

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD053122\  
 Data File : VD073438.D  
 Acq On : 31 May 2022 21:42  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 01 01:40:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 19 15:13:42 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.973  | 168   | 272592   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.855  | 114   | 455340   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.632 | 117   | 451160   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.561 | 152   | 236990   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326  | 65    | 168022   | 55.774   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 111.540% |
| 35) Dibromofluoromethane     | 7.902  | 113   | 169525   | 56.421   | ug/l   | -0.01    |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 112.840% |
| 50) Toluene-d8               | 10.332 | 98    | 600555   | 54.222   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 108.440% |
| 62) 4-Bromofluorobenzene     | 12.620 | 95    | 229487   | 59.040   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 118.080% |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991  | 85    | 152676   | 56.052   | ug/l   | 99       |
| 3) Chloromethane             | 2.203  | 50    | 144274   | 46.842   | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.338  | 62    | 133296   | 47.329   | ug/l   | 99       |
| 5) Bromomethane              | 2.750  | 94    | 88992    | 49.226   | ug/l   | 96       |
| 6) Chloroethane              | 2.909  | 64    | 86608    | 50.023   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.256  | 101   | 267698   | 53.755   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.703  | 74    | 79134    | 57.828   | ug/l   | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 4.085  | 101   | 154089   | 51.858   | ug/l   | 94       |
| 10) Methyl Iodide            | 4.285  | 142   | 161902   | 50.503   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.220  | 59    | 61248    | 131.042  | ug/l   | 95       |
| 12) 1,1-Dichloroethene       | 4.056  | 96    | 143516   | 52.388   | ug/l   | 94       |
| 13) Acrolein                 | 3.914  | 56    | 38720    | 206.701  | ug/l   | 98       |
| 14) Allyl chloride           | 4.703  | 41    | 226624   | 51.250   | ug/l # | 90       |
| 15) Acrylonitrile            | 5.420  | 53    | 192423   | 307.508  | ug/l   | 98       |
| 16) Acetone                  | 4.150  | 43    | 140260   | 268.800  | ug/l   | 90       |
| 17) Carbon Disulfide         | 4.397  | 76    | 476696   | 52.491   | ug/l   | 98       |
| 18) Methyl Acetate           | 4.714  | 43    | 93216    | 64.244   | ug/l   | 91       |
| 19) Methyl tert-butyl Ether  | 5.473  | 73    | 381899   | 61.193   | ug/l   | 96       |
| 20) Methylene Chloride       | 4.955  | 84    | 197331   | 60.457   | ug/l   | 87       |
| 21) trans-1,2-Dichloroethene | 5.461  | 96    | 182429   | 55.077   | ug/l   | 87       |
| 22) Diisopropyl ether        | 6.361  | 45    | 512661   | 55.305   | ug/l # | 90       |
| 23) Vinyl Acetate            | 6.297  | 43    | 1460675  | 295.415  | ug/l # | 93       |
| 24) 1,1-Dichloroethane       | 6.250  | 63    | 315670   | 53.053   | ug/l   | 98       |
| 25) 2-Butanone               | 7.208  | 43    | 231432   | 303.154  | ug/l   | 94       |
| 26) 2,2-Dichloropropane      | 7.202  | 77    | 230920   | 45.508   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.202  | 96    | 198878   | 54.263   | ug/l   | 89       |
| 28) Bromochloromethane       | 7.538  | 49    | 105955   | 51.689   | ug/l # | 77       |
| 29) Tetrahydrofuran          | 7.555  | 42    | 158890   | 321.876  | ug/l   | 90       |
| 30) Chloroform               | 7.702  | 83    | 332575   | 53.539   | ug/l   | 98       |
| 31) Cyclohexane              | 7.973  | 56    | 254000   | 48.248   | ug/l   | 91       |
| 32) 1,1,1-Trichloroethane    | 7.896  | 97    | 286401   | 52.715   | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.102  | 75    | 239047   | 52.899   | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.285  | 43    | 112215   | 62.868   | ug/l # | 94       |
| 38) Carbon Tetrachloride     | 8.085  | 117   | 251126   | 54.822   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.349  | 83    | 269105   | 53.435   | ug/l   | 98       |
| 40) Benzene                  | 8.344  | 78    | 718658   | 55.181   | ug/l   | 98       |

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 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 01 01:40:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 19 15:13:42 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 56440    | 54.271   | ug/l # | 80       |
| 42) 1,2-Dichloroethane        | 8.414  | 62   | 208853   | 57.634   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.444  | 43   | 206511   | 62.594   | ug/l # | 93       |
| 44) Trichloroethene           | 9.102  | 130  | 192747   | 55.500   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 181165   | 55.236   | ug/l   | 99       |
| 46) Dibromomethane            | 9.467  | 93   | 104243   | 57.870   | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.649  | 83   | 258848   | 56.160   | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.449  | 41   | 107128   | 64.539   | ug/l # | 88       |
| 49) 1,4-Dioxane               | 9.449  | 88   | 25473    | 1369.329 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 567115   | 330.957  | ug/l   | 91       |
| 52) Toluene                   | 10.396 | 92   | 470542   | 57.175   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.608 | 75   | 238241   | 57.215   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.079 | 75   | 276736   | 55.537   | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.790 | 97   | 149178   | 61.242   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.649 | 69   | 180008   | 66.465   | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 10.932 | 76   | 243210   | 59.505   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 408263   | 311.466  | ug/l   | 94       |
| 59) 2-Hexanone                | 10.973 | 43   | 390617   | 345.763  | ug/l   | 92       |
| 60) Dibromochloromethane      | 11.132 | 129  | 187386   | 61.693   | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 142900   | 61.392   | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.867 | 164  | 154905   | 52.421   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.661 | 112  | 503025   | 54.349   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 195227   | 56.875   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.732 | 91   | 877885   | 54.032   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.843 | 106  | 701857   | 111.187  | ug/l   | 98       |
| 69) o-Xylene                  | 12.167 | 106  | 327266   | 56.436   | ug/l   | 94       |
| 70) Styrene                   | 12.179 | 104  | 583140   | 58.449   | ug/l   | 97       |
| 71) Bromoform                 | 12.349 | 173  | 108767   | 61.568   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.467 | 105  | 847723   | 50.176   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.273 | 43   | 207238   | 56.228   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 173287   | 55.613   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.767 | 75   | 215388   | 92.629   | ug/l # | 100      |
| 77) Bromobenzene              | 12.749 | 156  | 208341   | 52.386   | ug/l   | 92       |
| 78) n-propylbenzene           | 12.808 | 91   | 1056504  | 49.811   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 619356   | 50.574   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.943 | 105  | 736720   | 51.477   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.514 | 75   | 52800    | 54.512   | ug/l   | 86       |
| 82) 4-Chlorotoluene           | 12.990 | 91   | 652823   | 50.858   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.208 | 119  | 600916   | 49.820   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 734524   | 51.952   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.384 | 105  | 922750   | 50.102   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 768421   | 51.183   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 418516   | 52.208   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 407275   | 50.330   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.826 | 91   | 714667   | 49.960   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.090 | 117  | 154120   | 49.613   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 367426   | 52.974   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.484 | 75   | 27523    | 57.679   | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 214726   | 54.530   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 110478   | 49.788   | ug/l   | 100      |
| 95) Naphthalene               | 15.378 | 128  | 430282   | 55.094   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 198784   | 56.943   | ug/l   | 99       |

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ALS Vial : 17 Sample Multiplier: 1

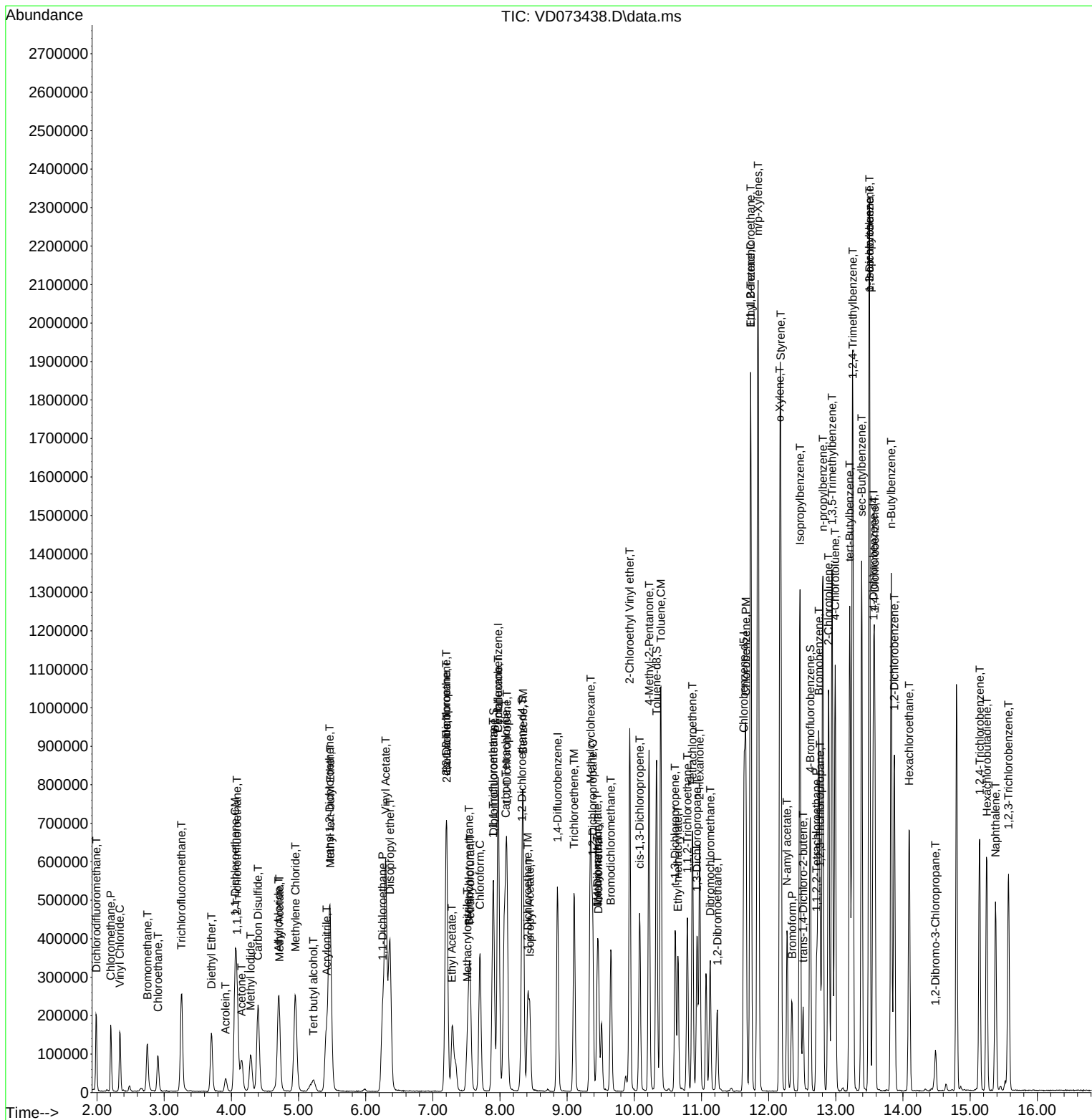
Instrument :  
MSVOA\_D  
ClientSampleId :

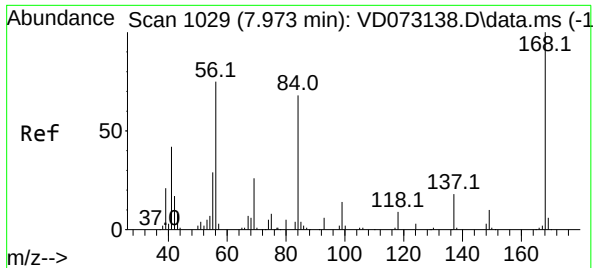
Quant Time: Jun 01 01:40:41 2022  
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Quant Title : SW846 8260  
QLast Update : Thu May 19 15:13:42 2022  
Response via : Initial Calibration

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

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

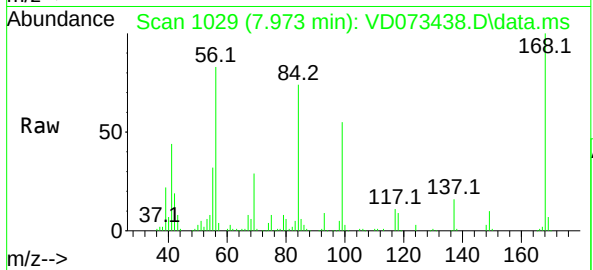
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
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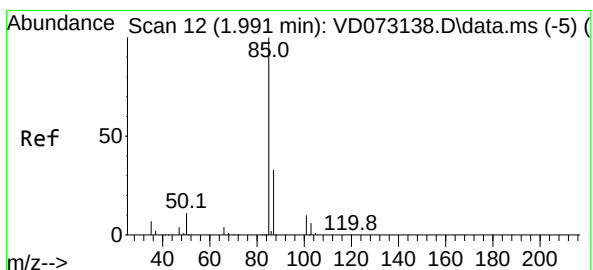
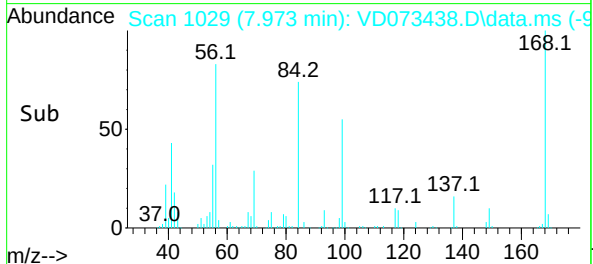
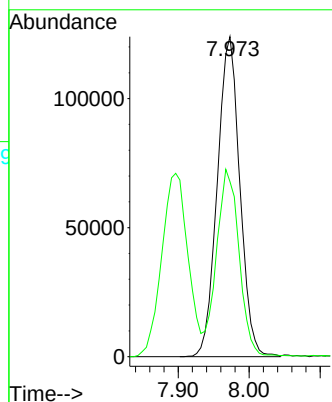


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Instrument :  
MSVOA\_D  
ClientSampleId :

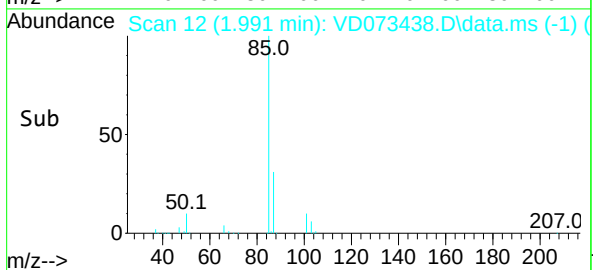
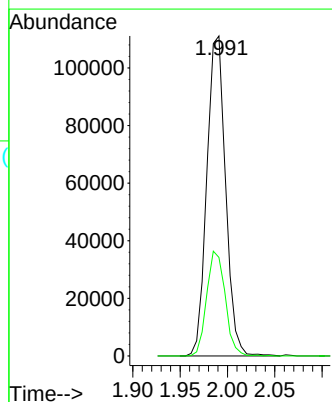
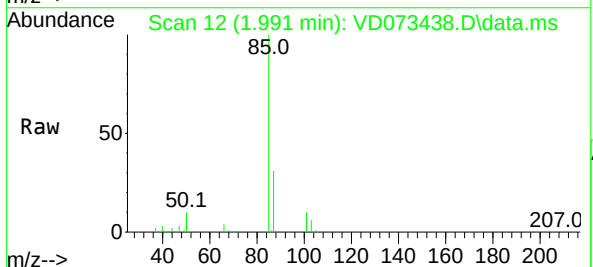


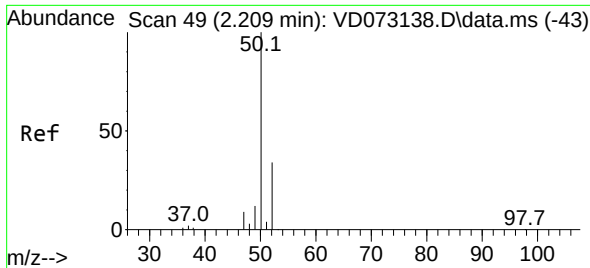
Tgt Ion:168 Resp: 272592  
Ion Ratio Lower Upper  
168 100  
99 54.3 49.8 74.6



#2  
Dichlorodifluoromethane  
Concen: 56.052 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion: 85 Resp: 152676  
Ion Ratio Lower Upper  
85 100  
87 30.8 15.7 47.0

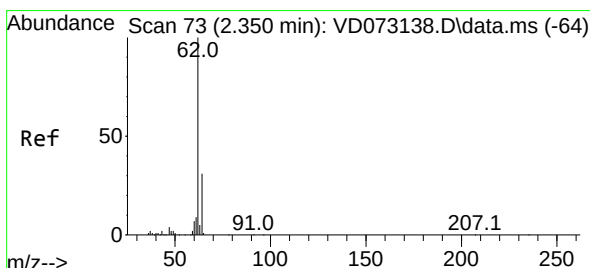
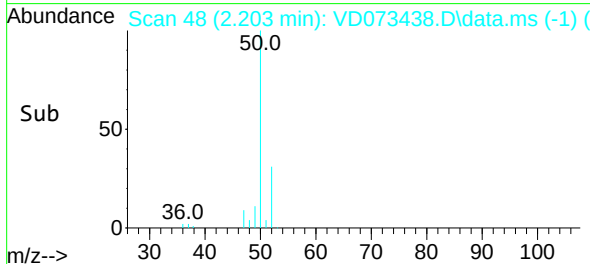
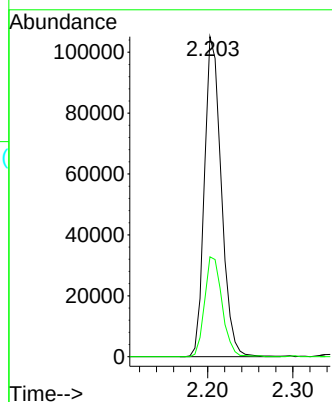
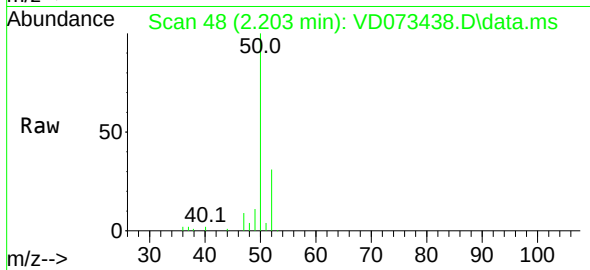




#3  
Chloromethane  
Concen: 46.842 ug/l  
RT: 2.203 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

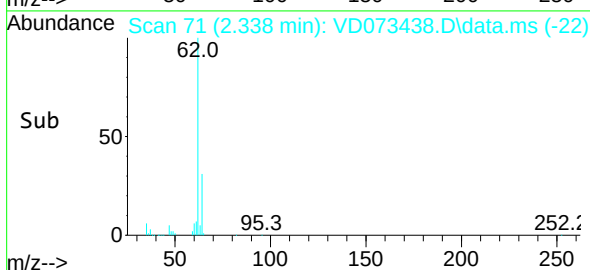
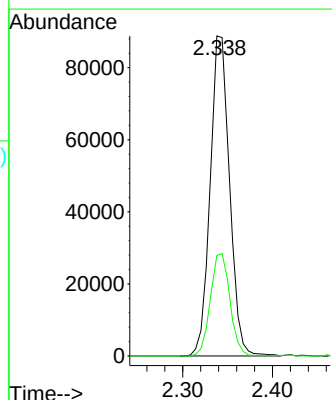
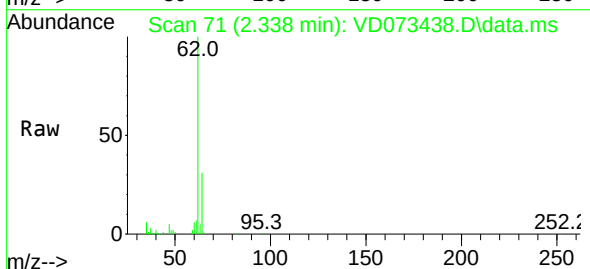
Instrument :  
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ClientSampleId :

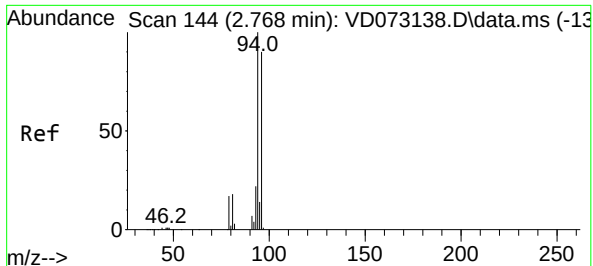
Tgt Ion: 50 Resp: 144274  
Ion Ratio Lower Upper  
50 100  
52 31.2 27.4 41.0



#4  
Vinyl Chloride  
Concen: 47.329 ug/l  
RT: 2.338 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion: 62 Resp: 133296  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.4 38.0

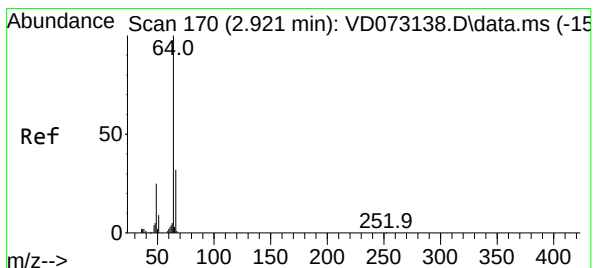
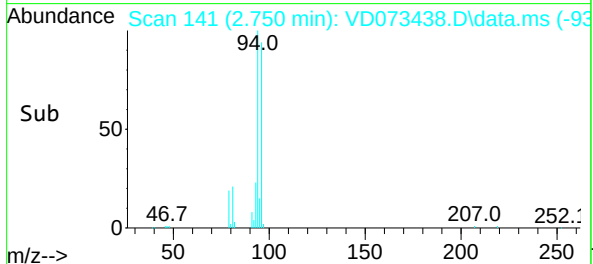
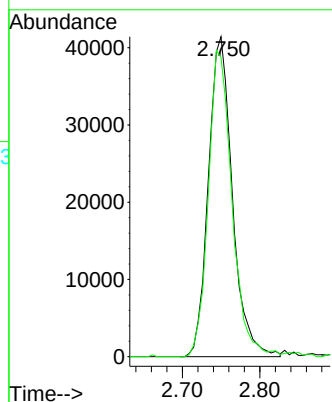
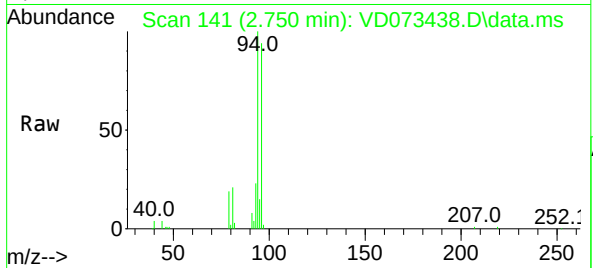




#5  
Bromomethane  
Concen: 49.226 ug/l  
RT: 2.750 min Scan# 144  
Delta R.T. -0.018 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

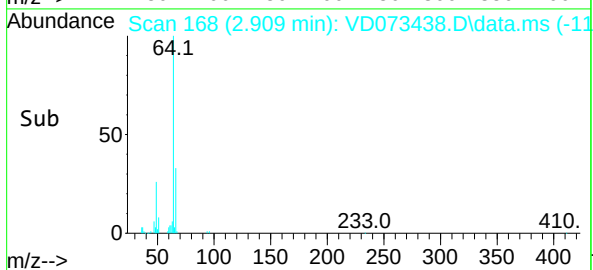
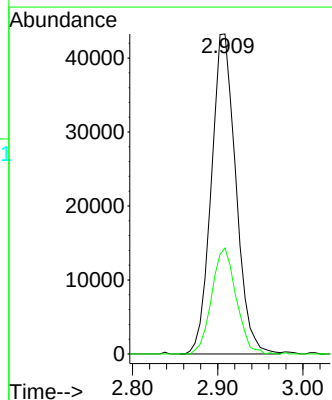
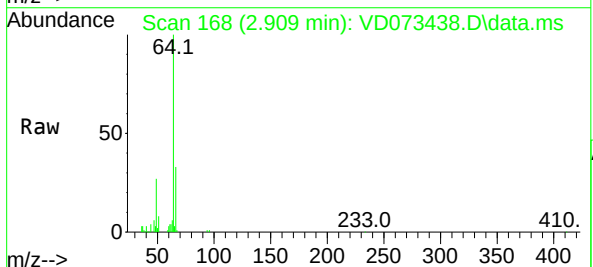
Instrument :  
MSVOA\_D  
ClientSampleId :

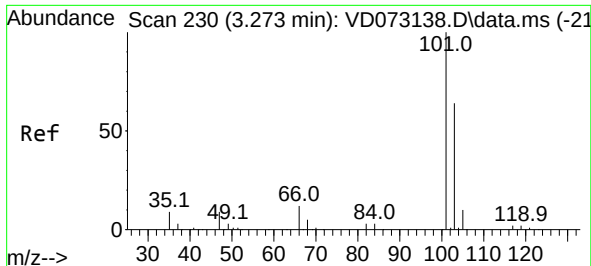
Tgt Ion: 94 Resp: 88992  
Ion Ratio Lower Upper  
94 100  
96 93.6 77.6 116.4



#6  
Chloroethane  
Concen: 50.023 ug/l  
RT: 2.909 min Scan# 168  
Delta R.T. -0.012 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

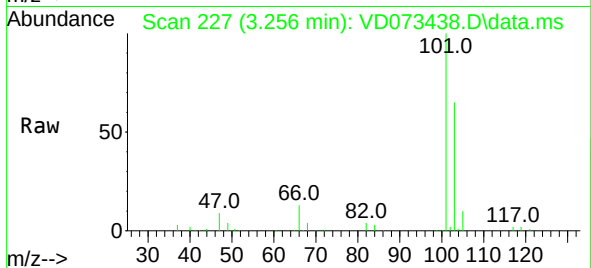
Tgt Ion: 64 Resp: 86608  
Ion Ratio Lower Upper  
64 100  
66 33.1 25.9 38.9



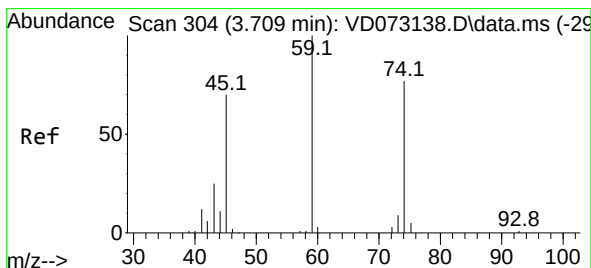
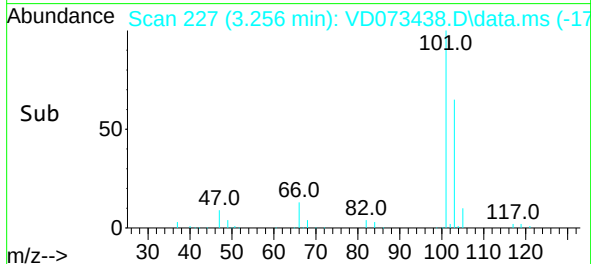
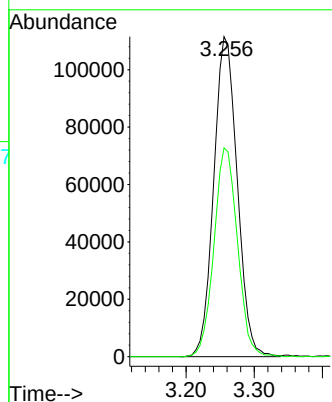


#7  
 Trichlorofluoromethane  
 Concen: 53.755 ug/l  
 RT: 3.256 min Scan# 21  
 Delta R.T. -0.017 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :

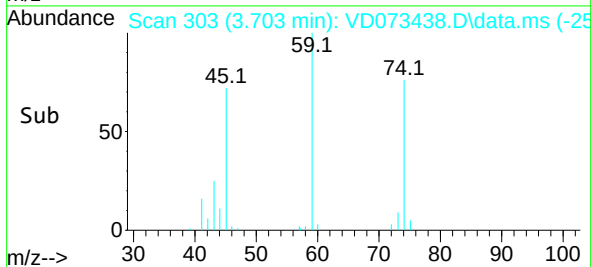
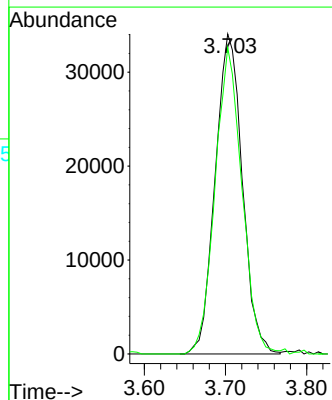
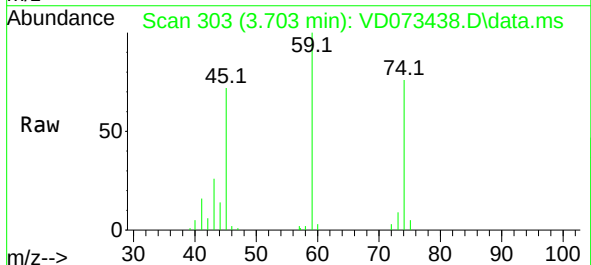


