

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD033022\  
 Data File : VD072478.D  
 Acq On : 30 Mar 2022 14:48  
 Operator : VA/SY  
 Sample : VD0330SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0330SBS02

Quant Time: Mar 31 03:08:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D032922S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 02:44:36 2022  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|--------|----------|
| -----                        |           |       |          |          |        |          |
| Internal Standards           |           |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.973     | 168   | 345253   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861     | 114   | 586576   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638    | 117   | 558146   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.561    | 152   | 287722   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326     | 65    | 237597   | 56.889   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 50 - 163 | Recovery | =      | 113.780% |
| 35) Dibromofluoromethane     | 7.908     | 113   | 247298   | 54.250   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 54 - 147 | Recovery | =      | 108.500% |
| 50) Toluene-d8               | 10.332    | 98    | 893858   | 56.410   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 49 - 140 | Recovery | =      | 112.820% |
| 62) 4-Bromofluorobenzene     | 12.620    | 95    | 341566   | 55.194   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 25 - 144 | Recovery | =      | 110.380% |
| Target Compounds             |           |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991     | 85    | 56597    | 20.655   | ug/l   | 98       |
| 3) Chloromethane             | 2.209     | 50    | 43650    | 17.223   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.350     | 62    | 49501    | 17.620   | ug/l   | 98       |
| 5) Bromomethane              | 2.756     | 94    | 37718    | 19.313   | ug/l   | 96       |
| 6) Chloroethane              | 2.915     | 64    | 36567    | 19.590   | ug/l   | 92       |
| 7) Trichlorofluoromethane    | 3.273     | 101   | 121492   | 20.428   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.709     | 74    | 34545    | 19.546   | ug/l   | 88       |
| 9) 1,1,2-Trichlorotrifluo... | 4.103     | 101   | 84763    | 21.370   | ug/l   | 97       |
| 10) Methyl Iodide            | 4.297     | 142   | 54472    | 17.365   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.232     | 59    | 25133    | 113.952  | ug/l # | 90       |
| 12) 1,1-Dichloroethene       | 4.073     | 96    | 59435    | 19.166   | ug/l   | 84       |
| 13) Acrolein                 | 3.920     | 56    | 13164    | 134.498  | ug/l   | 96       |
| 14) Allyl chloride           | 4.720     | 41    | 94820    | 18.147   | ug/l # | 92       |
| 15) Acrylonitrile            | 5.420     | 53    | 96807    | 109.524  | ug/l   | 96       |
| 16) Acetone                  | 4.162     | 43    | 76689    | 98.473   | ug/l # | 83       |
| 17) Carbon Disulfide         | 4.403     | 76    | 82334    | 14.996   | ug/l   | 96       |
| 18) Methyl Acetate           | 4.714     | 43    | 54778    | 24.967   | ug/l # | 85       |
| 19) Methyl tert-butyl Ether  | 5.479     | 73    | 191857   | 21.197   | ug/l   | 93       |
| 20) Methylene Chloride       | 4.961     | 84    | 97082    | 20.940   | ug/l # | 81       |
| 21) trans-1,2-Dichloroethene | 5.479     | 96    | 67136    | 18.224   | ug/l   | 89       |
| 22) Diisopropyl ether        | 6.361     | 45    | 267075   | 21.436   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.308     | 43    | 492476   | 77.931   | ug/l # | 93       |
| 24) 1,1-Dichloroethane       | 6.261     | 63    | 159360   | 21.226   | ug/l # | 94       |
| 25) 2-Butanone               | 7.208     | 43    | 117846   | 109.413  | ug/l # | 86       |
| 26) 2,2-Dichloropropane      | 7.203     | 77    | 140518   | 21.072   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.203     | 96    | 97539    | 20.716   | ug/l   | 90       |
| 28) Bromochloromethane       | 7.538     | 49    | 58043    | 18.043   | ug/l # | 74       |
| 29) Tetrahydrofuran          | 7.567     | 42    | 68515    | 105.363  | ug/l   | 91       |
| 30) Chloroform               | 7.702     | 83    | 188935   | 22.372   | ug/l   | 97       |
| 31) Cyclohexane              | 7.985     | 56    | 96541    | 17.678   | ug/l # | 83       |
| 32) 1,1,1-Trichloroethane    | 7.897     | 97    | 155043   | 21.645   | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.114     | 75    | 101273   | 18.118   | ug/l   | 95       |
| 37) Ethyl Acetate            | 7.291     | 43    | 48349    | 20.017   | ug/l # | 86       |
| 38) Carbon Tetrachloride     | 8.091     | 117   | 130690   | 20.810   | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.349     | 83    | 97314    | 16.395   | ug/l   | 99       |
| 40) Benzene                  | 8.344     | 78    | 317814   | 19.963   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD033022\  
 Data File : VD072478.D  
 Acq On : 30 Mar 2022 14:48  
 Operator : VA/SY  
 Sample : VD0330SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0330SBS02

Quant Time: Mar 31 03:08:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D032922S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 02:44:36 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 29514    | 21.873  | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 103936   | 21.359  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.444  | 43   | 99744    | 21.528  | ug/l # | 90       |
| 44) Trichloroethene           | 9.108  | 130  | 92193    | 20.398  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 94681    | 21.379  | ug/l   | 98       |
| 46) Dibromomethane            | 9.467  | 93   | 50330    | 21.662  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.655  | 83   | 144572   | 21.659  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.449  | 41   | 47055    | 20.919  | ug/l # | 88       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 11737    | 424.657 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 275109   | 110.659 | ug/l   | 90       |
| 52) Toluene                   | 10.396 | 92   | 213437   | 20.181  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 121680   | 20.919  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 143081   | 20.805  | ug/l # | 84       |
| 55) 1,1,2-Trichloroethane     | 10.796 | 97   | 81606    | 23.167  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 85915    | 20.555  | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 128118   | 22.001  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 164615   | 94.658  | ug/l   | 94       |
| 59) 2-Hexanone                | 10.979 | 43   | 181762   | 107.514 | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.132 | 129  | 101714   | 22.385  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 68501    | 21.903  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.867 | 164  | 71118    | 19.502  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.661 | 112  | 256615   | 20.564  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 108376   | 21.723  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.738 | 91   | 435755   | 20.013  | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.843 | 106  | 334797   | 40.529  | ug/l   | 100      |
| 69) o-Xylene                  | 12.173 | 106  | 164598   | 20.652  | ug/l   | 97       |
| 70) Styrene                   | 12.185 | 104  | 295464   | 21.034  | ug/l   | 97       |
| 71) Bromoform                 | 12.355 | 173  | 59621    | 22.543  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 462054   | 19.885  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 97308    | 19.958  | ug/l # | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 97464    | 22.144  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 113595   | 36.199  | ug/l # | 100      |
| 77) Bromobenzene              | 12.749 | 156  | 108762   | 20.883  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.814 | 91   | 574152   | 20.482  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 338370   | 20.640  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 412581   | 20.732  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 26706    | 20.883  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 350375   | 20.521  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 355441   | 20.631  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 412706   | 21.207  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 540287   | 20.819  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 436864   | 20.595  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 231427   | 21.444  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 228520   | 21.009  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.832 | 91   | 415323   | 20.554  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 91973    | 21.180  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 202666   | 21.291  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.485 | 75   | 14861    | 22.831  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 121922   | 20.664  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 72385    | 21.902  | ug/l   | 99       |
| 95) Naphthalene               | 15.384 | 128  | 225524   | 19.672  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 111171   | 21.589  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD033022\  
Data File : VD072478.D  
Acq On : 30 Mar 2022 14:48  
Operator : VA/SY  
Sample : VD0330SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBSD02

Quant Time: Mar 31 03:08:47 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D032922S.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 30 02:44:36 2022  
Response via : Initial Calibration

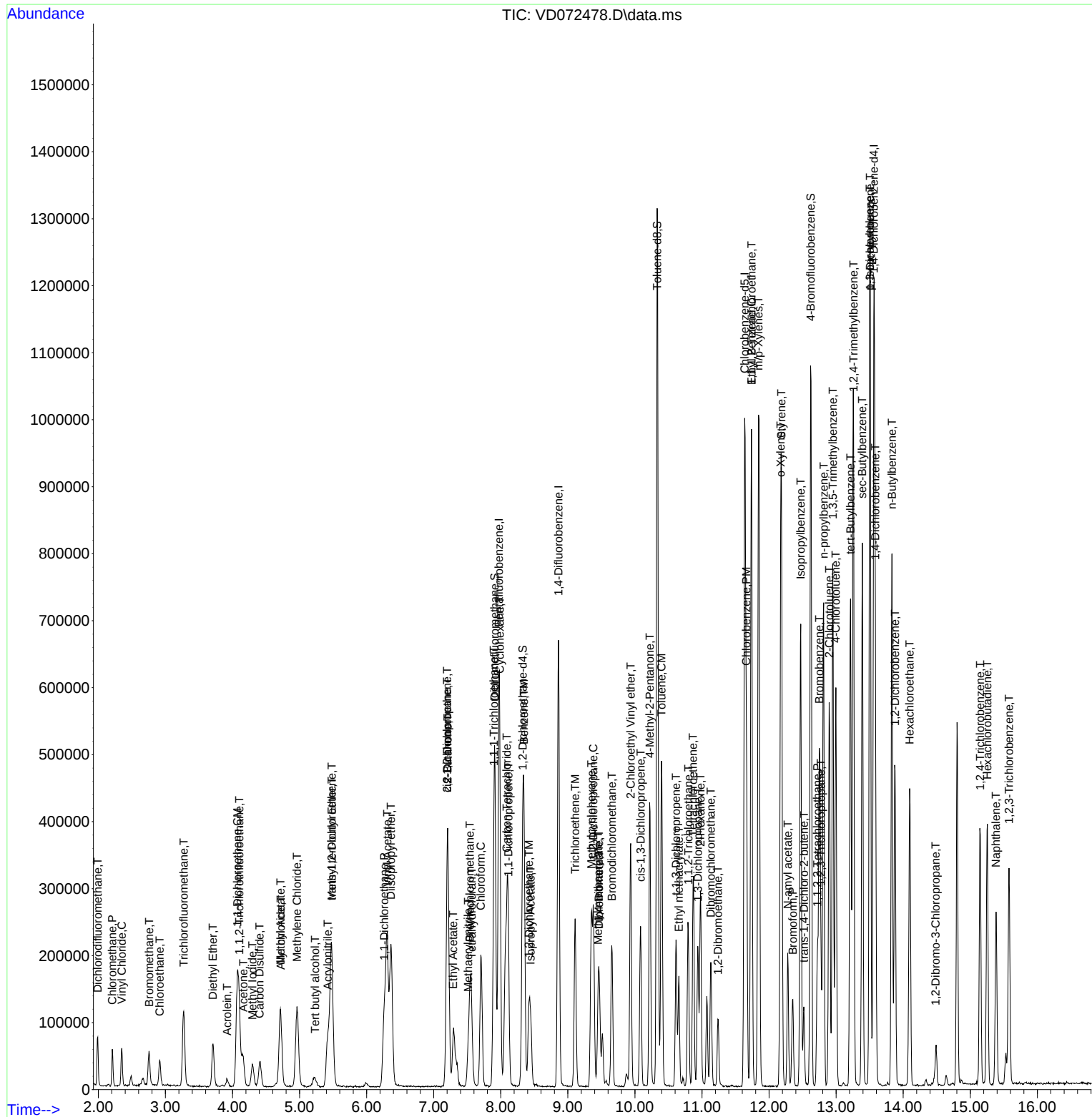
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

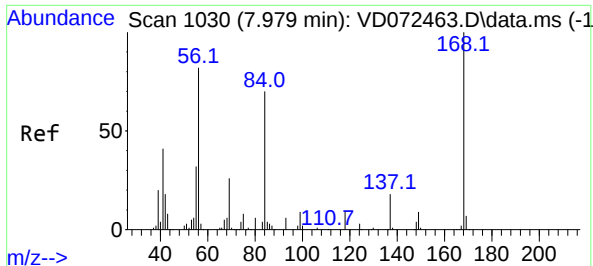
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD033022\  
 Data File : VD072478.D  
 Acq On : 30 Mar 2022 14:48  
 Operator : VA/SY  
 Sample : VD0330SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0330SBS02

Quant Time: Mar 31 03:08:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D032922S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 02:44:36 2022  
 Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

Instrument :

MSVOA\_D

ClientSampleId :

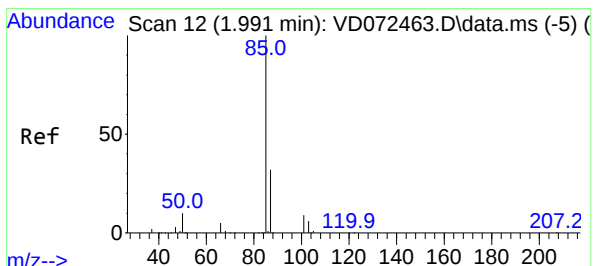
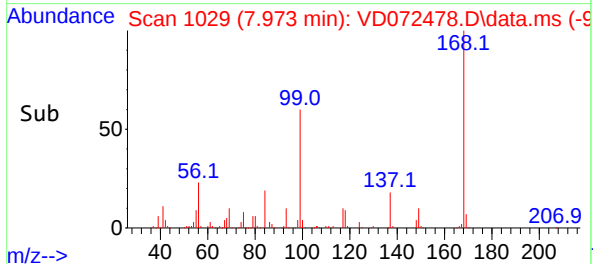
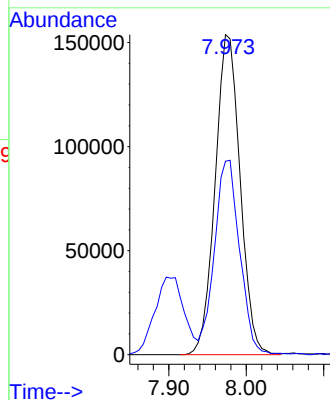
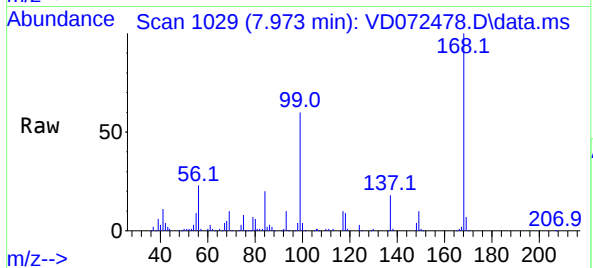
VD0330SBS02

Tgt Ion:168 Resp: 345253

Ion Ratio Lower Upper

168 100

99 60.0 49.8 74.6



Dichlorodifluoromethane

Concen: 20.655 ug/l

RT: 1.991 min Scan# 12

Delta R.T. -0.000 min

Lab File: VD072478.D

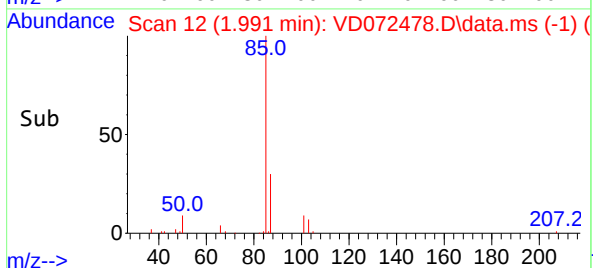
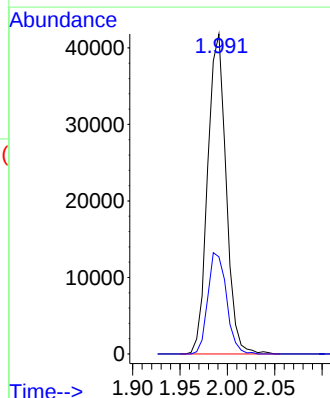
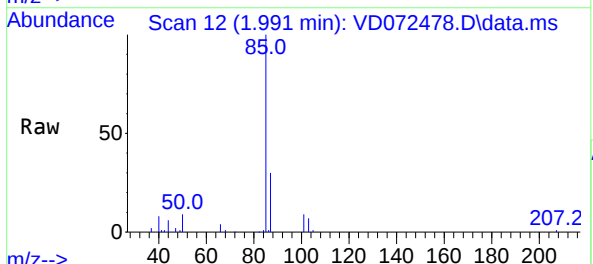
Acq: 30 Mar 2022 14:48

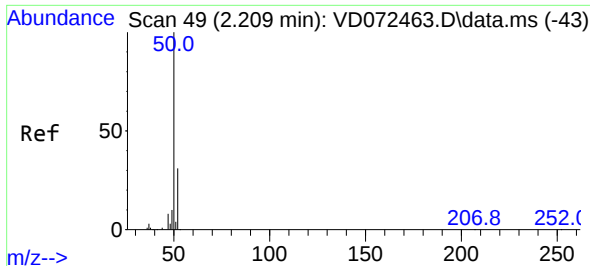
Tgt Ion: 85 Resp: 56597

Ion Ratio Lower Upper

85 100

87 30.4 15.7 47.0

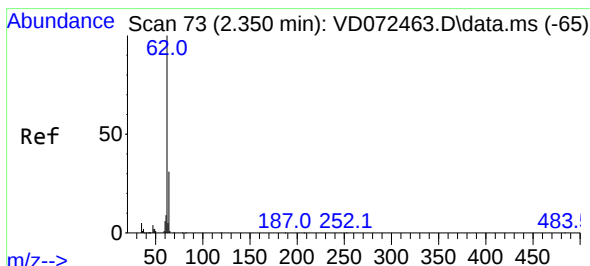
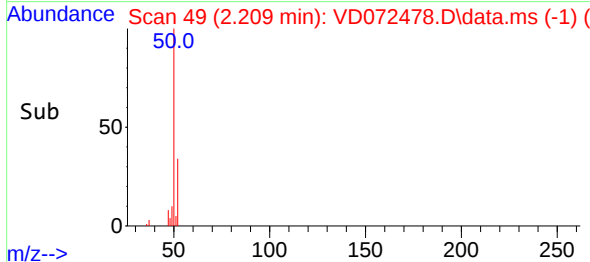
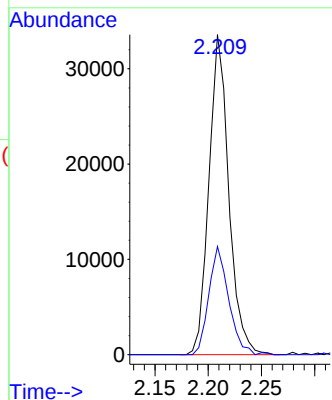
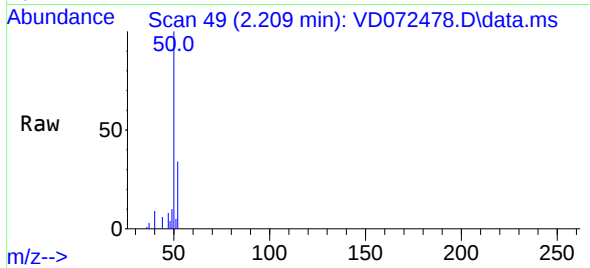




#3  
Chloromethane  
Concen: 17.223 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

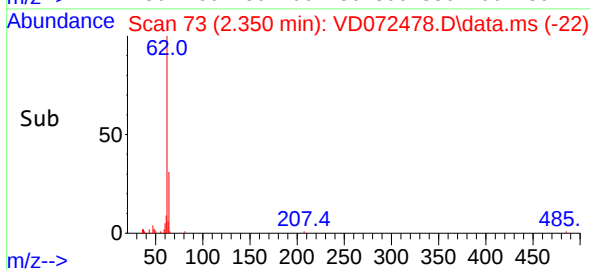
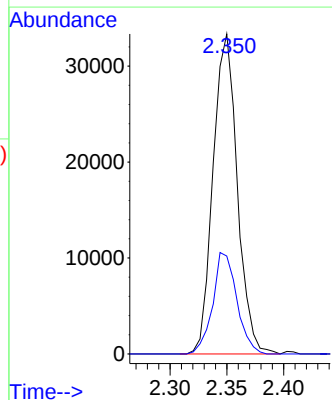
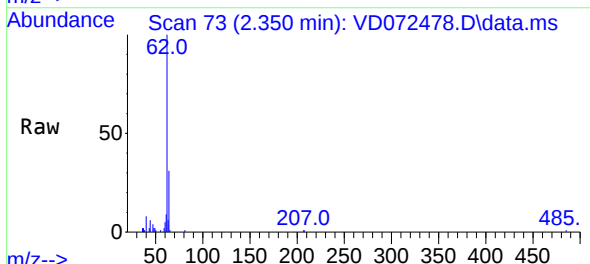
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

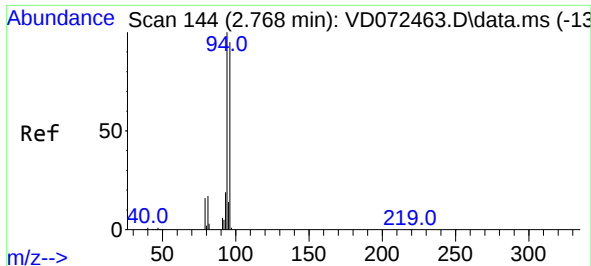
Tgt Ion: 50 Resp: 43650  
Ion Ratio Lower Upper  
50 100  
52 33.8 27.4 41.0



#4  
Vinyl Chloride  
Concen: 17.620 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 62 Resp: 49501  
Ion Ratio Lower Upper  
62 100  
64 30.6 25.4 38.0

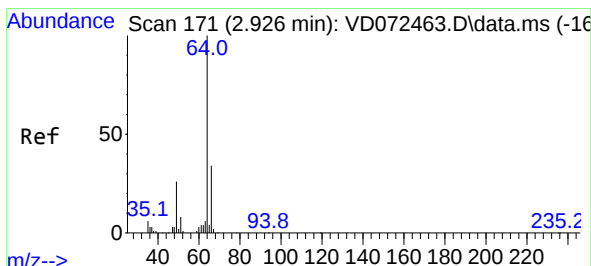
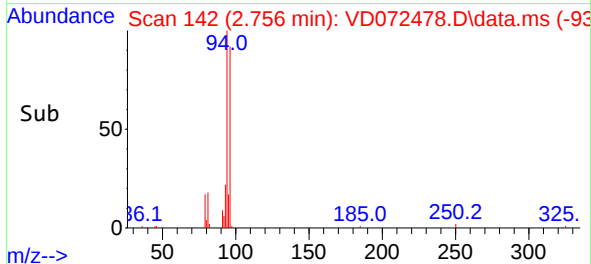
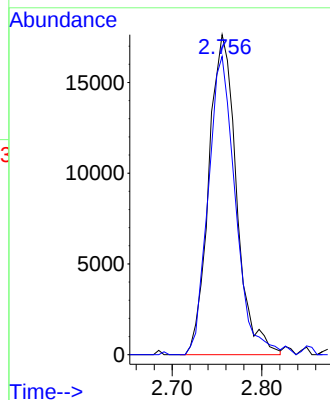
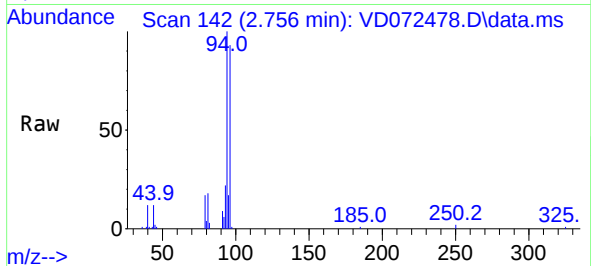




#5  
Bromomethane  
Concen: 19.313 ug/l  
RT: 2.756 min Scan# 14  
Delta R.T. -0.012 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

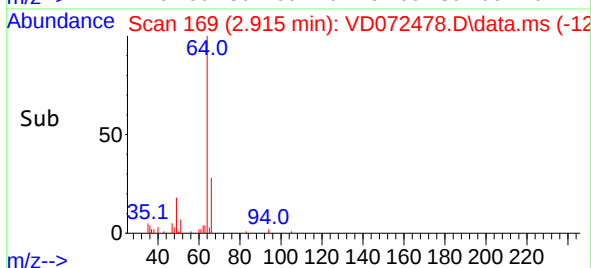
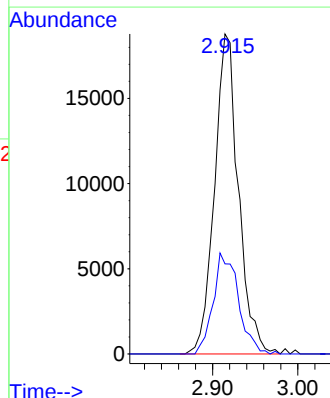
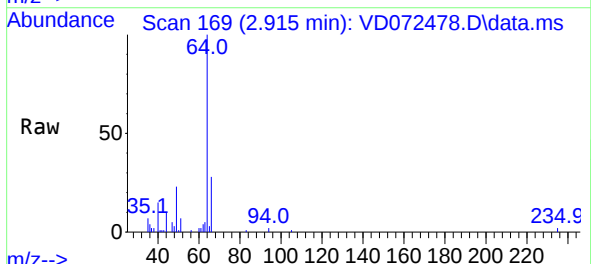
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

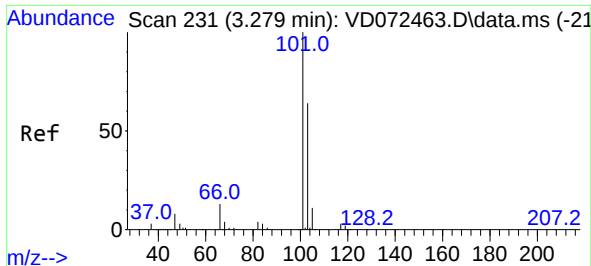
Tgt Ion: 94 Resp: 37718  
Ion Ratio Lower Upper  
94 100  
96 93.2 77.6 116.4



#6  
Chloroethane  
Concen: 19.590 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.012 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 64 Resp: 36567  
Ion Ratio Lower Upper  
64 100  
66 28.2 25.9 38.9





#7

Trichlorofluoromethane

Concen: 20.428 ug/l

RT: 3.273 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

Instrument :

MSVOA\_D

ClientSampleId :

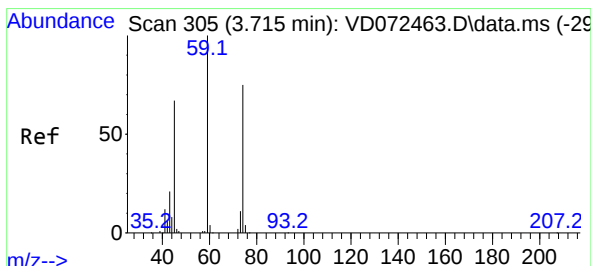
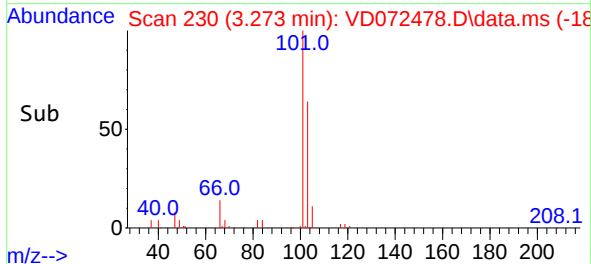
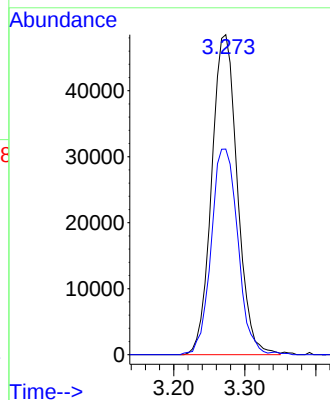
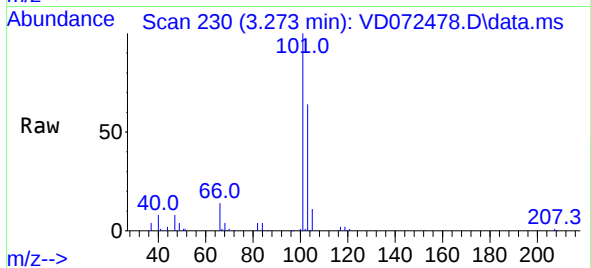
VD0330SBS02

