

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111121\  
 Data File : VD071005.D  
 Acq On : 12 Nov 2021 00:27  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 12 08:06:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 10 03:55:51 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.979  | 168   | 244805   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861  | 114   | 454380   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.638 | 117   | 417691   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.561 | 152   | 186653   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.326  | 65    | 144502   | 55.440   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 110.880% |          |
| 35) Dibromofluoromethane     | 7.914  | 113   | 135528   | 52.858   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 105.720% |          |
| 50) Toluene-d8               | 10.332 | 98    | 504737   | 50.267   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | = 100.540% |          |
| 62) 4-Bromofluorobenzene     | 12.620 | 95    | 182248   | 50.409   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | = 100.820% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.985  | 85    | 97741    | 46.731   | ug/l       | 93       |
| 3) Chloromethane             | 2.209  | 50    | 152592   | 61.311   | ug/l       | 100      |
| 4) Vinyl Chloride            | 2.350  | 62    | 157052   | 65.614   | ug/l       | 99       |
| 5) Bromomethane              | 2.768  | 94    | 110120   | 67.498   | ug/l       | 99       |
| 6) Chloroethane              | 2.920  | 64    | 108776   | 70.758   | ug/l       | 94       |
| 7) Trichlorofluoromethane    | 3.273  | 101   | 204519   | 53.092   | ug/l       | 96       |
| 8) Diethyl Ether             | 3.709  | 74    | 70808    | 55.541   | ug/l       | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097  | 101   | 118639   | 49.963   | ug/l       | 97       |
| 10) Methyl Iodide            | 4.297  | 142   | 140453   | 49.531   | ug/l       | 97       |
| 11) Tert butyl alcohol       | 5.214  | 59    | 46679    | 245.050  | ug/l       | 99       |
| 12) 1,1-Dichloroethene       | 4.067  | 96    | 118681   | 51.054   | ug/l       | 85       |
| 13) Acrolein                 | 3.926  | 56    | 9555     | 162.237  | ug/l       | 93       |
| 14) Allyl chloride           | 4.714  | 41    | 256227   | 52.918   | ug/l #     | 83       |
| 15) Acrylonitrile            | 5.414  | 53    | 173522   | 284.443  | ug/l       | 98       |
| 16) Acetone                  | 4.156  | 43    | 143600   | 207.652  | ug/l       | 88       |
| 17) Carbon Disulfide         | 4.409  | 76    | 368240   | 49.059   | ug/l       | 98       |
| 18) Methyl Acetate           | 4.714  | 43    | 137786   | 61.618   | ug/l       | 94       |
| 19) Methyl tert-butyl Ether  | 5.473  | 73    | 346536   | 57.746   | ug/l       | 99       |
| 20) Methylene Chloride       | 4.967  | 84    | 164401   | 55.523   | ug/l       | 93       |
| 21) trans-1,2-Dichloroethene | 5.473  | 96    | 143639   | 53.909   | ug/l       | 93       |
| 22) Diisopropyl ether        | 6.361  | 45    | 546237   | 56.746   | ug/l       | 97       |
| 23) Vinyl Acetate            | 6.303  | 43    | 1262668  | 246.111  | ug/l       | 98       |
| 24) 1,1-Dichloroethane       | 6.267  | 63    | 290421   | 56.487   | ug/l       | 99       |
| 25) 2-Butanone               | 7.208  | 43    | 223144   | 245.694  | ug/l #     | 86       |
| 26) 2,2-Dichloropropane      | 7.203  | 77    | 212779   | 49.036   | ug/l       | 97       |
| 27) cis-1,2-Dichloroethene   | 7.208  | 96    | 174765   | 57.380   | ug/l       | 96       |
| 28) Bromochloromethane       | 7.544  | 49    | 123690   | 56.720   | ug/l       | 88       |
| 29) Tetrahydrofuran          | 7.561  | 42    | 148208   | 279.857  | ug/l       | 92       |
| 30) Chloroform               | 7.708  | 83    | 291308   | 59.594   | ug/l       | 99       |
| 31) Cyclohexane              | 7.979  | 56    | 238747   | 44.541   | ug/l       | 99       |
| 32) 1,1,1-Trichloroethane    | 7.897  | 97    | 241070   | 57.421   | ug/l       | 96       |
| 36) 1,1-Dichloropropene      | 8.108  | 75    | 207874   | 51.239   | ug/l       | 98       |
| 37) Ethyl Acetate            | 7.291  | 43    | 103728   | 56.042   | ug/l       | 96       |
| 38) Carbon Tetrachloride     | 8.097  | 117   | 198340   | 53.088   | ug/l       | 100      |
| 39) Methylcyclohexane        | 9.355  | 83    | 235783   | 45.001   | ug/l       | 94       |
| 40) Benzene                  | 8.350  | 78    | 608684   | 53.276   | ug/l       | 99       |

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 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 12 08:06:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 10 03:55:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 61107    | 46.212   | ug/l # | 77       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 188432   | 58.228   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 214456   | 54.748   | ug/l # | 89       |
| 44) Trichloroethene           | 9.108  | 130  | 159642   | 54.210   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 164998   | 53.400   | ug/l   | 98       |
| 46) Dibromomethane            | 9.467  | 93   | 83989    | 57.108   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.655  | 83   | 221775   | 57.011   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.450  | 41   | 95854    | 49.882   | ug/l # | 82       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 18197    | 1067.890 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 534878   | 281.647  | ug/l   | 90       |
| 52) Toluene                   | 10.397 | 92   | 384826   | 53.433   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 199671   | 50.900   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 237290   | 51.297   | ug/l # | 83       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 113125   | 55.966   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 156352   | 54.669   | ug/l # | 75       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 204479   | 55.706   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 393077   | 264.374  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.979 | 43   | 359684   | 242.696  | ug/l   | 89       |
| 60) Dibromochloromethane      | 11.132 | 129  | 138755   | 57.221   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 109087   | 55.481   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.867 | 164  | 127454   | 52.329   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.661 | 112  | 403334   | 54.120   | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 145612   | 55.048   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.738 | 91   | 739369   | 52.387   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.844 | 106  | 561572   | 106.462  | ug/l   | 98       |
| 69) o-Xylene                  | 12.173 | 106  | 268814   | 53.577   | ug/l   | 96       |
| 70) Styrene                   | 12.185 | 104  | 464500   | 54.677   | ug/l   | 97       |
| 71) Bromoform                 | 12.349 | 173  | 77737    | 56.355   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.467 | 105  | 696893   | 51.826   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 196828   | 51.236   | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 125798   | 54.352   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 165250   | 103.644  | ug/l # | 1        |
| 77) Bromobenzene              | 12.749 | 156  | 156824   | 54.584   | ug/l   | 96       |
| 78) n-propylbenzene           | 12.808 | 91   | 854678   | 51.296   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 496725   | 52.286   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 576951   | 52.111   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 33743    | 41.387   | ug/l # | 81       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 514822   | 52.507   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 493734   | 51.769   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 571257   | 52.685   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 729284   | 50.863   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 596847   | 51.840   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 299905   | 53.388   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 299048   | 53.169   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.826 | 91   | 567419   | 49.040   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 118894   | 52.185   | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 264792   | 54.399   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 19843    | 52.274   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 160858   | 51.652   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 82558    | 52.564   | ug/l   | 99       |
| 95) Naphthalene               | 15.379 | 128  | 322094   | 54.165   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 143080   | 54.642   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Nov 12 08:06:06 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 10 03:55:51 2021  
Response via : Initial Calibration

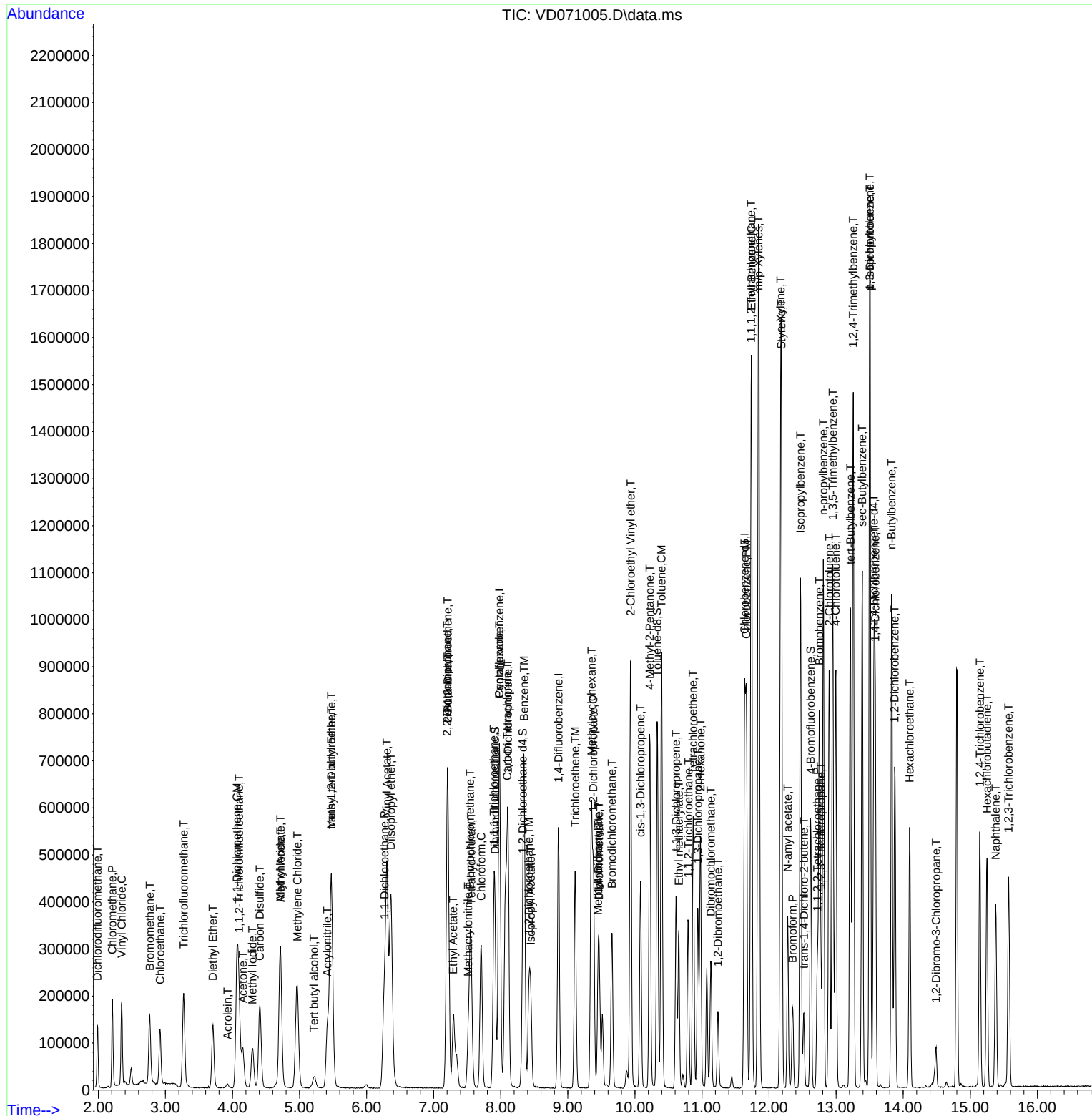
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

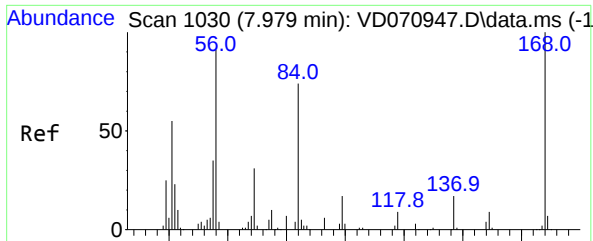
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111121\  
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 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

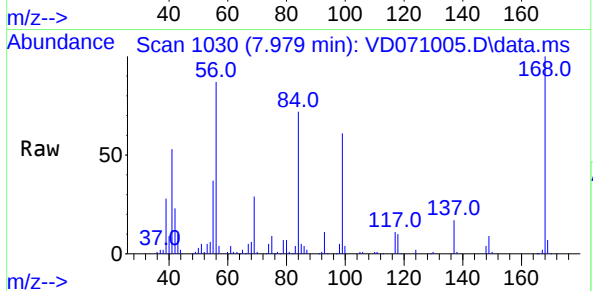
Quant Time: Nov 12 08:06:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 10 03:55:51 2021  
 Response via : Initial Calibration



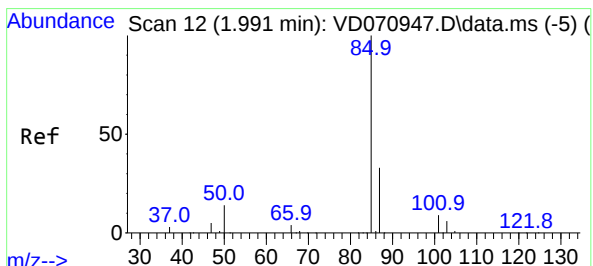
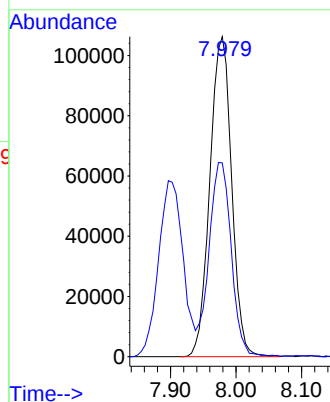
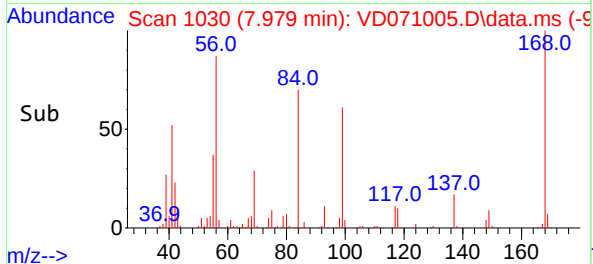


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

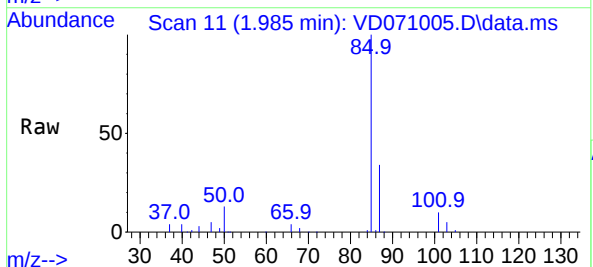
Instrument :  
MSVOA\_D  
ClientSampleId :



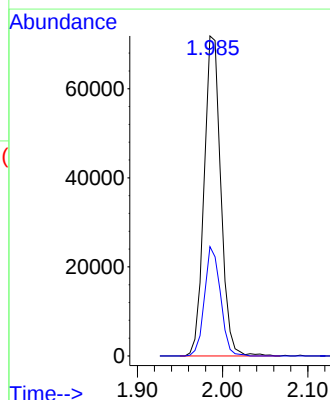
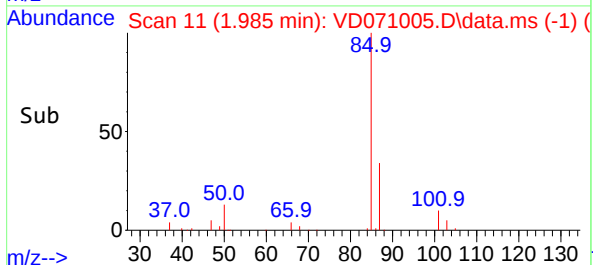
Tgt Ion:168 Resp: 244805  
Ion Ratio Lower Upper  
168 100  
99 60.3 46.6 69.8



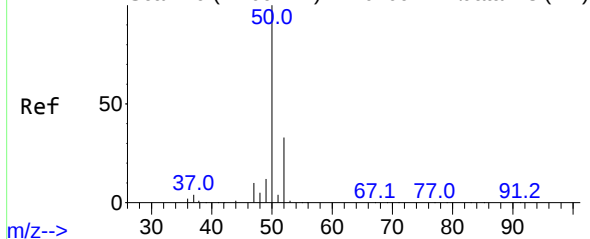
#2  
Dichlorodifluoromethane  
Concen: 46.731 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27



Tgt Ion: 85 Resp: 97741  
Ion Ratio Lower Upper  
85 100  
87 34.1 15.2 45.6



Abundance Scan 49 (2.209 min): VD070947.D\data.ms (-42)



#3

Chloromethane

Concen: 61.311 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD071005.D

Acq: 12 Nov 2021 00:27

Instrument :

MSVOA\_D

ClientSampleId :

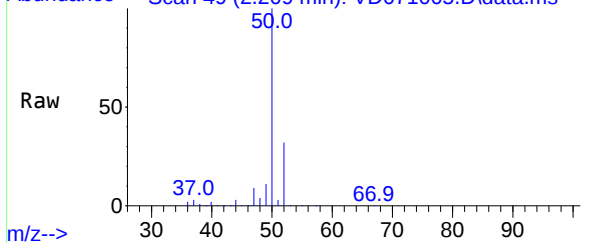
Tgt Ion: 50 Resp: 152592

Ion Ratio Lower Upper

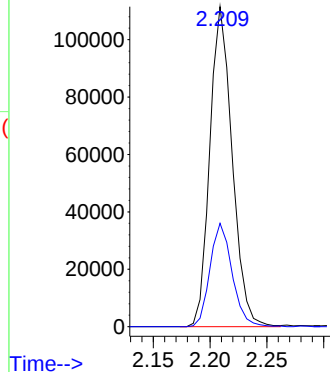
50 100

52 32.3 25.8 38.8

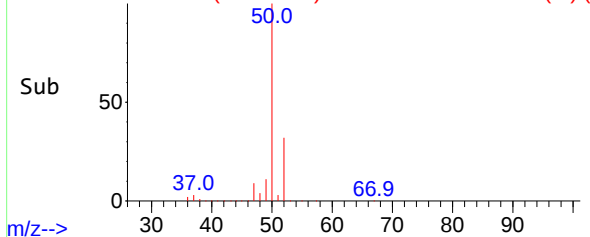
Abundance Scan 49 (2.209 min): VD071005.D\data.ms



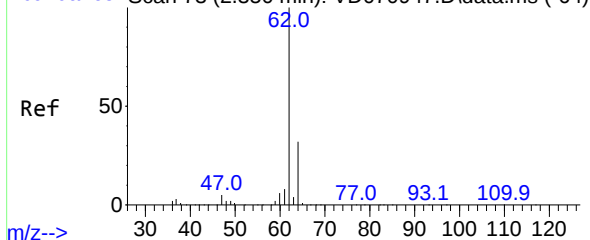
Abundance



Abundance Scan 49 (2.209 min): VD071005.D\data.ms (-1)



Abundance Scan 73 (2.350 min): VD070947.D\data.ms (-64)



#4

Vinyl Chloride

Concen: 65.614 ug/l

RT: 2.350 min Scan# 73

Delta R.T. -0.000 min

Lab File: VD071005.D

Acq: 12 Nov 2021 00:27

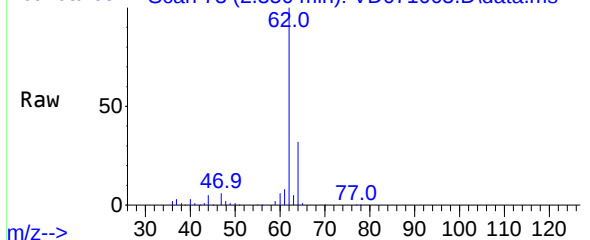
Tgt Ion: 62 Resp: 157052

Ion Ratio Lower Upper

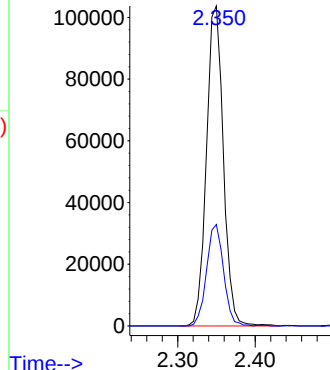
62 100

64 31.7 26.0 39.0

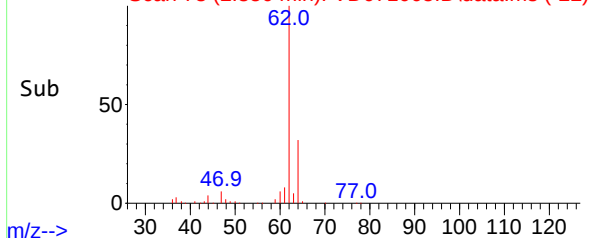
Abundance Scan 73 (2.350 min): VD071005.D\data.ms

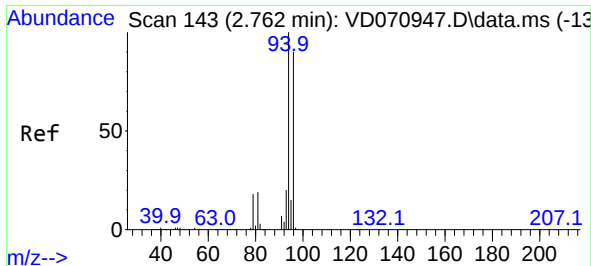


Abundance



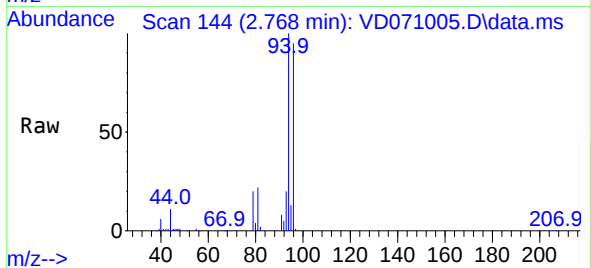
Abundance Scan 73 (2.350 min): VD071005.D\data.ms (-22)