Tgt Ion:101 Resp: 267698  
 Ion Ratio Lower Upper  
 101 100  
 103 65.2 50.1 75.1

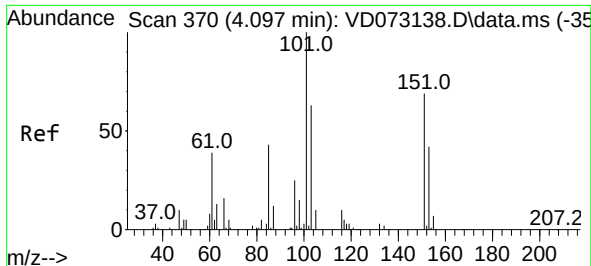


#8  
 Diethyl Ether  
 Concen: 57.828 ug/l  
 RT: 3.703 min Scan# 303  
 Delta R.T. -0.006 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42

Tgt Ion: 74 Resp: 79134  
 Ion Ratio Lower Upper  
 74 100  
 45 95.0 52.6 157.8



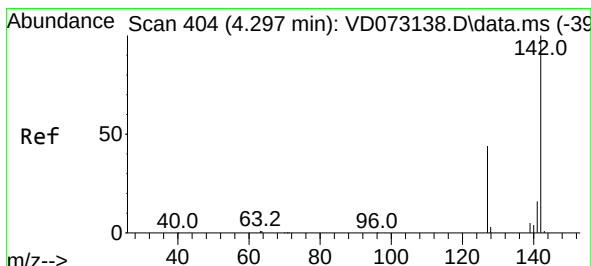
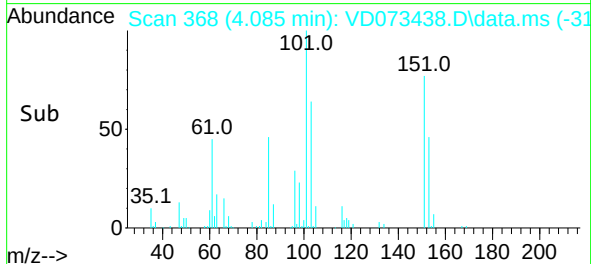
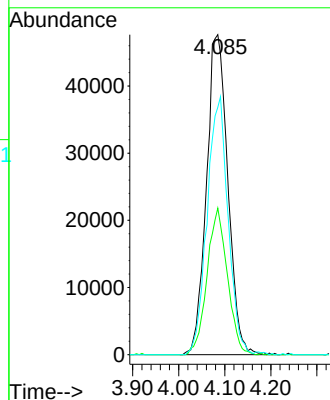
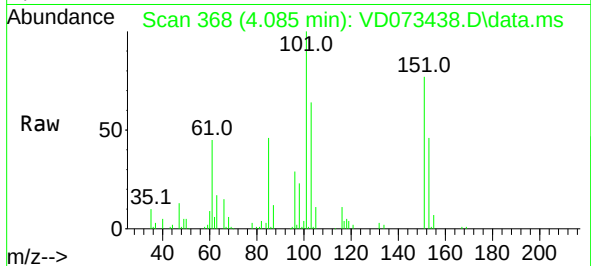




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 51.858 ug/l  
 RT: 4.085 min Scan# 30  
 Delta R.T. -0.012 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42

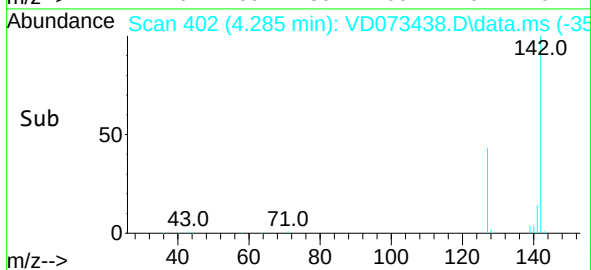
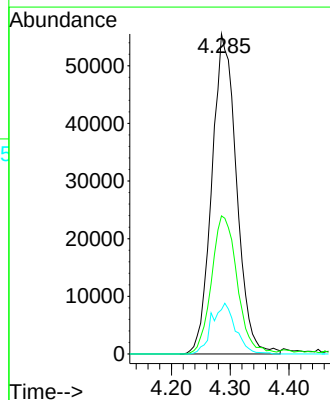
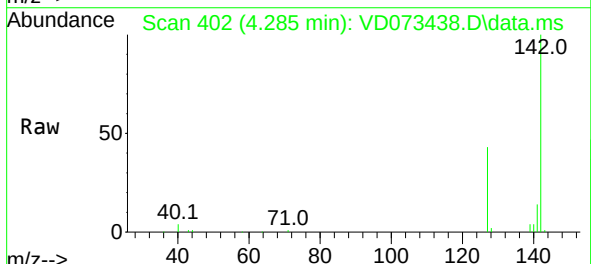
Instrument :  
 MSVOA\_D  
 ClientSampleId :

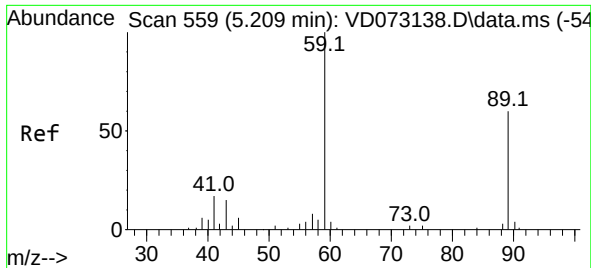
Tgt Ion:101 Resp: 154089  
 Ion Ratio Lower Upper  
 101 100  
 85 43.5 36.4 54.6  
 151 78.6 57.3 85.9



#10  
 Methyl Iodide  
 Concen: 50.503 ug/l  
 RT: 4.285 min Scan# 402  
 Delta R.T. -0.012 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42

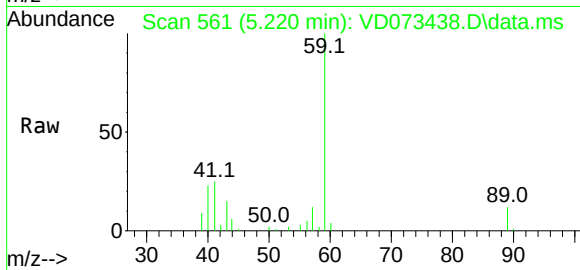
Tgt Ion:142 Resp: 161902  
 Ion Ratio Lower Upper  
 142 100  
 127 44.9 37.3 55.9  
 141 15.3 11.7 17.5



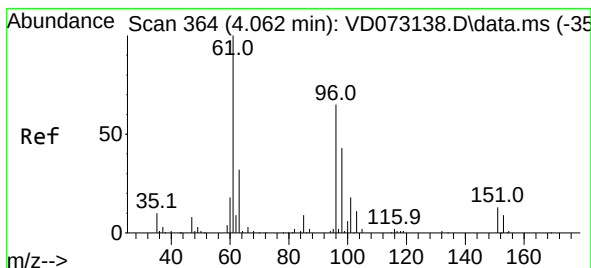
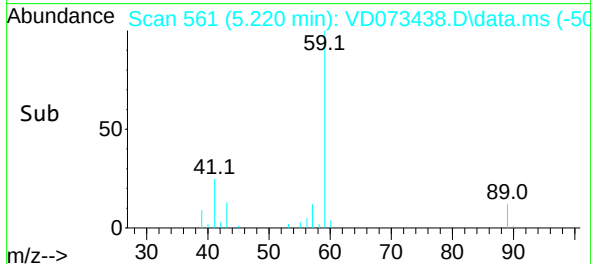
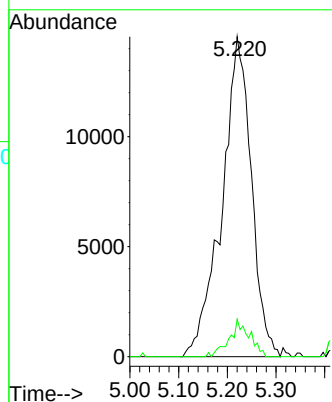


#11  
Tert butyl alcohol  
Concen: 131.042 ug/l  
RT: 5.220 min Scan# 51  
Delta R.T. 0.011 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Instrument :  
MSVOA\_D  
ClientSampleId :

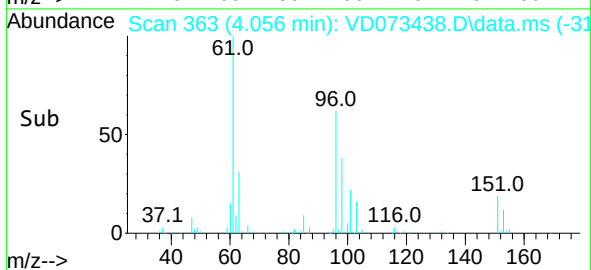
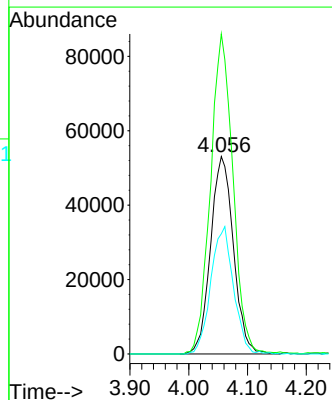
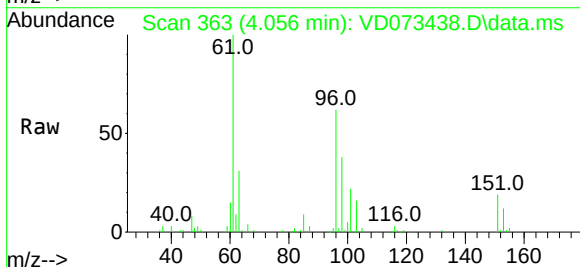


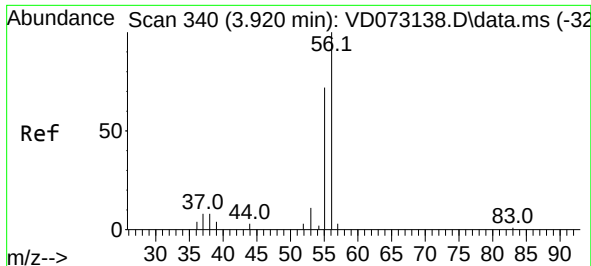
Tgt Ion: 59 Resp: 61248  
Ion Ratio Lower Upper  
59 100  
57 7.9 7.8 11.6



#12  
1,1-Dichloroethene  
Concen: 52.388 ug/l  
RT: 4.056 min Scan# 363  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

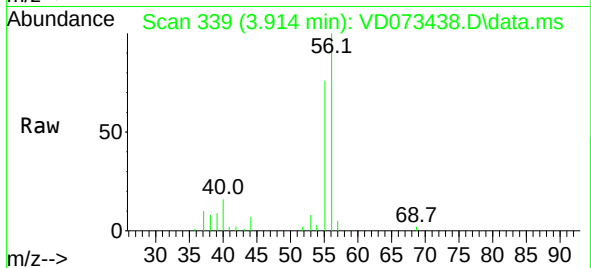
Tgt Ion: 96 Resp: 143516  
Ion Ratio Lower Upper  
96 100  
61 162.0 138.5 207.7  
98 60.9 48.6 73.0



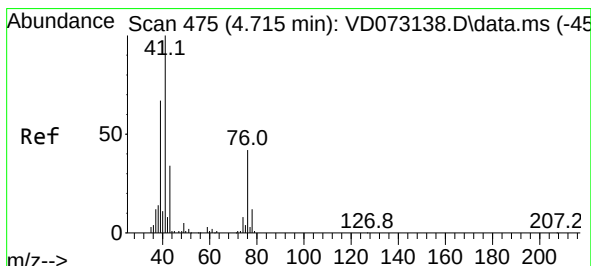
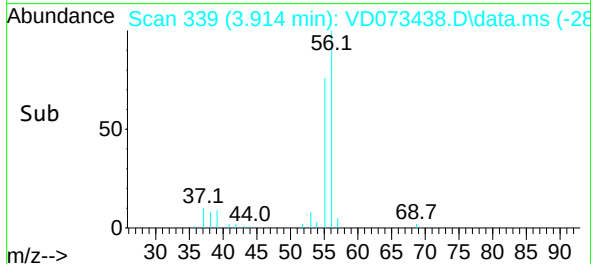
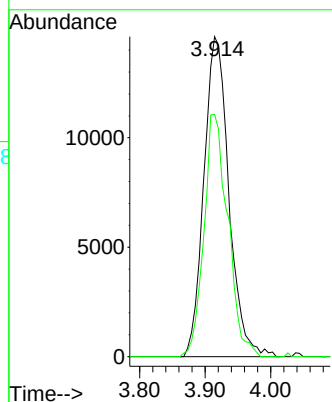


#13  
Acrolein  
Concen: 206.701 ug/l  
RT: 3.914 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Instrument :  
MSVOA\_D  
ClientSampleId :

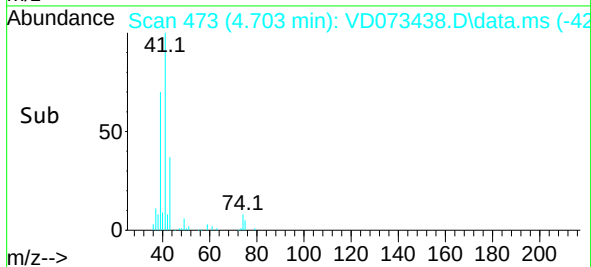
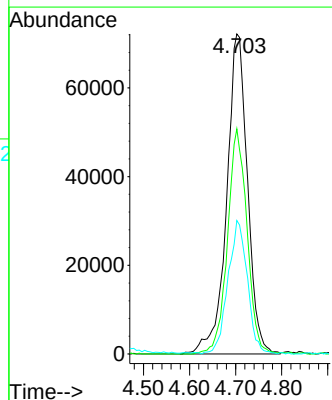
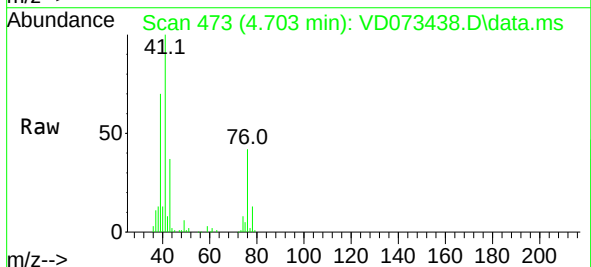


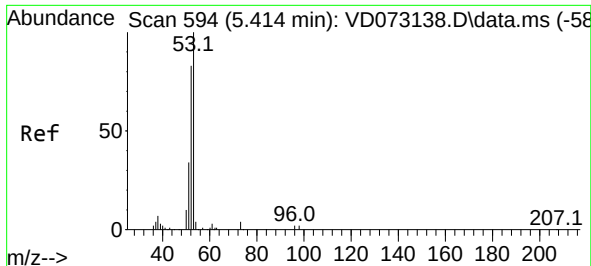
Tgt Ion: 56 Resp: 38720  
Ion Ratio Lower Upper  
56 100  
55 72.7 57.1 85.7



#14  
Allyl chloride  
Concen: 51.250 ug/l  
RT: 4.703 min Scan# 473  
Delta R.T. -0.012 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

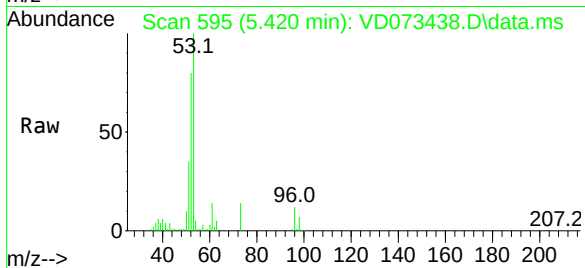
Tgt Ion: 41 Resp: 226624  
Ion Ratio Lower Upper  
41 100  
39 65.8 59.3 88.9  
76 38.8 25.7 38.5#



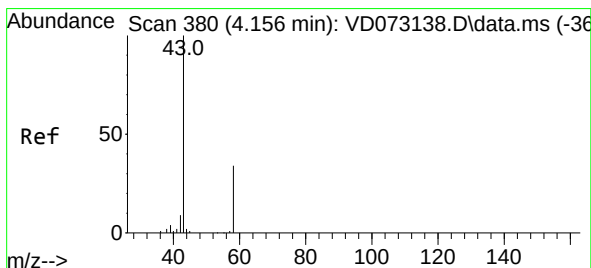
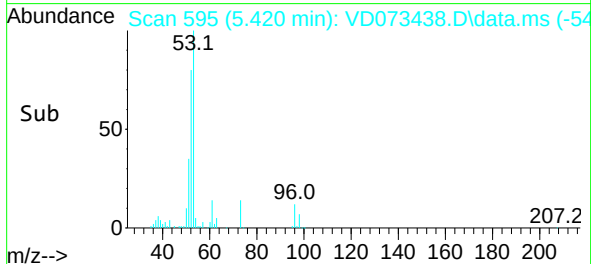
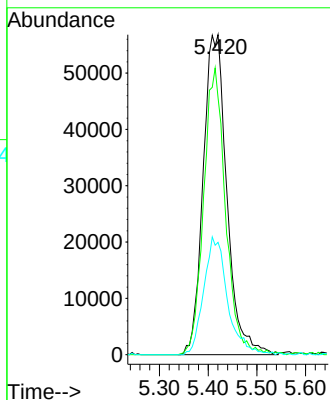


#15  
Acrylonitrile  
Concen: 307.508 ug/l  
RT: 5.420 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Instrument :  
MSVOA\_D  
ClientSampleId :

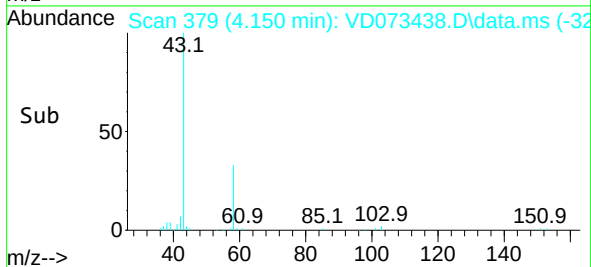
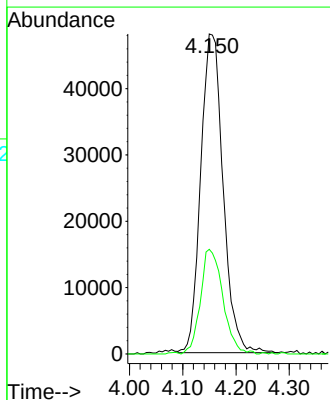
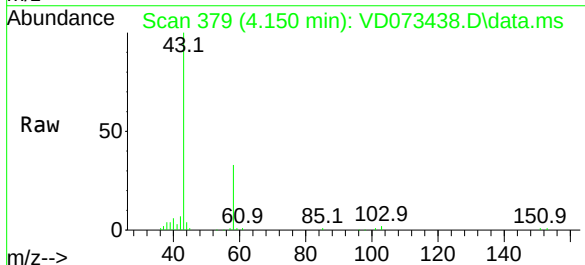


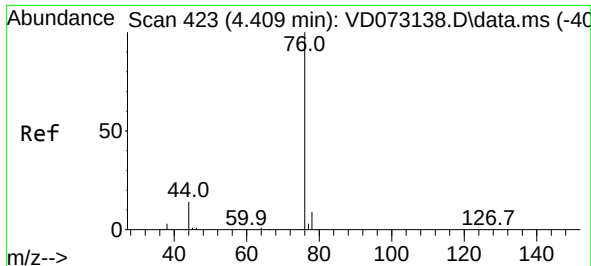
Tgt Ion: 53 Resp: 192423  
Ion Ratio Lower Upper  
53 100  
52 82.7 67.2 100.8  
51 36.8 30.3 45.5



#16  
Acetone  
Concen: 268.800 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion: 43 Resp: 140260  
Ion Ratio Lower Upper  
43 100  
58 32.8 22.1 33.1

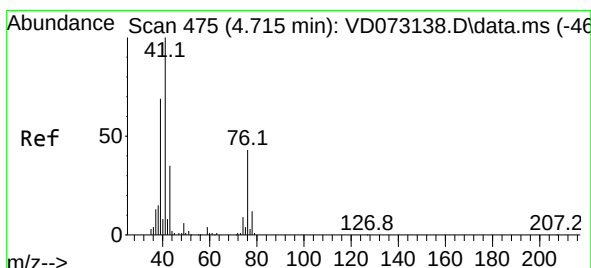
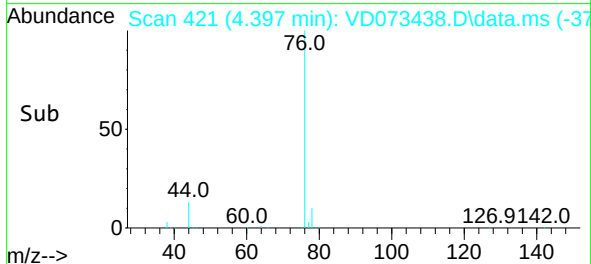
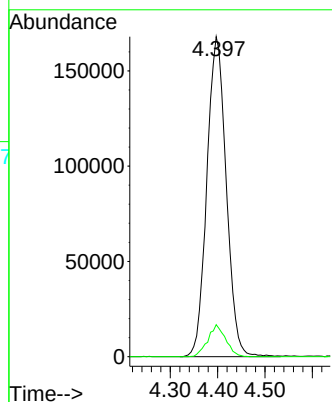
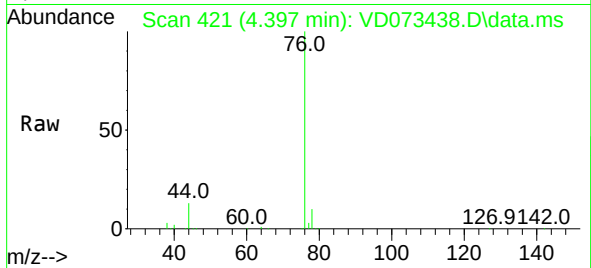




#17  
Carbon Disulfide  
Concen: 52.491 ug/l  
RT: 4.397 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

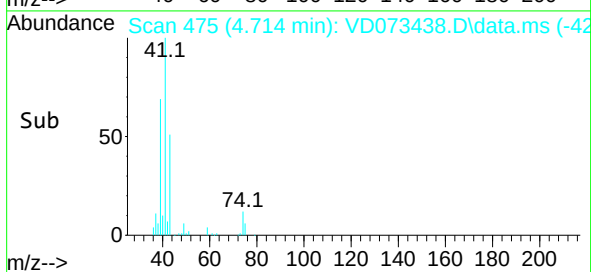
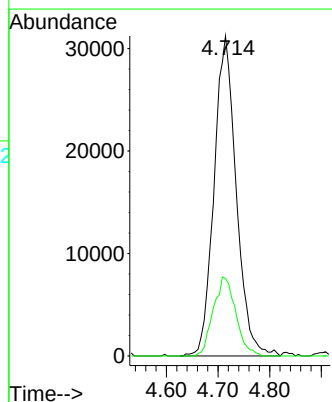
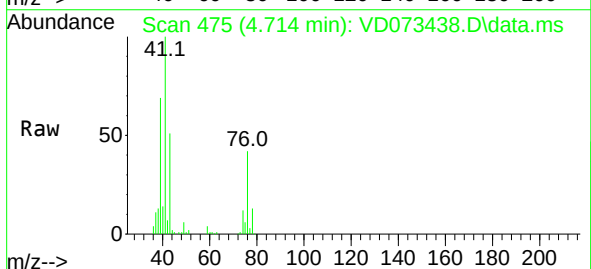
Instrument :  
MSVOA\_D  
ClientSampleId :

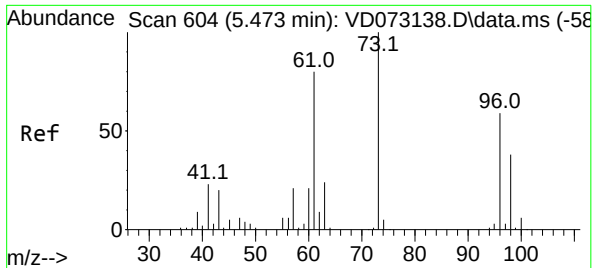
Tgt Ion: 76 Resp: 476696  
Ion Ratio Lower Upper  
76 100  
78 10.0 7.5 11.3



#18  
Methyl Acetate  
Concen: 64.244 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.001 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion: 43 Resp: 93216  
Ion Ratio Lower Upper  
43 100  
74 25.0 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 61.193 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

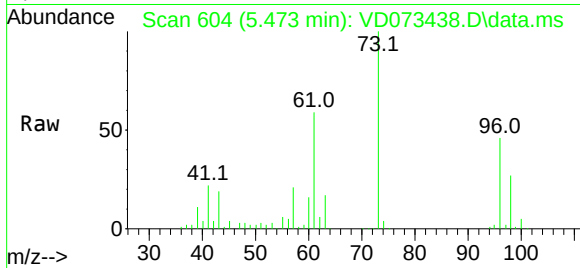
Lab File: VD073438.D

Acq: 31 May 2022 21:42

Instrument :

MSVOA\_D

ClientSampleId :

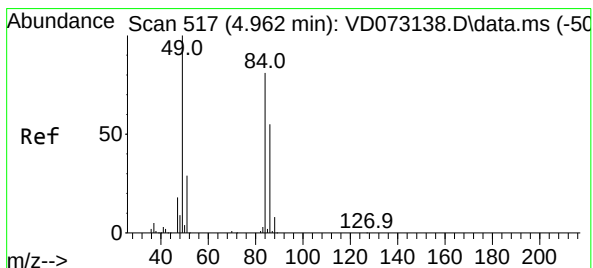
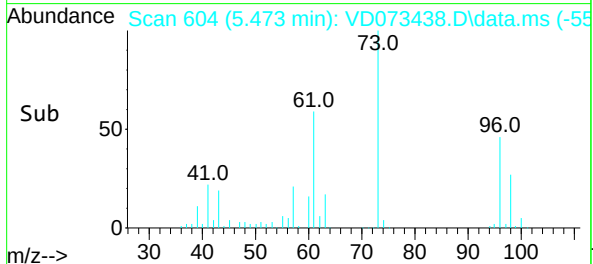
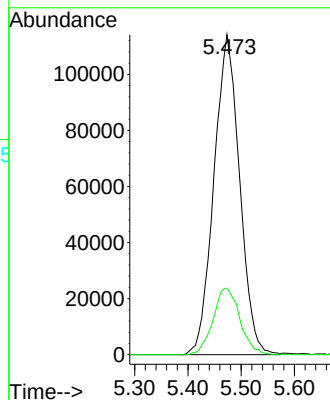


Tgt Ion: 73 Resp: 381899

Ion Ratio Lower Upper

73 100

57 20.8 18.0 27.0



#20

Methylene Chloride

Concen: 60.457 ug/l

RT: 4.955 min Scan# 516

Delta R.T. -0.007 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

Tgt Ion: 84 Resp: 197331

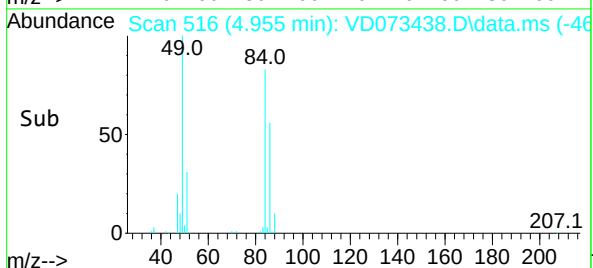
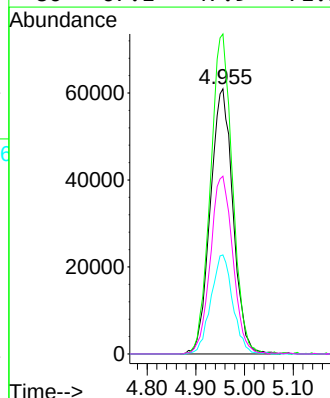
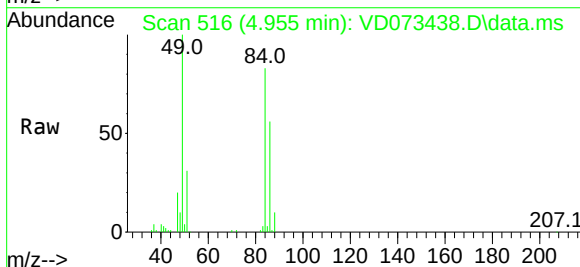
Ion Ratio Lower Upper

