

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD090821\  
 Data File : VD070287.D  
 Acq On : 08 Sep 2021 10:20  
 Operator : VA/SY  
 Sample : VSTDIC010  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Quant Time: Sep 09 01:33:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 01:31:51 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.979  | 168   | 348144   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861  | 114   | 646296   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638 | 117   | 627129   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567 | 152   | 287550   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326  | 65    | 46775    | 10.256   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 20.520%# |
| 35) Dibromofluoromethane     | 7.914  | 113   | 47717    | 10.294   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 20.580%# |
| 50) Toluene-d8               | 10.338 | 98    | 163769   | 9.939    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 19.880%# |
| 62) 4-Bromofluorobenzene     | 12.626 | 95    | 55899    | 9.918    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 19.840%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985  | 85    | 46706    | 10.730   | ug/l   | 94       |
| 3) Chloromethane             | 2.209  | 50    | 62247    | 10.788   | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.344  | 62    | 62204    | 10.738   | ug/l   | 98       |
| 5) Bromomethane              | 2.762  | 94    | 46642    | 10.852   | ug/l   | 100      |
| 6) Chloroethane              | 2.915  | 64    | 41311    | 10.672   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.267  | 101   | 81831    | 10.593   | ug/l   | 93       |
| 8) Diethyl Ether             | 3.709  | 74    | 19228    | 9.581    | ug/l   | 79       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097  | 101   | 49669    | 10.286   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.297  | 142   | 33737    | 9.213    | ug/l   | 96       |
| 11) Tert butyl alcohol       | 5.185  | 59    | 43147    | 65.110   | ug/l # | 100      |
| 12) 1,1-Dichloroethene       | 4.067  | 96    | 43204    | 10.270   | ug/l   | 92       |
| 13) Acrolein                 | 3.920  | 56    | 10224    | 47.164   | ug/l # | 82       |
| 14) Allyl chloride           | 4.709  | 41    | 58049    | 9.827    | ug/l   | 91       |
| 15) Acrylonitrile            | 5.426  | 53    | 47981    | 50.037   | ug/l   | 97       |
| 16) Acetone                  | 4.156  | 43    | 44891    | 54.258   | ug/l   | 94       |
| 17) Carbon Disulfide         | 4.409  | 76    | 164169   | 10.558   | ug/l   | 96       |
| 18) Methyl Acetate           | 4.714  | 43    | 24967    | 10.238   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.479  | 73    | 84637    | 9.991    | ug/l   | 98       |
| 20) Methylene Chloride       | 4.956  | 84    | 73512    | 10.530   | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 5.473  | 96    | 50064    | 10.176   | ug/l   | 92       |
| 22) Diisopropyl ether        | 6.361  | 45    | 127338   | 10.173   | ug/l   | 93       |
| 23) Vinyl Acetate            | 6.303  | 43    | 268110   | 49.559   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.256  | 63    | 97195    | 10.467   | ug/l # | 93       |
| 25) 2-Butanone               | 7.208  | 43    | 54412    | 52.266   | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 7.203  | 77    | 77599    | 10.485   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.208  | 96    | 54027    | 10.354   | ug/l   | 93       |
| 28) Bromochloromethane       | 7.538  | 49    | 34983    | 9.858    | ug/l   | 89       |
| 29) Tetrahydrofuran          | 7.567  | 42    | 34272    | 51.505   | ug/l   | 91       |
| 30) Chloroform               | 7.708  | 83    | 101250   | 10.514   | ug/l   | 99       |
| 31) Cyclohexane              | 7.985  | 56    | 80381    | 10.118   | ug/l # | 91       |
| 32) 1,1,1-Trichloroethane    | 7.897  | 97    | 84001    | 10.405   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.108  | 75    | 72053    | 10.248   | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.291  | 43    | 25483    | 9.796    | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.097  | 117   | 71510    | 10.422   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.350  | 83    | 73307    | 9.912    | ug/l   | 96       |
| 40) Benzene                  | 8.350  | 78    | 210542   | 10.297   | ug/l   | 97       |

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 Operator : VA/SY  
 Sample : VSTDIC010  
 Misc : 5.00G/5.00ml/MSVOA\_D/soil  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Quant Time: Sep 09 01:33:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 01:31:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 10688    | 9.337   | ug/l # | 95       |
| 42) 1,2-Dichloroethane        | 8.414  | 62   | 58519    | 10.453  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 48774    | 10.430  | ug/l   | 98       |
| 44) Trichloroethene           | 9.108  | 130  | 50650    | 10.244  | ug/l   | 86       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 57249    | 10.596  | ug/l   | 92       |
| 46) Dibromomethane            | 9.473  | 93   | 29827    | 10.790  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.655  | 83   | 74946    | 10.573  | ug/l # | 99       |
| 48) Methyl methacrylate       | 9.455  | 41   | 18785    | 9.178   | ug/l # | 89       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 5123     | 193.735 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 121819   | 51.439  | ug/l   | 94       |
| 52) Toluene                   | 10.397 | 92   | 124599   | 10.260  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 61379    | 10.396  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 74803    | 10.489  | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 39766    | 10.395  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 36700    | 9.857   | ug/l # | 90       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 66858    | 10.401  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 85887    | 47.523  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.979 | 43   | 78707    | 51.026  | ug/l   | 92       |
| 60) Dibromochloromethane      | 11.138 | 129  | 45851    | 10.282  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 35915    | 10.169  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.873 | 164  | 39688    | 10.166  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.667 | 112  | 132702   | 10.117  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 48528    | 10.000  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.738 | 91   | 214905   | 9.878   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.849 | 106  | 168238   | 19.965  | ug/l   | 98       |
| 69) o-Xylene                  | 12.173 | 106  | 72286    | 9.645   | ug/l   | 98       |
| 70) Styrene                   | 12.191 | 104  | 126900   | 9.735   | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 24344    | 10.283  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 188687   | 9.781   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 42727    | 10.280  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 45651    | 10.327  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 55295    | 23.404  | ug/l # | 1        |
| 77) Bromobenzene              | 12.749 | 156  | 47619    | 10.265  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.814 | 91   | 252086   | 9.939   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 149989   | 10.072  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 166247   | 9.854   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 11704    | 10.181  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 160767   | 10.064  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 128637   | 9.618   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 164493   | 9.952   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 215087   | 9.975   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 167570   | 9.756   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 99343    | 10.125  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 103599   | 10.296  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.832 | 91   | 167556   | 9.822   | ug/l   | 96       |
| 90) Hexachloroethane          | 14.102 | 117  | 45470    | 11.075  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 86038    | 10.177  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 7361     | 11.378  | ug/l   | 87       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 48291    | 10.754  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 32165    | 11.340  | ug/l   | 91       |
| 95) Naphthalene               | 15.384 | 128  | 80164    | 10.478  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 42016    | 10.926  | ug/l   | 98       |

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Operator : VA/SY  
Sample : VSTDICC010  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC010

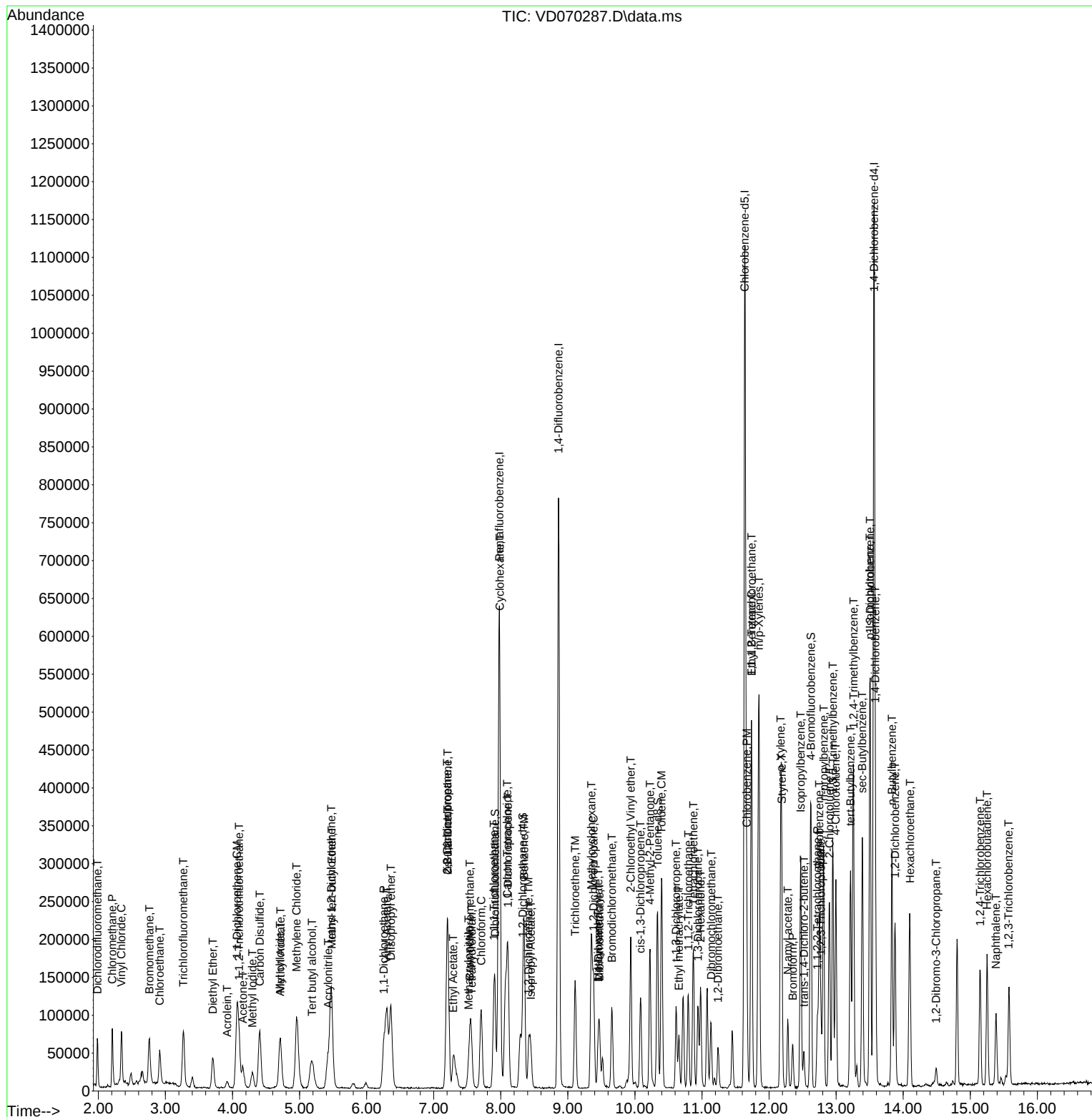
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 09 01:31:51 2021  
Response via : Initial Calibration

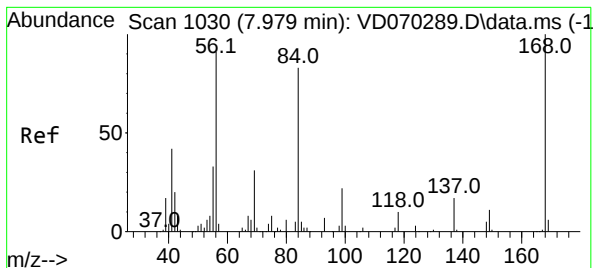
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

**Instrument :**  
MSVOA\_D  
**ClientSampleId :**  
VSTDICC010

Quant Time: Sep 09 01:33:45 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 09 01:31:51 2021  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD070287.D

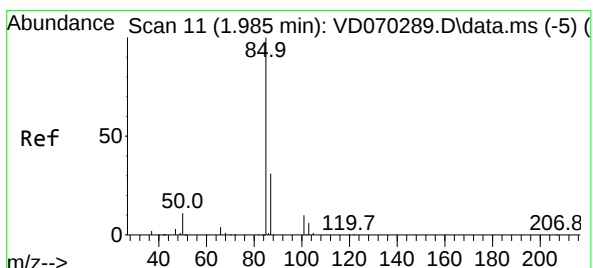
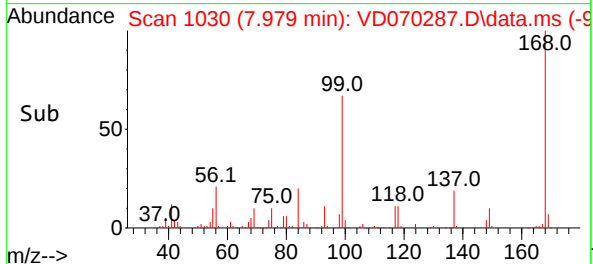
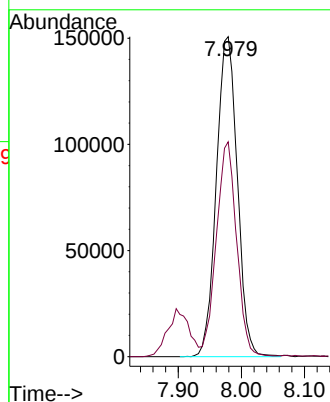
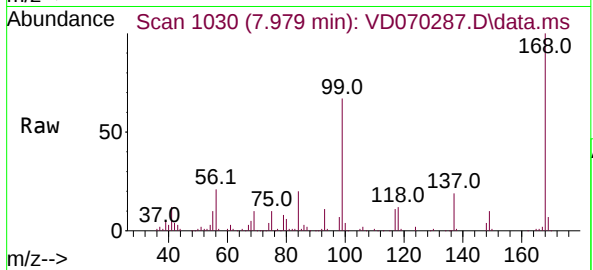
Acq: 08 Sep 2021 10:20

Tgt Ion:168 Resp: 348144

Ion Ratio Lower Upper

168 100

99 66.8 50.8 76.2



#2

Dichlorodifluoromethane

Concen: 10.730 ug/l

RT: 1.985 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD070287.D

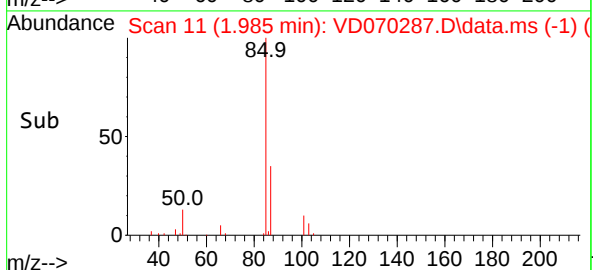
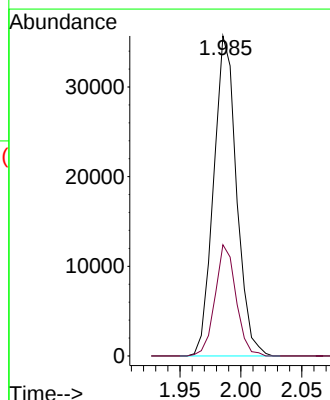
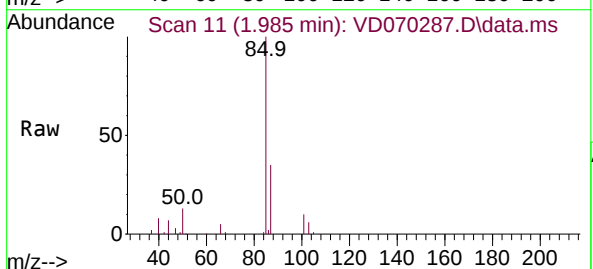
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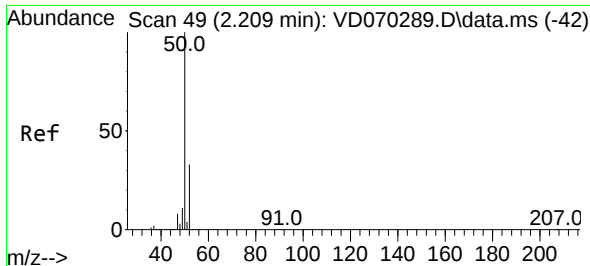
Tgt Ion: 85 Resp: 46706

Ion Ratio Lower Upper

85 100

87 34.8 15.6 46.8

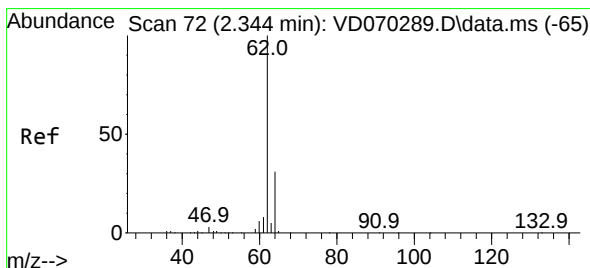
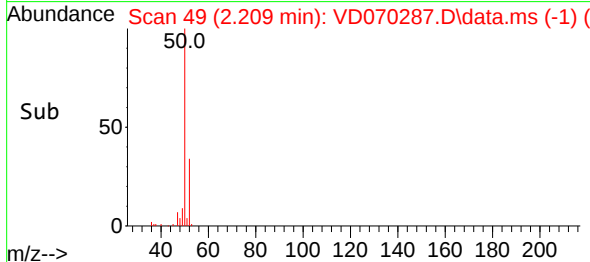
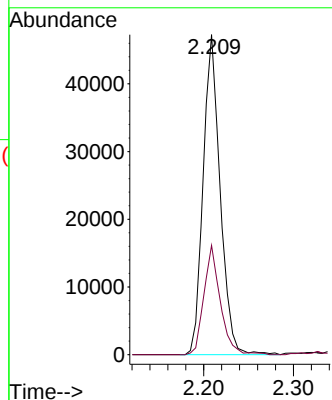
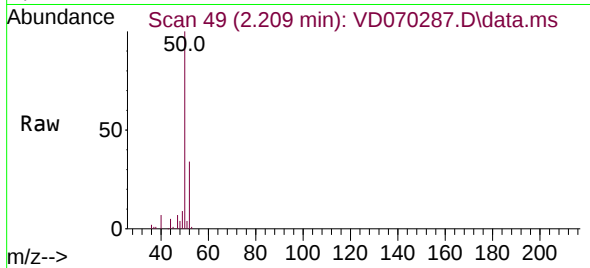




#3  
Chloromethane  
Concen: 10.788 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

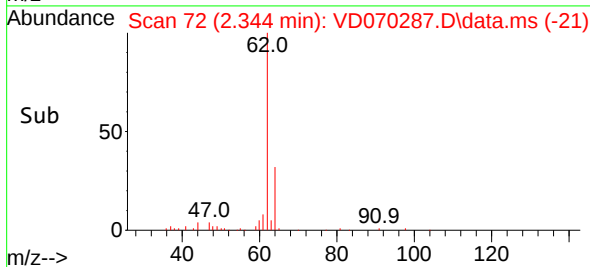
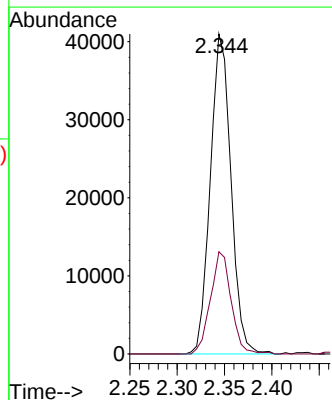
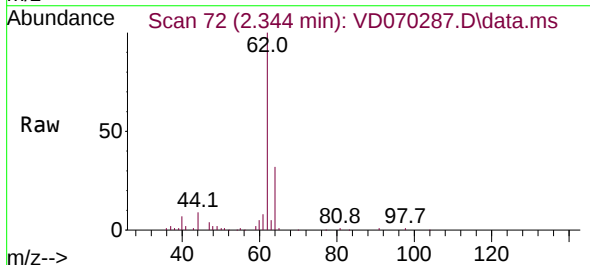
Instrument :  
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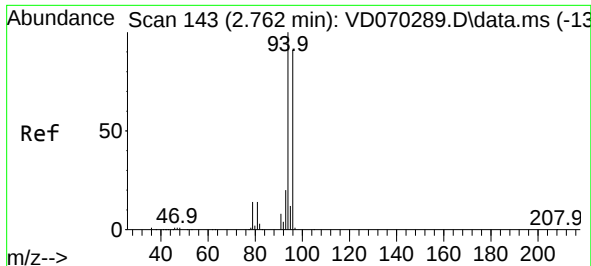
Tgt Ion: 50 Resp: 62247  
Ion Ratio Lower Upper  
50 100  
52 34.2 26.2 39.2



#4  
Vinyl Chloride  
Concen: 10.738 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 62 Resp: 62204  
Ion Ratio Lower Upper  
62 100  
64 32.0 24.6 36.8

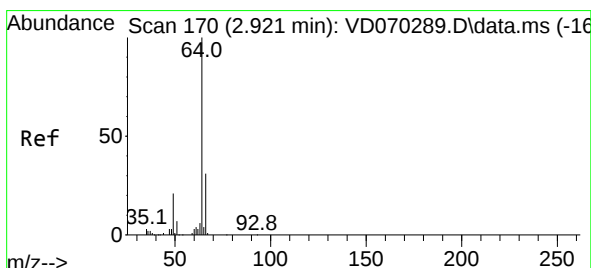
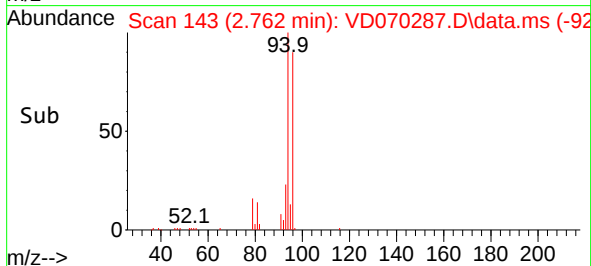
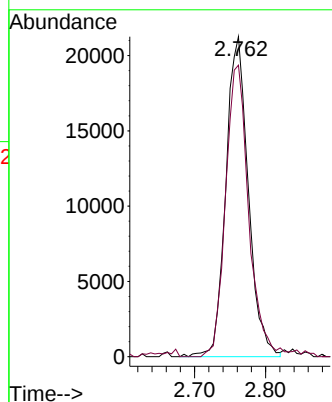
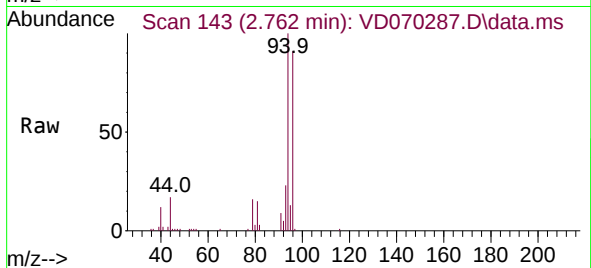




#5  
Bromomethane  
Concen: 10.852 ug/l  
RT: 2.762 min Scan# 143  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

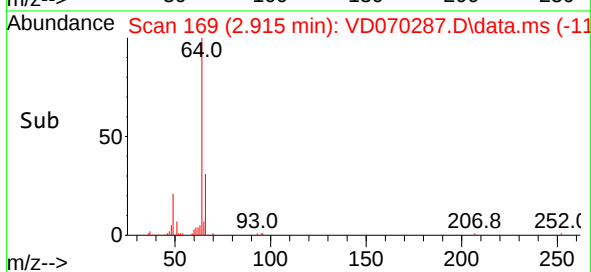
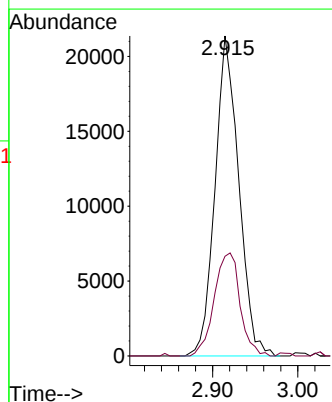
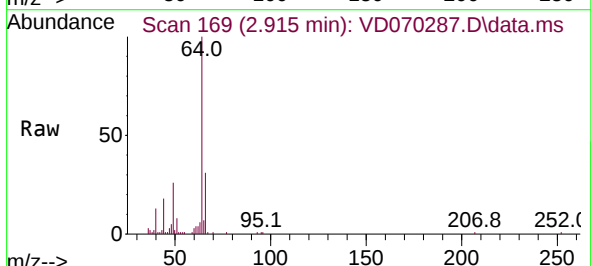
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

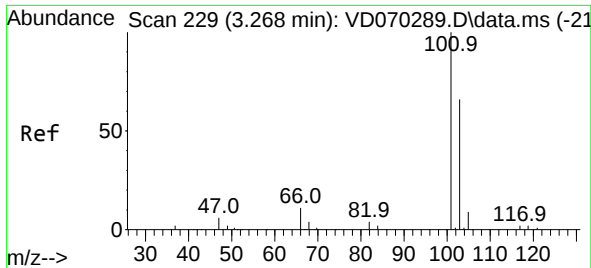
Tgt Ion: 94 Resp: 46642  
Ion Ratio Lower Upper  
94 100  
96 91.1 73.0 109.6



#6  
Chloroethane  
Concen: 10.672 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 64 Resp: 41311  
Ion Ratio Lower Upper  
64 100  
66 31.2 25.0 37.4

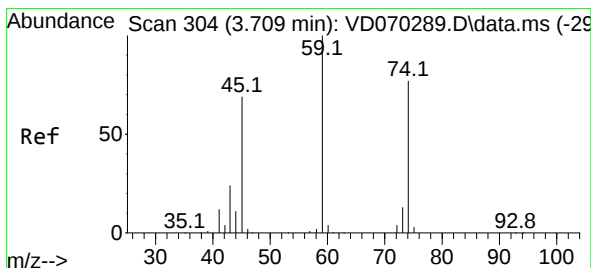
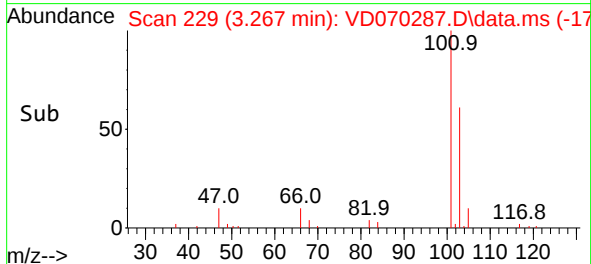
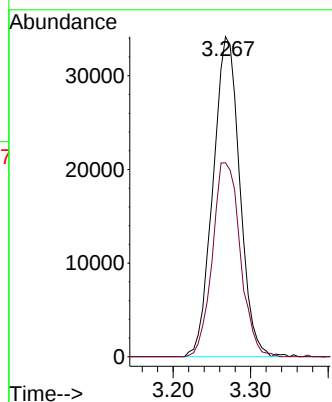
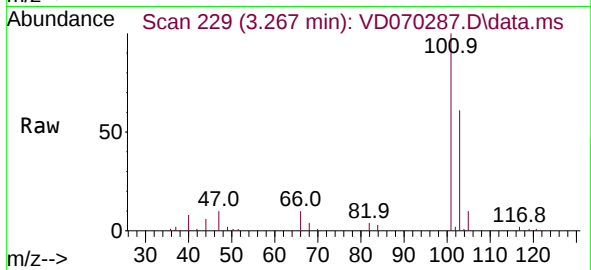




#7  
Trichlorofluoromethane  
Concen: 10.593 ug/l  
RT: 3.267 min Scan# 229  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

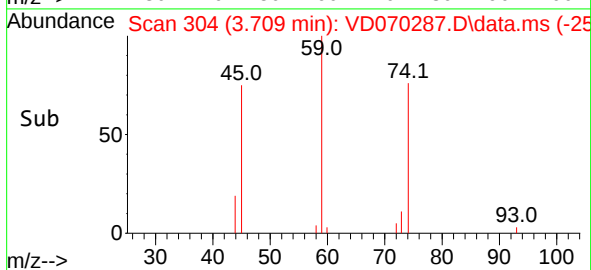
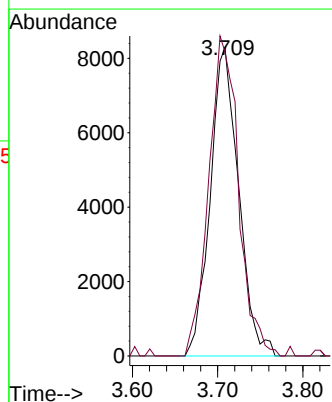
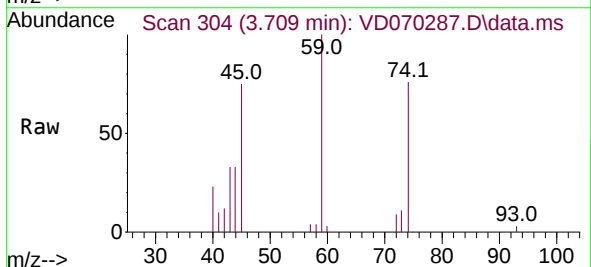
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