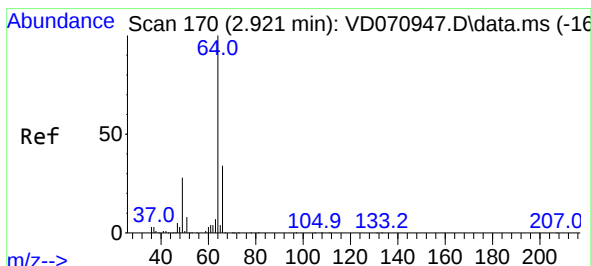
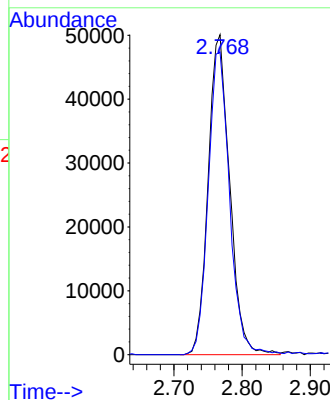
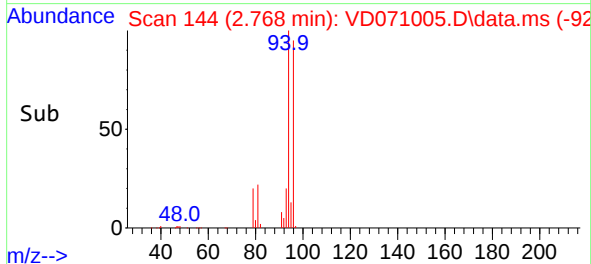


#5  
Bromomethane  
Concen: 67.498 ug/l  
RT: 2.768 min Scan# 143  
Delta R.T. 0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

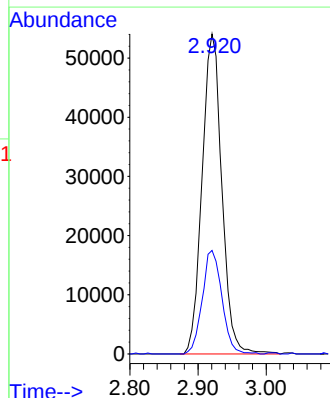
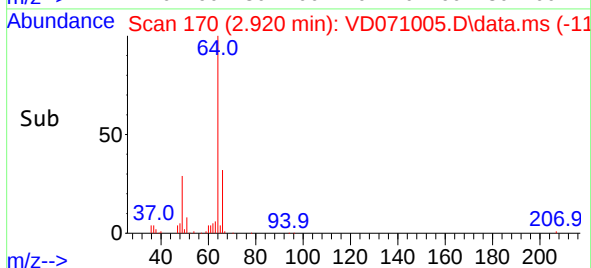
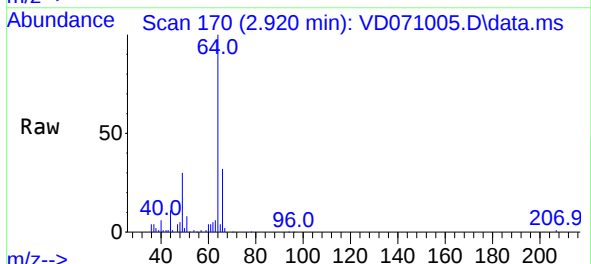


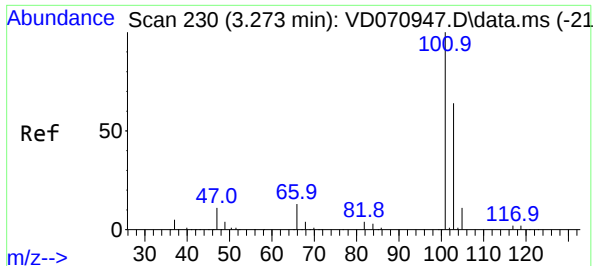
Tgt Ion: 94 Resp: 110120  
Ion Ratio Lower Upper  
94 100  
96 94.6 74.8 112.2



#6  
Chloroethane  
Concen: 70.758 ug/l  
RT: 2.920 min Scan# 170  
Delta R.T. -0.001 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 64 Resp: 108776  
Ion Ratio Lower Upper  
64 100  
66 32.4 29.0 43.4

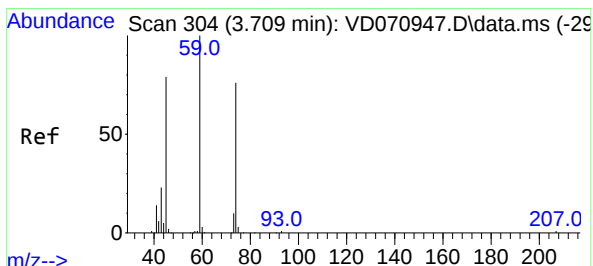
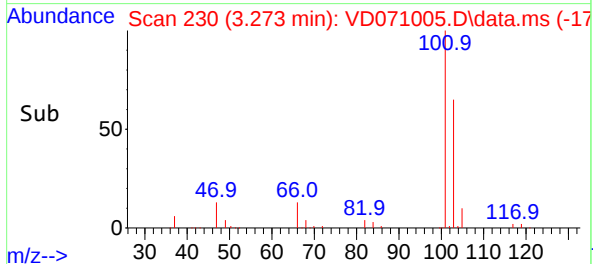
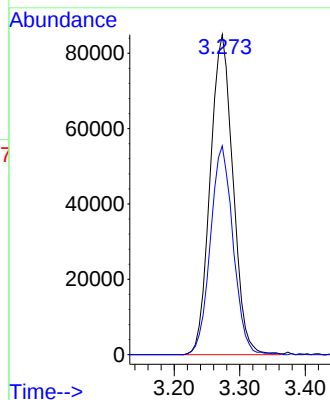
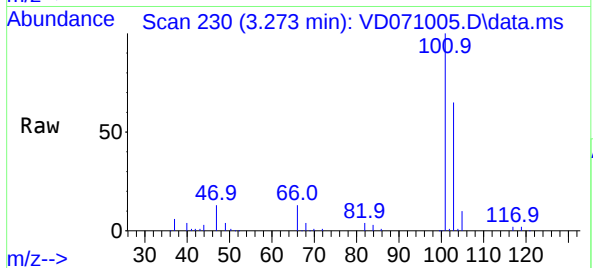




#7  
Trichlorofluoromethane  
Concen: 53.092 ug/l  
RT: 3.273 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

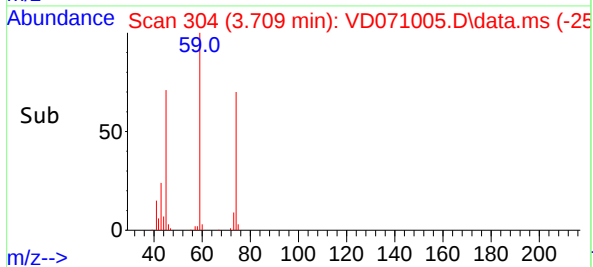
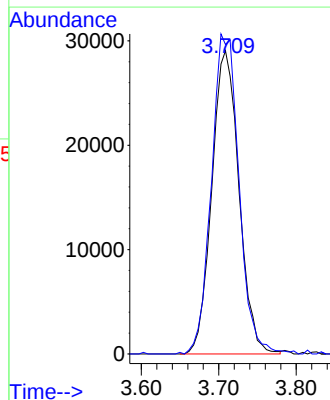
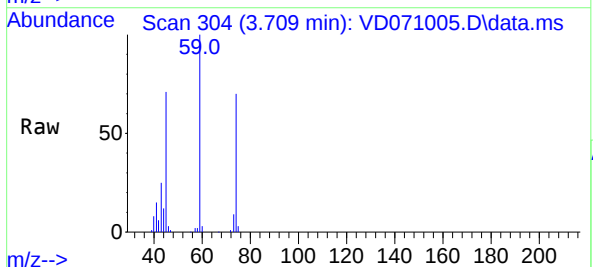
Instrument :  
MSVOA\_D  
ClientSampleId :

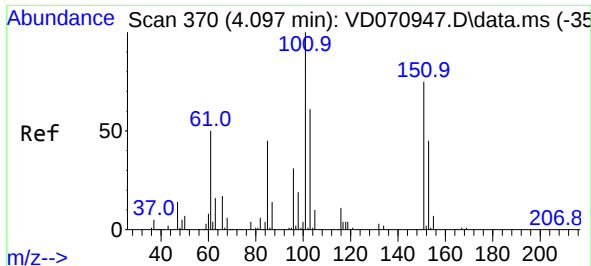
Tgt Ion:101 Resp: 204519  
Ion Ratio Lower Upper  
101 100  
103 65.3 49.7 74.5



#8  
Diethyl Ether  
Concen: 55.541 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

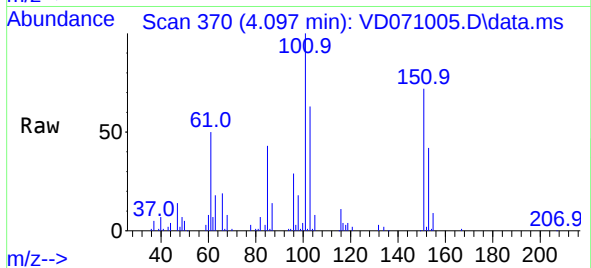
Tgt Ion: 74 Resp: 70808  
Ion Ratio Lower Upper  
74 100  
45 107.0 49.6 149.0



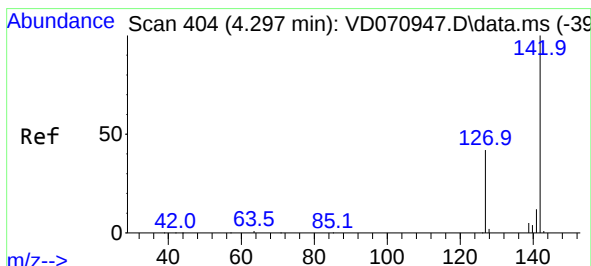
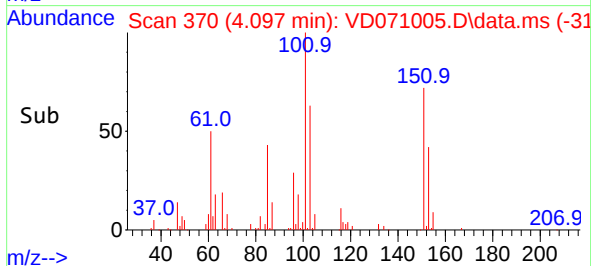
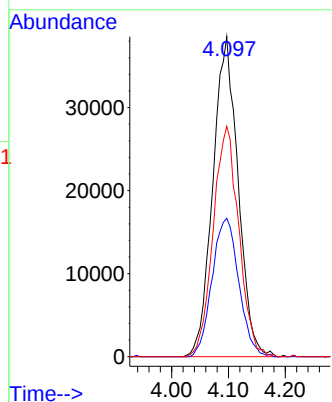


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.963 ug/l  
RT: 4.097 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

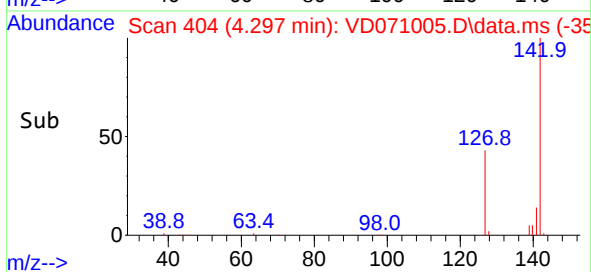
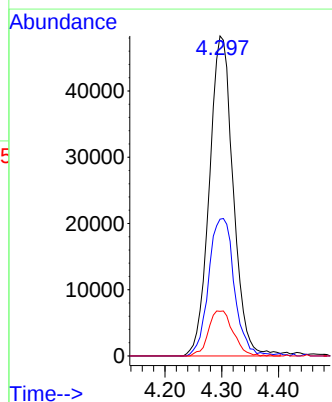
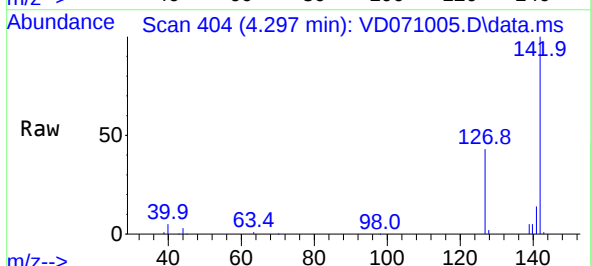


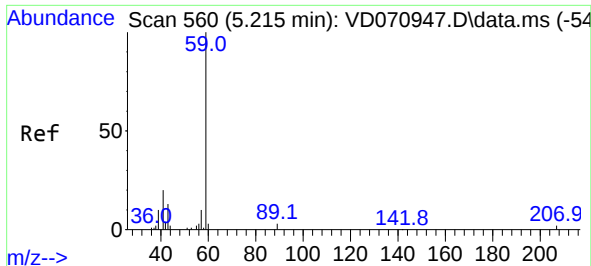
Tgt Ion:101 Resp: 118639  
Ion Ratio Lower Upper  
101 100  
85 45.9 34.8 52.2  
151 73.2 60.4 90.6



#10  
Methyl Iodide  
Concen: 49.531 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

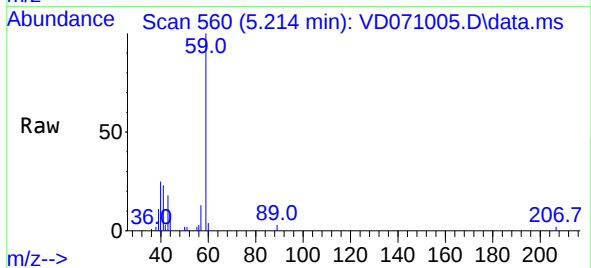
Tgt Ion:142 Resp: 140453  
Ion Ratio Lower Upper  
142 100  
127 46.2 35.0 52.4  
141 14.6 12.0 18.0



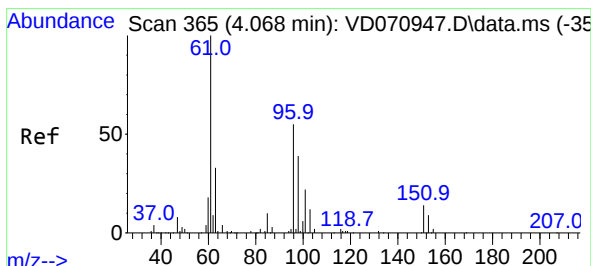
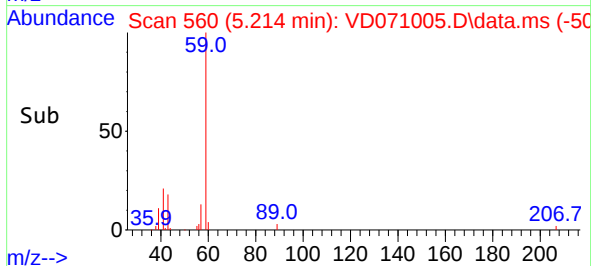
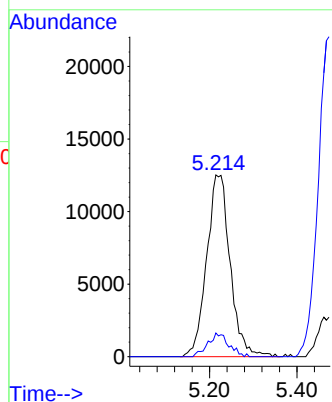


#11  
Tert butyl alcohol  
Concen: 245.050 ug/l  
RT: 5.214 min Scan# 51  
Delta R.T. -0.001 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

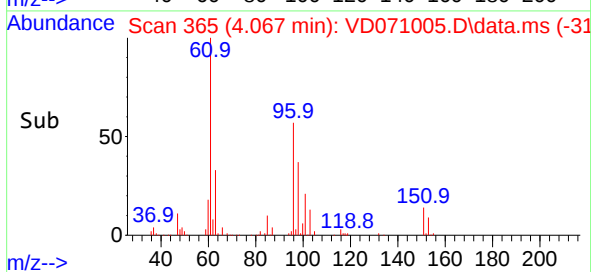
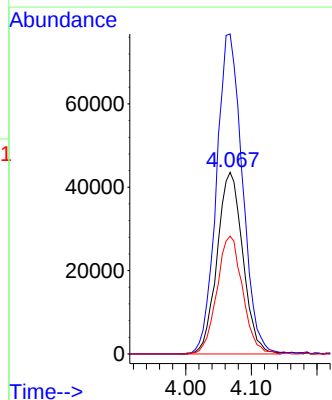
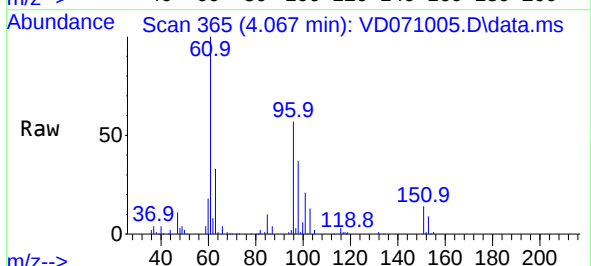


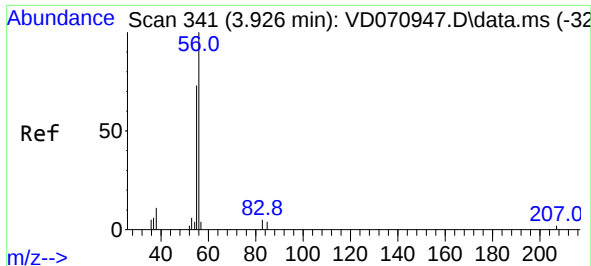
Tgt Ion: 59 Resp: 46679  
Ion Ratio Lower Upper  
59 100  
57 11.5 9.0 13.4



#12  
1,1-Dichloroethene  
Concen: 51.054 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.001 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 96 Resp: 118681  
Ion Ratio Lower Upper  
96 100  
61 176.1 120.3 180.5  
98 64.8 54.4 81.6

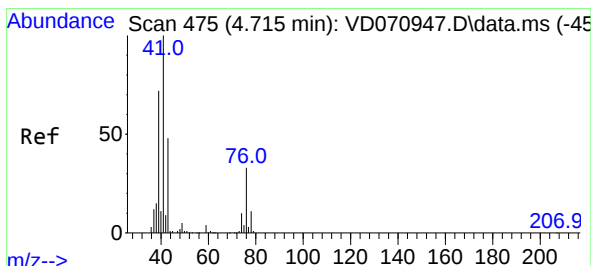
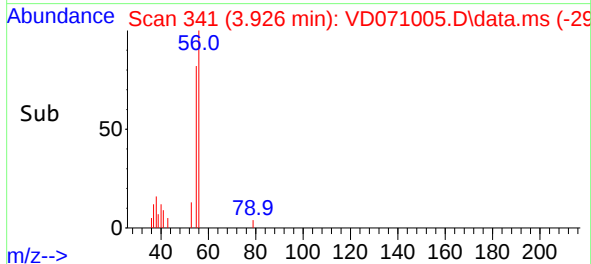
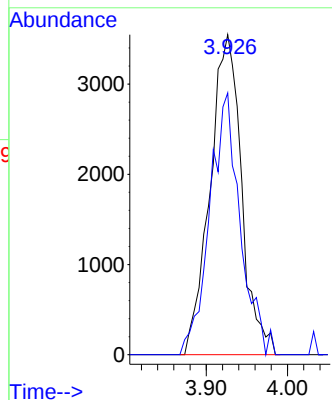
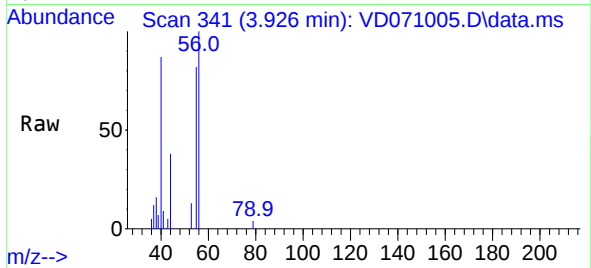




#13  
Acrolein  
Concen: 162.237 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