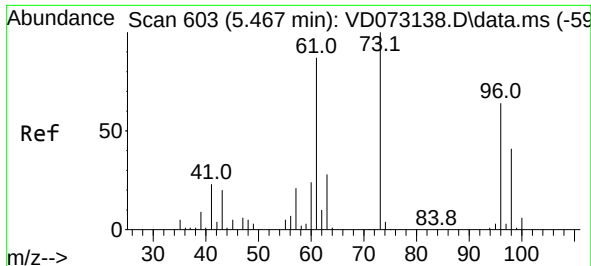
84 100

49 120.7 112.8 169.2

51 37.4 32.6 48.8

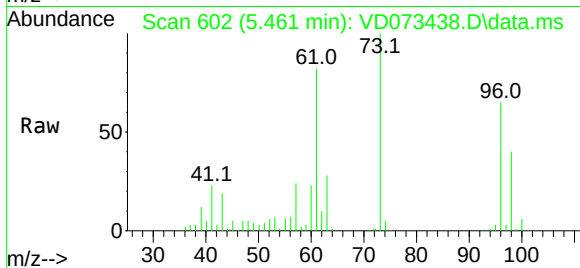
86 67.1 47.9 71.9





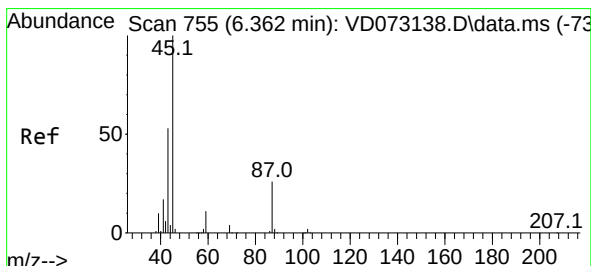
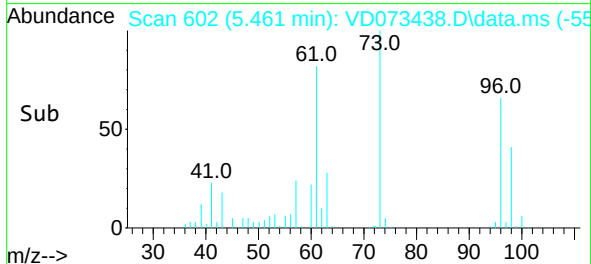
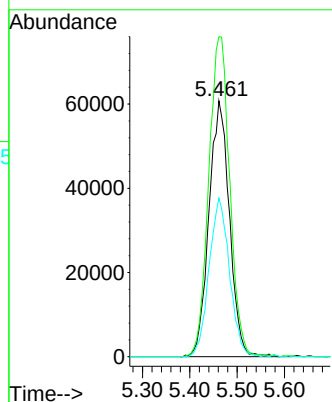
#21  
trans-1,2-Dichloroethene  
Concen: 55.077 ug/l  
RT: 5.461 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Instrument :  
MSVOA\_D  
ClientSampleId :



Tgt Ion: 96 Resp: 182429

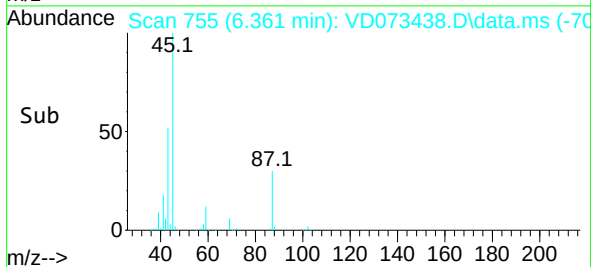
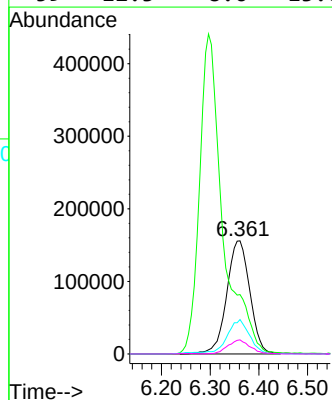
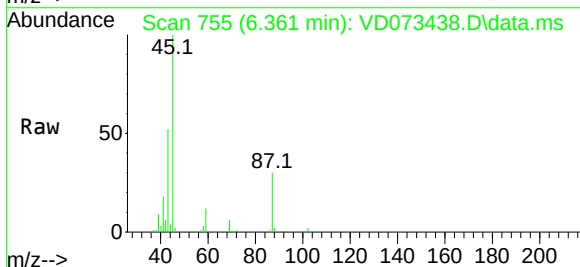
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 125.1 | 117.9 | 176.9 |
| 98  | 62.0  | 49.4  | 74.2  |

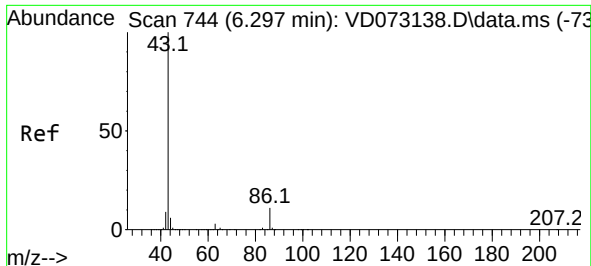


#22  
Diisopropyl ether  
Concen: 55.305 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.001 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion: 45 Resp: 512661

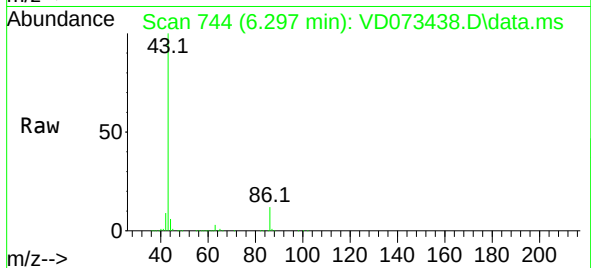
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 51.5  | 46.6  | 70.0  |
| 87  | 30.2  | 18.4  | 27.6# |
| 59  | 12.3  | 8.6   | 13.0  |



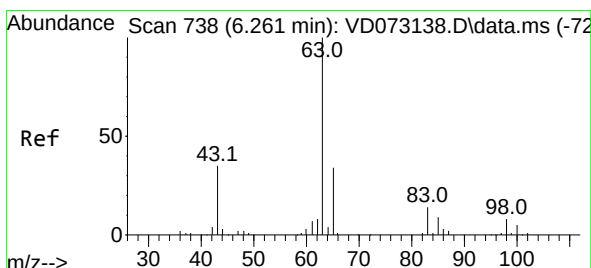
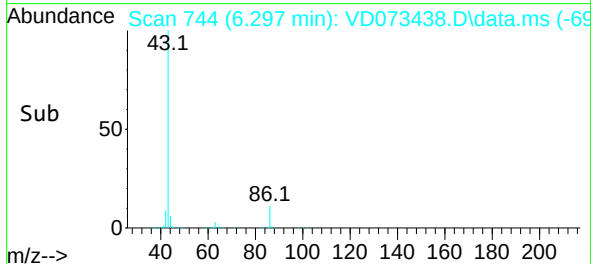
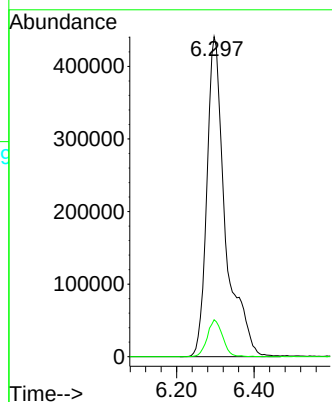


#23  
 Vinyl Acetate  
 Concen: 295.415 ug/l  
 RT: 6.297 min Scan# 744  
 Delta R.T. -0.000 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42

Instrument :  
 MSVOA\_D  
 ClientSampleId :

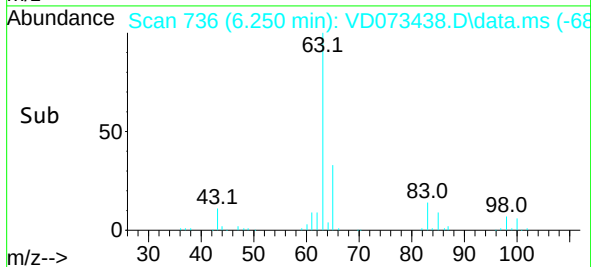
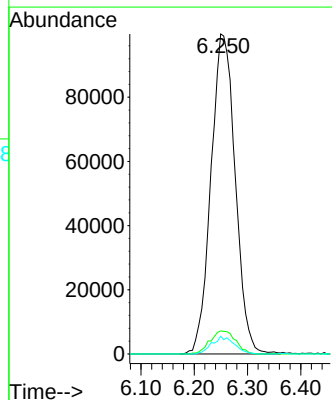
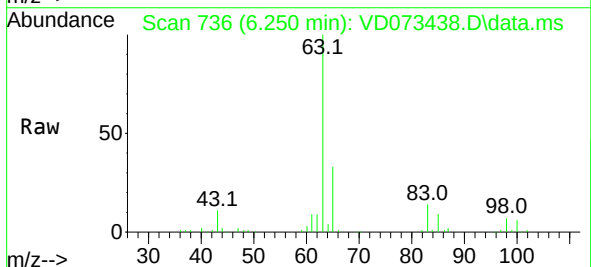


Tgt Ion: 43 Resp: 1460675  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 7.1 10.7#

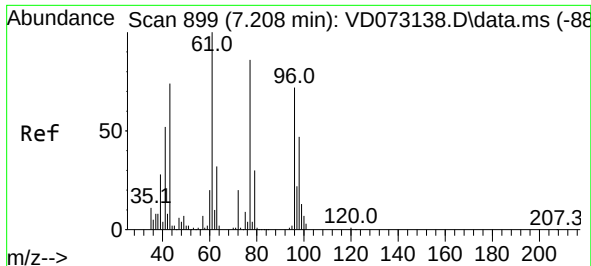


#24  
 1,1-Dichloroethane  
 Concen: 53.053 ug/l  
 RT: 6.250 min Scan# 736  
 Delta R.T. -0.011 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42

Tgt Ion: 63 Resp: 315670  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.6 10.9  
 100 5.5 2.1 6.5



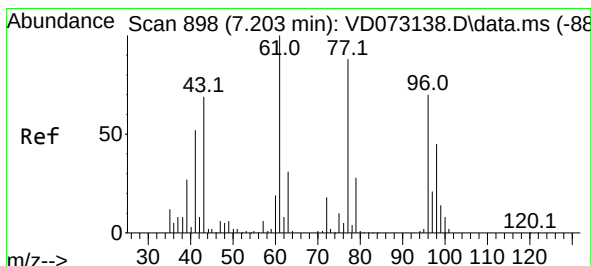
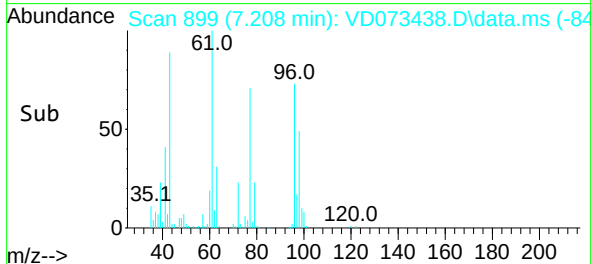
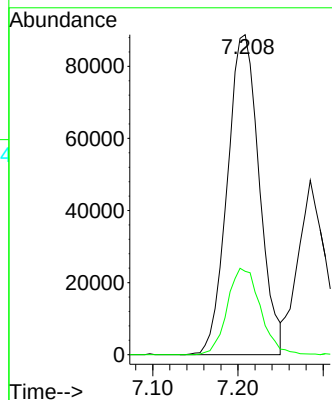
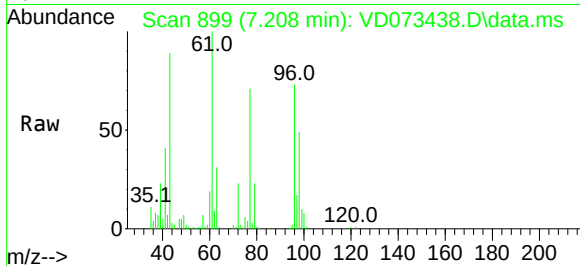




#25  
2-Butanone  
Concen: 303.154 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

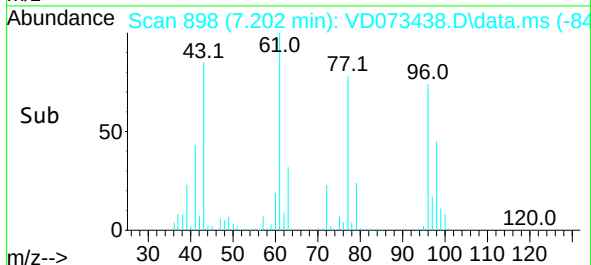
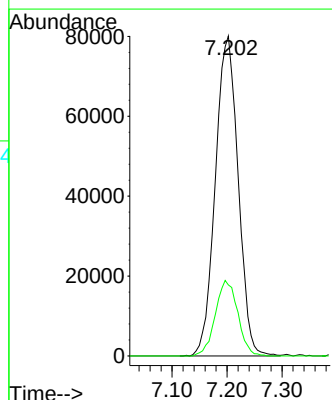
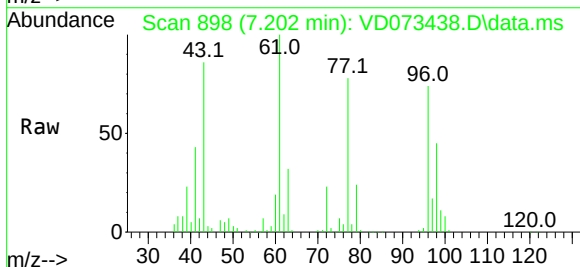
Instrument :  
MSVOA\_D  
ClientSampleId :

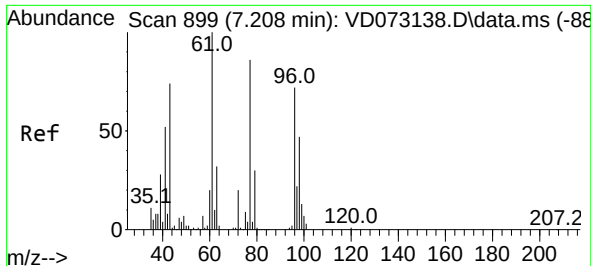
Tgt Ion: 43 Resp: 231432  
Ion Ratio Lower Upper  
43 100  
72 26.1 18.6 27.8



#26  
2,2-Dichloropropane  
Concen: 45.508 ug/l  
RT: 7.202 min Scan# 898  
Delta R.T. -0.001 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion: 77 Resp: 230920  
Ion Ratio Lower Upper  
77 100  
97 23.3 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 54.263 ug/l

RT: 7.202 min Scan# 899

Delta R.T. -0.006 min

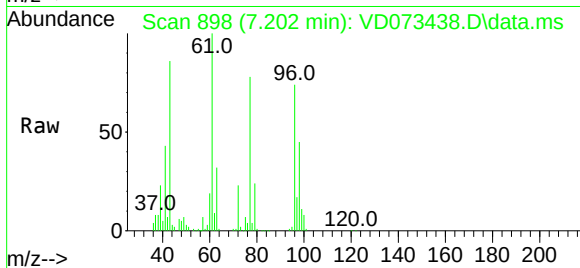
Lab File: VD073438.D

Acq: 31 May 2022 21:42

Instrument :

MSVOA\_D

ClientSampleId :



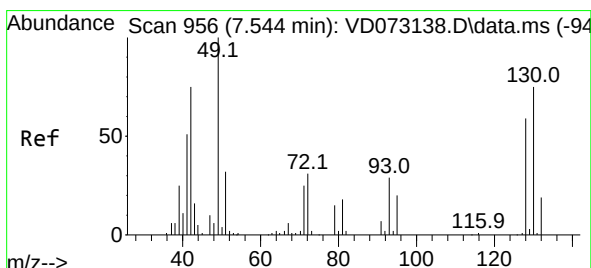
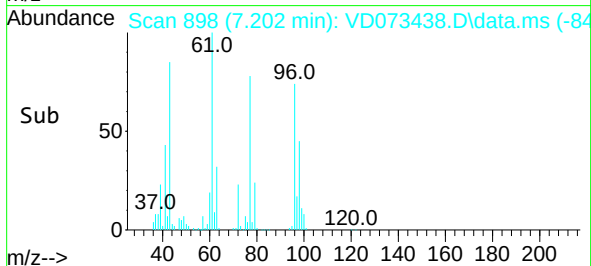
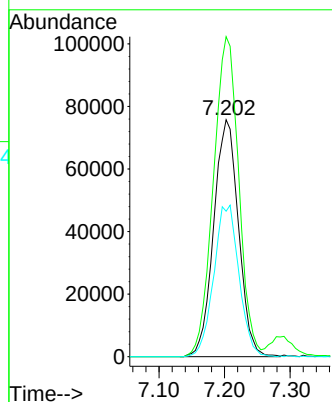
Tgt Ion: 96 Resp: 198878

Ion Ratio Lower Upper

96 100

61 137.8 0.0 313.8

98 65.1 0.0 128.8



#28

Bromochloromethane

Concen: 51.689 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.006 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

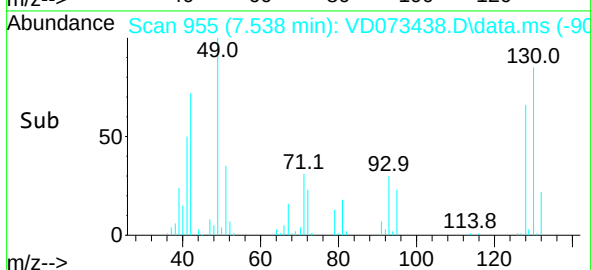
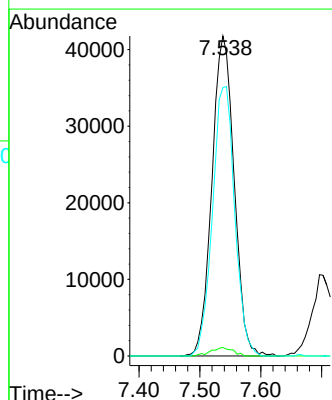
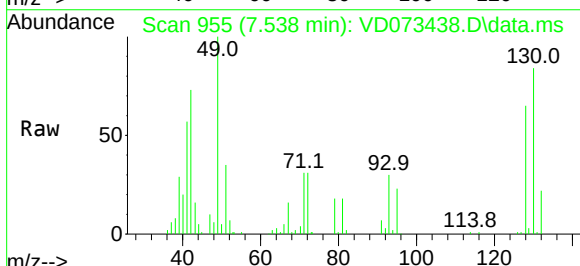
Tgt Ion: 49 Resp: 105955

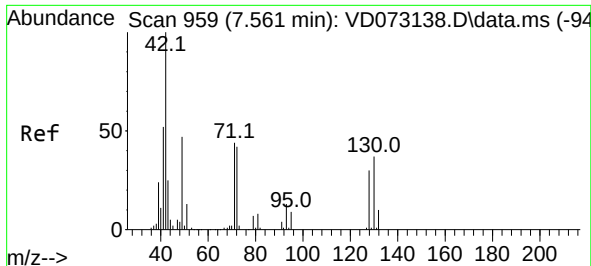
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.0

130 84.2 52.6 79.0#





#29

Tetrahydrofuran

Concen: 321.876 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

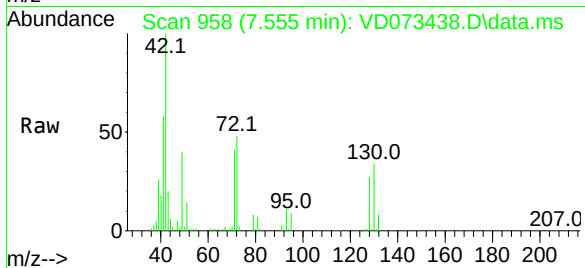
Lab File: VD073438.D

Acq: 31 May 2022 21:42

Instrument :

MSVOA\_D

ClientSampleId :



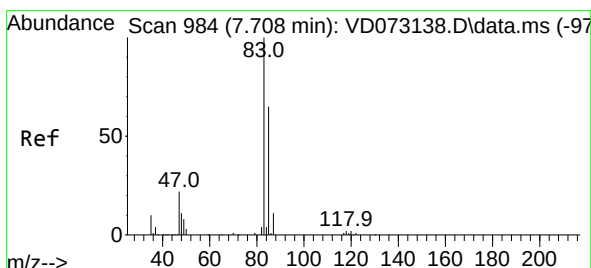
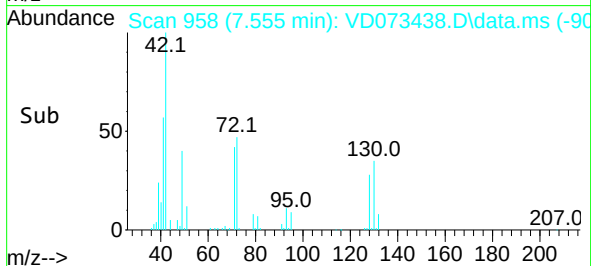
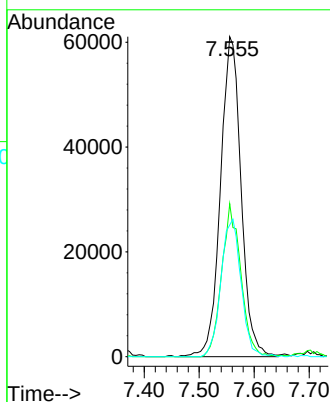
Tgt Ion: 42 Resp: 158890

Ion Ratio Lower Upper

42 100

72 44.3 30.7 46.1

71 42.1 28.6 43.0



#30

Chloroform

Concen: 53.539 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073438.D

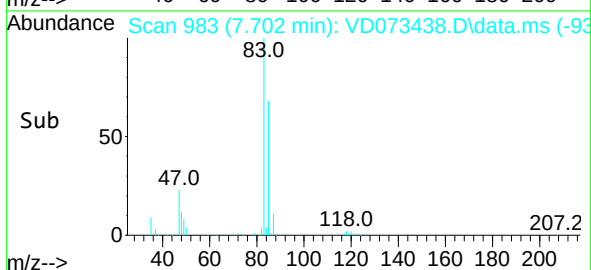
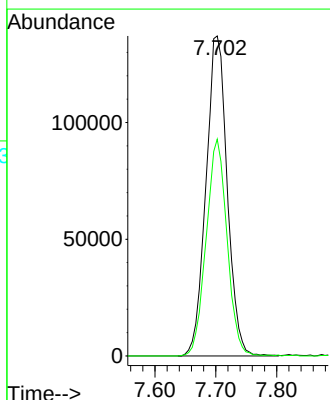
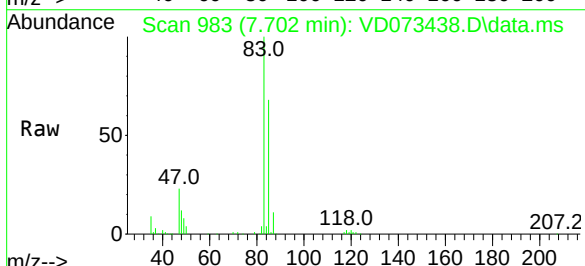
Acq: 31 May 2022 21:42

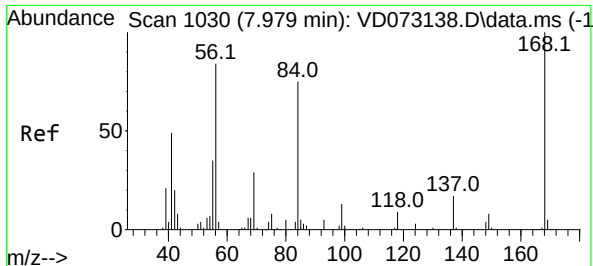
Tgt Ion: 83 Resp: 332575

Ion Ratio Lower Upper

83 100

85 67.8 52.7 79.1





#31

Cyclohexane

Concen: 48.248 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

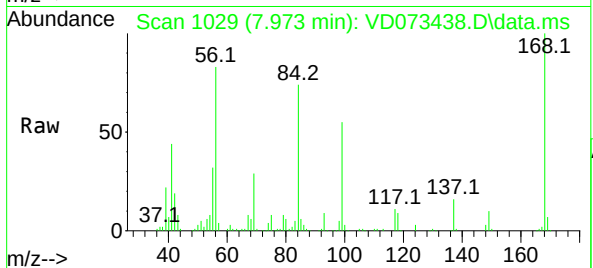
Lab File: VD073438.D

Acq: 31 May 2022 21:42

Instrument :

MSVOA\_D

ClientSampleId :



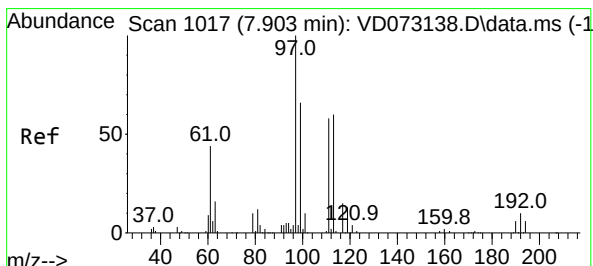
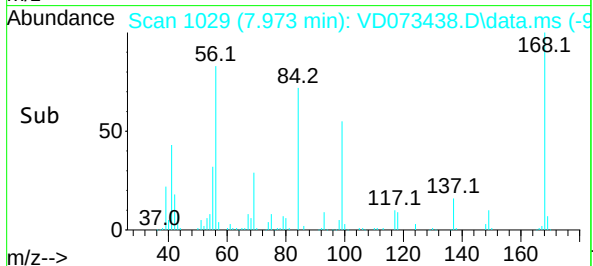
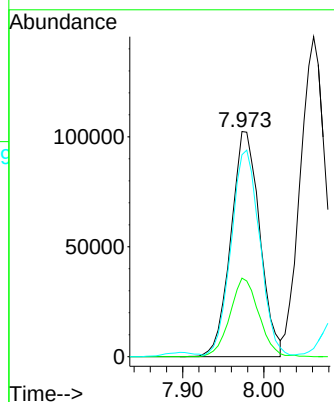
Tgt Ion: 56 Resp: 254000

Ion Ratio Lower Upper

56 100

69 34.9 25.4 38.2

84 87.8 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 52.715 ug/l

RT: 7.896 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

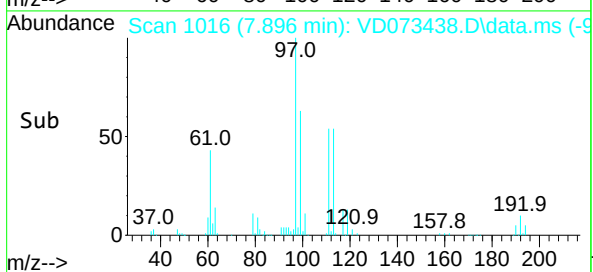
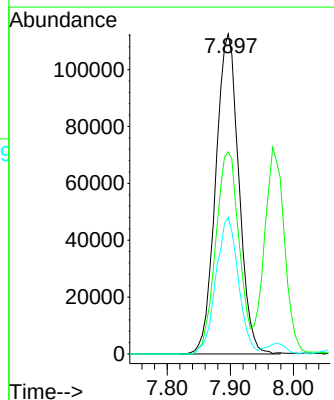
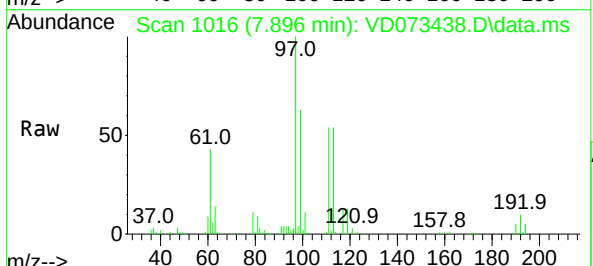
Tgt Ion: 97 Resp: 286401

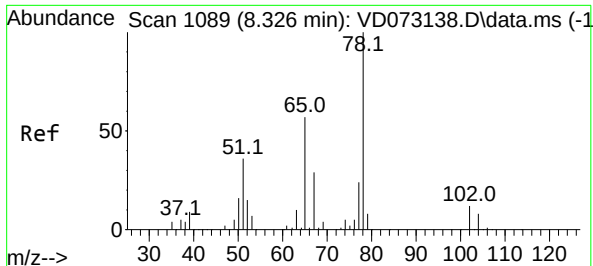
Ion Ratio Lower Upper

97 100

99 63.7 52.4 78.6

61 41.4 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 55.774 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

Instrument :