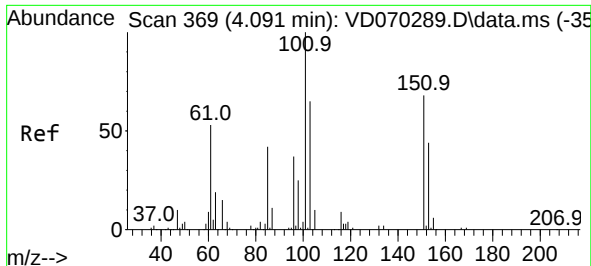
Tgt Ion:101 Resp: 81831  
Ion Ratio Lower Upper  
101 100  
103 60.6 53.0 79.6



#8  
Diethyl Ether  
Concen: 9.581 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 74 Resp: 19228  
Ion Ratio Lower Upper  
74 100  
45 108.7 44.5 133.5

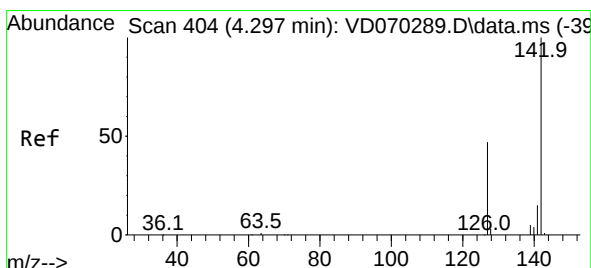
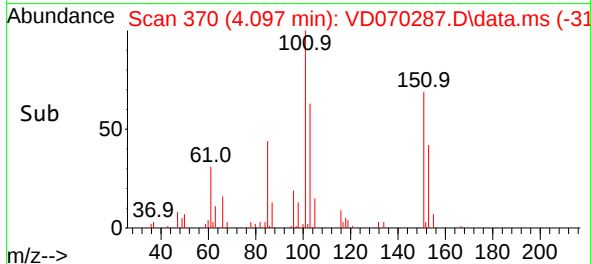
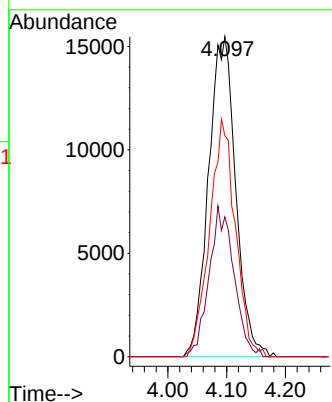
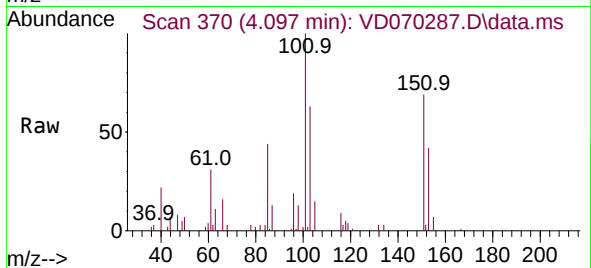




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 10.286 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. 0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

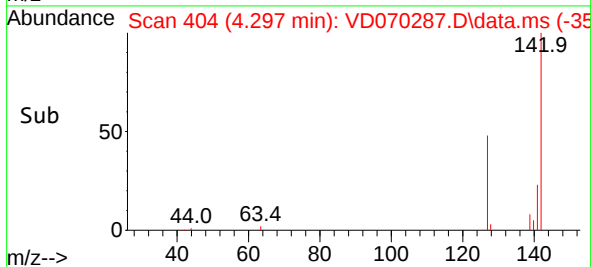
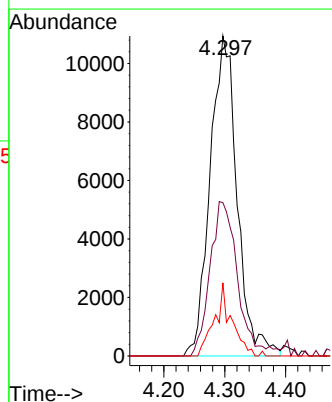
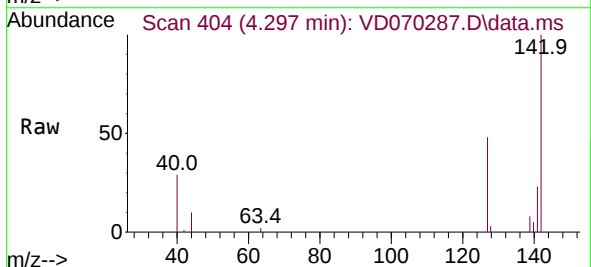
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

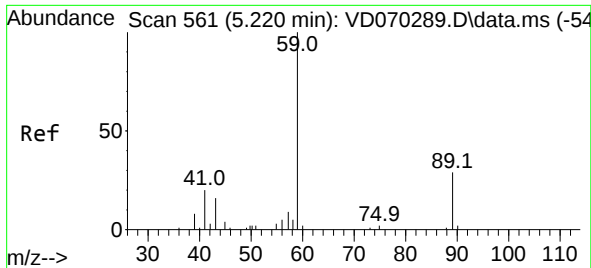
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 49669 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 43.1  | 33.8  | 50.8  |
| 151      | 70.4  | 55.8  | 83.6  |



#10  
Methyl Iodide  
Concen: 9.213 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 33737 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 49.4  | 36.9  | 55.3  |
| 141      | 14.4  | 11.8  | 17.6  |

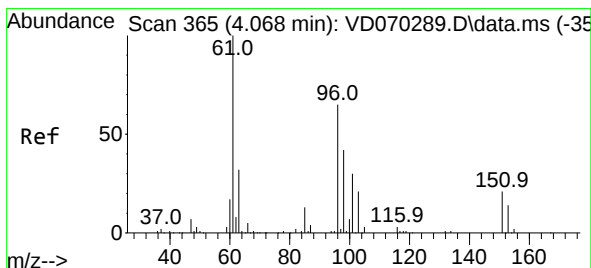
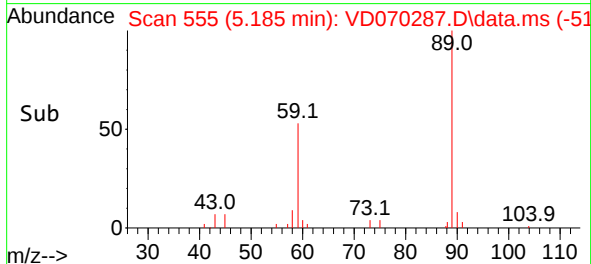
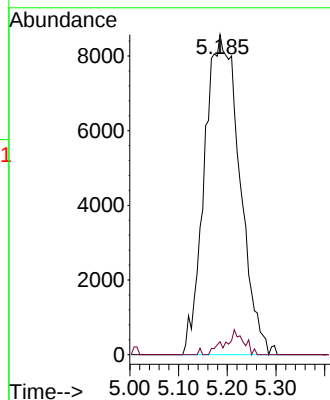
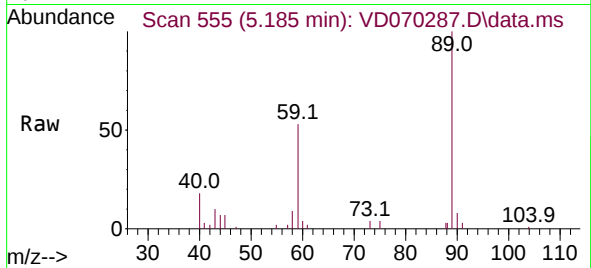




#11  
Tert butyl alcohol  
Concen: 65.110 ug/l  
RT: 5.185 min Scan# 555  
Delta R.T. -0.035 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

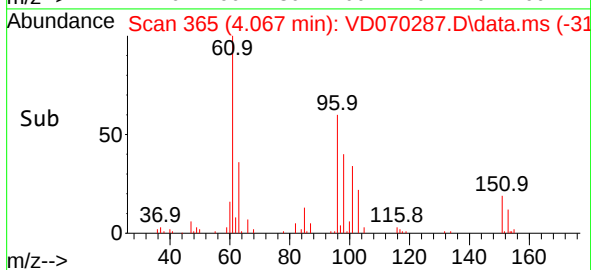
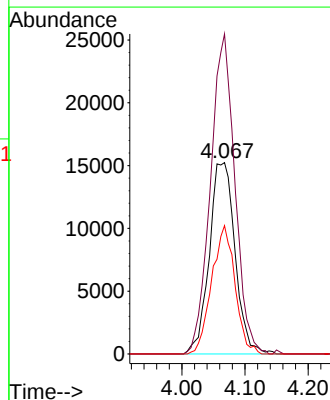
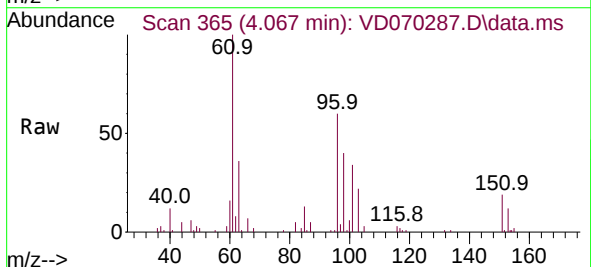
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

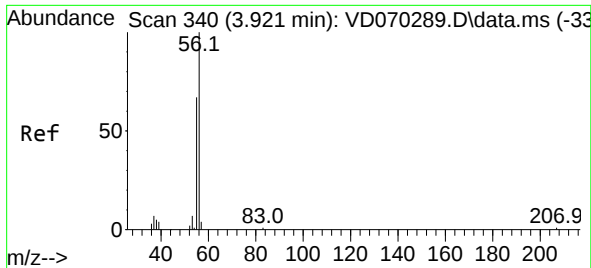
Tgt Ion: 59 Resp: 43147  
Ion Ratio Lower Upper  
59 100  
57 0.0 0.0 0.0



#12  
1,1-Dichloroethene  
Concen: 10.270 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 96 Resp: 43204  
Ion Ratio Lower Upper  
96 100  
61 167.2 123.2 184.8  
98 67.0 51.9 77.9

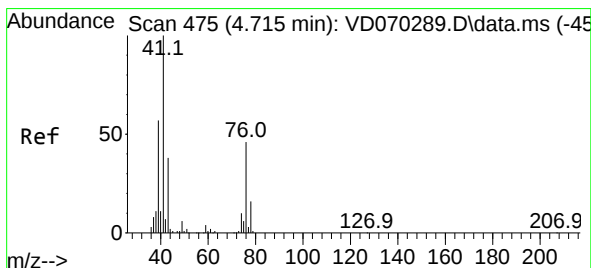
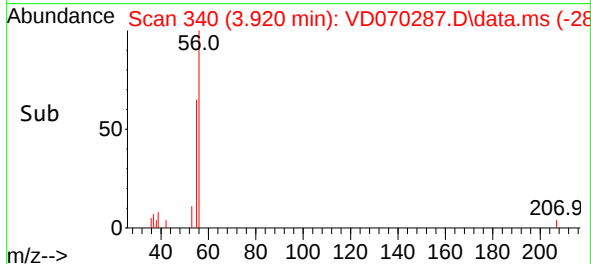
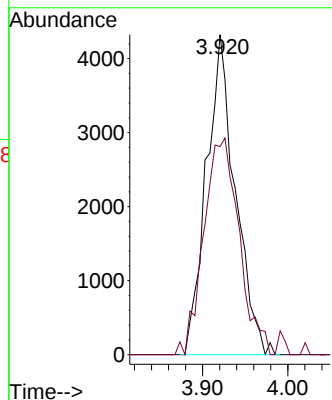
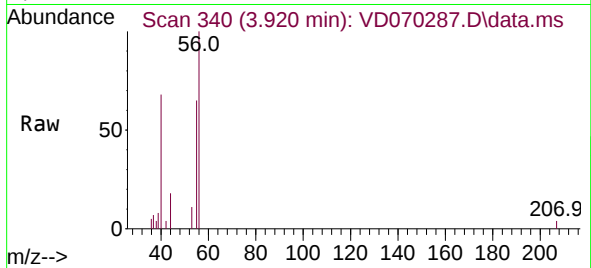




#13  
Acrolein  
Concen: 47.164 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

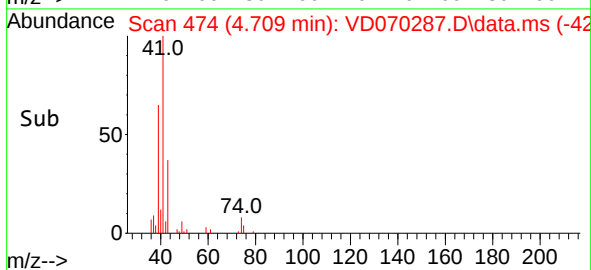
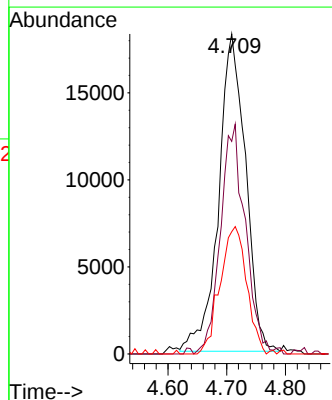
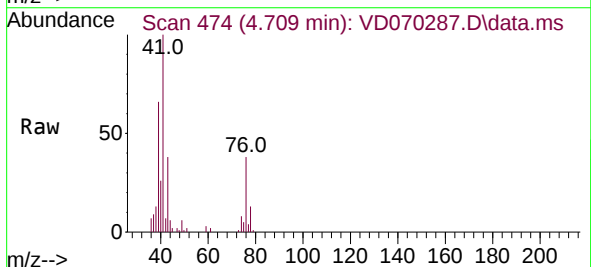
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

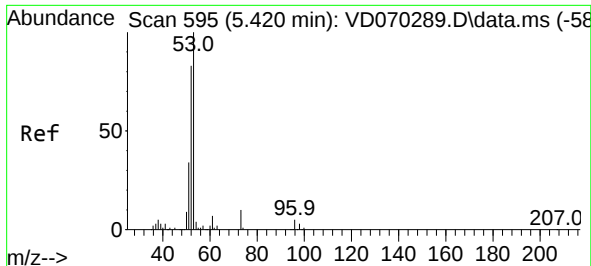
Tgt Ion: 56 Resp: 10224  
Ion Ratio Lower Upper  
56 100  
55 82.4 54.2 81.2#



#14  
Allyl chloride  
Concen: 9.827 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 41 Resp: 58049  
Ion Ratio Lower Upper  
41 100  
39 66.6 46.2 69.4  
76 39.7 34.1 51.1

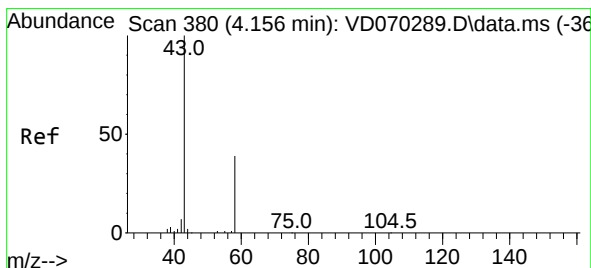
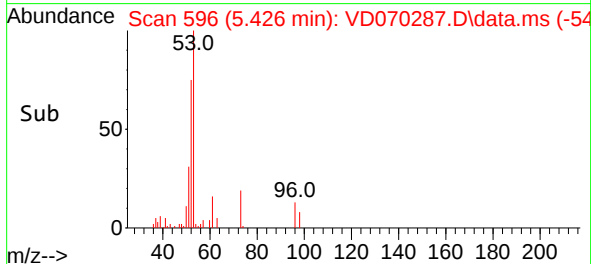
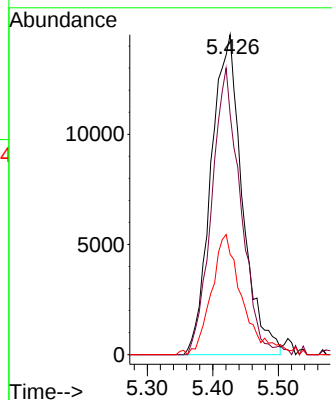
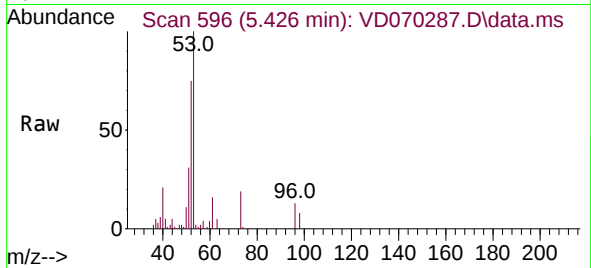




#15  
Acrylonitrile  
Concen: 50.037 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. 0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

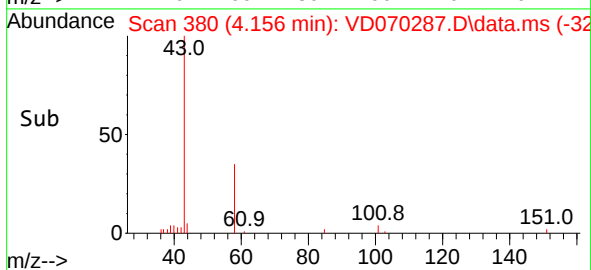
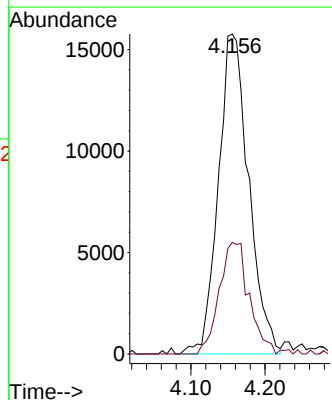
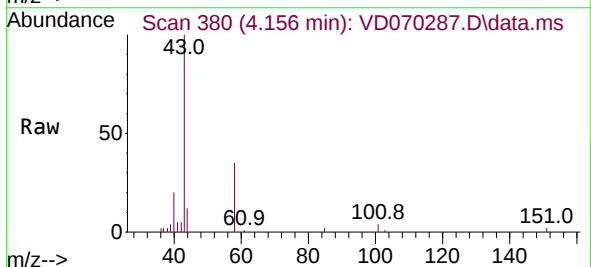
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

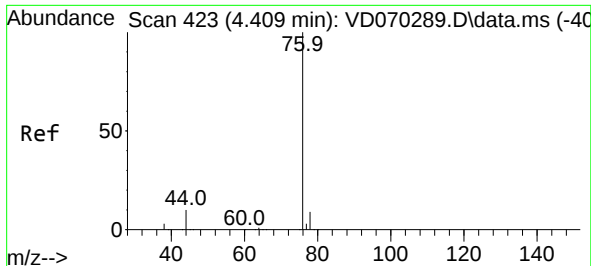
Tgt Ion: 53 Resp: 47981  
Ion Ratio Lower Upper  
53 100  
52 83.1 64.6 97.0  
51 37.5 27.8 41.8



#16  
Acetone  
Concen: 54.258 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 43 Resp: 44891  
Ion Ratio Lower Upper  
43 100  
58 34.9 30.9 46.3

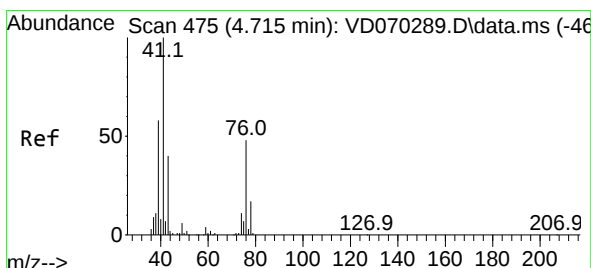
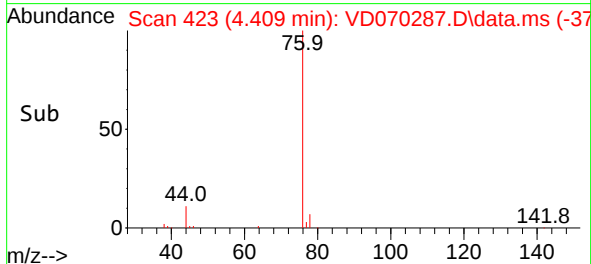
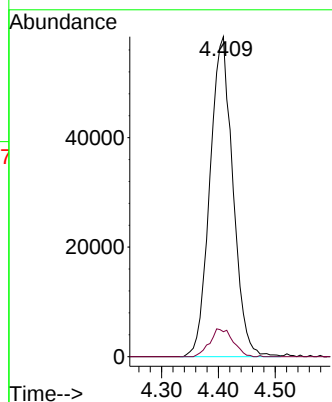
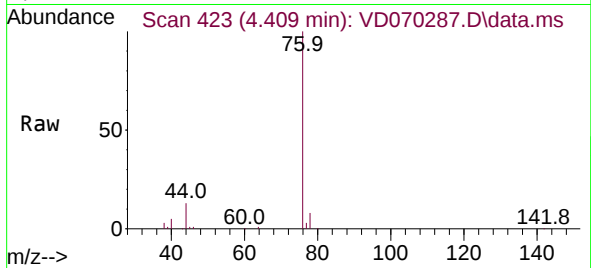




#17  
Carbon Disulfide  
Concen: 10.558 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

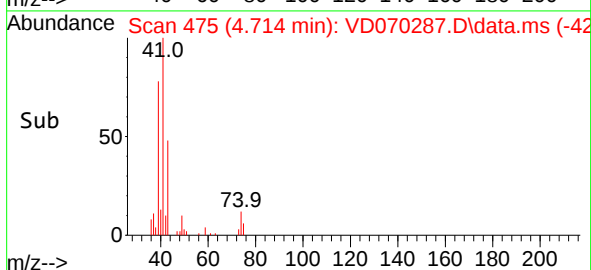
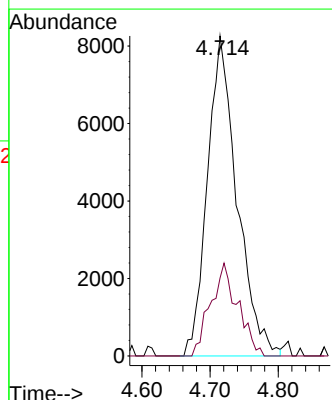
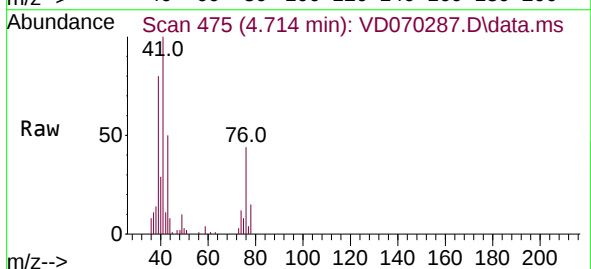
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

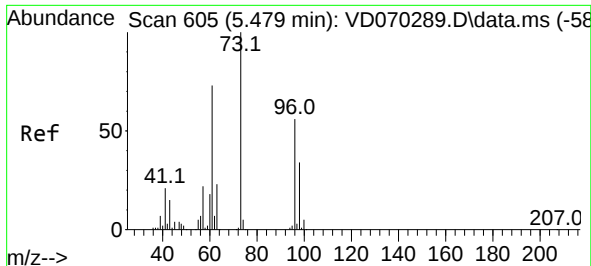
Tgt Ion: 76 Resp: 164169  
Ion Ratio Lower Upper  
76 100  
78 7.8 7.5 11.3



#18  
Methyl Acetate  
Concen: 10.238 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 43 Resp: 24967  
Ion Ratio Lower Upper  
43 100  
74 26.6 21.6 32.4

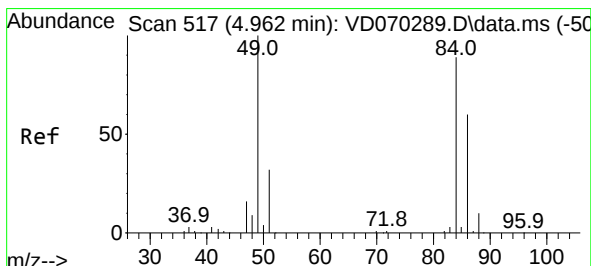
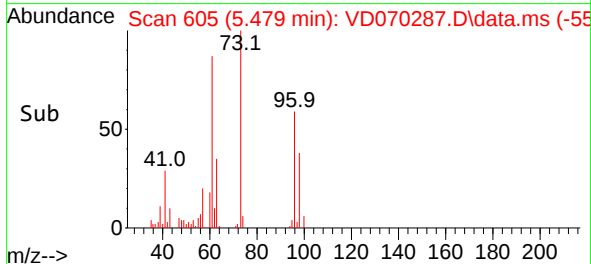
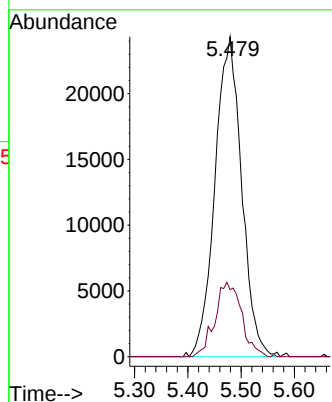
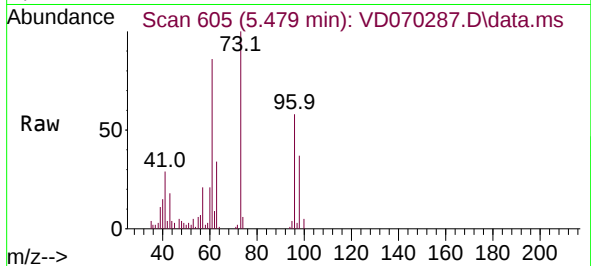




#19  
Methyl tert-butyl Ether  
Concen: 9.991 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

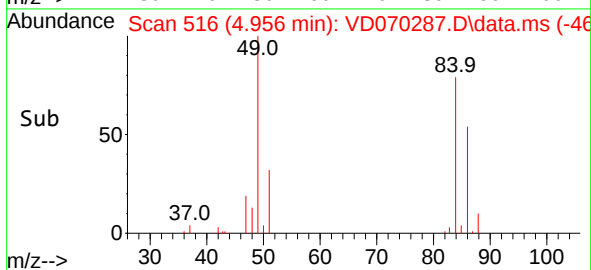
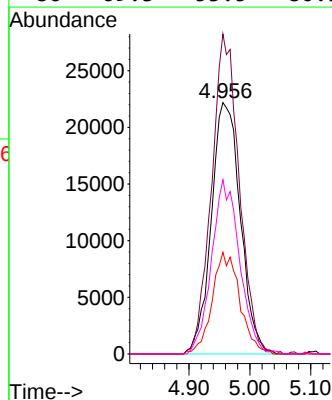
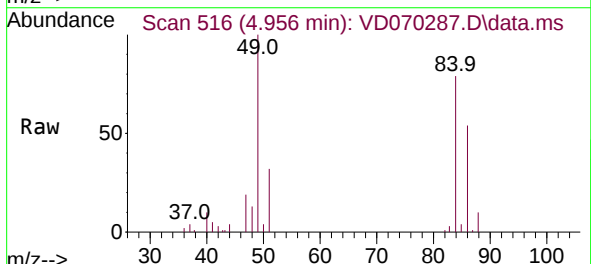
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MSVOA\_D  
ClientSampleId :  
VSTDIC010

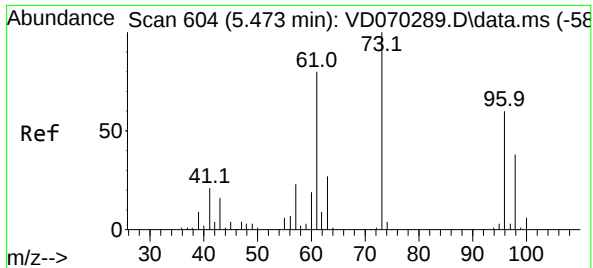
Tgt Ion: 73 Resp: 84637  
Ion Ratio Lower Upper  
73 100  
57 20.9 17.7 26.5



#20  
Methylene Chloride  
Concen: 10.530 ug/l  
RT: 4.956 min Scan# 516  
Delta R.T. -0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 84 Resp: 73512  
Ion Ratio Lower Upper  
84 100  
49 127.3 89.6 134.4  
51 40.4 28.6 43.0  
86 69.3 53.5 80.3