Tgt Ion:101 Resp: 121492

Ion Ratio Lower Upper

101 100

103 64.3 50.1 75.1



#8

Diethyl Ether

Concen: 19.546 ug/l

RT: 3.709 min Scan# 304

Delta R.T. -0.006 min

Lab File: VD072478.D

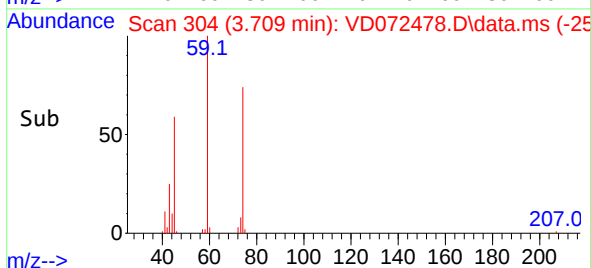
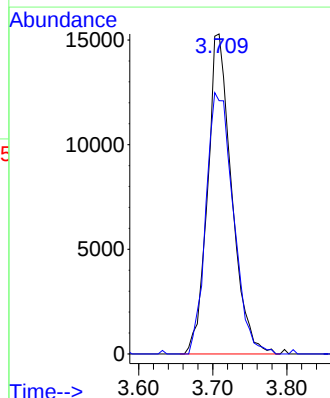
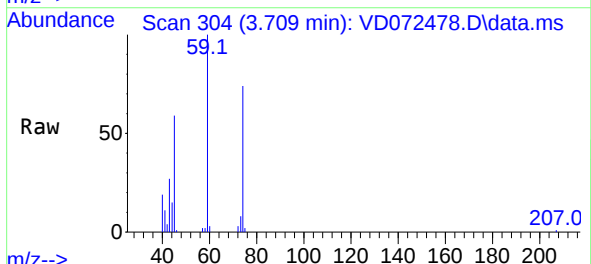
Acq: 30 Mar 2022 14:48

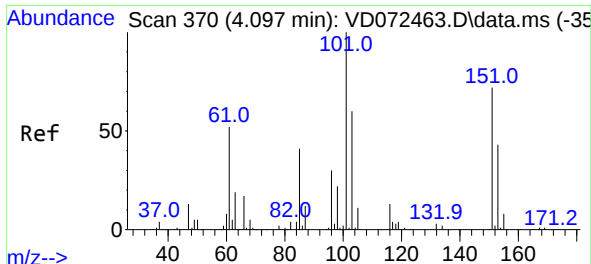
Tgt Ion: 74 Resp: 34545

Ion Ratio Lower Upper

74 100

45 92.5 52.6 157.8

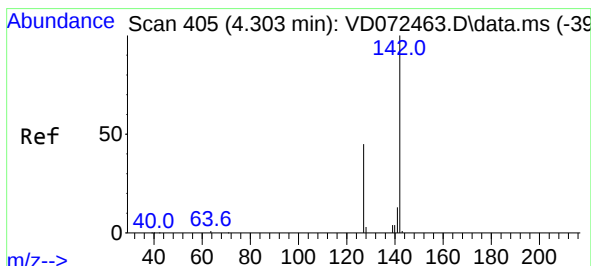
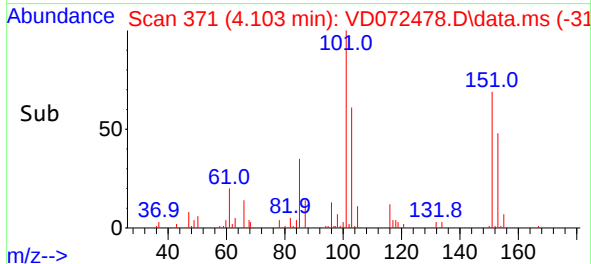
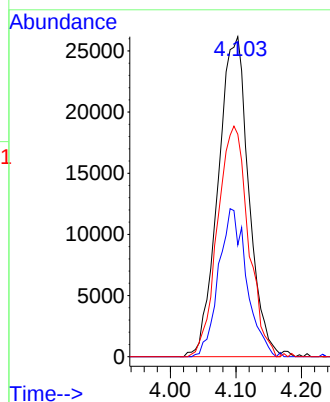
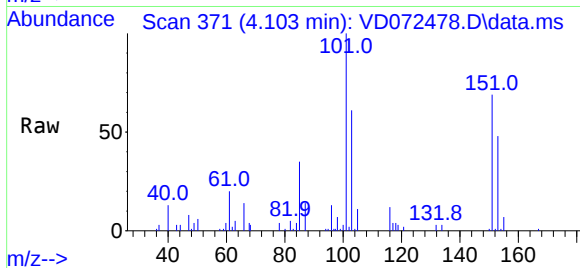




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.370 ug/l  
RT: 4.103 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

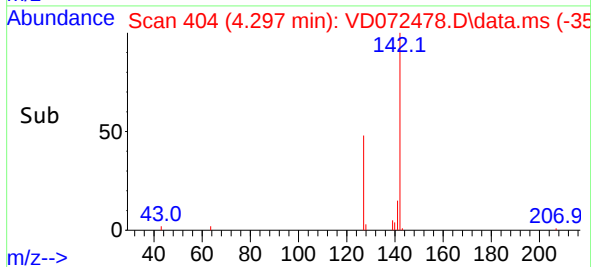
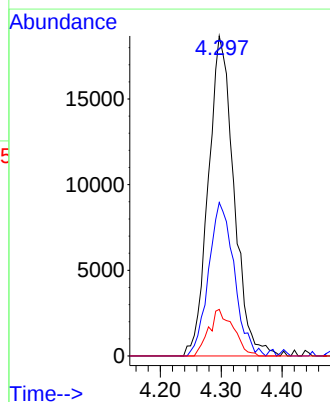
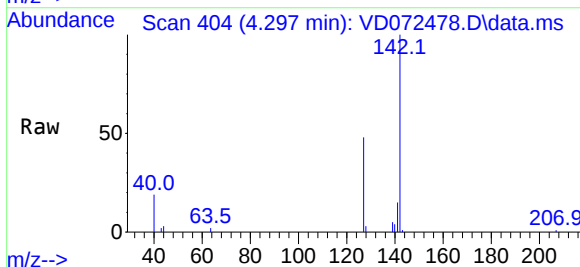
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBSD02

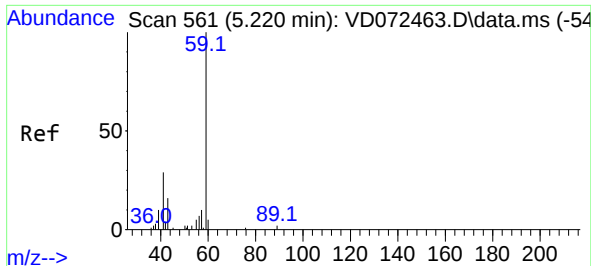
Tgt Ion:101 Resp: 84763  
Ion Ratio Lower Upper  
101 100  
85 42.3 36.4 54.6  
151 72.6 57.3 85.9



#10  
Methyl Iodide  
Concen: 17.365 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion:142 Resp: 54472  
Ion Ratio Lower Upper  
142 100  
127 47.9 37.3 55.9  
141 14.0 11.7 17.5

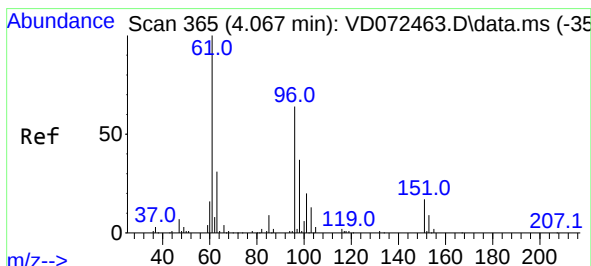
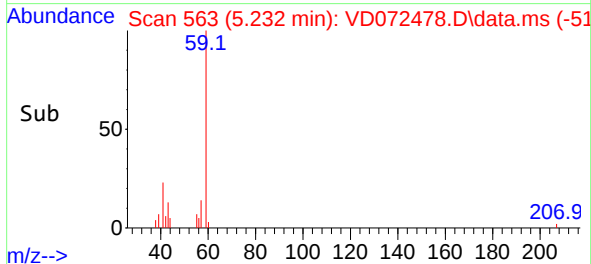
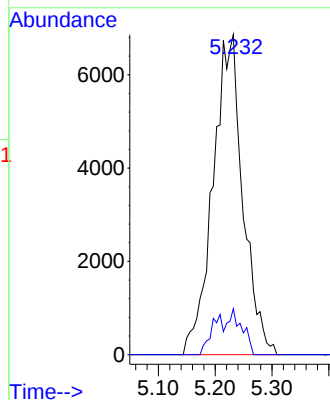
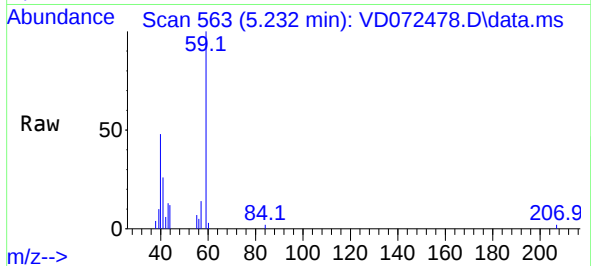




#11  
Tert butyl alcohol  
Concen: 113.952 ug/l  
RT: 5.232 min Scan# 50  
Delta R.T. 0.012 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

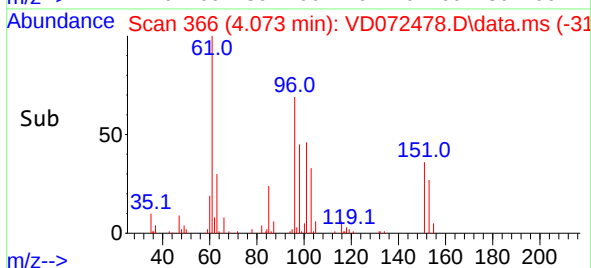
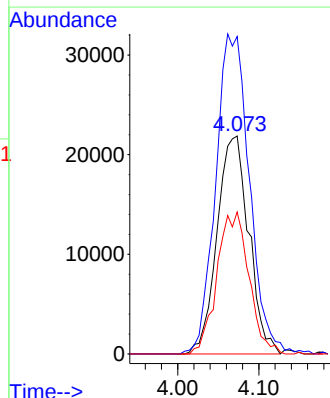
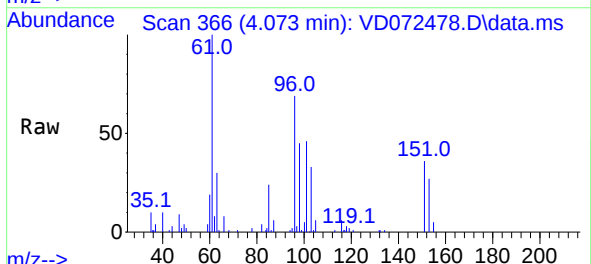
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

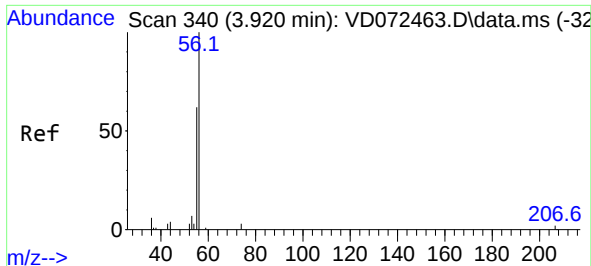
Tgt Ion: 59 Resp: 25133  
Ion Ratio Lower Upper  
59 100  
57 6.0 7.8 11.6#



#12  
1,1-Dichloroethene  
Concen: 19.166 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. 0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 96 Resp: 59435  
Ion Ratio Lower Upper  
96 100  
61 145.7 138.5 207.7  
98 65.1 48.6 73.0

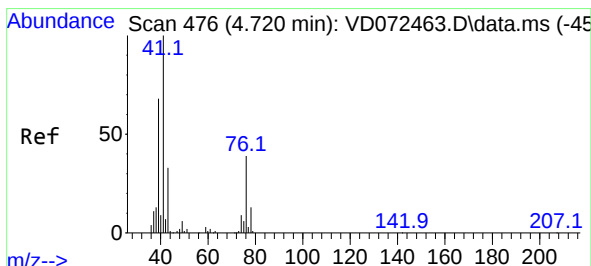
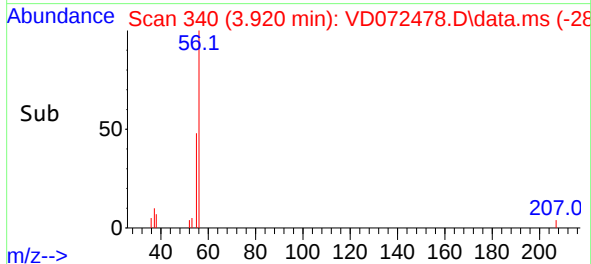
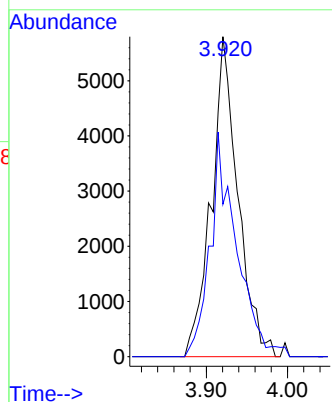
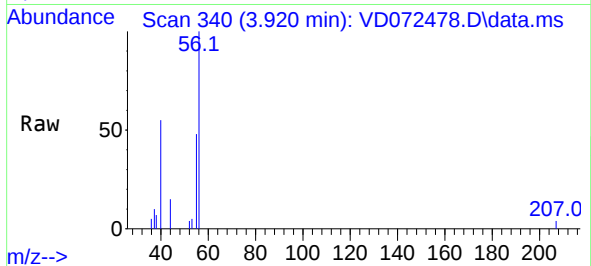




#13  
Acrolein  
Concen: 134.498 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

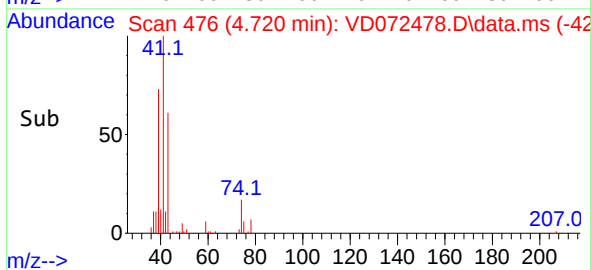
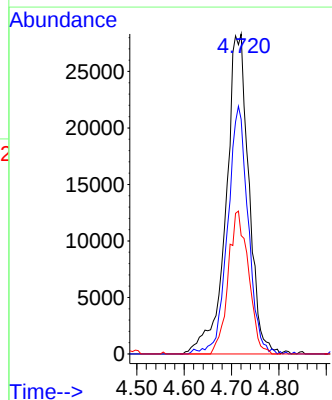
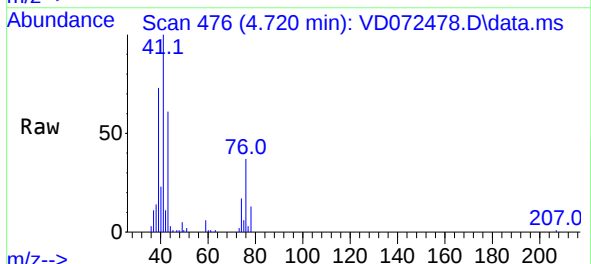
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

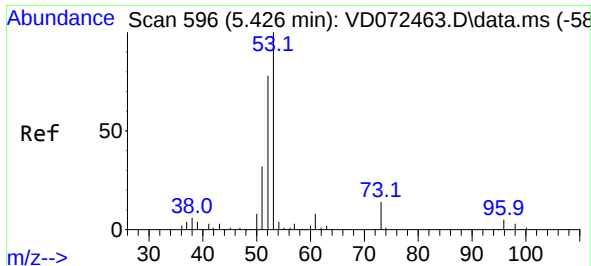
Tgt Ion: 56 Resp: 13164  
Ion Ratio Lower Upper  
56 100  
55 68.4 57.1 85.7



#14  
Allyl chloride  
Concen: 18.147 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 41 Resp: 94820  
Ion Ratio Lower Upper  
41 100  
39 69.5 59.3 88.9  
76 39.7 25.7 38.5#



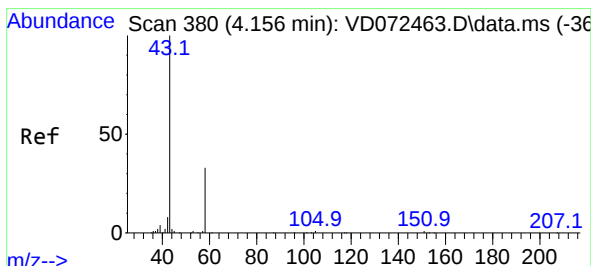
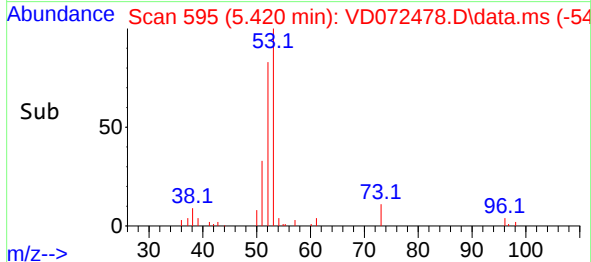
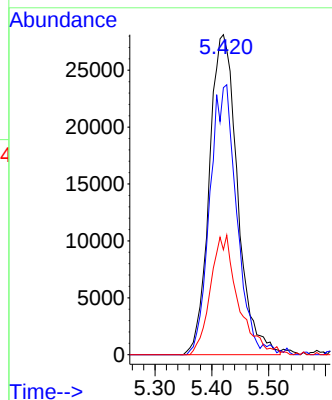
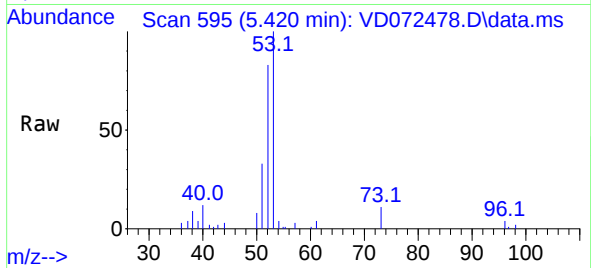


#15  
Acrylonitrile  
Concen: 109.524 ug/l  
RT: 5.420 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

Tgt Ion: 53 Resp: 96807

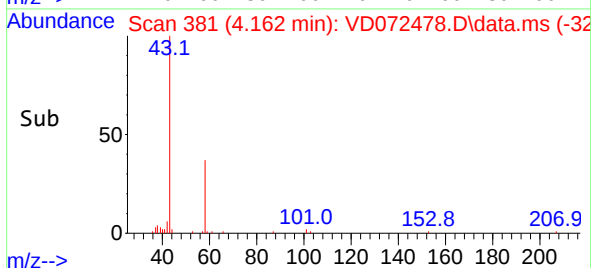
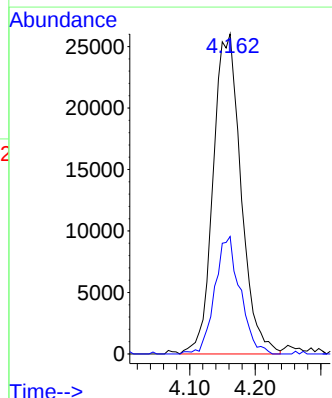
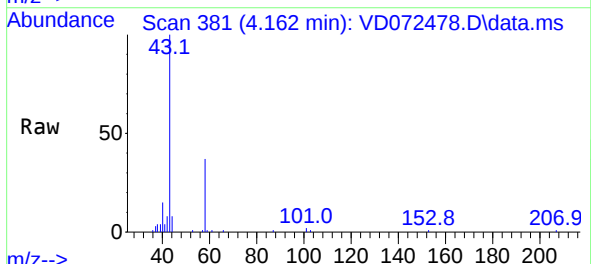
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 79.6  | 67.2  | 100.8 |
| 51  | 36.9  | 30.3  | 45.5  |

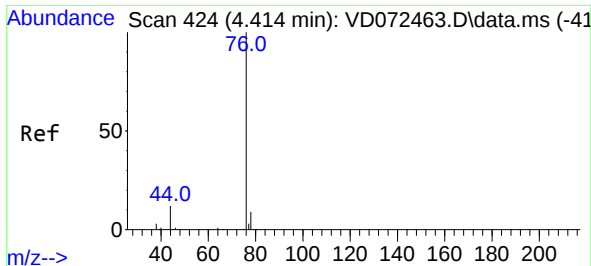


#16  
Acetone  
Concen: 98.473 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 43 Resp: 76689

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 36.7  | 22.1  | 33.1# |

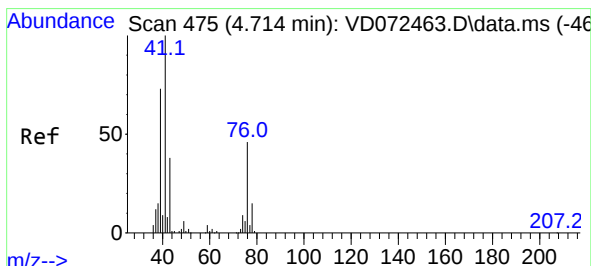
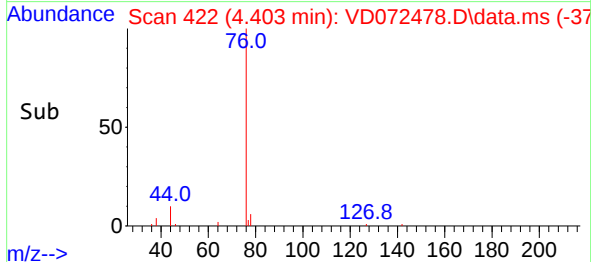
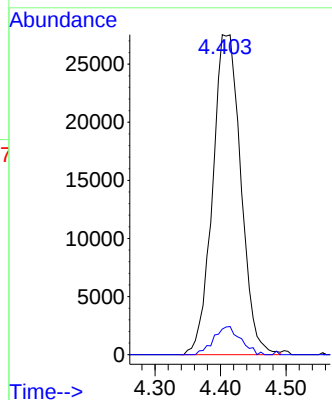
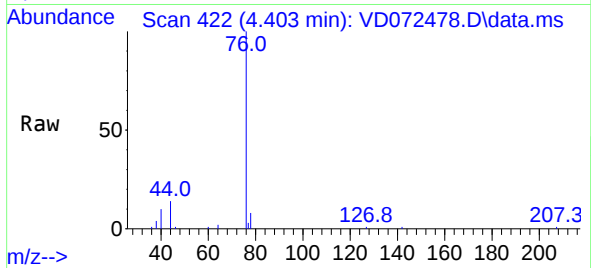




#17  
Carbon Disulfide  
Concen: 14.996 ug/l  
RT: 4.403 min Scan# 41  
Delta R.T. -0.011 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

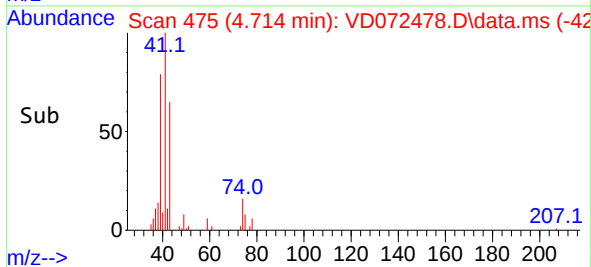
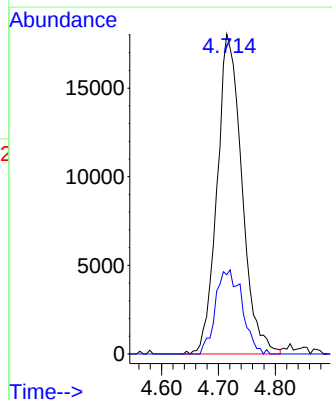
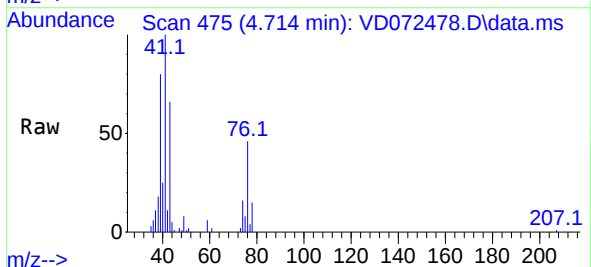
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

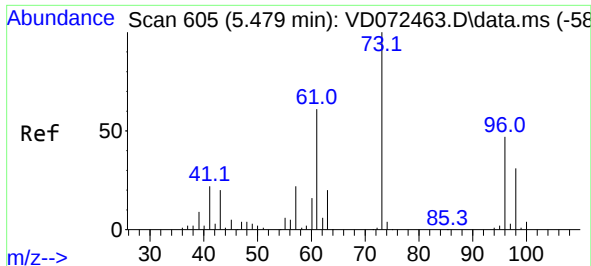
Tgt Ion: 76 Resp: 82334  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.5 11.3



#18  
Methyl Acetate  
Concen: 24.967 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 43 Resp: 54778  
Ion Ratio Lower Upper  
43 100  
74 28.1 16.7 25.1#

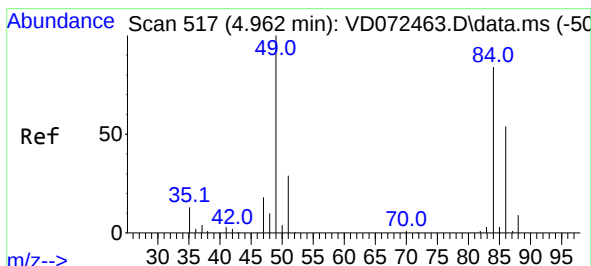
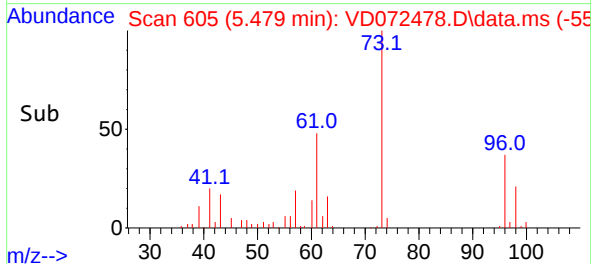
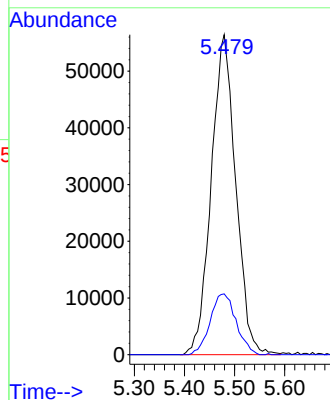
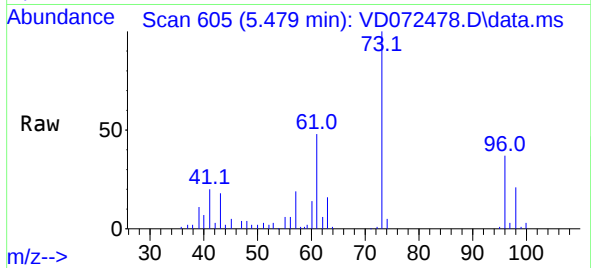




#19  
Methyl tert-butyl Ether  
Concen: 21.197 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

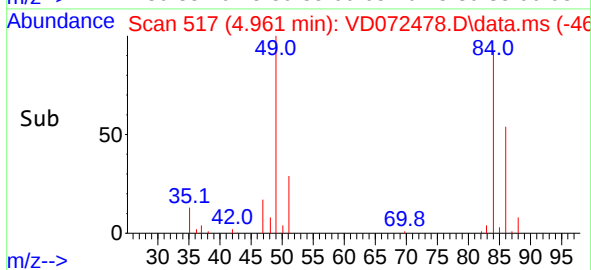
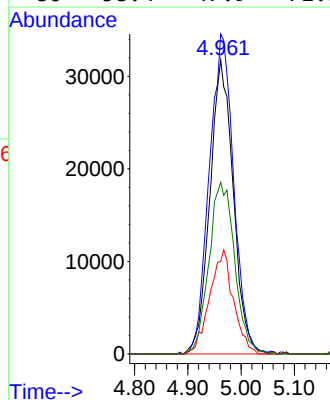
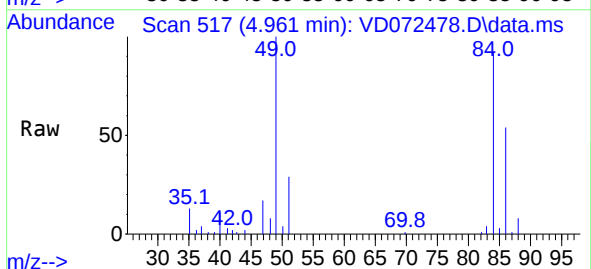
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