MSVOA\_D

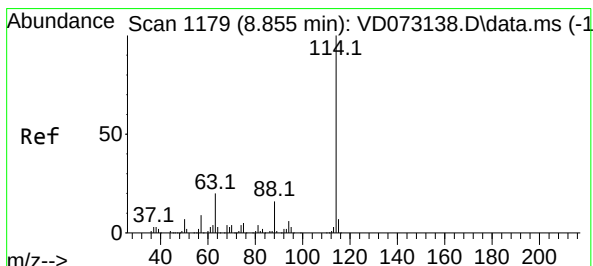
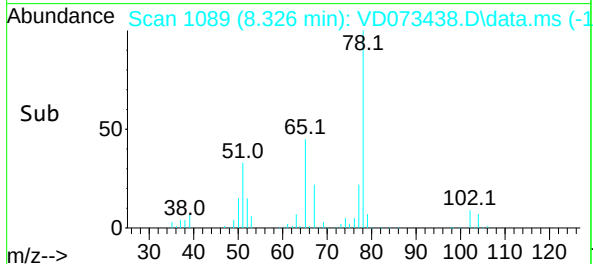
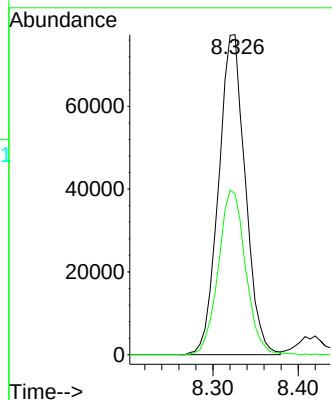
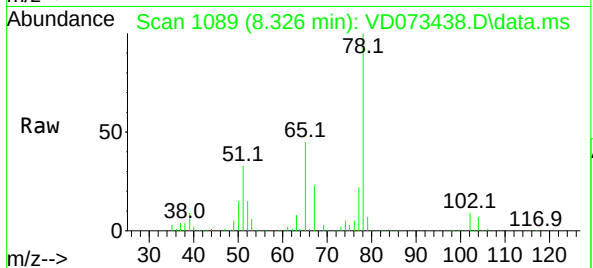
ClientSampleId :

Tgt Ion: 65 Resp: 168022

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

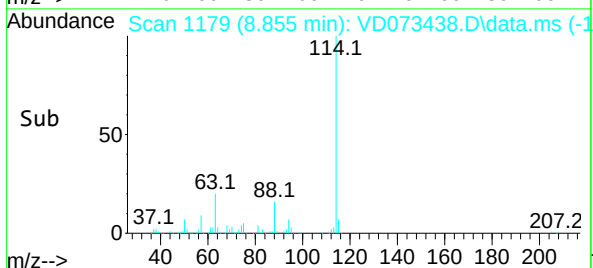
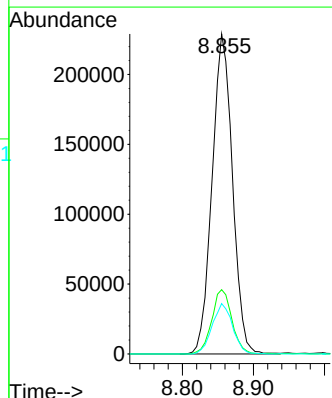
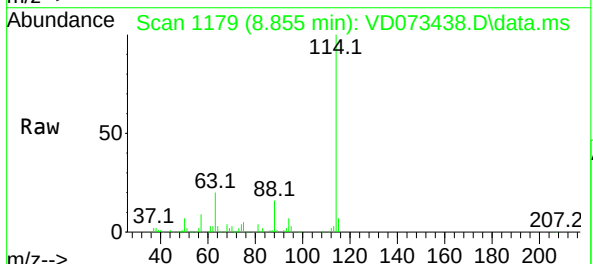
Tgt Ion:114 Resp: 455340

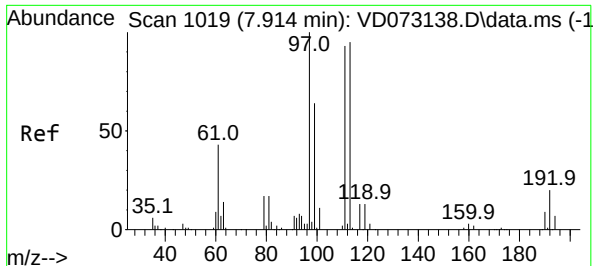
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 56.421 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.012 min

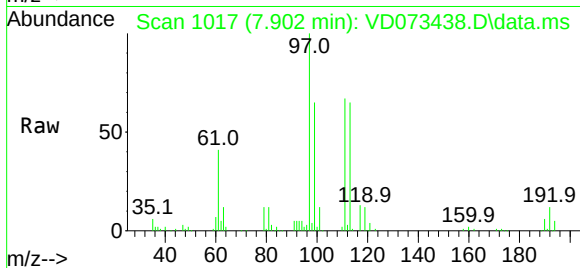
Lab File: VD073438.D

Acq: 31 May 2022 21:42

Instrument :

MSVOA\_D

ClientSampleId :



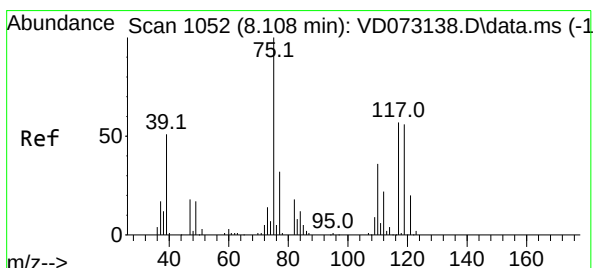
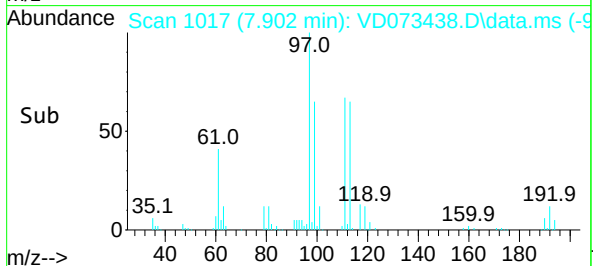
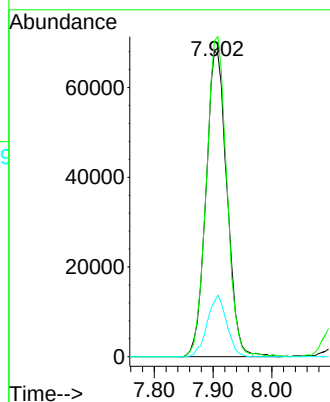
Tgt Ion:113 Resp: 169525

Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 52.899 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

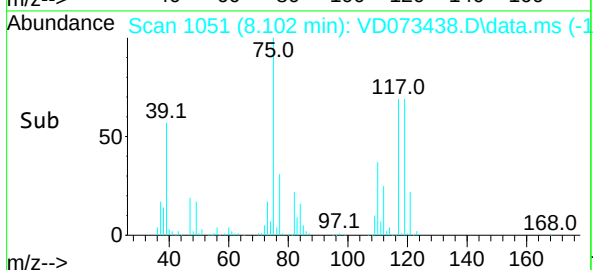
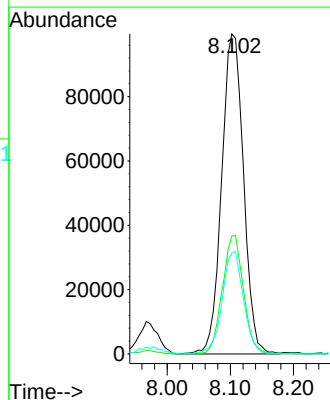
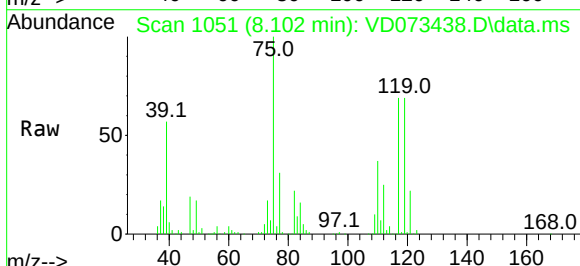
Tgt Ion: 75 Resp: 239047

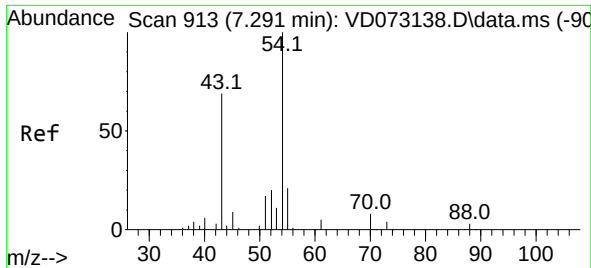
Ion Ratio Lower Upper

75 100

110 35.7 16.4 49.1

77 31.4 24.2 36.2





#37

Ethyl Acetate

Concen: 62.868 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073438.D

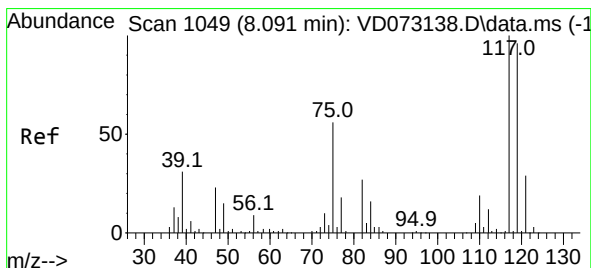
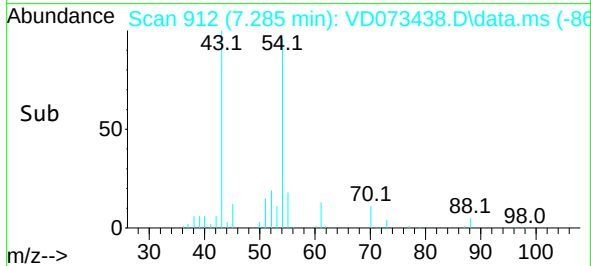
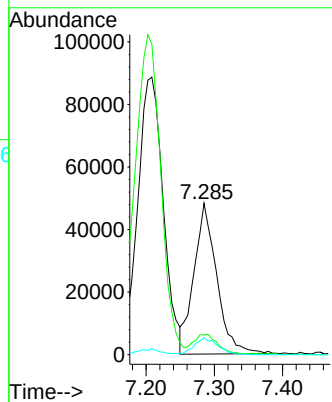
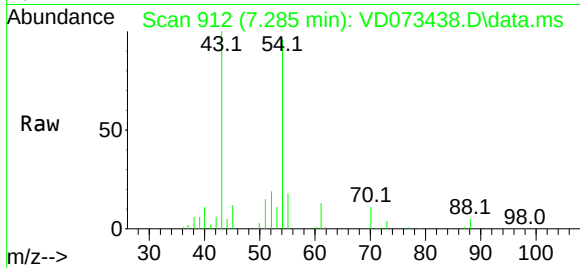
Acq: 31 May 2022 21:42

Instrument :

MSVOA\_D

ClientSampleId :

|             |               |
|-------------|---------------|
| Tgt Ion: 43 | Resp: 112215  |
| Ion Ratio   | Lower Upper   |
| 43          | 100           |
| 61          | 13.9 9.8 14.8 |
| 70          | 11.4 6.9 10.3 |



#38

Carbon Tetrachloride

Concen: 54.822 ug/l

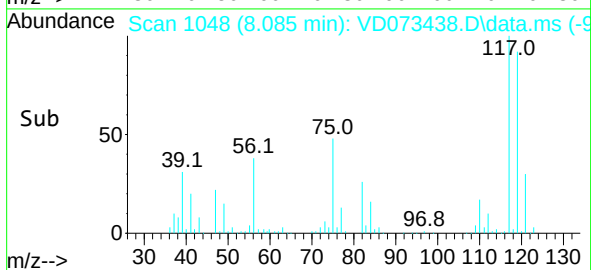
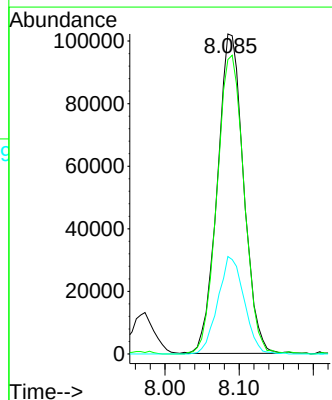
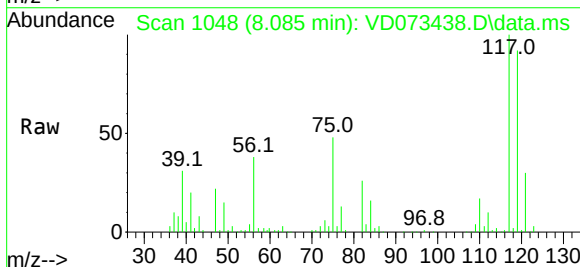
RT: 8.085 min Scan# 1048

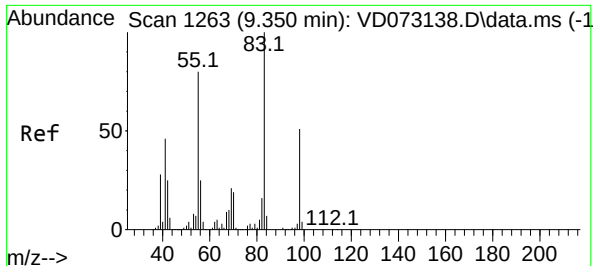
Delta R.T. -0.006 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 251126    |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 92.2 75.8 113.6 |
| 121          | 30.5 24.5 36.7  |





#39

Methylcyclohexane

Concen: 53.435 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.001 min

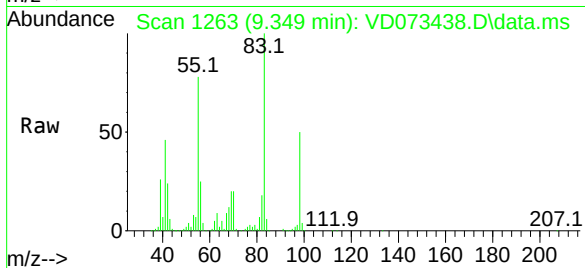
Lab File: VD073438.D

Acq: 31 May 2022 21:42

Instrument :

MSVOA\_D

ClientSampleId :



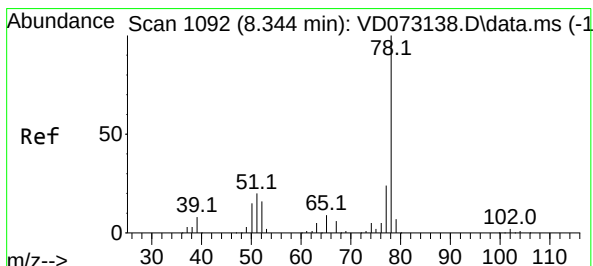
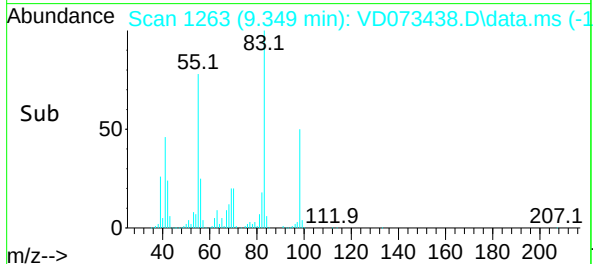
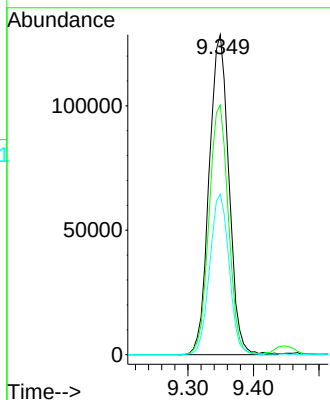
Tgt Ion: 83 Resp: 269105

Ion Ratio Lower Upper

83 100

55 78.0 63.2 94.8

98 50.1 38.2 57.4



#40

Benzene

Concen: 55.181 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073438.D

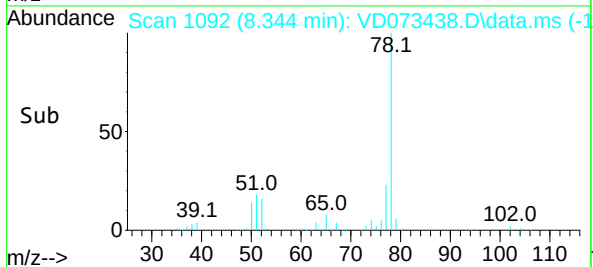
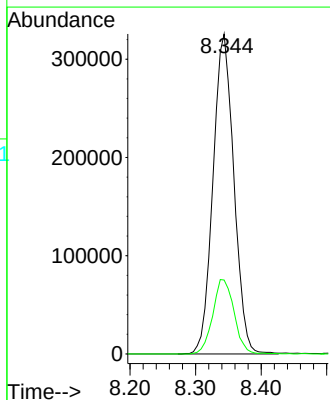
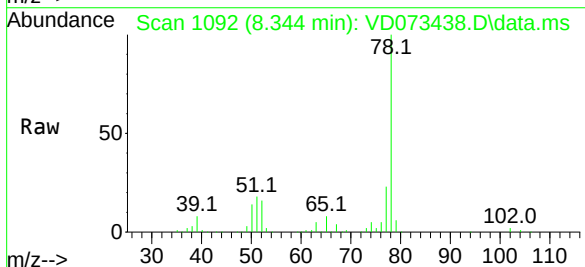
Acq: 31 May 2022 21:42

Tgt Ion: 78 Resp: 718658

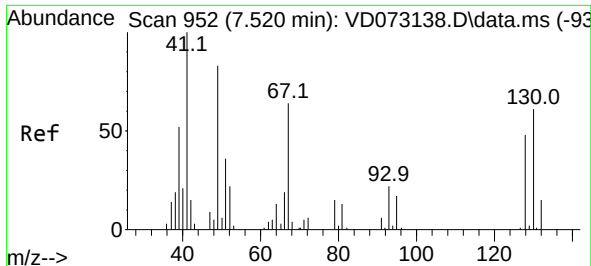
Ion Ratio Lower Upper

78 100

77 23.1 19.1 28.7

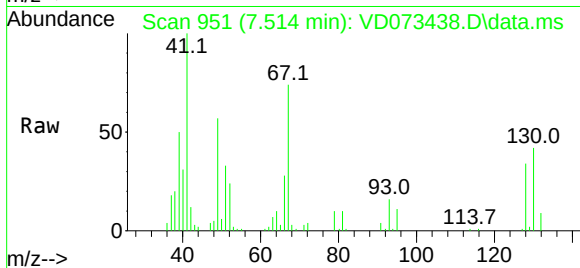




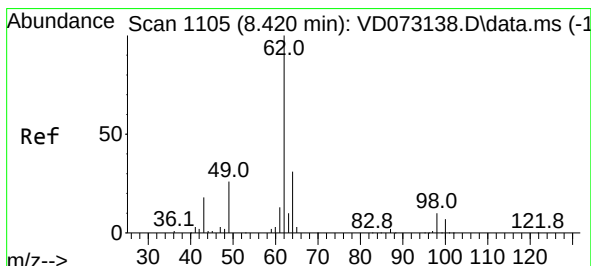
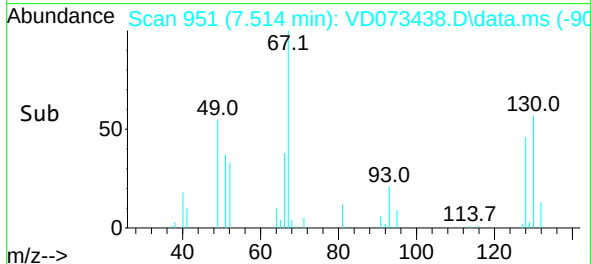
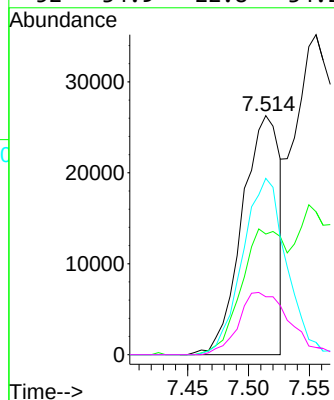


#41  
Methacrylonitrile  
Concen: 54.271 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Instrument :  
MSVOA\_D  
ClientSampleId :

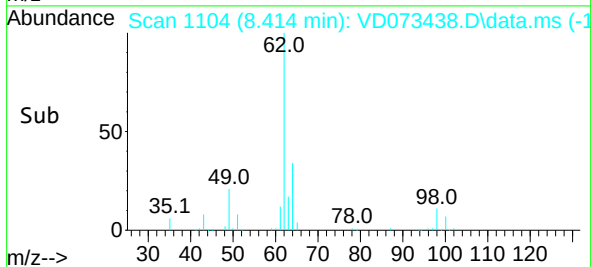
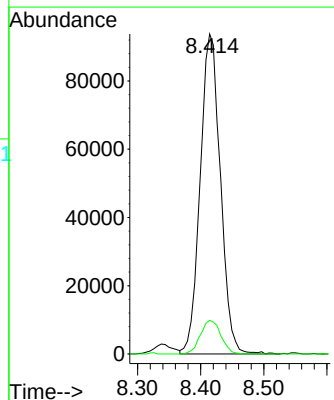
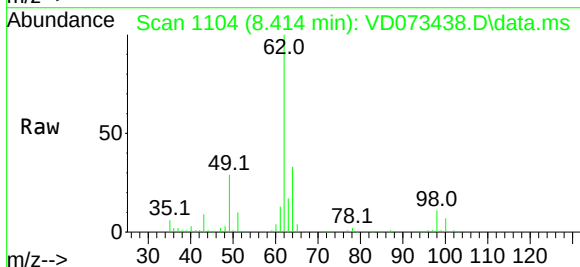


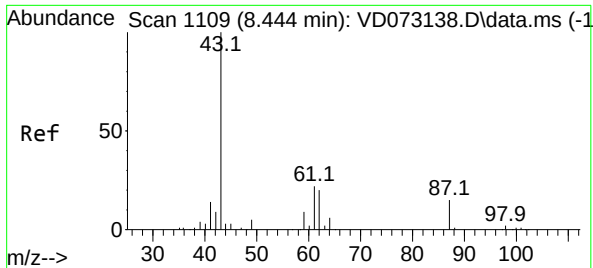
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 56440 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 61.5  | 44.6  | 67.0  |
| 67       | 86.2  | 48.2  | 72.4# |
| 52       | 34.9  | 22.8  | 34.2# |



#42  
1,2-Dichloroethane  
Concen: 57.634 ug/l  
RT: 8.414 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 208853 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.6  | 0.0   | 17.6   |

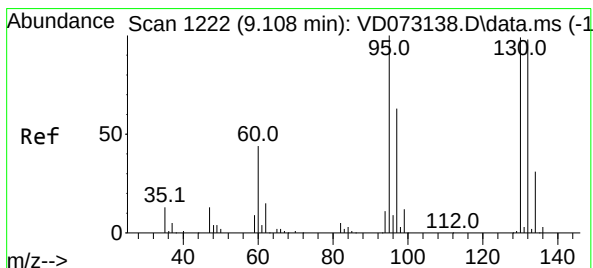
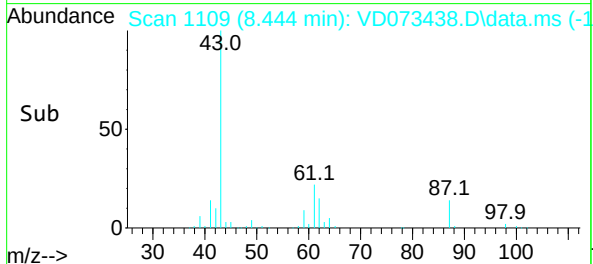
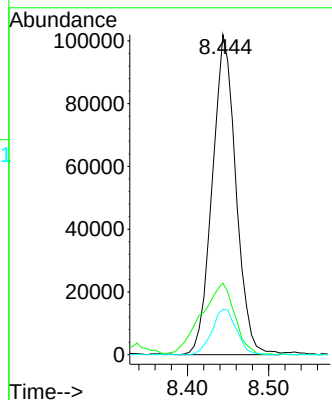
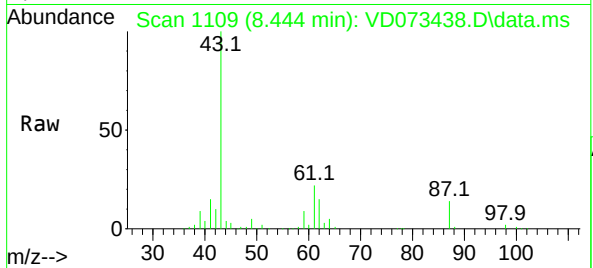




#43  
Isopropyl Acetate  
Concen: 62.594 ug/l  
RT: 8.444 min Scan# 1109  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

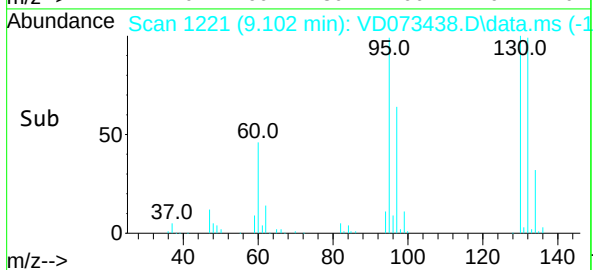
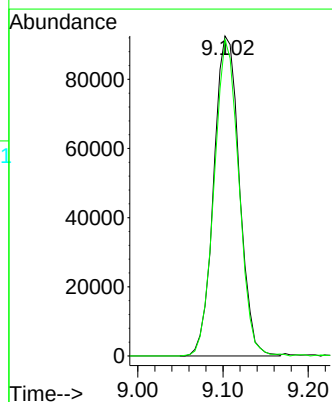
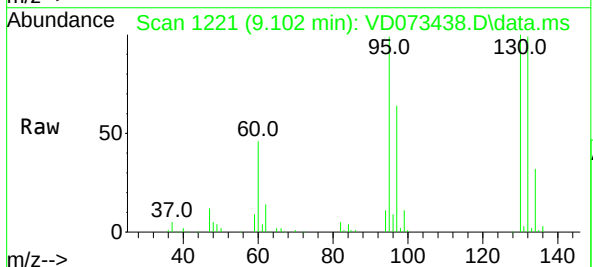
Instrument :  
MSVOA\_D  
ClientSampleId :

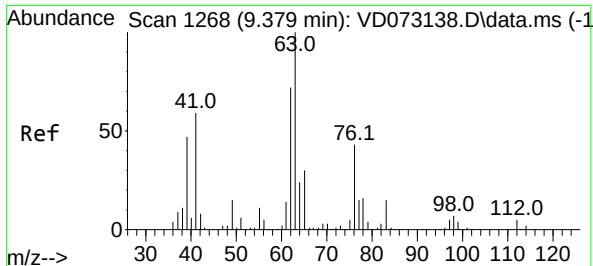
Tgt Ion: 43 Resp: 206511  
Ion Ratio Lower Upper  
43 100  
61 31.1 22.4 33.6  
87 14.7 8.7 13.1#



#44  
Trichloroethene  
Concen: 55.500 ug/l  
RT: 9.102 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion:130 Resp: 192747  
Ion Ratio Lower Upper  
130 100  
95 98.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 55.236 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

Instrument :

MSVOA\_D

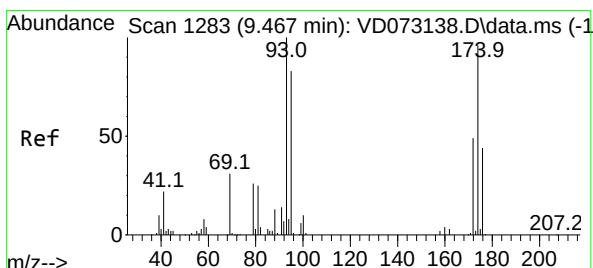
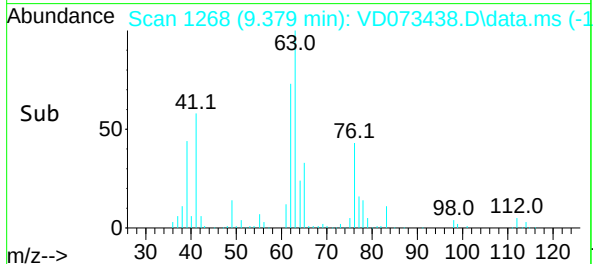
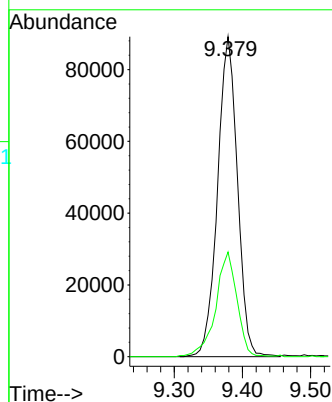
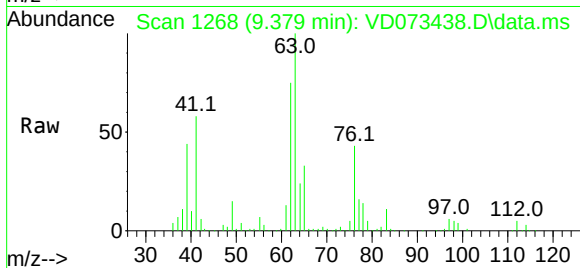
ClientSampleId :