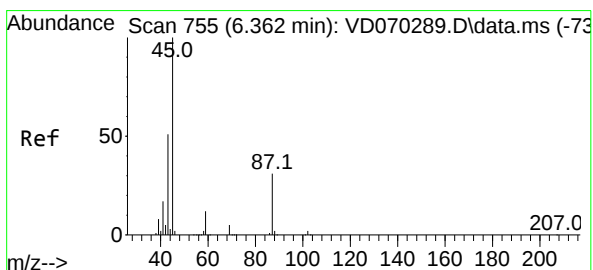
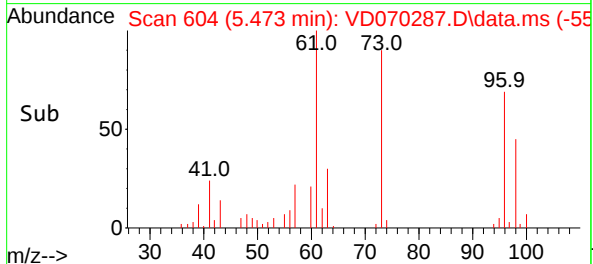
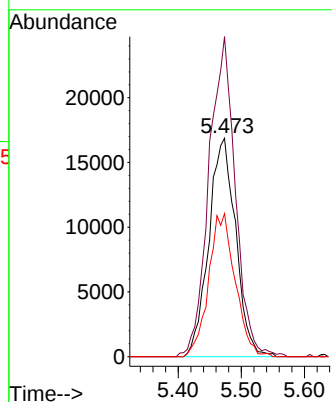
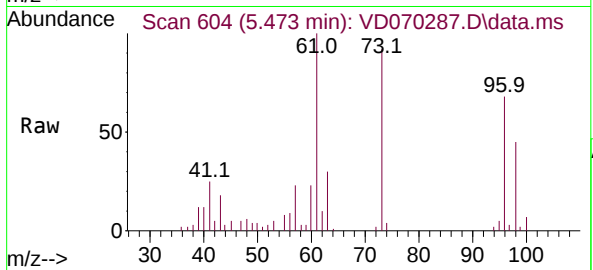




#21  
trans-1,2-Dichloroethene  
Concen: 10.176 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

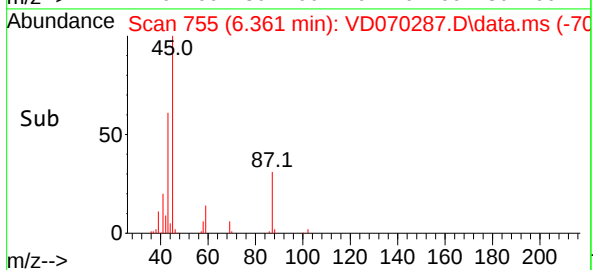
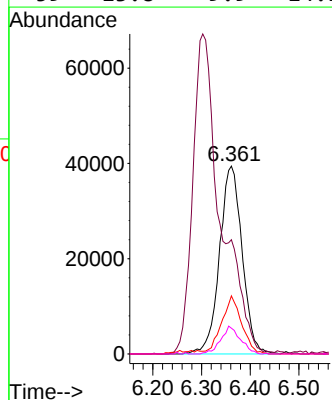
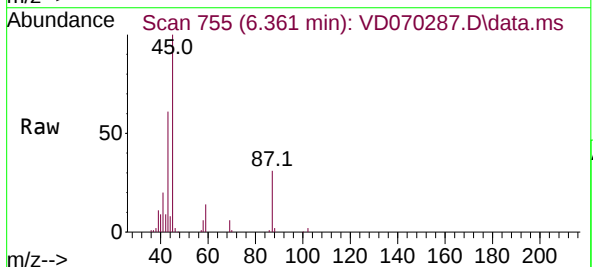
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

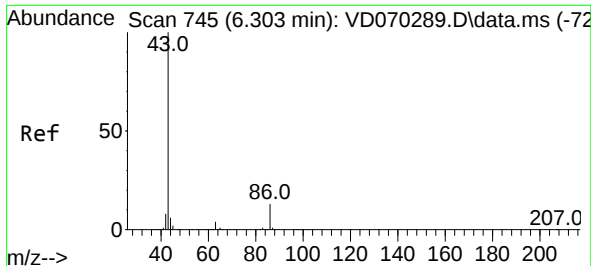
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 50064 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 145.1 | 106.0 | 159.0 |
| 98       | 65.5  | 50.5  | 75.7  |



#22  
Diisopropyl ether  
Concen: 10.173 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 127338 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 59.7  | 41.1  | 61.7   |
| 87       | 30.9  | 24.6  | 36.8   |
| 59       | 13.8  | 9.9   | 14.9   |

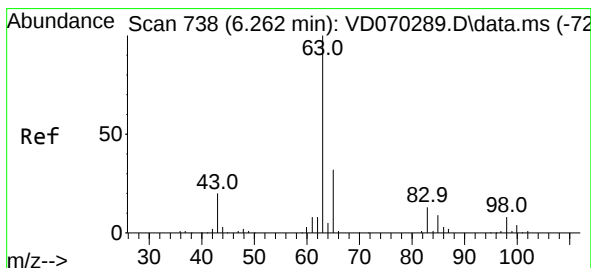
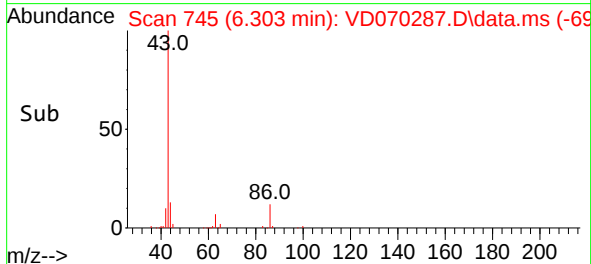
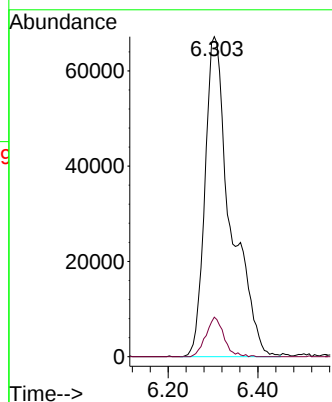
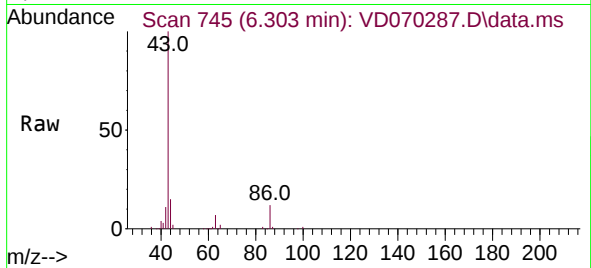




#23  
 Vinyl Acetate  
 Concen: 49.559 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD070287.D  
 Acq: 08 Sep 2021 10:20

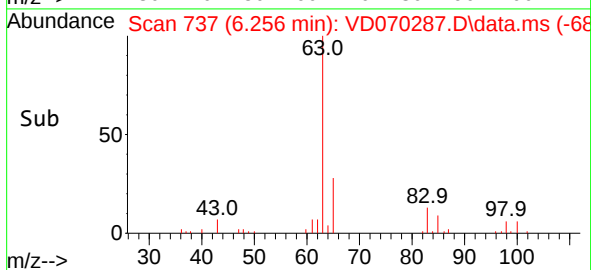
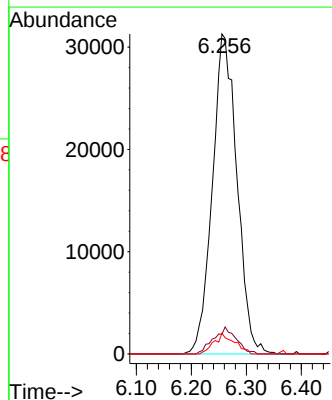
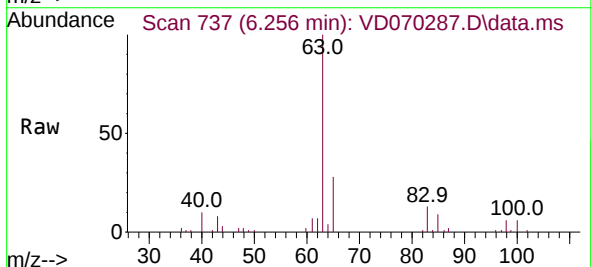
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

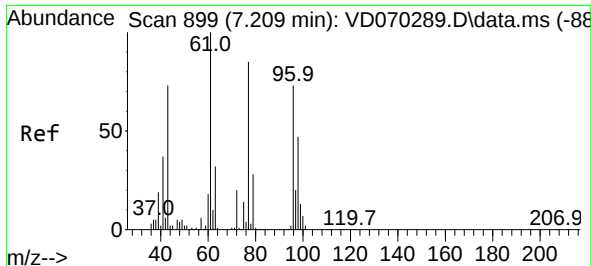
Tgt Ion: 43 Resp: 268110  
 Ion Ratio Lower Upper  
 43 100  
 86 12.4 10.2 15.4



#24  
 1,1-Dichloroethane  
 Concen: 10.467 ug/l  
 RT: 6.256 min Scan# 737  
 Delta R.T. -0.006 min  
 Lab File: VD070287.D  
 Acq: 08 Sep 2021 10:20

Tgt Ion: 63 Resp: 97195  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 4.2 12.4  
 100 6.5 2.0 5.8#

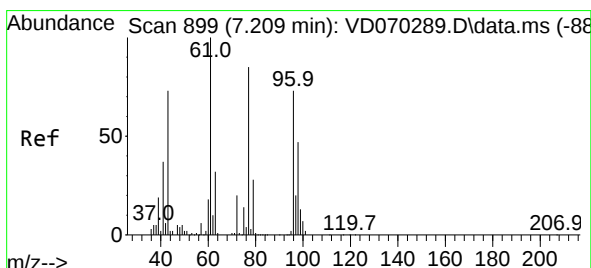
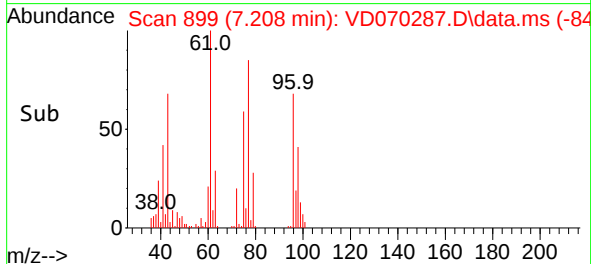
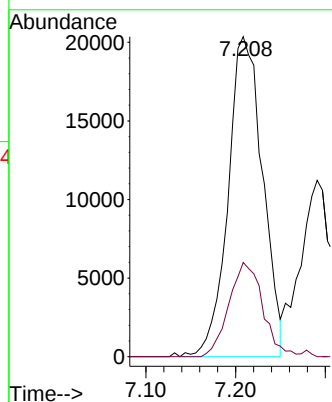
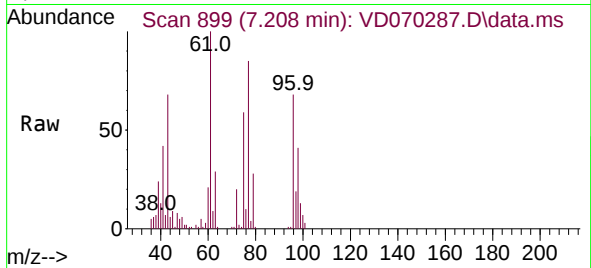




#25  
2-Butanone  
Concen: 52.266 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

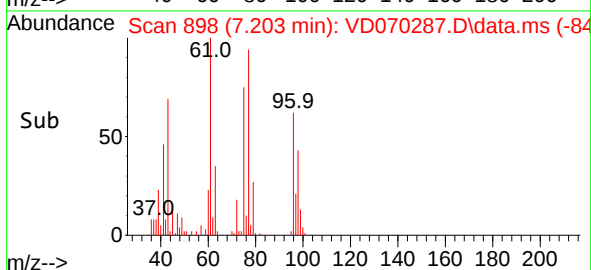
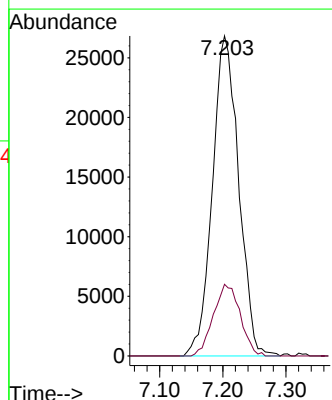
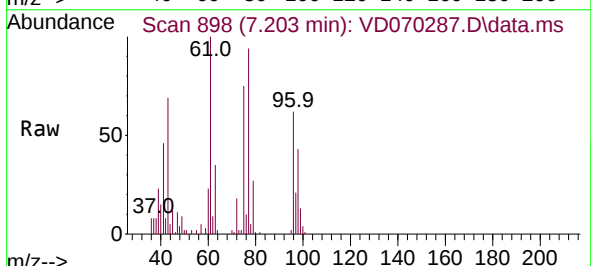
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

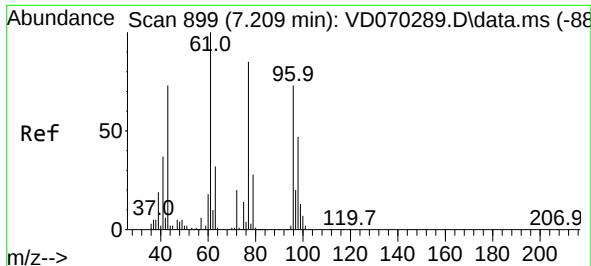
Tgt Ion: 43 Resp: 54412  
Ion Ratio Lower Upper  
43 100  
72 29.4 22.2 33.4



#26  
2,2-Dichloropropane  
Concen: 10.485 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 77 Resp: 77599  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.9 35.9

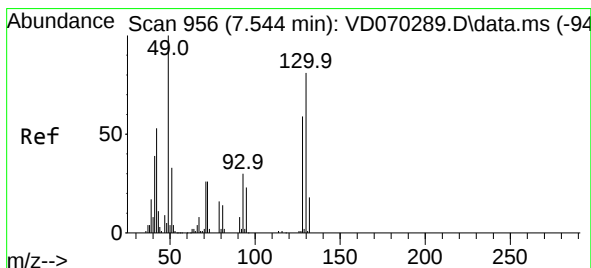
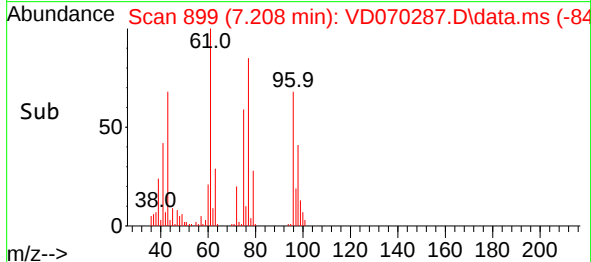
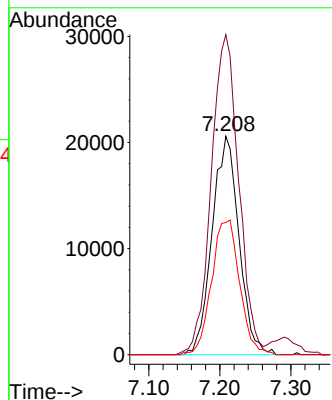
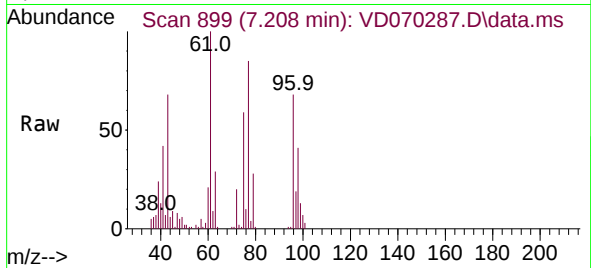




#27  
 cis-1,2-Dichloroethene  
 Concen: 10.354 ug/l  
 RT: 7.208 min Scan# 899  
 Delta R.T. -0.000 min  
 Lab File: VD070287.D  
 Acq: 08 Sep 2021 10:20

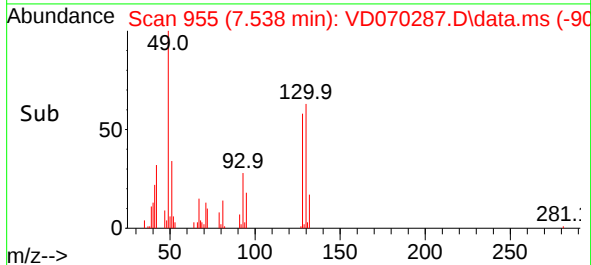
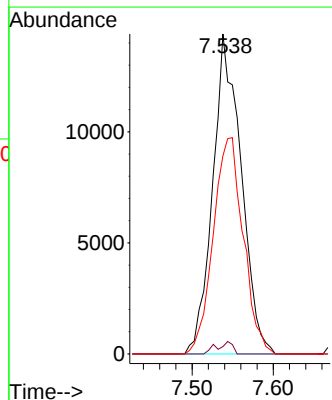
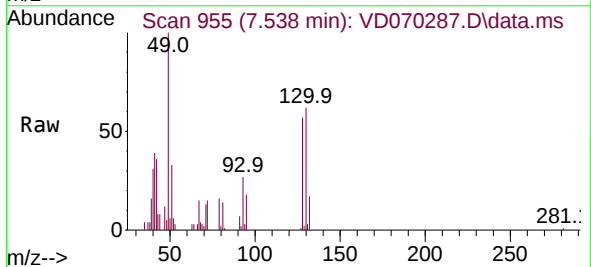
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

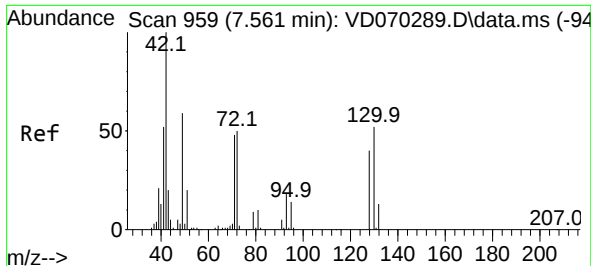
Tgt Ion: 96 Resp: 54027  
 Ion Ratio Lower Upper  
 96 100  
 61 150.1 0.0 277.4  
 98 64.3 0.0 130.0



#28  
 Bromochloromethane  
 Concen: 9.858 ug/l  
 RT: 7.538 min Scan# 955  
 Delta R.T. -0.006 min  
 Lab File: VD070287.D  
 Acq: 08 Sep 2021 10:20

Tgt Ion: 49 Resp: 34983  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.4  
 130 71.5 65.0 97.6





#29

Tetrahydrofuran

Concen: 51.505 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD070287.D

Acq: 08 Sep 2021 10:20

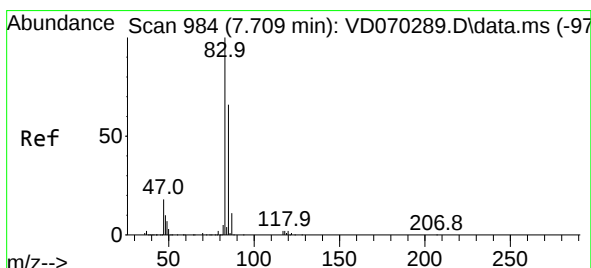
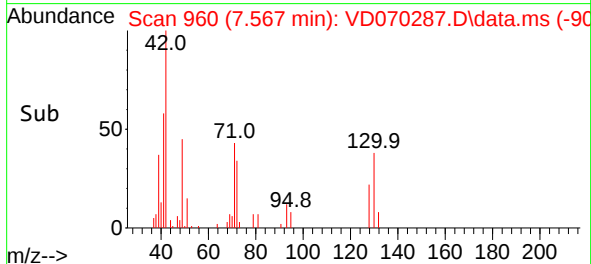
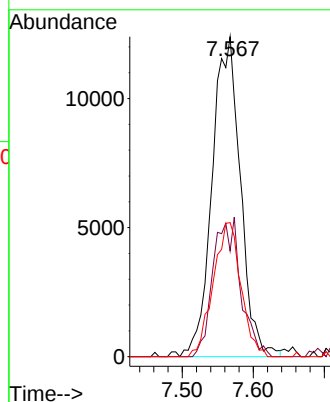
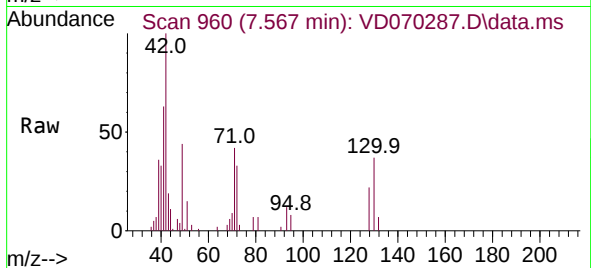
Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 34272 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 42.4  | 38.8  | 58.2  |
| 71       | 41.0  | 37.8  | 56.6  |



#30

Chloroform

Concen: 10.514 ug/l

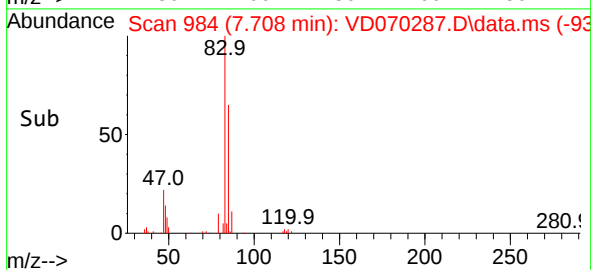
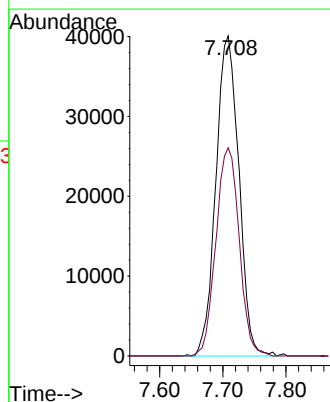
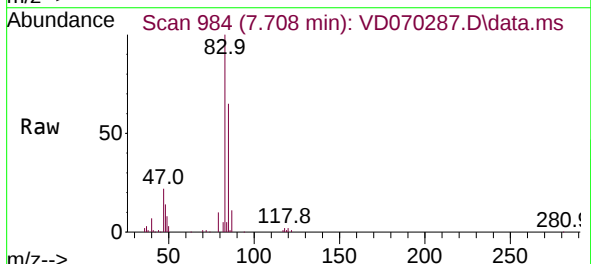
RT: 7.708 min Scan# 984

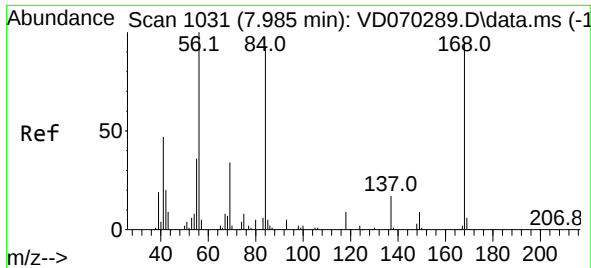
Delta R.T. -0.000 min

Lab File: VD070287.D

Acq: 08 Sep 2021 10:20

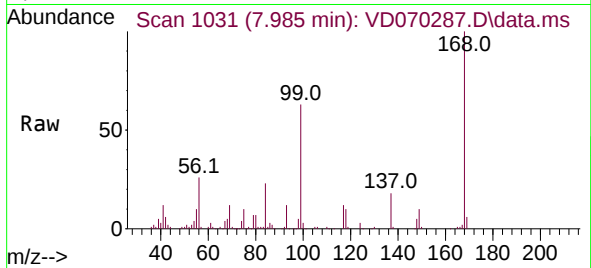
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 101250 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.1  | 52.5  | 78.7   |



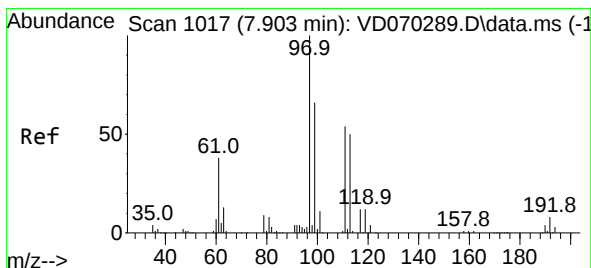
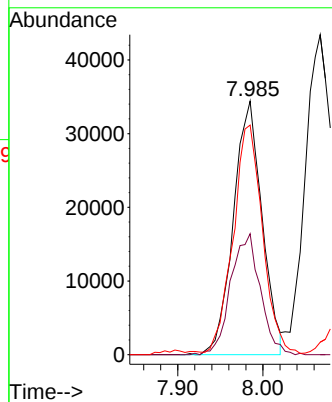
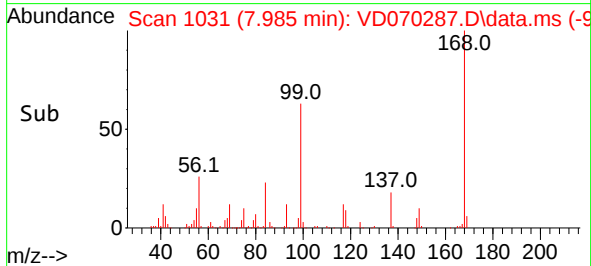


#31  
Cyclohexane  
Concen: 10.118 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

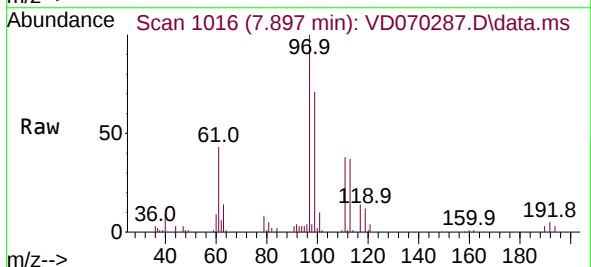
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010



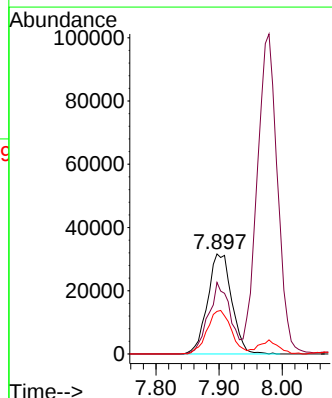
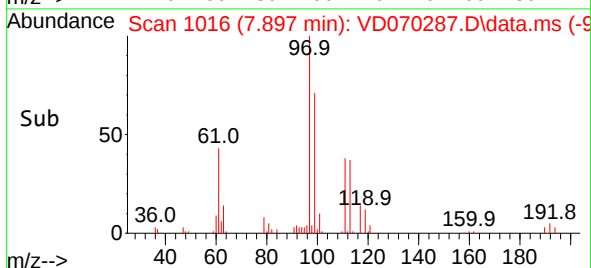
Tgt Ion: 56 Resp: 80381  
Ion Ratio Lower Upper  
56 100  
69 47.7 26.9 40.3#  
84 89.1 73.6 110.4

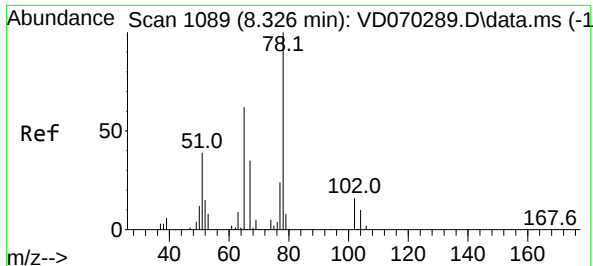


#32  
1,1,1-Trichloroethane  
Concen: 10.405 ug/l  
RT: 7.897 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20



Tgt Ion: 97 Resp: 84001  
Ion Ratio Lower Upper  
97 100  
99 63.5 51.1 76.7  
61 43.2 31.4 47.0