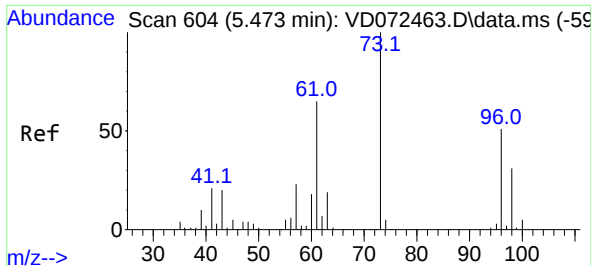
Tgt Ion: 73 Resp: 191857  
Ion Ratio Lower Upper  
73 100  
57 19.0 18.0 27.0



#20  
Methylene Chloride  
Concen: 20.940 ug/l  
RT: 4.961 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 84 Resp: 97082  
Ion Ratio Lower Upper  
84 100  
49 108.2 112.8 169.2#  
51 31.4 32.6 48.8#  
86 58.4 47.9 71.9

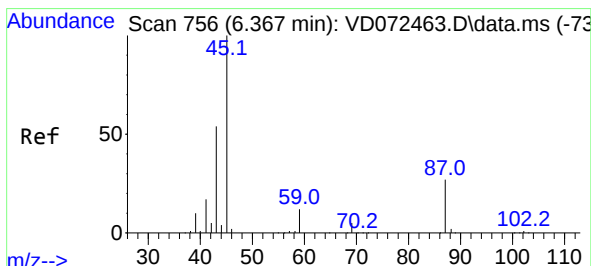
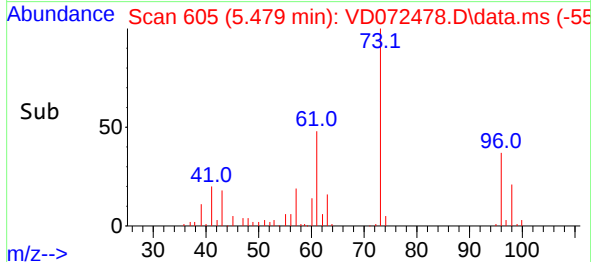
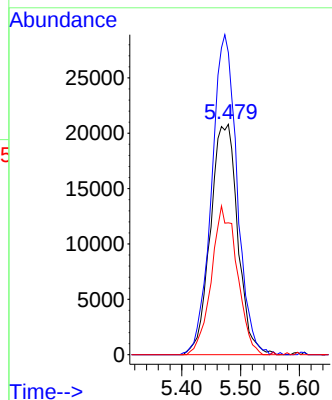
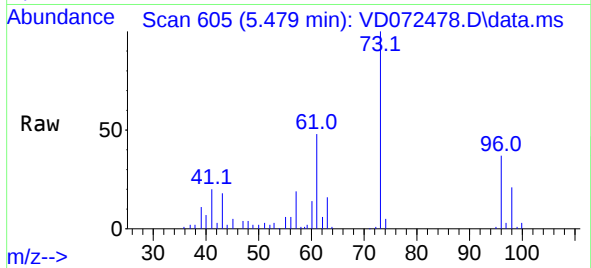




#21  
trans-1,2-Dichloroethene  
Concen: 18.224 ug/l  
RT: 5.479 min Scan# 604  
Delta R.T. 0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

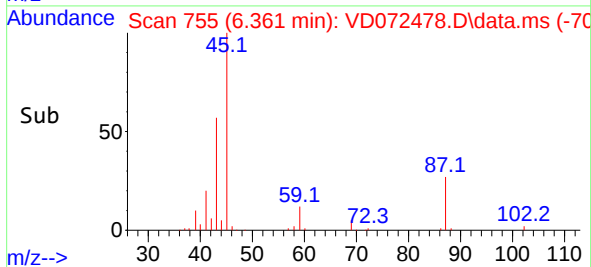
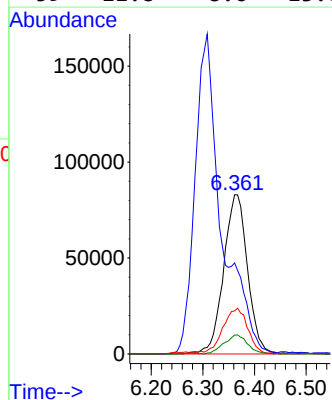
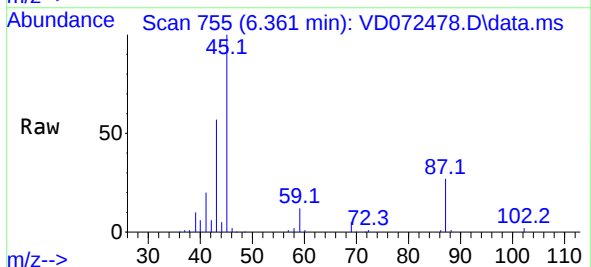
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

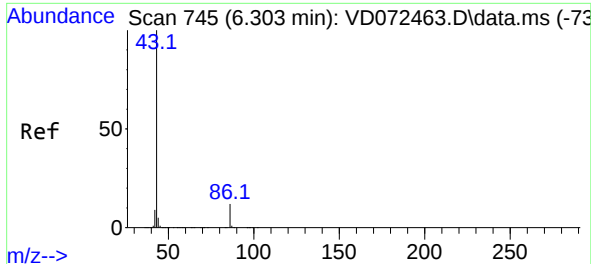
Tgt Ion: 96 Resp: 67136  
Ion Ratio Lower Upper  
96 100  
61 131.1 117.9 176.9  
98 57.3 49.4 74.2



#22  
Diisopropyl ether  
Concen: 21.436 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 45 Resp: 267075  
Ion Ratio Lower Upper  
45 100  
43 55.9 46.6 70.0  
87 27.0 18.4 27.6  
59 11.8 8.6 13.0

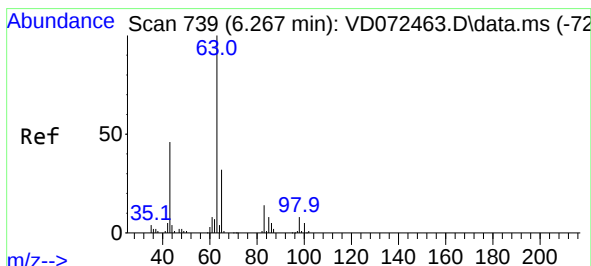
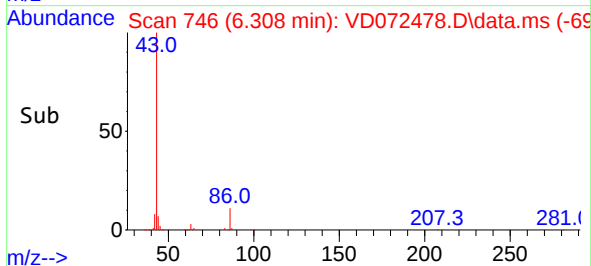
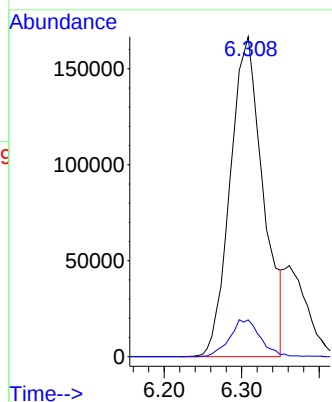
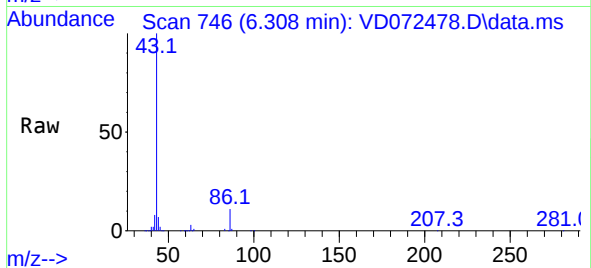




#23  
Vinyl Acetate  
Concen: 77.931 ug/l  
RT: 6.308 min Scan# 745  
Delta R.T. 0.005 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

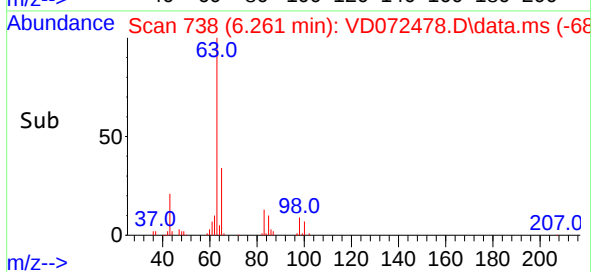
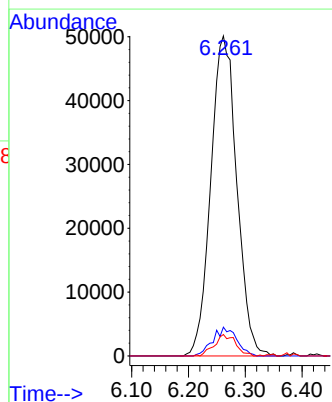
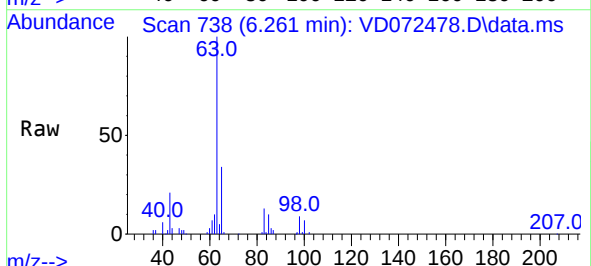
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

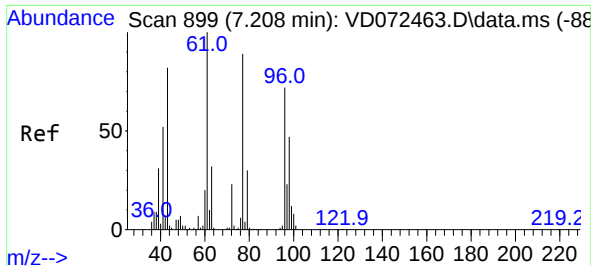
Tgt Ion: 43 Resp: 492476  
Ion Ratio Lower Upper  
43 100  
86 11.5 7.1 10.7#



#24  
1,1-Dichloroethane  
Concen: 21.226 ug/l  
RT: 6.261 min Scan# 738  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 63 Resp: 159360  
Ion Ratio Lower Upper  
63 100  
98 9.0 3.6 10.9  
100 6.7 2.1 6.5#

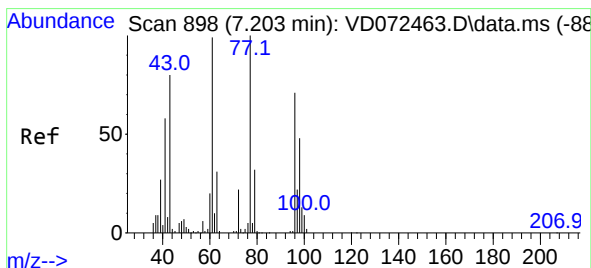
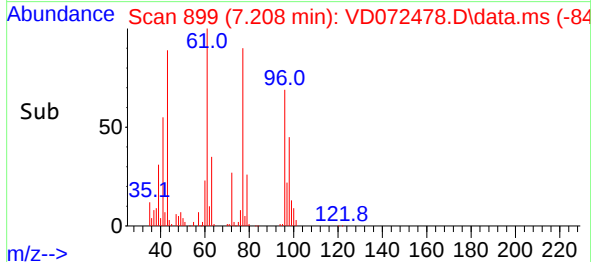
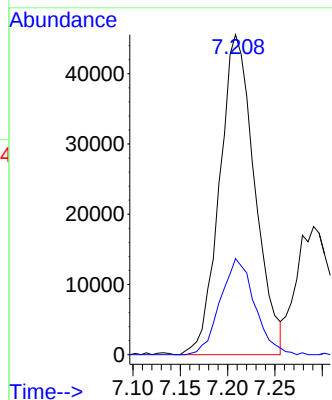
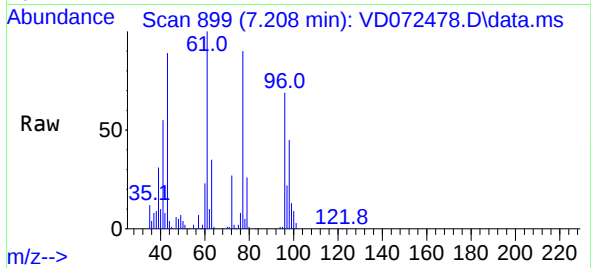




#25  
2-Butanone  
Concen: 109.413 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

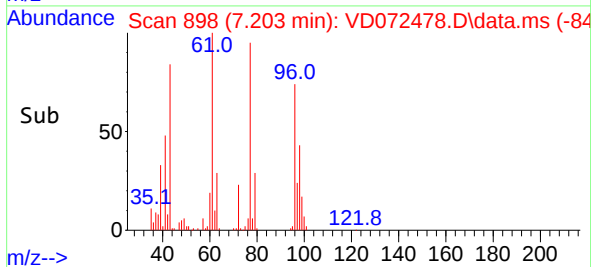
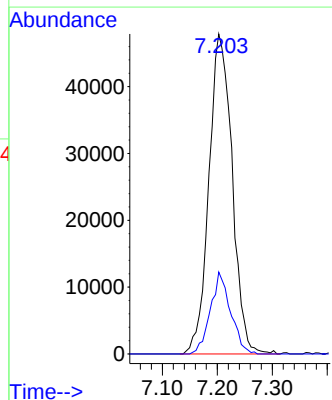
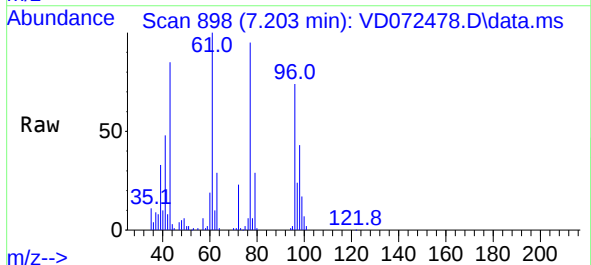
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBSD02

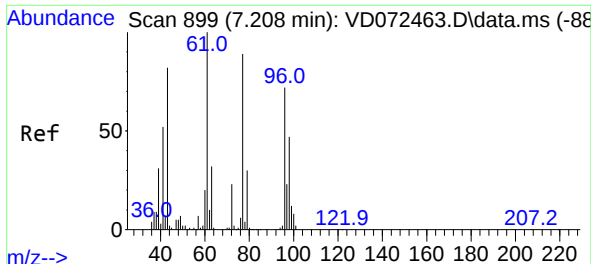
Tgt Ion: 43 Resp: 117846  
Ion Ratio Lower Upper  
43 100  
72 30.0 18.6 27.8#



#26  
2,2-Dichloropropane  
Concen: 21.072 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 77 Resp: 140518  
Ion Ratio Lower Upper  
77 100  
97 22.3 10.8 32.4

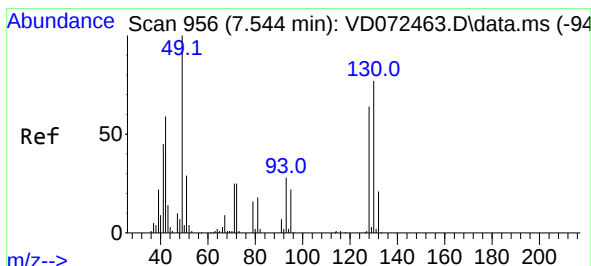
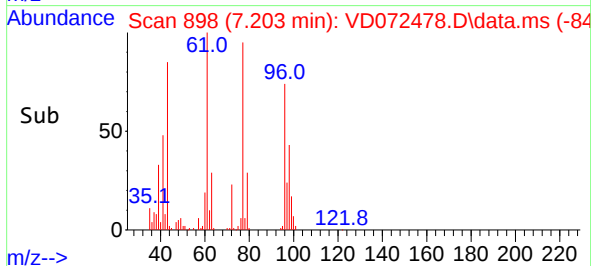
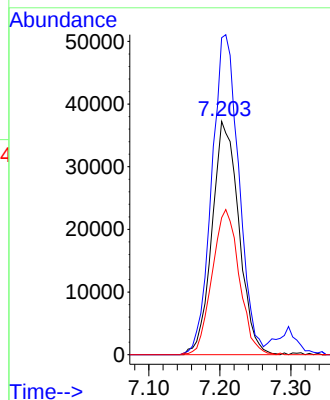
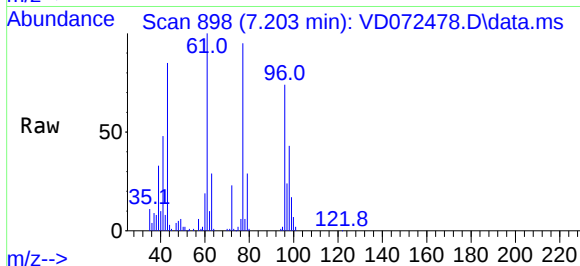




#27  
cis-1,2-Dichloroethene  
Concen: 20.716 ug/l  
RT: 7.203 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

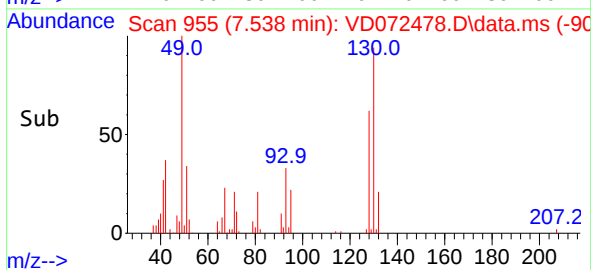
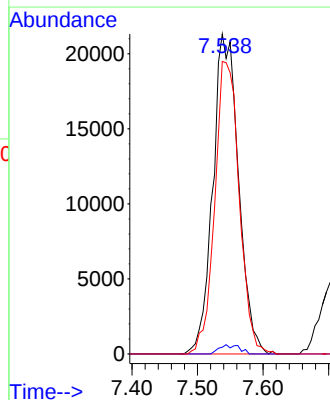
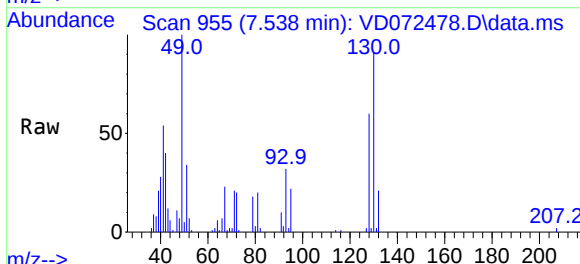
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

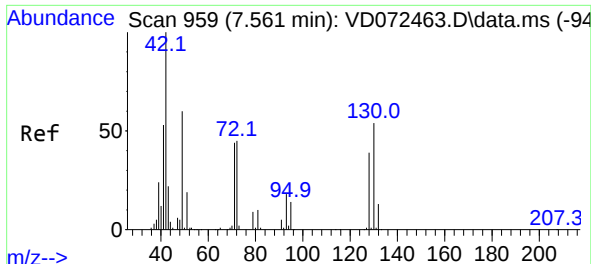
Tgt Ion: 96 Resp: 97539  
Ion Ratio Lower Upper  
96 100  
61 138.6 0.0 313.8  
98 62.9 0.0 128.8



#28  
Bromochloromethane  
Concen: 18.043 ug/l  
RT: 7.538 min Scan# 955  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 49 Resp: 58043  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 4.0  
130 86.9 52.6 79.0#





#29

Tetrahydrofuran

Concen: 105.363 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.006 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

Instrument :

MSVOA\_D

ClientSampleId :

VD0330SBS02

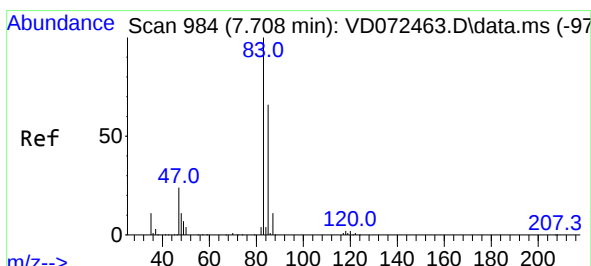
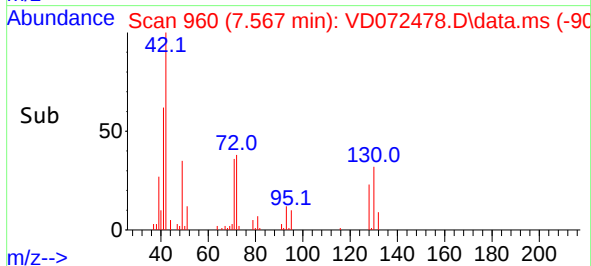
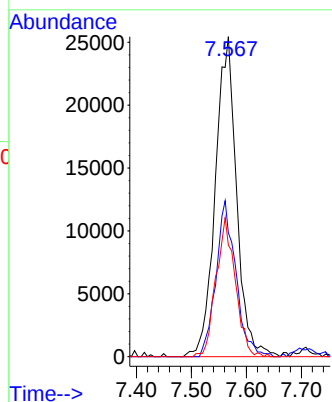
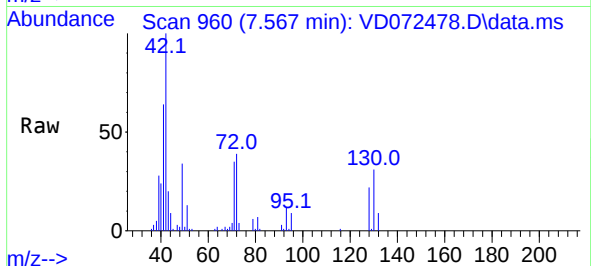
Tgt Ion: 42 Resp: 68515

Ion Ratio Lower Upper

42 100

72 45.4 30.7 46.1

71 39.4 28.6 43.0



#30

Chloroform

Concen: 22.372 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD072478.D

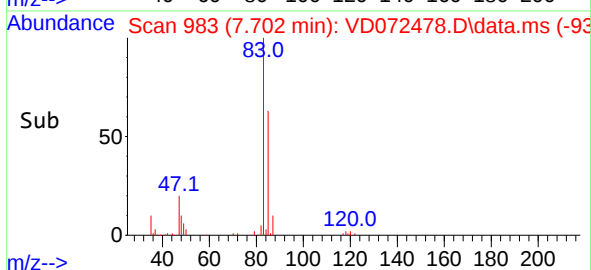
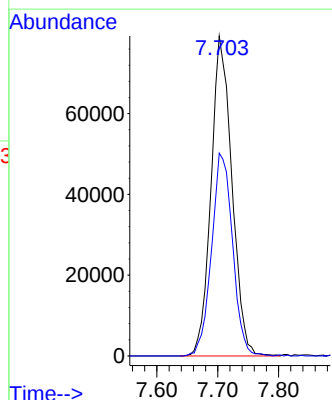
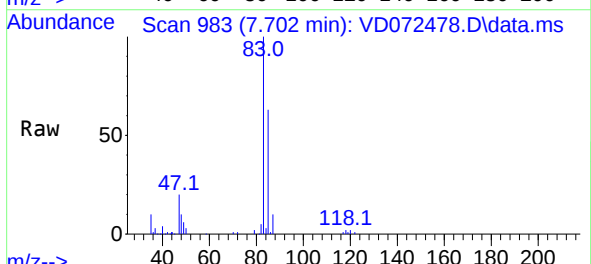
Acq: 30 Mar 2022 14:48

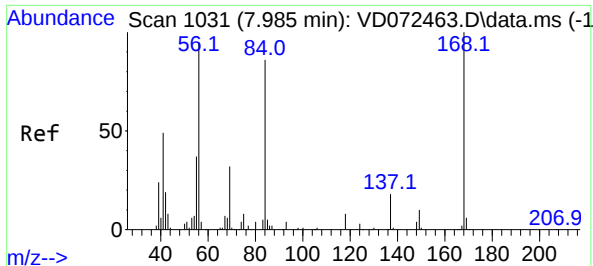
Tgt Ion: 83 Resp: 188935

Ion Ratio Lower Upper

83 100

85 63.4 52.7 79.1





#31

Cyclohexane

Concen: 17.678 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

Instrument :

MSVOA\_D

ClientSampleId :

VD0330SBS02

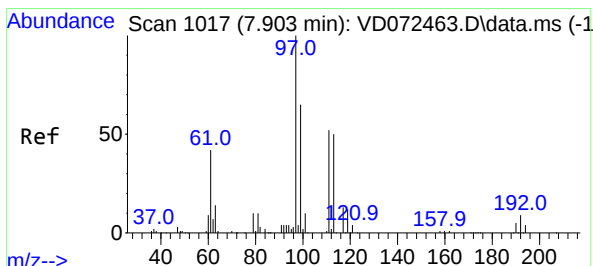
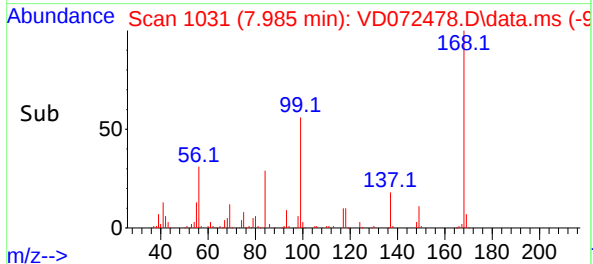
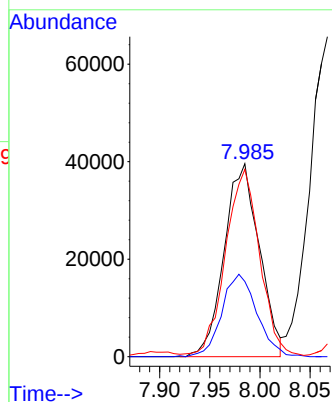
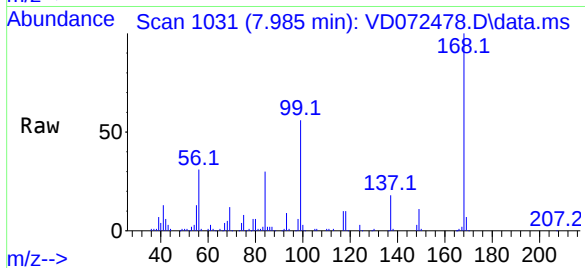
Tgt Ion: 56 Resp: 96541

Ion Ratio Lower Upper

56 100

69 38.5 25.4 38.2#

84 95.7 63.0 94.4#



#32

1,1,1-Trichloroethane

Concen: 21.645 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

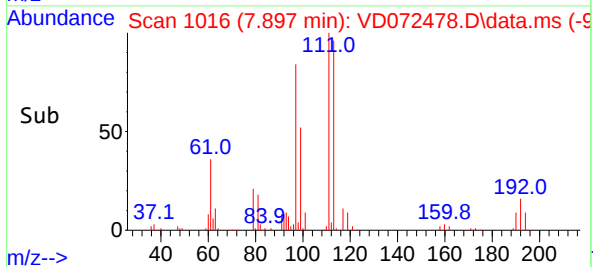
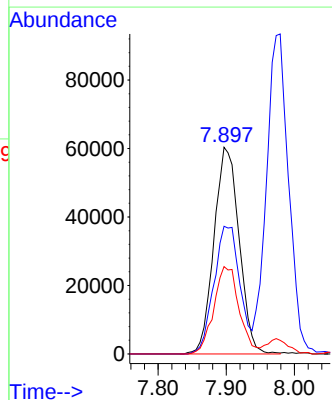
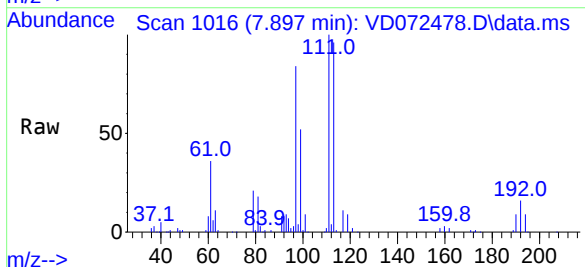
Tgt Ion: 97 Resp: 155043