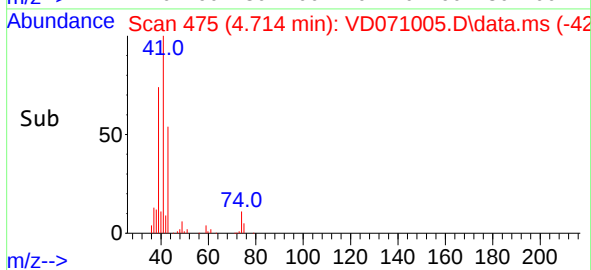
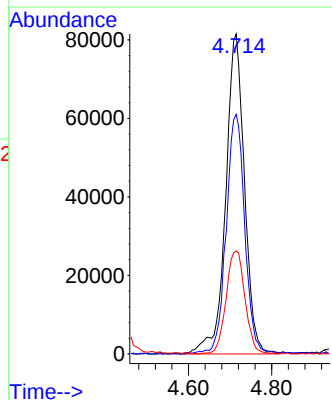
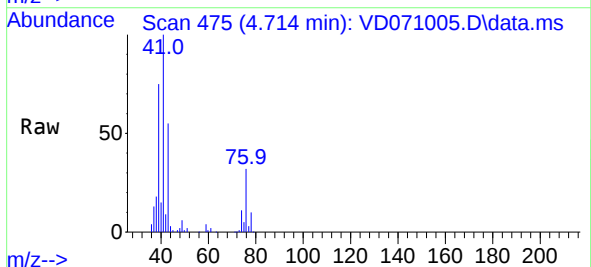
Instrument :  
MSVOA\_D  
ClientSampleId :

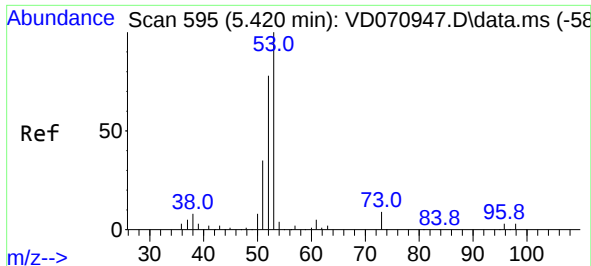
Tgt Ion: 56 Resp: 9555  
Ion Ratio Lower Upper  
56 100  
55 79.2 58.6 87.8



#14  
Allyl chloride  
Concen: 52.918 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.001 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

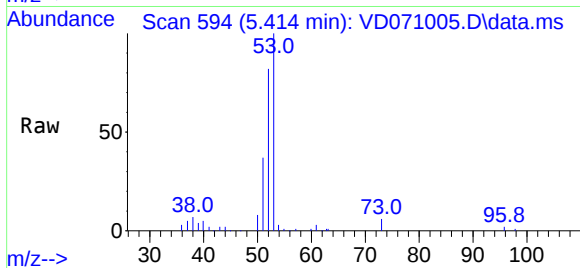
Tgt Ion: 41 Resp: 256227  
Ion Ratio Lower Upper  
41 100  
39 73.9 45.6 68.4#  
76 32.5 30.2 45.4



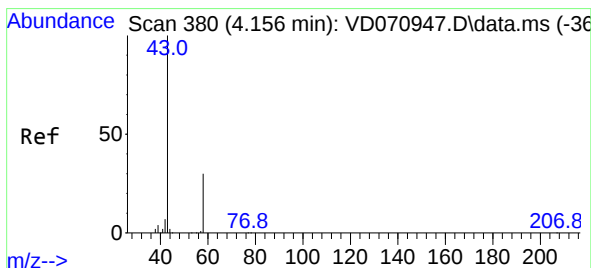
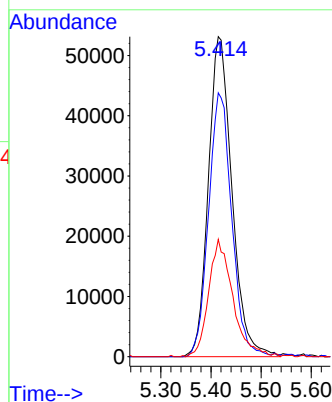


#15  
Acrylonitrile  
Concen: 284.443 ug/l  
RT: 5.414 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

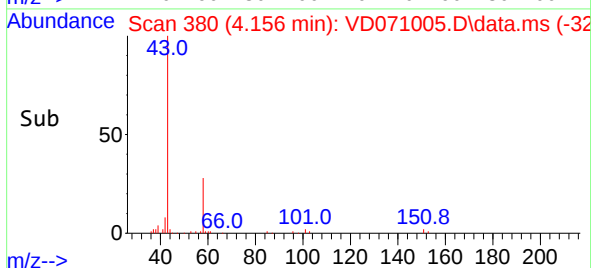
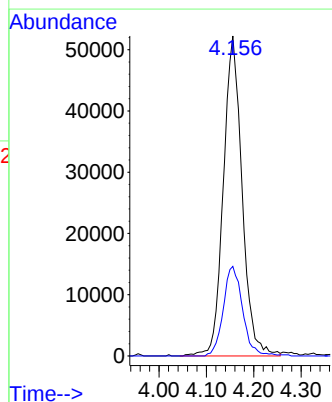
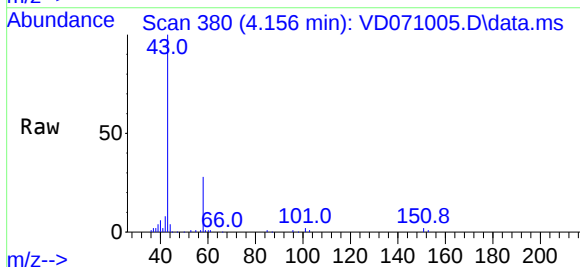


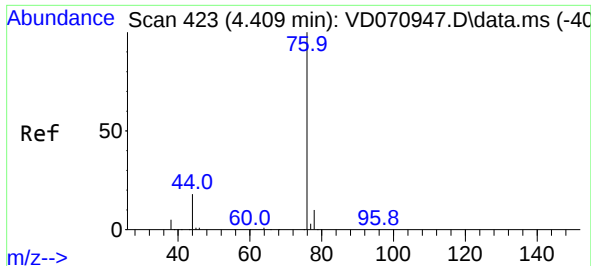
Tgt Ion: 53 Resp: 173522  
Ion Ratio Lower Upper  
53 100  
52 81.1 63.8 95.8  
51 37.5 28.5 42.7



#16  
Acetone  
Concen: 207.652 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 43 Resp: 143600  
Ion Ratio Lower Upper  
43 100  
58 28.0 27.8 41.8

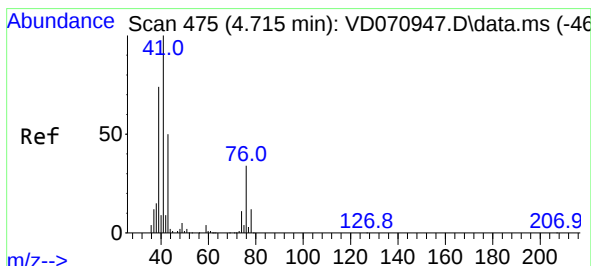
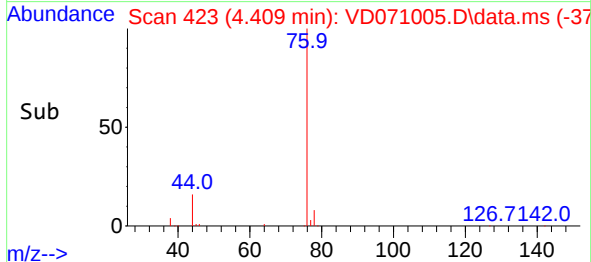
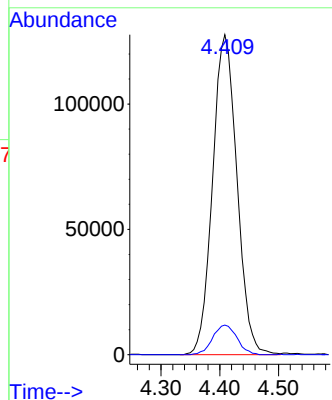
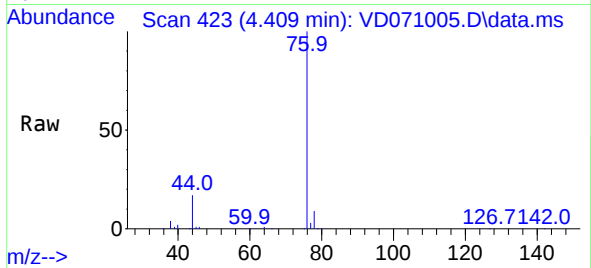




#17  
Carbon Disulfide  
Concen: 49.059 ug/l  
RT: 4.409 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

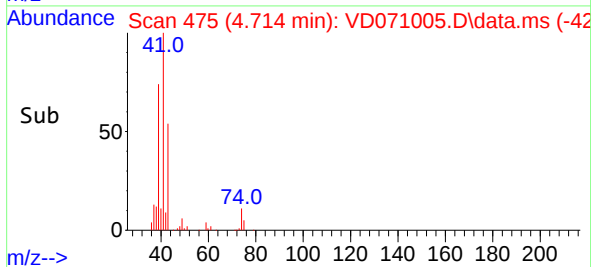
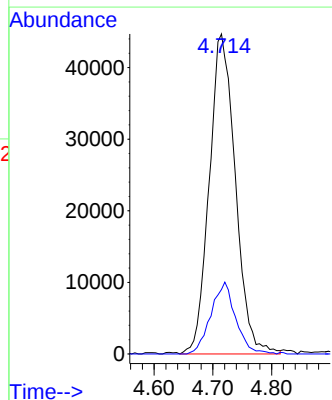
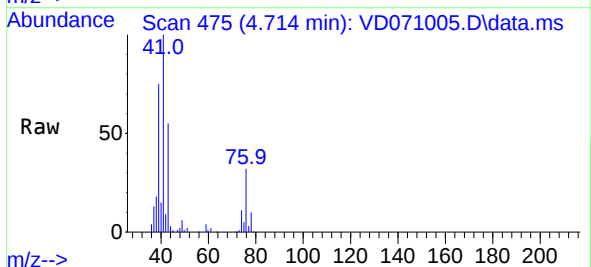
Instrument :  
MSVOA\_D  
ClientSampleId :

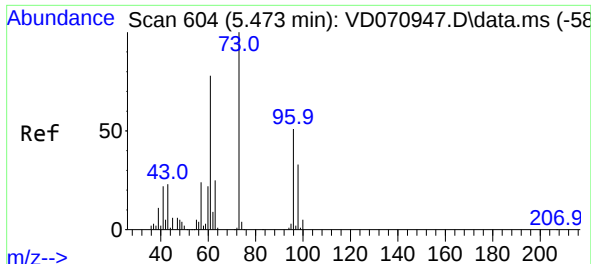
Tgt Ion: 76 Resp: 368240  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.8 11.8



#18  
Methyl Acetate  
Concen: 61.618 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.001 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 43 Resp: 137786  
Ion Ratio Lower Upper  
43 100  
74 21.3 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 57.746 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD071005.D

Acq: 12 Nov 2021 00:27

Instrument :

MSVOA\_D

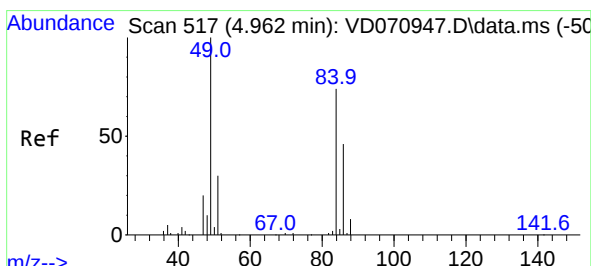
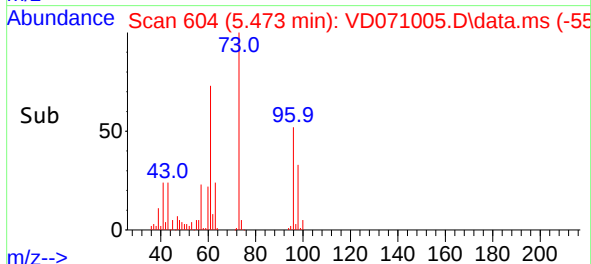
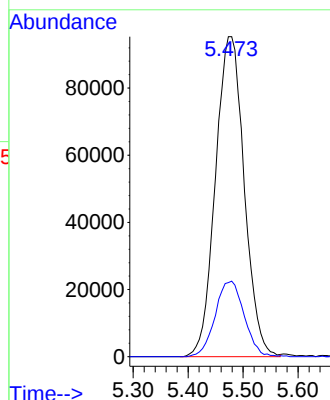
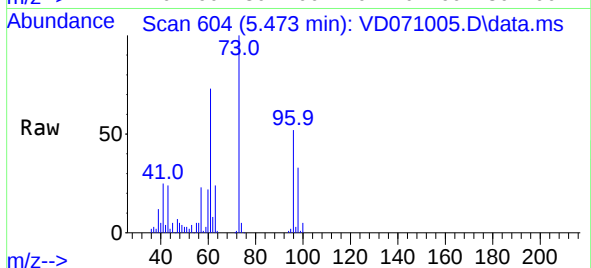
ClientSampleId :

Tgt Ion: 73 Resp: 346536

Ion Ratio Lower Upper

73 100

57 23.1 18.9 28.3



#20

Methylene Chloride

Concen: 55.523 ug/l

RT: 4.967 min Scan# 518

Delta R.T. 0.005 min

Lab File: VD071005.D

Acq: 12 Nov 2021 00:27

Tgt Ion: 84 Resp: 164401

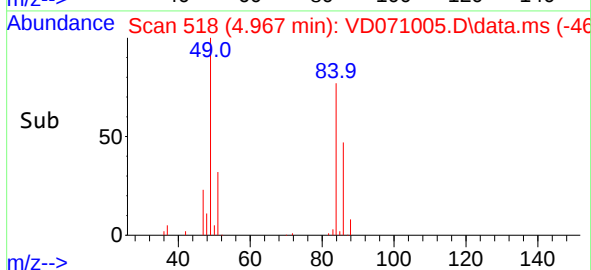
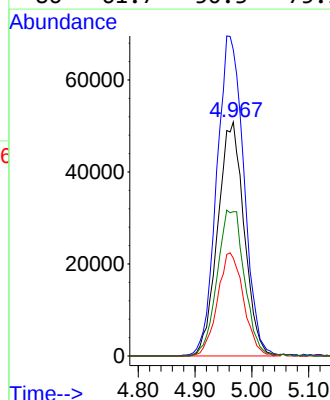
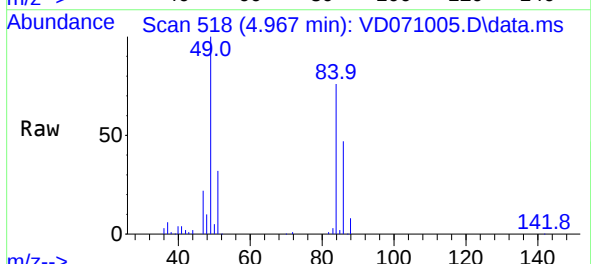
Ion Ratio Lower Upper

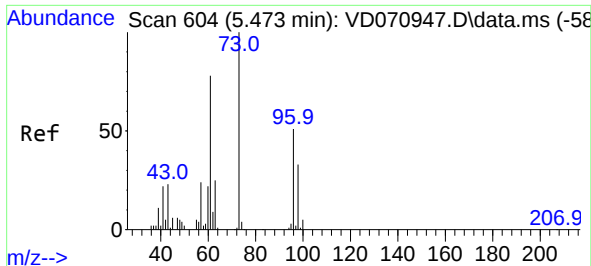
84 100

49 130.9 95.8 143.6

51 41.8 30.9 46.3

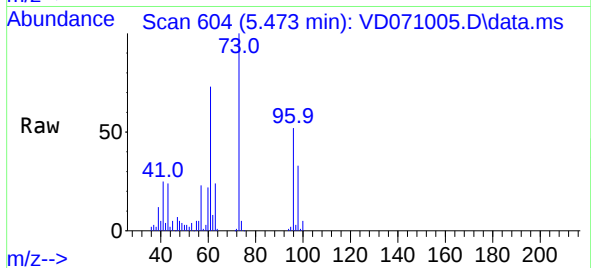
86 61.7 50.3 75.5



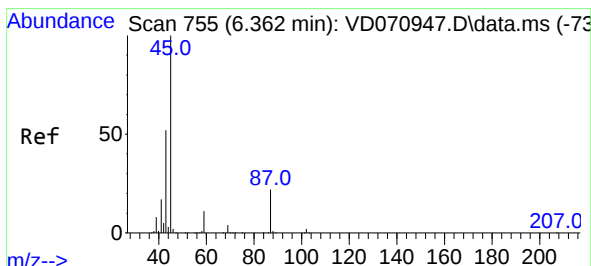
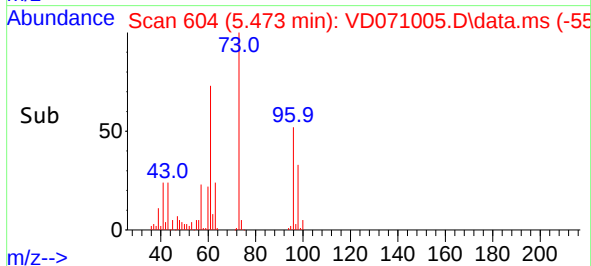
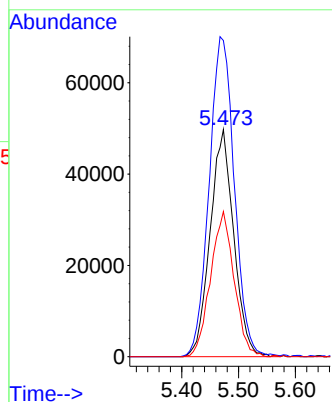


#21  
trans-1,2-Dichloroethene  
Concen: 53.909 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

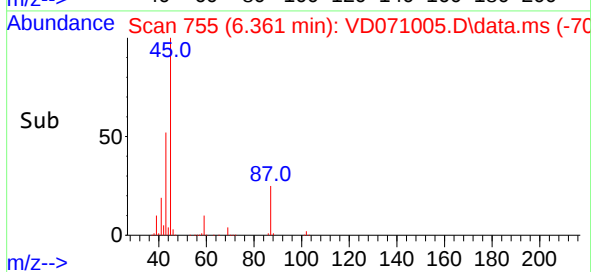
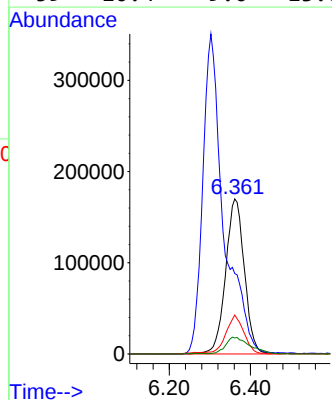
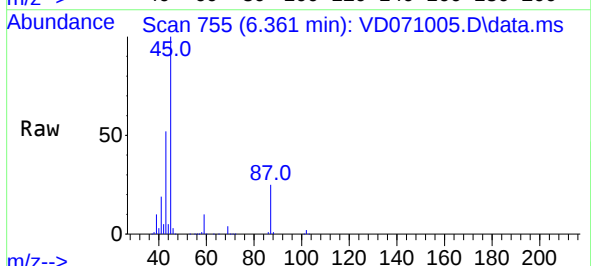


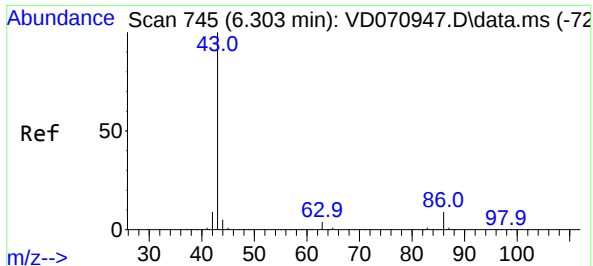
Tgt Ion: 96 Resp: 143639  
Ion Ratio Lower Upper  
96 100  
61 139.1 102.1 153.1  
98 63.8 50.1 75.1



#22  
Diisopropyl ether  
Concen: 56.746 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.001 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 45 Resp: 546237  
Ion Ratio Lower Upper  
45 100  
43 51.8 39.6 59.4  
87 25.1 21.2 31.8  
59 10.4 9.0 13.6

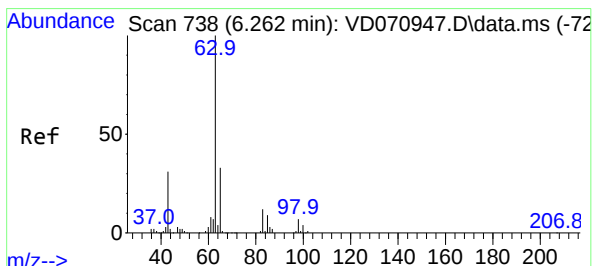
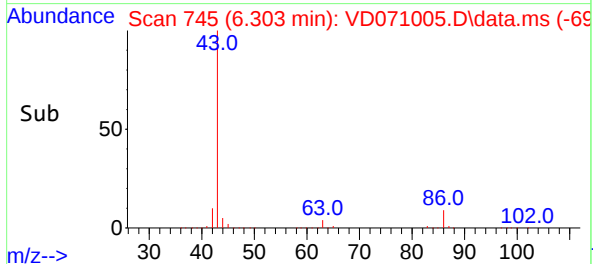
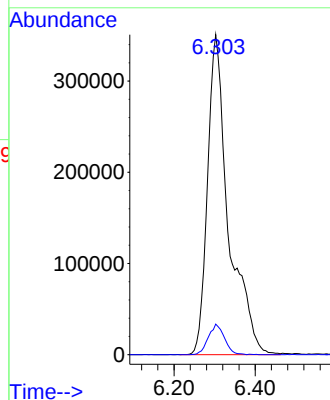
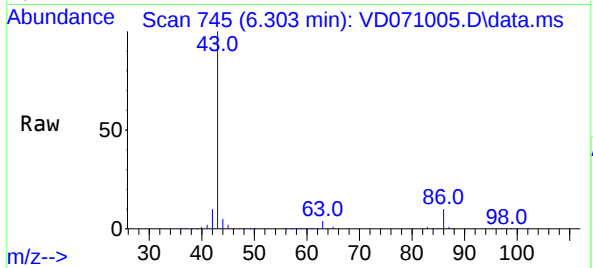