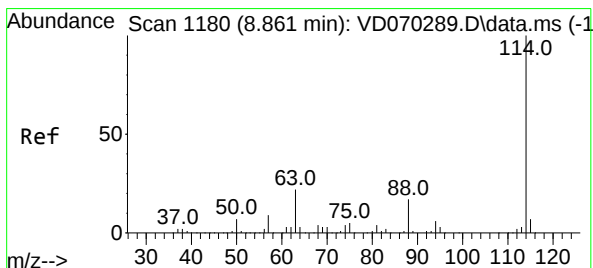
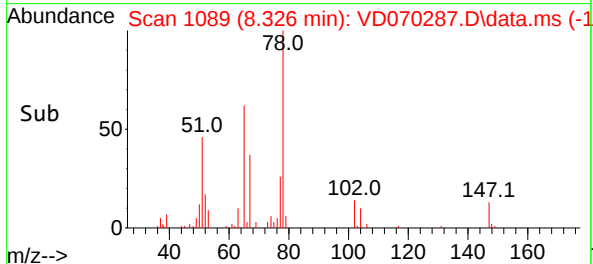
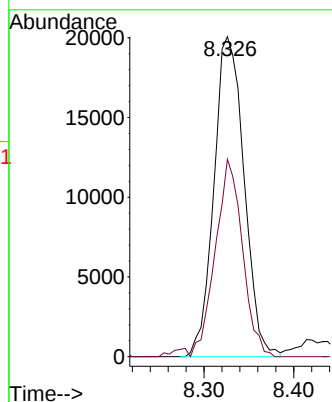
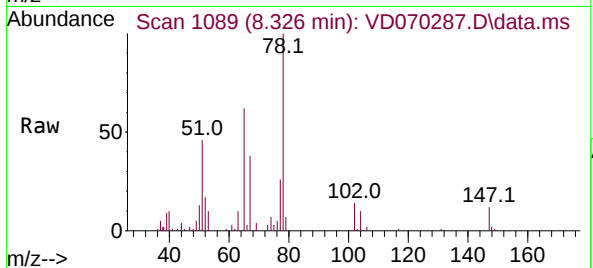


#33

1,2-Dichloroethane-d4  
Concen: 10.256 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

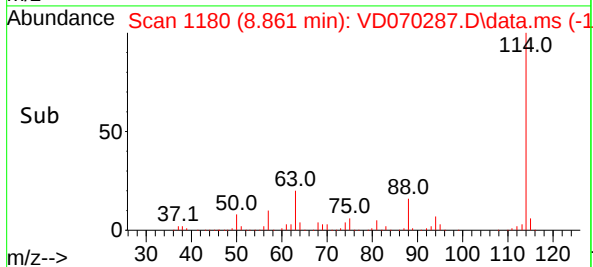
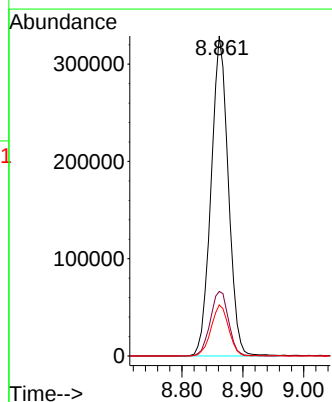
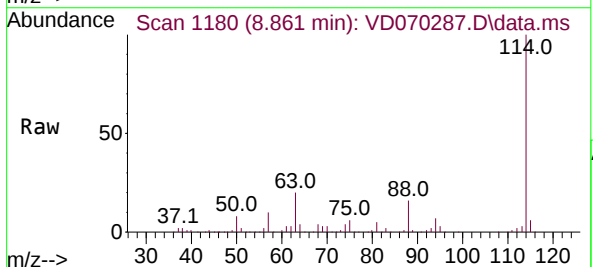
Tgt Ion: 65 Resp: 46775  
Ion Ratio Lower Upper  
65 100  
67 55.6 0.0 111.4

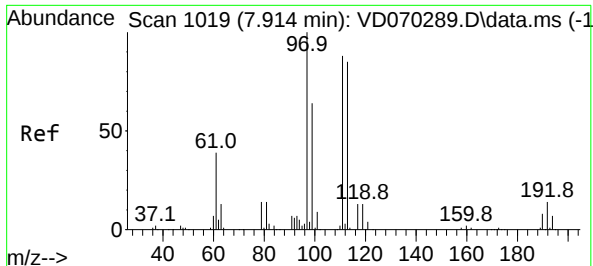


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 114 Resp: 646296  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 43.4  
88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 10.294 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070287.D

Acq: 08 Sep 2021 10:20

Tgt Ion:113 Resp: 47717

Ion Ratio Lower Upper

113 100

111 100.7 81.4 122.2

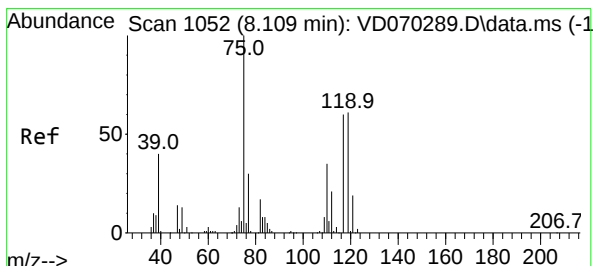
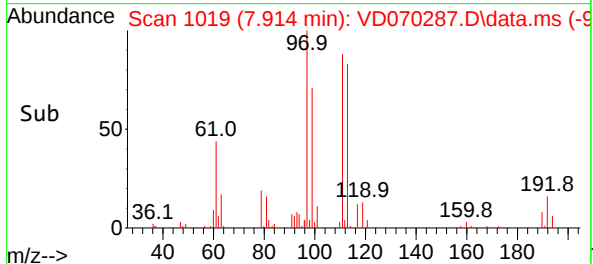
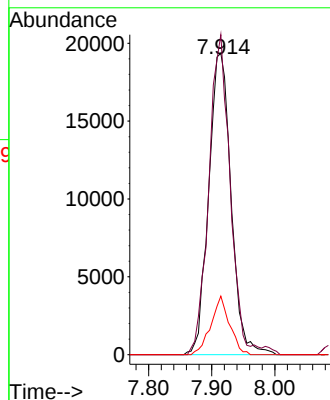
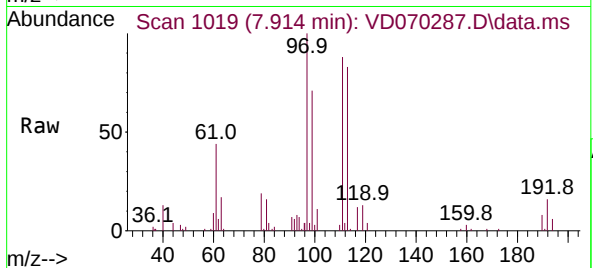
192 16.2 13.0 19.6

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010



#36

1,1-Dichloropropene

Concen: 10.248 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD070287.D

Acq: 08 Sep 2021 10:20

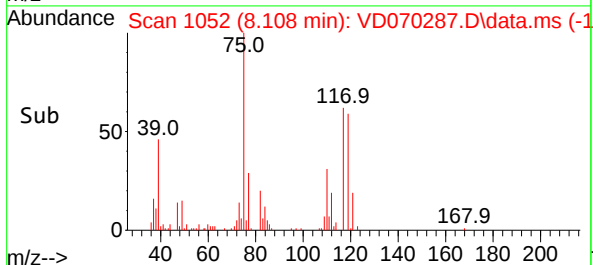
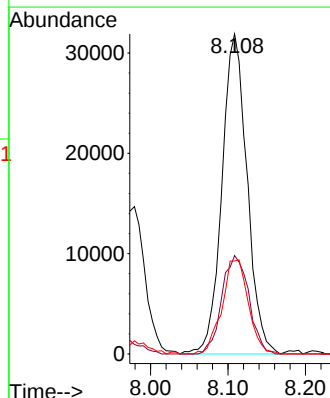
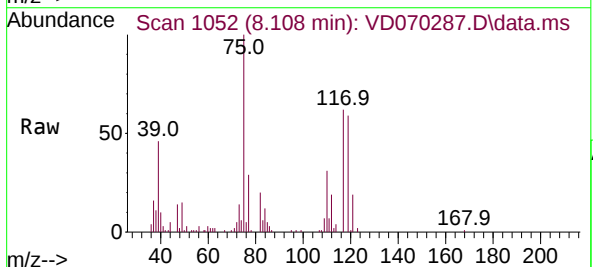
Tgt Ion: 75 Resp: 72053

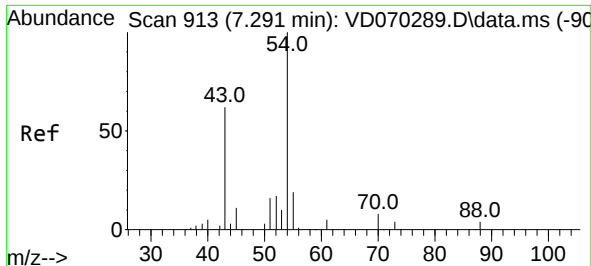
Ion Ratio Lower Upper

75 100

110 33.1 17.9 53.7

77 31.0 25.3 37.9

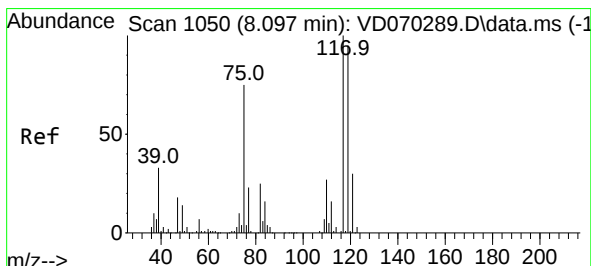
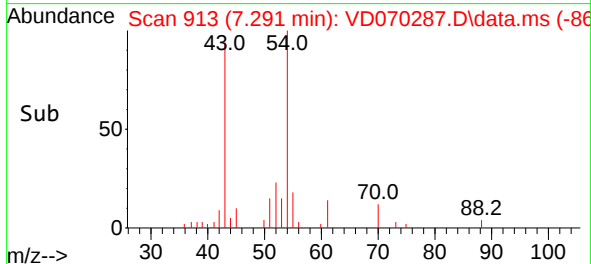
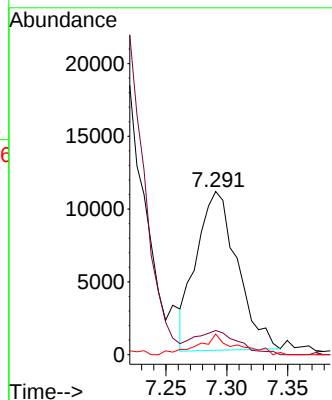
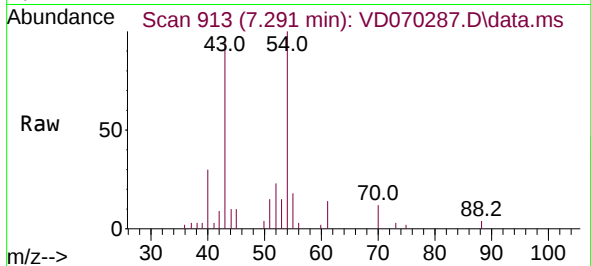




#37  
Ethyl Acetate  
Concen: 9.796 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

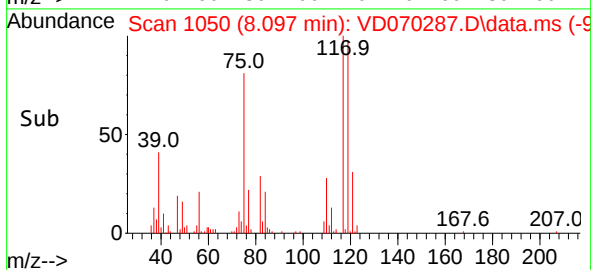
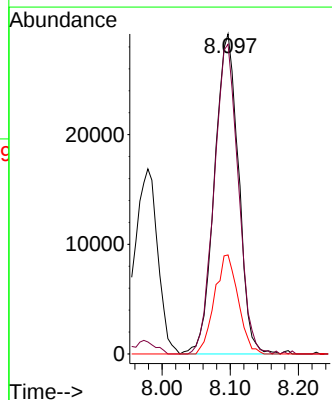
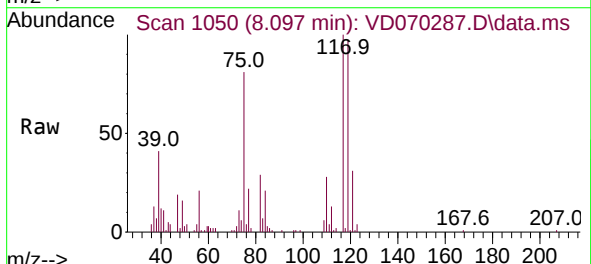
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

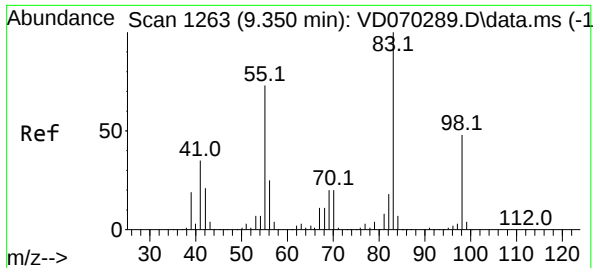
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 25483 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 16.6     | 13.0 19.6   |
| 70 11.9     | 9.8 14.6    |



#38  
Carbon Tetrachloride  
Concen: 10.422 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

|             |             |       |  |
|-------------|-------------|-------|--|
| Tgt Ion:117 | Resp: 71510 |       |  |
| Ion Ratio   | Lower       | Upper |  |
| 117 100     |             |       |  |
| 119 96.8    | 76.1        | 114.1 |  |
| 121 30.9    | 23.8        | 35.6  |  |

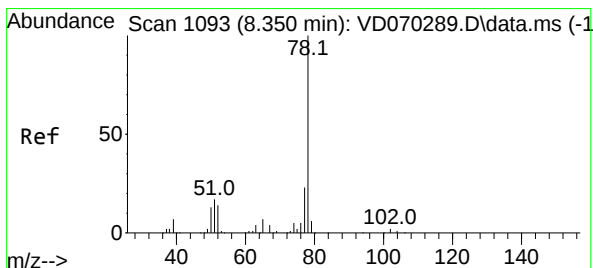
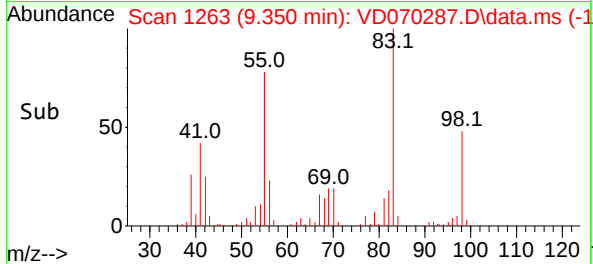
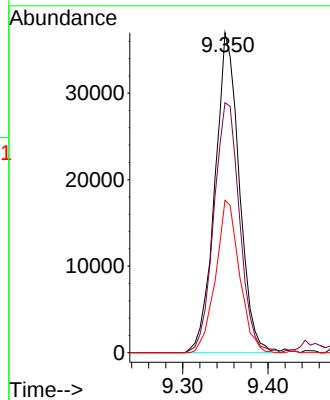
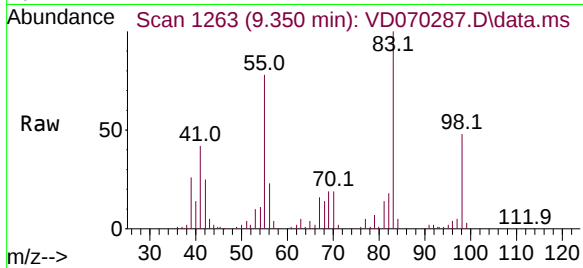




#39  
Methylcyclohexane  
Concen: 9.912 ug/l  
RT: 9.350 min Scan# 1263  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

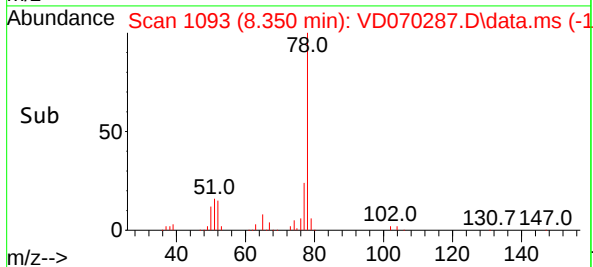
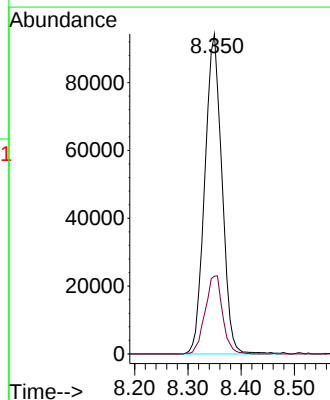
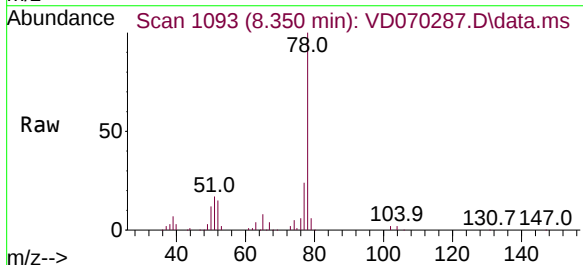
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

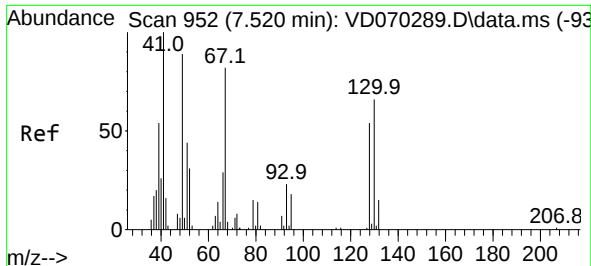
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 73307 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 78.1  | 58.5  | 87.7  |
| 98       | 47.6  | 38.4  | 57.6  |



#40  
Benzene  
Concen: 10.297 ug/l  
RT: 8.350 min Scan# 1093  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 210542 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.3  | 18.4  | 27.6   |

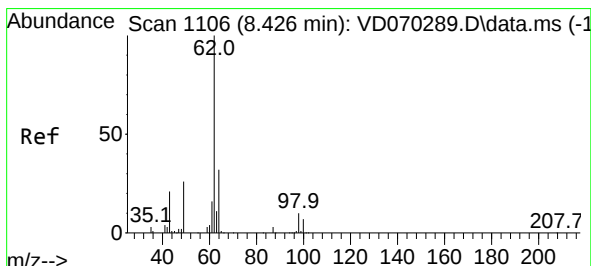
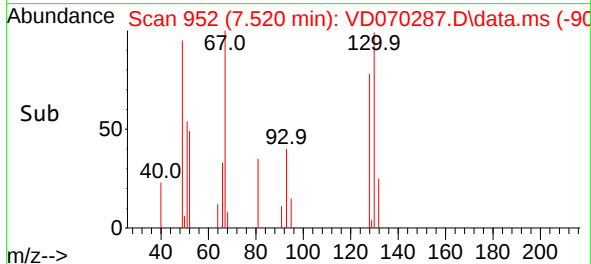
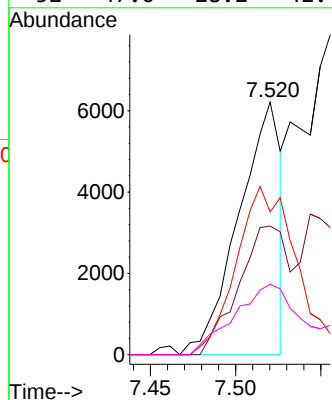
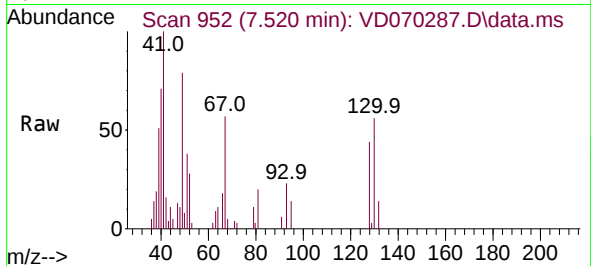




#41  
Methacrylonitrile  
Concen: 9.337 ug/l  
RT: 7.520 min Scan# 952  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

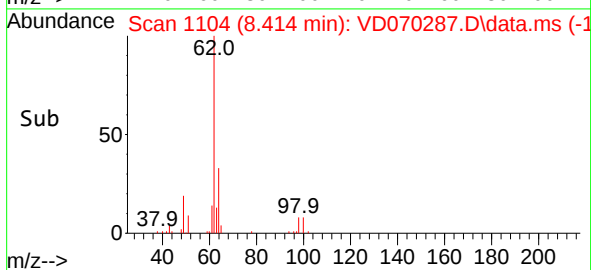
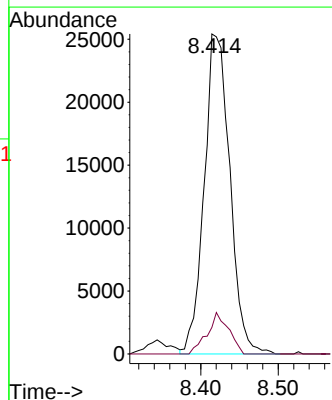
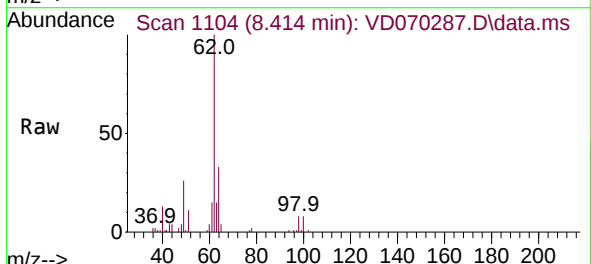
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

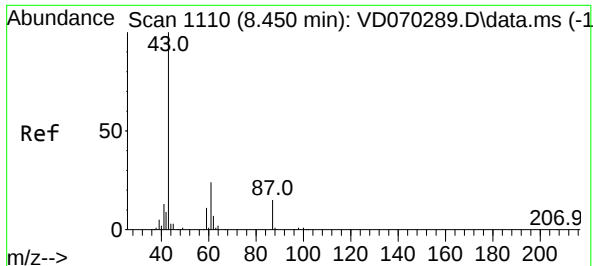
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 10688 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.3  | 45.7  | 68.5  |
| 67       | 93.3  | 74.0  | 111.0 |
| 52       | 47.0  | 28.2  | 42.4  |



#42  
1,2-Dichloroethane  
Concen: 10.453 ug/l  
RT: 8.414 min Scan# 1104  
Delta R.T. -0.012 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 58519 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.8  | 0.0   | 22.4  |



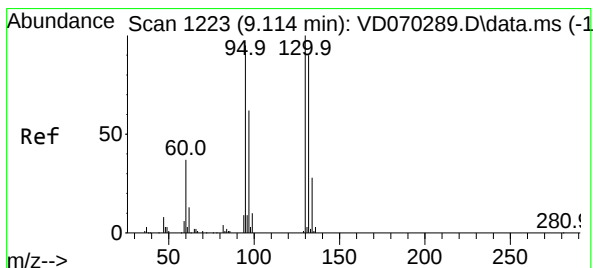
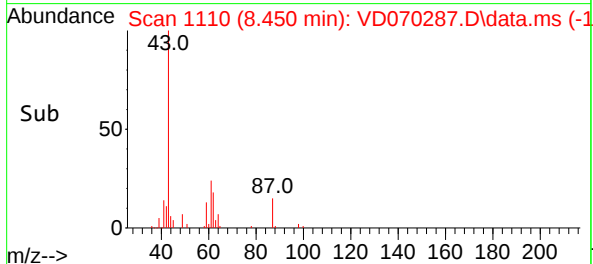
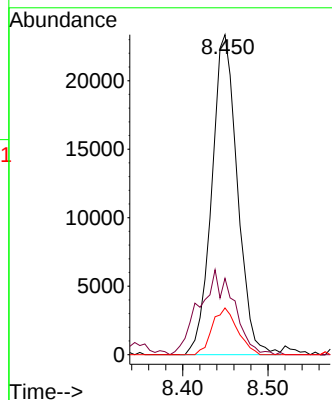
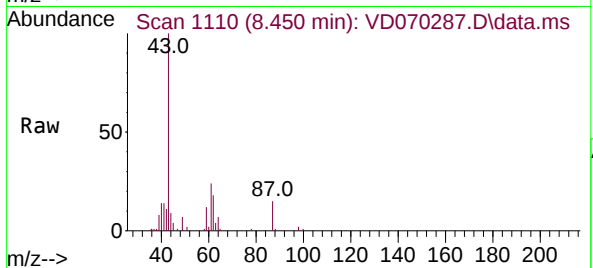


#43

Isopropyl Acetate  
Concen: 10.430 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

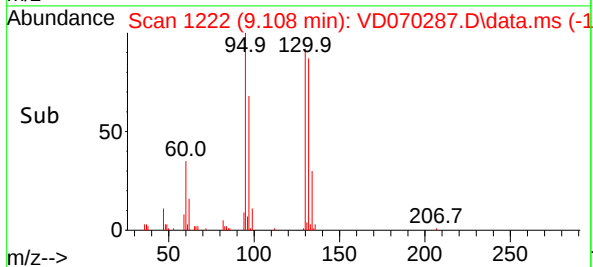
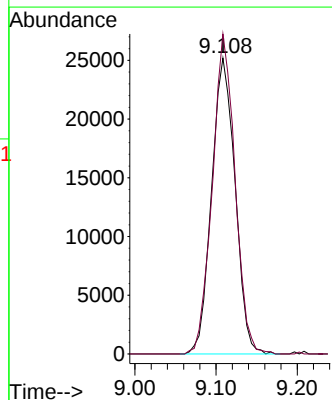
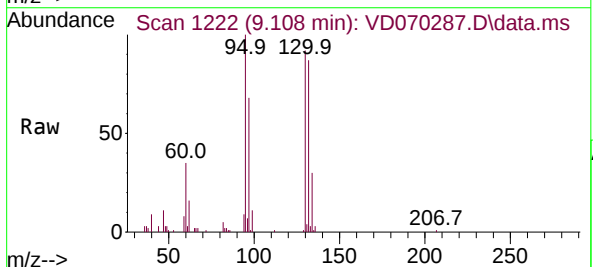
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 48774 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 36.0  | 29.0  | 43.6  |
| 87       | 14.3  | 12.8  | 19.2  |

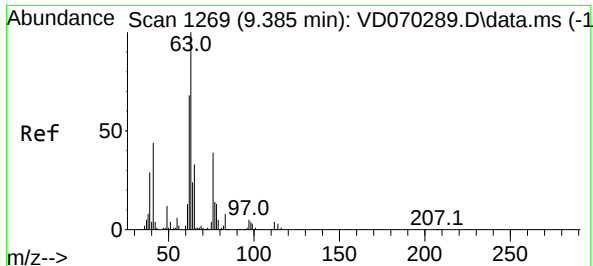


#44

Trichloroethene  
Concen: 10.244 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 50650 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 108.2 | 0.0   | 190.0 |



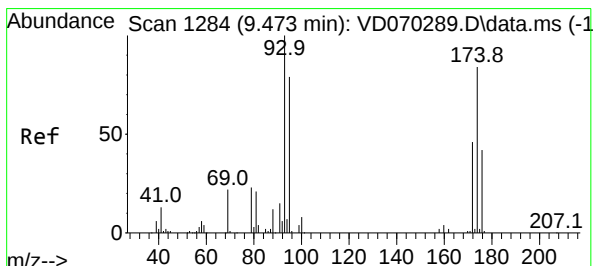
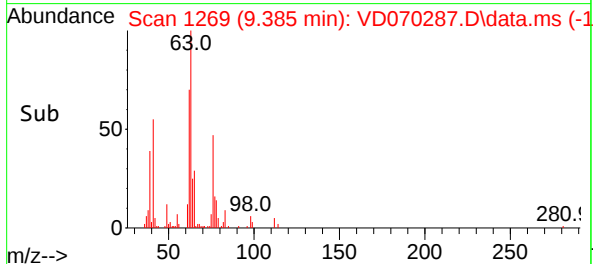
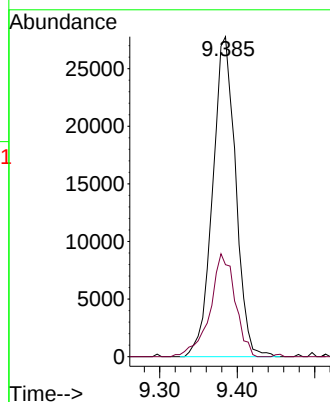
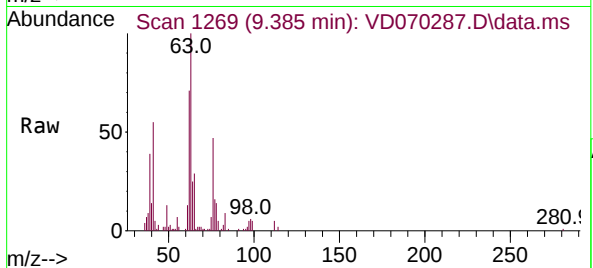


