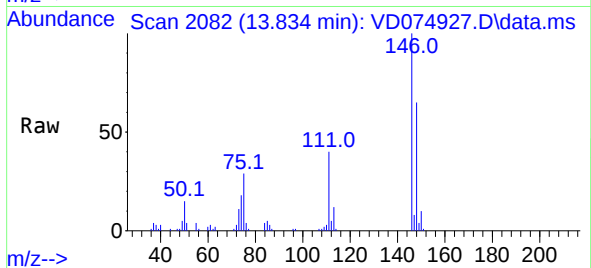
Instrument :

MSVOA\_D

ClientSampleId :

VD1114SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 56064 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 40.1  | 18.9  | 56.5  |
| 148       | 62.4  | 31.9  | 95.5  |



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.769 ug/l

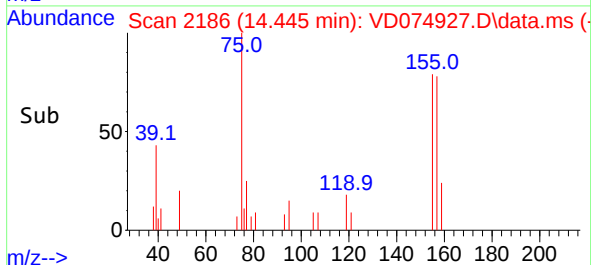
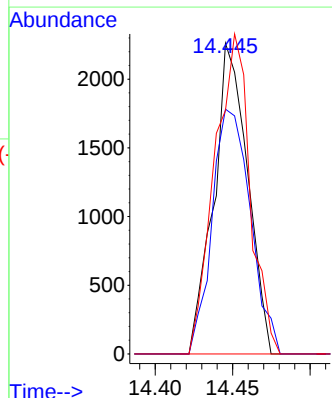
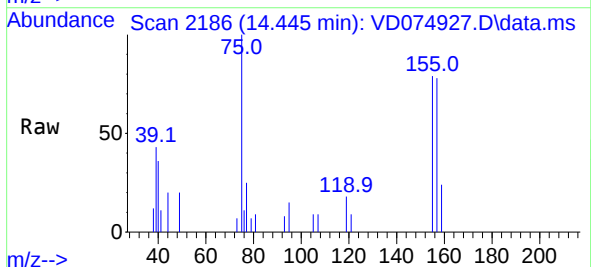
RT: 14.445 min Scan# 2186

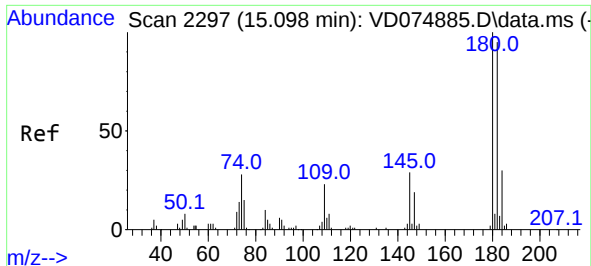
Delta R.T. -0.006 min

Lab File: VD074927.D

Acq: 14 Nov 2022 11:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 3437  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 89.1  | 51.2  | 153.8 |
| 157       | 107.5 | 68.2  | 204.5 |

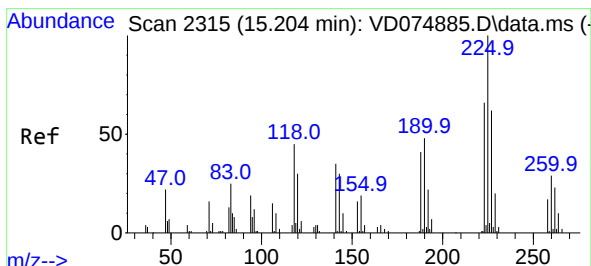
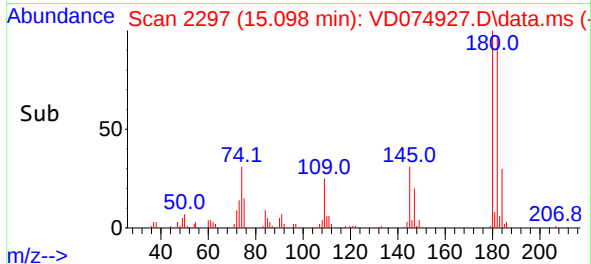
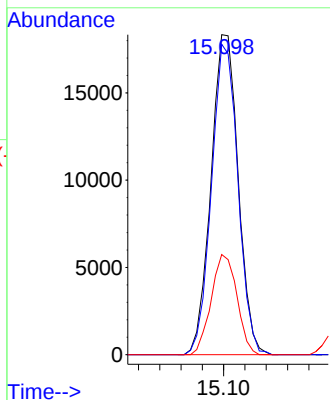
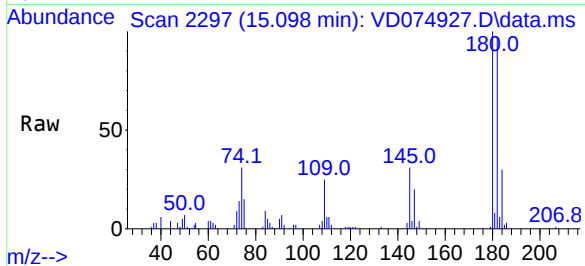




#93  
1,2,4-Trichlorobenzene  
Concen: 18.971 ug/l  
RT: 15.098 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