Tgt Ion: 63 Resp: 181165

Ion Ratio Lower Upper

63 100

65 32.3 26.2 39.4



#46

Dibromomethane

Concen: 57.870 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

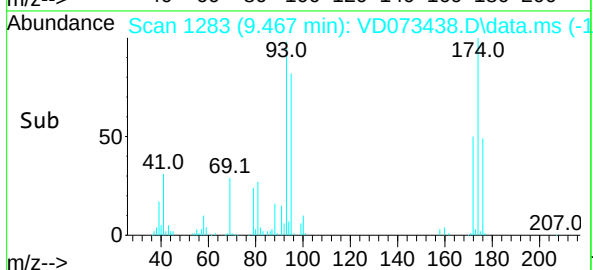
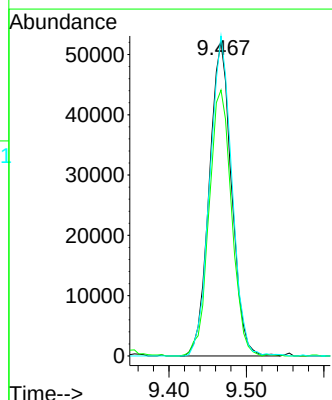
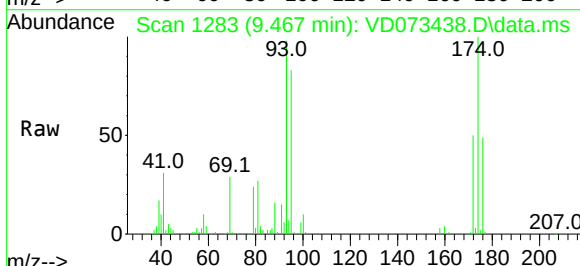
Tgt Ion: 93 Resp: 104243

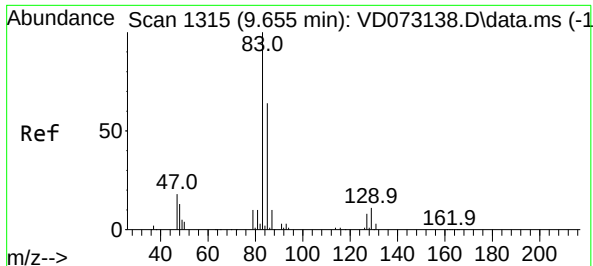
Ion Ratio Lower Upper

93 100

95 85.5 66.7 100.1

174 100.8 71.6 107.4

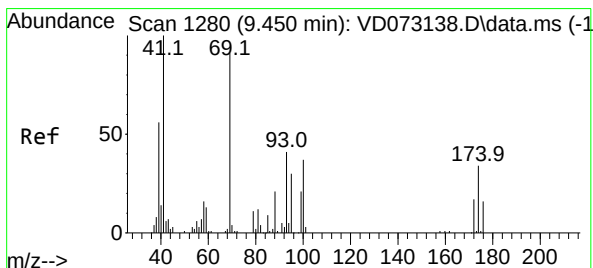
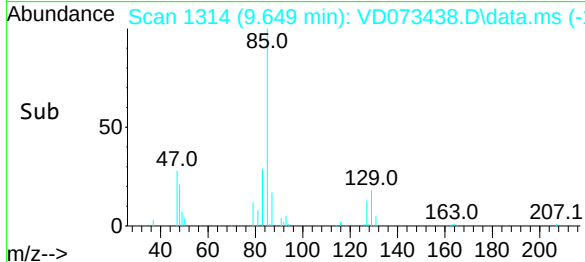
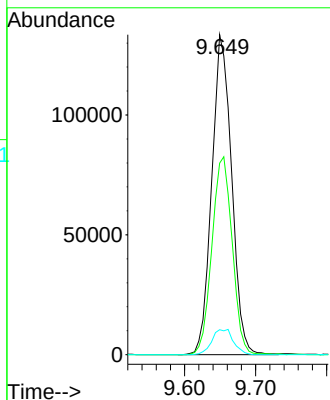
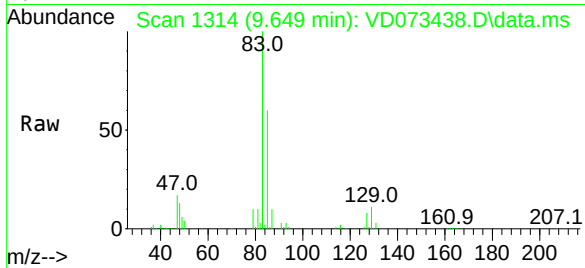




#47  
Bromodichloromethane  
Concen: 56.160 ug/l  
RT: 9.649 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

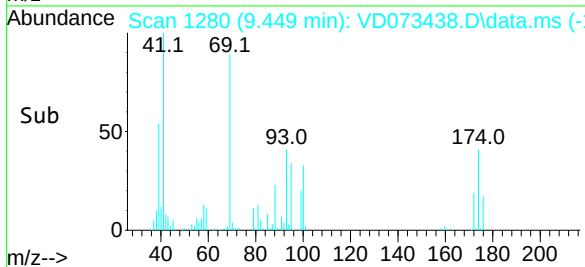
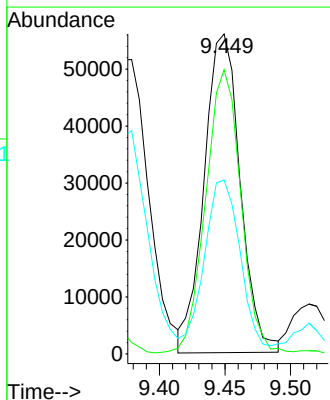
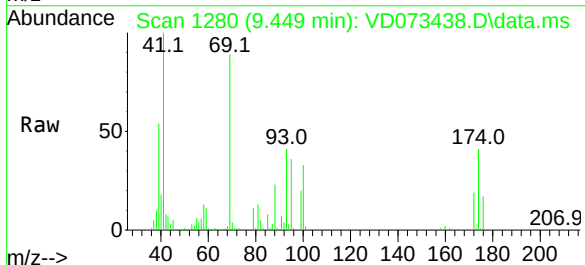
Instrument :  
MSVOA\_D  
ClientSampleId :

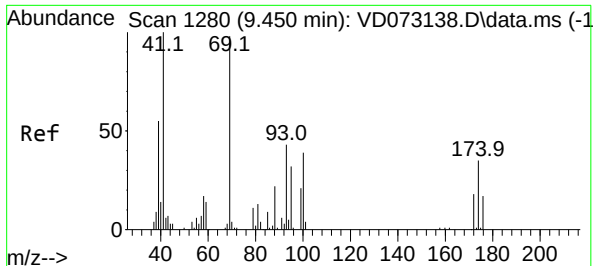
Tgt Ion: 83 Resp: 258848  
Ion Ratio Lower Upper  
83 100  
85 59.9 51.4 77.0  
127 7.8 6.1 9.1



#48  
Methyl methacrylate  
Concen: 64.539 ug/l  
RT: 9.449 min Scan# 1280  
Delta R.T. -0.001 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

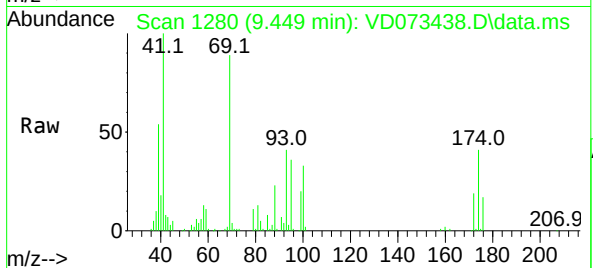
Tgt Ion: 41 Resp: 107128  
Ion Ratio Lower Upper  
41 100  
69 86.3 56.7 85.1#  
39 55.3 42.7 64.1



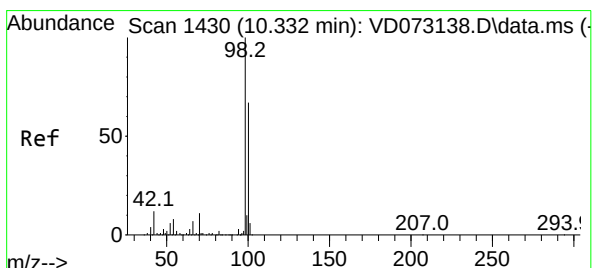
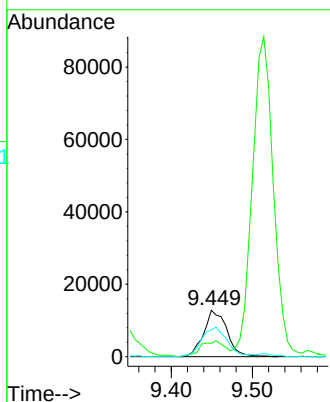
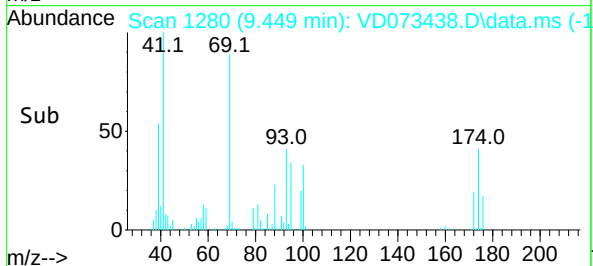


#49  
1,4-Dioxane  
Concen: 1369.329 ug/l  
RT: 9.449 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

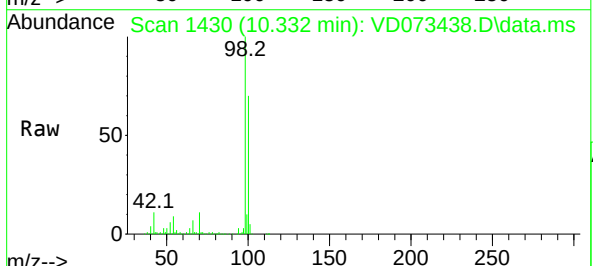
Instrument :  
MSVOA\_D  
ClientSampleId :



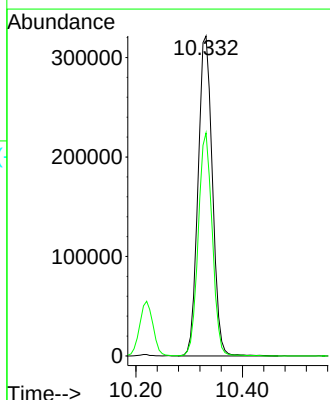
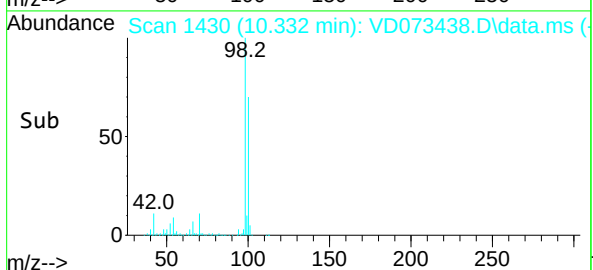
Tgt Ion: 88 Resp: 25473  
Ion Ratio Lower Upper  
88 100  
43 35.5 31.0 46.4  
58 70.3 58.1 87.1

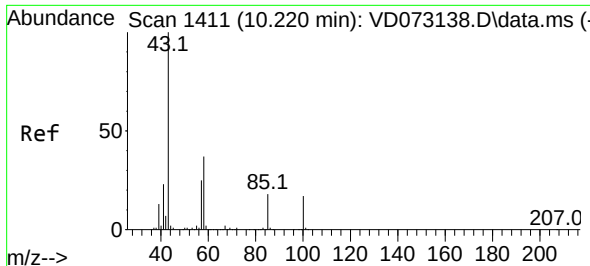


#50  
Toluene-d8  
Concen: 54.222 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42



Tgt Ion: 98 Resp: 600555  
Ion Ratio Lower Upper  
98 100  
100 67.7 52.4 78.6

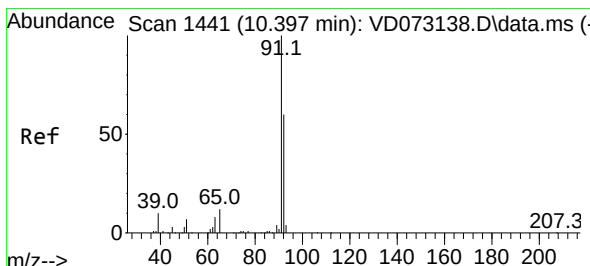
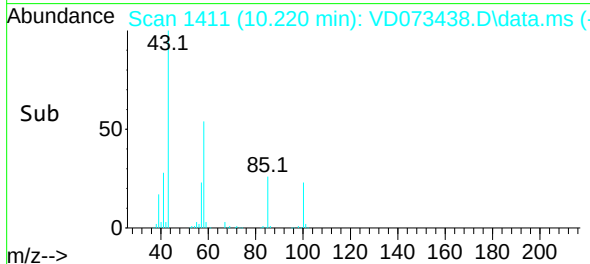
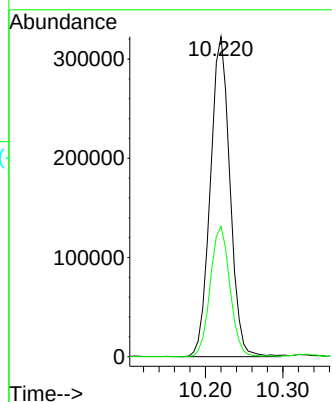
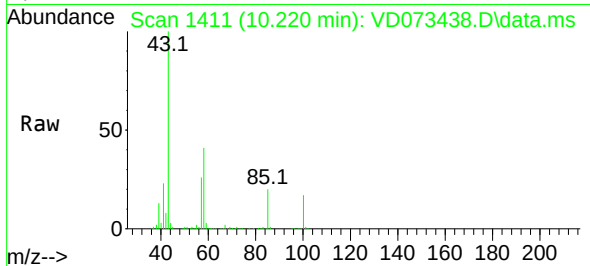




#51  
4-Methyl-2-Pentanone  
Concen: 330.957 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

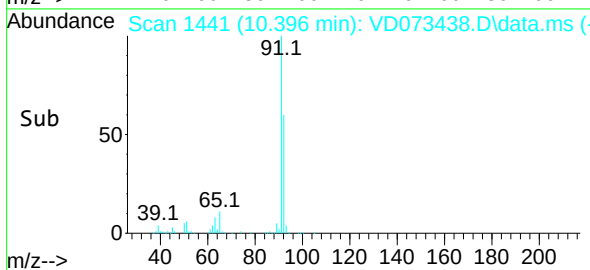
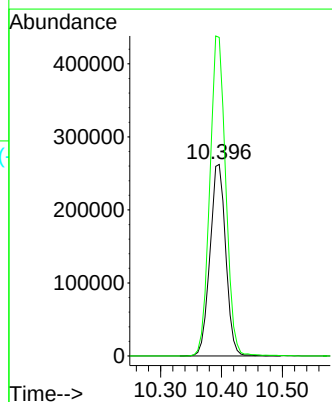
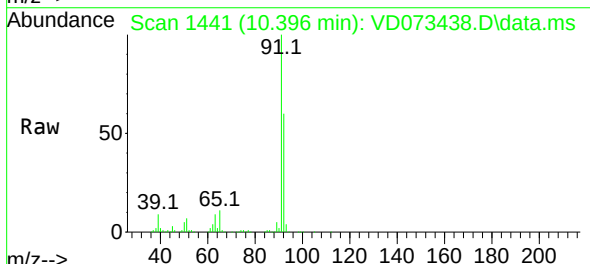
Instrument :  
MSVOA\_D  
ClientSampleId :

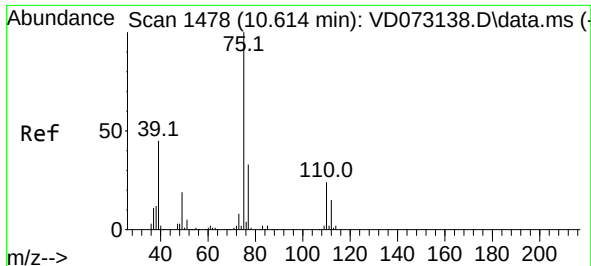
Tgt Ion: 43 Resp: 567115  
Ion Ratio Lower Upper  
43 100  
58 40.9 28.6 43.0



#52  
Toluene  
Concen: 57.175 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. -0.001 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion: 92 Resp: 470542  
Ion Ratio Lower Upper  
92 100  
91 169.1 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 57.215 ug/l

RT: 10.608 min Scan# 1478

Delta R.T. -0.006 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

Instrument :

MSVOA\_D

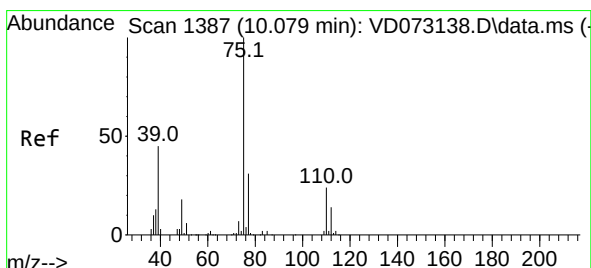
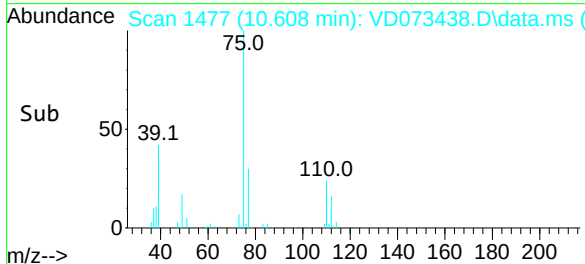
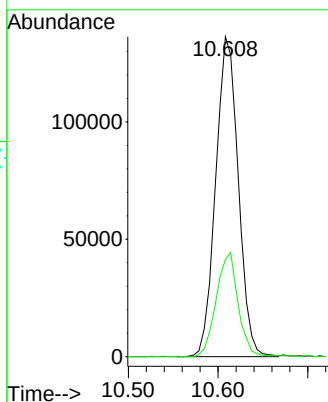
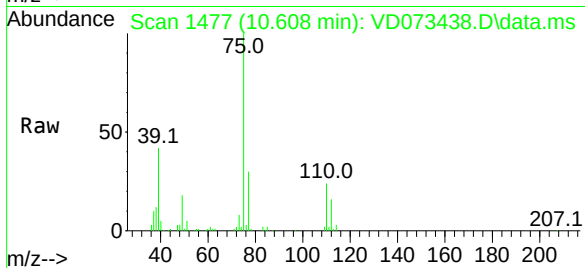
ClientSampleId :

Tgt Ion: 75 Resp: 238241

Ion Ratio Lower Upper

75 100

77 30.2 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 55.537 ug/l

RT: 10.079 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

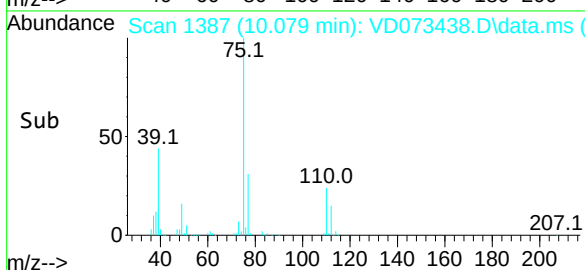
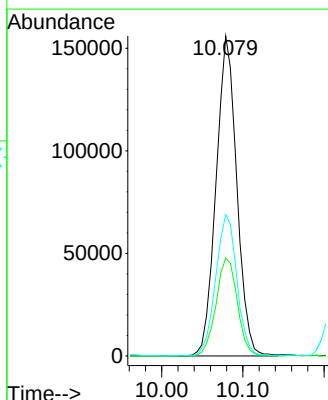
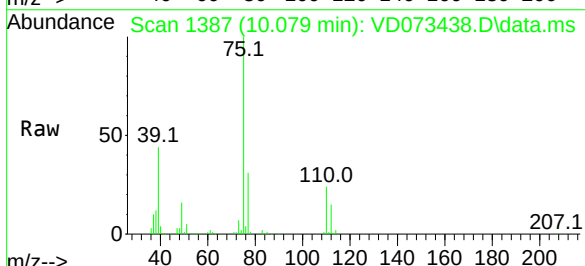
Tgt Ion: 75 Resp: 276736

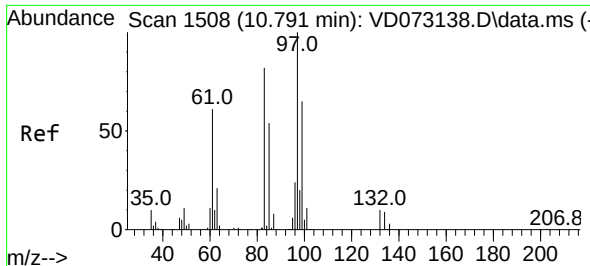
Ion Ratio Lower Upper

75 100

77 30.5 24.8 37.2

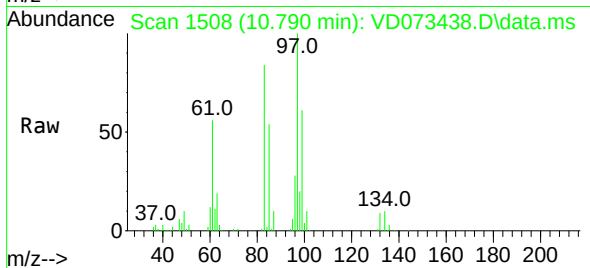
39 44.0 46.8 70.2#



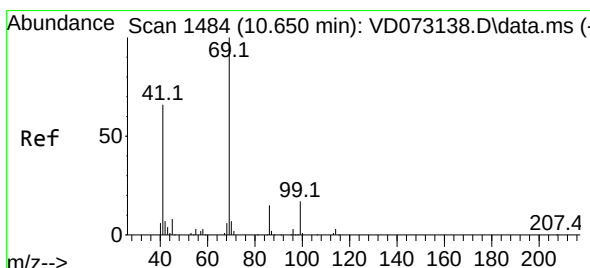
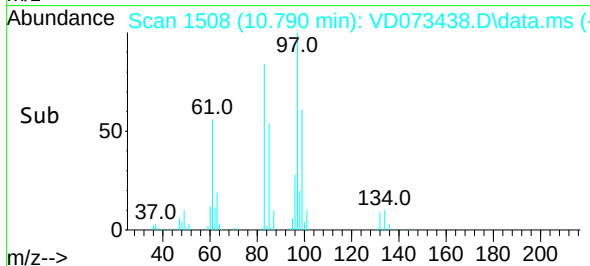
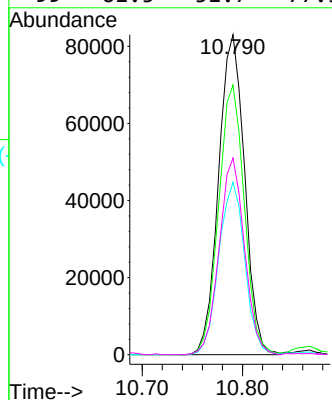


#55  
1,1,2-Trichloroethane  
Concen: 61.242 ug/l  
RT: 10.790 min Scan# 1508  
Delta R.T. -0.001 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Instrument :  
MSVOA\_D  
ClientSampleId :

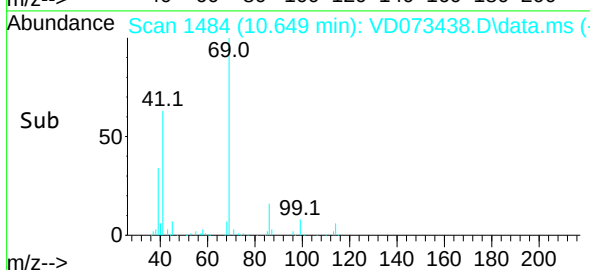
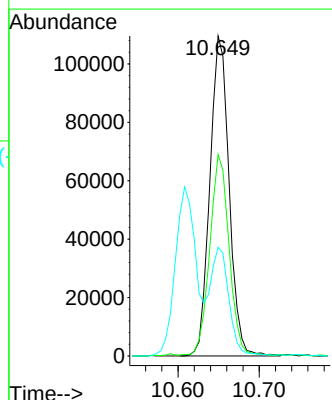
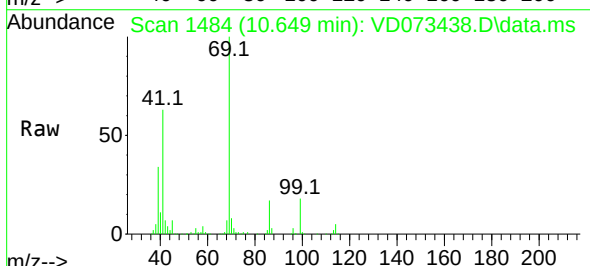


| Tgt Ion:  | 97   | Resp: | 149178 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 84.3 | 69.0  | 103.4  |
| 85        | 53.8 | 42.6  | 63.8   |
| 99        | 61.5 | 51.7  | 77.5   |

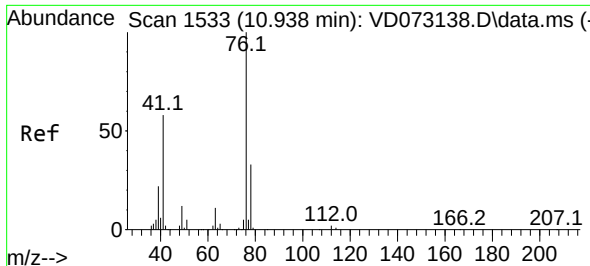


#56  
Ethyl methacrylate  
Concen: 66.465 ug/l  
RT: 10.649 min Scan# 1484  
Delta R.T. -0.001 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

| Tgt Ion:  | 69   | Resp: | 180008 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 41        | 62.8 | 63.0  | 94.6#  |
| 39        | 32.8 | 33.8  | 50.8#  |







#57

1,3-Dichloropropane

Concen: 59.505 ug/l

RT: 10.932 min Scan# 1532

Delta R.T. -0.006 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

Instrument :

MSVOA\_D

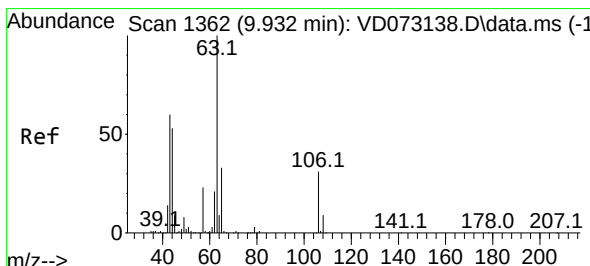
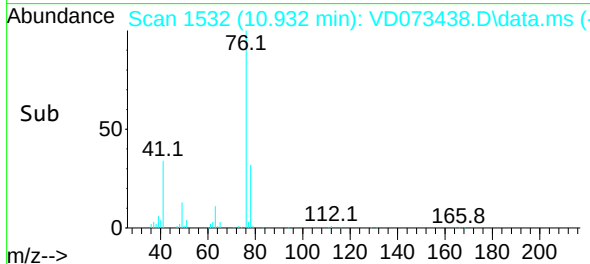
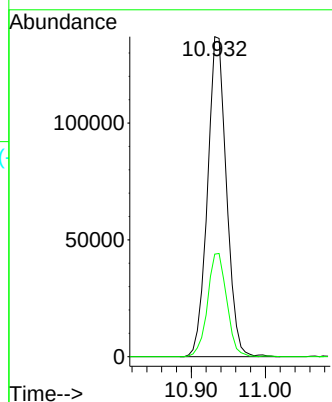
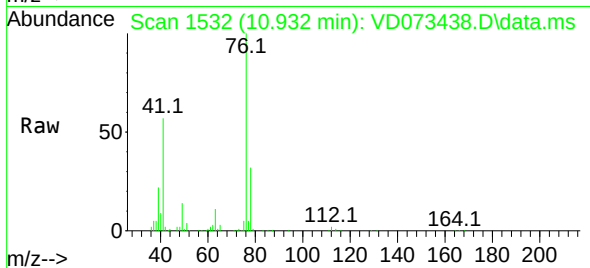
ClientSampleId :

Tgt Ion: 76 Resp: 243210

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 311.466 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073438.D

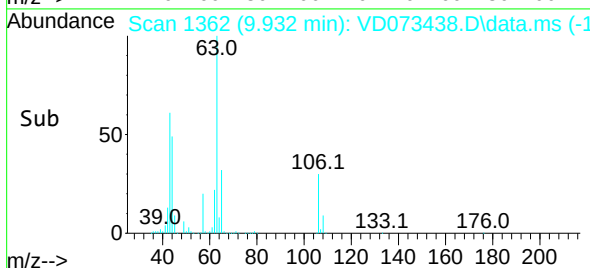
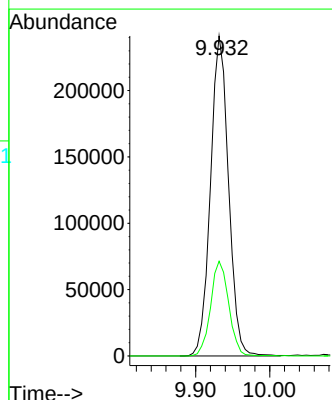
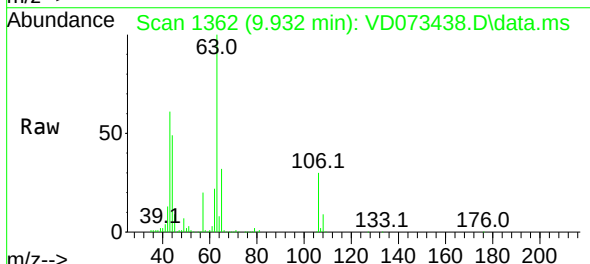
Acq: 31 May 2022 21:42