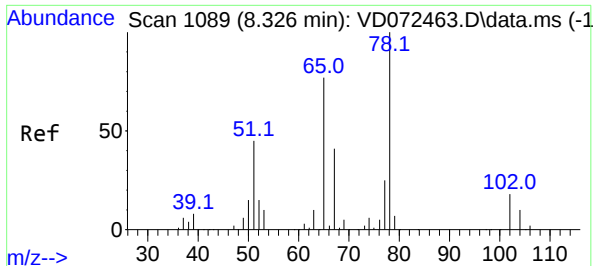
Ion Ratio Lower Upper

97 100

99 64.3 52.4 78.6

61 42.7 38.0 57.0

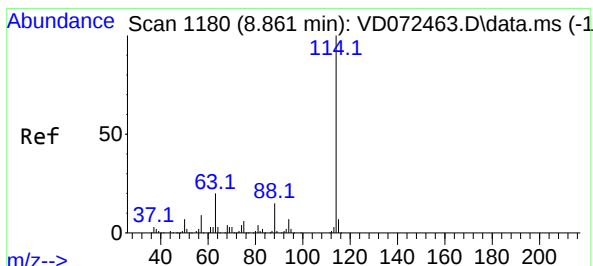
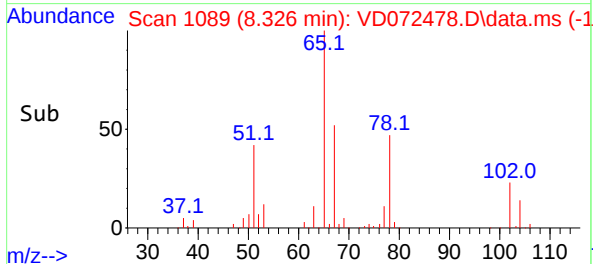
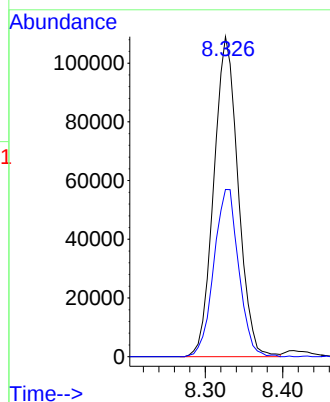
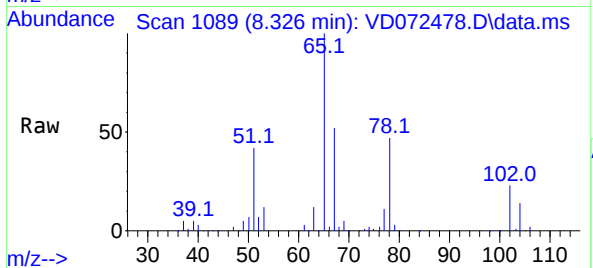




#33  
1,2-Dichloroethane-d4  
Concen: 56.889 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

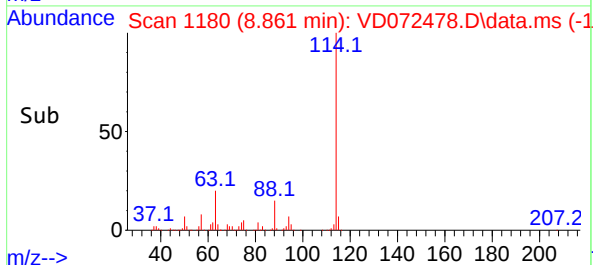
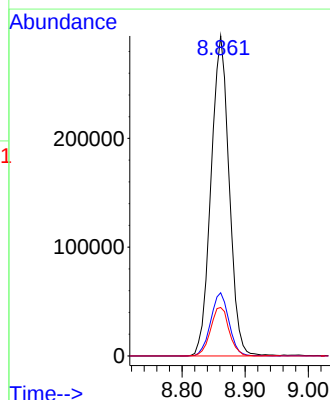
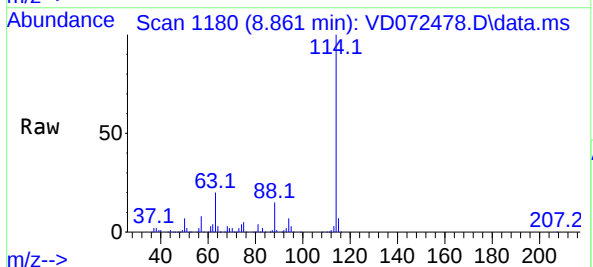
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBSD02

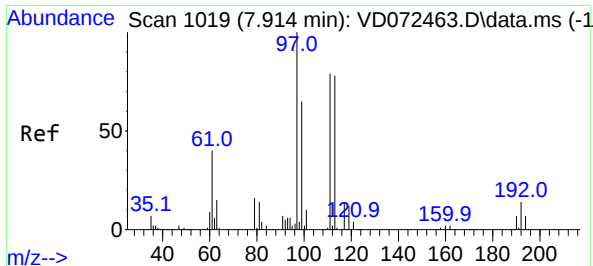
Tgt Ion: 65 Resp: 237597  
Ion Ratio Lower Upper  
65 100  
67 53.6 0.0 101.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion:114 Resp: 586576  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 46.6  
88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.250 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

Instrument :

MSVOA\_D

ClientSampleId :

VD0330SBSD02

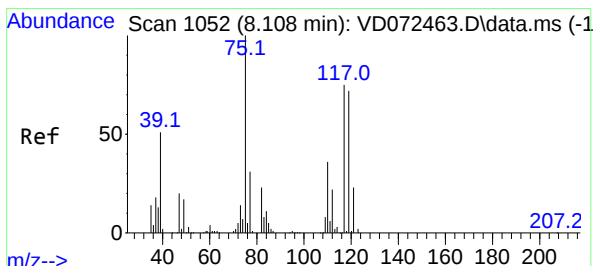
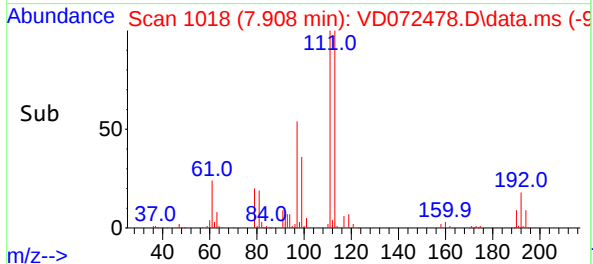
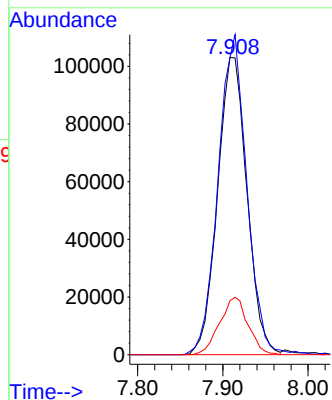
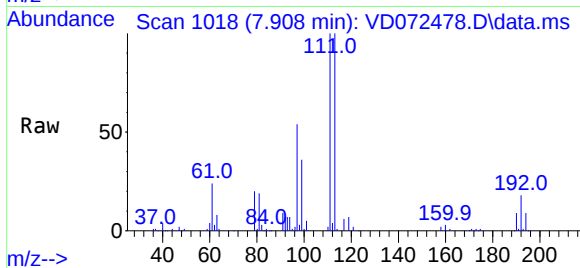
Tgt Ion:113 Resp: 247298

Ion Ratio Lower Upper

113 100

111 105.4 83.8 125.6

192 18.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 18.118 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

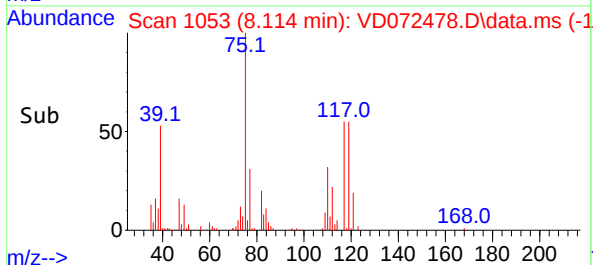
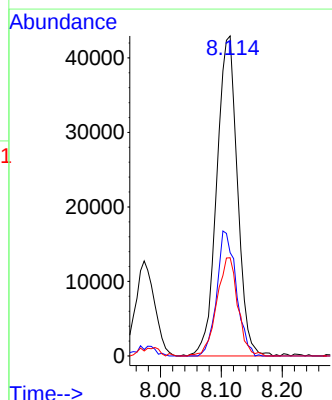
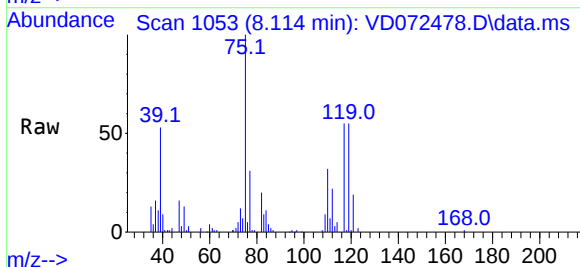
Tgt Ion: 75 Resp: 101273

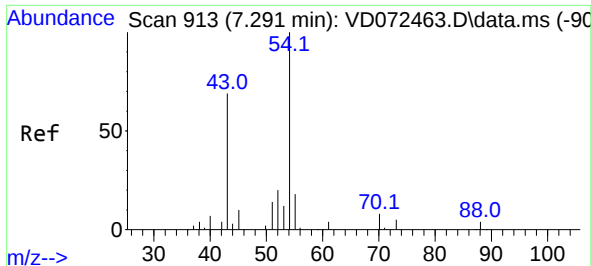
Ion Ratio Lower Upper

75 100

110 36.8 16.4 49.1

77 31.2 24.2 36.2

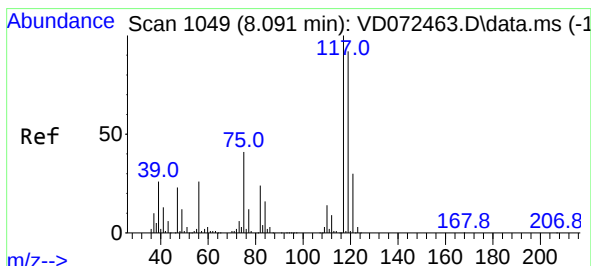
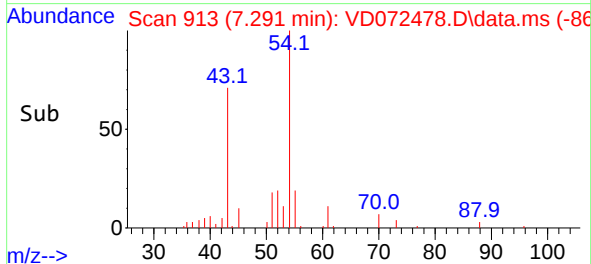
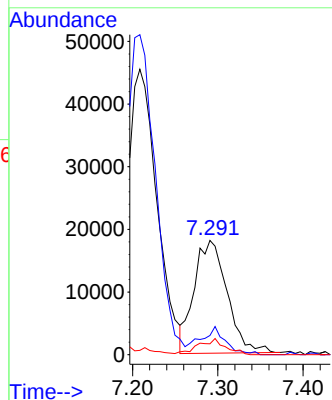
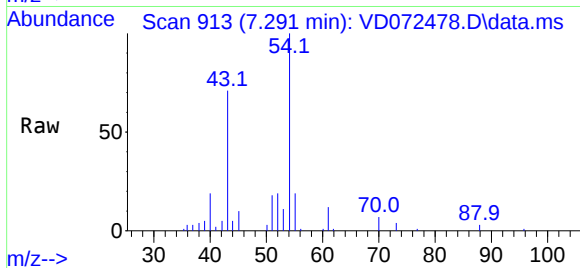




#37  
Ethyl Acetate  
Concen: 20.017 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

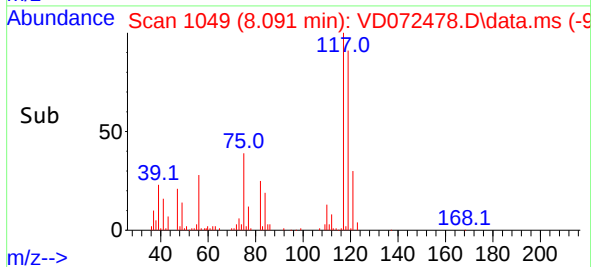
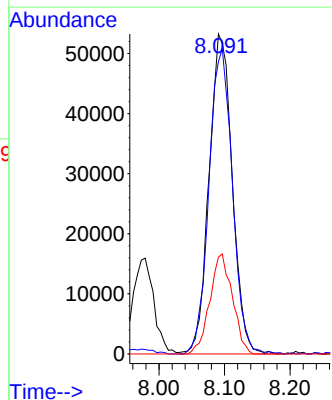
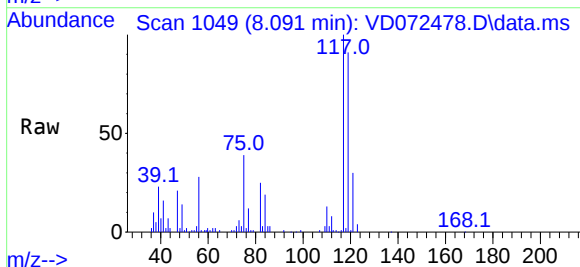
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

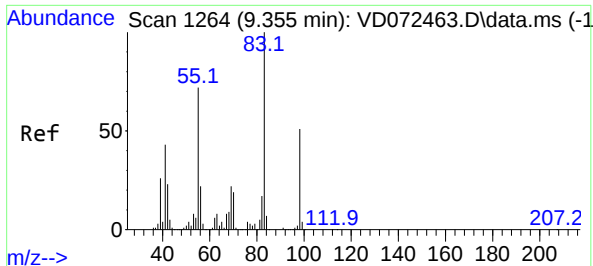
Tgt Ion: 43 Resp: 48349  
Ion Ratio Lower Upper  
43 100  
61 19.0 9.8 14.8#  
70 11.7 6.9 10.3#



#38  
Carbon Tetrachloride  
Concen: 20.810 ug/l  
RT: 8.091 min Scan# 1049  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 117 Resp: 130690  
Ion Ratio Lower Upper  
117 100  
119 91.3 75.8 113.6  
121 30.3 24.5 36.7

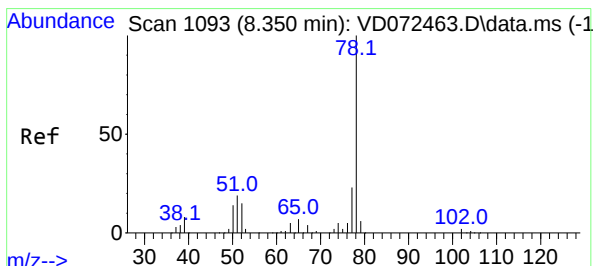
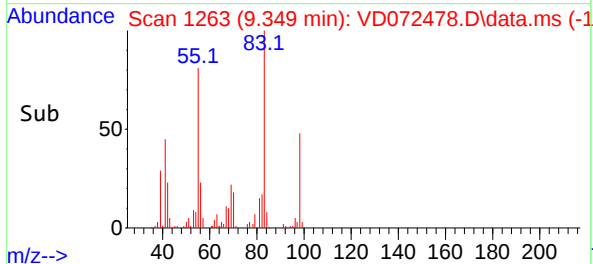
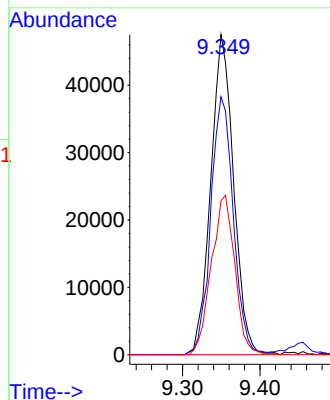
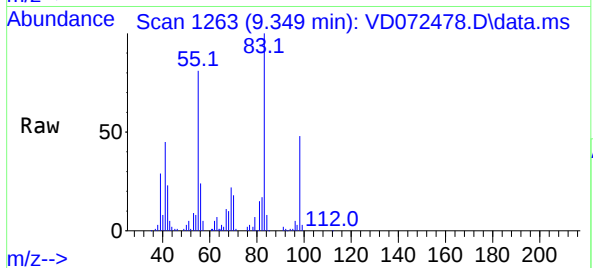




#39  
Methylcyclohexane  
Concen: 16.395 ug/l  
RT: 9.349 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

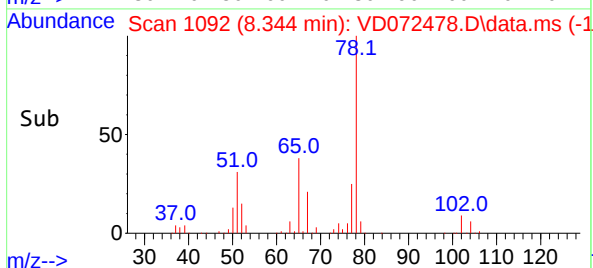
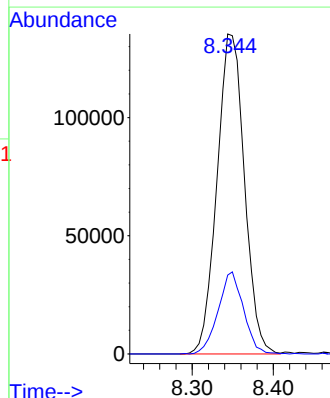
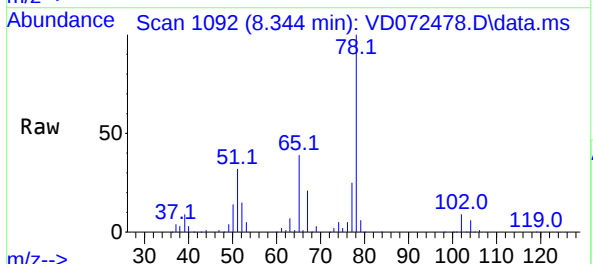
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

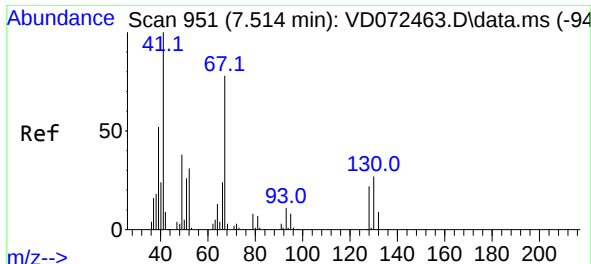
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 97314 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 80.6  | 63.2  | 94.8  |
| 98       | 48.0  | 38.2  | 57.4  |



#40  
Benzene  
Concen: 19.963 ug/l  
RT: 8.344 min Scan# 1092  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 317814 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.7  | 19.1  | 28.7   |

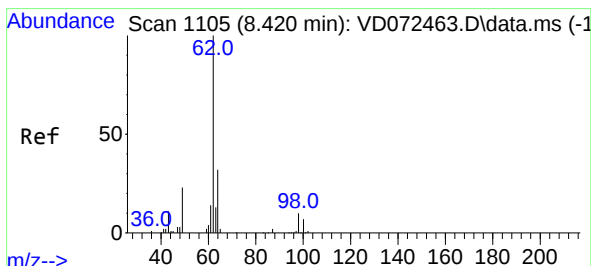
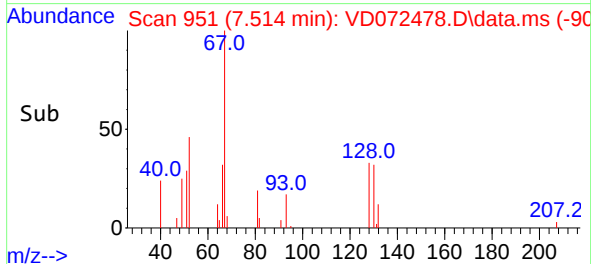
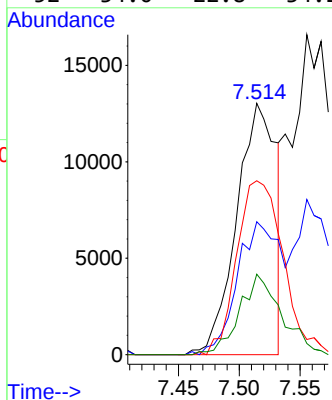
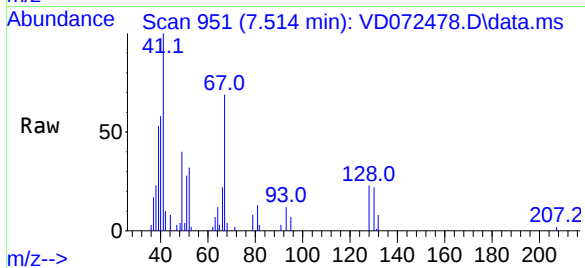




#41  
Methacrylonitrile  
Concen: 21.873 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

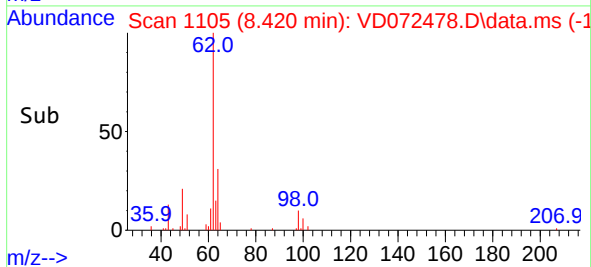
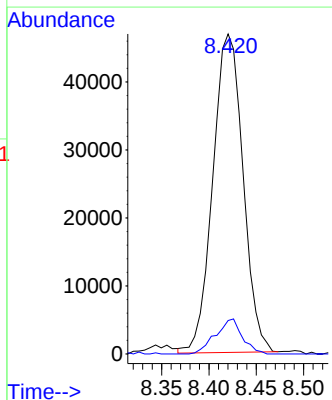
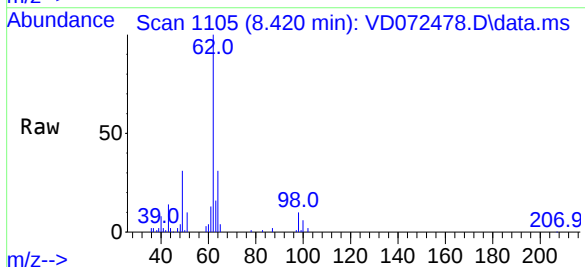
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

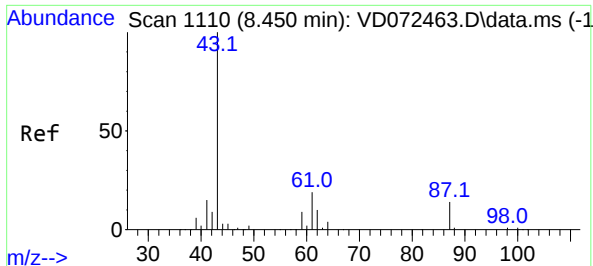
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 29514 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.0  | 44.6  | 67.0  |
| 67       | 81.1  | 48.2  | 72.4# |
| 52       | 34.0  | 22.8  | 34.2  |



#42  
1,2-Dichloroethane  
Concen: 21.359 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 103936 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.7   | 0.0   | 17.6   |

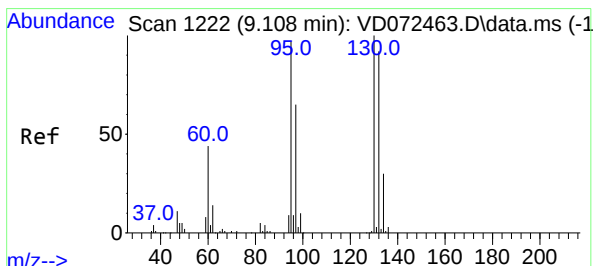
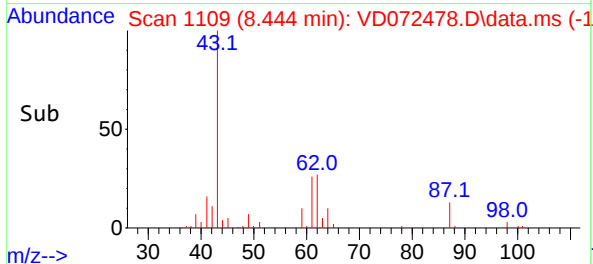
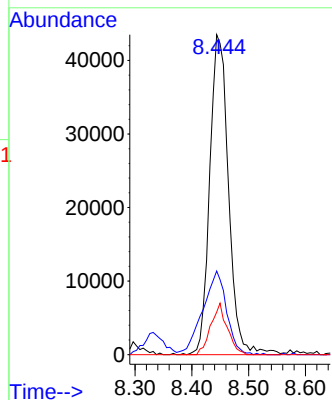
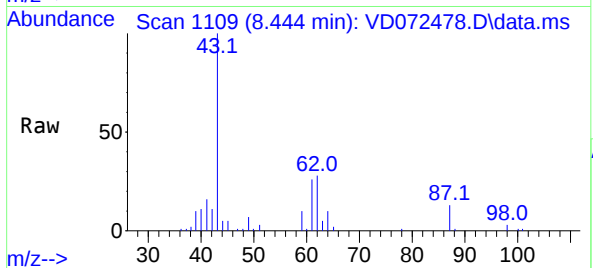




#43  
Isopropyl Acetate  
Concen: 21.528 ug/l  
RT: 8.444 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

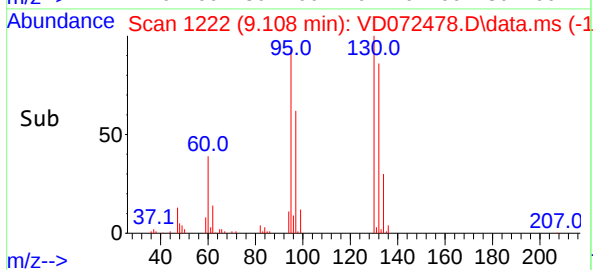
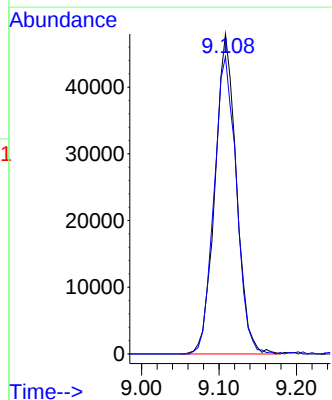
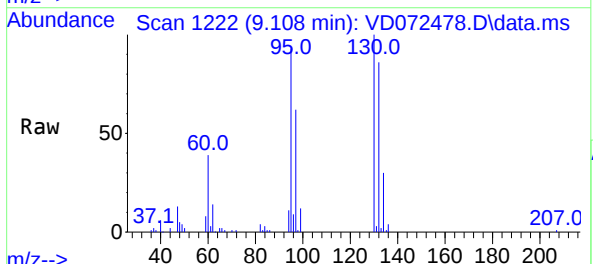
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

Tgt Ion: 43 Resp: 99744  
Ion Ratio Lower Upper  
43 100  
61 33.2 22.4 33.6  
87 14.1 8.7 13.1#



#44  
Trichloroethene  
Concen: 20.398 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion:130 Resp: 92193  
Ion Ratio Lower Upper  
130 100  
95 92.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 21.379 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

Instrument :

MSVOA\_D

ClientSampleId :