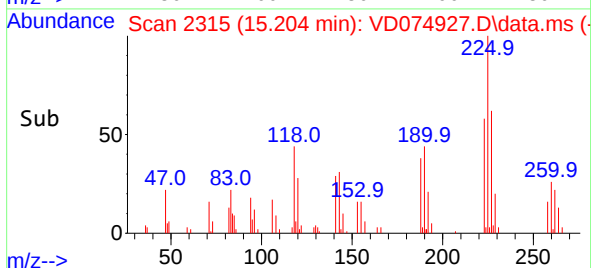
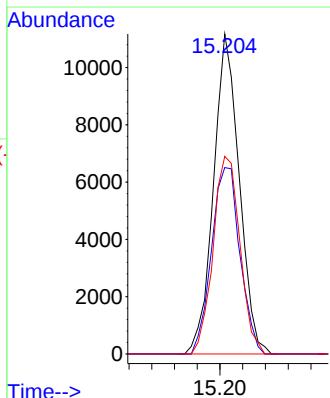
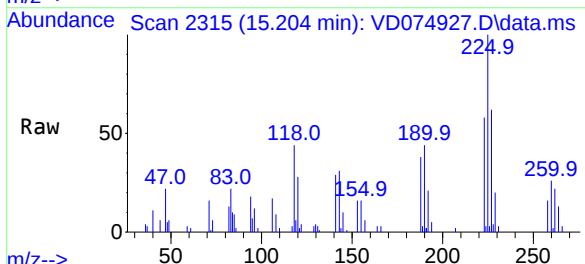
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

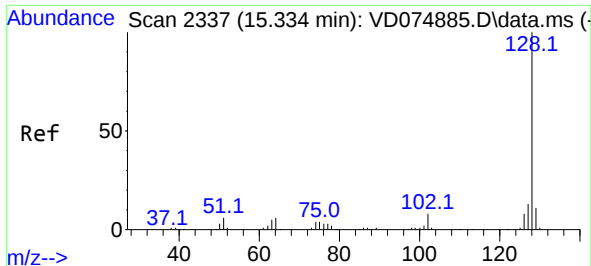
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 32438 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.3  | 46.9  | 140.6 |
| 145       | 29.6  | 14.1  | 42.3  |



#94  
Hexachlorobutadiene  
Concen: 19.910 ug/l  
RT: 15.204 min Scan# 2315  
Delta R.T. 0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 17561 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.5  | 31.9  | 95.5  |
| 227       | 64.3  | 32.6  | 97.8  |

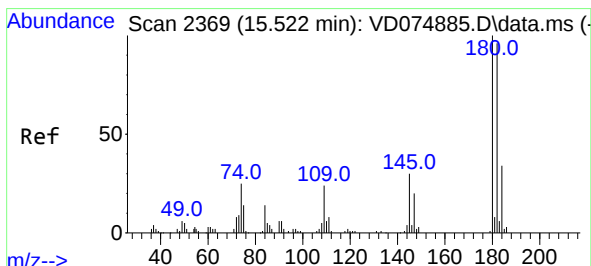
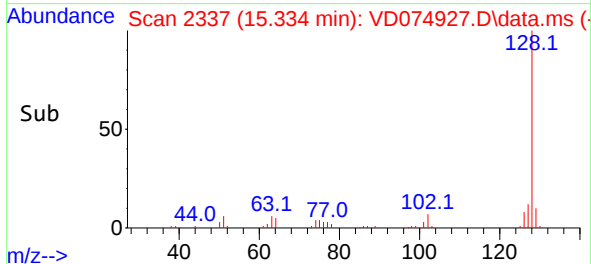
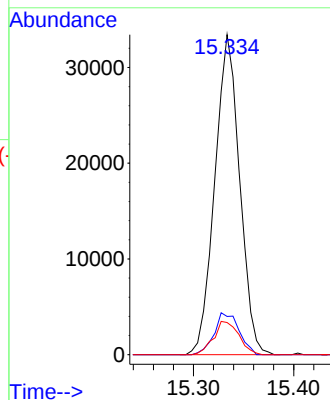
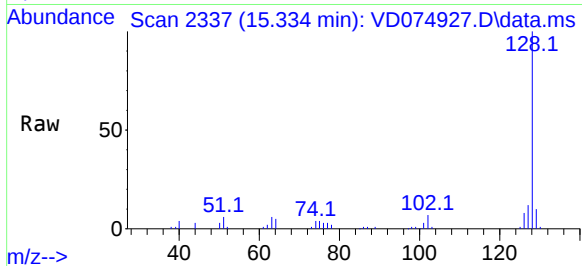




#95  
Naphthalene  
Concen: 18.119 ug/l  
RT: 15.334 min Scan# 2337  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1114SBS01

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:128 | Resp: | 57504 |       |
| Ion         | Ratio | Lower | Upper |
| 128         | 100   |       |       |
| 127         | 13.1  | 10.6  | 16.0  |
| 129         | 10.6  | 8.3   | 12.5  |



#96  
1,2,3-Trichlorobenzene  
Concen: 18.811 ug/l  
RT: 15.522 min Scan# 2369  
Delta R.T. -0.000 min  
Lab File: VD074927.D  
Acq: 14 Nov 2022 11:51

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:180 | Resp: | 27815 |       |
| Ion         | Ratio | Lower | Upper |
| 180         | 100   |       |       |
| 182         | 93.4  | 46.7  | 140.1 |
| 145         | 30.2  | 14.9  | 44.7  |