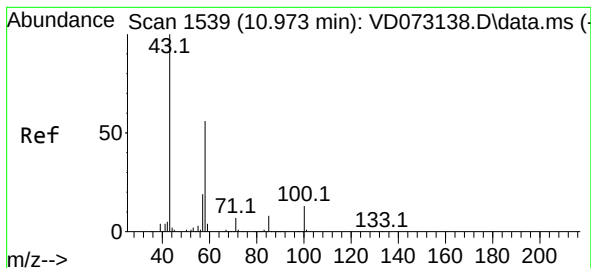
Tgt Ion: 63 Resp: 408263

Ion Ratio Lower Upper

63 100

106 29.7 21.4 32.0

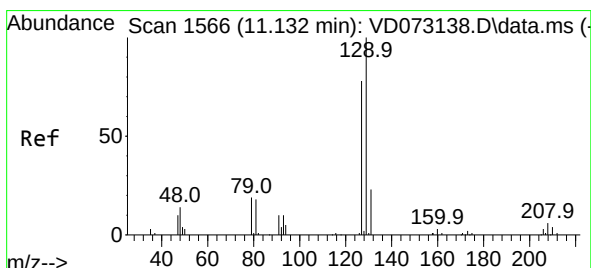
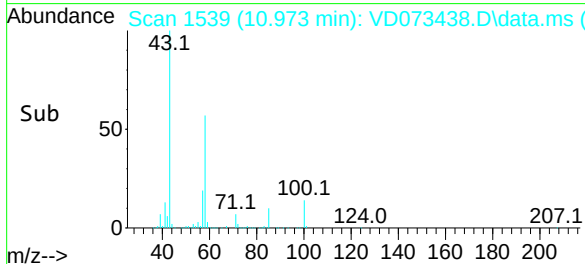
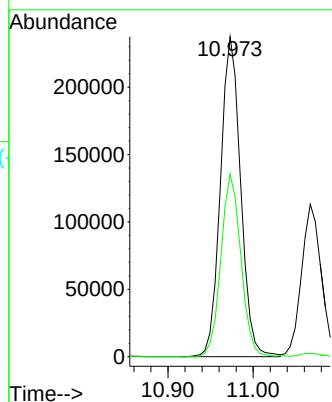
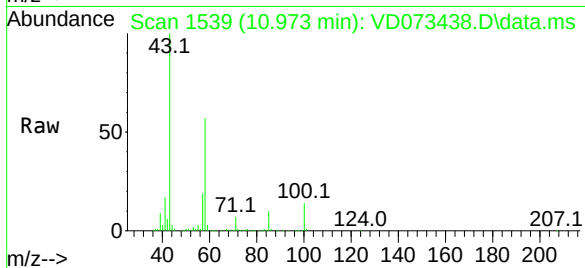




#59  
2-Hexanone  
Concen: 345.763 ug/l  
RT: 10.973 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

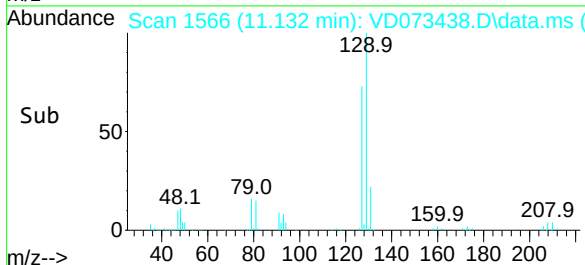
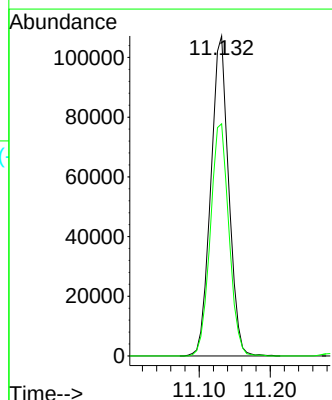
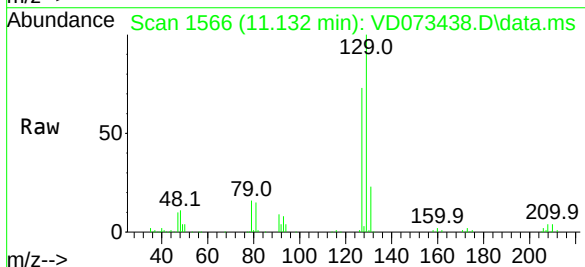
Instrument :  
MSVOA\_D  
ClientSampleId :

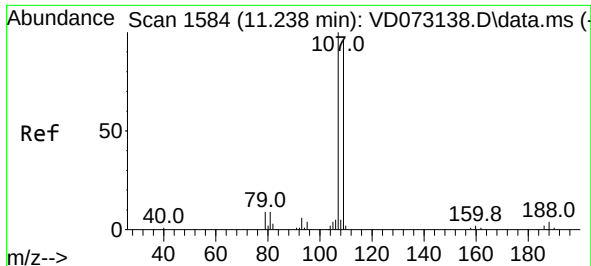
Tgt Ion: 43 Resp: 390617  
Ion Ratio Lower Upper  
43 100  
58 56.4 25.3 75.9



#60  
Dibromochloromethane  
Concen: 61.693 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion:129 Resp: 187386  
Ion Ratio Lower Upper  
129 100  
127 75.4 39.2 117.6

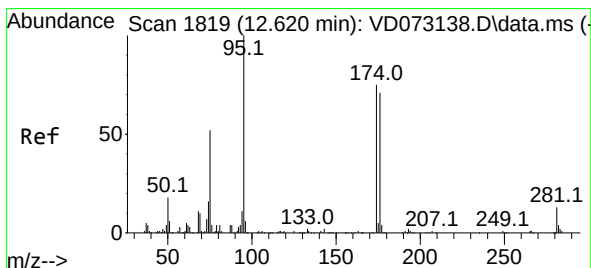
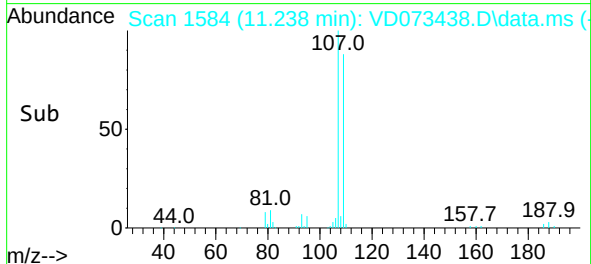
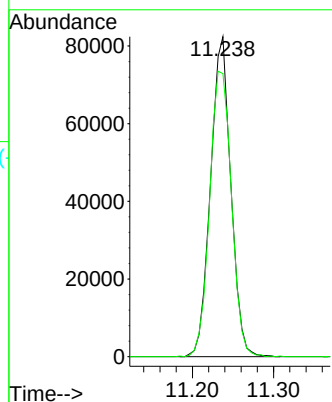
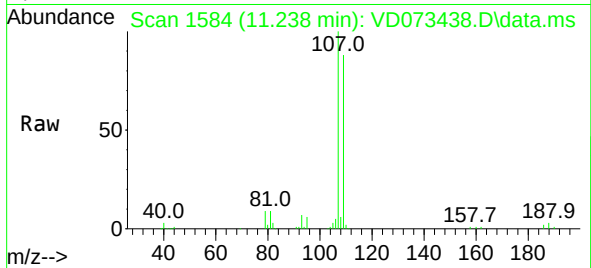




#61  
1,2-Dibromoethane  
Concen: 61.392 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

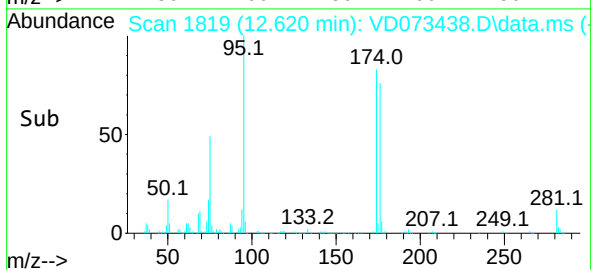
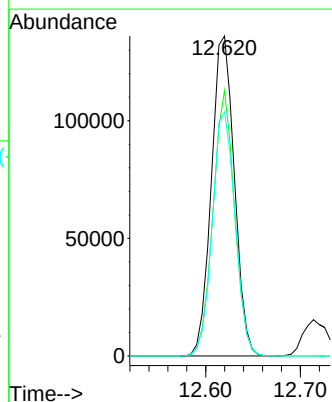
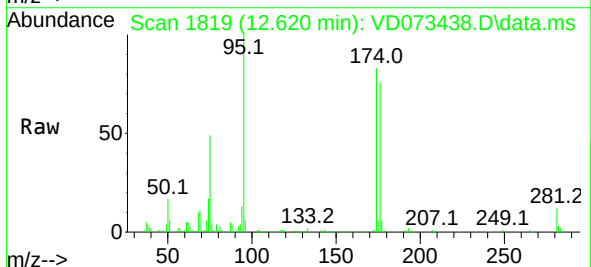
Instrument :  
MSVOA\_D  
ClientSampleId :

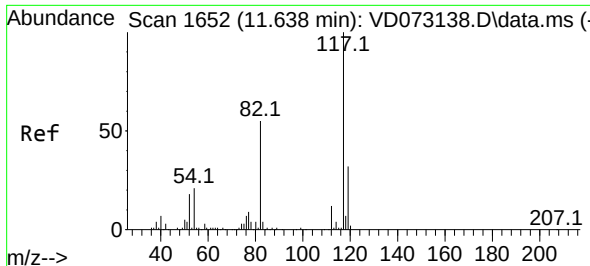
Tgt Ion:107 Resp: 142900  
Ion Ratio Lower Upper  
107 100  
109 96.1 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 59.040 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

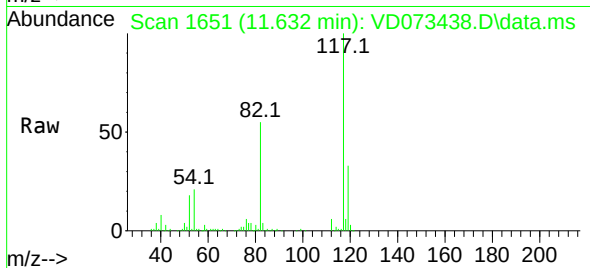
Tgt Ion: 95 Resp: 229487  
Ion Ratio Lower Upper  
95 100  
174 77.9 0.0 152.8  
176 76.0 0.0 145.4



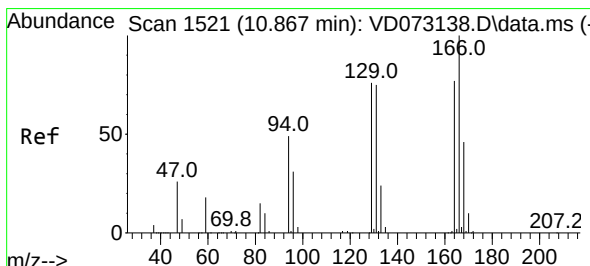
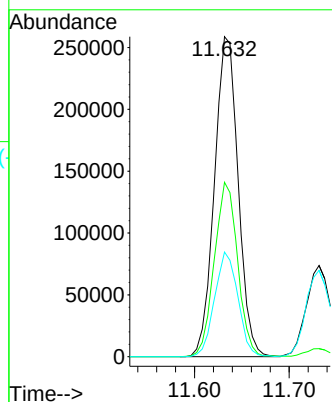
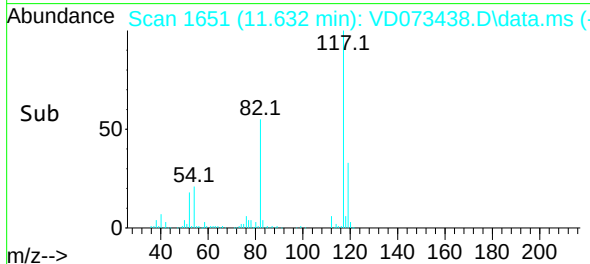


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.632 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

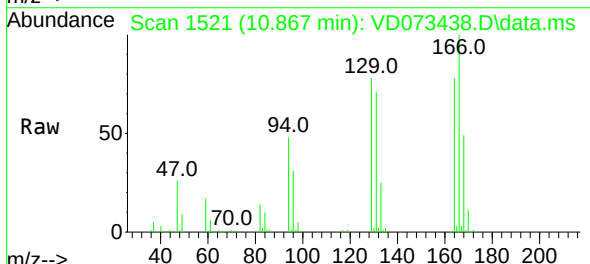
Instrument :  
MSVOA\_D  
ClientSampleId :



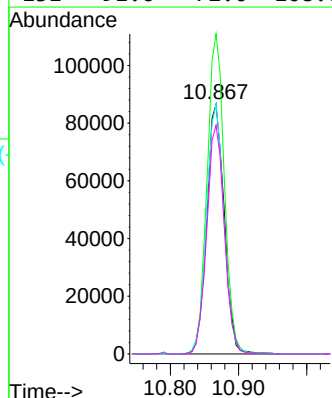
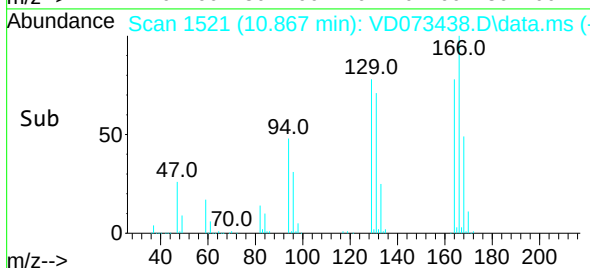
Tgt Ion:117 Resp: 451160  
Ion Ratio Lower Upper  
117 100  
82 54.5 45.3 67.9  
119 32.7 26.6 40.0

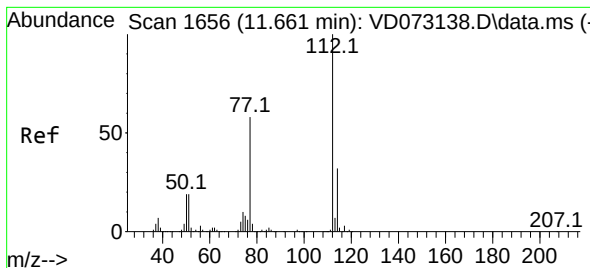


#64  
Tetrachloroethene  
Concen: 52.421 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42



Tgt Ion:164 Resp: 154905  
Ion Ratio Lower Upper  
164 100  
166 128.2 98.5 147.7  
129 100.0 74.6 111.8  
131 91.6 72.0 108.0

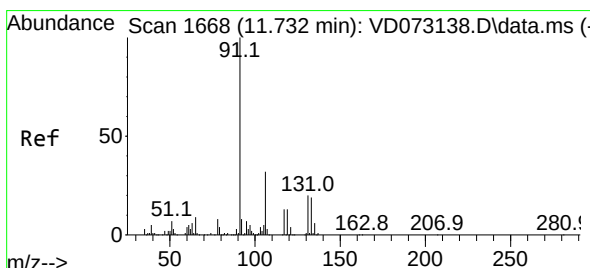
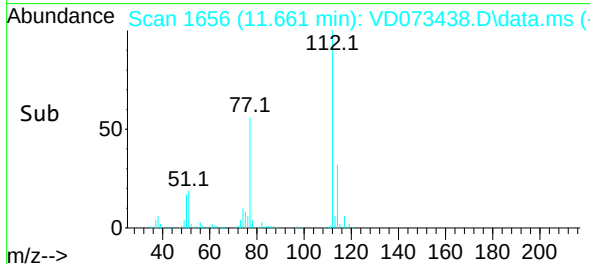
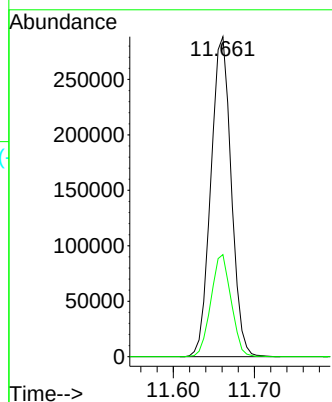
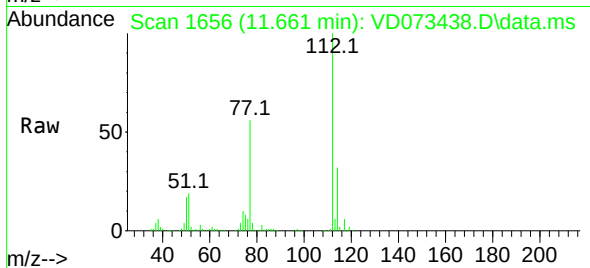




#65  
Chlorobenzene  
Concen: 54.349 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

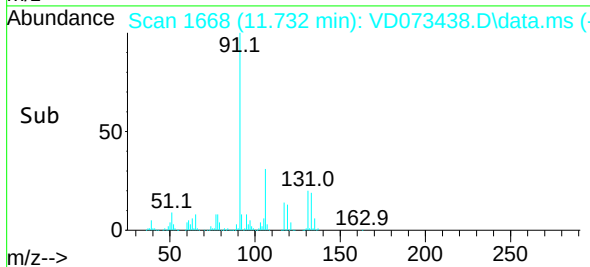
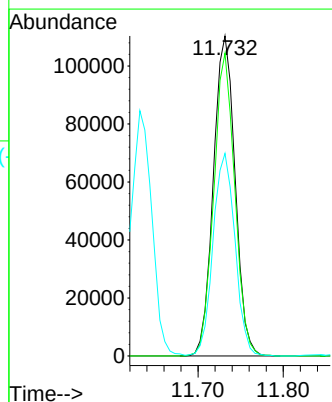
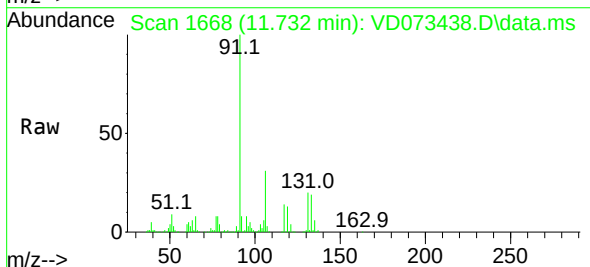
Instrument :  
MSVOA\_D  
ClientSampleId :

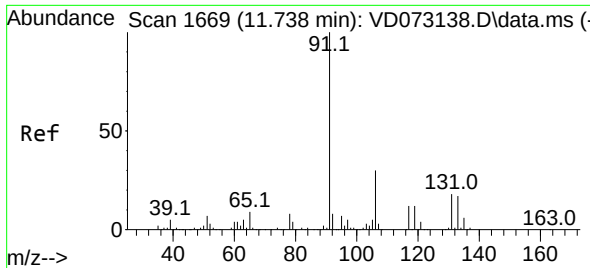
Tgt Ion:112 Resp: 503025  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.875 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion:131 Resp: 195227  
Ion Ratio Lower Upper  
131 100  
133 91.8 48.1 144.3  
119 64.1 31.9 95.9

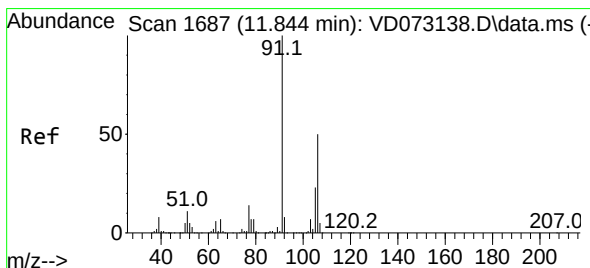
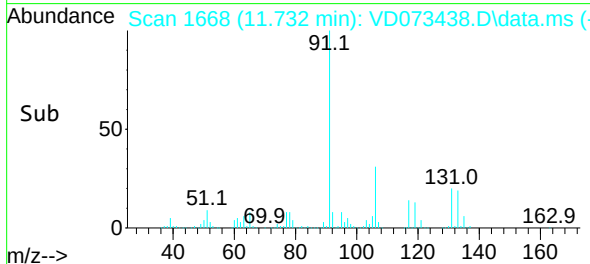
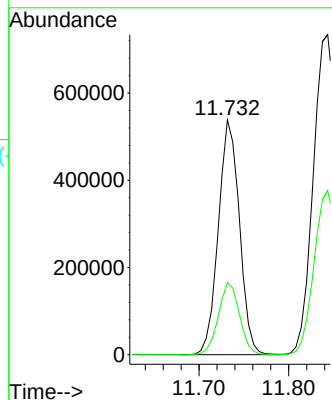
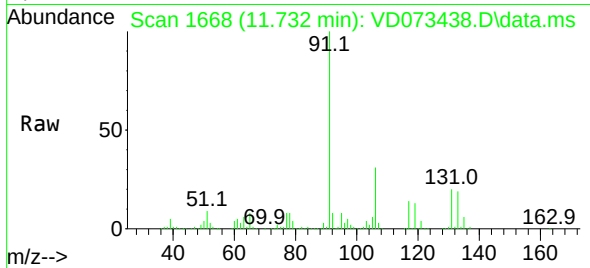




#67  
Ethyl Benzene  
Concen: 54.032 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

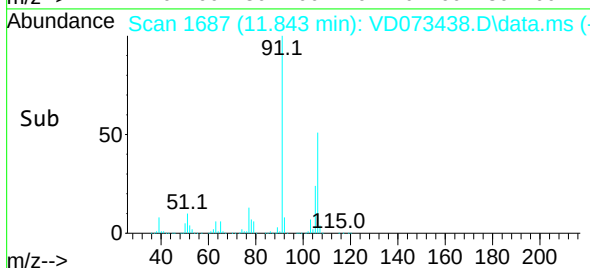
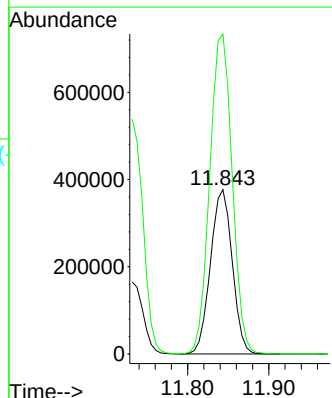
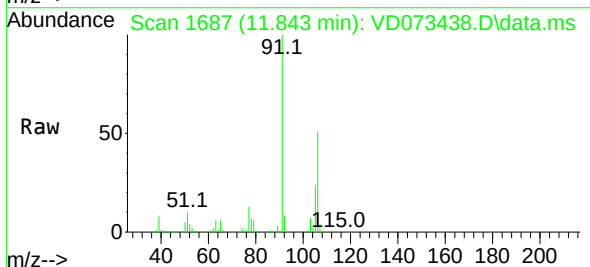
Instrument :  
MSVOA\_D  
ClientSampleId :

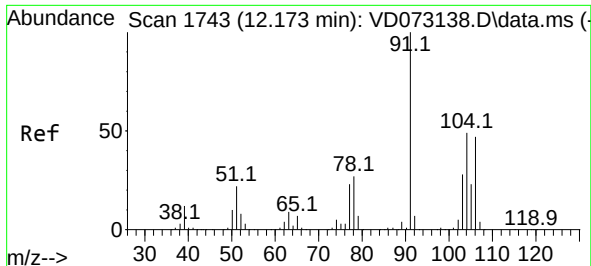
Tgt Ion: 91 Resp: 877885  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.2 36.4



#68  
m/p-Xylenes  
Concen: 111.187 ug/l  
RT: 11.843 min Scan# 1687  
Delta R.T. -0.001 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion:106 Resp: 701857  
Ion Ratio Lower Upper  
106 100  
91 200.8 163.7 245.5

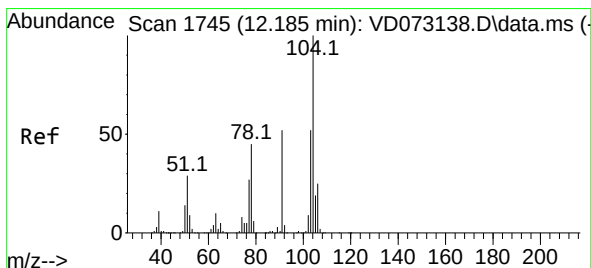
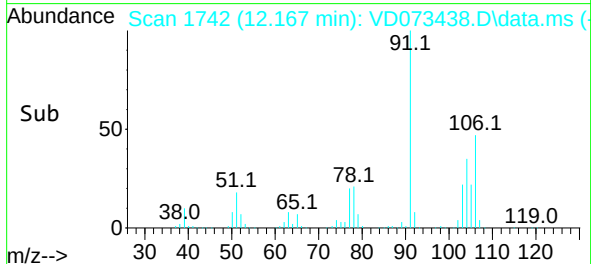
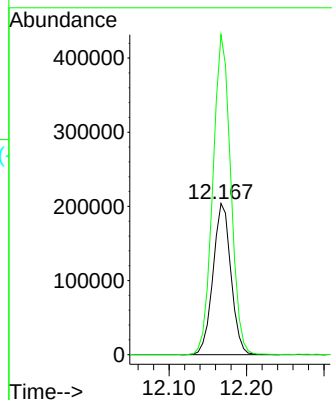
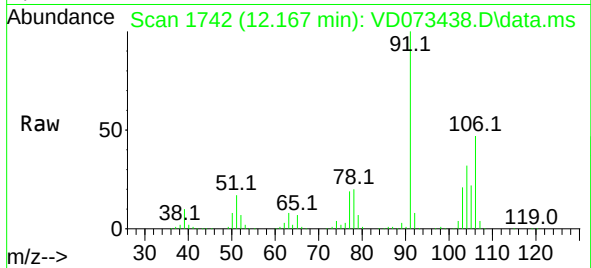




#69  
o-Xylene  
Concen: 56.436 ug/l  
RT: 12.167 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

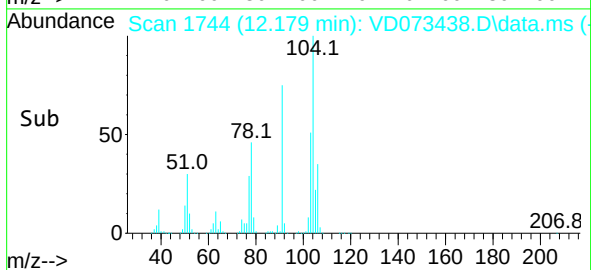
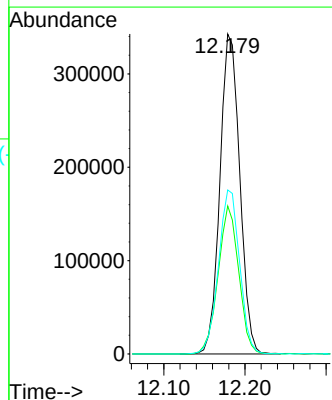
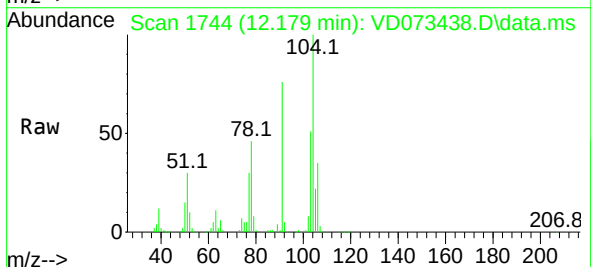
Instrument :  
MSVOA\_D  
ClientSampleId :

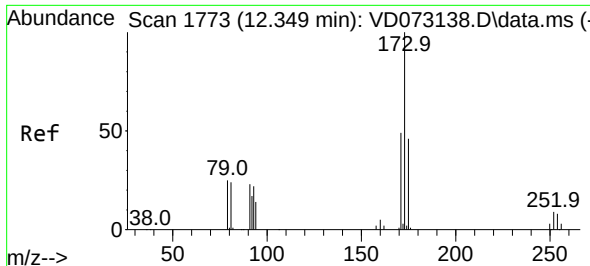
Tgt Ion:106 Resp: 327266  
Ion Ratio Lower Upper  
106 100  
91 211.6 110.4 331.2



#70  
Styrene  
Concen: 58.449 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

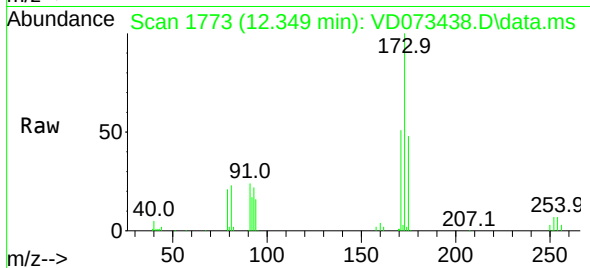
Tgt Ion:104 Resp: 583140  
Ion Ratio Lower Upper  
104 100  
78 48.1 41.8 62.8  
103 54.7 44.2 66.4