#23  
 Vinyl Acetate  
 Concen: 246.111 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD071005.D  
 Acq: 12 Nov 2021 00:27

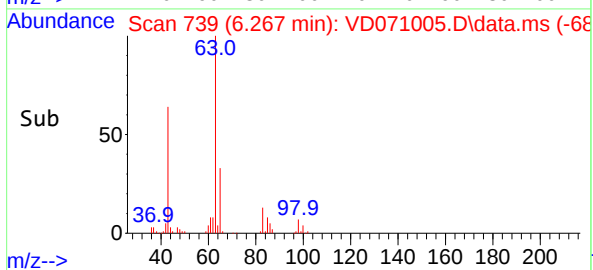
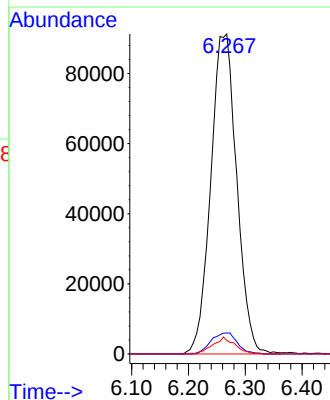
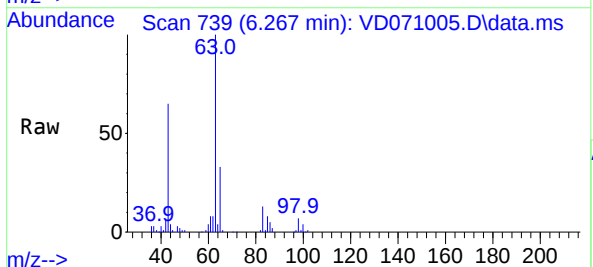
Instrument :  
 MSVOA\_D  
 ClientSampleId :

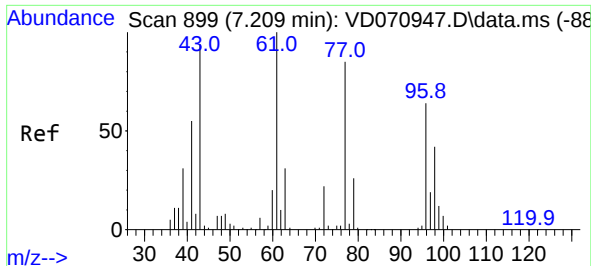
Tgt Ion: 43 Resp: 1262668  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 8.2 12.4



#24  
 1,1-Dichloroethane  
 Concen: 56.487 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. 0.005 min  
 Lab File: VD071005.D  
 Acq: 12 Nov 2021 00:27

Tgt Ion: 63 Resp: 290421  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.5 10.6  
 100 4.2 2.1 6.3

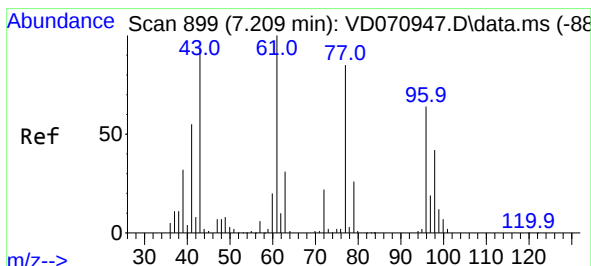
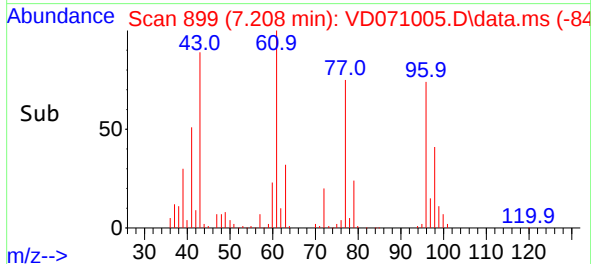
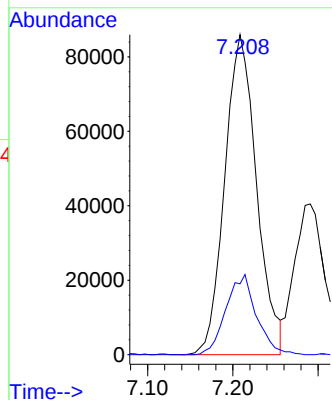
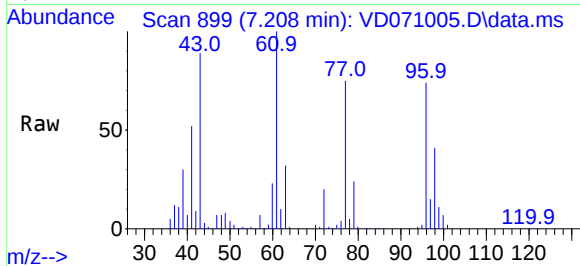




#25  
2-Butanone  
Concen: 245.694 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.001 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

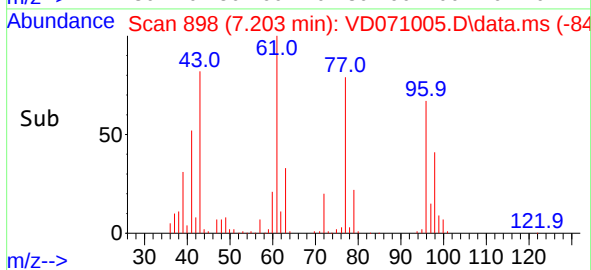
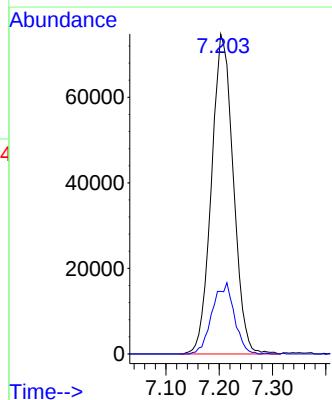
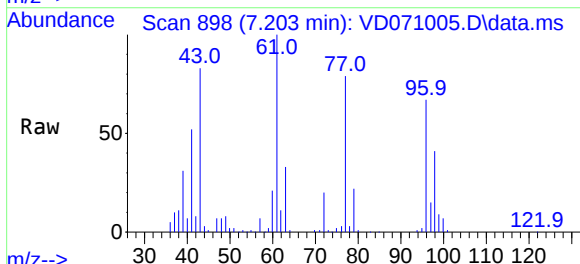
Instrument :  
MSVOA\_D  
ClientSampleId :

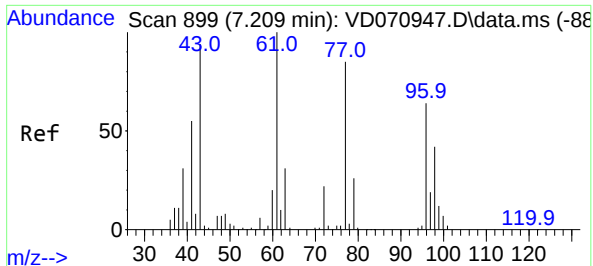
Tgt Ion: 43 Resp: 223144  
Ion Ratio Lower Upper  
43 100  
72 22.2 23.8 35.6#



#26  
2,2-Dichloropropane  
Concen: 49.036 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 77 Resp: 212779  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 57.380 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.001 min

Lab File: VD071005.D

Acq: 12 Nov 2021 00:27

Instrument :

MSVOA\_D

ClientSampleId :

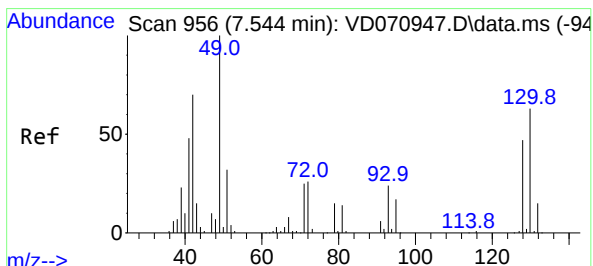
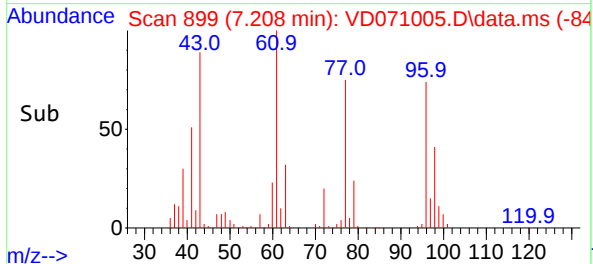
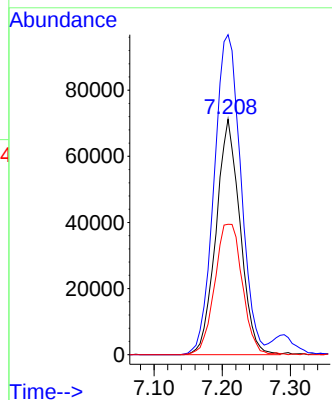
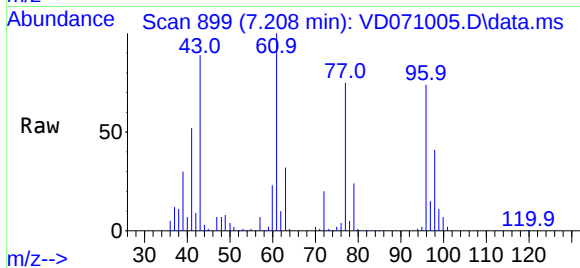
Tgt Ion: 96 Resp: 174765

Ion Ratio Lower Upper

96 100

61 151.4 0.0 288.6

98 63.4 0.0 129.2



#28

Bromochloromethane

Concen: 56.720 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD071005.D

Acq: 12 Nov 2021 00:27

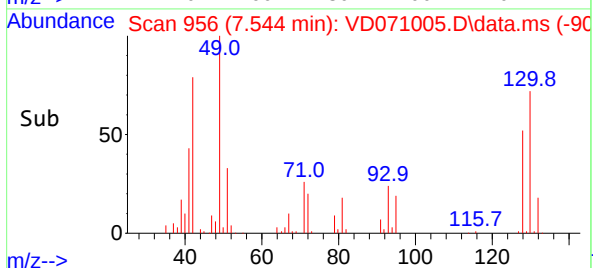
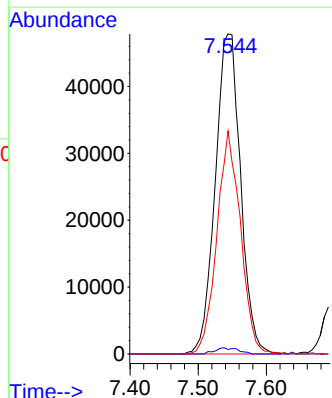
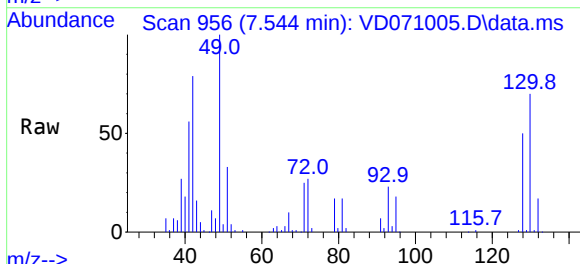
Tgt Ion: 49 Resp: 123690

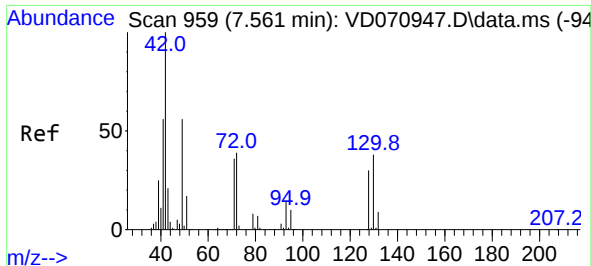
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

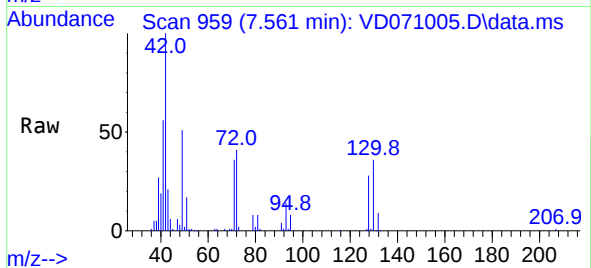
130 64.9 60.2 90.2



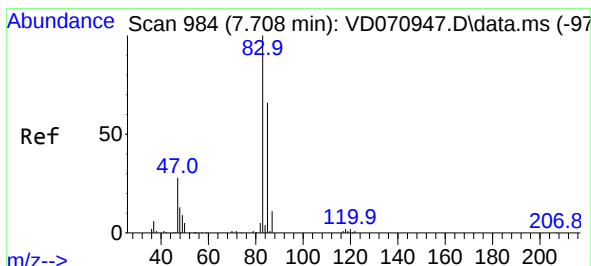
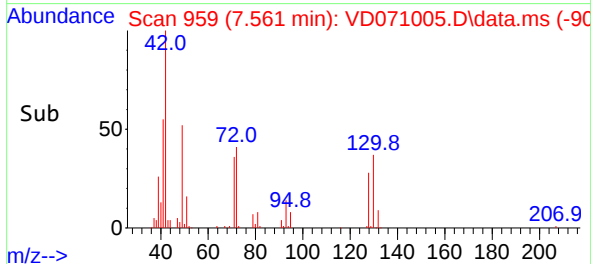
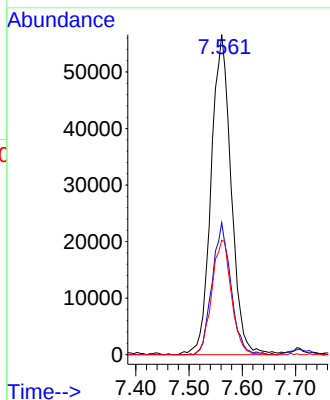


#29  
Tetrahydrofuran  
Concen: 279.857 ug/l  
RT: 7.561 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

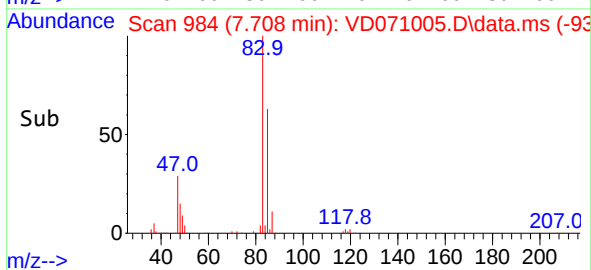
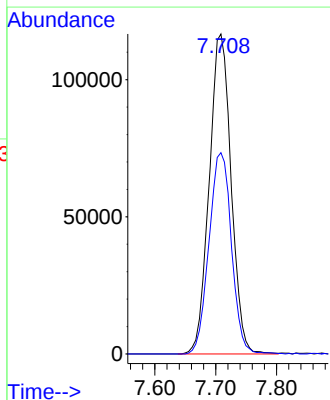
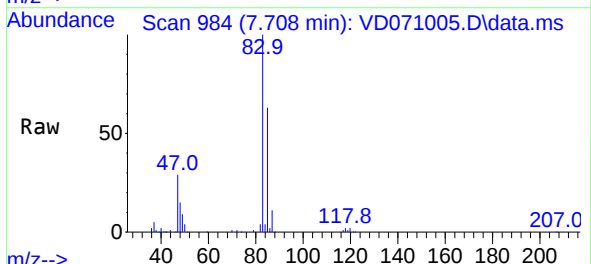


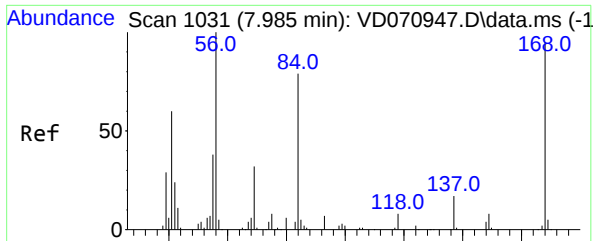
Tgt Ion: 42 Resp: 148208  
Ion Ratio Lower Upper  
42 100  
72 38.4 33.7 50.5  
71 34.9 32.7 49.1



#30  
Chloroform  
Concen: 59.594 ug/l  
RT: 7.708 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 83 Resp: 291308  
Ion Ratio Lower Upper  
83 100  
85 62.9 51.0 76.6

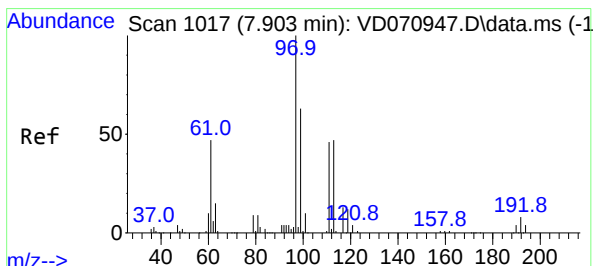
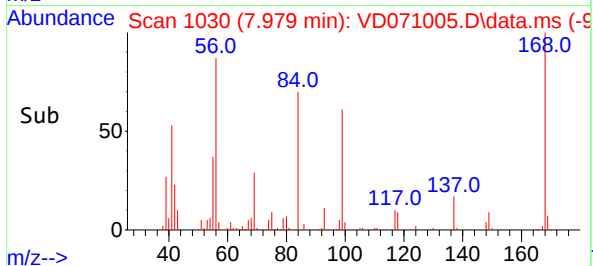
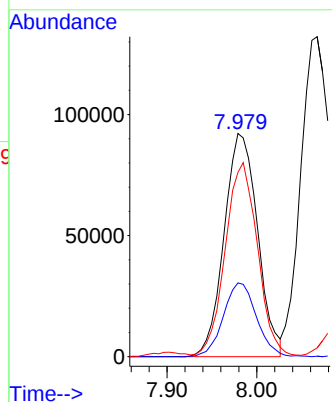
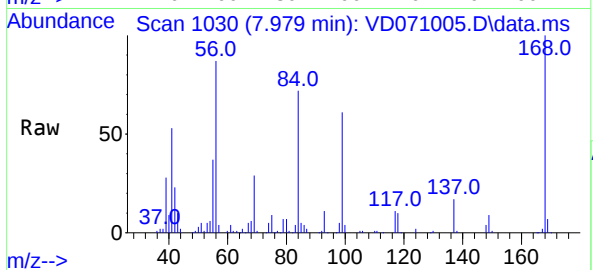




#31  
Cyclohexane  
Concen: 44.541 ug/l  
RT: 7.979 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

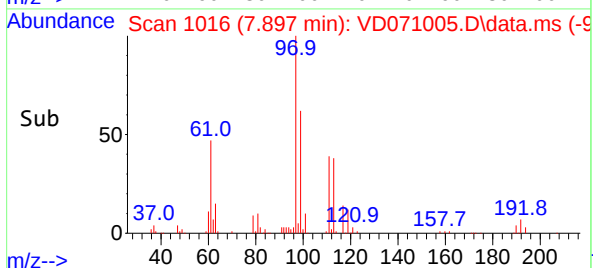
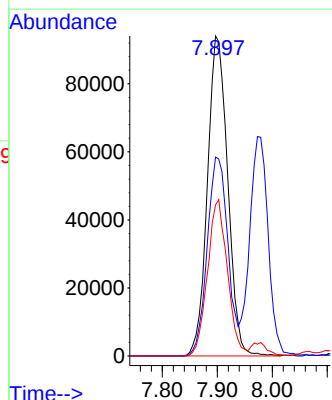
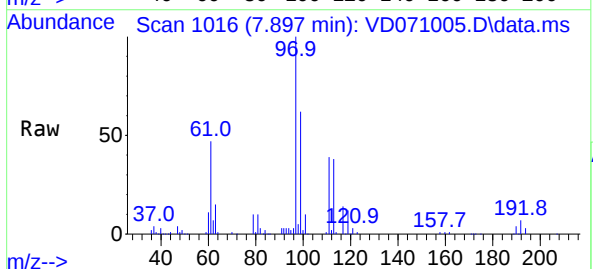
Instrument :  
MSVOA\_D  
ClientSampleId :

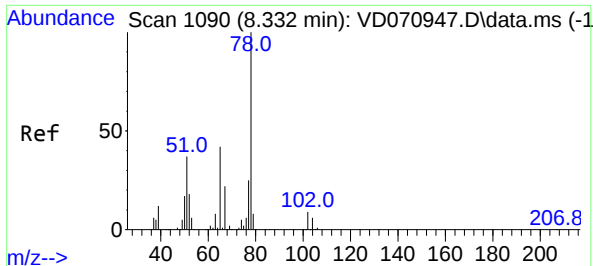
Tgt Ion: 56 Resp: 238747  
Ion Ratio Lower Upper  
56 100  
69 32.5 25.9 38.9  
84 81.2 64.3 96.5



#32  
1,1,1-Trichloroethane  
Concen: 57.421 ug/l  
RT: 7.897 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 97 Resp: 241070  
Ion Ratio Lower Upper  
97 100  
99 63.1 50.3 75.5  
61 48.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 55.440 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071005.D

Acq: 12 Nov 2021 00:27

Instrument :