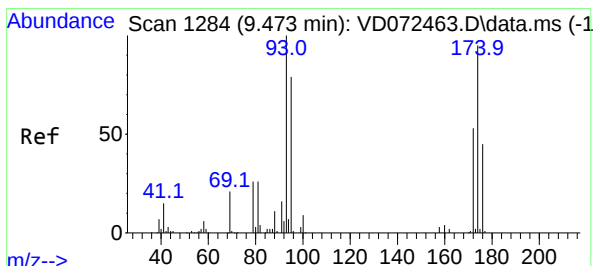
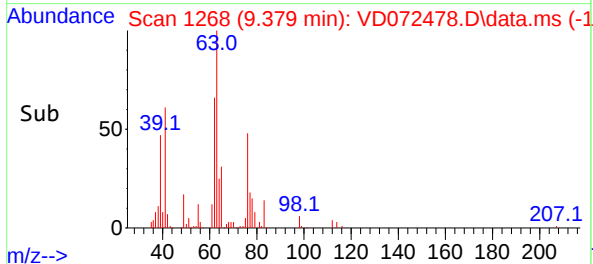
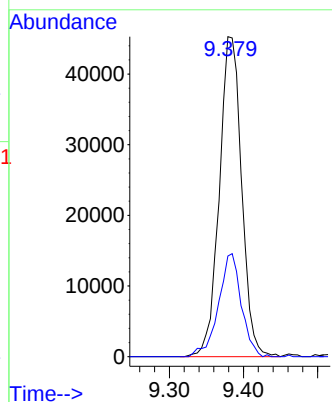
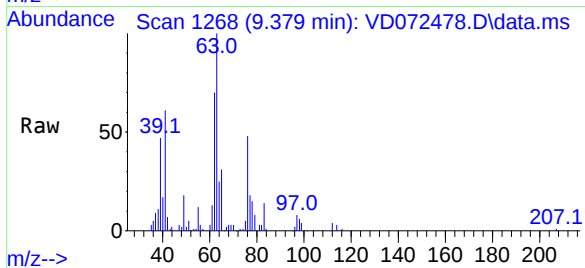
VD0330SBS02

Tgt Ion: 63 Resp: 94681

Ion Ratio Lower Upper

63 100

65 31.5 26.2 39.4



#46

Dibromomethane

Concen: 21.662 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

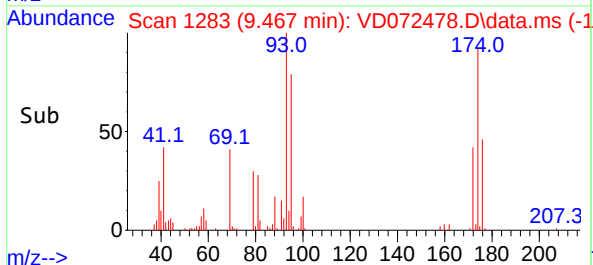
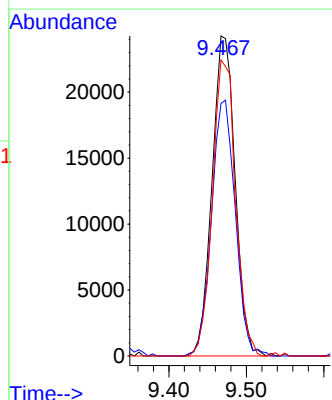
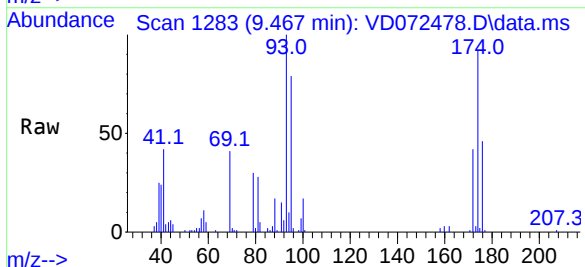
Tgt Ion: 93 Resp: 50330

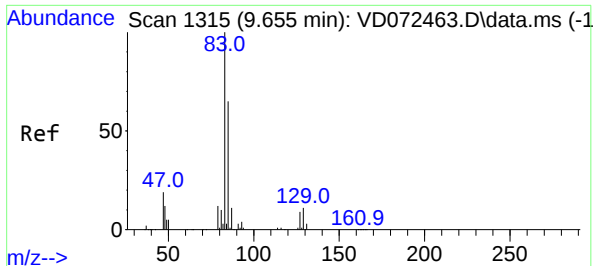
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

174 92.3 71.6 107.4

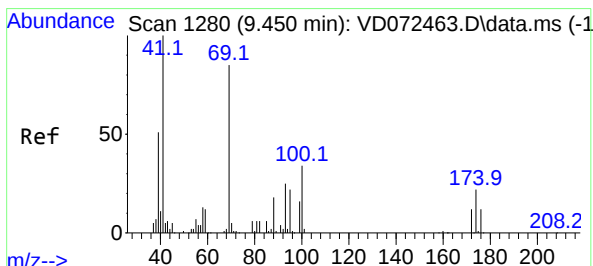
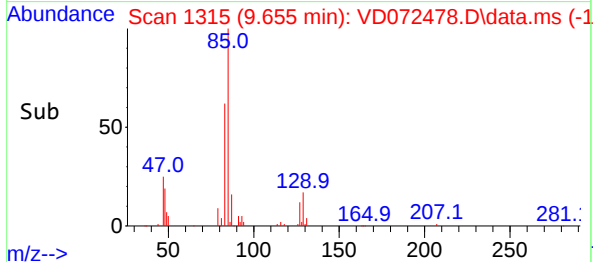
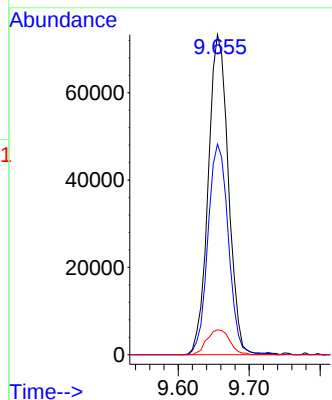
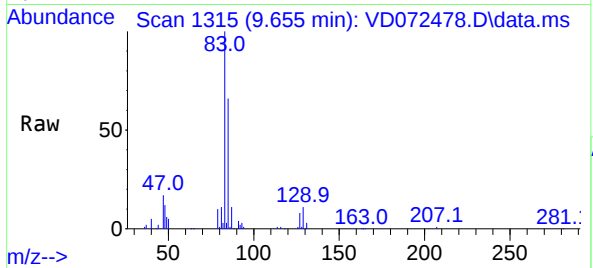




#47  
Bromodichloromethane  
Concen: 21.659 ug/l  
RT: 9.655 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

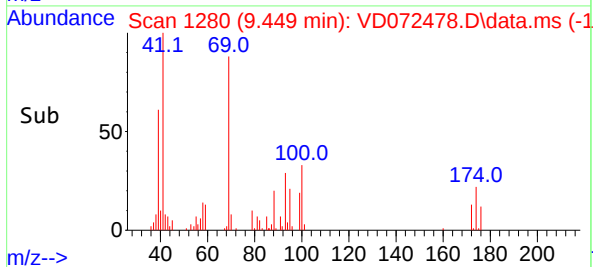
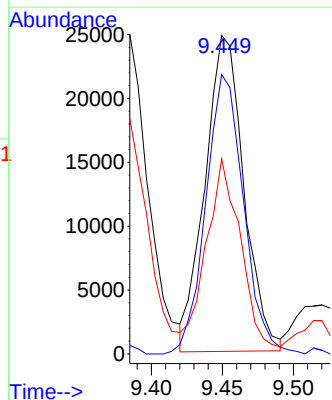
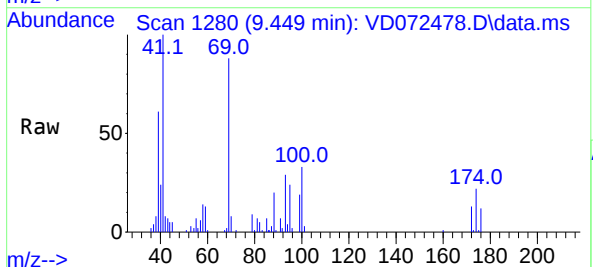
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

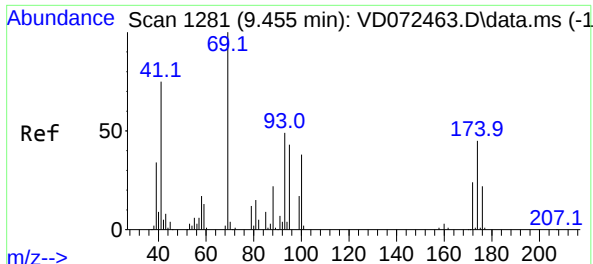
Tgt Ion: 83 Resp: 144572  
Ion Ratio Lower Upper  
83 100  
85 65.8 51.4 77.0  
127 7.8 6.1 9.1



#48  
Methyl methacrylate  
Concen: 20.919 ug/l  
RT: 9.449 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 41 Resp: 47055  
Ion Ratio Lower Upper  
41 100  
69 86.1 56.7 85.1#  
39 55.9 42.7 64.1

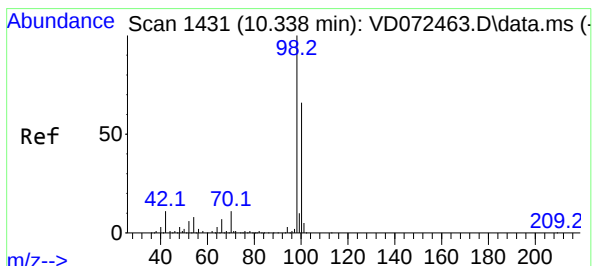
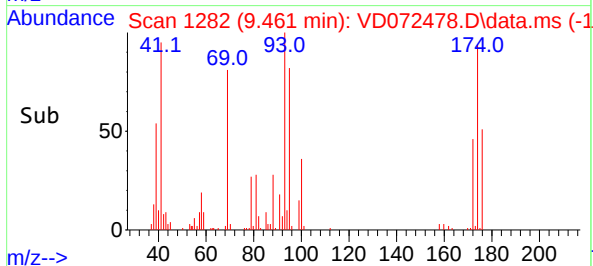
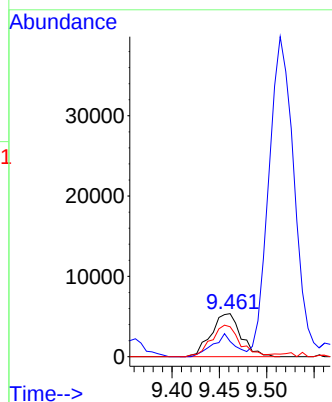
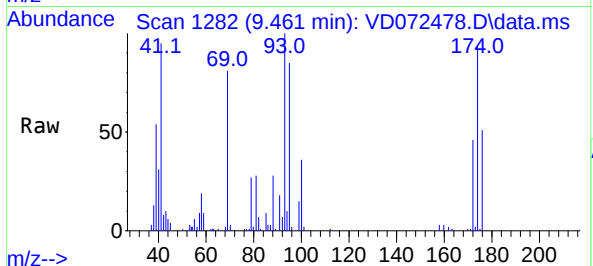




#49  
1,4-Dioxane  
Concen: 424.657 ug/l  
RT: 9.461 min Scan# 11737  
Delta R.T. 0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

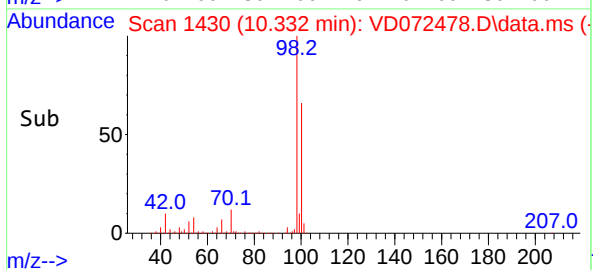
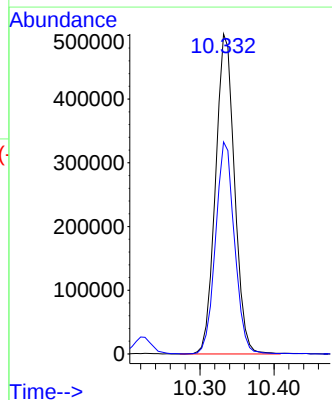
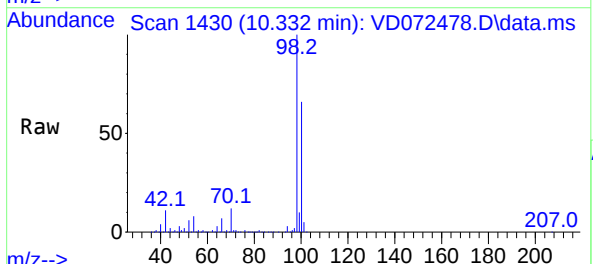
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

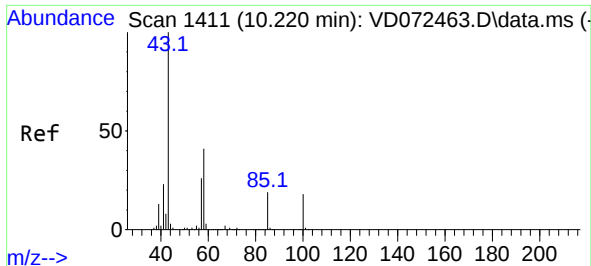
Tgt Ion: 88 Resp: 11737  
Ion Ratio Lower Upper  
88 100  
43 39.0 31.0 46.4  
58 70.4 58.1 87.1



#50  
Toluene-d8  
Concen: 56.410 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 98 Resp: 893858  
Ion Ratio Lower Upper  
98 100  
100 66.1 52.4 78.6

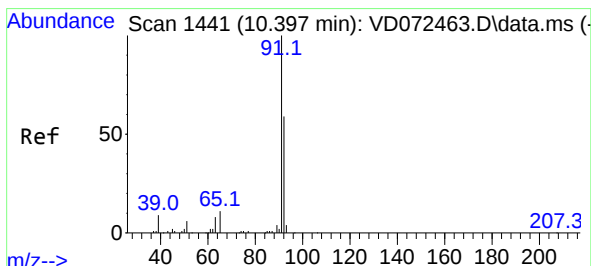
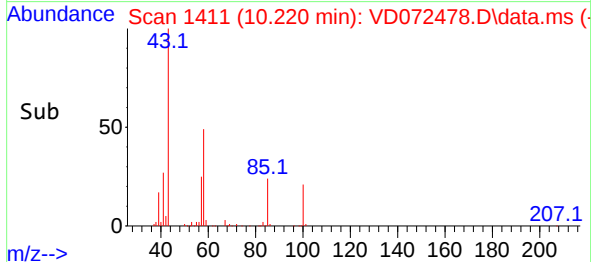
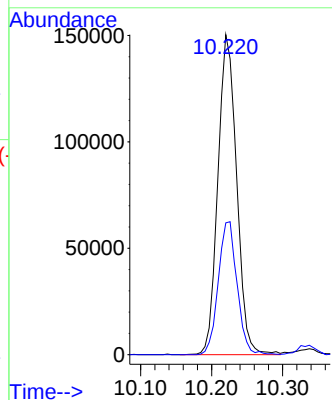
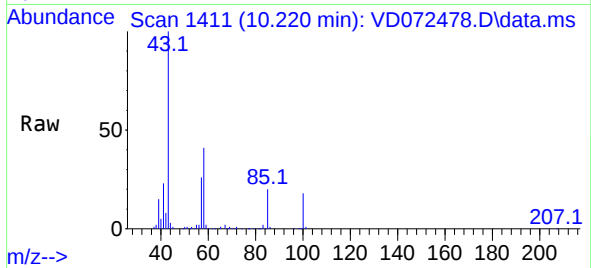




#51  
4-Methyl-2-Pentanone  
Concen: 110.659 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

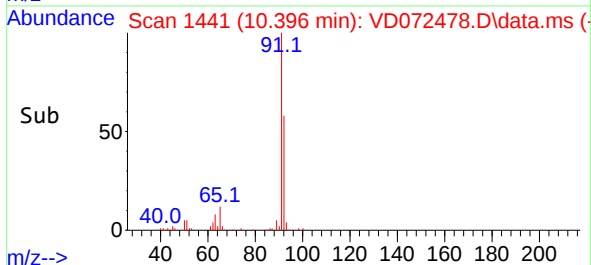
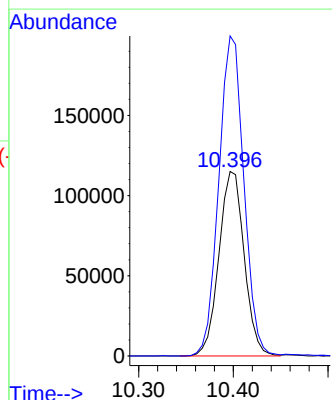
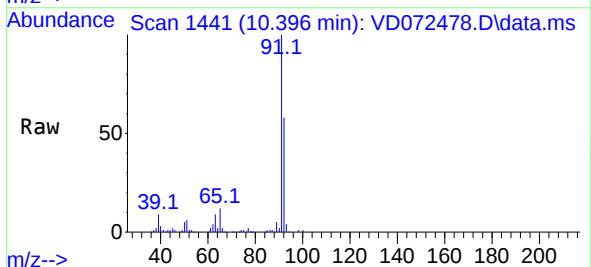
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

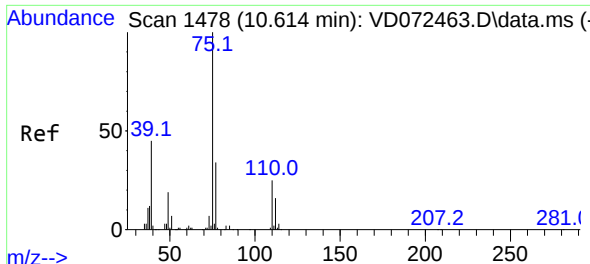
Tgt Ion: 43 Resp: 275109  
Ion Ratio Lower Upper  
43 100  
58 41.6 28.6 43.0



#52  
Toluene  
Concen: 20.181 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 92 Resp: 213437  
Ion Ratio Lower Upper  
92 100  
91 171.8 139.6 209.4

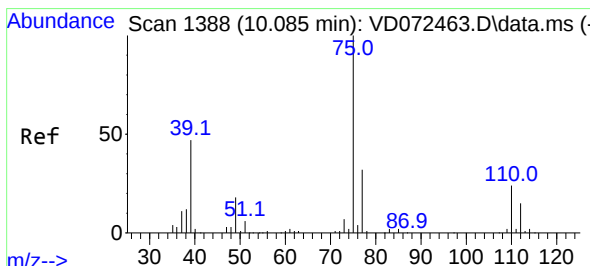
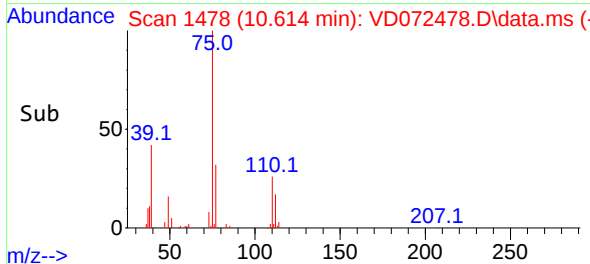
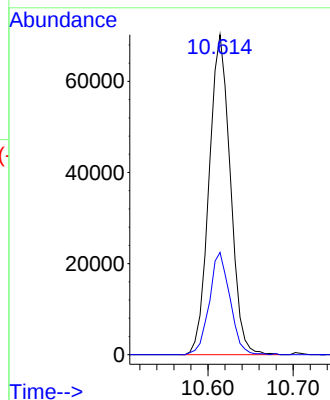
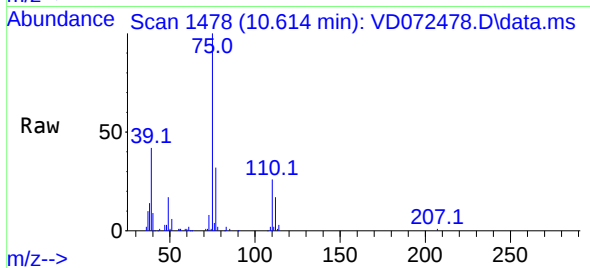




#53  
t-1,3-Dichloropropene  
Concen: 20.919 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

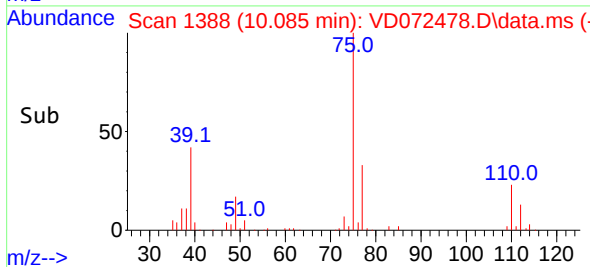
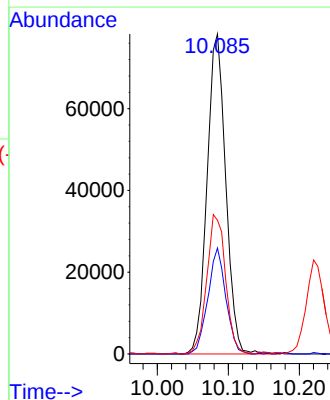
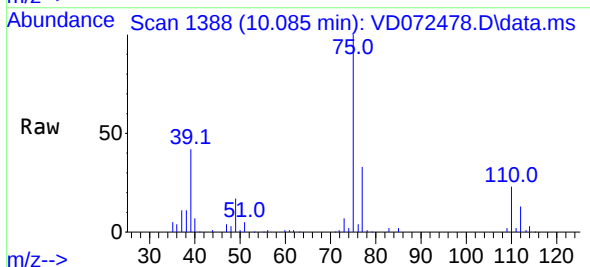
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBSD02

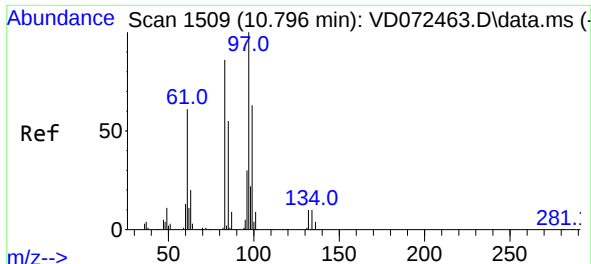
Tgt Ion: 75 Resp: 121680  
Ion Ratio Lower Upper  
75 100  
77 32.0 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 20.805 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 75 Resp: 143081  
Ion Ratio Lower Upper  
75 100  
77 33.1 24.8 37.2  
39 41.8 46.8 70.2#



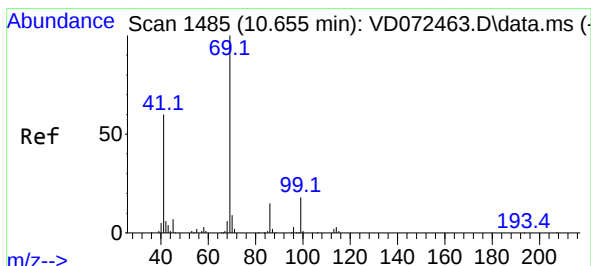
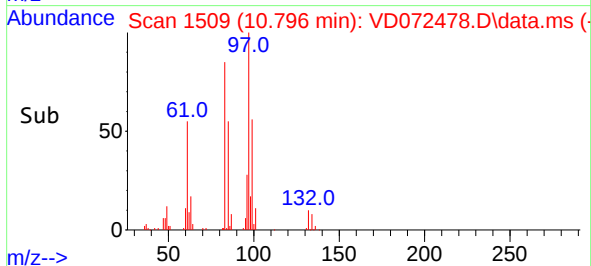
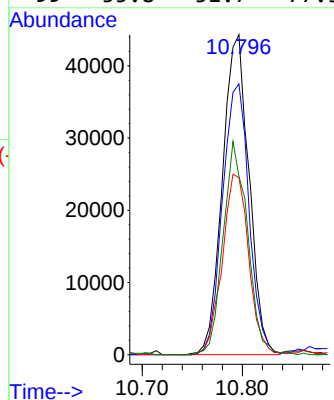
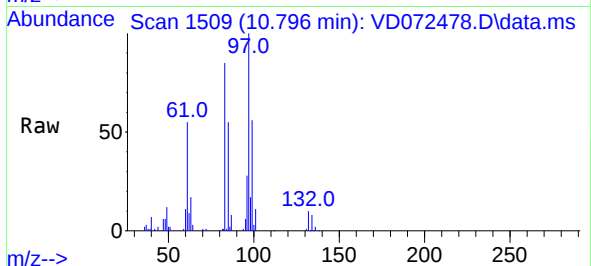


#55  
1,1,2-Trichloroethane  
Concen: 23.167 ug/l  
RT: 10.796 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

Tgt Ion: 97 Resp: 81606

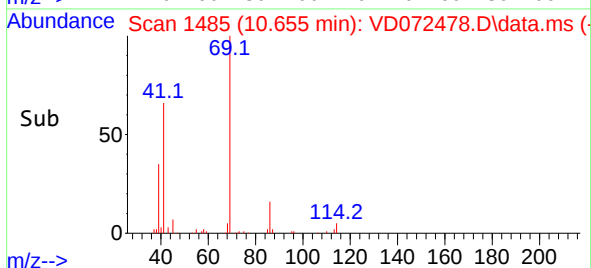
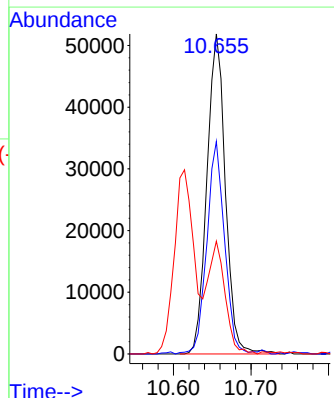
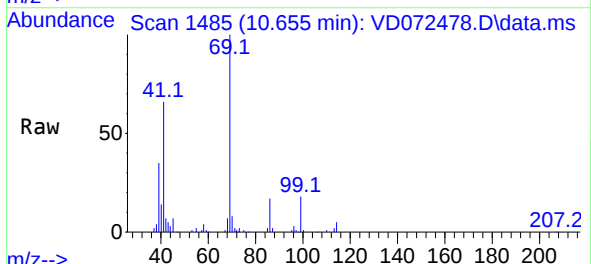
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.6  | 69.0  | 103.4 |
| 85  | 55.3  | 42.6  | 63.8  |
| 99  | 55.8  | 51.7  | 77.5  |

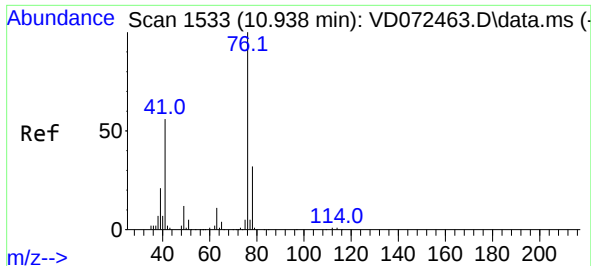


#56  
Ethyl methacrylate  
Concen: 20.555 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 69 Resp: 85915

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 63.5  | 63.0  | 94.6  |
| 39  | 31.8  | 33.8  | 50.8  |





#57

1,3-Dichloropropane

Concen: 22.001 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

Instrument :

MSVOA\_D

ClientSampleId :

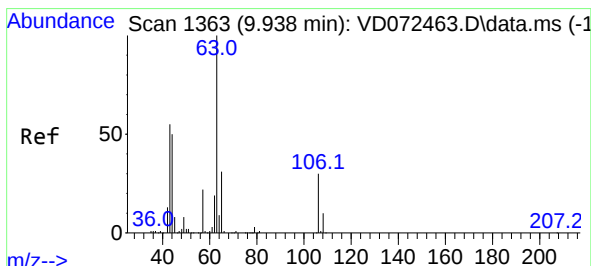
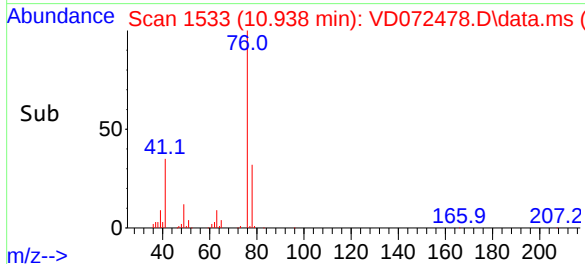
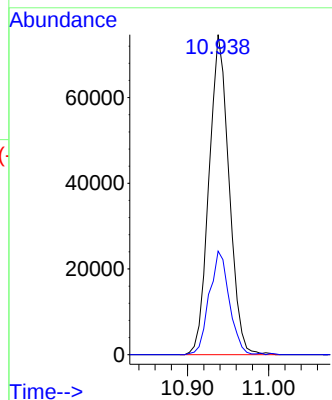
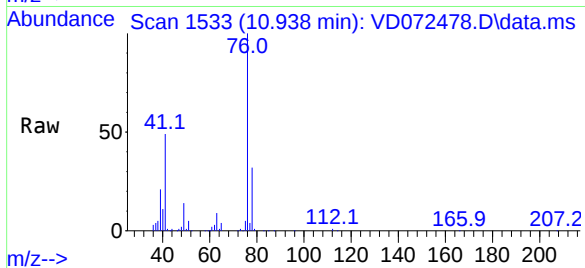
VD0330SBS02