#45

1,2-Dichloropropane  
Concen: 10.596 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

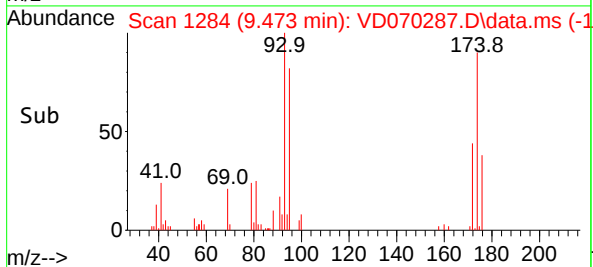
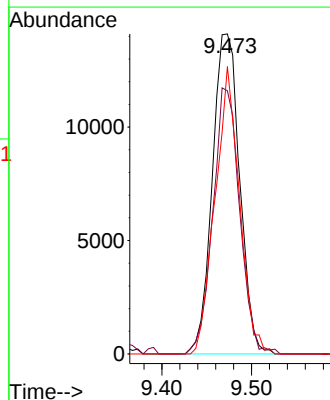
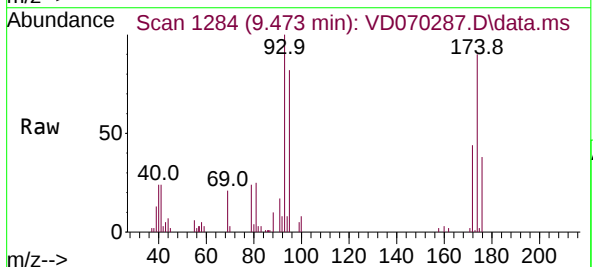
Tgt Ion: 63 Resp: 57249  
Ion Ratio Lower Upper  
63 100  
65 28.1 26.2 39.2

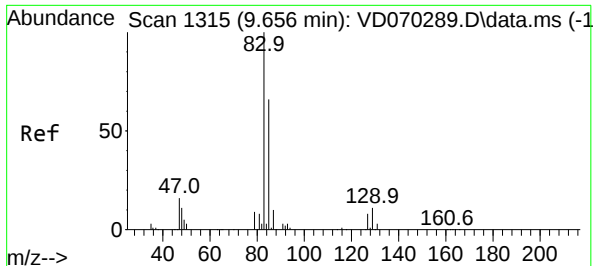


#46

Dibromomethane  
Concen: 10.790 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 93 Resp: 29827  
Ion Ratio Lower Upper  
93 100  
95 81.3 67.3 100.9  
174 80.2 69.2 103.8

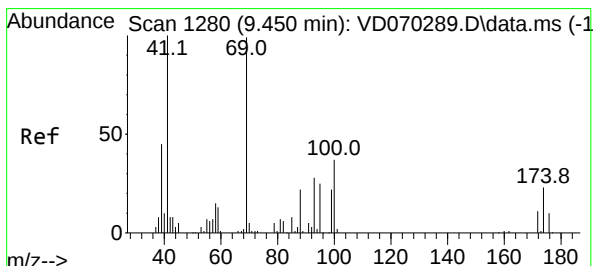
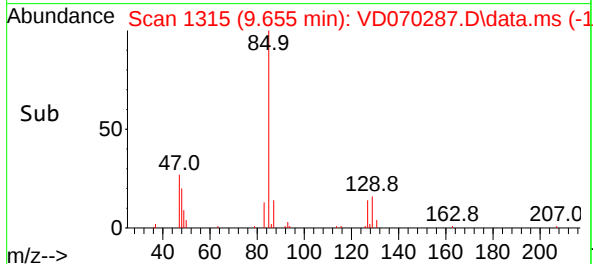
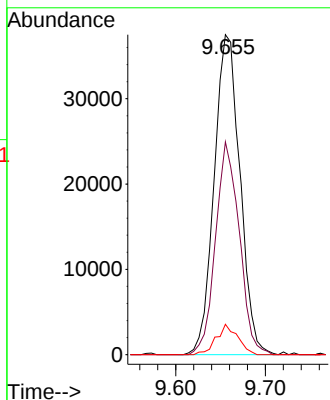
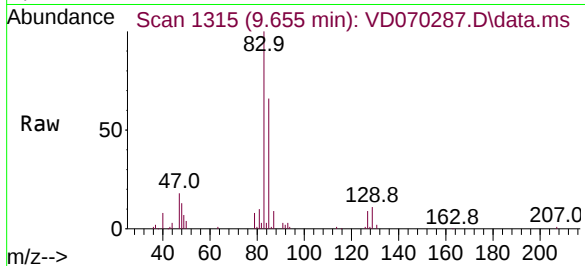




#47  
Bromodichloromethane  
Concen: 10.573 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

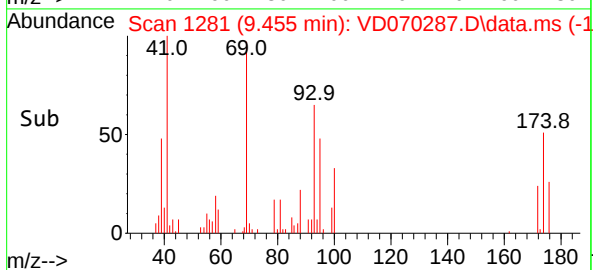
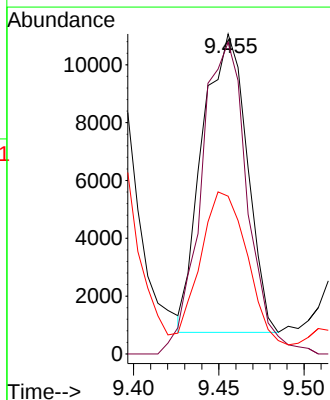
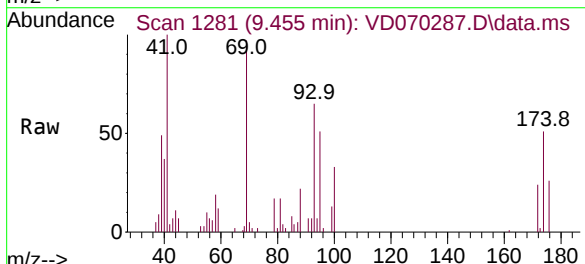
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

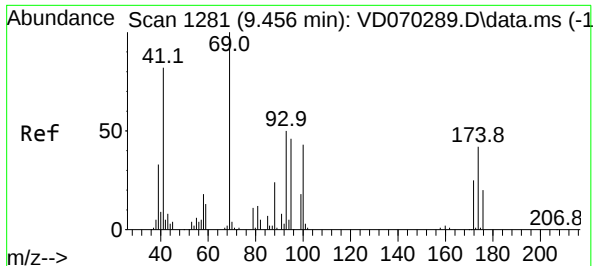
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 74946 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 66.5  | 53.0  | 79.6  |
| 127       | 9.5   | 6.3   | 9.5#  |



#48  
Methyl methacrylate  
Concen: 9.178 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. 0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 18785 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 108.8 | 79.8  | 119.8 |
| 39        | 53.8  | 34.4  | 51.6# |

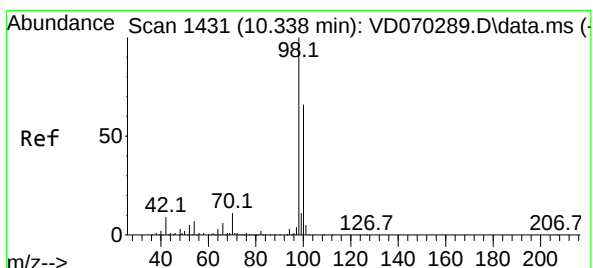
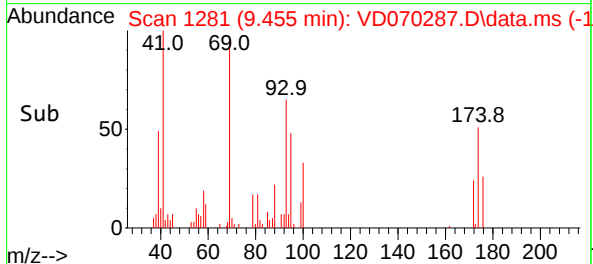
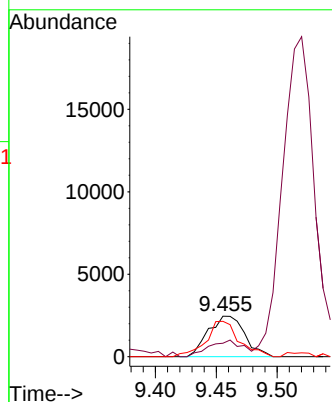
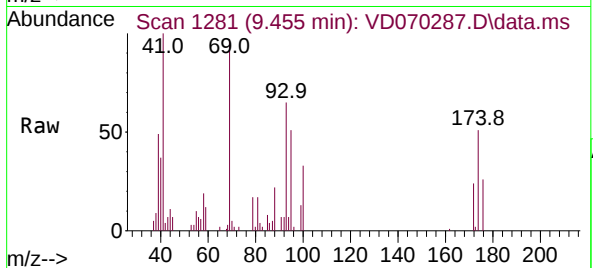




#49  
1,4-Dioxane  
Concen: 193.735 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

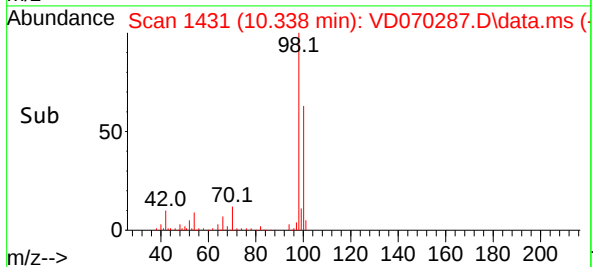
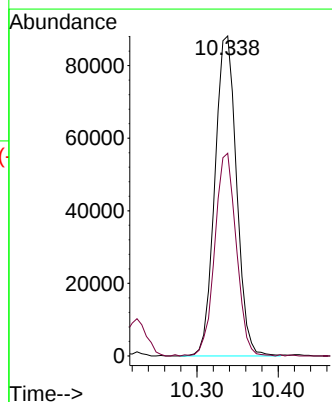
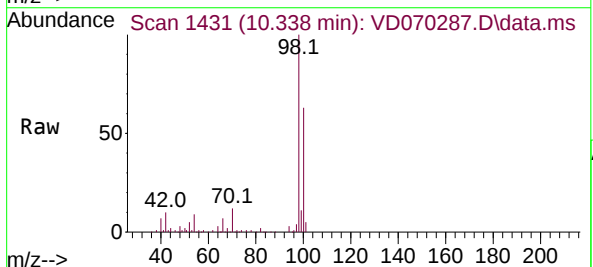
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

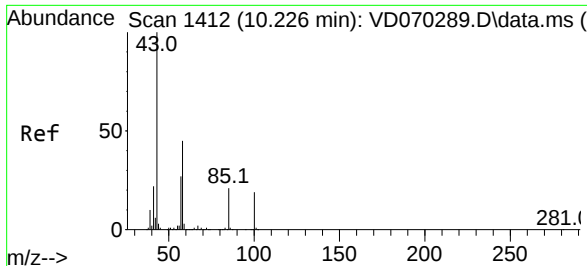
Tgt Ion: 88 Resp: 5123  
Ion Ratio Lower Upper  
88 100  
43 37.4 22.4 33.6#  
58 79.1 54.2 81.4



#50  
Toluene-d8  
Concen: 9.939 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 98 Resp: 163769  
Ion Ratio Lower Upper  
98 100  
100 62.8 52.0 78.0

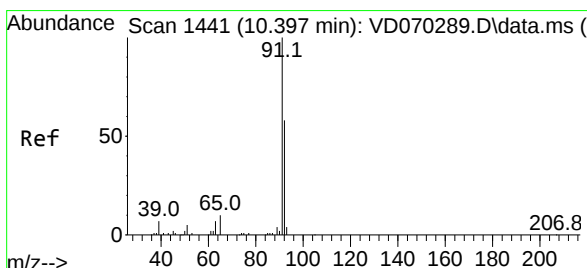
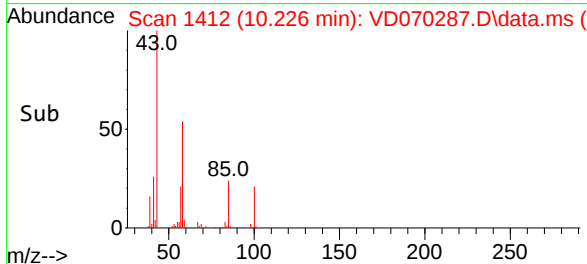
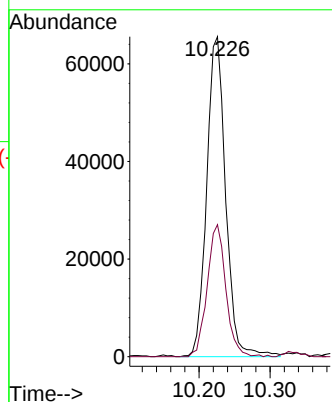
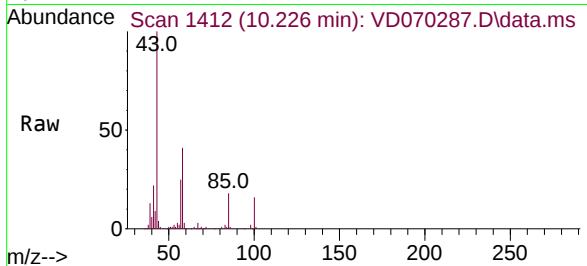




#51  
4-Methyl-2-Pentanone  
Concen: 51.439 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

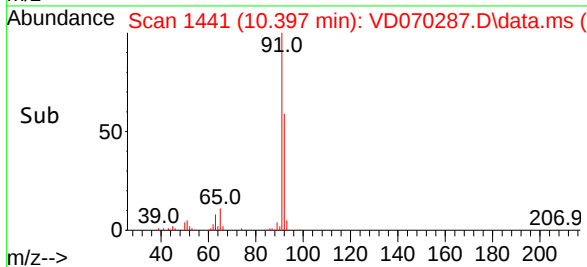
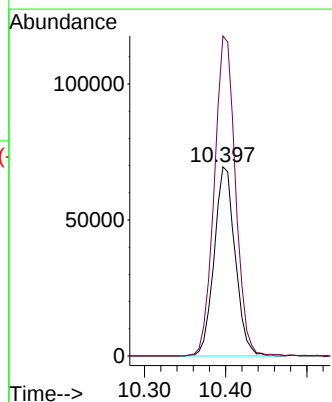
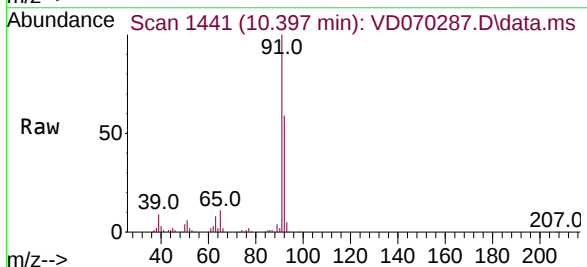
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

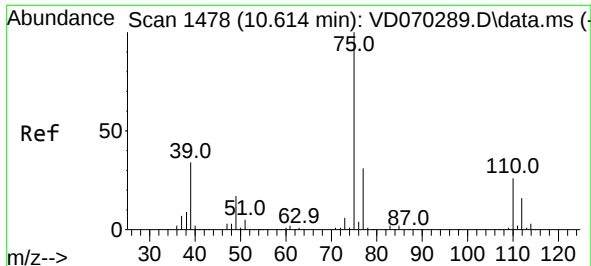
Tgt Ion: 43 Resp: 121819  
Ion Ratio Lower Upper  
43 100  
58 40.7 35.4 53.2



#52  
Toluene  
Concen: 10.260 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 92 Resp: 124599  
Ion Ratio Lower Upper  
92 100  
91 171.7 136.2 204.2

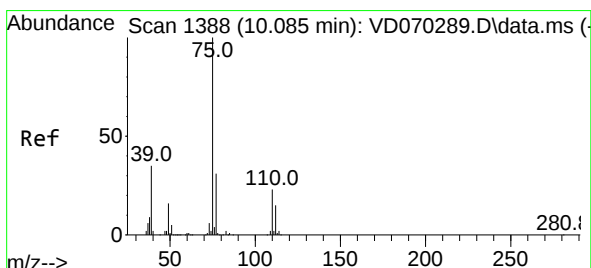
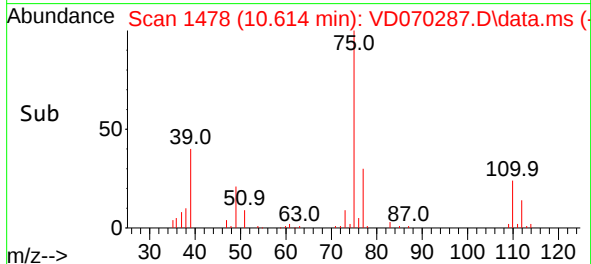
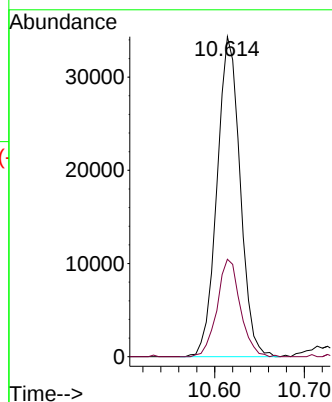
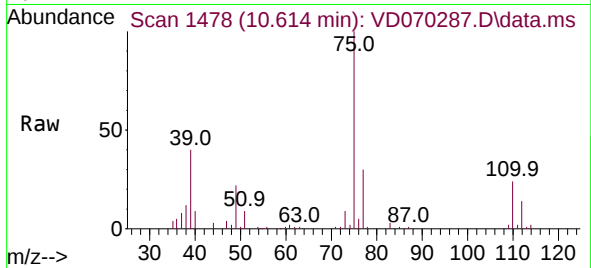




#53  
t-1,3-Dichloropropene  
Concen: 10.396 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

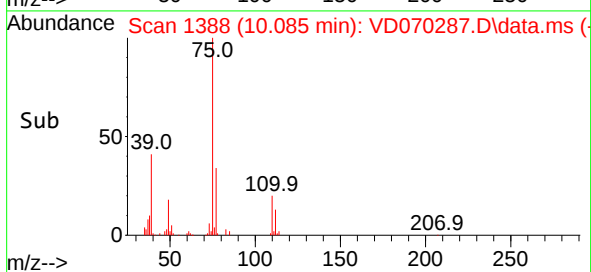
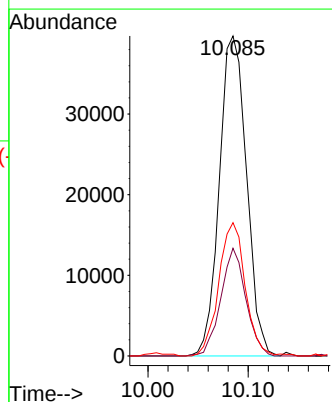
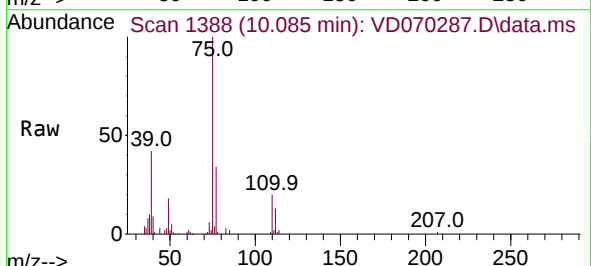
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

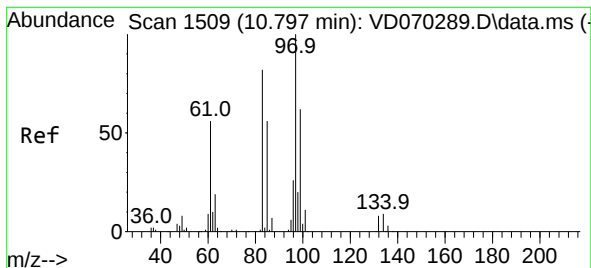
Tgt Ion: 75 Resp: 61379  
Ion Ratio Lower Upper  
75 100  
77 30.5 24.6 37.0



#54  
cis-1,3-Dichloropropene  
Concen: 10.489 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 75 Resp: 74803  
Ion Ratio Lower Upper  
75 100  
77 33.7 24.8 37.2  
39 41.7 27.8 41.6#

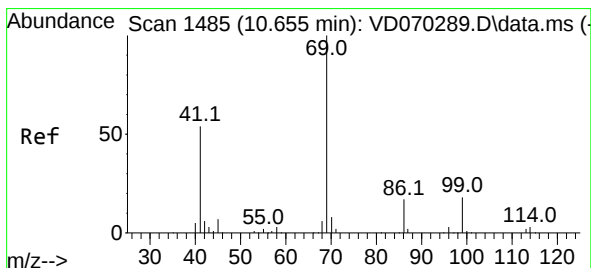
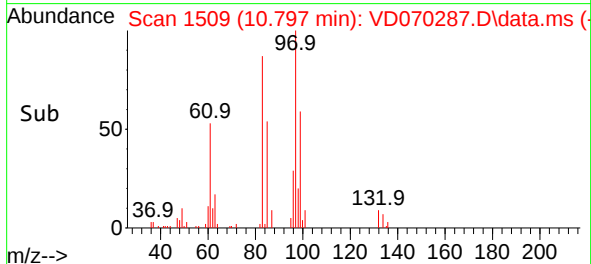
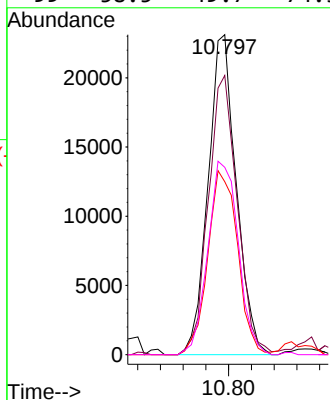
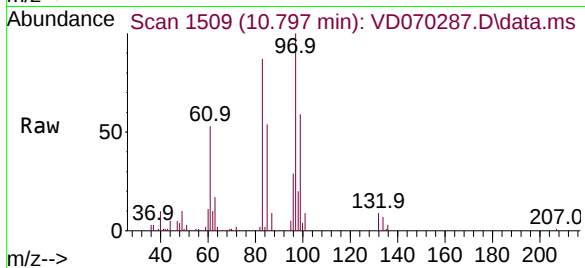




#55  
1,1,2-Trichloroethane  
Concen: 10.395 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

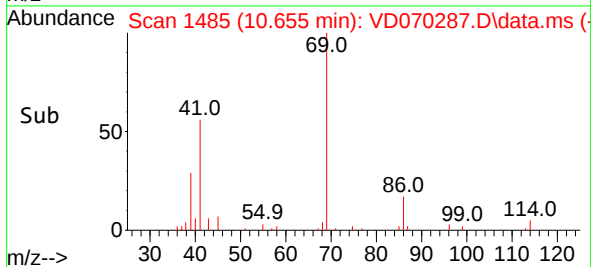
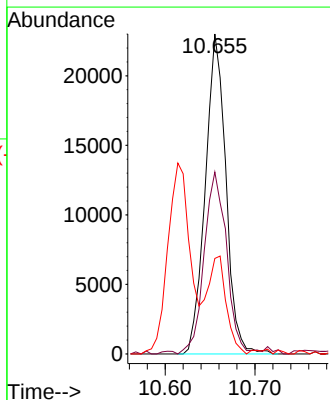
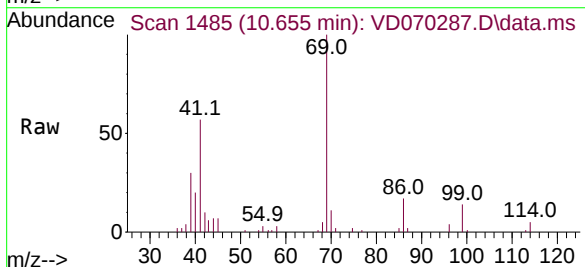
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

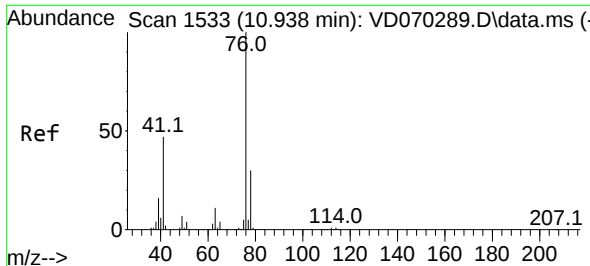
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 39766 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.3  | 65.3  | 97.9  |
| 85       | 54.1  | 44.8  | 67.2  |
| 99       | 58.5  | 49.7  | 74.5  |



#56  
Ethyl methacrylate  
Concen: 9.857 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 36700 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 61.6  | 43.6  | 65.4  |
| 39       | 28.7  | 18.6  | 28.0# |

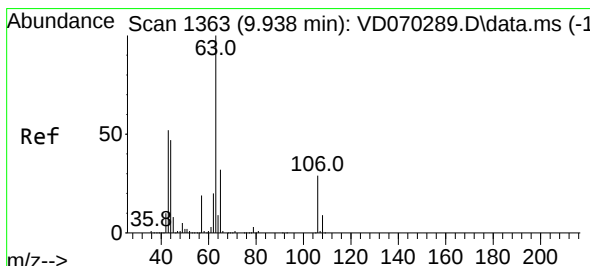
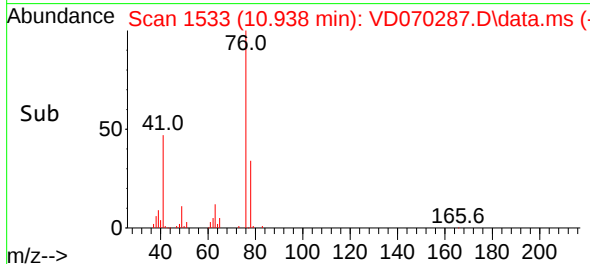
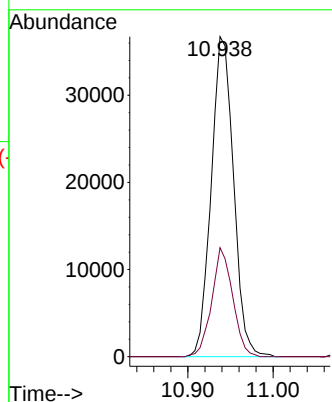
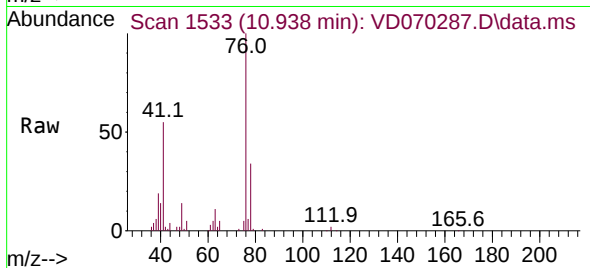




#57  
1,3-Dichloropropane  
Concen: 10.401 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

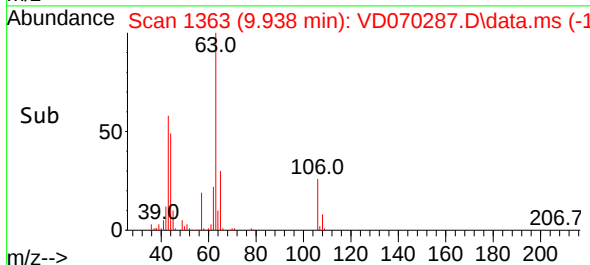
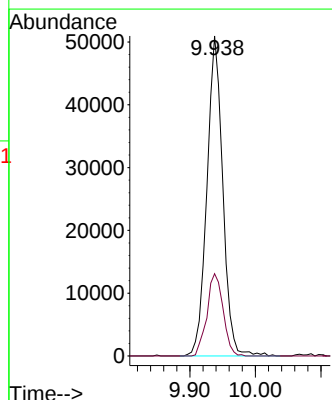
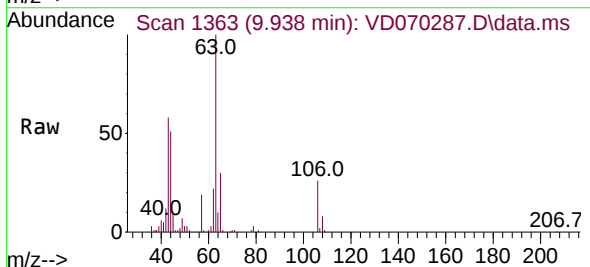
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