MSVOA\_D

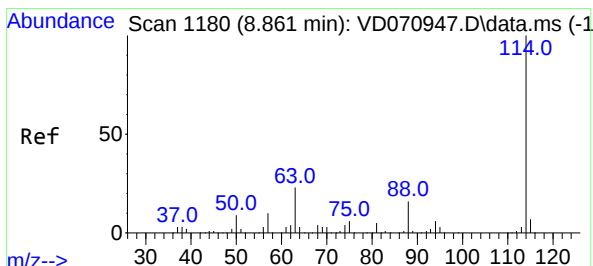
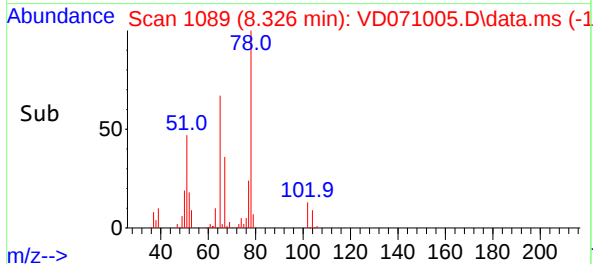
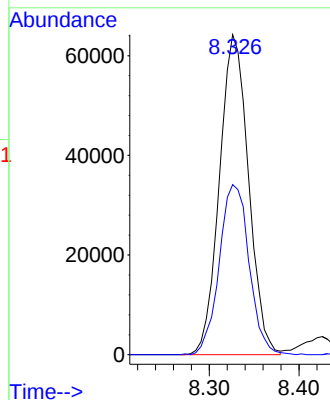
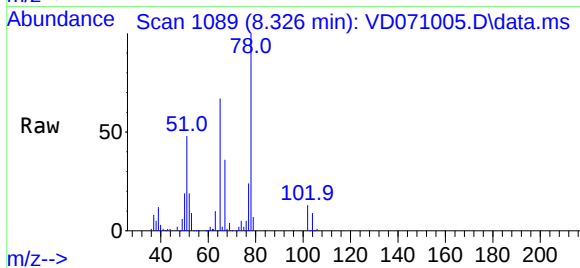
ClientSampleId :

Tgt Ion: 65 Resp: 144502

Ion Ratio Lower Upper

65 100

67 54.6 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071005.D

Acq: 12 Nov 2021 00:27

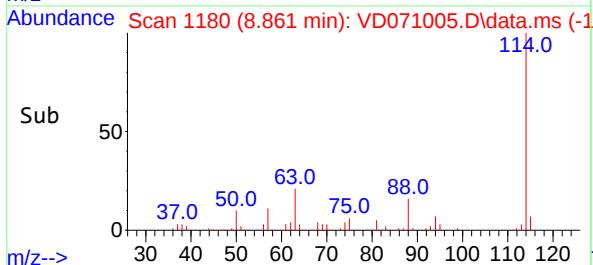
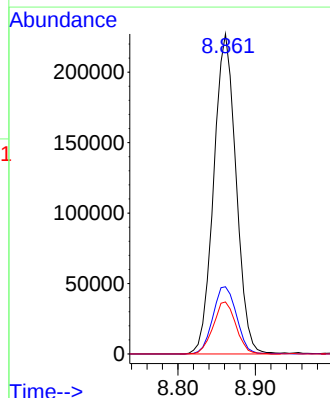
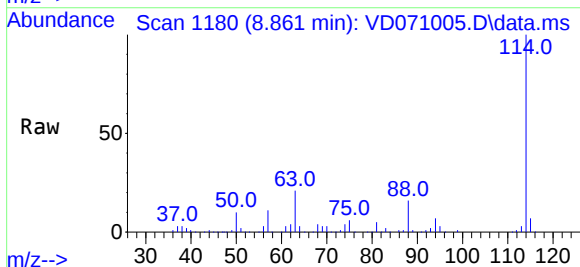
Tgt Ion: 114 Resp: 454380

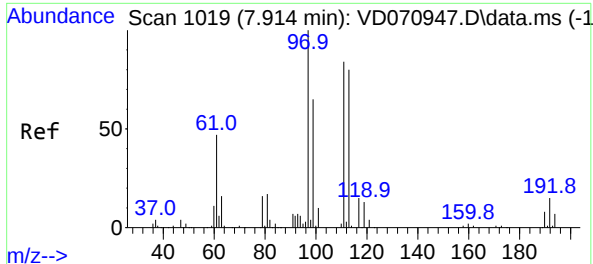
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.8

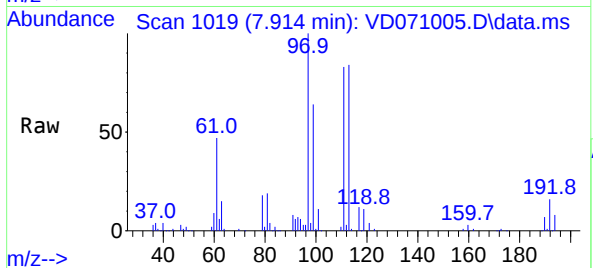
88 16.2 0.0 32.8



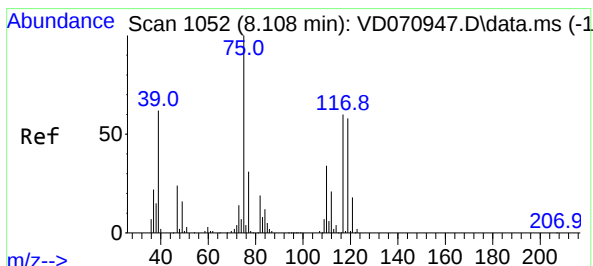
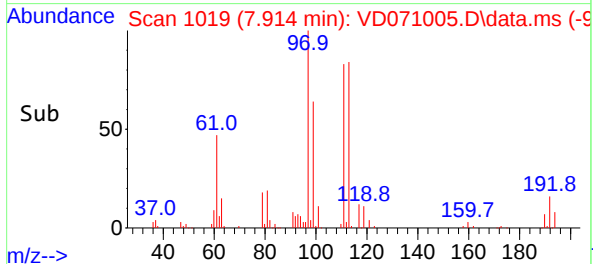
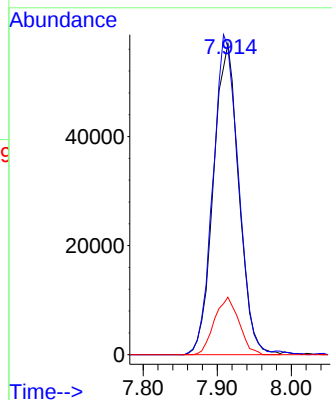


#35  
Dibromofluoromethane  
Concen: 52.858 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

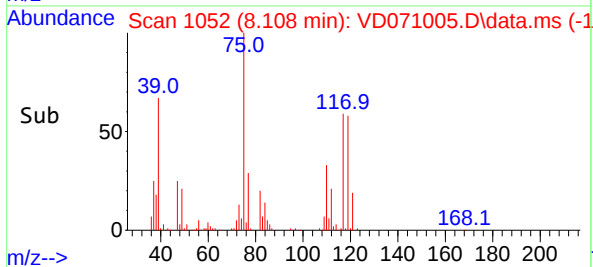
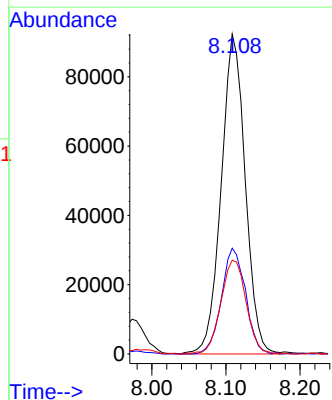
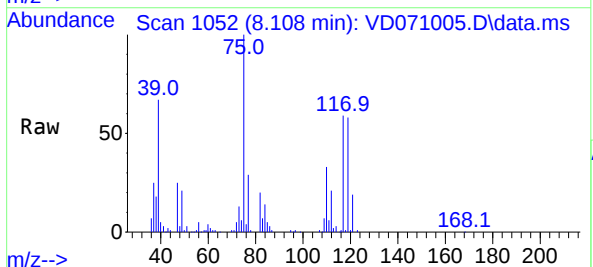


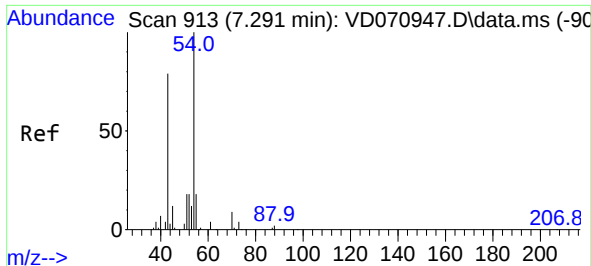
Tgt Ion:113 Resp: 135528  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.0 123.0  
192 17.9 15.2 22.8



#36  
1,1-Dichloropropene  
Concen: 51.239 ug/l  
RT: 8.108 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

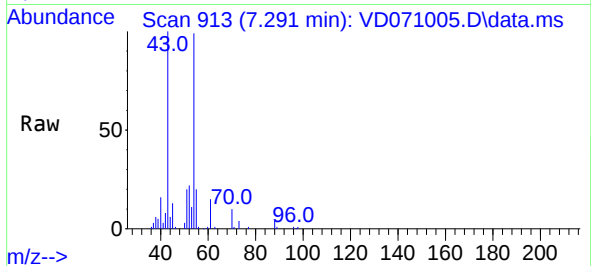
Tgt Ion: 75 Resp: 207874  
Ion Ratio Lower Upper  
75 100  
110 33.0 17.8 53.4  
77 30.9 24.8 37.2



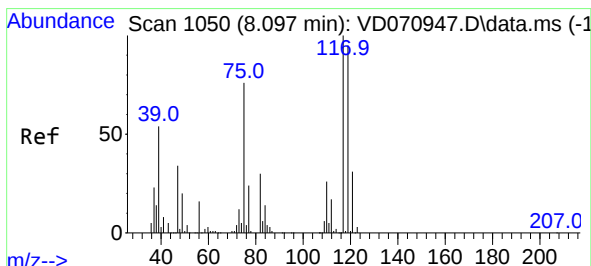
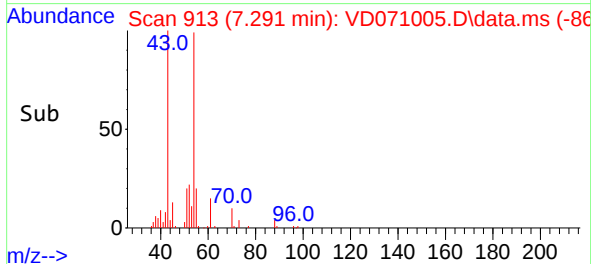
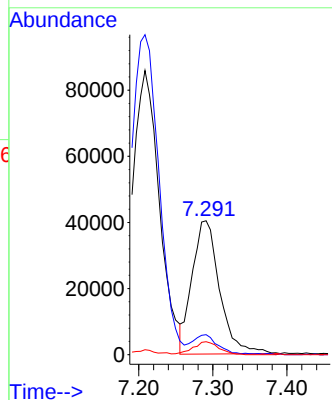


#37  
Ethyl Acetate  
Concen: 56.042 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

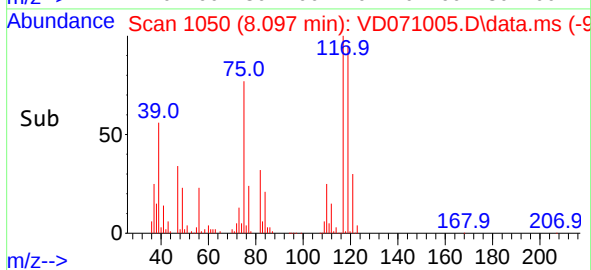
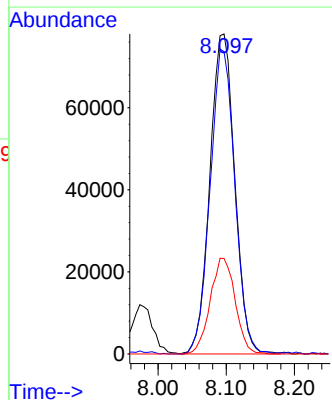
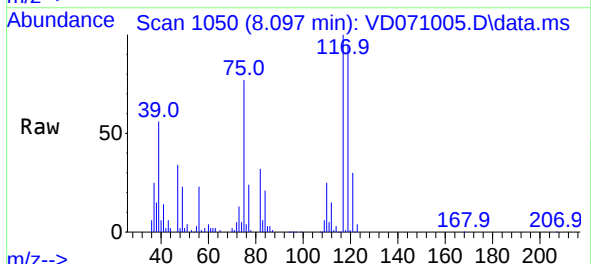


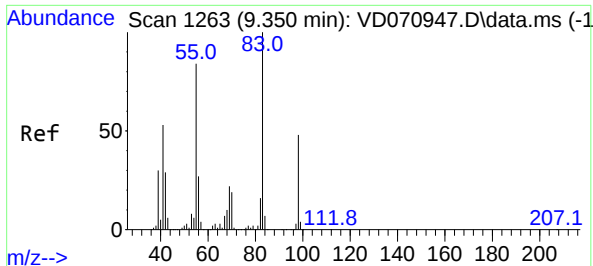
Tgt Ion: 43 Resp: 103728  
Ion Ratio Lower Upper  
43 100  
61 14.6 13.0 19.6  
70 9.2 8.7 13.1



#38  
Carbon Tetrachloride  
Concen: 53.088 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 117 Resp: 198340  
Ion Ratio Lower Upper  
117 100  
119 94.5 75.8 113.6  
121 29.8 23.6 35.4





#39

Methylcyclohexane

Concen: 45.001 ug/l

RT: 9.355 min Scan# 1

Delta R.T. 0.005 min

Lab File: VD071005.D

Acq: 12 Nov 2021 00:27

Instrument :

MSVOA\_D

ClientSampleId :

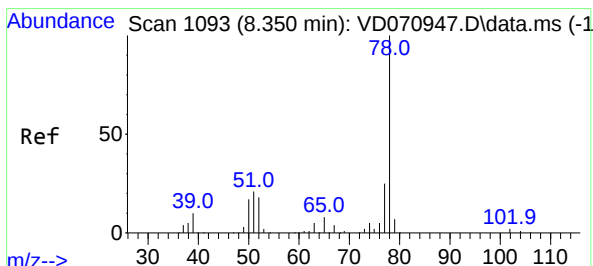
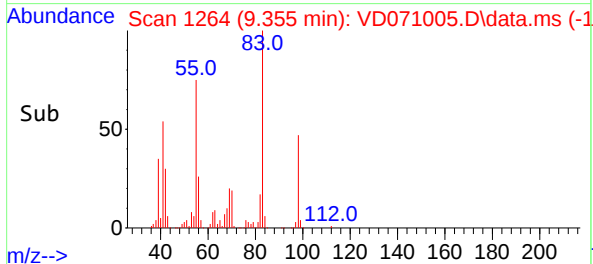
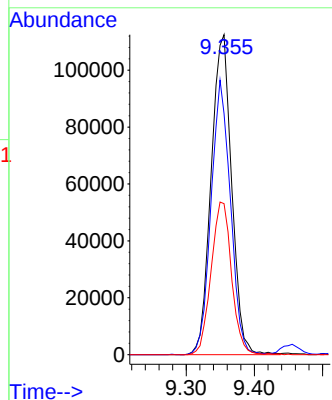
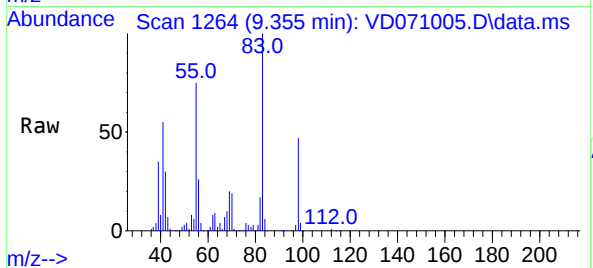
Tgt Ion: 83 Resp: 235783

Ion Ratio Lower Upper

83 100

55 75.4 65.8 98.8

98 47.2 38.7 58.1



#40

Benzene

Concen: 53.276 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071005.D

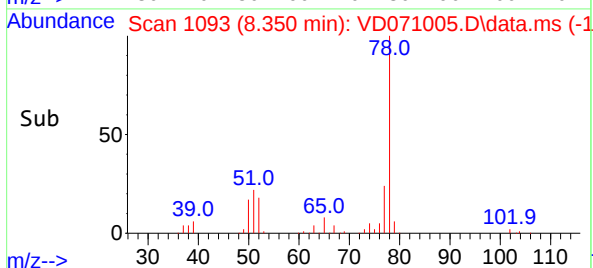
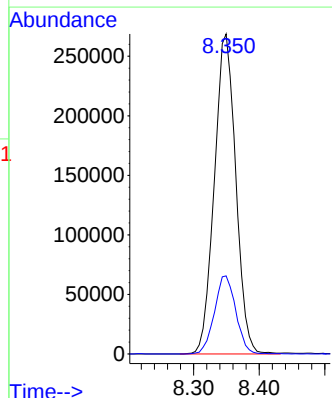
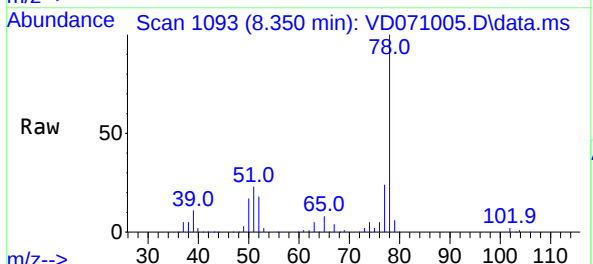
Acq: 12 Nov 2021 00:27

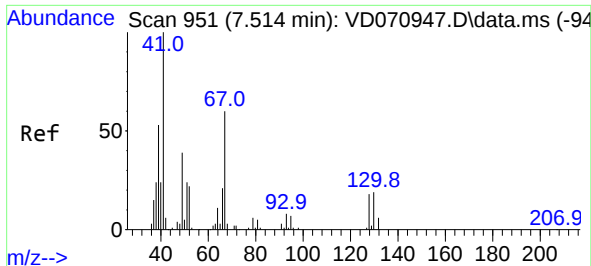
Tgt Ion: 78 Resp: 608684

Ion Ratio Lower Upper

78 100

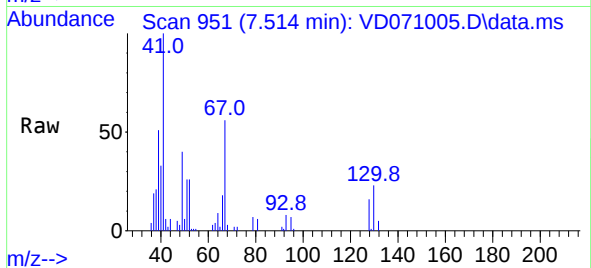
77 24.4 19.1 28.7



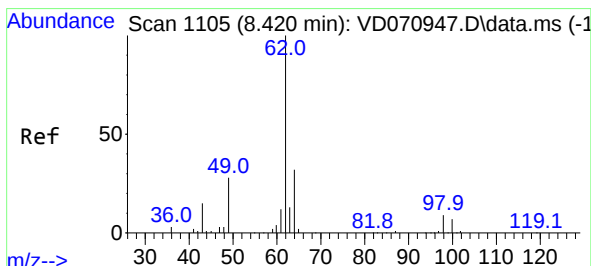
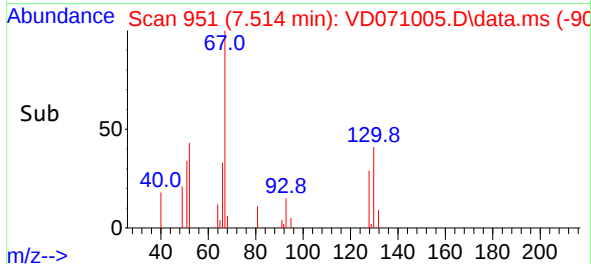
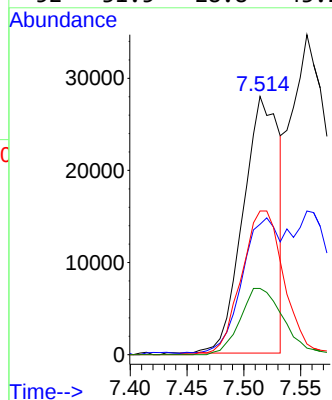


#41  
Methacrylonitrile  
Concen: 46.212 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

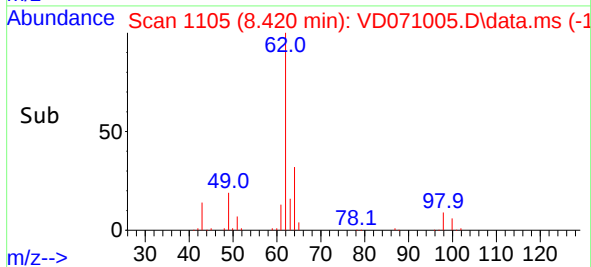
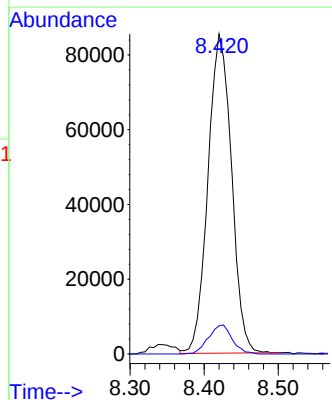
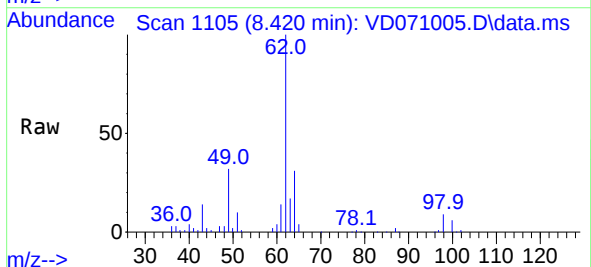