Tgt Ion: 76 Resp: 128118

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 94.658 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD072478.D

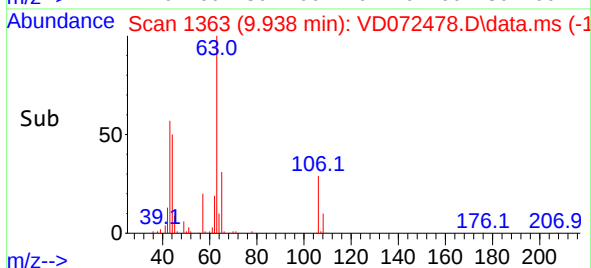
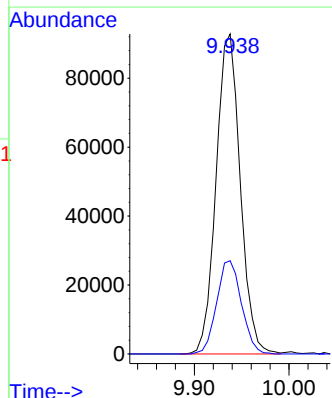
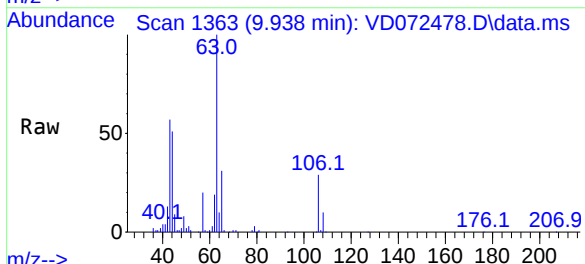
Acq: 30 Mar 2022 14:48

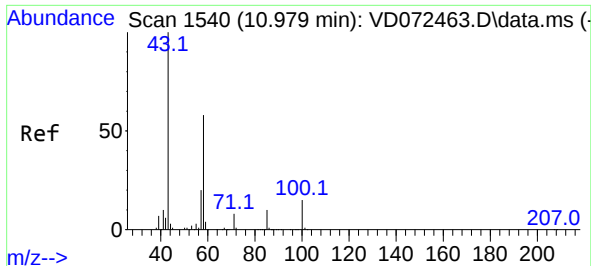
Tgt Ion: 63 Resp: 164615

Ion Ratio Lower Upper

63 100

106 29.8 21.4 32.0

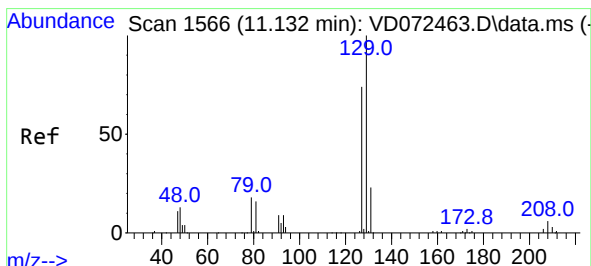
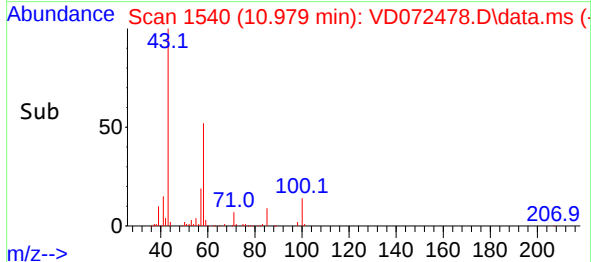
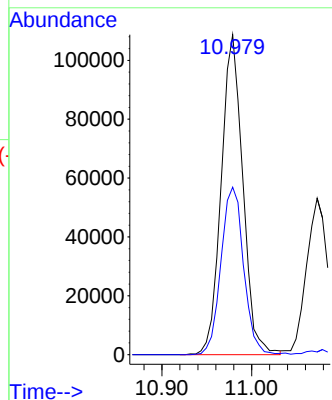
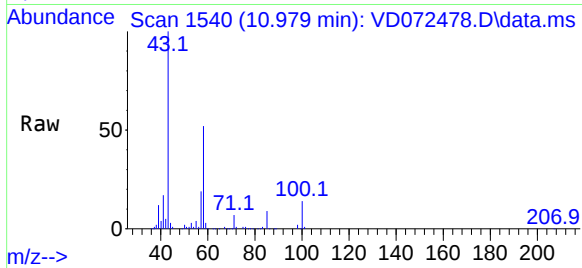




#59  
2-Hexanone  
Concen: 107.514 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

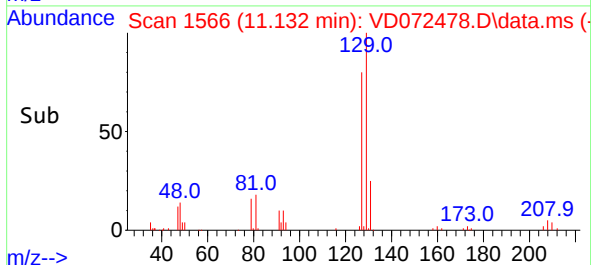
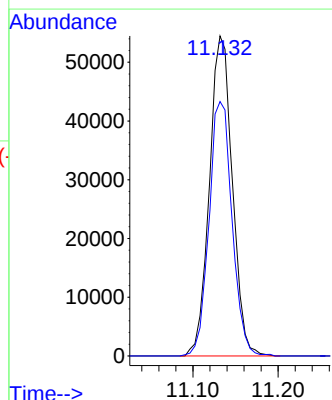
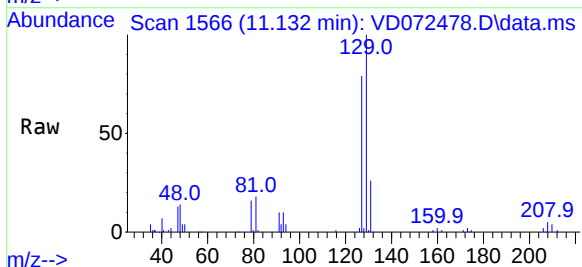
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

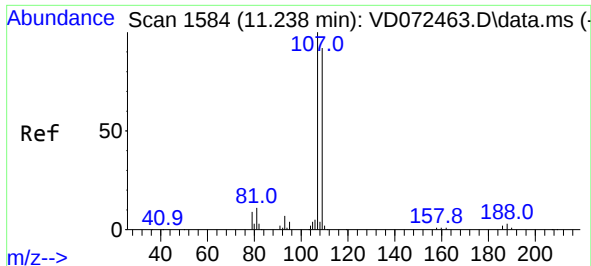
Tgt Ion: 43 Resp: 181762  
Ion Ratio Lower Upper  
43 100  
58 55.0 25.3 75.9



#60  
Dibromochloromethane  
Concen: 22.385 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion:129 Resp: 101714  
Ion Ratio Lower Upper  
129 100  
127 80.0 39.2 117.6

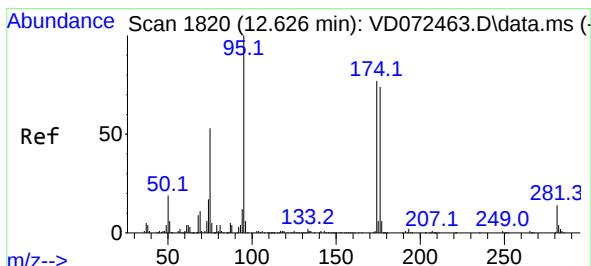
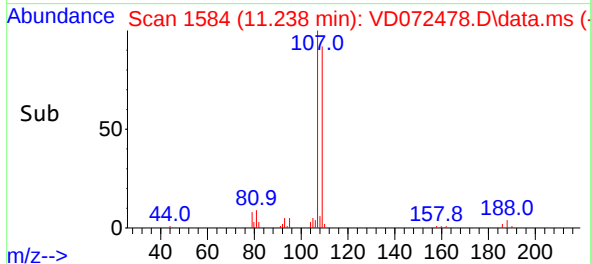
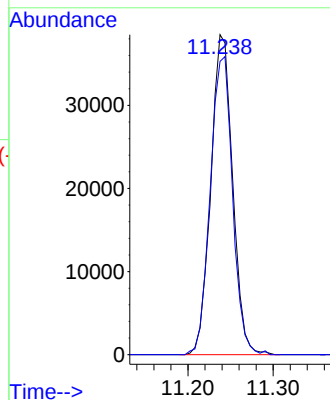
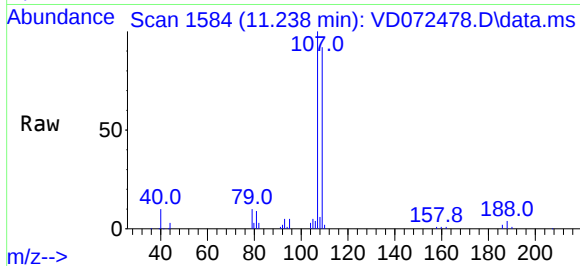




#61  
1,2-Dibromoethane  
Concen: 21.903 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

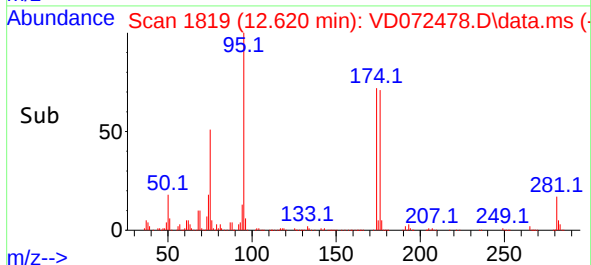
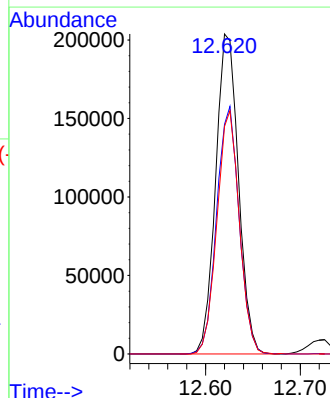
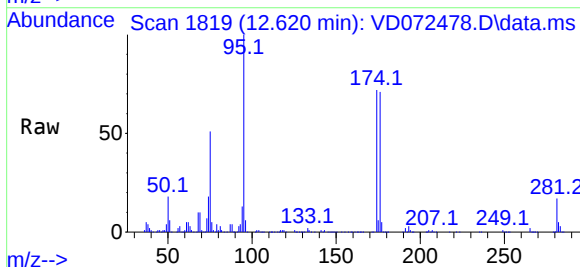
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

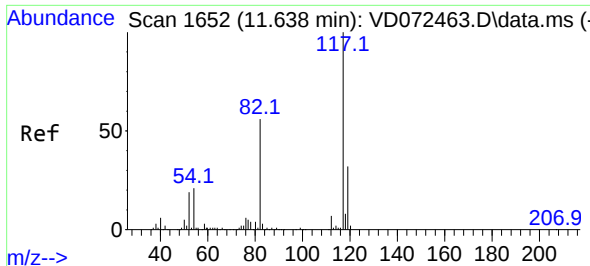
Tgt Ion:107 Resp: 68501  
Ion Ratio Lower Upper  
107 100  
109 95.4 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 55.194 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

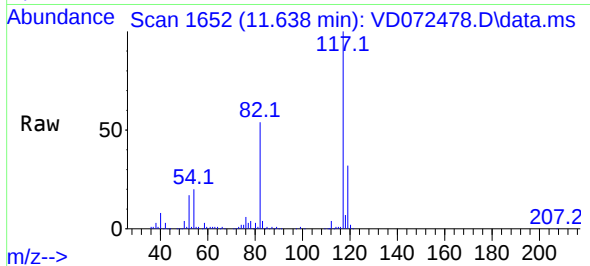
Tgt Ion: 95 Resp: 341566  
Ion Ratio Lower Upper  
95 100  
174 76.3 0.0 152.8  
176 74.3 0.0 145.4



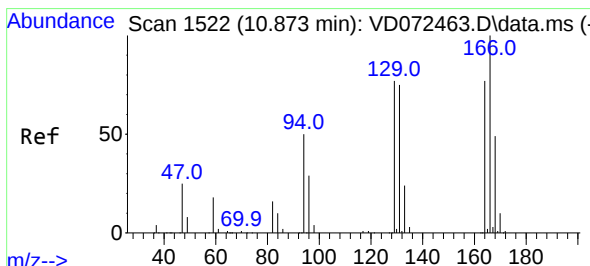
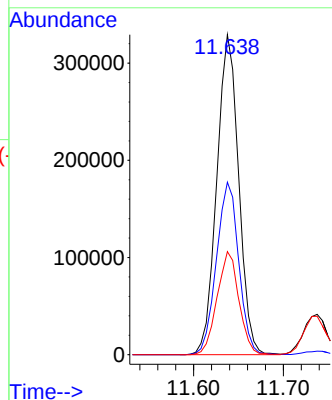
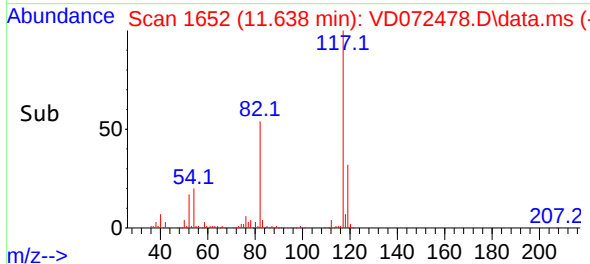


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

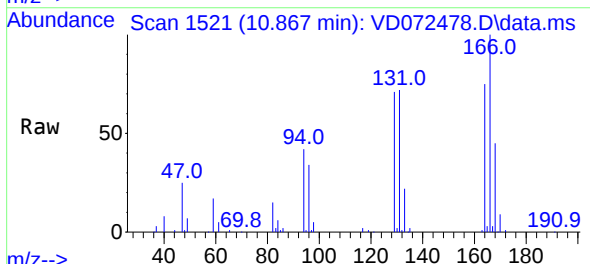
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02



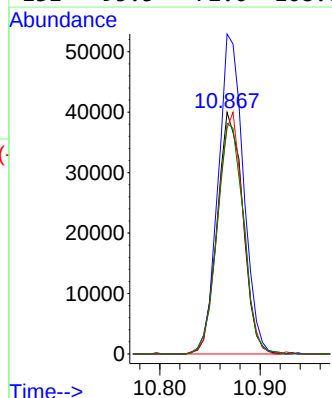
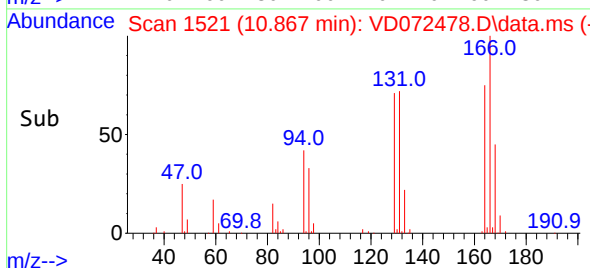
Tgt Ion:117 Resp: 558146  
Ion Ratio Lower Upper  
117 100  
82 53.9 45.3 67.9  
119 32.2 26.6 40.0

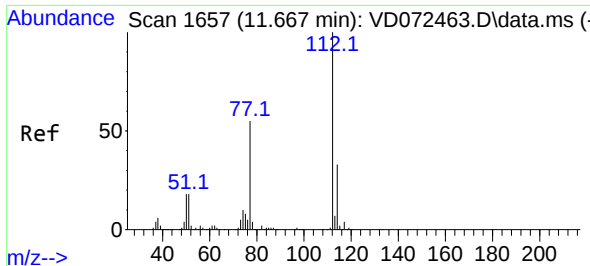


#64  
Tetrachloroethene  
Concen: 19.502 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48



Tgt Ion:164 Resp: 71118  
Ion Ratio Lower Upper  
164 100  
166 132.5 98.5 147.7  
129 93.5 74.6 111.8  
131 95.5 72.0 108.0

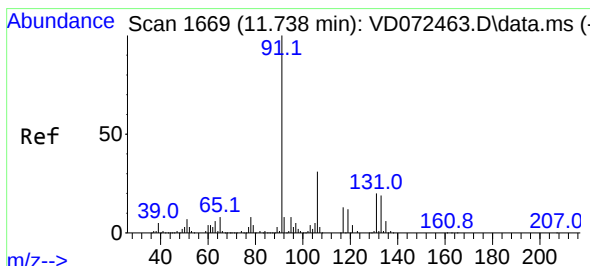
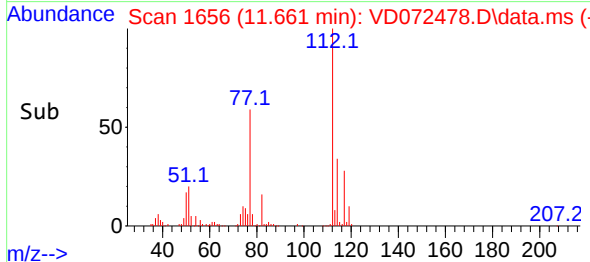
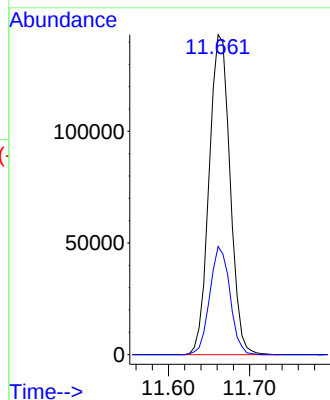
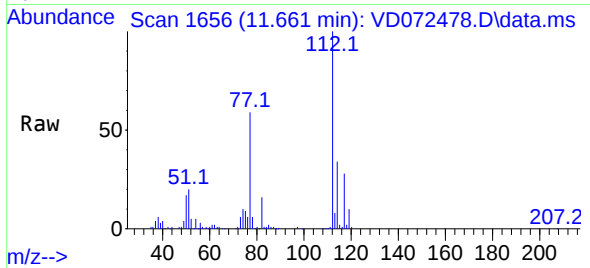




#65  
Chlorobenzene  
Concen: 20.564 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

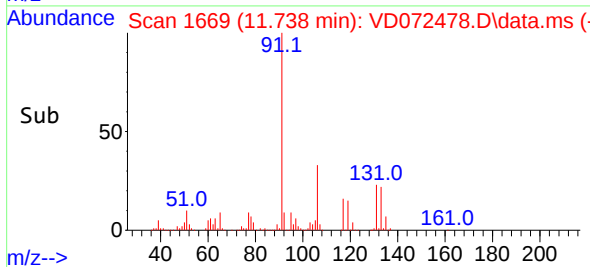
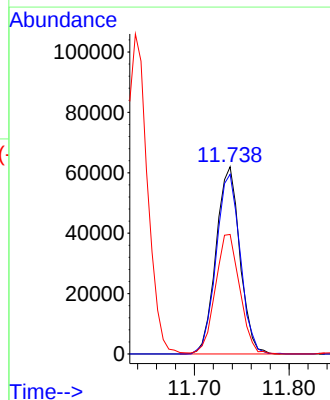
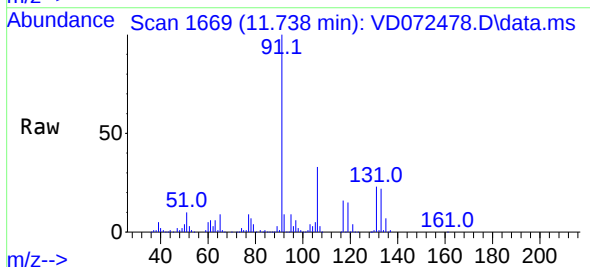
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

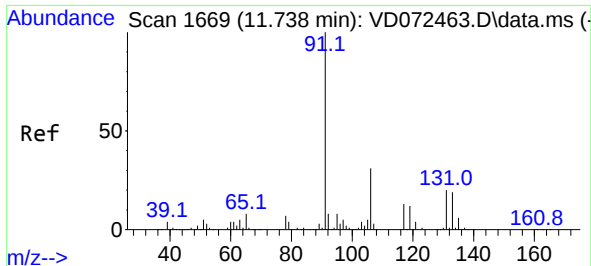
Tgt Ion:112 Resp: 256615  
Ion Ratio Lower Upper  
112 100  
114 33.8 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.723 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion:131 Resp: 108376  
Ion Ratio Lower Upper  
131 100  
133 96.7 48.1 144.3  
119 65.4 31.9 95.9

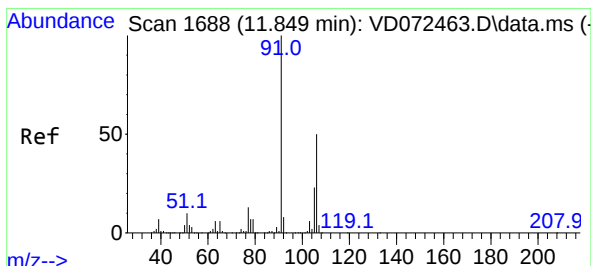
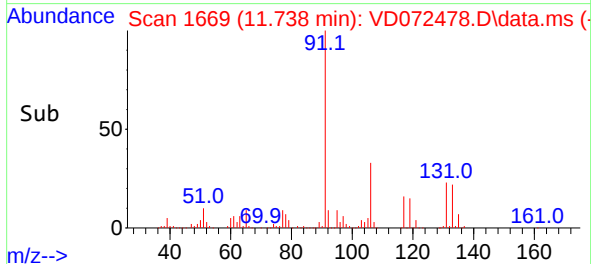
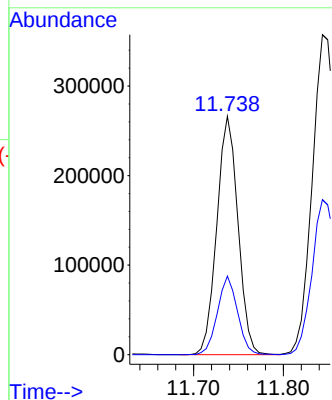
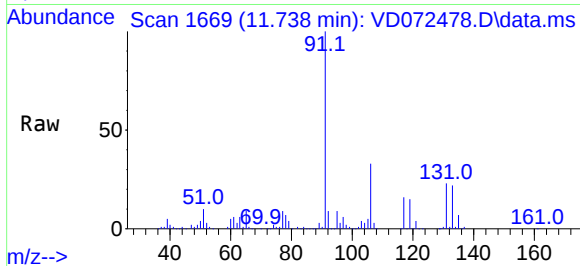




#67  
Ethyl Benzene  
Concen: 20.013 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

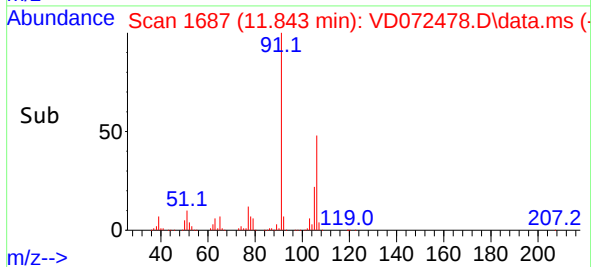
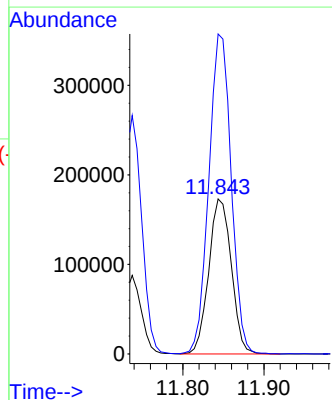
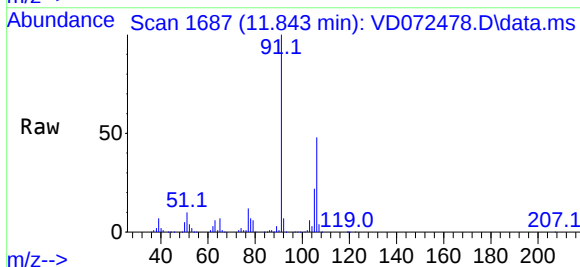
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

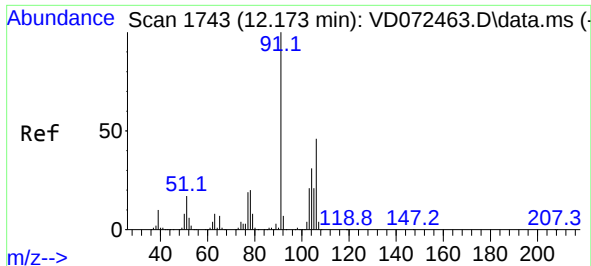
Tgt Ion: 91 Resp: 435755  
Ion Ratio Lower Upper  
91 100  
106 32.9 24.2 36.4



#68  
m/p-Xylenes  
Concen: 40.529 ug/l  
RT: 11.843 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 106 Resp: 334797  
Ion Ratio Lower Upper  
106 100  
91 204.4 163.7 245.5

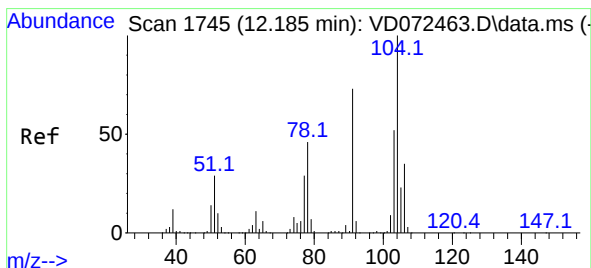
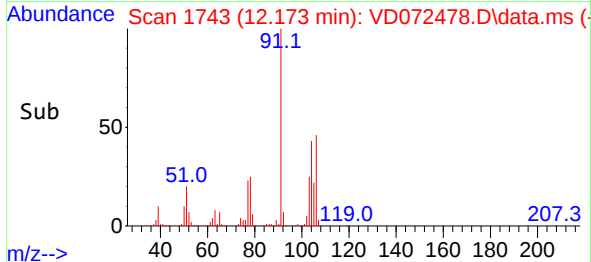
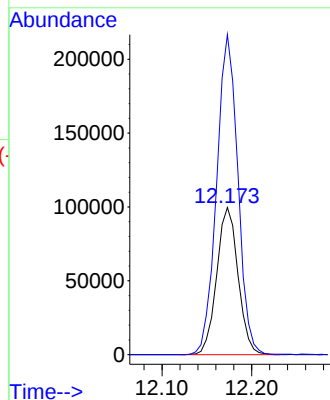
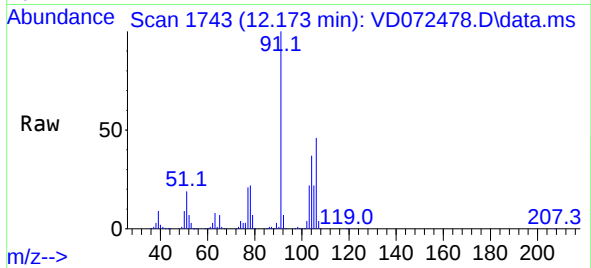




#69  
o-Xylene  
Concen: 20.652 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

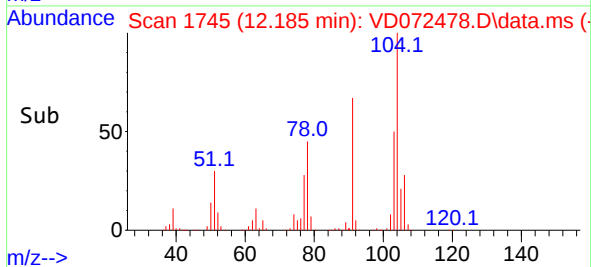
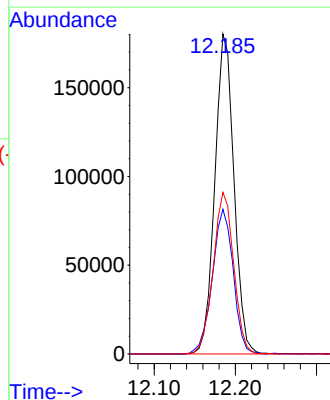
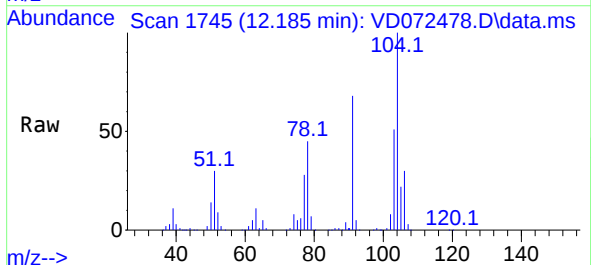
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