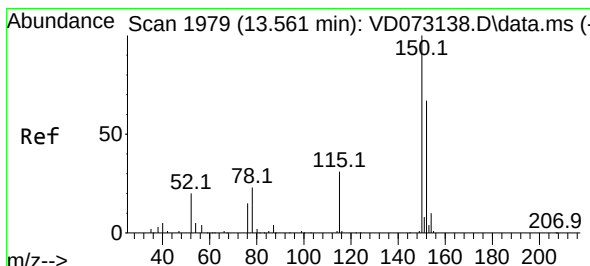
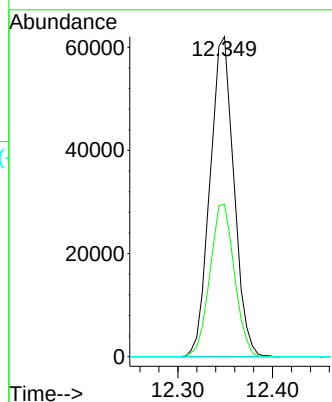
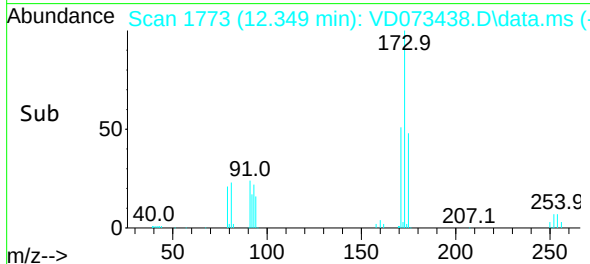


#71  
Bromoform  
Concen: 61.568 ug/l  
RT: 12.349 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

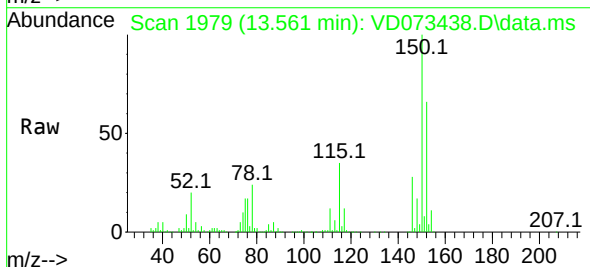
Instrument :  
MSVOA\_D  
ClientSampleId :



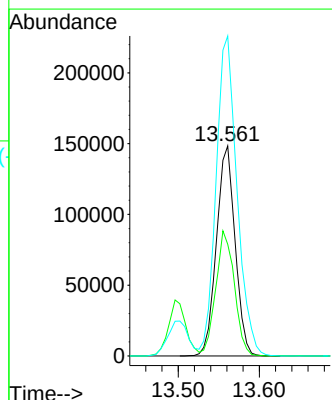
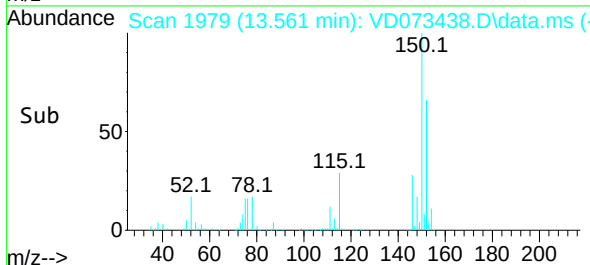
Tgt Ion:173 Resp: 108767  
Ion Ratio Lower Upper  
173 100  
175 48.9 23.9 71.8  
254 0.0 0.0 0.0



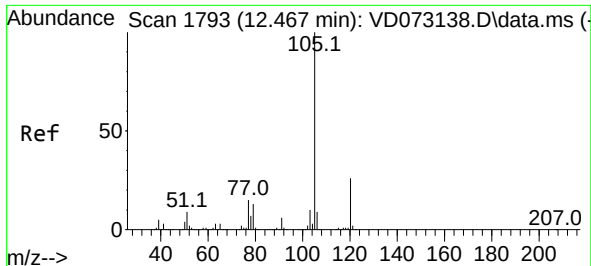
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42



Tgt Ion:152 Resp: 236990  
Ion Ratio Lower Upper  
152 100  
115 59.5 31.3 93.8  
150 170.8 0.0 348.6



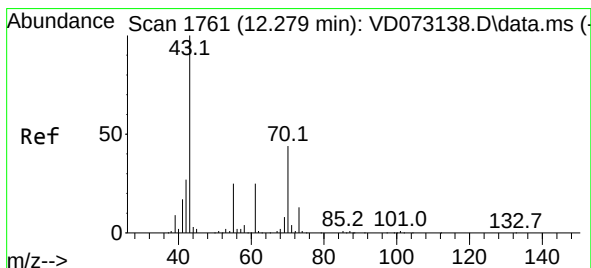
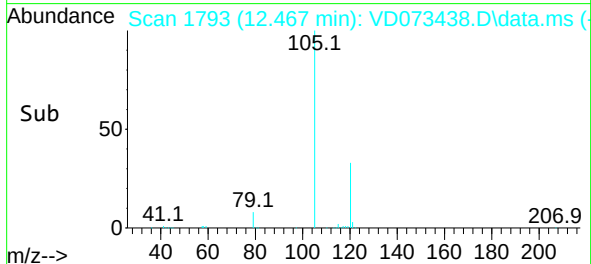
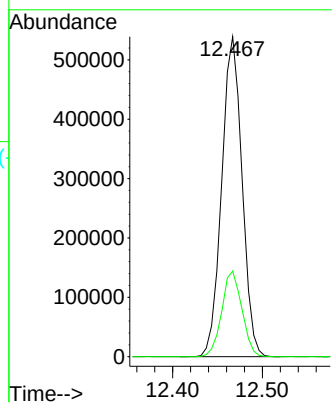
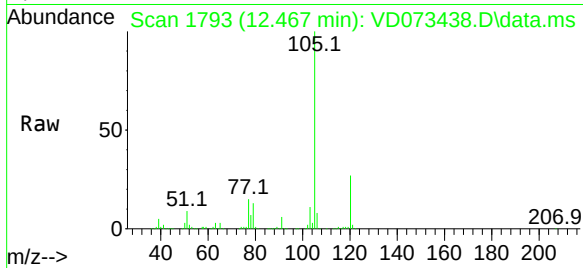




#73  
Isopropylbenzene  
Concen: 50.176 ug/l  
RT: 12.467 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

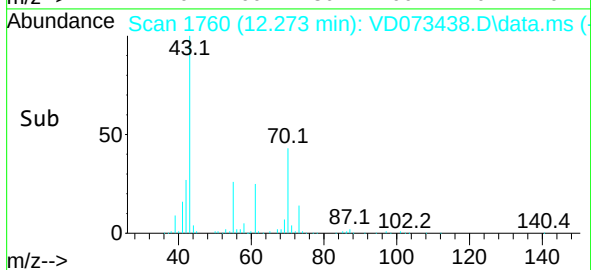
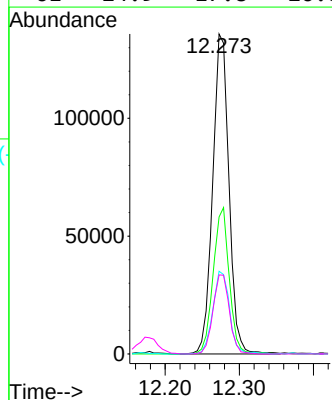
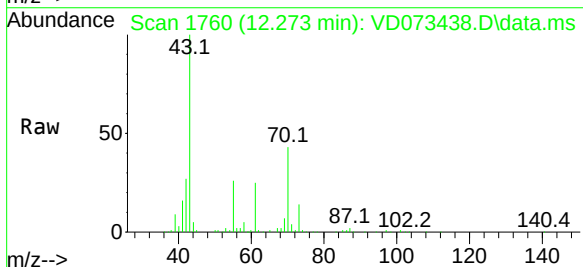
Instrument :  
MSVOA\_D  
ClientSampleId :

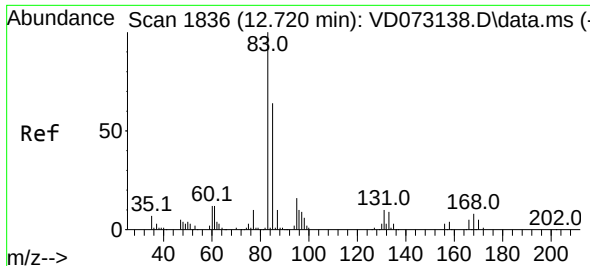
Tgt Ion:105 Resp: 847723  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.0 38.9



#74  
N-ethyl acetate  
Concen: 56.228 ug/l  
RT: 12.273 min Scan# 1760  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion: 43 Resp: 207238  
Ion Ratio Lower Upper  
43 100  
70 44.9 31.3 46.9  
55 26.6 20.0 30.0  
61 24.9 17.8 26.8

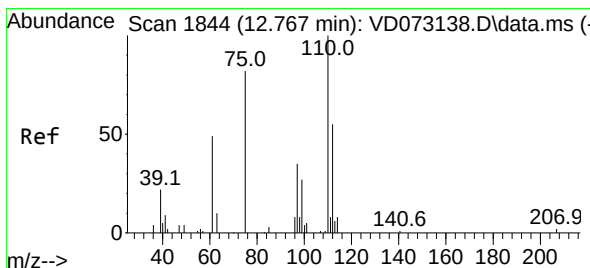
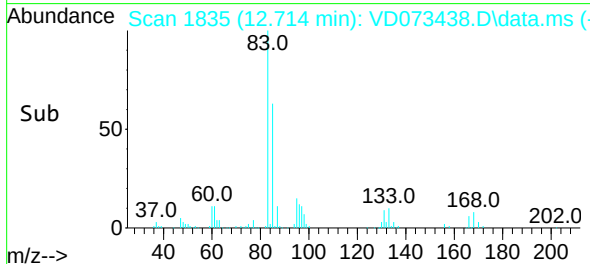
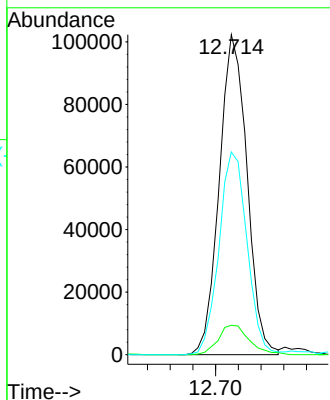
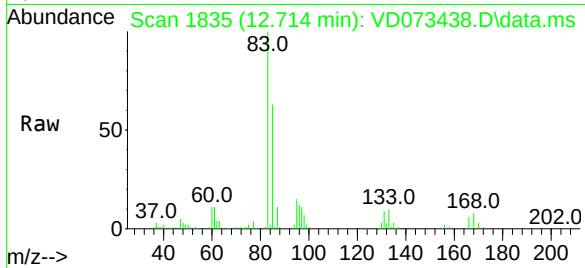




#75  
 1,1,2-Tetrachloroethane  
 Concen: 55.613 ug/l  
 RT: 12.714 min Scan# 1835  
 Delta R.T. -0.006 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42

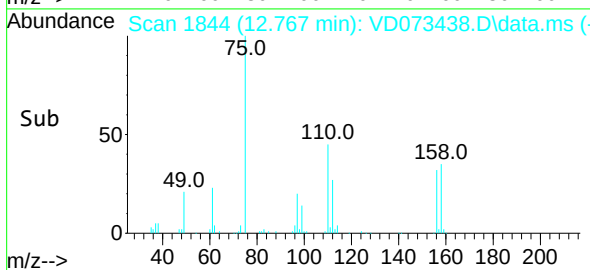
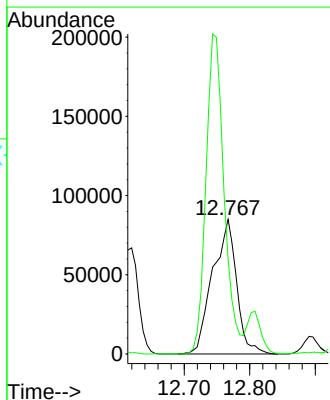
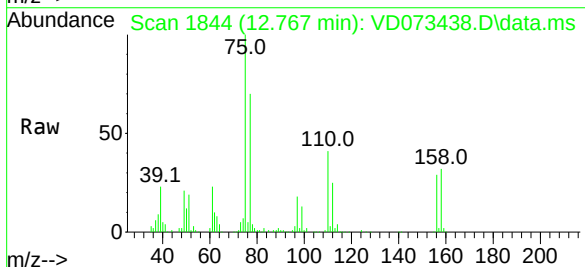
Instrument :  
 MSVOA\_D  
 ClientSampleId :

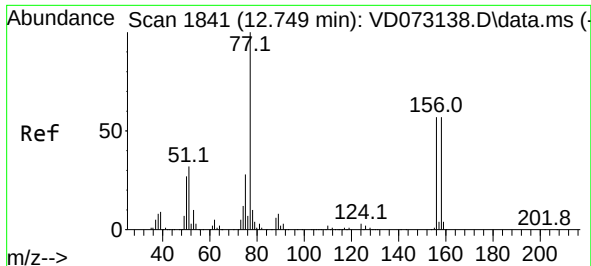
Tgt Ion: 83 Resp: 173287  
 Ion Ratio Lower Upper  
 83 100  
 131 10.3 5.0 14.9  
 85 64.3 32.6 98.0



#76  
 1,2,3-Trichloropropane  
 Concen: 92.629 ug/l  
 RT: 12.767 min Scan# 1844  
 Delta R.T. -0.000 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42

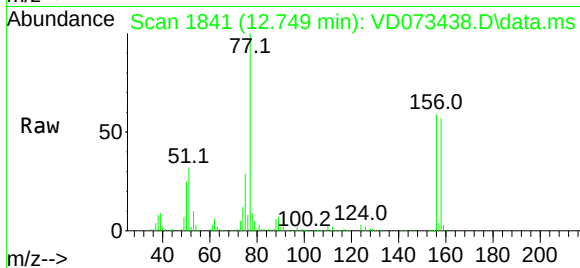
Tgt Ion: 75 Resp: 215388  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0



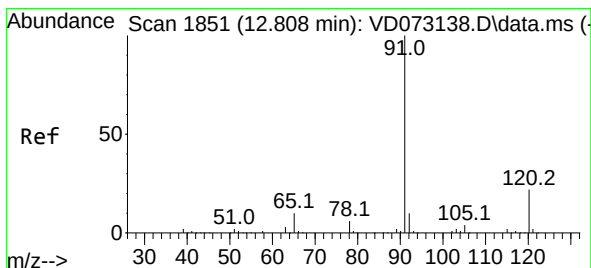
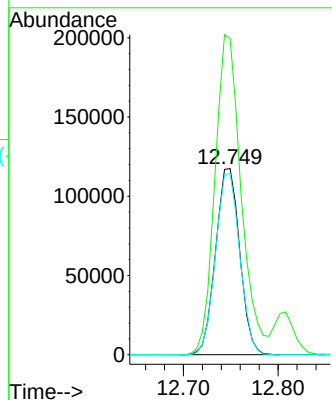
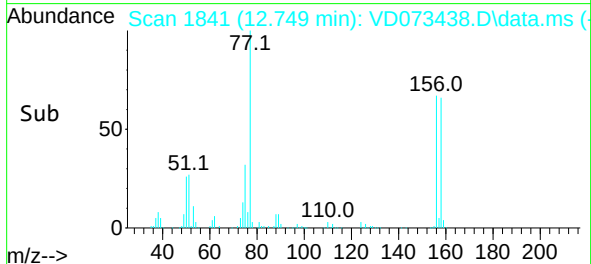


#77  
Bromobenzene  
Concen: 52.386 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

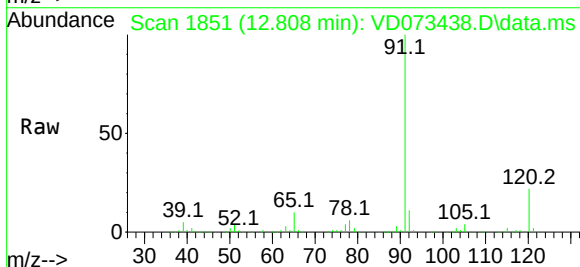
Instrument :  
MSVOA\_D  
ClientSampleId :



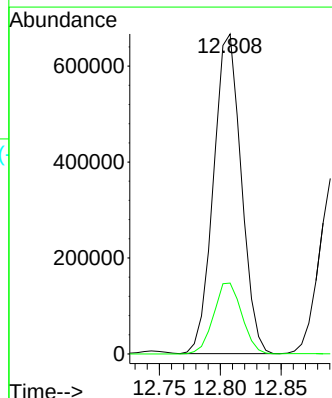
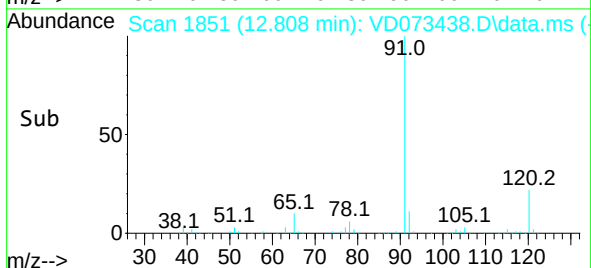
Tgt Ion:156 Resp: 208341  
Ion Ratio Lower Upper  
156 100  
77 187.5 102.8 308.3  
158 97.6 48.7 146.1

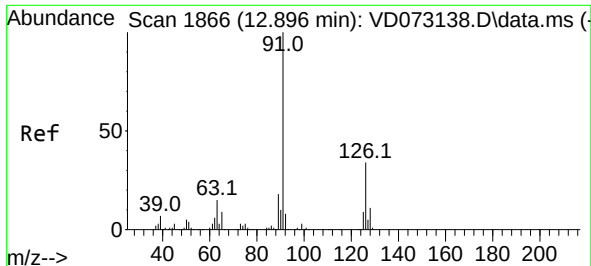


#78  
n-propylbenzene  
Concen: 49.811 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42



Tgt Ion: 91 Resp: 1056504  
Ion Ratio Lower Upper  
91 100  
120 22.7 10.9 32.9

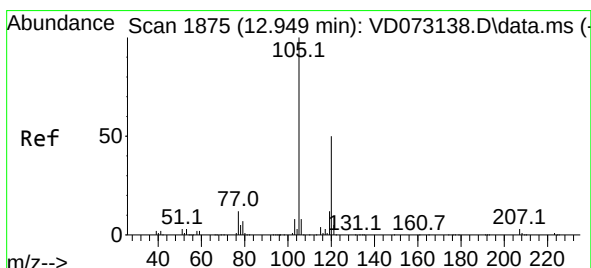
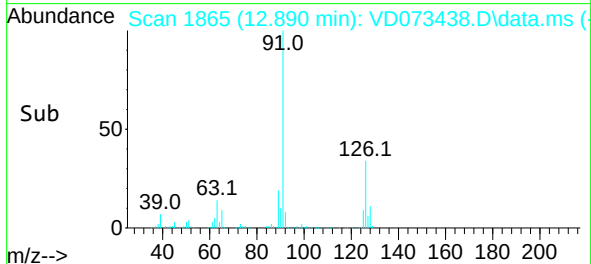
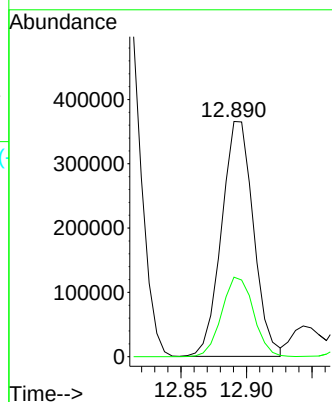
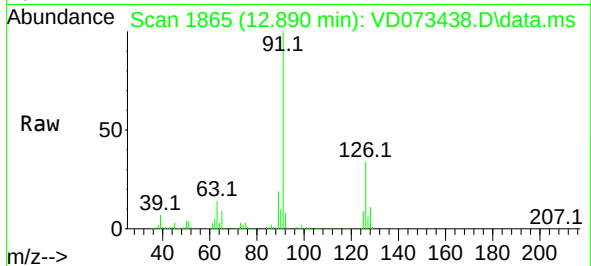




#79  
2-Chlorotoluene  
Concen: 50.574 ug/l  
RT: 12.890 min Scan# 1866  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

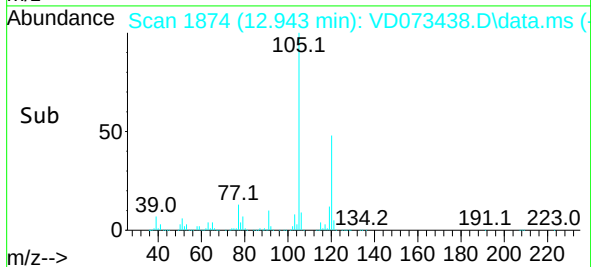
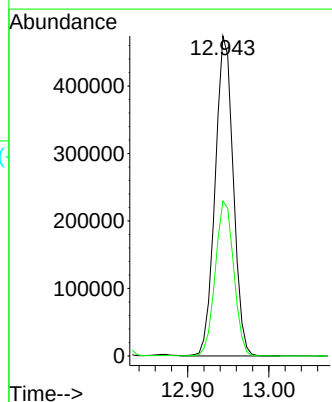
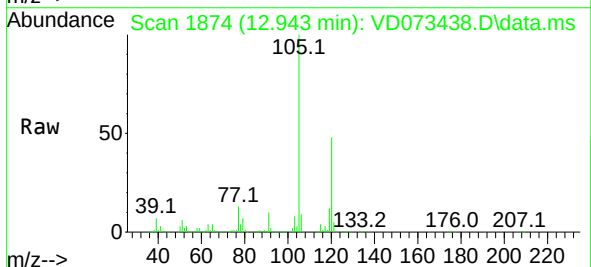
Instrument :  
MSVOA\_D  
ClientSampleId :

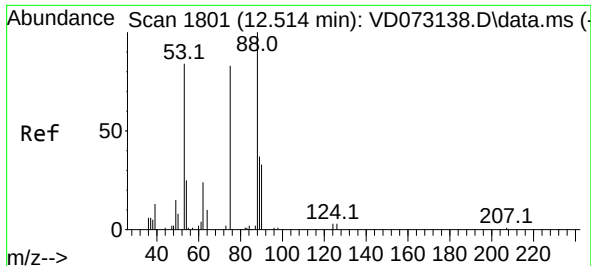
Tgt Ion: 91 Resp: 619356  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 51.477 ug/l  
RT: 12.943 min Scan# 1874  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion: 105 Resp: 736720  
Ion Ratio Lower Upper  
105 100  
120 49.3 24.3 72.8

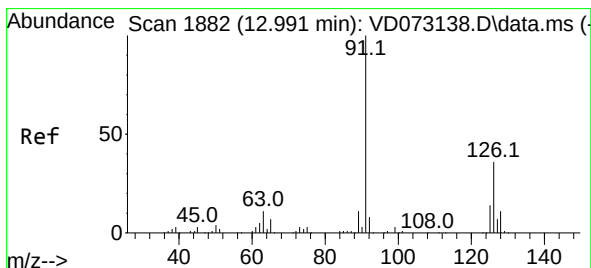
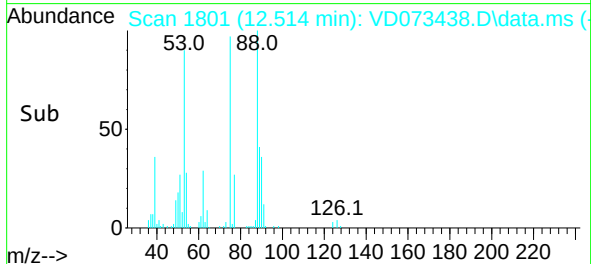
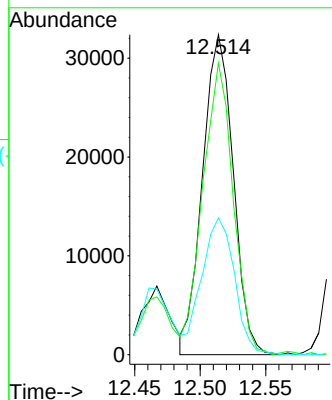
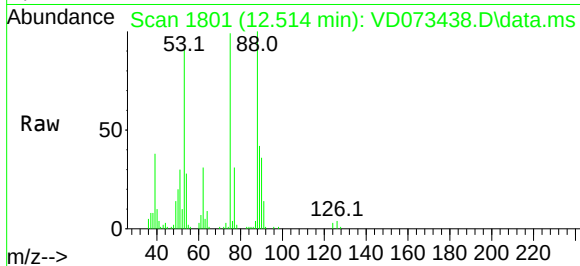




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.512 ug/l  
RT: 12.514 min Scan# 1801  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

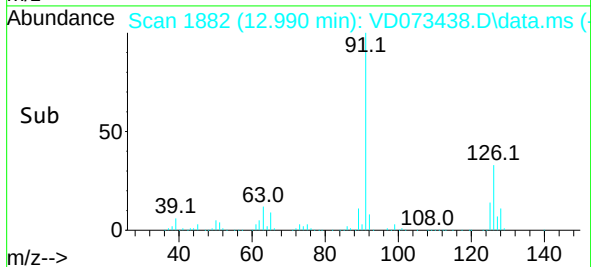
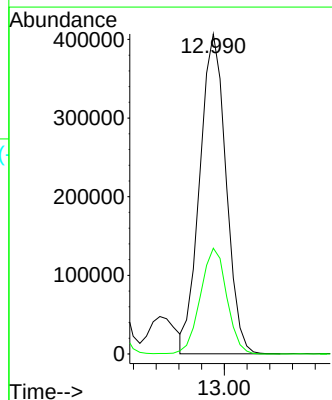
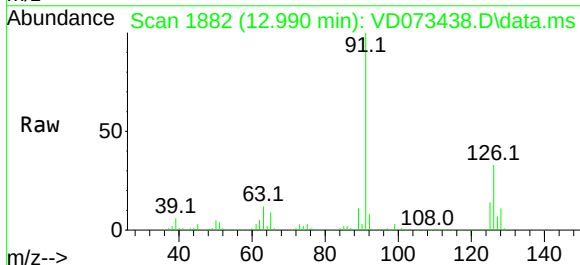
Instrument :  
MSVOA\_D  
ClientSampleId :

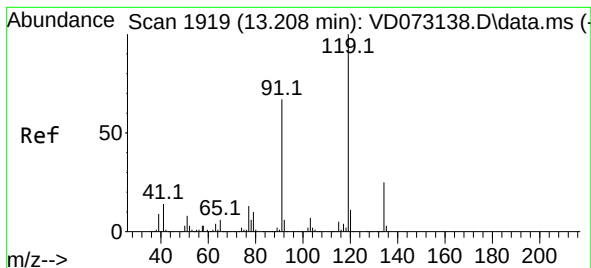
Tgt Ion: 75 Resp: 52800  
Ion Ratio Lower Upper  
75 100  
53 90.4 86.5 129.7  
89 46.0 33.9 50.9



#82  
4-Chlorotoluene  
Concen: 50.858 ug/l  
RT: 12.990 min Scan# 1882  
Delta R.T. -0.001 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Tgt Ion: 91 Resp: 652823  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.5 49.5





#83

tert-Butylbenzene

Concen: 49.820 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

Instrument :

MSVOA\_D

ClientSampleId :

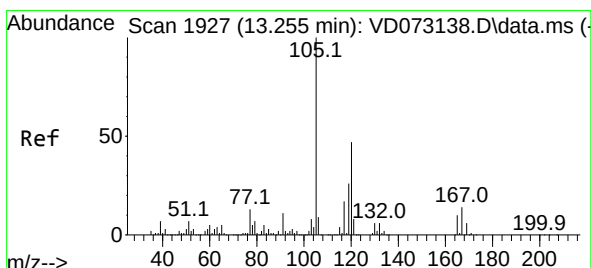
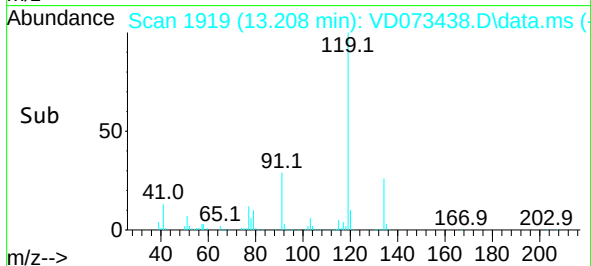
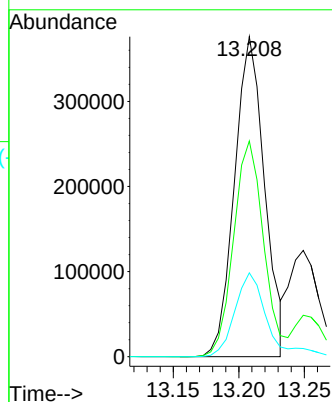
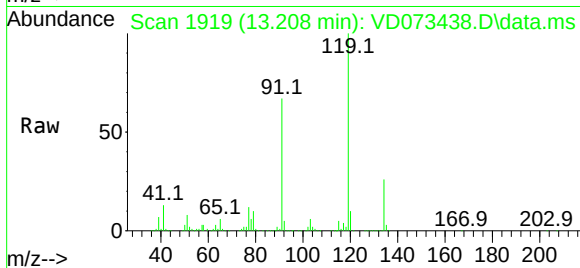
Tgt Ion:119 Resp: 600916