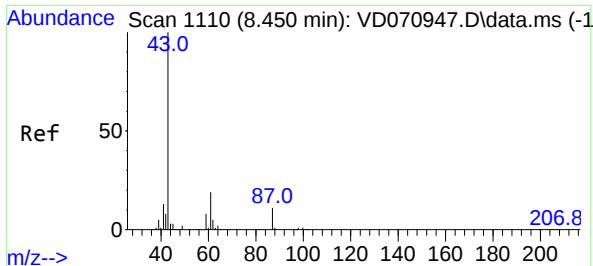
Tgt Ion: 41 Resp: 61107  
Ion Ratio Lower Upper  
41 100  
39 54.4 60.2 90.4#  
67 66.5 74.8 112.2#  
52 31.5 28.8 43.2



#42  
1,2-Dichloroethane  
Concen: 58.228 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

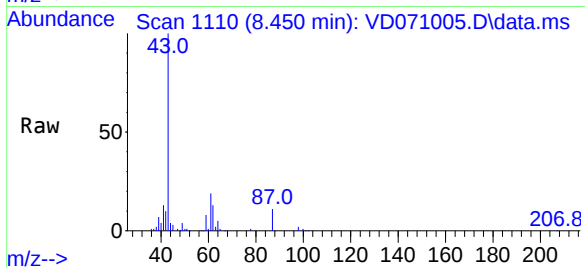
Tgt Ion: 62 Resp: 188432  
Ion Ratio Lower Upper  
62 100  
98 9.1 0.0 21.8



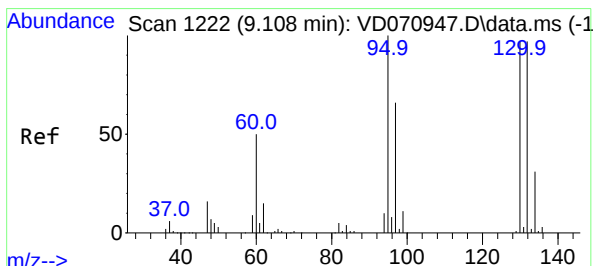
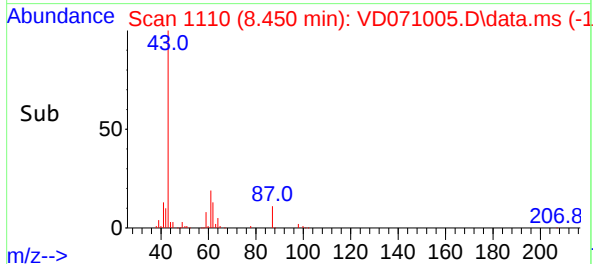
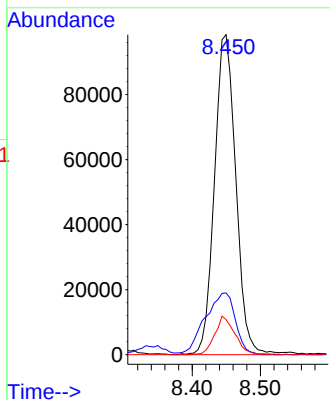


#43  
Isopropyl Acetate  
Concen: 54.748 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

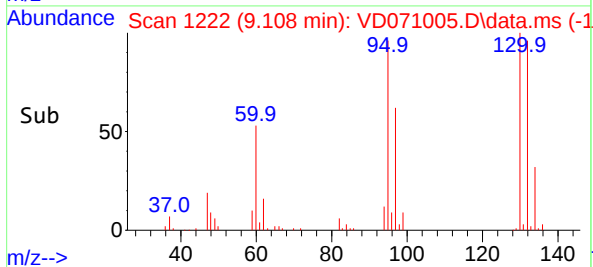
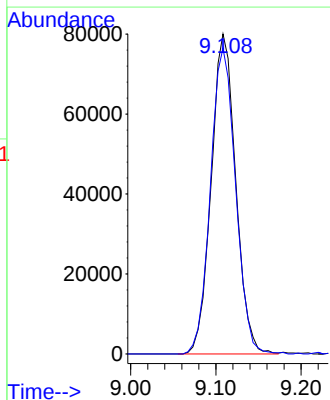
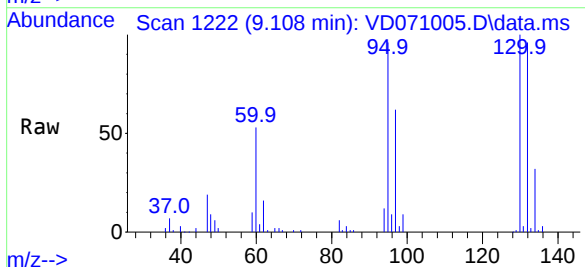


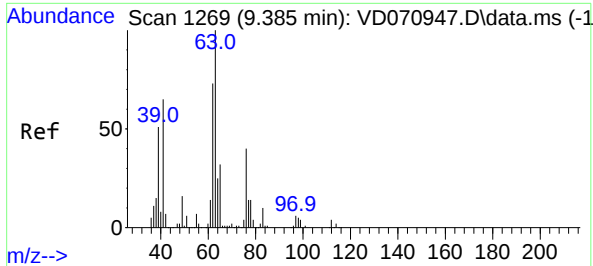
Tgt Ion: 43 Resp: 214456  
Ion Ratio Lower Upper  
43 100  
61 27.4 28.2 42.4#  
87 11.3 10.7 16.1



#44  
Trichloroethene  
Concen: 54.210 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion:130 Resp: 159642  
Ion Ratio Lower Upper  
130 100  
95 95.6 0.0 193.2

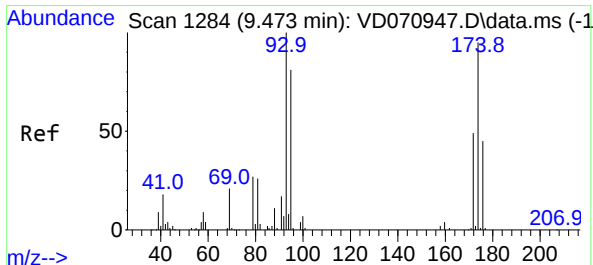
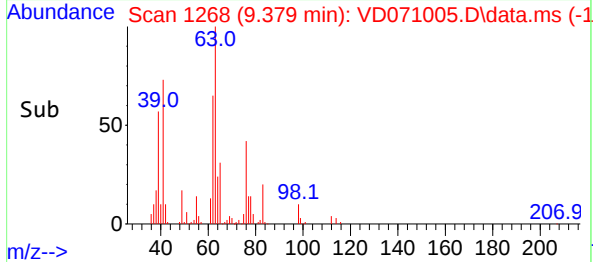
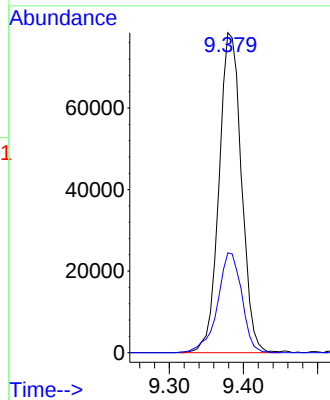
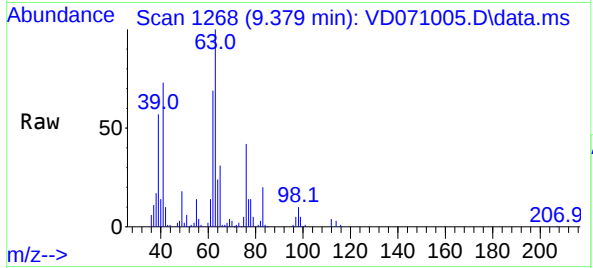




#45  
1,2-Dichloropropane  
Concen: 53.400 ug/l  
RT: 9.379 min Scan# 1268  
Delta R.T. -0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

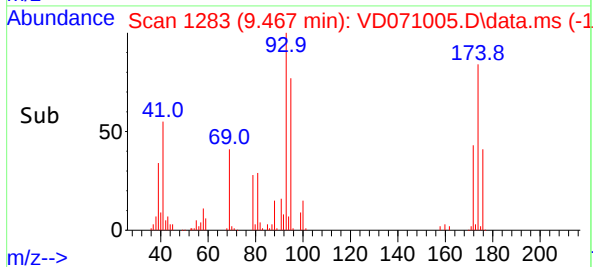
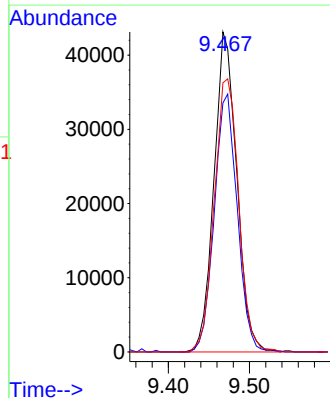
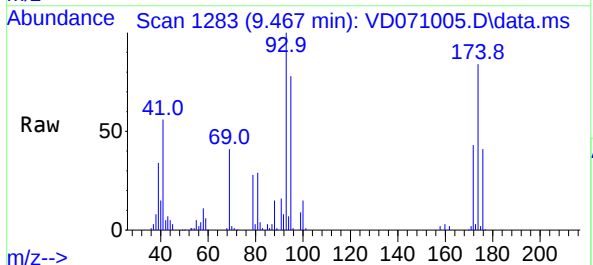
Instrument :  
MSVOA\_D  
ClientSampleId :

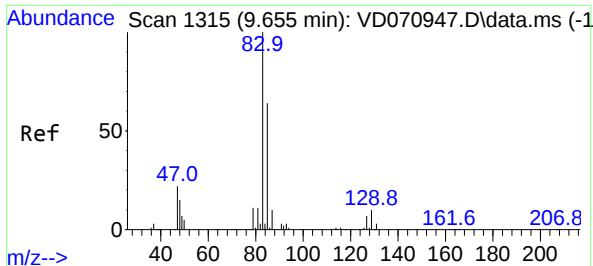
Tgt Ion: 63 Resp: 164998  
Ion Ratio Lower Upper  
63 100  
65 31.2 24.2 36.2



#46  
Dibromomethane  
Concen: 57.108 ug/l  
RT: 9.467 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

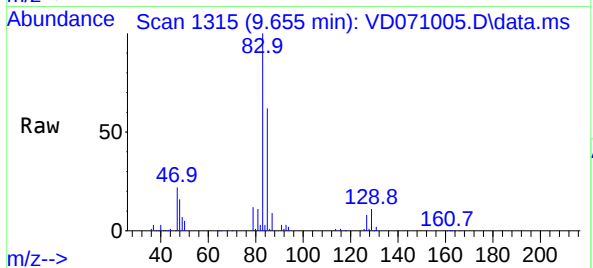
Tgt Ion: 93 Resp: 83989  
Ion Ratio Lower Upper  
93 100  
95 81.5 66.1 99.1  
174 91.4 78.6 117.8



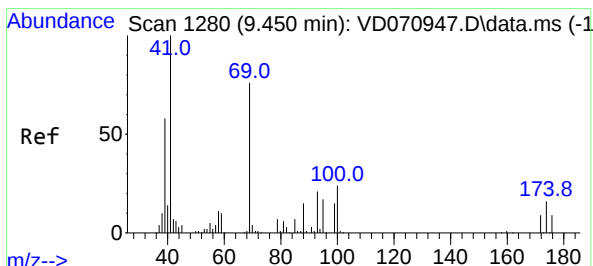
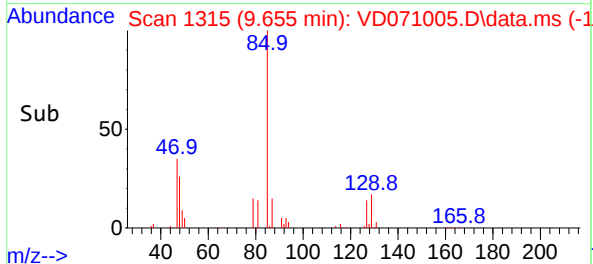
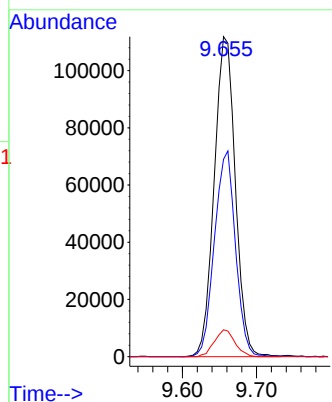


#47  
Bromodichloromethane  
Concen: 57.011 ug/l  
RT: 9.655 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

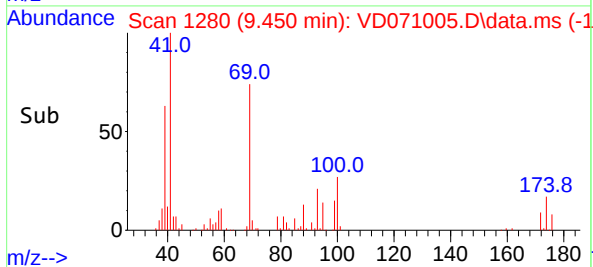
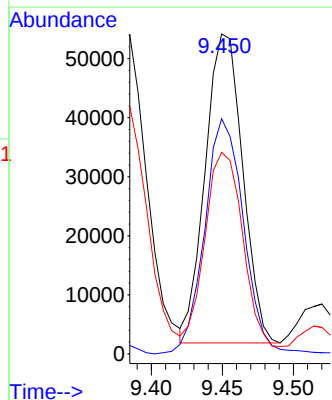
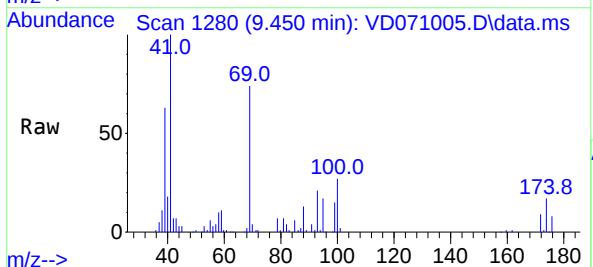


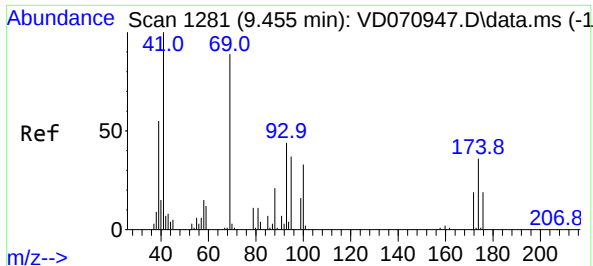
Tgt Ion: 83 Resp: 221775  
Ion Ratio Lower Upper  
83 100  
85 61.7 50.0 75.0  
127 8.4 7.3 10.9



#48  
Methyl methacrylate  
Concen: 49.882 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 41 Resp: 95854  
Ion Ratio Lower Upper  
41 100  
69 79.7 69.8 104.6  
39 67.9 35.6 53.4#

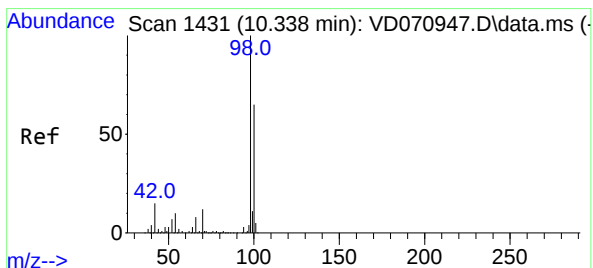
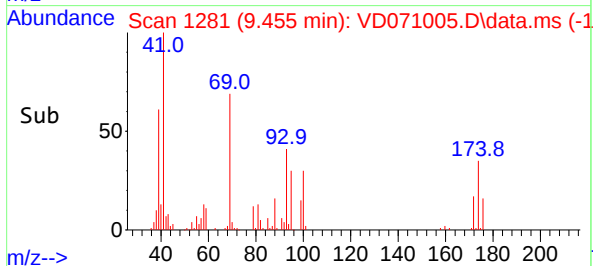
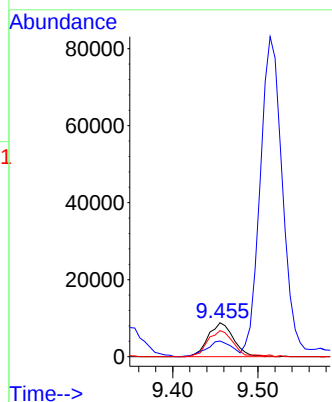
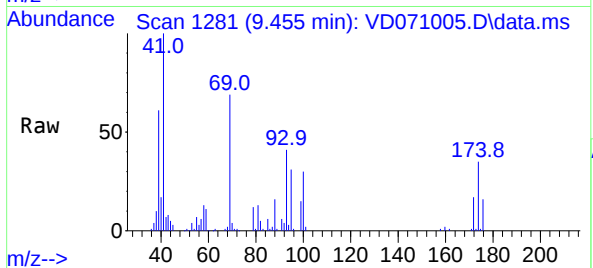




#49  
1,4-Dioxane  
Concen: 1067.890 ug/l  
RT: 9.455 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

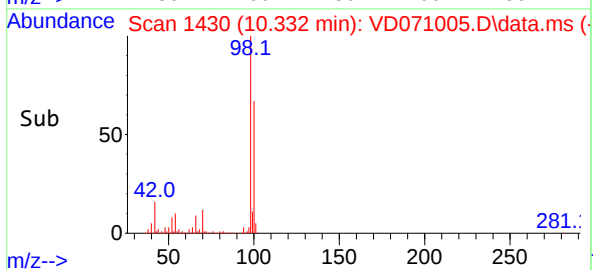
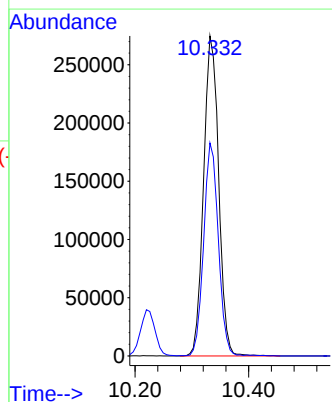
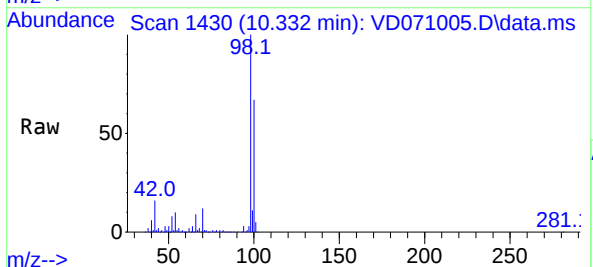
Instrument :  
MSVOA\_D  
ClientSampleId :

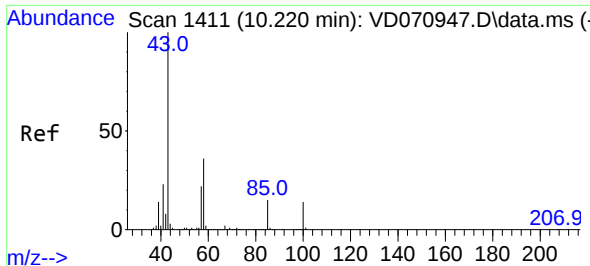
Tgt Ion: 88 Resp: 18197  
Ion Ratio Lower Upper  
88 100  
43 46.9 28.9 43.3#  
58 78.8 56.3 84.5



#50  
Toluene-d8  
Concen: 50.267 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

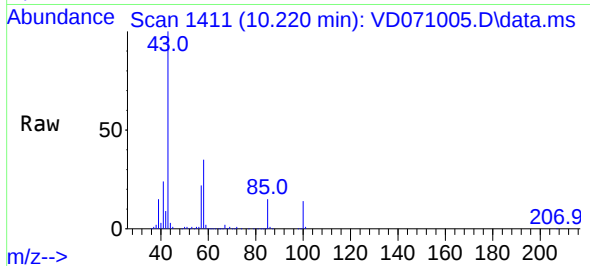
Tgt Ion: 98 Resp: 504737  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.8 77.6