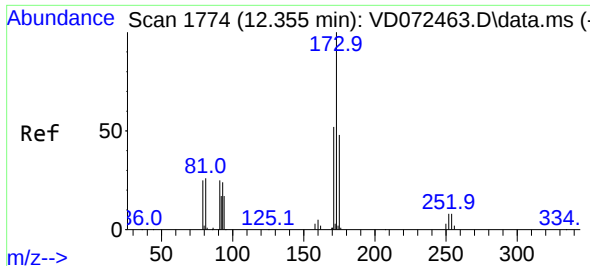
Tgt Ion:106 Resp: 164598  
Ion Ratio Lower Upper  
106 100  
91 216.7 110.4 331.2



#70  
Styrene  
Concen: 21.034 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion:104 Resp: 295464  
Ion Ratio Lower Upper  
104 100  
78 49.3 41.8 62.8  
103 54.2 44.2 66.4

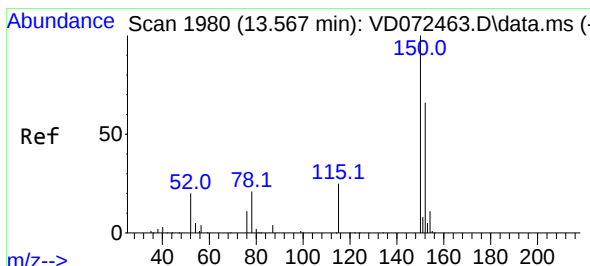
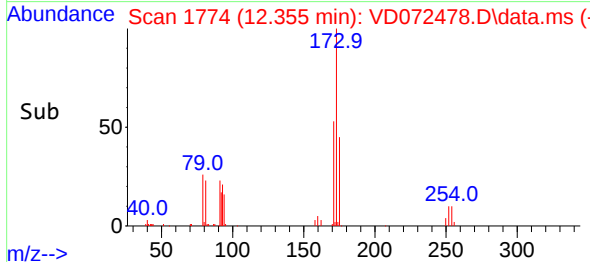
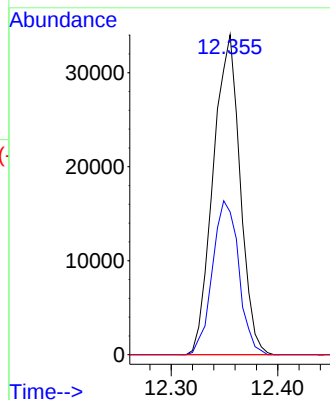
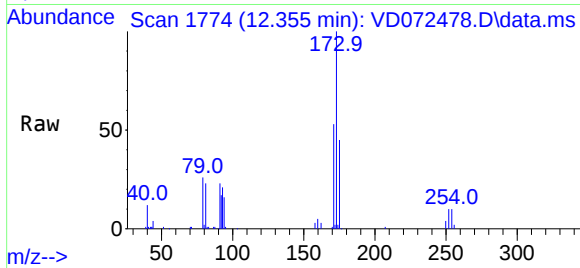




#71  
Bromoform  
Concen: 22.543 ug/l  
RT: 12.355 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

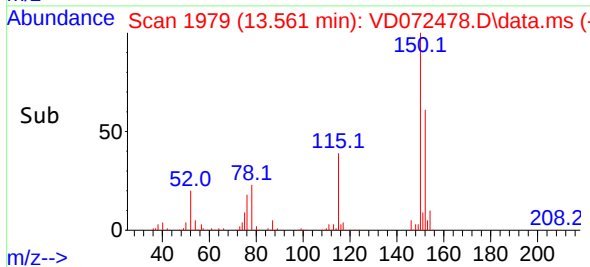
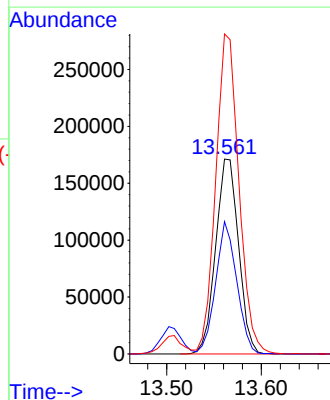
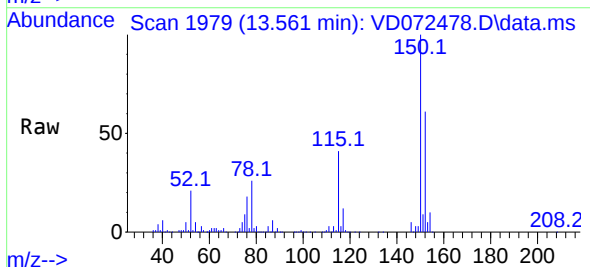
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBSD02

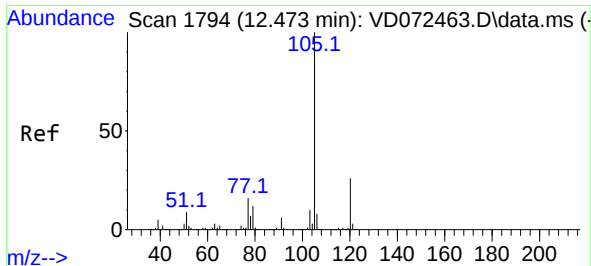
Tgt Ion:173 Resp: 59621  
Ion Ratio Lower Upper  
173 100  
175 47.2 23.9 71.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion:152 Resp: 287722  
Ion Ratio Lower Upper  
152 100  
115 62.7 31.3 93.8  
150 166.3 0.0 348.6

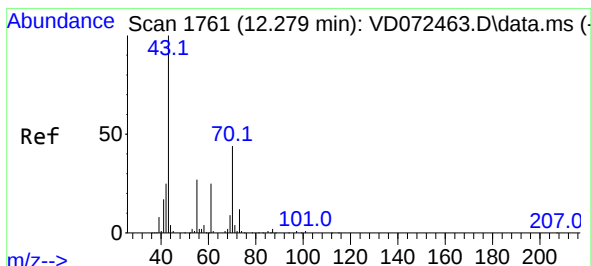
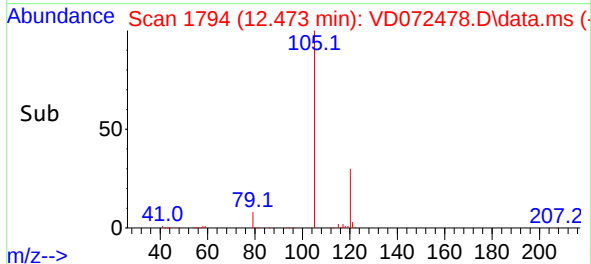
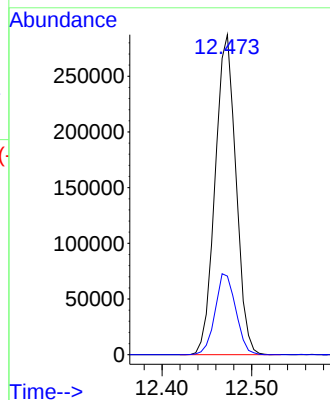
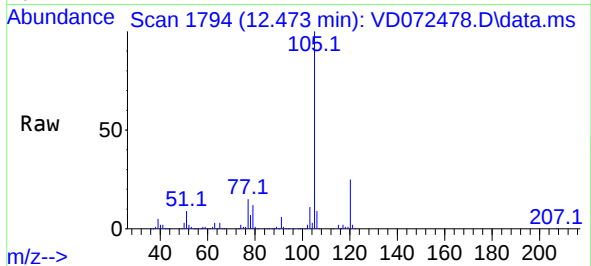




#73  
Isopropylbenzene  
Concen: 19.885 ug/l  
RT: 12.473 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

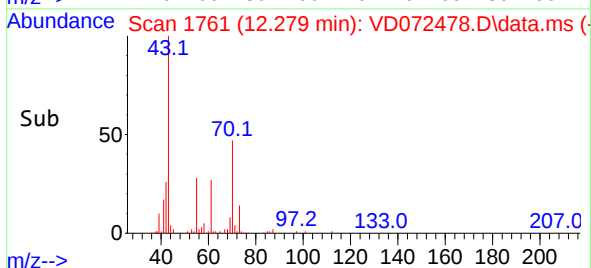
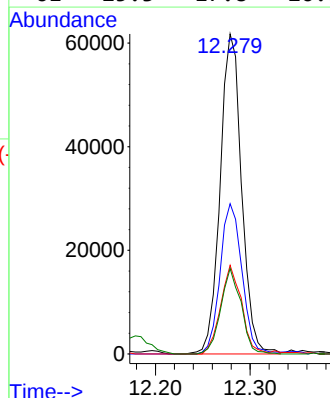
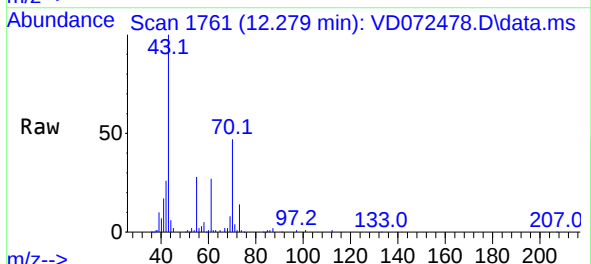
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

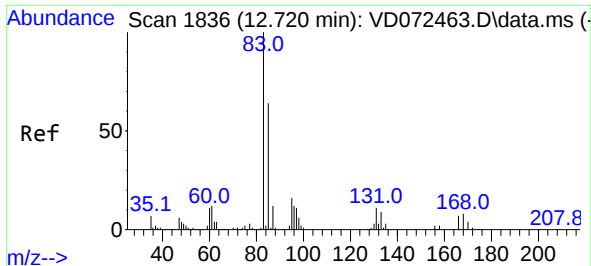
Tgt Ion:105 Resp: 462054  
Ion Ratio Lower Upper  
105 100  
120 25.2 13.0 38.9



#74  
N-ethyl acetate  
Concen: 19.958 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 43 Resp: 97308  
Ion Ratio Lower Upper  
43 100  
70 48.0 31.3 46.9#  
55 27.1 20.0 30.0  
61 25.3 17.8 26.8

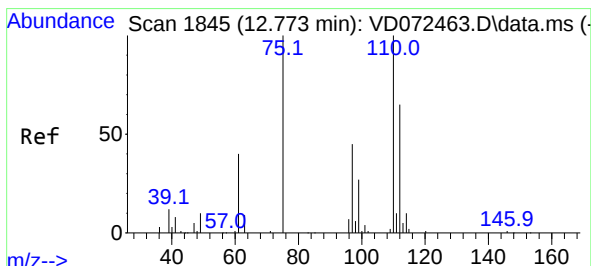
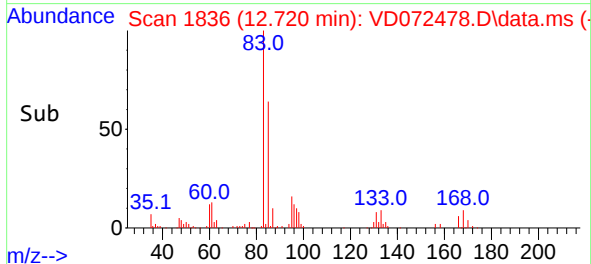
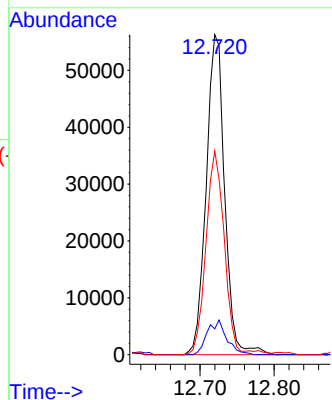
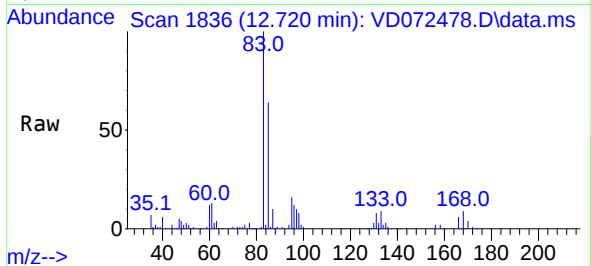




#75  
1,1,2,2-Tetrachloroethane  
Concen: 22.144 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

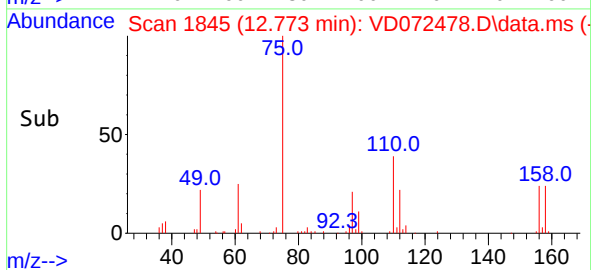
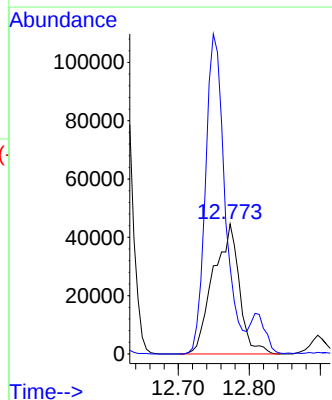
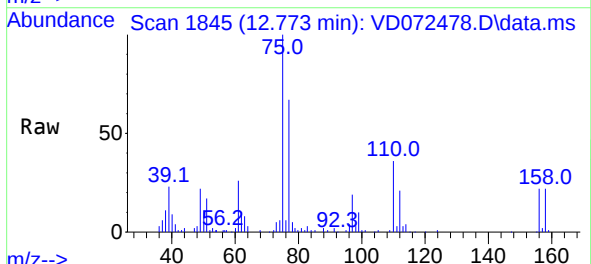
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBSD02

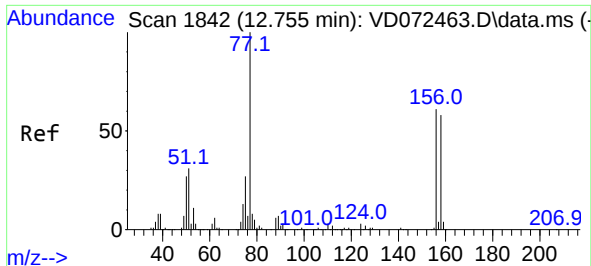
Tgt Ion: 83 Resp: 97464  
Ion Ratio Lower Upper  
83 100  
131 11.3 5.0 14.9  
85 62.6 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 36.199 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 75 Resp: 113595  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

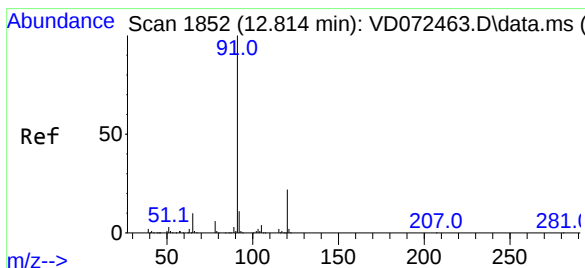
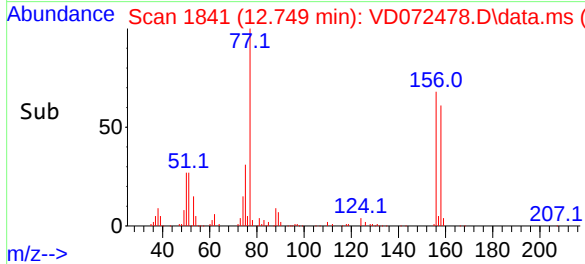
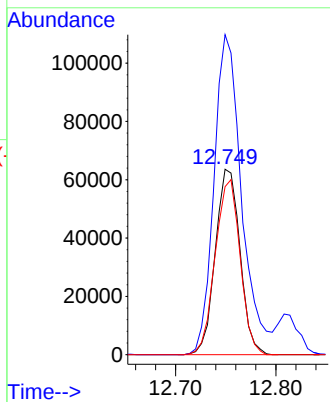
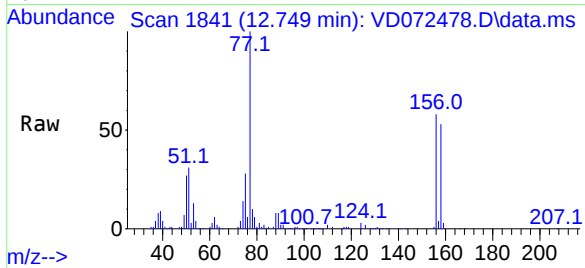




#77  
Bromobenzene  
Concen: 20.883 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

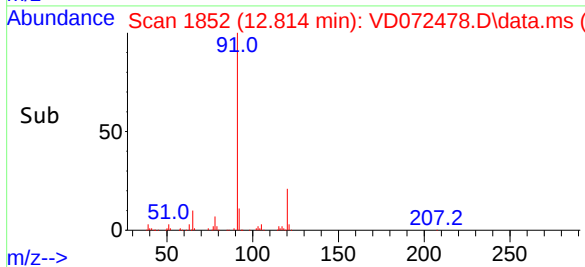
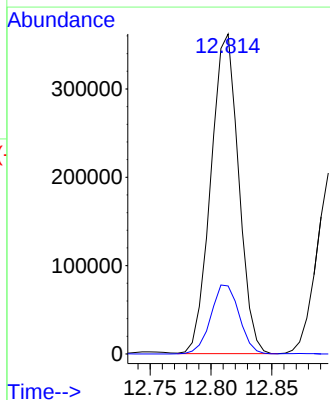
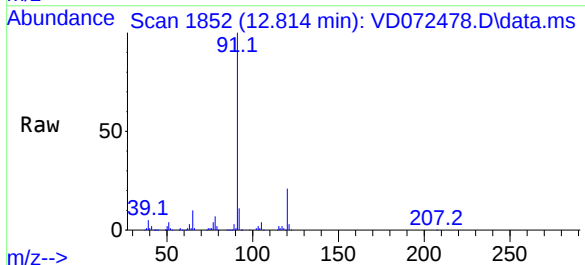
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBSD02

Tgt Ion:156 Resp: 108762  
Ion Ratio Lower Upper  
156 100  
77 193.6 102.8 308.3  
158 95.4 48.7 146.1



#78  
n-propylbenzene  
Concen: 20.482 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 91 Resp: 574152  
Ion Ratio Lower Upper  
91 100  
120 22.1 10.9 32.9

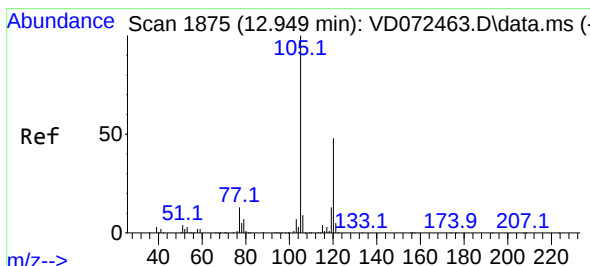
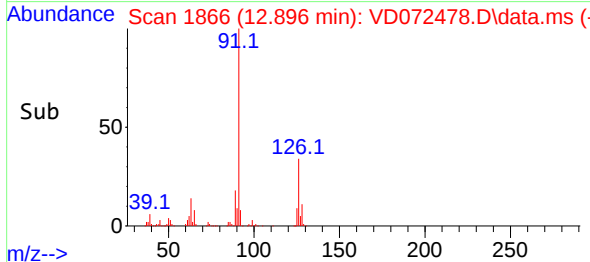
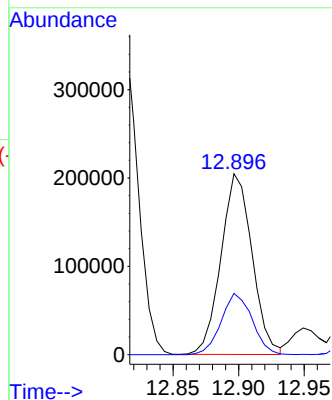
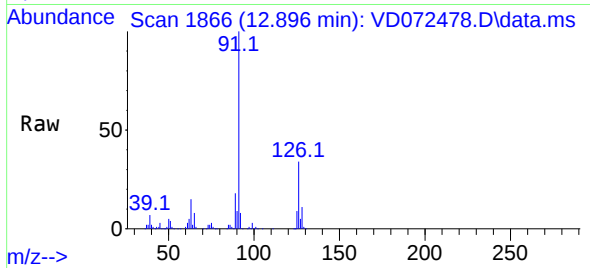




#79  
2-Chlorotoluene  
Concen: 20.640 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

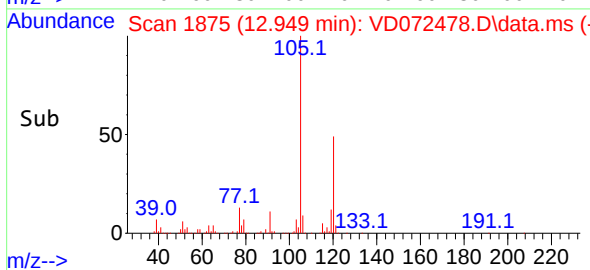
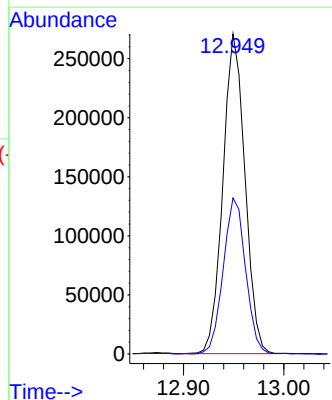
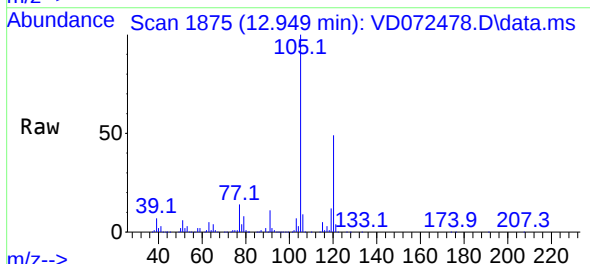
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

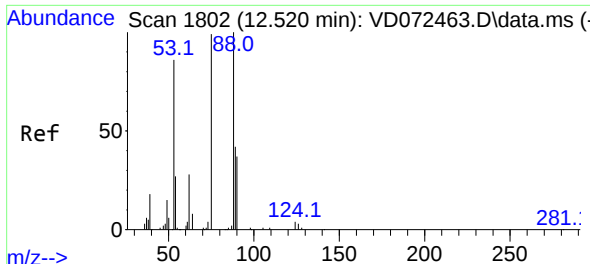
Tgt Ion: 91 Resp: 338370  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 20.732 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 105 Resp: 412581  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.3 72.8

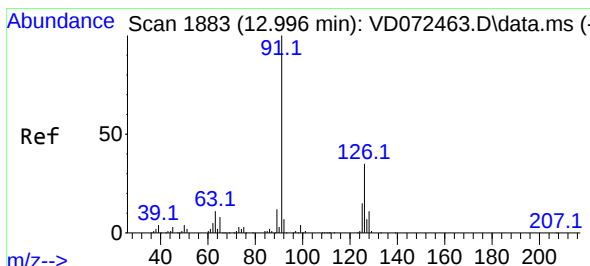
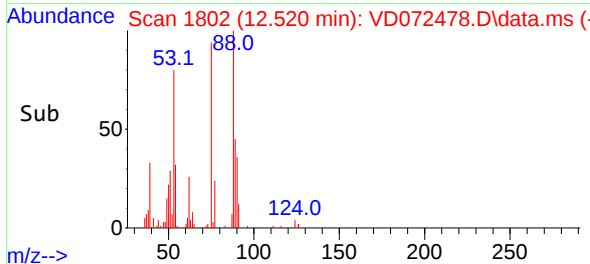
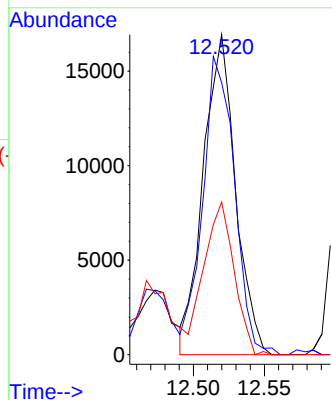
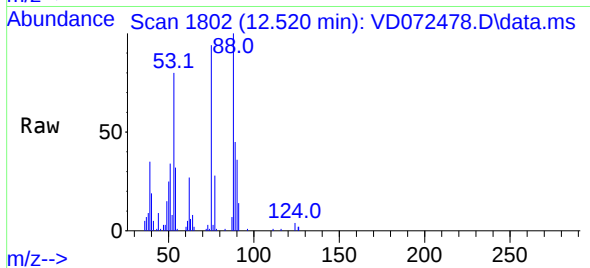




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.883 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

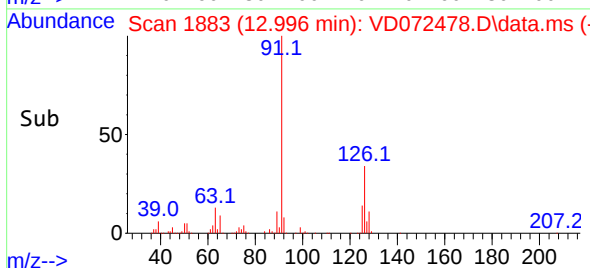
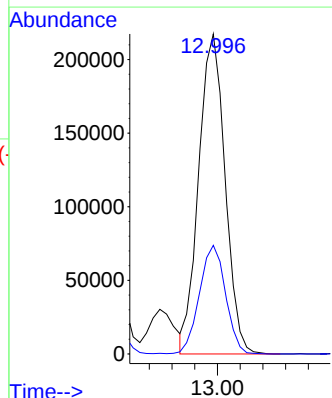
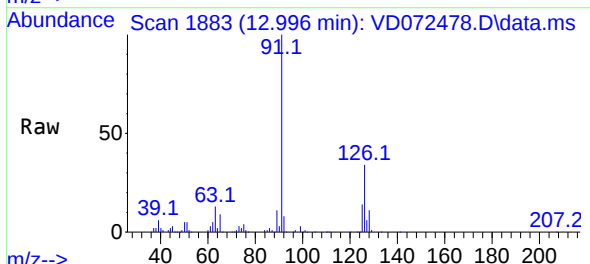
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBSD02

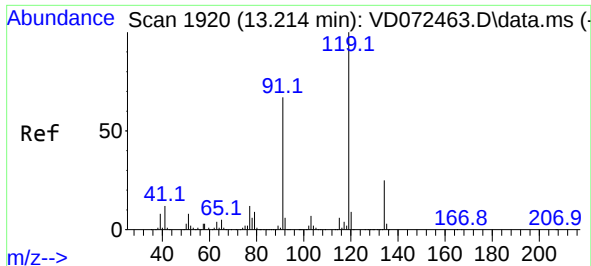
Tgt Ion: 75 Resp: 26706  
Ion Ratio Lower Upper  
75 100  
53 91.8 86.5 129.7  
89 44.1 33.9 50.9



#82  
4-Chlorotoluene  
Concen: 20.521 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 91 Resp: 350375  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.5 49.5