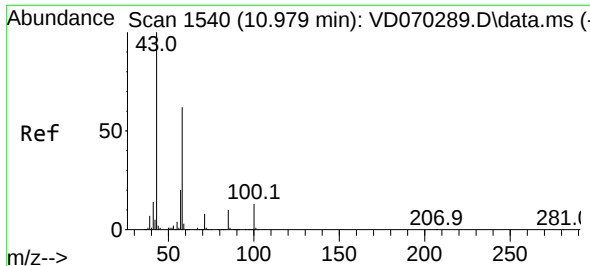
Tgt Ion: 76 Resp: 66858  
Ion Ratio Lower Upper  
76 100  
78 31.9 25.8 38.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 47.523 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 63 Resp: 85887  
Ion Ratio Lower Upper  
63 100  
106 26.2 22.3 33.5

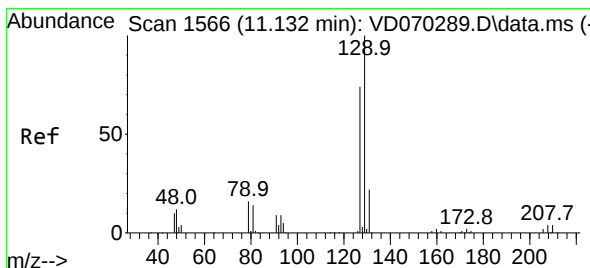
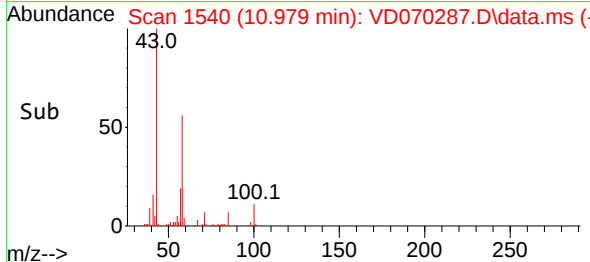
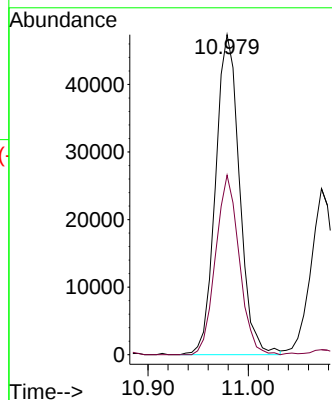
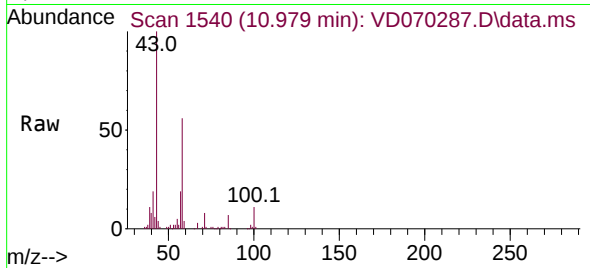




#59  
2-Hexanone  
Concen: 51.026 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

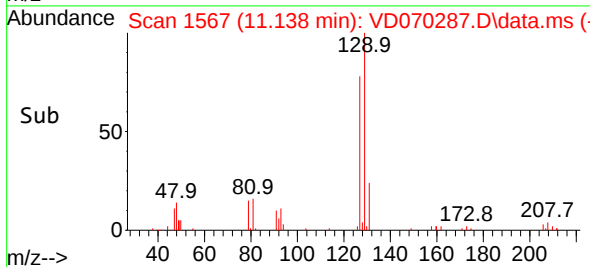
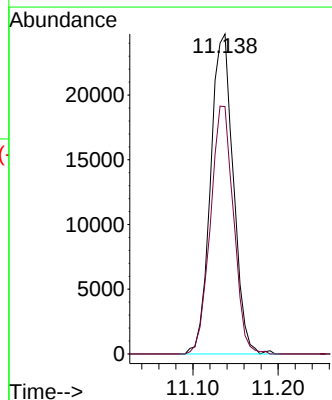
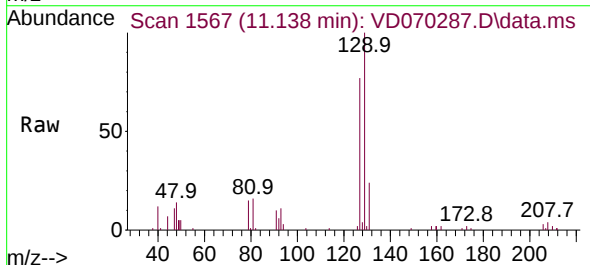
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

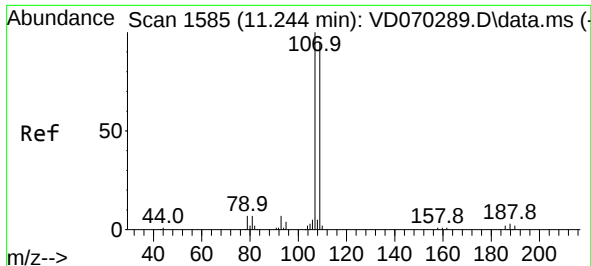
Tgt Ion: 43 Resp: 78707  
Ion Ratio Lower Upper  
43 100  
58 55.2 30.6 91.6



#60  
Dibromochloromethane  
Concen: 10.282 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 129 Resp: 45851  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.0 114.0

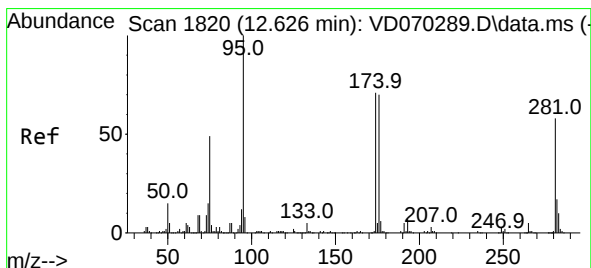
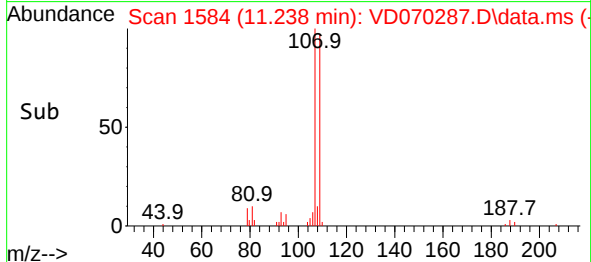
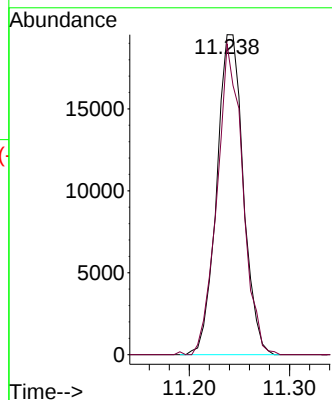
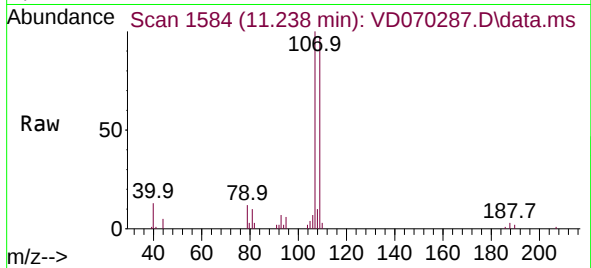




#61  
1,2-Dibromoethane  
Concen: 10.169 ug/l  
RT: 11.238 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

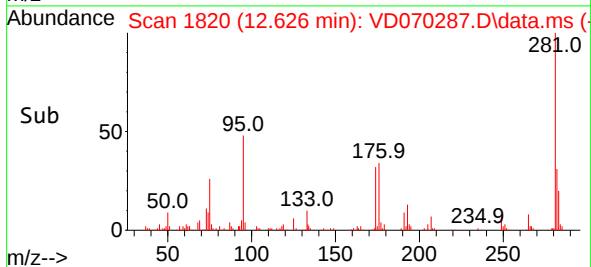
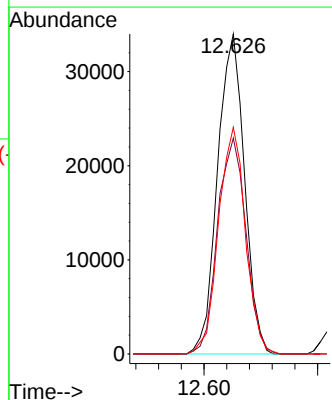
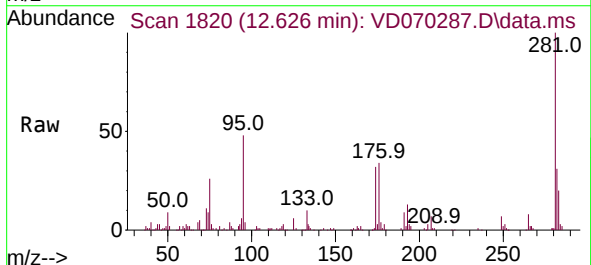
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

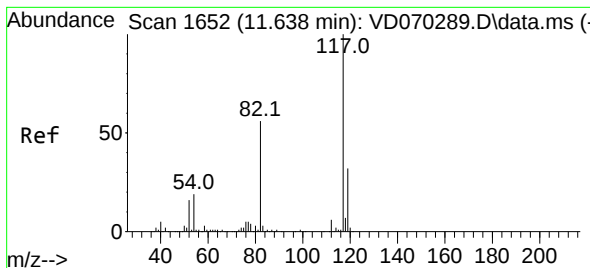
Tgt Ion:107 Resp: 35915  
Ion Ratio Lower Upper  
107 100  
109 93.8 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 9.918 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 95 Resp: 55899  
Ion Ratio Lower Upper  
95 100  
174 70.9 0.0 140.6  
176 70.6 0.0 137.4

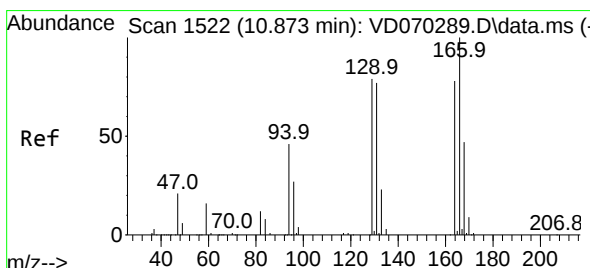
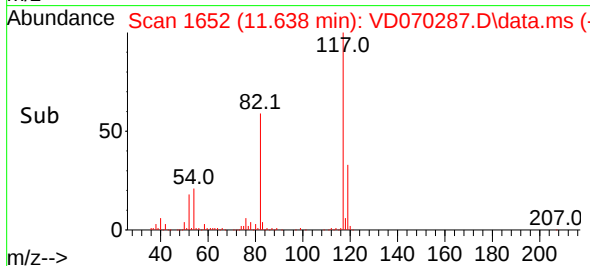
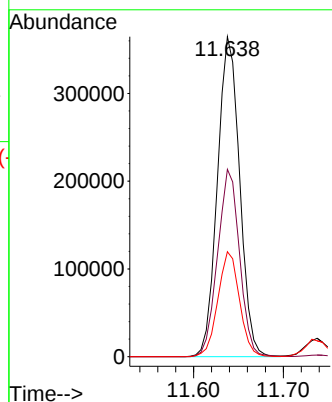
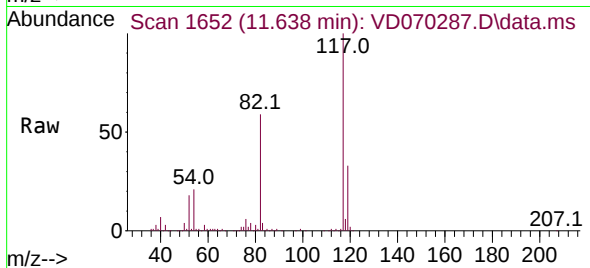




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

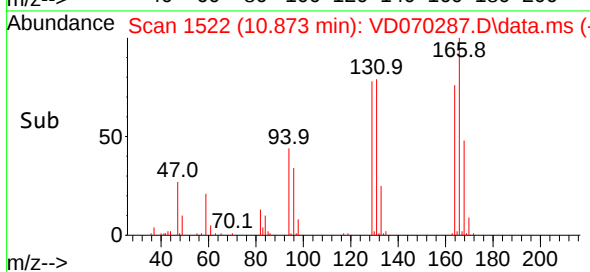
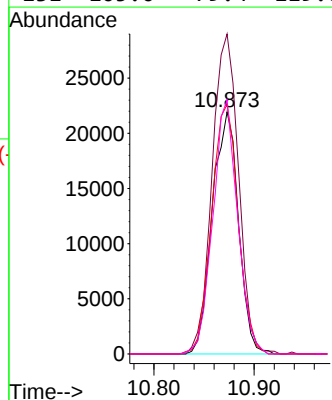
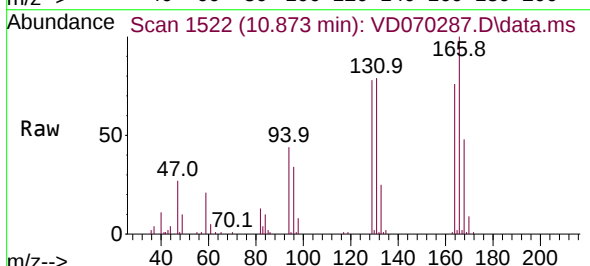
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

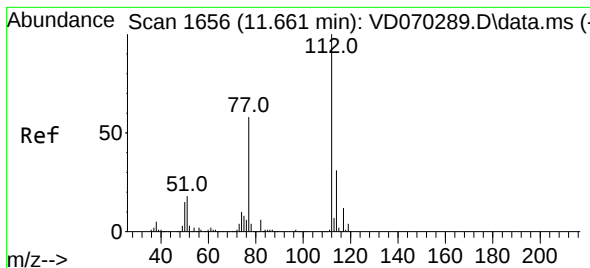
Tgt Ion:117 Resp: 627129  
Ion Ratio Lower Upper  
117 100  
82 58.6 45.0 67.4  
119 32.8 25.2 37.8



#64  
Tetrachloroethene  
Concen: 10.166 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion:164 Resp: 39688  
Ion Ratio Lower Upper  
164 100  
166 132.1 102.4 153.6  
129 103.1 80.9 121.3  
131 105.0 79.4 119.0

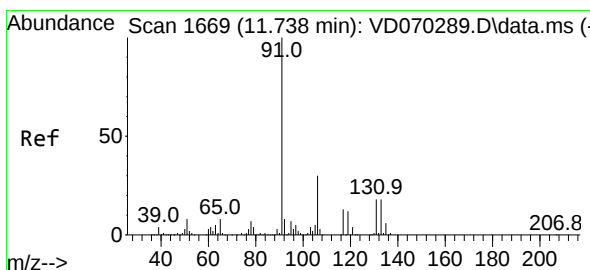
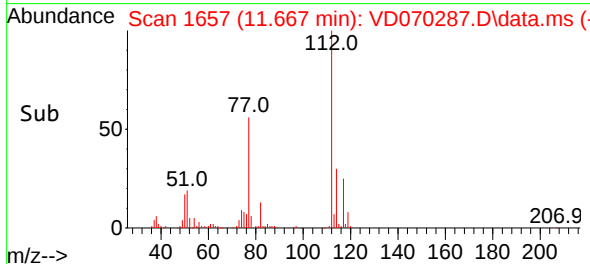
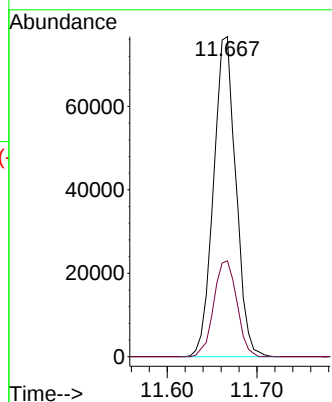
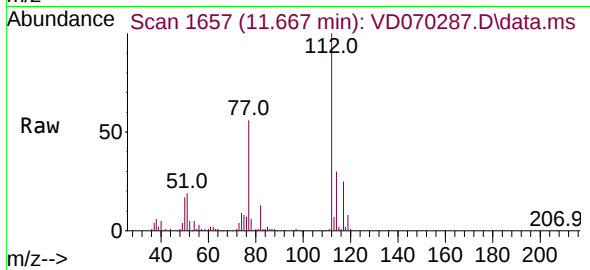




#65  
Chlorobenzene  
Concen: 10.117 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

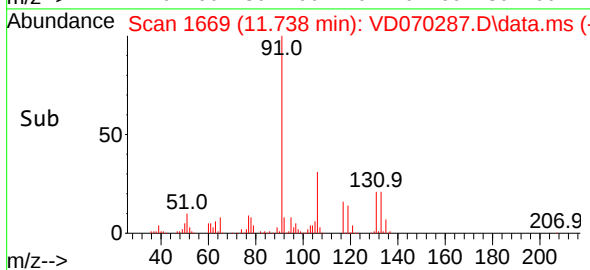
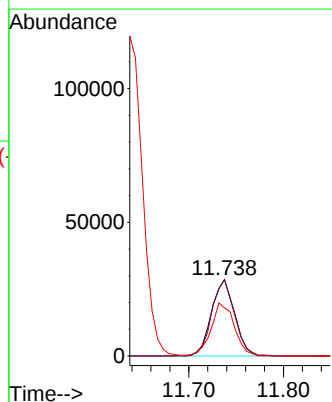
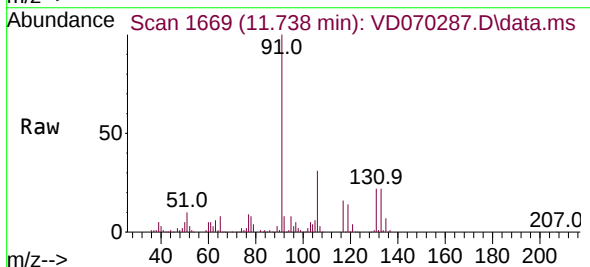
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

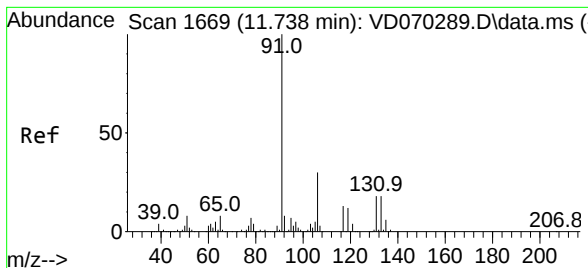
Tgt Ion:112 Resp: 132702  
Ion Ratio Lower Upper  
112 100  
114 30.0 24.7 37.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 10.000 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion:131 Resp: 48528  
Ion Ratio Lower Upper  
131 100  
133 97.9 48.4 145.2  
119 69.6 33.5 100.5

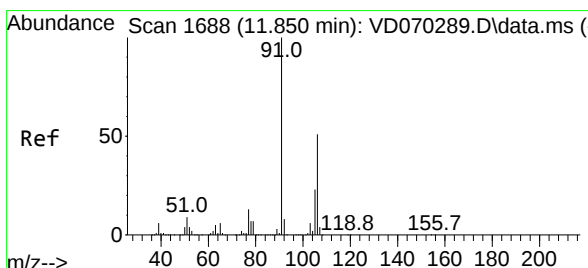
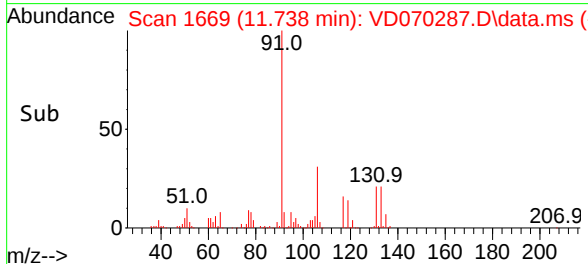
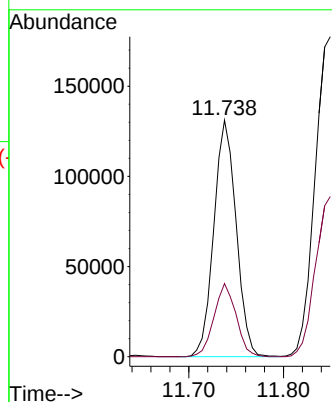
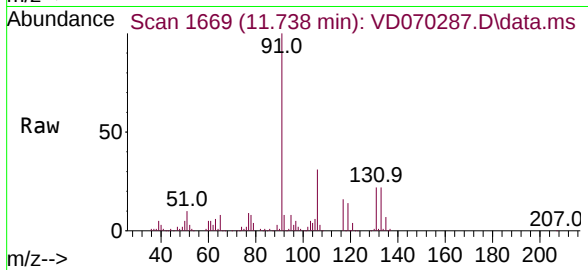




#67  
Ethyl Benzene  
Concen: 9.878 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

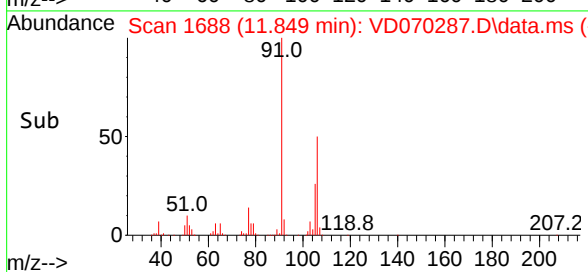
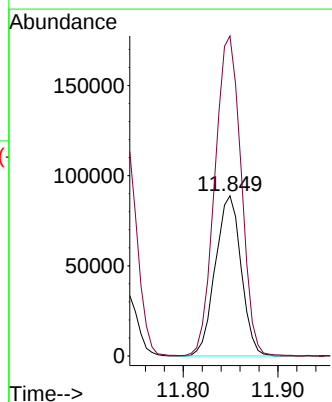
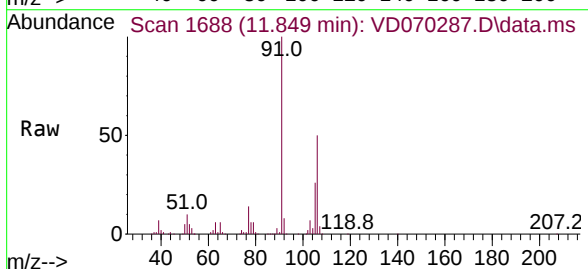
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

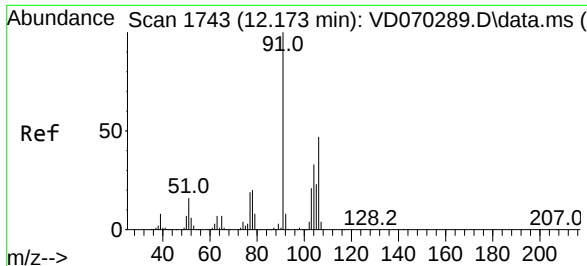
Tgt Ion: 91 Resp: 214905  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.2 36.2



#68  
m/p-Xylenes  
Concen: 19.965 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 106 Resp: 168238  
Ion Ratio Lower Upper  
106 100  
91 203.8 161.2 241.8

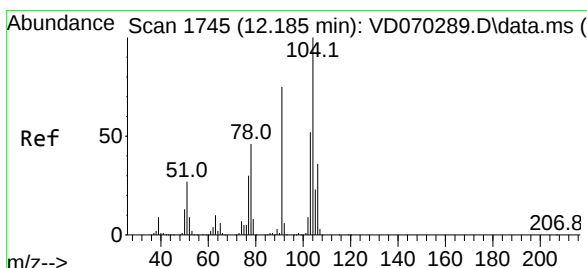
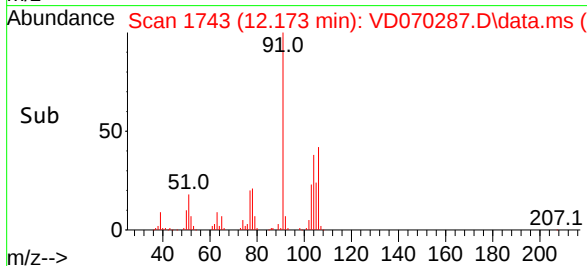
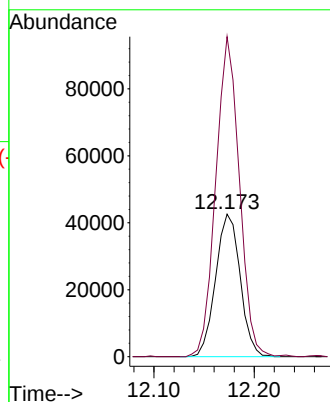
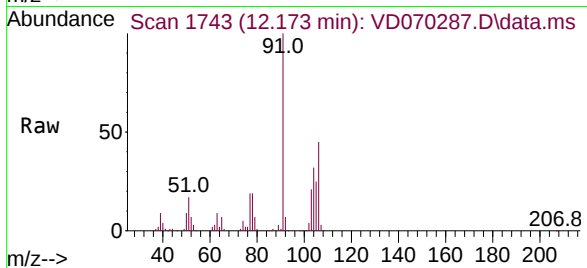




#69  
o-Xylene  
Concen: 9.645 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

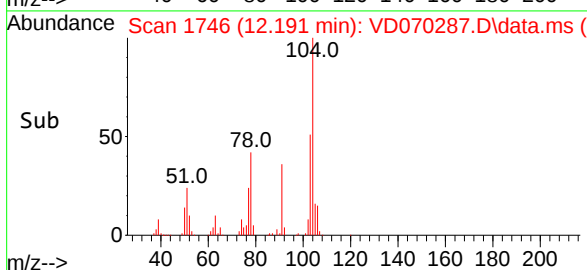
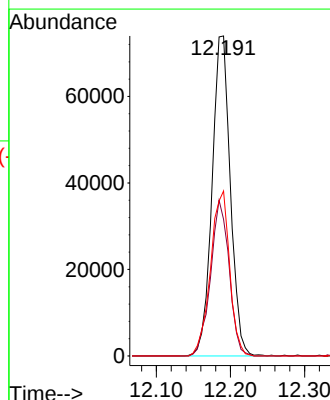
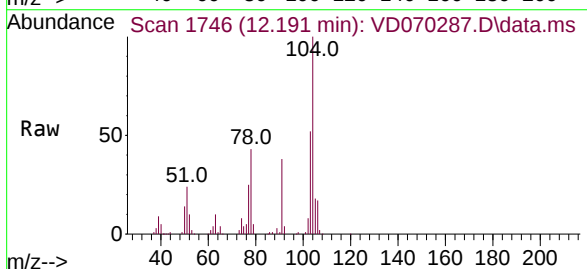
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

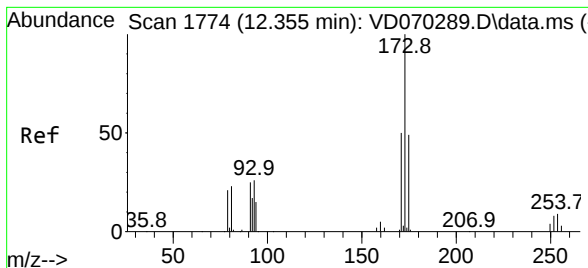
Tgt Ion:106 Resp: 72286  
Ion Ratio Lower Upper  
106 100  
91 216.4 106.3 318.9



#70  
Styrene  
Concen: 9.735 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion:104 Resp: 126900  
Ion Ratio Lower Upper  
104 100  
78 49.1 38.6 57.8  
103 53.7 43.4 65.0