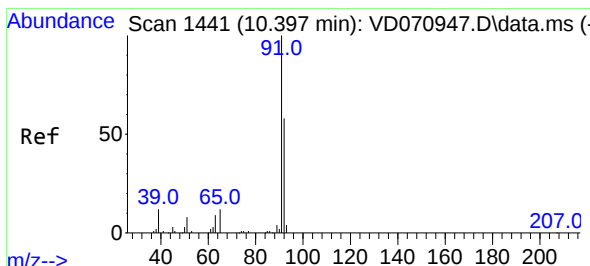
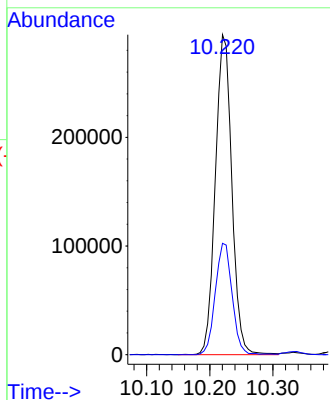
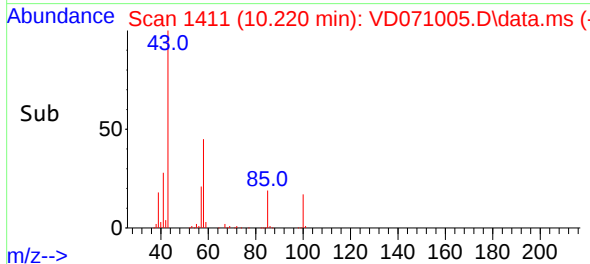


#51  
4-Methyl-2-Pentanone  
Concen: 281.647 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

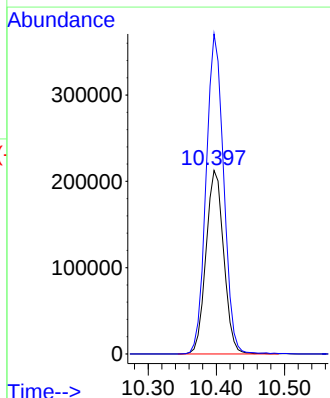
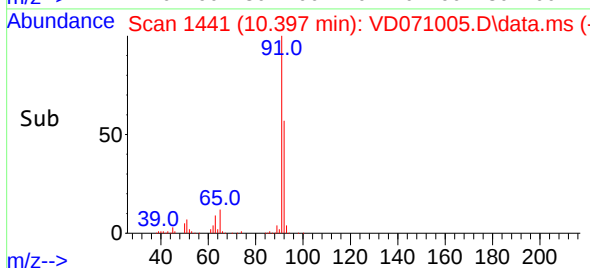
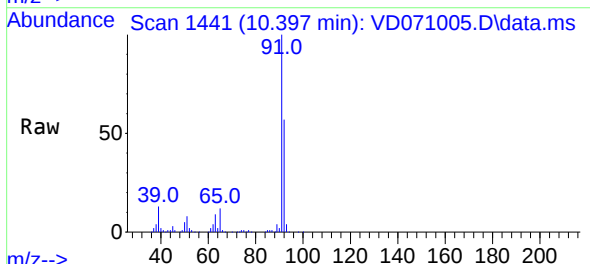


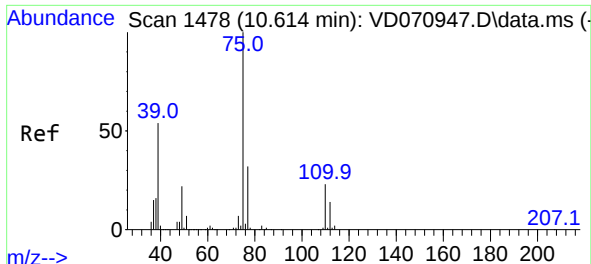
Tgt Ion: 43 Resp: 534878  
Ion Ratio Lower Upper  
43 100  
58 35.4 33.1 49.7



#52  
Toluene  
Concen: 53.433 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 92 Resp: 384826  
Ion Ratio Lower Upper  
92 100  
91 172.4 140.7 211.1

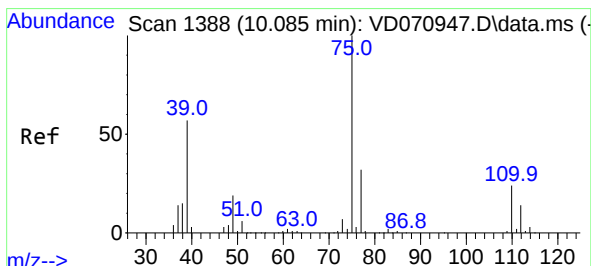
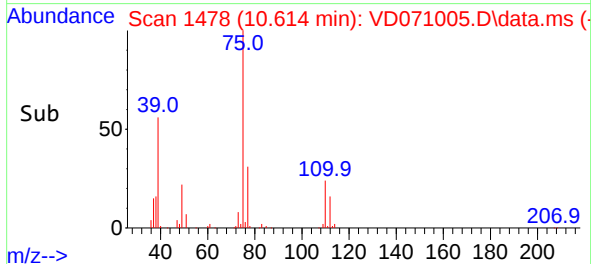
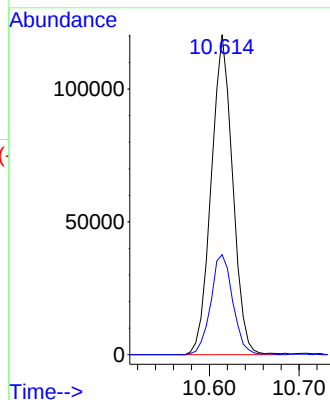
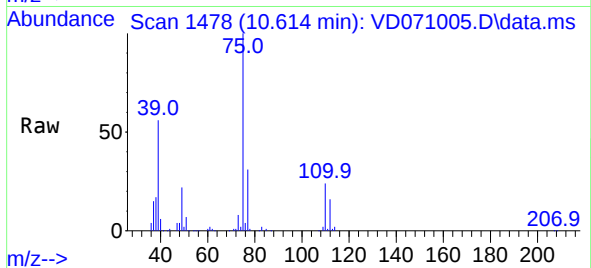




#53  
t-1,3-Dichloropropene  
Concen: 50.900 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

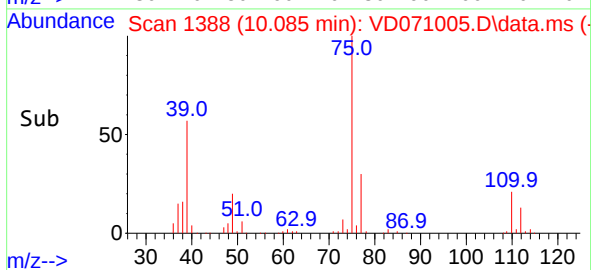
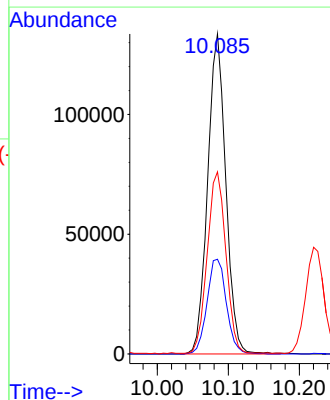
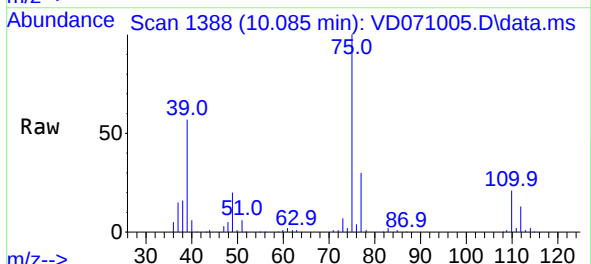
Instrument :  
MSVOA\_D  
ClientSampleId :

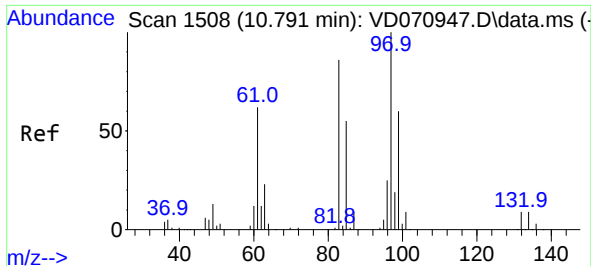
Tgt Ion: 75 Resp: 199671  
Ion Ratio Lower Upper  
75 100  
77 31.3 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 51.297 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

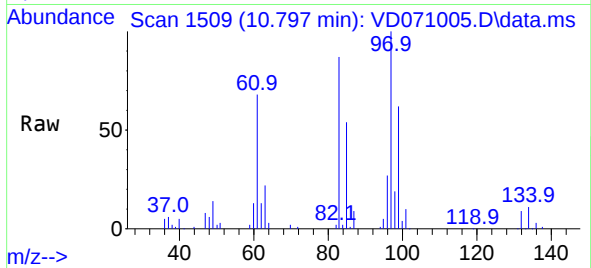
Tgt Ion: 75 Resp: 237290  
Ion Ratio Lower Upper  
75 100  
77 29.6 25.0 37.6  
39 56.7 31.6 47.4#



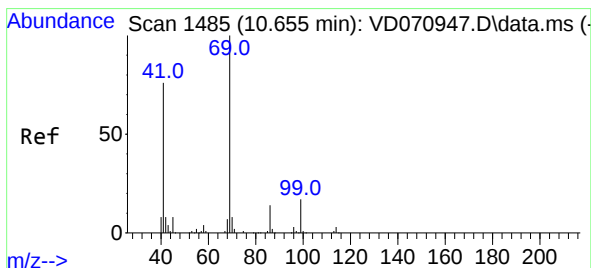
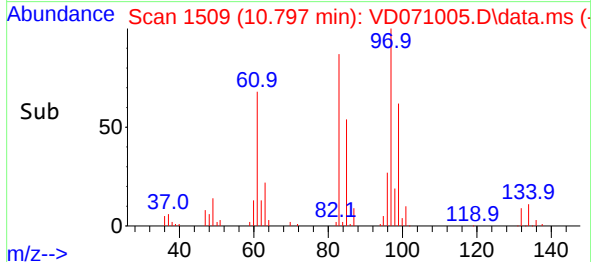
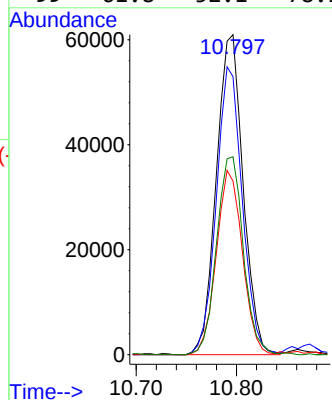


#55  
1,1,2-Trichloroethane  
Concen: 55.966 ug/l  
RT: 10.797 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

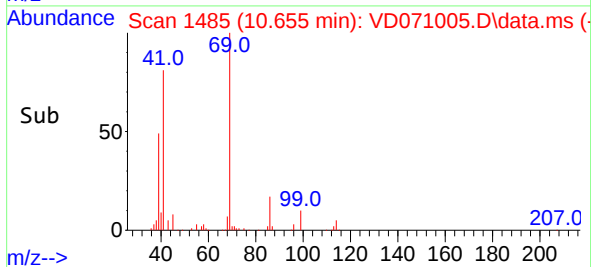
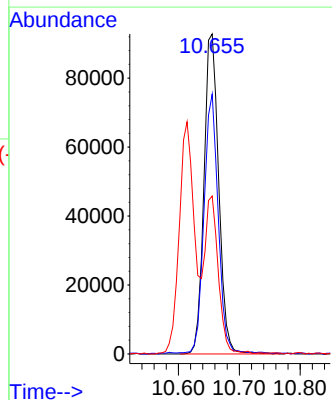
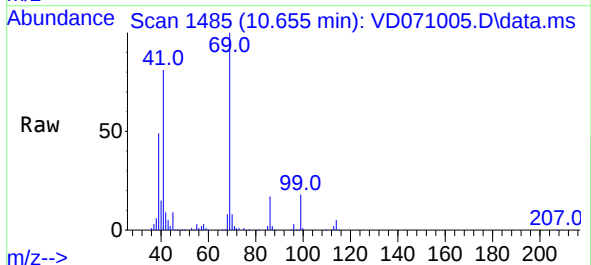


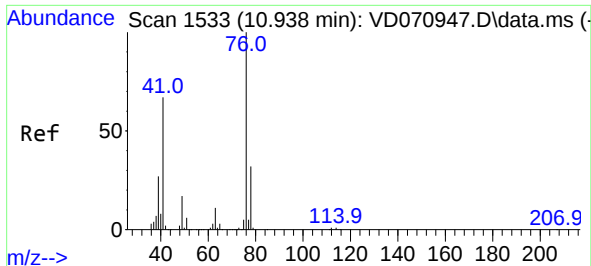
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 113125 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.9  | 65.2  | 97.8   |
| 85       | 54.3  | 43.4  | 65.0   |
| 99       | 61.8  | 52.1  | 78.1   |



#56  
Ethyl methacrylate  
Concen: 54.669 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 156352 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 78.0  | 50.2  | 75.2#  |
| 39       | 43.2  | 19.8  | 29.8#  |





#57

1,3-Dichloropropane

Concen: 55.706 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD071005.D

Acq: 12 Nov 2021 00:27

Instrument :

MSVOA\_D

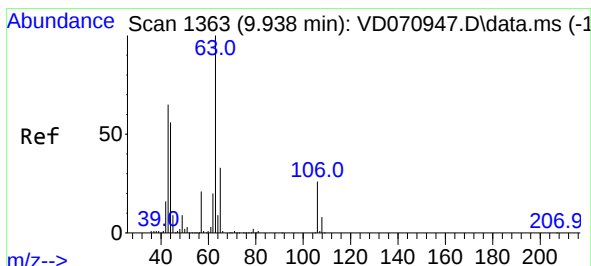
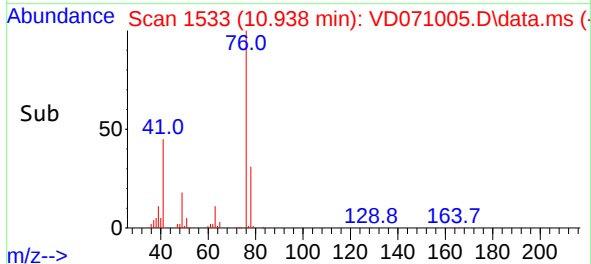
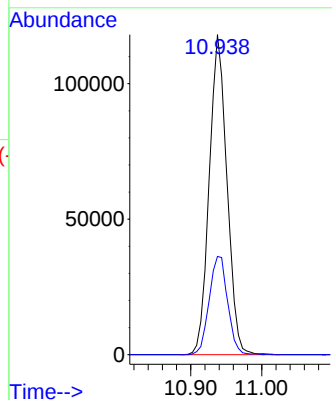
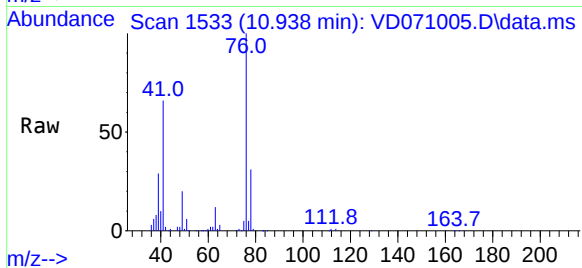
ClientSampleId :

Tgt Ion: 76 Resp: 204479

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 264.374 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071005.D

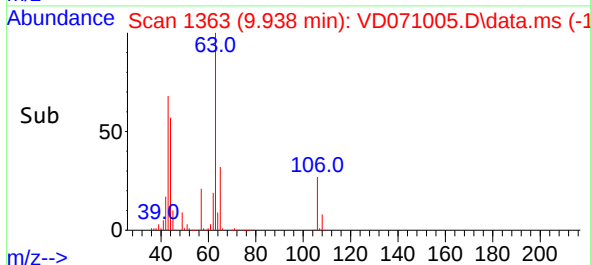
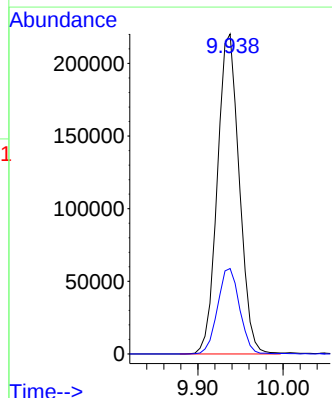
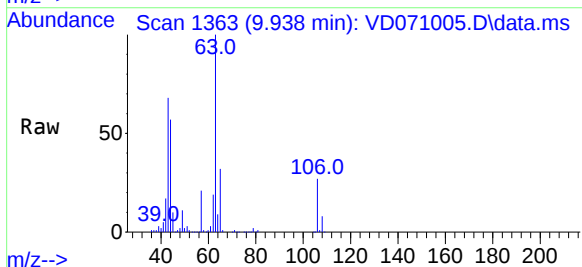
Acq: 12 Nov 2021 00:27

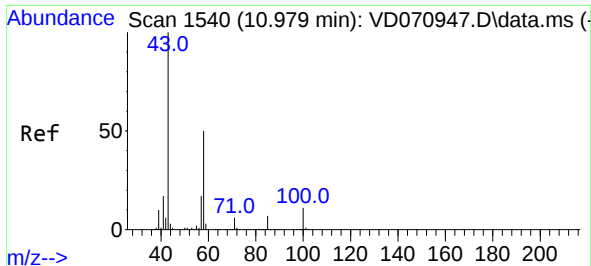
Tgt Ion: 63 Resp: 393077

Ion Ratio Lower Upper

63 100

106 26.8 21.0 31.4

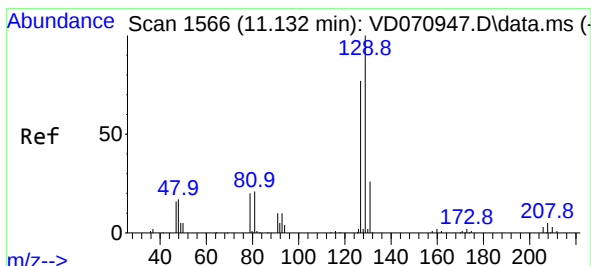
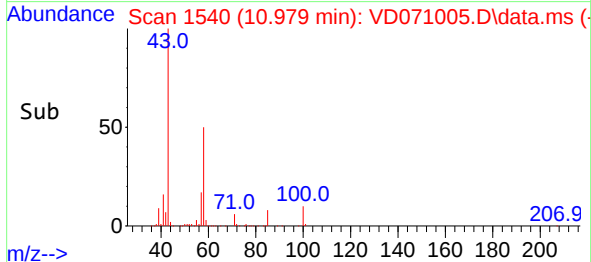
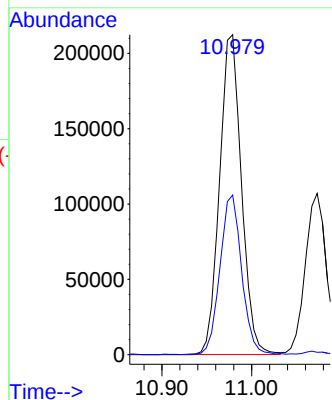
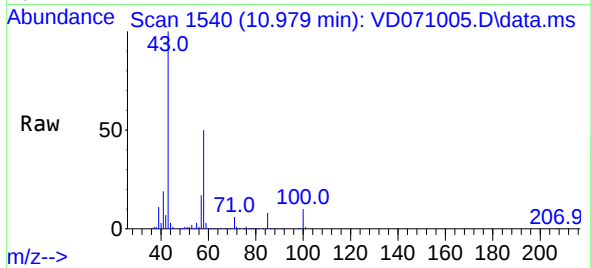




#59  
2-Hexanone  
Concen: 242.696 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

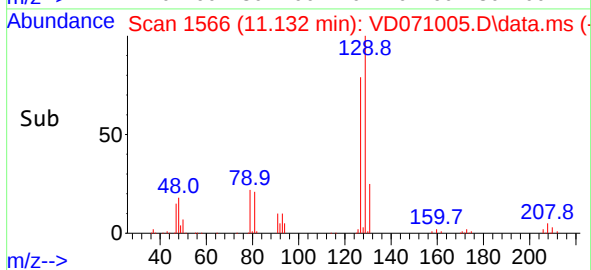
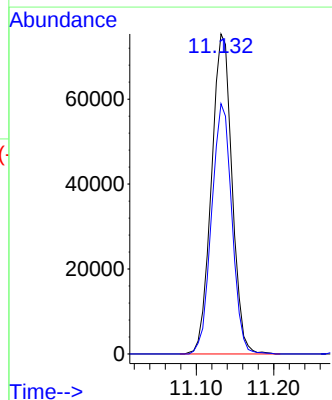
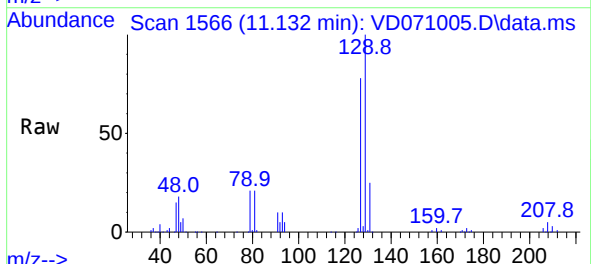
Instrument :  
MSVOA\_D  
ClientSampleId :

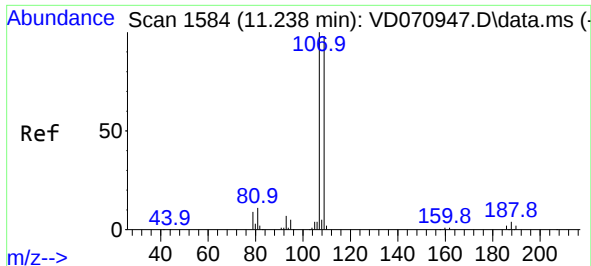
Tgt Ion: 43 Resp: 359684  
Ion Ratio Lower Upper  
43 100  
58 49.5 28.7 86.1