Ion Ratio Lower Upper

119 100

91 67.7 34.8 104.5

134 27.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 51.952 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073438.D

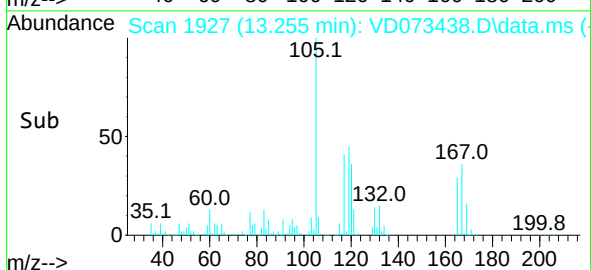
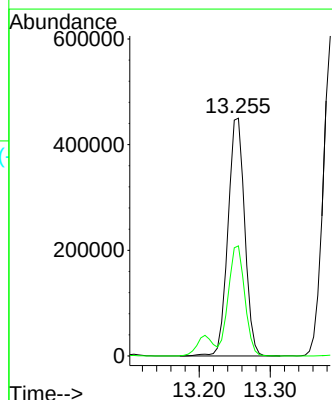
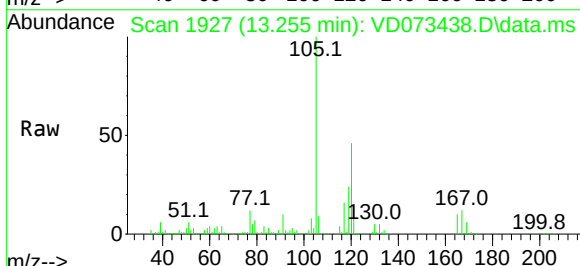
Acq: 31 May 2022 21:42

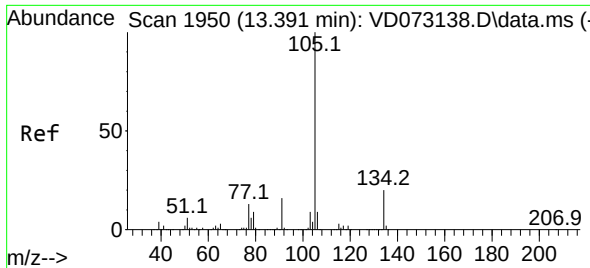
Tgt Ion:105 Resp: 734524

Ion Ratio Lower Upper

105 100

120 45.5 22.3 66.8

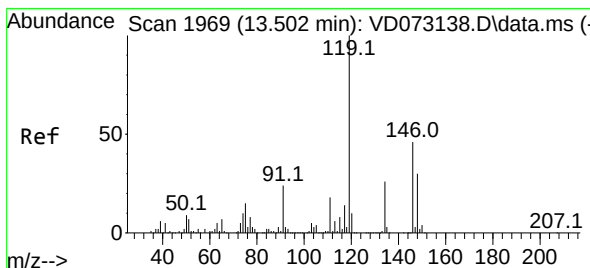
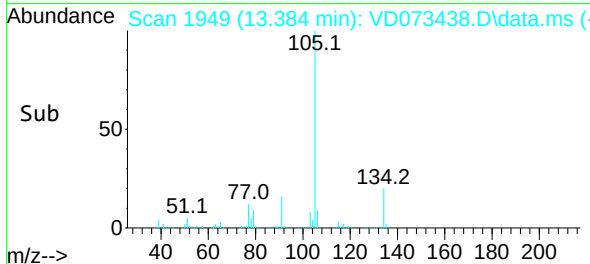
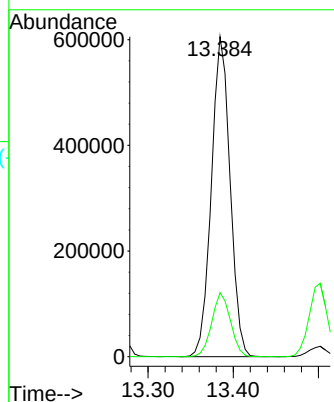
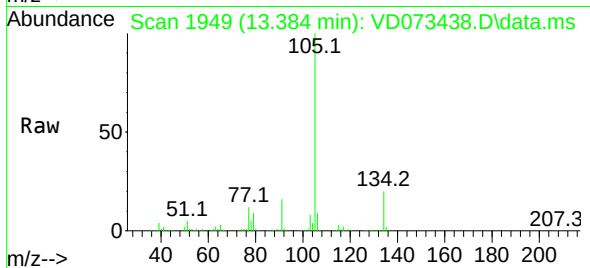




#85  
 sec-Butylbenzene  
 Concen: 50.102 ug/l  
 RT: 13.384 min Scan# 1949  
 Delta R.T. -0.007 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42

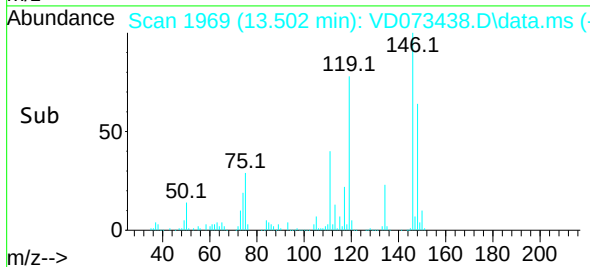
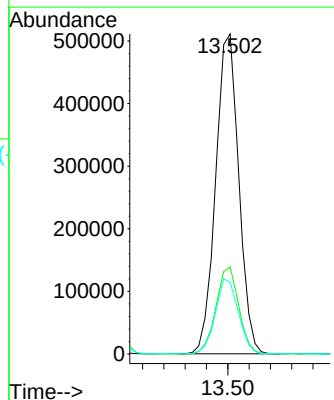
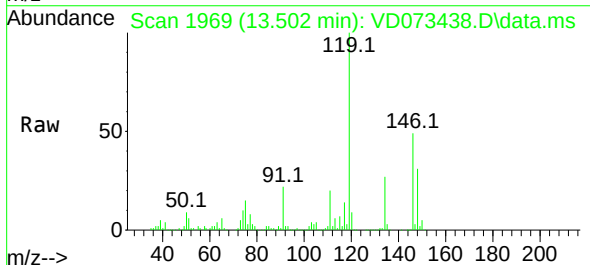
Instrument :  
 MSVOA\_D  
 ClientSampleId :

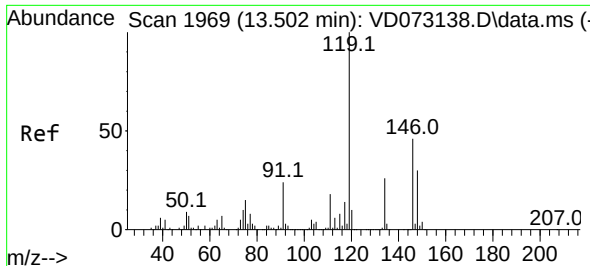
Tgt Ion:105 Resp: 922750  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 51.183 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42

Tgt Ion:119 Resp: 768421  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 12.9 38.6  
 91 23.3 12.1 36.3

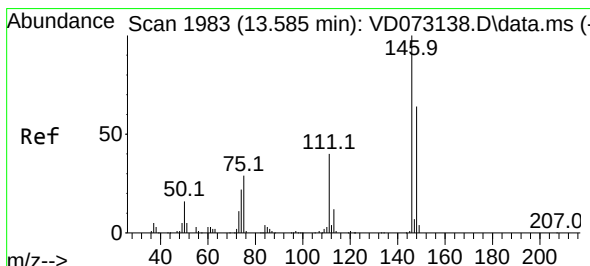
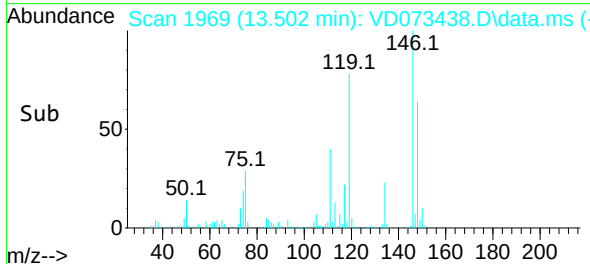
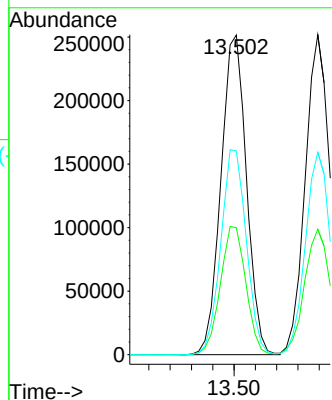
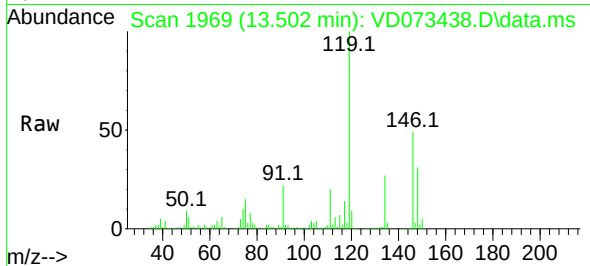




#87  
 1,3-Dichlorobenzene  
 Concen: 52.208 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42

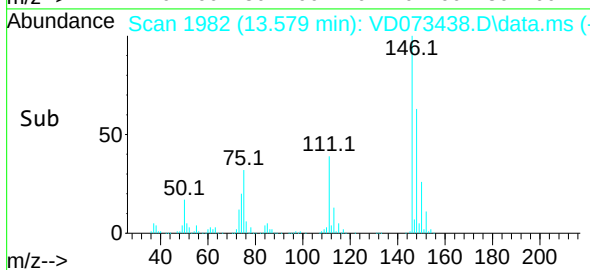
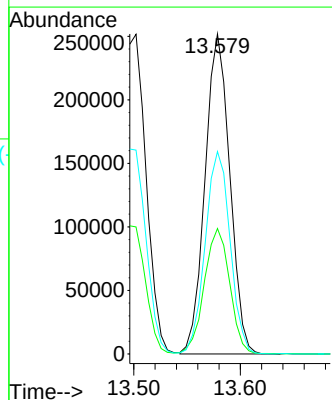
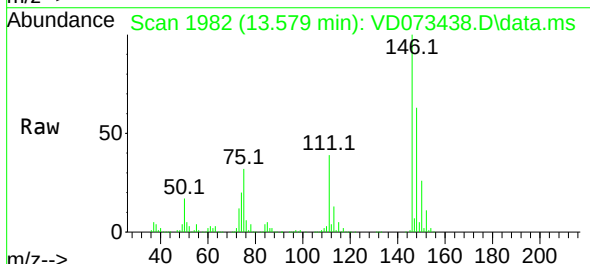
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion:146 Resp: 418516  
 Ion Ratio Lower Upper  
 146 100  
 111 40.1 20.4 61.3  
 148 64.2 31.9 95.7

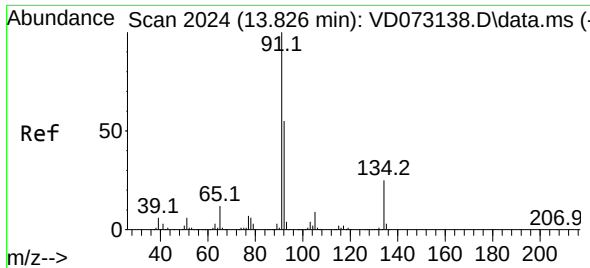


#88  
 1,4-Dichlorobenzene  
 Concen: 50.330 ug/l  
 RT: 13.579 min Scan# 1982  
 Delta R.T. -0.006 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42

Tgt Ion:146 Resp: 407275  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 20.3 60.9  
 148 63.7 31.7 95.1



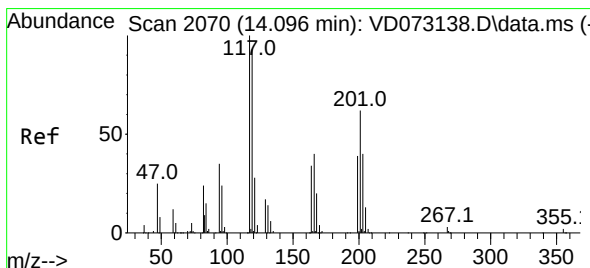
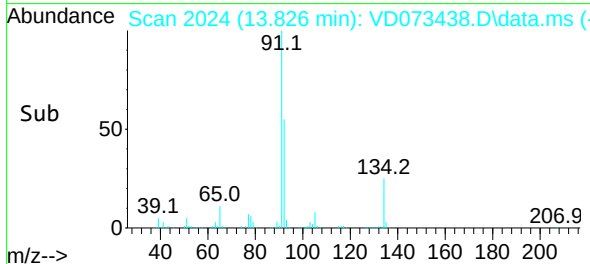
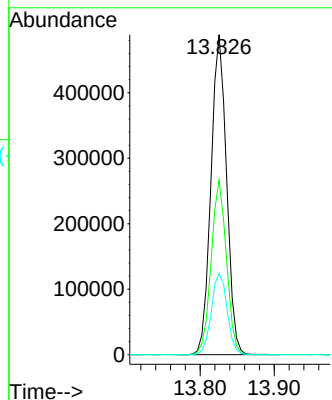
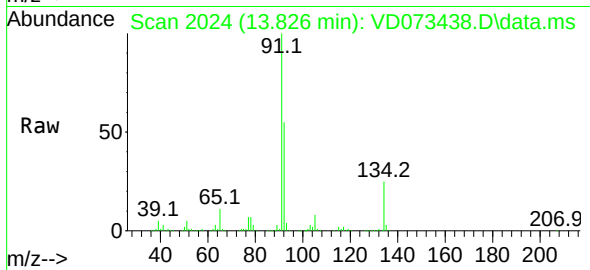




#89  
n-Butylbenzene  
Concen: 49.960 ug/l  
RT: 13.826 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

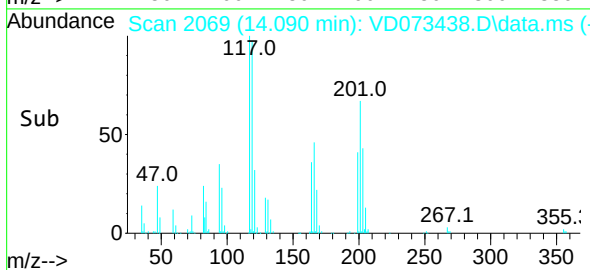
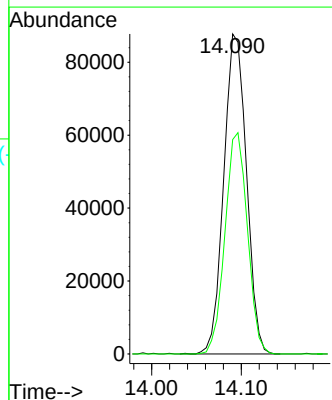
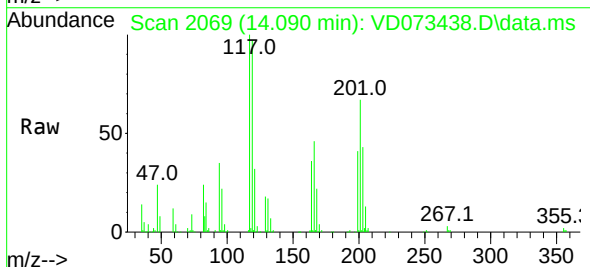
Instrument :  
MSVOA\_D  
ClientSampleId :

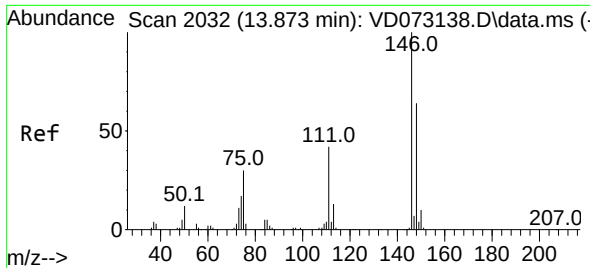
Tgt Ion: 91 Resp: 714667  
Ion Ratio Lower Upper  
91 100  
92 53.3 26.6 79.8  
134 25.7 12.3 36.9



#90  
Hexachloroethane  
Concen: 49.613 ug/l  
RT: 14.090 min Scan# 2069  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

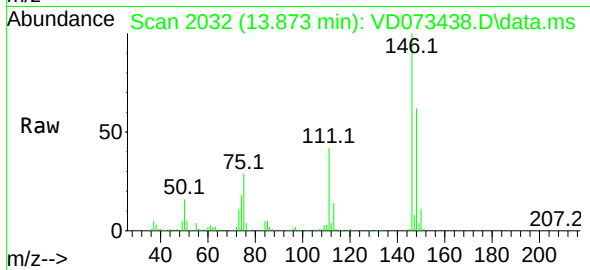
Tgt Ion: 117 Resp: 154120  
Ion Ratio Lower Upper  
117 100  
201 68.4 33.4 100.2



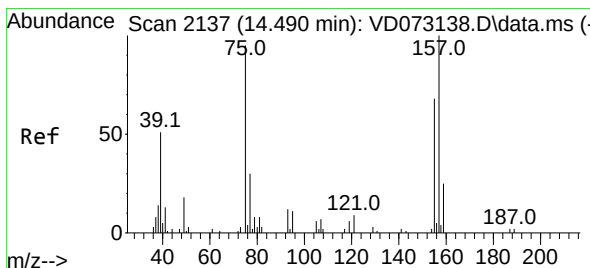
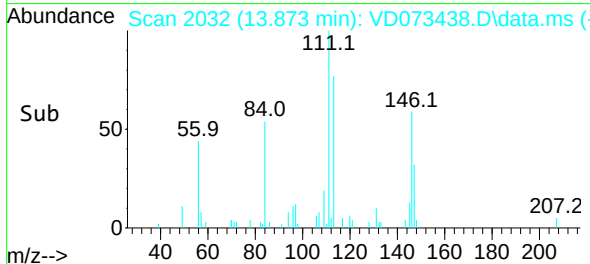
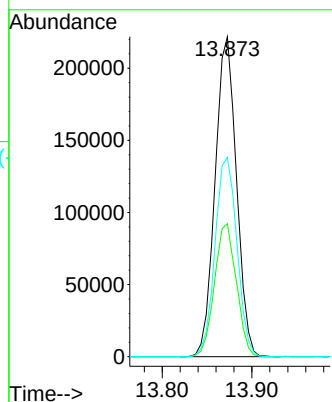


#91  
1,2-Dichlorobenzene  
Concen: 52.974 ug/l  
RT: 13.873 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

Instrument :  
MSVOA\_D  
ClientSampleId :

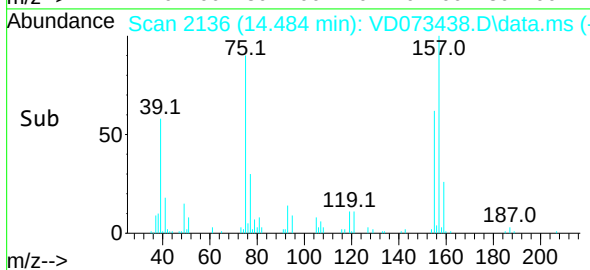
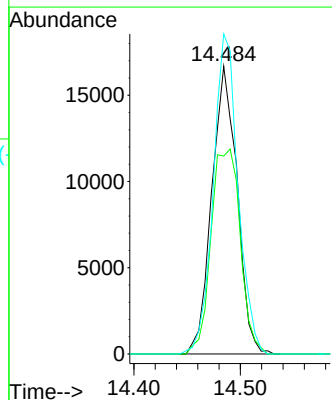
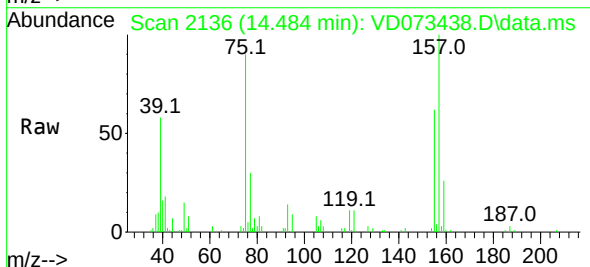


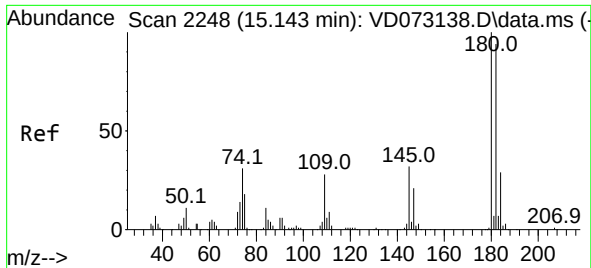
Tgt Ion:146 Resp: 367426  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.1 63.3  
148 63.9 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 57.679 ug/l  
RT: 14.484 min Scan# 2136  
Delta R.T. -0.006 min  
Lab File: VD073438.D  
Acq: 31 May 2022 21:42

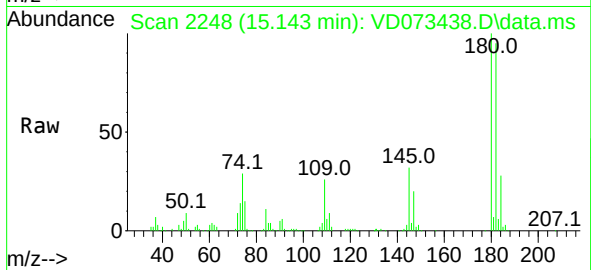
Tgt Ion: 75 Resp: 27523  
Ion Ratio Lower Upper  
75 100  
155 82.0 36.8 110.3  
157 108.7 48.4 145.0



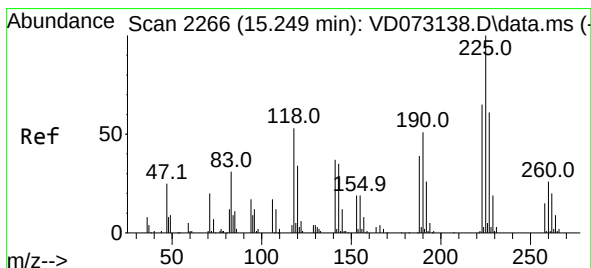
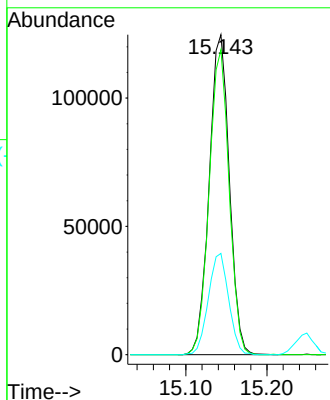
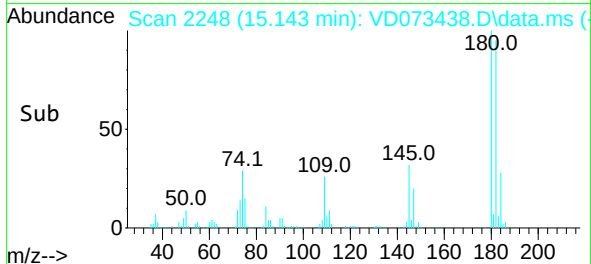


#93  
 1,2,4-Trichlorobenzene  
 Concen: 54.530 ug/l  
 RT: 15.143 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42

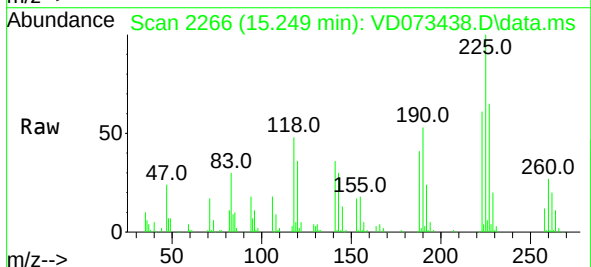
Instrument :  
 MSVOA\_D  
 ClientSampleId :



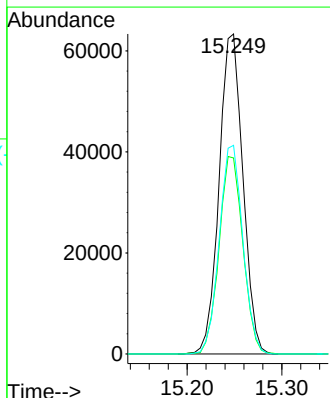
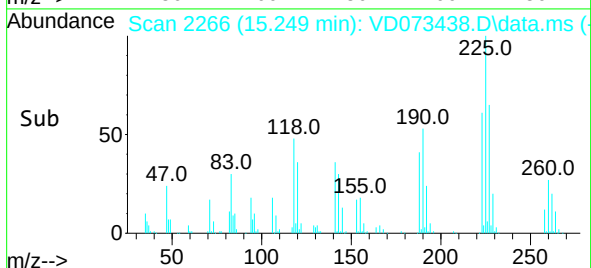
Tgt Ion:180 Resp: 214726  
 Ion Ratio Lower Upper  
 180 100  
 182 94.2 47.3 142.0  
 145 32.0 16.2 48.5

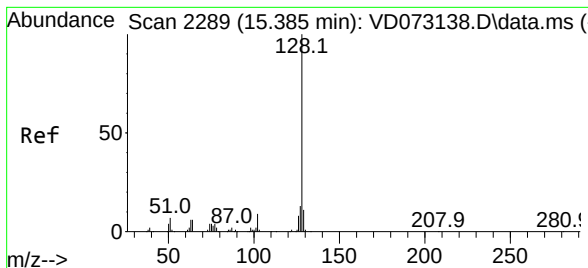


#94  
 Hexachlorobutadiene  
 Concen: 49.788 ug/l  
 RT: 15.249 min Scan# 2266  
 Delta R.T. 0.000 min  
 Lab File: VD073438.D  
 Acq: 31 May 2022 21:42



Tgt Ion:225 Resp: 110478  
 Ion Ratio Lower Upper  
 225 100  
 223 61.9 31.1 93.2  
 227 64.8 32.4 97.0





#95

Naphthalene

Concen: 55.094 ug/l

RT: 15.378 min Scan# 2288

Delta R.T. -0.007 min

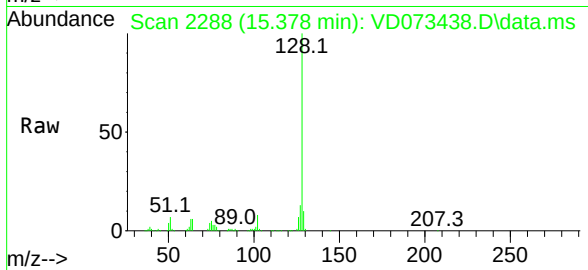
Lab File: VD073438.D

Acq: 31 May 2022 21:42

Instrument :

MSVOA\_D

ClientSampleId :



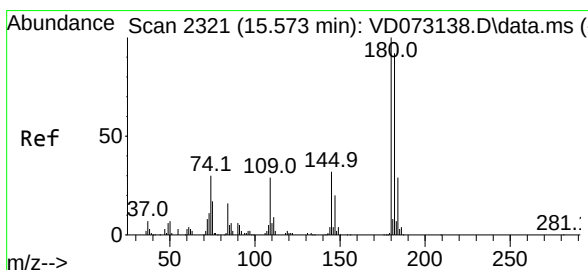
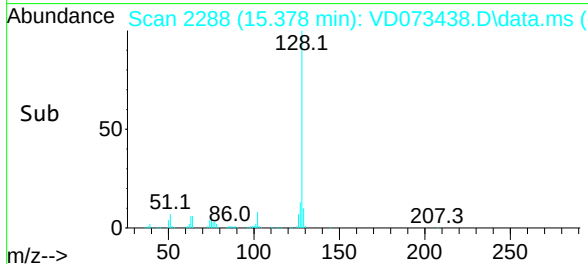
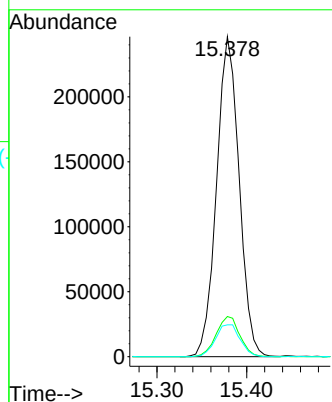
Tgt Ion:128 Resp: 430282

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 56.943 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073438.D

Acq: 31 May 2022 21:42

Tgt Ion:180 Resp: 198784

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

145 33.3 17.1 51.3