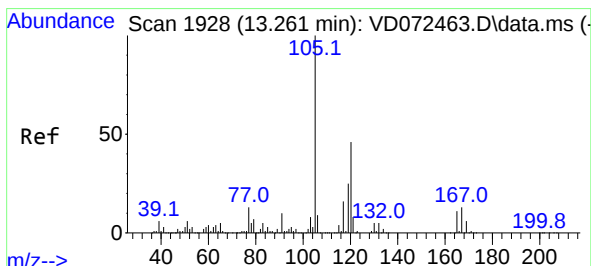
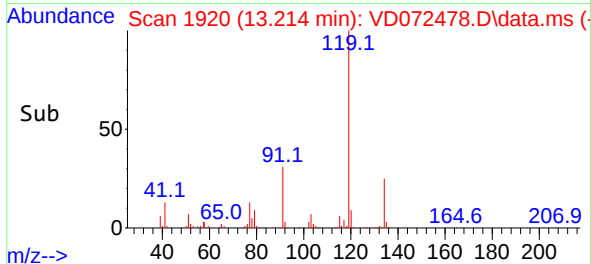
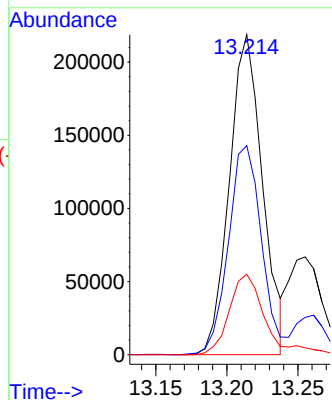
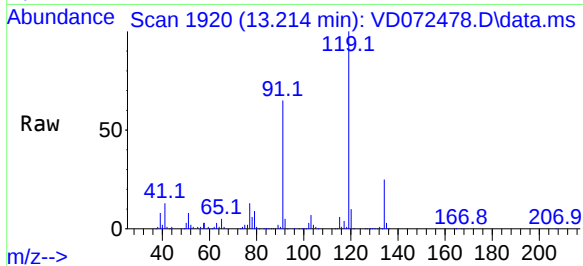




#83  
tert-Butylbenzene  
Concen: 20.631 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

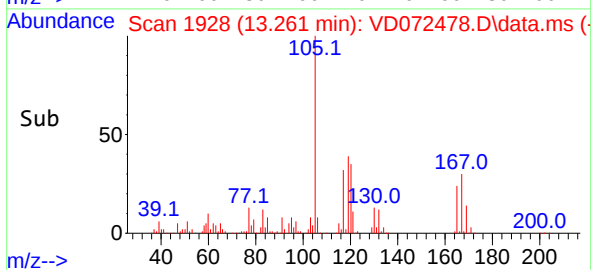
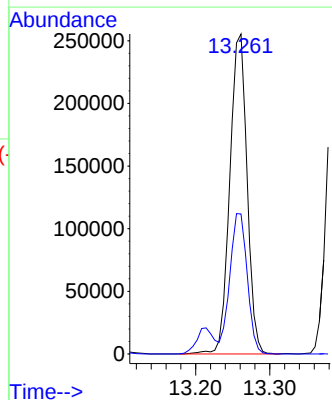
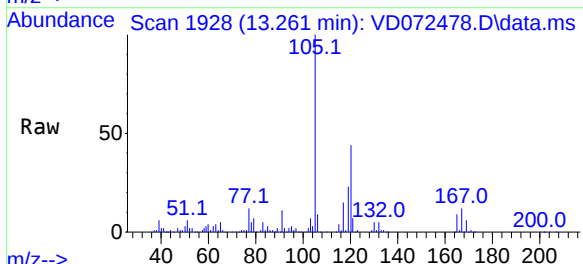
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

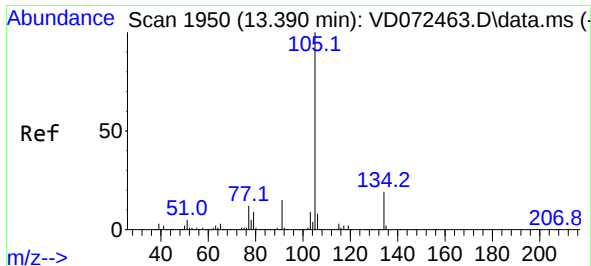
Tgt Ion:119 Resp: 355441  
Ion Ratio Lower Upper  
119 100  
91 66.0 34.8 104.5  
134 27.1 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 21.207 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion:105 Resp: 412706  
Ion Ratio Lower Upper  
105 100  
120 44.1 22.3 66.8

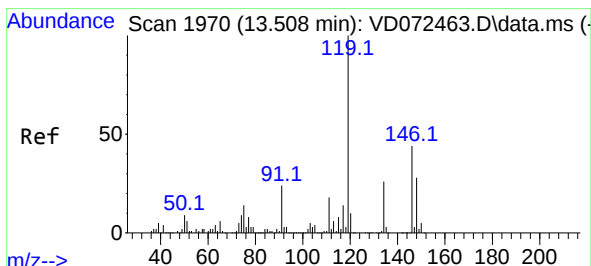
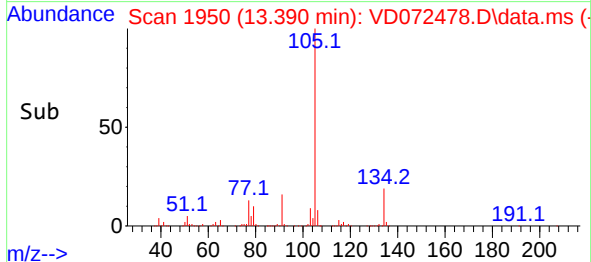
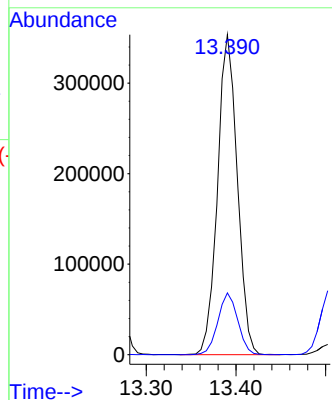
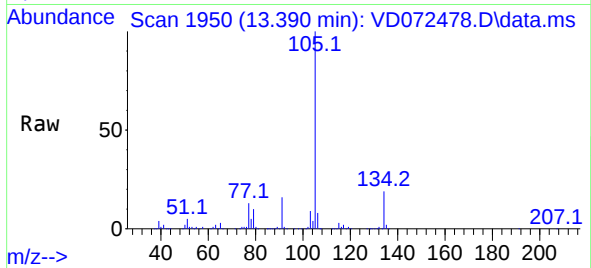




#85  
 sec-Butylbenzene  
 Concen: 20.819 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD072478.D  
 Acq: 30 Mar 2022 14:48

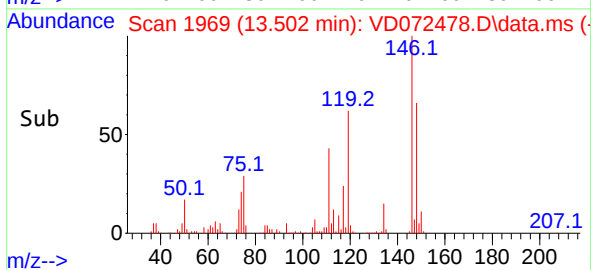
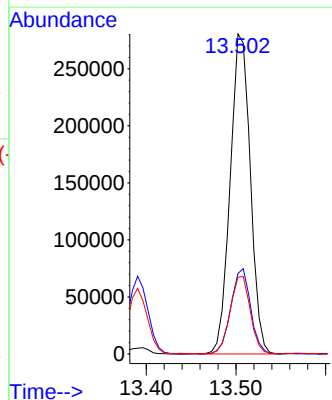
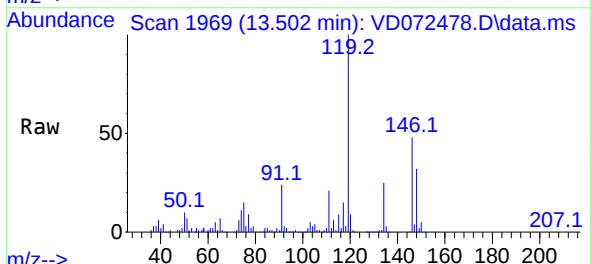
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0330SBSD02

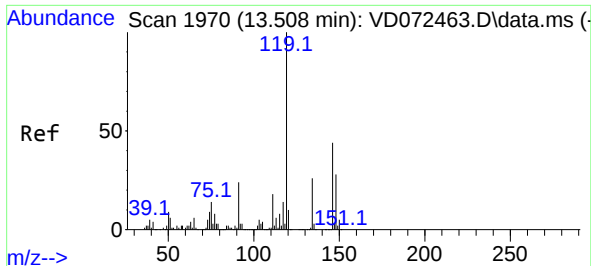
Tgt Ion:105 Resp: 540287  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 20.595 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD072478.D  
 Acq: 30 Mar 2022 14:48

Tgt Ion:119 Resp: 436864  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 12.9 38.6  
 91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.444 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. -0.000 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

Instrument :

MSVOA\_D

ClientSampleId :

VD0330SBS02

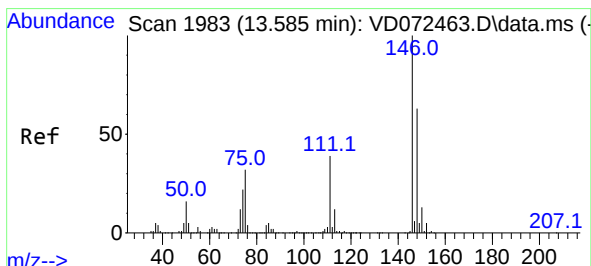
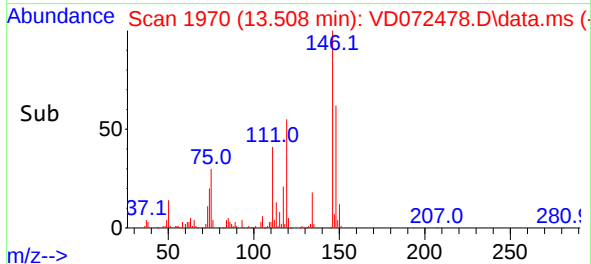
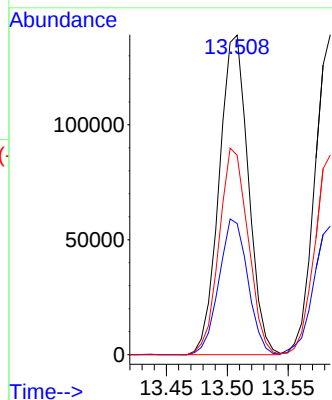
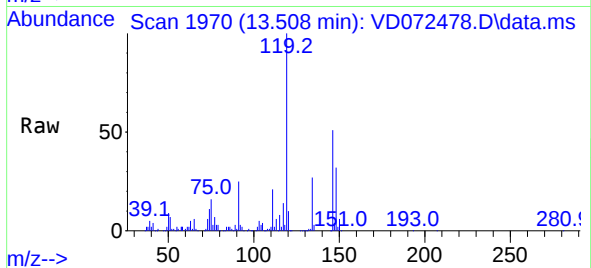
Tgt Ion:146 Resp: 231427

Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.3

148 64.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 21.009 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

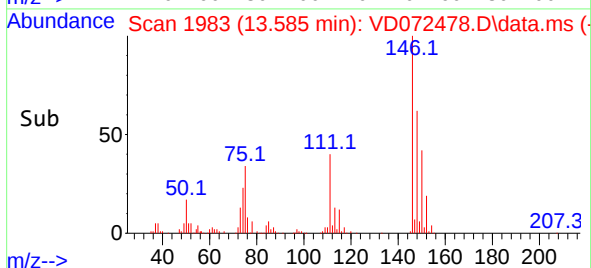
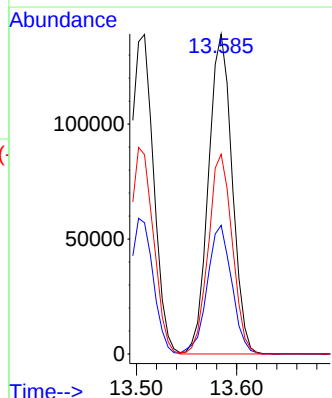
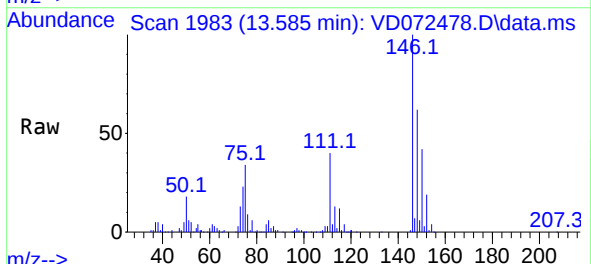
Tgt Ion:146 Resp: 228520

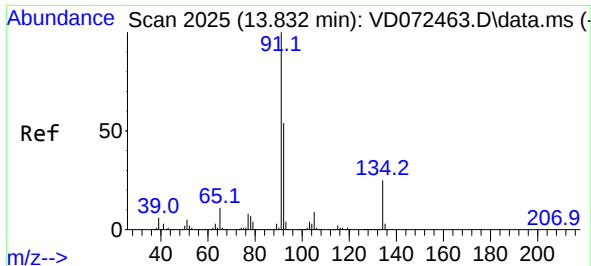
Ion Ratio Lower Upper

146 100

111 41.6 20.3 60.9

148 63.1 31.7 95.1

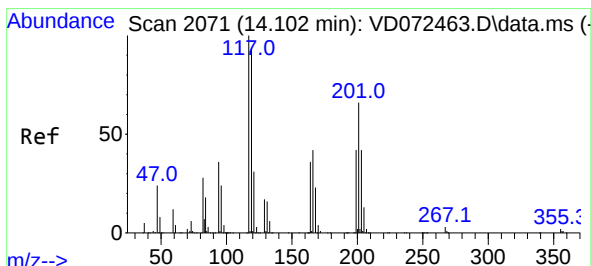
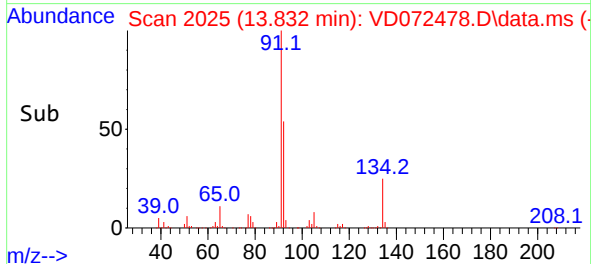
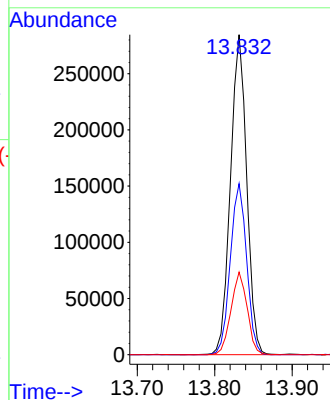
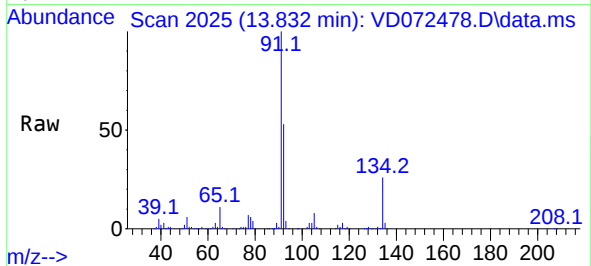




#89  
n-Butylbenzene  
Concen: 20.554 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

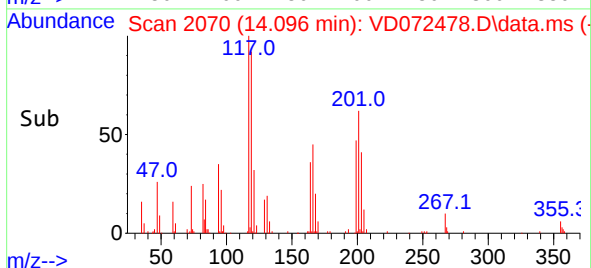
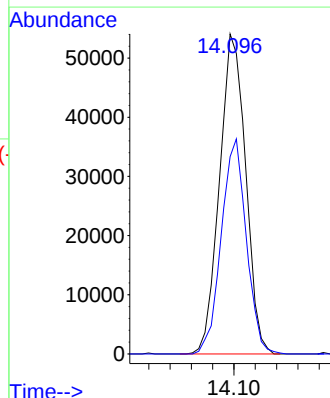
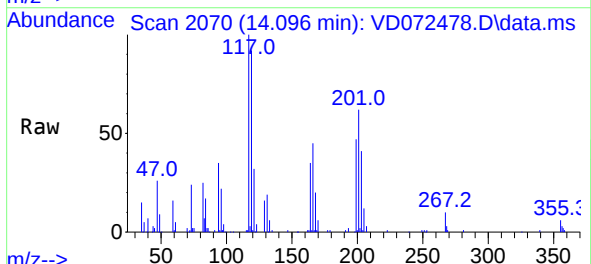
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

Tgt Ion: 91 Resp: 415323  
Ion Ratio Lower Upper  
91 100  
92 53.8 26.6 79.8  
134 25.7 12.3 36.9



#90  
Hexachloroethane  
Concen: 21.180 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. -0.006 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion: 117 Resp: 91973  
Ion Ratio Lower Upper  
117 100  
201 64.4 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 21.291 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

Instrument :

MSVOA\_D

ClientSampleId :

VD0330SBS02

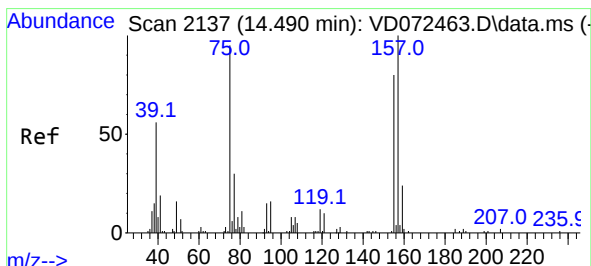
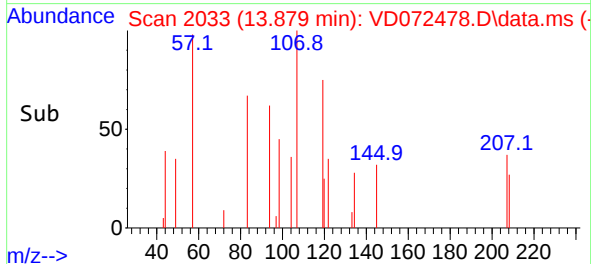
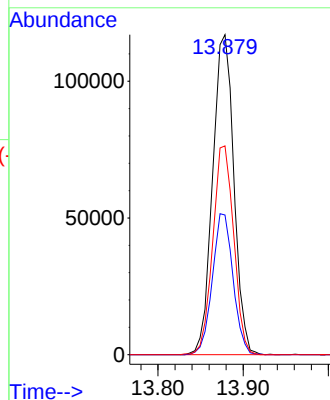
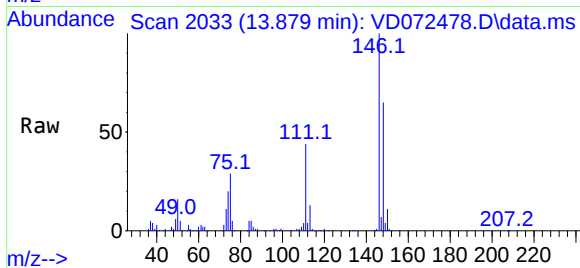
Tgt Ion:146 Resp: 202666

Ion Ratio Lower Upper

146 100

111 43.0 21.1 63.3

148 64.4 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.831 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. -0.006 min

Lab File: VD072478.D

Acq: 30 Mar 2022 14:48

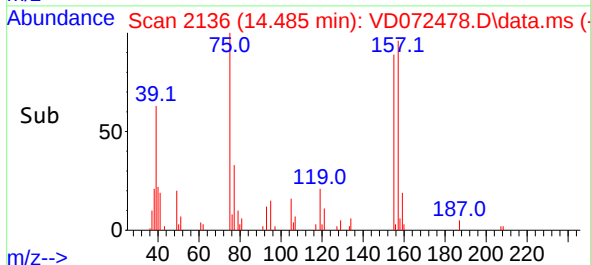
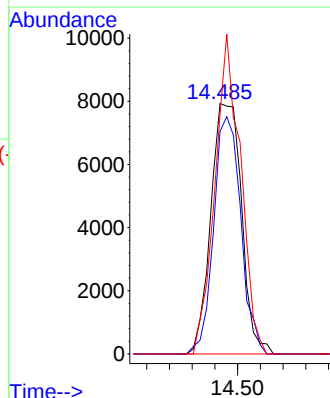
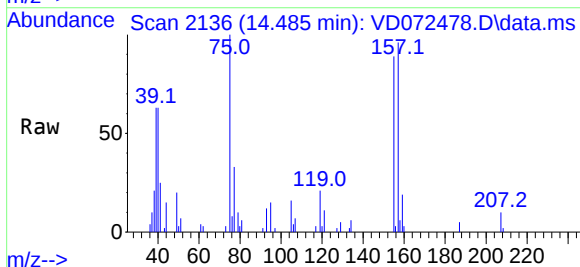
Tgt Ion: 75 Resp: 14861

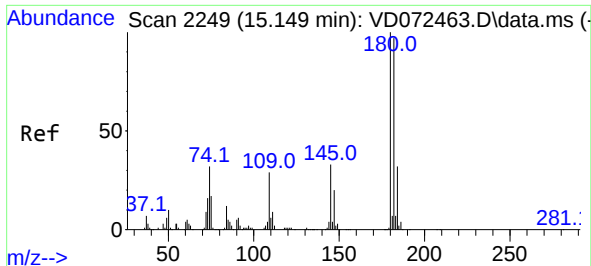
Ion Ratio Lower Upper

75 100

155 83.8 36.8 110.3

157 106.7 48.4 145.0

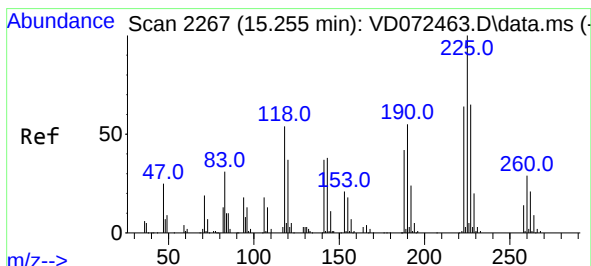
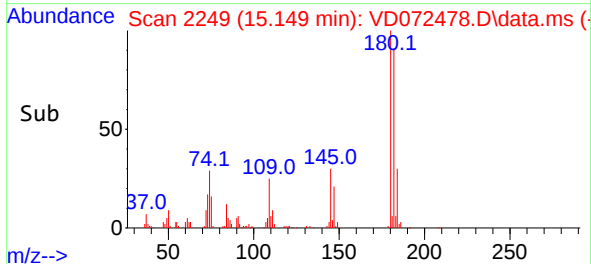
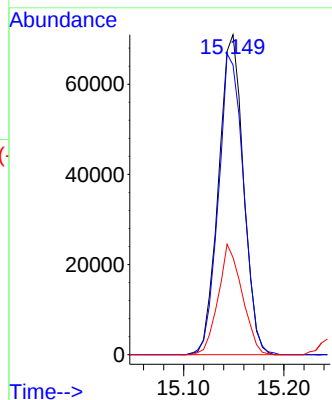
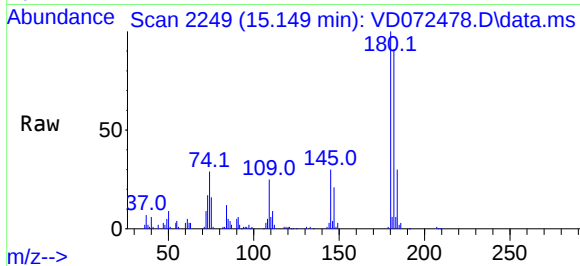




#93  
1,2,4-Trichlorobenzene  
Concen: 20.664 ug/l  
RT: 15.149 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

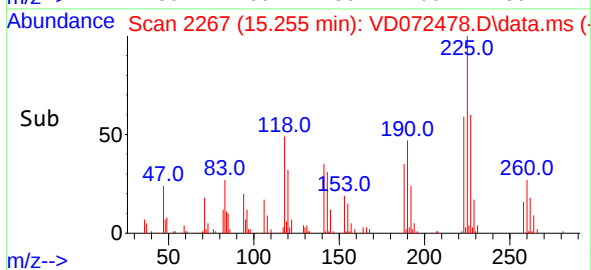
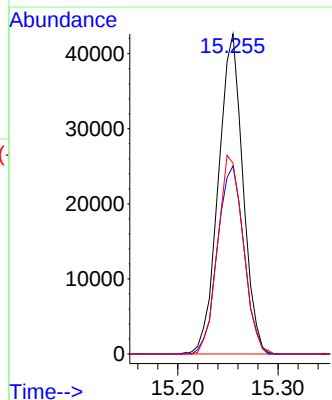
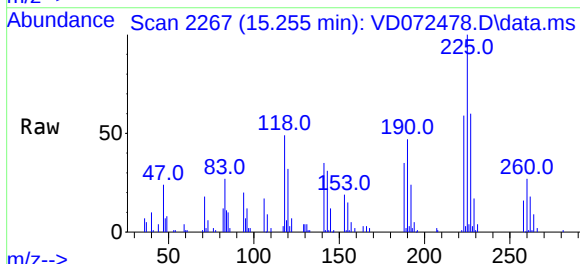
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

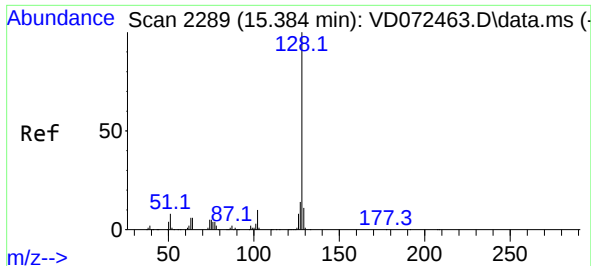
Tgt Ion:180 Resp: 121922  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.3 142.0  
145 33.2 16.2 48.5



#94  
Hexachlorobutadiene  
Concen: 21.902 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion:225 Resp: 72385  
Ion Ratio Lower Upper  
225 100  
223 63.2 31.1 93.2  
227 64.7 32.4 97.0

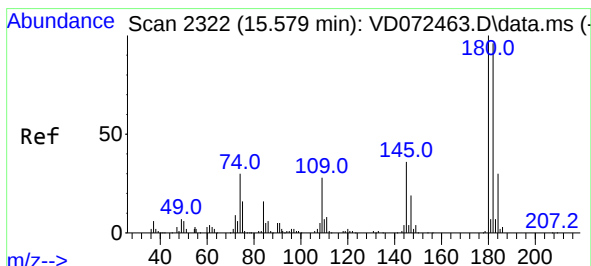
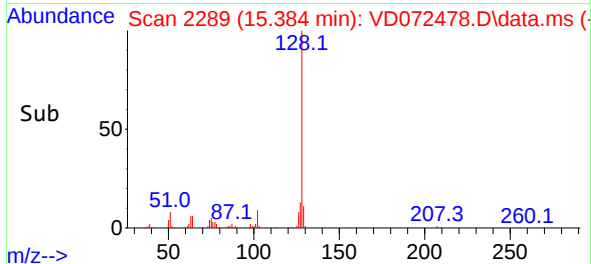
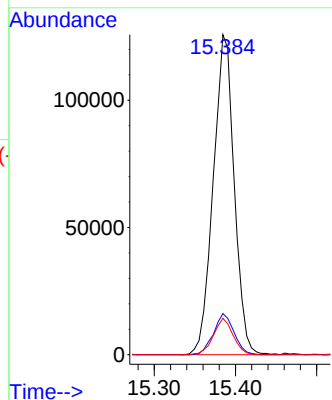
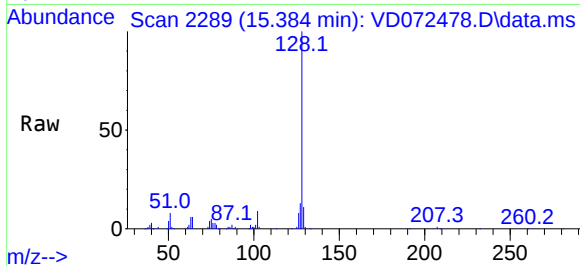




#95  
Naphthalene  
Concen: 19.672 ug/l  
RT: 15.384 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0330SBS02

Tgt Ion:128 Resp: 225524  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.3 15.5  
129 10.7 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 21.589 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VD072478.D  
Acq: 30 Mar 2022 14:48

Tgt Ion:180 Resp: 111171  
Ion Ratio Lower Upper  
180 100  
182 94.0 47.6 142.9  
145 35.7 17.1 51.3