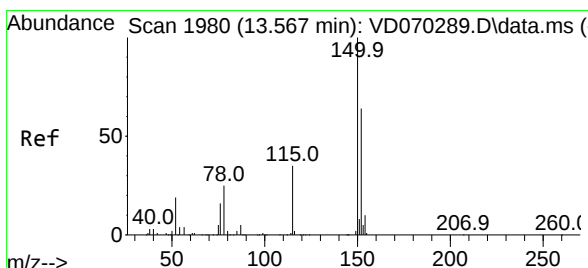
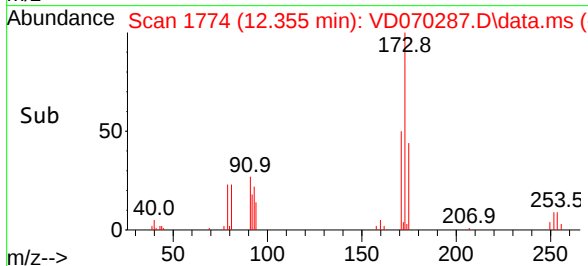
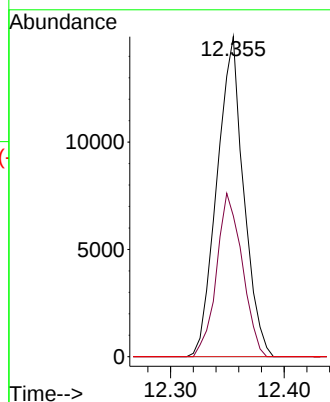
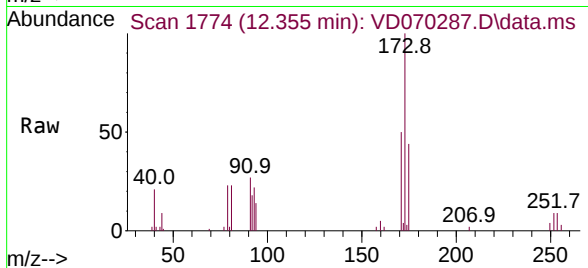




#71  
Bromoform  
Concen: 10.283 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

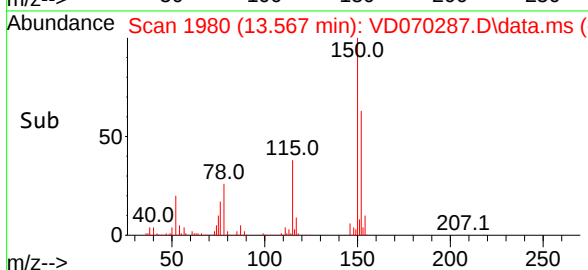
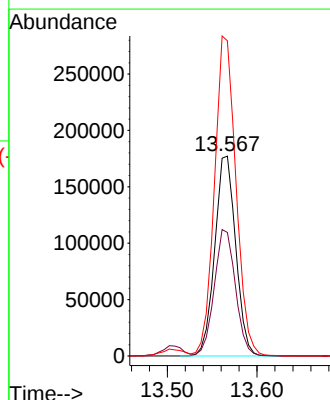
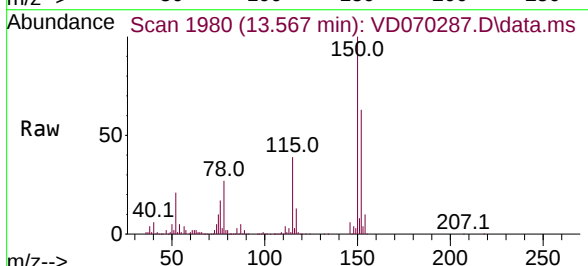
Instrument :  
MSVOA\_D  
ClientSampleId :  
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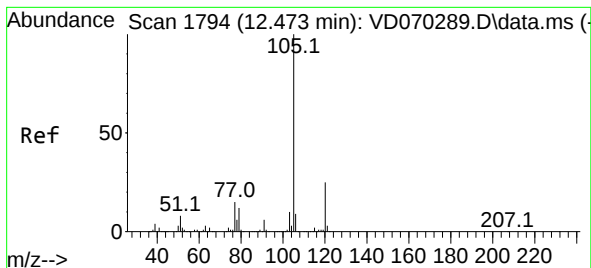
Tgt Ion:173 Resp: 24344  
Ion Ratio Lower Upper  
173 100  
175 49.2 25.1 75.2  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion:152 Resp: 287550  
Ion Ratio Lower Upper  
152 100  
115 63.9 32.1 96.3  
150 163.9 0.0 350.6

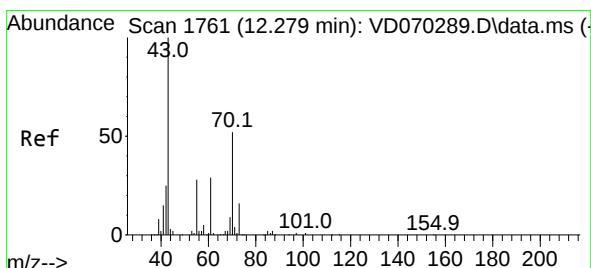
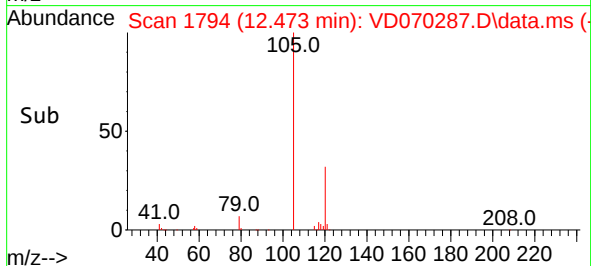
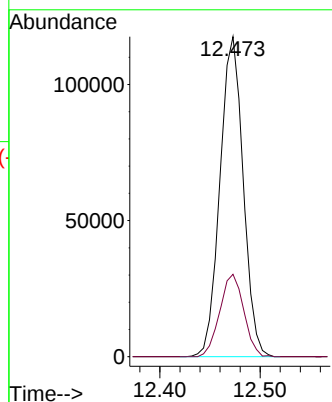
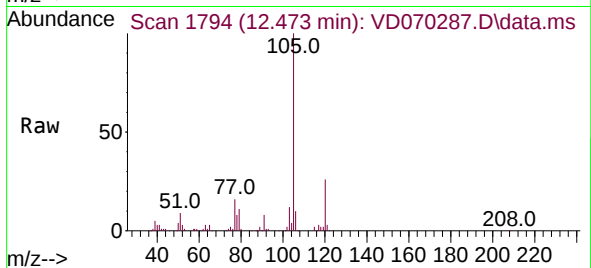




#73  
Isopropylbenzene  
Concen: 9.781 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

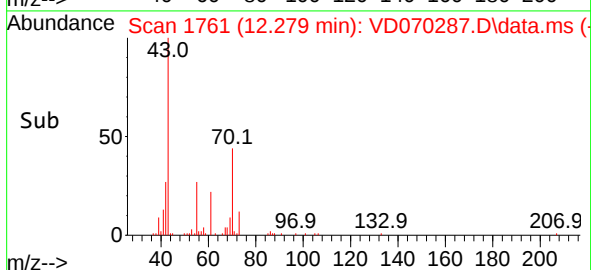
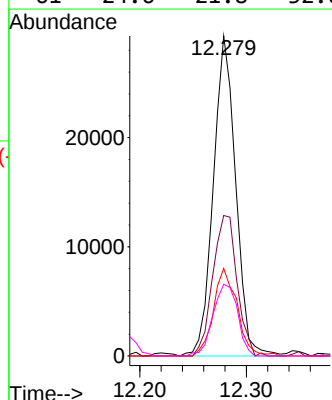
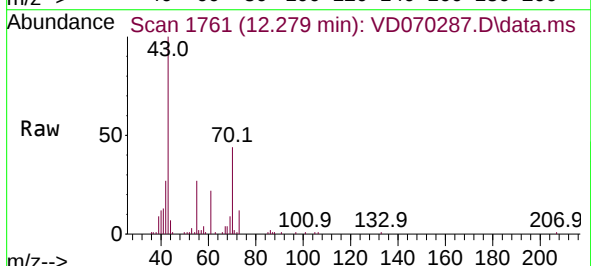
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

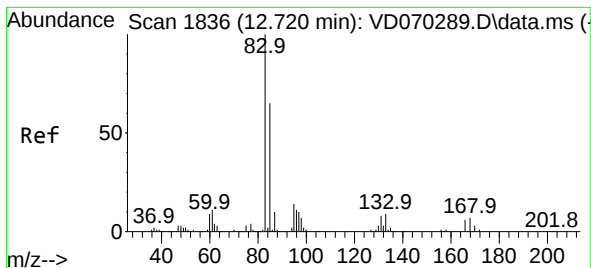
Tgt Ion:105 Resp: 188687  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.0 38.9



#74  
N-ethyl acetate  
Concen: 10.280 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 43 Resp: 42727  
Ion Ratio Lower Upper  
43 100  
70 47.7 41.4 62.0  
55 29.0 22.8 34.2  
61 24.6 21.8 32.6

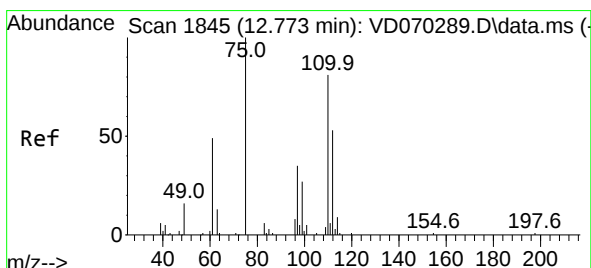
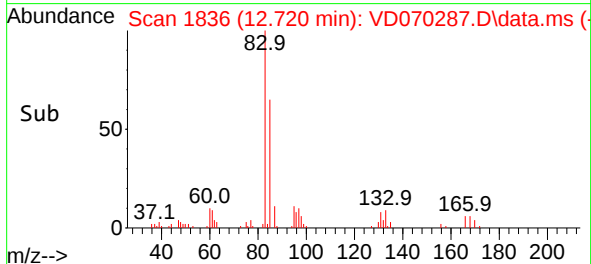
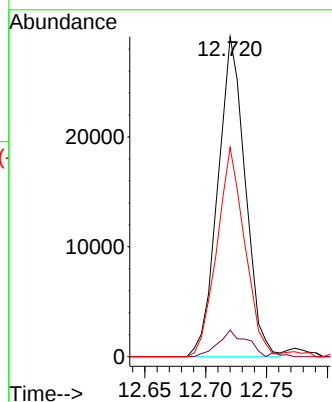
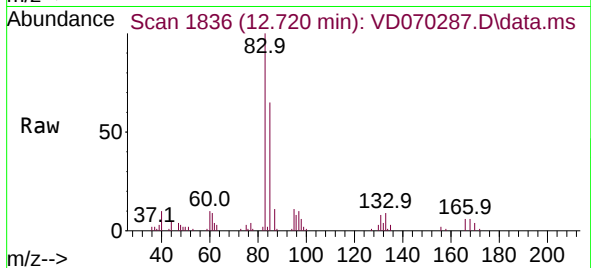




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 10.327 ug/l  
 RT: 12.720 min Scan# 1836  
 Delta R.T. -0.000 min  
 Lab File: VD070287.D  
 Acq: 08 Sep 2021 10:20

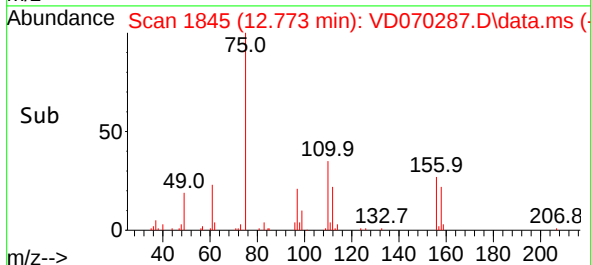
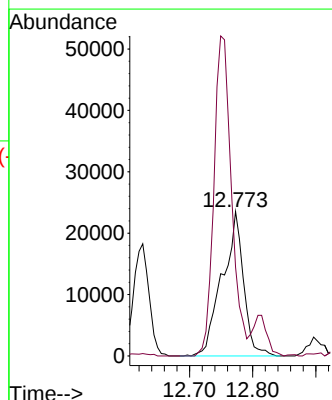
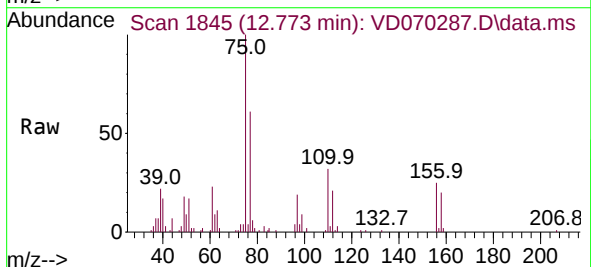
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

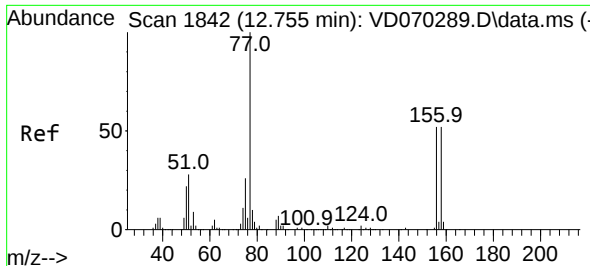
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 45651 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 8.5   | 4.8   | 14.4  |
| 85       | 66.6  | 32.1  | 96.3  |



#76  
 1,2,3-Trichloropropane  
 Concen: 23.404 ug/l  
 RT: 12.773 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: VD070287.D  
 Acq: 08 Sep 2021 10:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 55295  |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 0.0   | 174.9 | 524.7# |

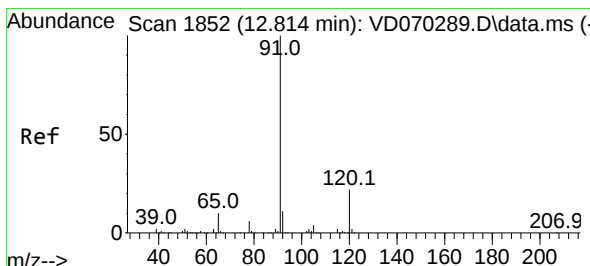
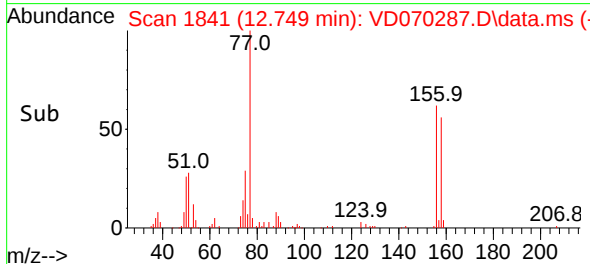
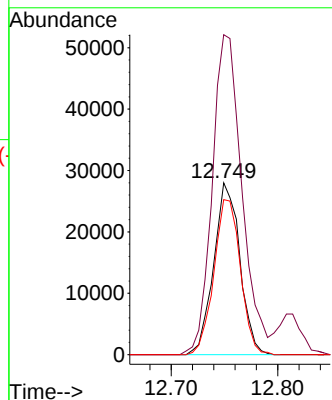
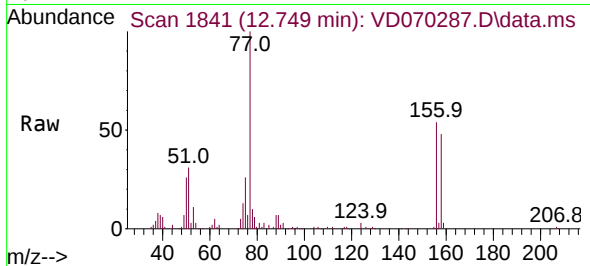




#77  
Bromobenzene  
Concen: 10.265 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

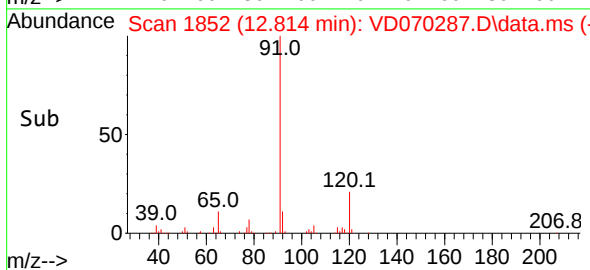
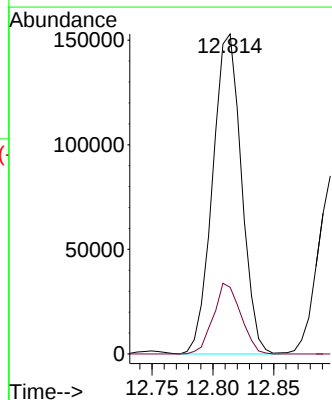
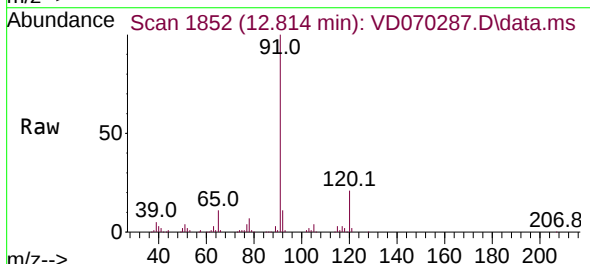
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

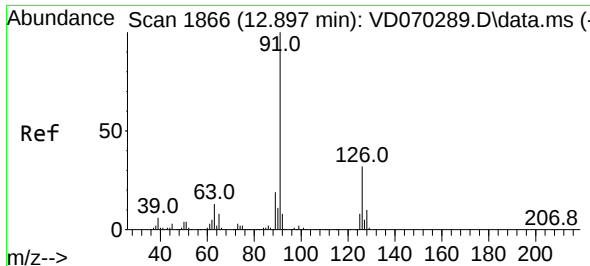
Tgt Ion:156 Resp: 47619  
Ion Ratio Lower Upper  
156 100  
77 211.5 104.3 312.8  
158 91.5 49.4 148.0



#78  
n-propylbenzene  
Concen: 9.939 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 91 Resp: 252086  
Ion Ratio Lower Upper  
91 100  
120 20.9 11.0 33.0

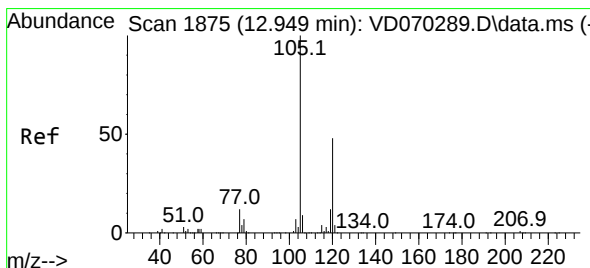
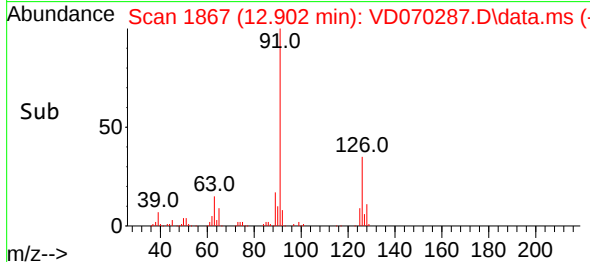
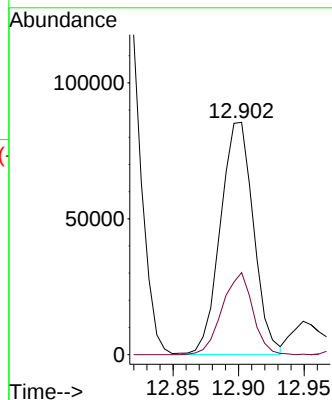
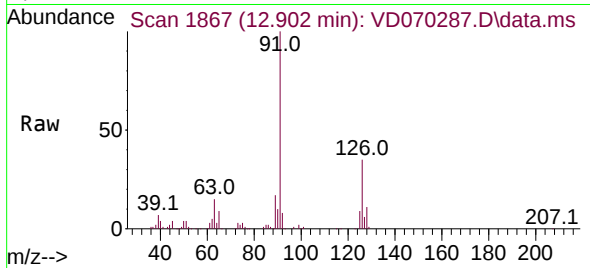




#79  
2-Chlorotoluene  
Concen: 10.072 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

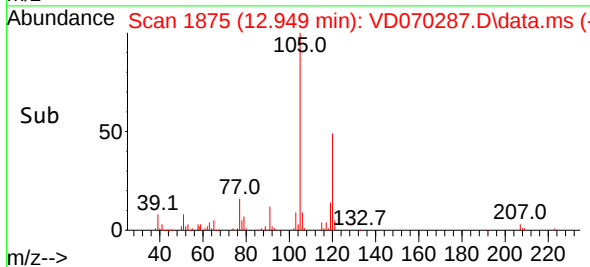
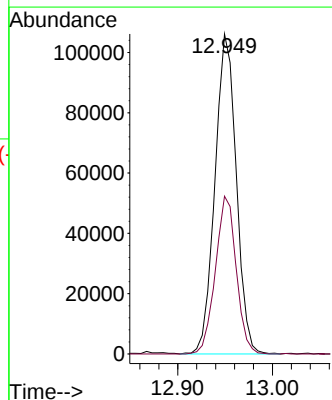
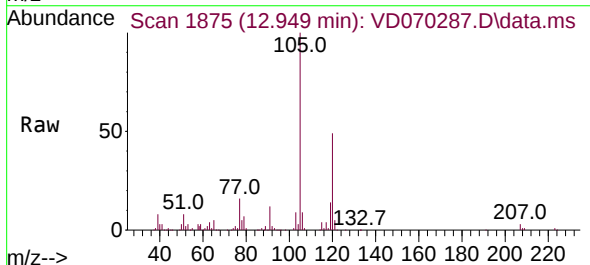
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

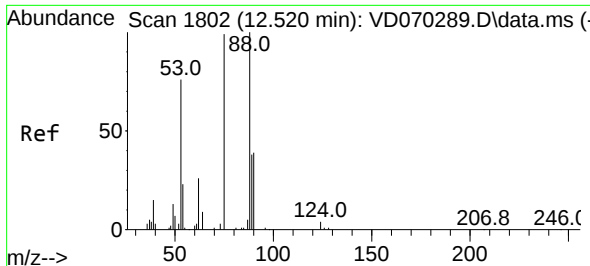
Tgt Ion: 91 Resp: 149989  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 9.854 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 105 Resp: 166247  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.1 72.2

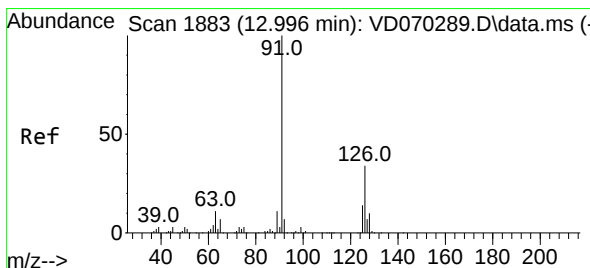
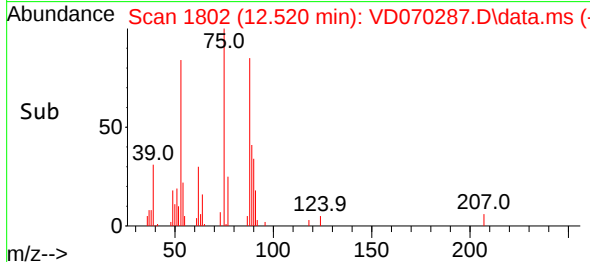
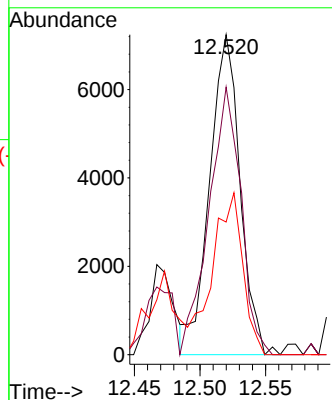
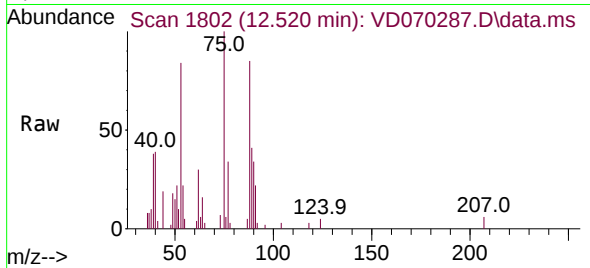




#81  
trans-1,4-Dichloro-2-butene  
Concen: 10.181 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

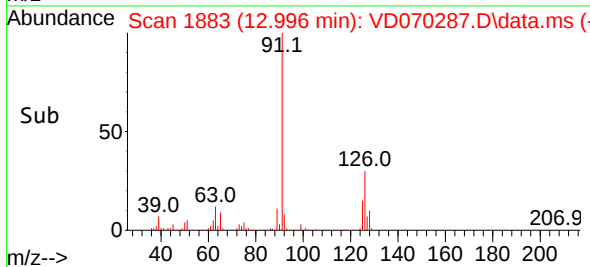
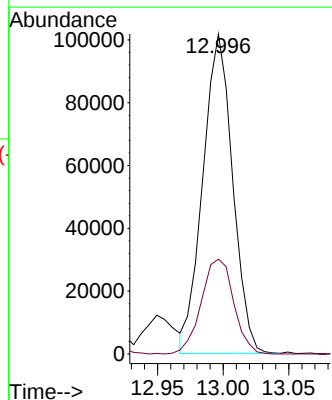
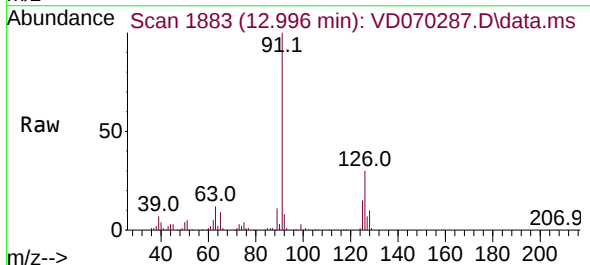
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

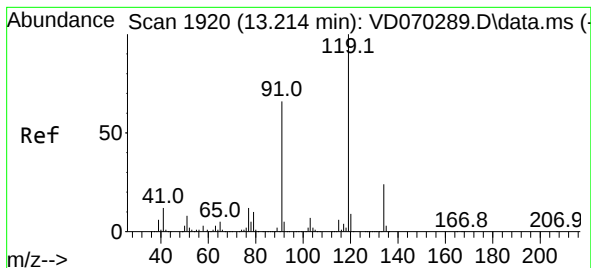
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 11704 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 87.9  | 64.2  | 96.2  |
| 89       | 50.4  | 35.6  | 53.4  |



#82  
4-Chlorotoluene  
Concen: 10.064 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 160767 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 32.3  | 16.2  | 48.5   |

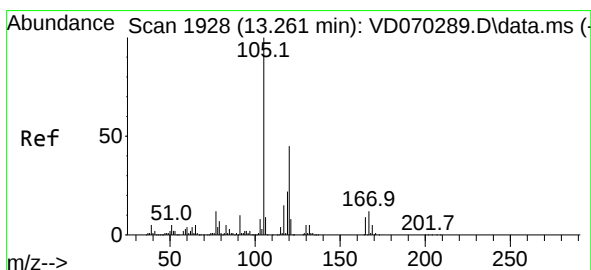
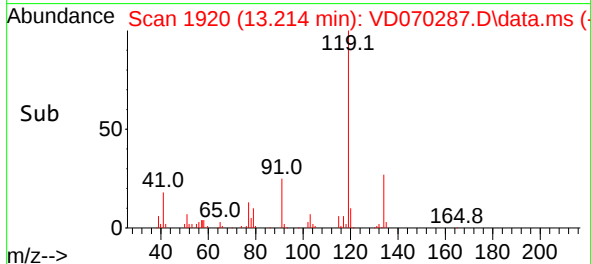
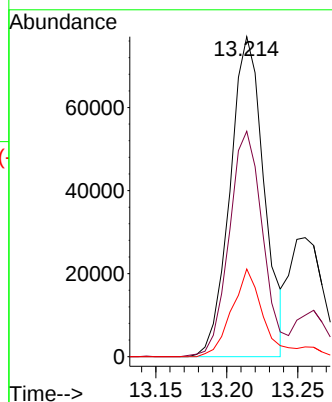
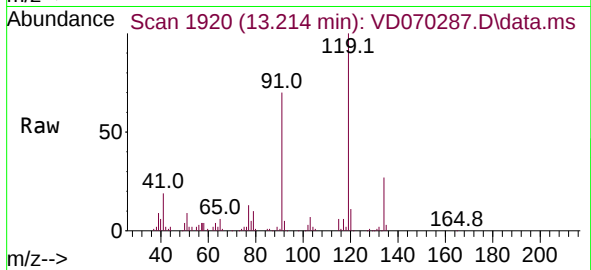




#83  
tert-Butylbenzene  
Concen: 9.618 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

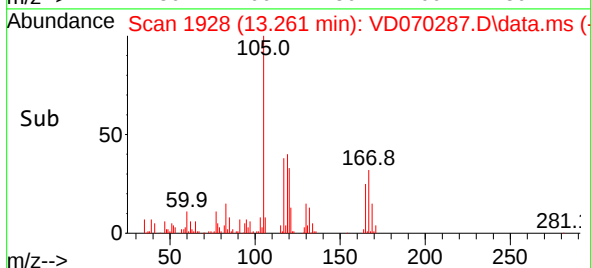
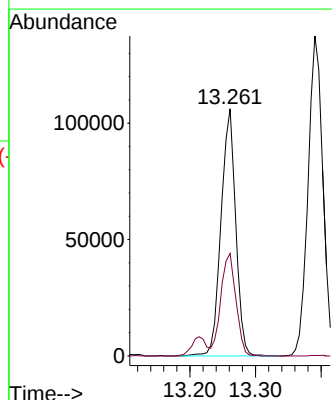
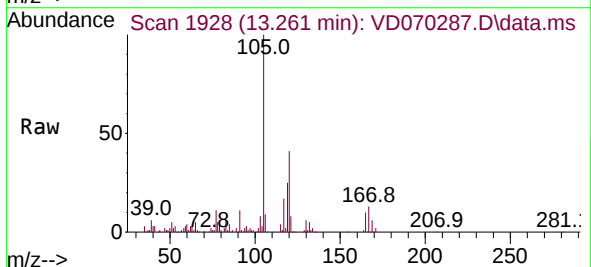
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MSVOA\_D  
ClientSampleId :  
VSTDIC010

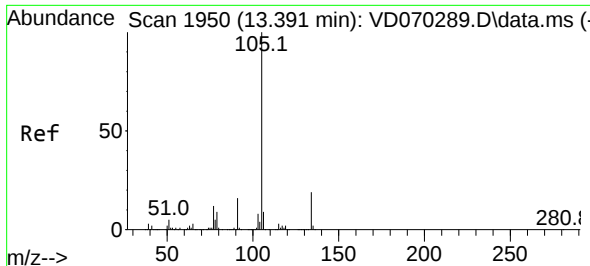
Tgt Ion:119 Resp: 128637  
Ion Ratio Lower Upper  
119 100  
91 70.1 33.7 101.0  
134 26.8 13.2 39.5



#84  
1,2,4-Trimethylbenzene  
Concen: 9.952 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion:105 Resp: 164493  
Ion Ratio Lower Upper  
105 100  
120 42.5 22.3 66.8

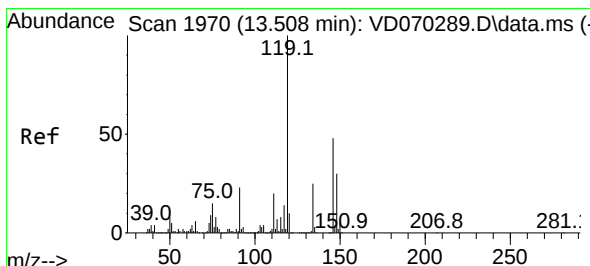
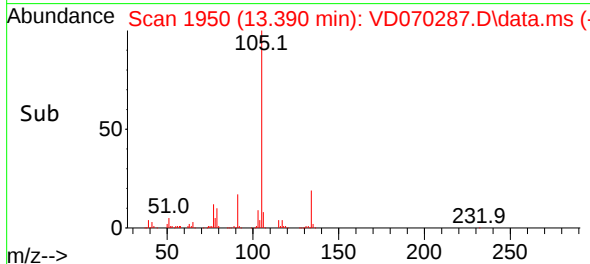
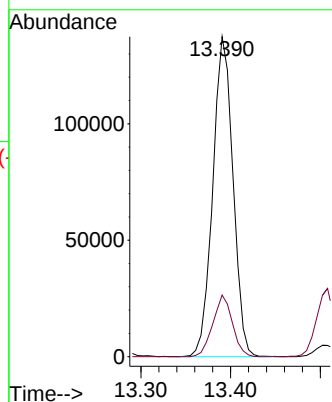
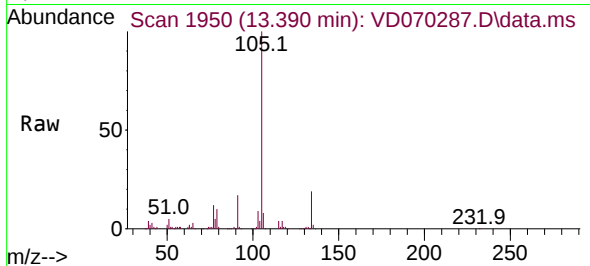




#85  
 sec-Butylbenzene  
 Concen: 9.975 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD070287.D  
 Acq: 08 Sep 2021 10:20

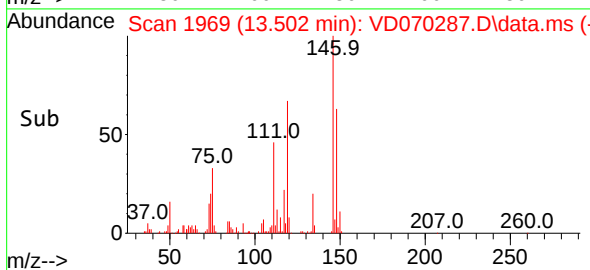
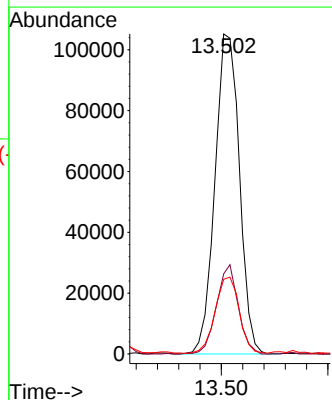
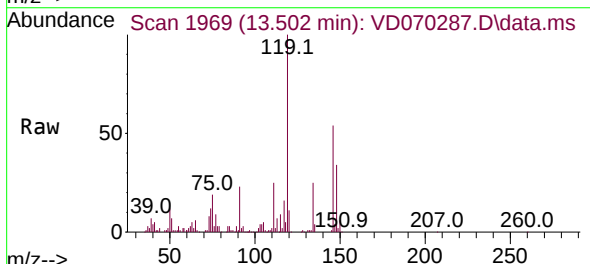
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

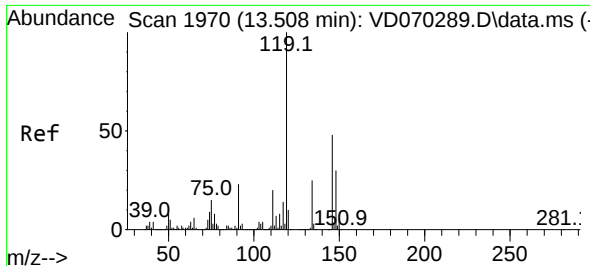
Tgt Ion:105 Resp: 215087  
 Ion Ratio Lower Upper  
 105 100  
 134 18.6 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 9.756 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD070287.D  
 Acq: 08 Sep 2021 10:20

Tgt Ion:119 Resp: 167570  
 Ion Ratio Lower Upper  
 119 100  
 134 24.7 12.7 38.0  
 91 23.6 11.8 35.3



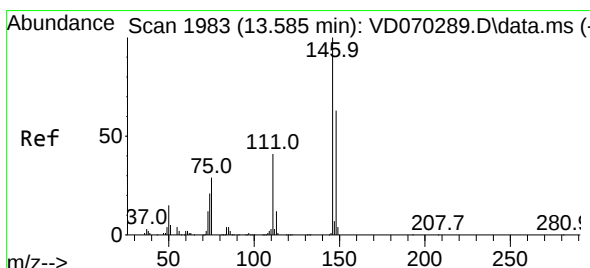
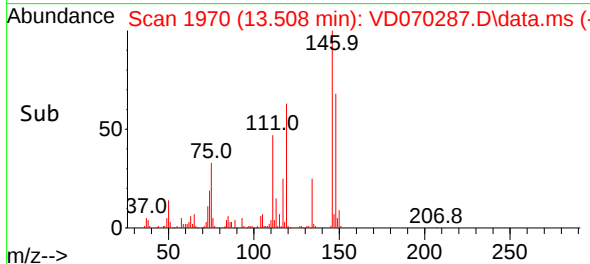
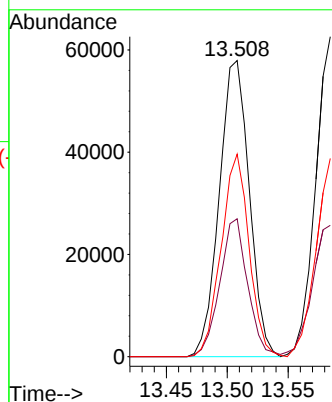
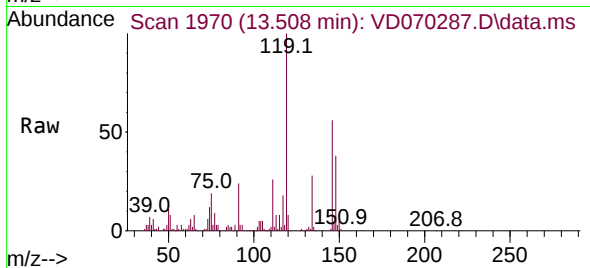


#87

1,3-Dichlorobenzene  
Concen: 10.125 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

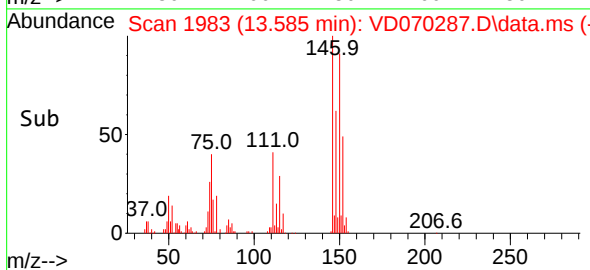
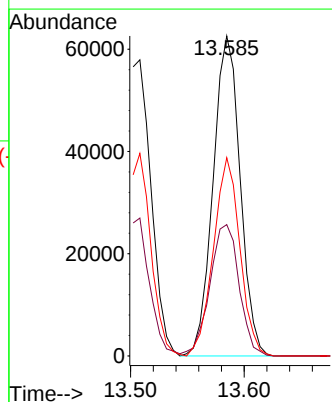
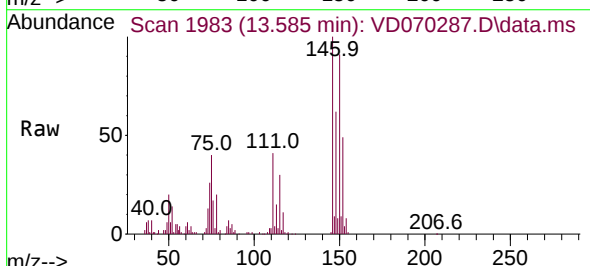
Tgt Ion:146 Resp: 99343  
Ion Ratio Lower Upper  
146 100  
111 43.3 21.5 64.5  
148 63.5 31.4 94.2

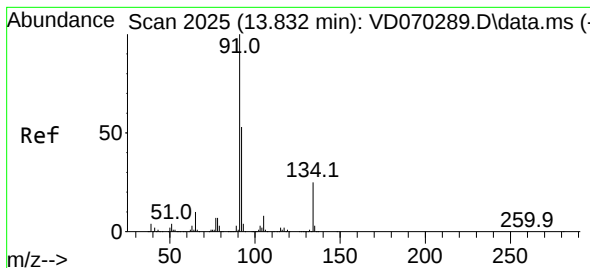


#88

1,4-Dichlorobenzene  
Concen: 10.296 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion:146 Resp: 103599  
Ion Ratio Lower Upper  
146 100  
111 44.4 20.9 62.8  
148 60.8 31.9 95.5

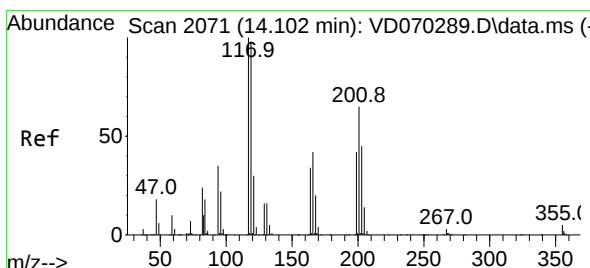
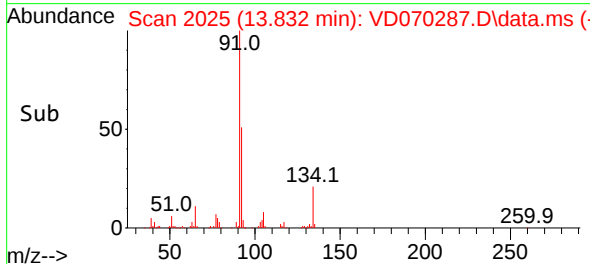
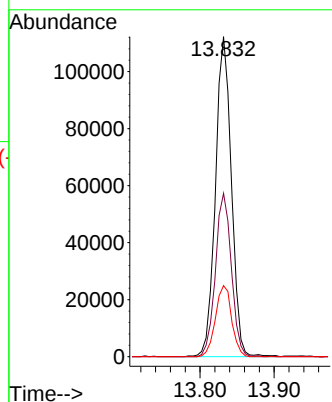
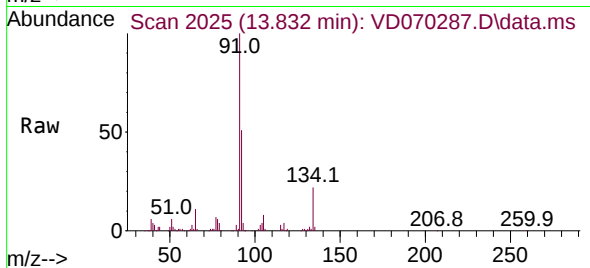




#89  
n-Butylbenzene  
Concen: 9.822 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

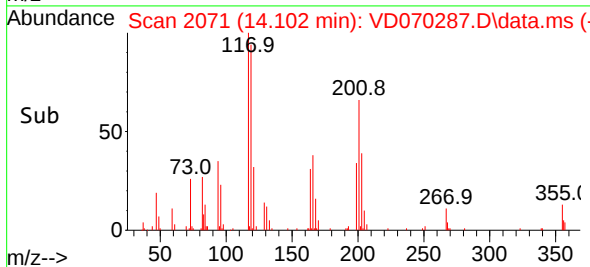
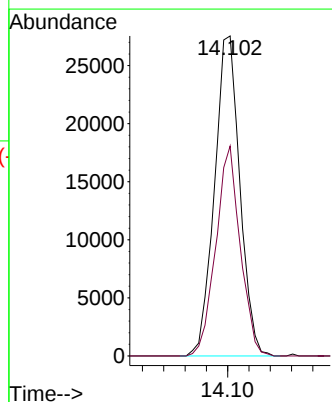
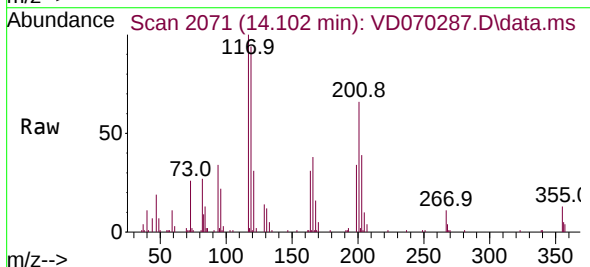
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

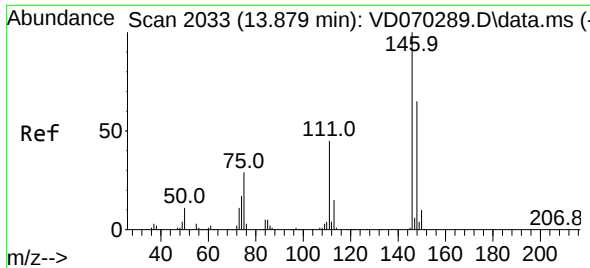
Tgt Ion: 91 Resp: 167556  
Ion Ratio Lower Upper  
91 100  
92 51.0 26.8 80.4  
134 22.6 12.1 36.3



#90  
Hexachloroethane  
Concen: 11.075 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion: 117 Resp: 45470  
Ion Ratio Lower Upper  
117 100  
201 63.1 31.9 95.9

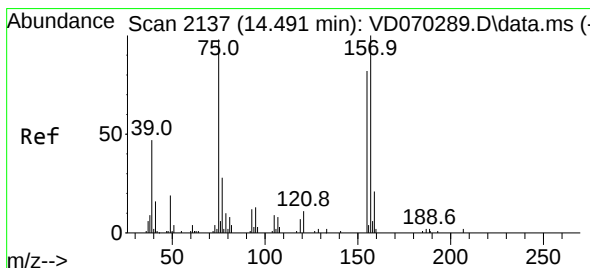
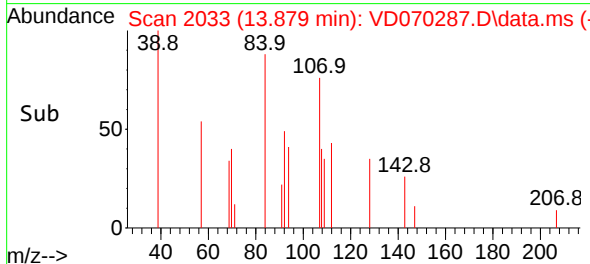
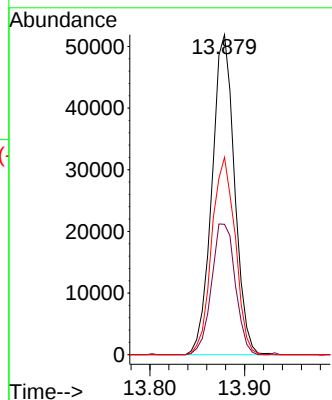
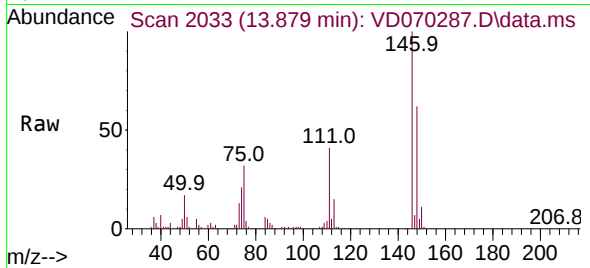




#91  
1,2-Dichlorobenzene  
Concen: 10.177 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

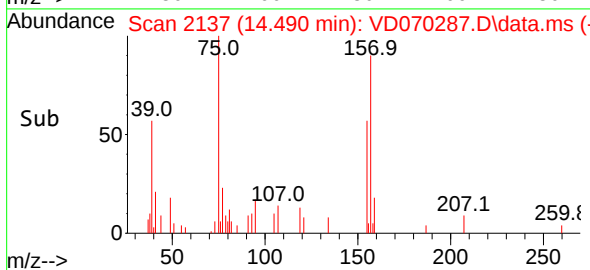
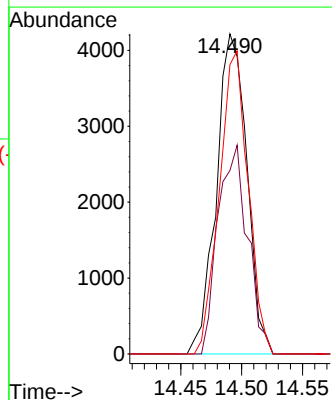
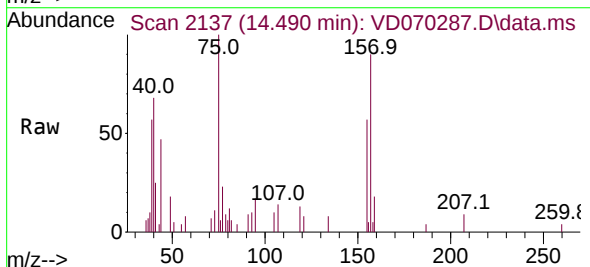
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

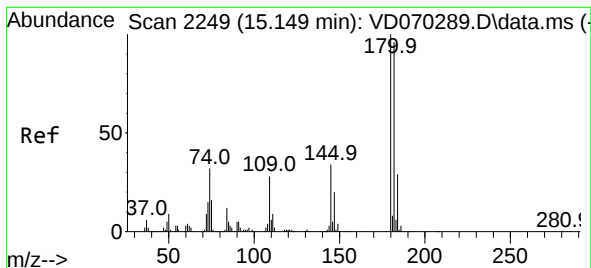
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 86038 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 42.9  | 21.9  | 65.7  |
| 148      | 63.9  | 31.7  | 95.1  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 11.378 ug/l  
RT: 14.490 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 7361  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 63.5  | 40.3  | 120.9 |
| 157      | 89.2  | 48.9  | 146.6 |

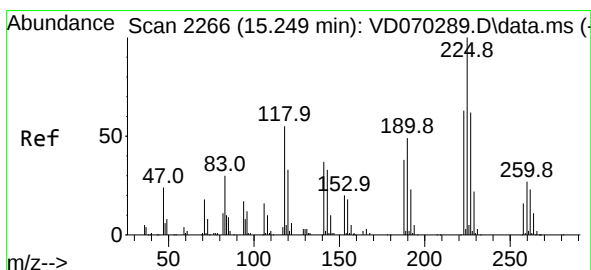
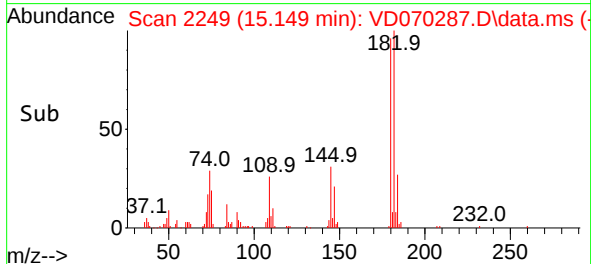
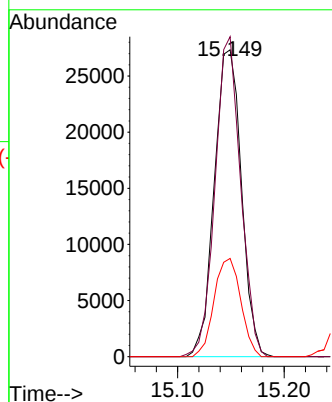
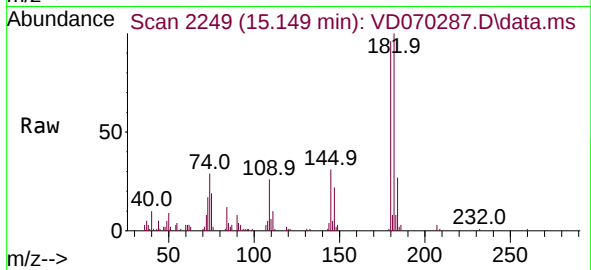




#93  
1,2,4-Trichlorobenzene  
Concen: 10.754 ug/l  
RT: 15.149 min Scan# 2249  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

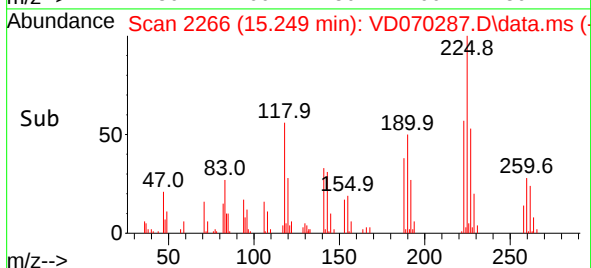
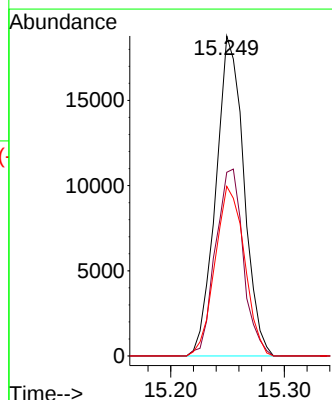
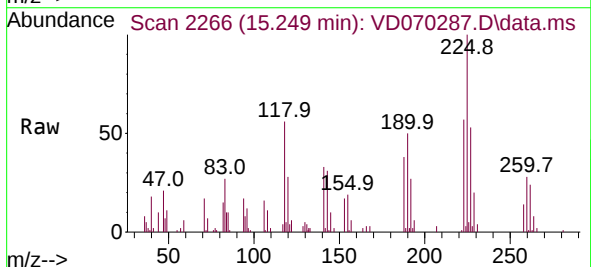
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

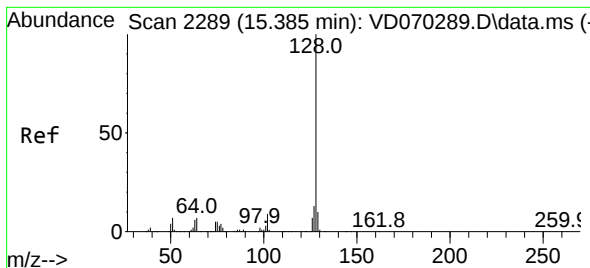
Tgt Ion:180 Resp: 48291  
Ion Ratio Lower Upper  
180 100  
182 97.9 48.1 144.4  
145 31.5 16.8 50.4



#94  
Hexachlorobutadiene  
Concen: 11.340 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Tgt Ion:225 Resp: 32165  
Ion Ratio Lower Upper  
225 100  
223 58.1 31.4 94.3  
227 55.8 32.7 98.1

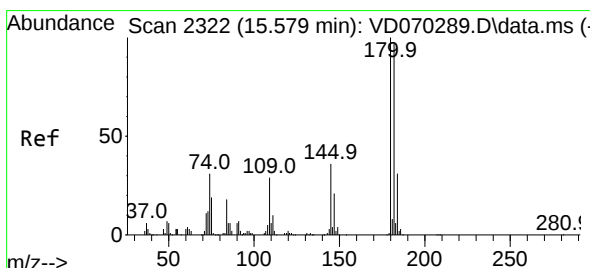
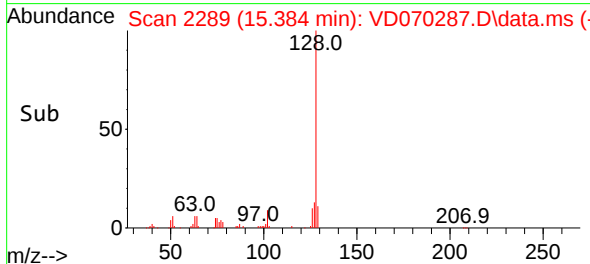
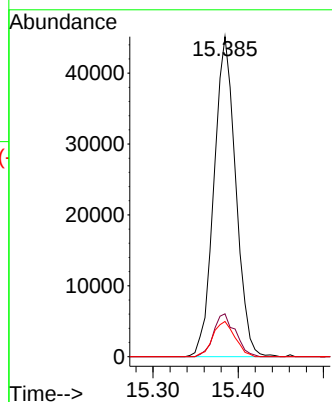
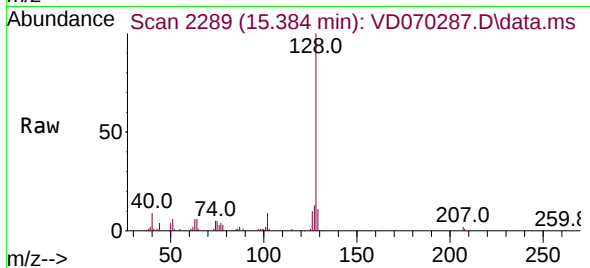




#95  
Naphthalene  
Concen: 10.478 ug/l  
RT: 15.384 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 80164 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.5  | 10.5  | 15.7  |
| 129       | 11.2  | 9.0   | 13.4  |



#96  
1,2,3-Trichlorobenzene  
Concen: 10.926 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. -0.006 min  
Lab File: VD070287.D  
Acq: 08 Sep 2021 10:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 42016 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 97.4  | 47.9  | 143.6 |
| 145       | 36.2  | 17.7  | 53.1  |