#60  
Dibromochloromethane  
Concen: 57.221 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 129 Resp: 138755  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.9 116.6

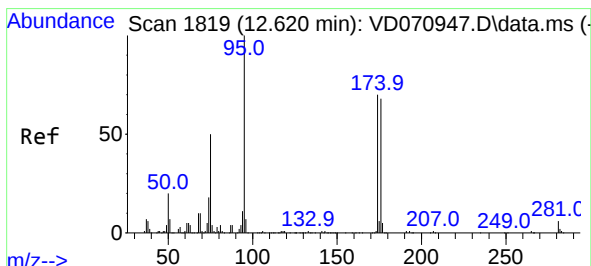
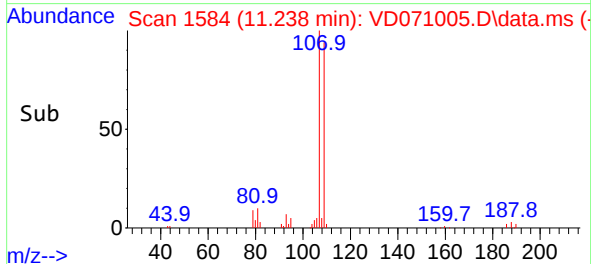
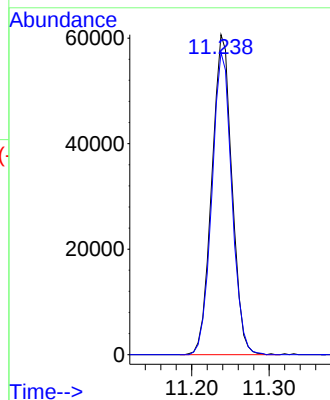
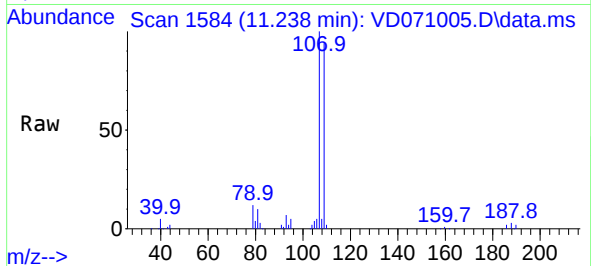




#61  
1,2-Dibromoethane  
Concen: 55.481 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

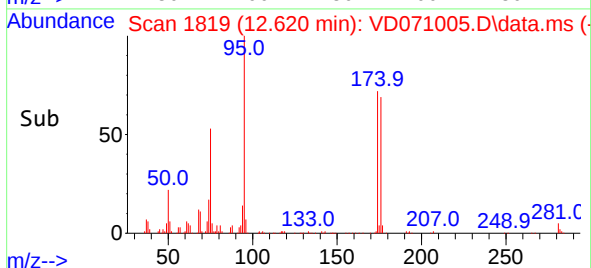
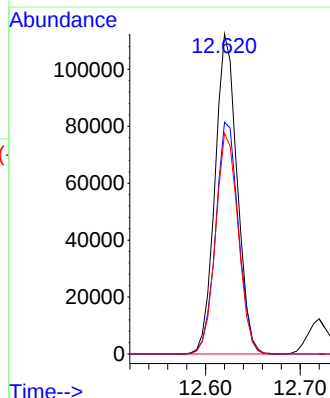
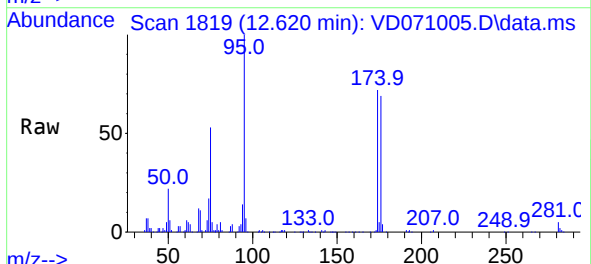
Instrument :  
MSVOA\_D  
ClientSampleId :

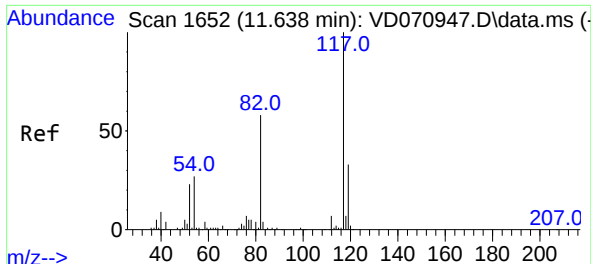
Tgt Ion:107 Resp: 109087  
Ion Ratio Lower Upper  
107 100  
109 93.7 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 50.409 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

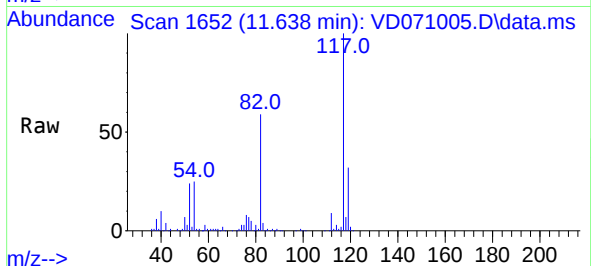
Tgt Ion: 95 Resp: 182248  
Ion Ratio Lower Upper  
95 100  
174 74.7 0.0 159.4  
176 70.8 0.0 154.0



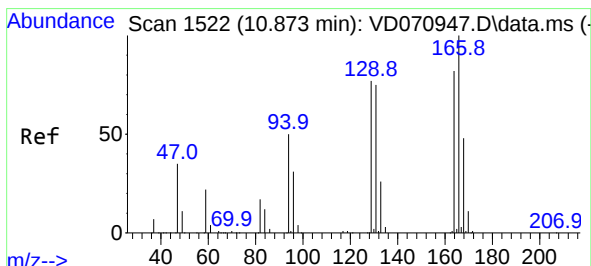
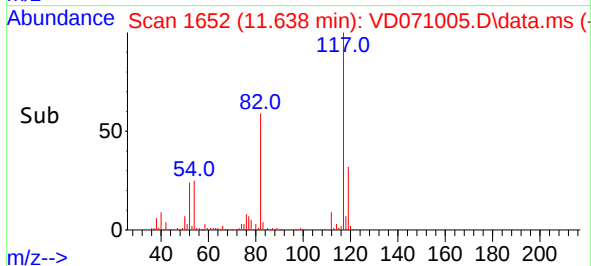
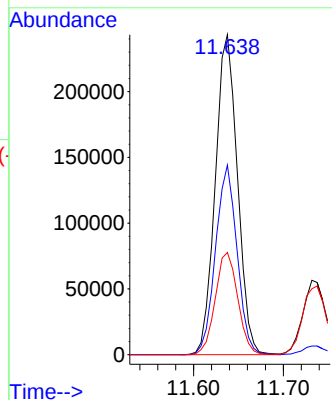


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

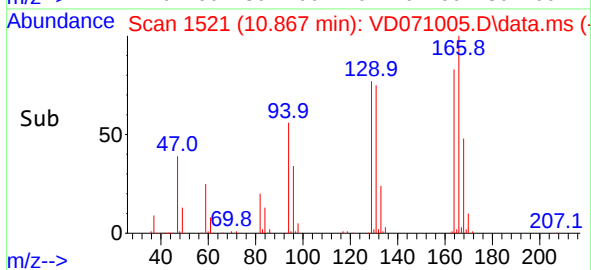
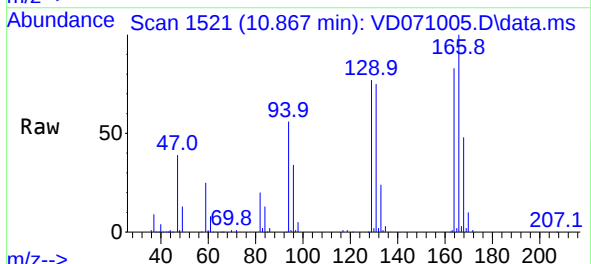
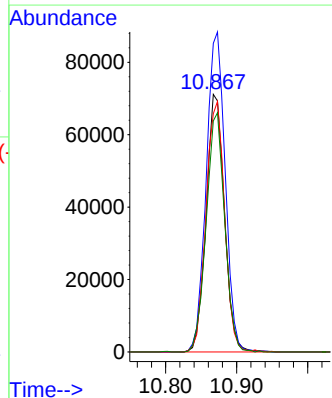


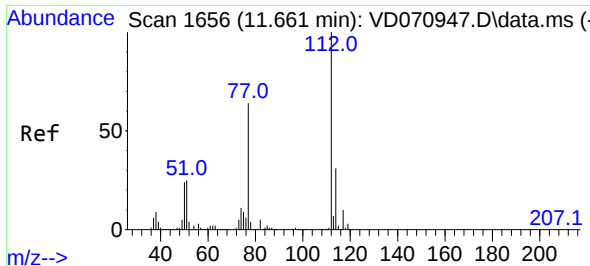
Tgt Ion:117 Resp: 417691  
Ion Ratio Lower Upper  
117 100  
82 59.3 44.7 67.1  
119 31.9 26.2 39.4



#64  
Tetrachloroethene  
Concen: 52.329 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

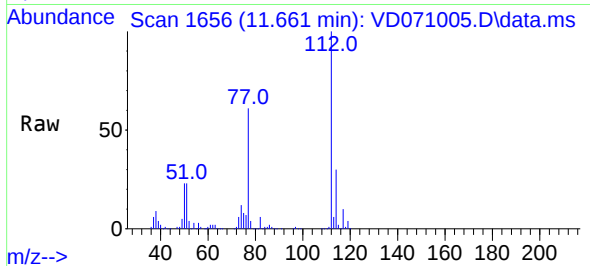
Tgt Ion:164 Resp: 127454  
Ion Ratio Lower Upper  
164 100  
166 119.8 102.6 153.8  
129 92.5 75.4 113.0  
131 89.7 70.6 106.0



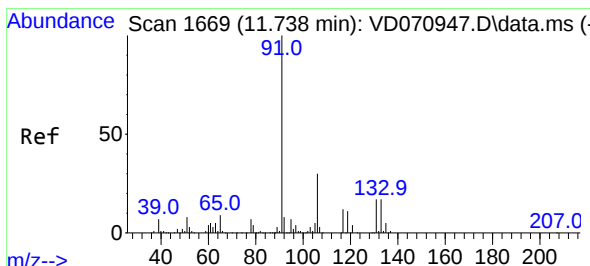
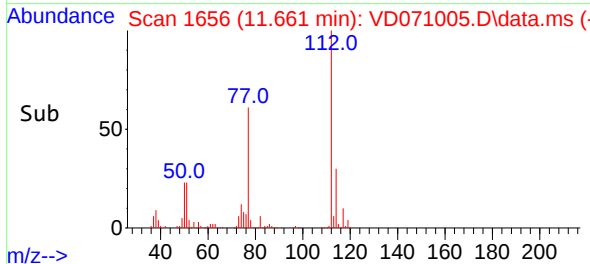
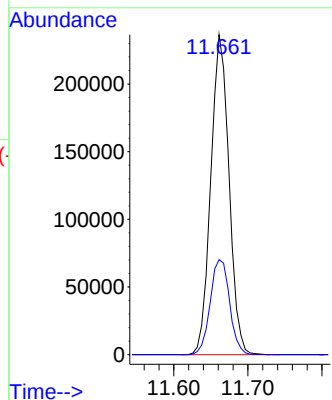


#65  
Chlorobenzene  
Concen: 54.120 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

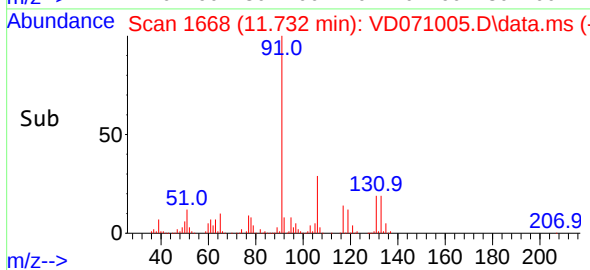
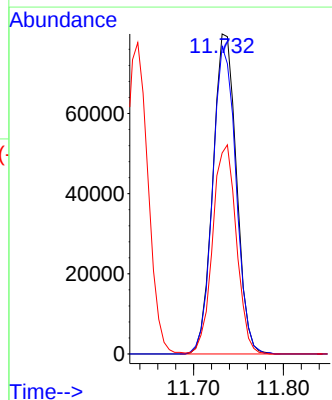
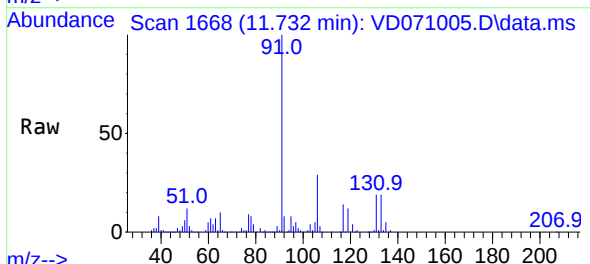


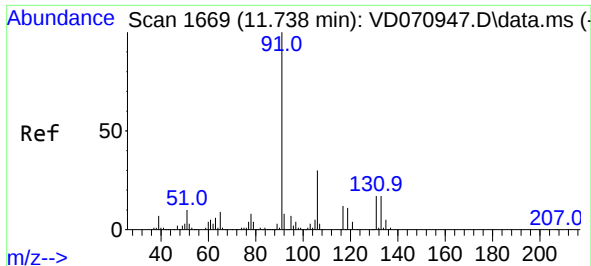
Tgt Ion:112 Resp: 403334  
Ion Ratio Lower Upper  
112 100  
114 29.7 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.048 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion:131 Resp: 145612  
Ion Ratio Lower Upper  
131 100  
133 95.4 48.0 144.0  
119 65.8 33.5 100.4





#67

Ethyl Benzene

Concen: 52.387 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071005.D

Acq: 12 Nov 2021 00:27

Instrument :

MSVOA\_D

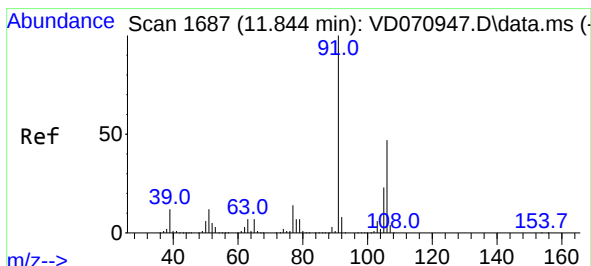
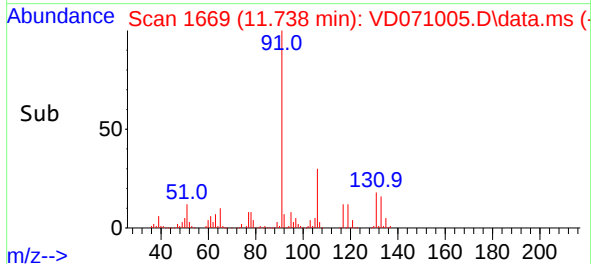
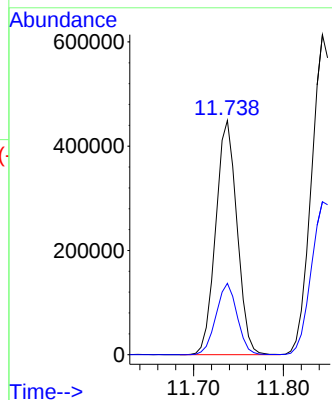
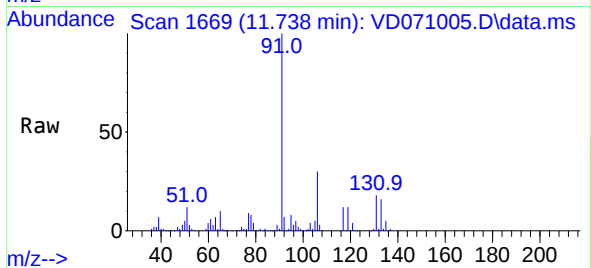
ClientSampleId :

Tgt Ion: 91 Resp: 739369

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 106.462 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD071005.D

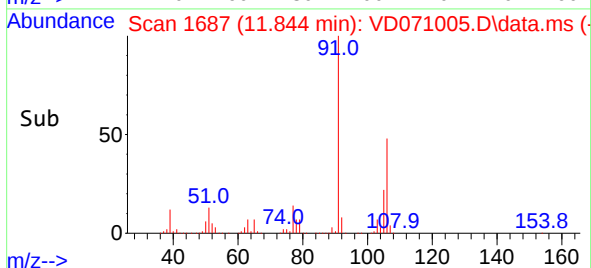
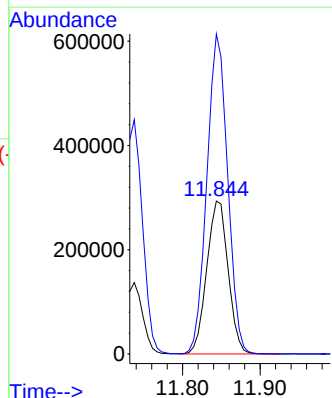
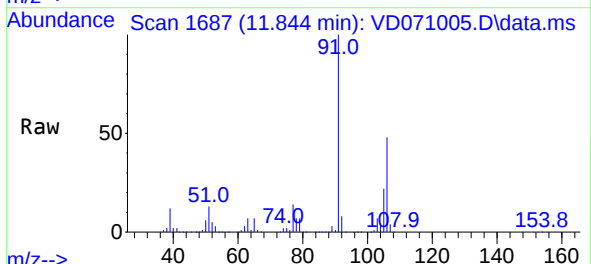
Acq: 12 Nov 2021 00:27

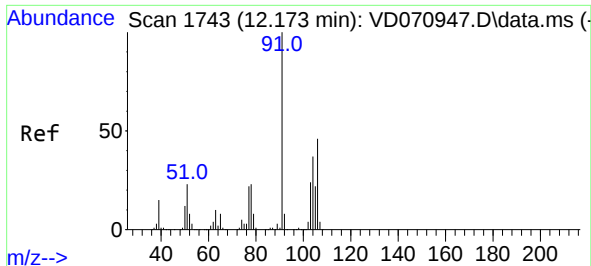
Tgt Ion:106 Resp: 561572

Ion Ratio Lower Upper

106 100

91 203.6 160.1 240.1

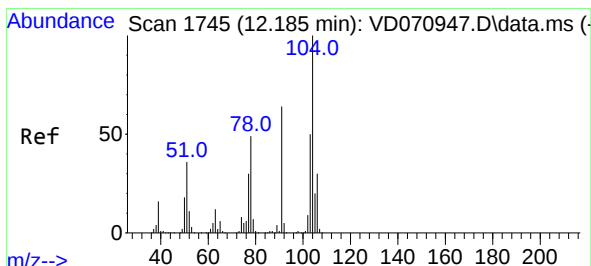
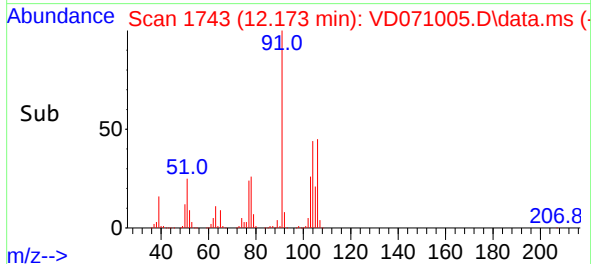
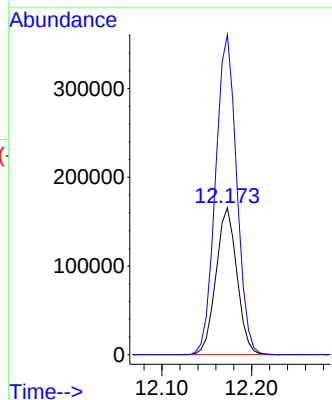
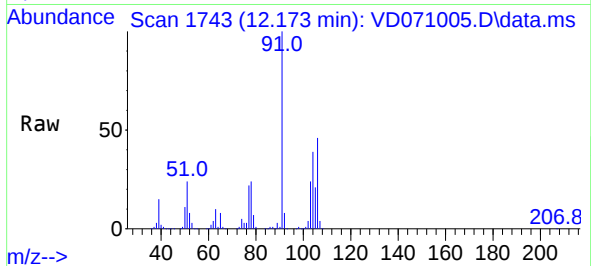




#69  
o-Xylene  
Concen: 53.577 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

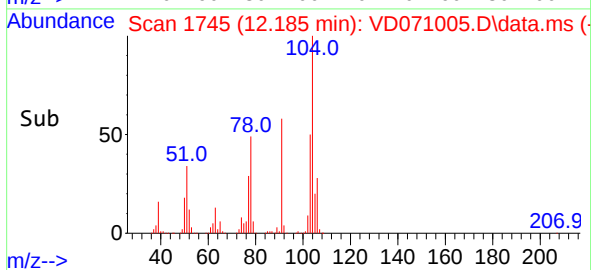
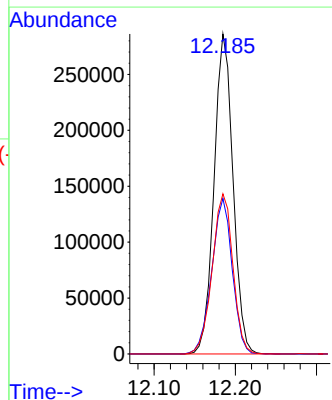
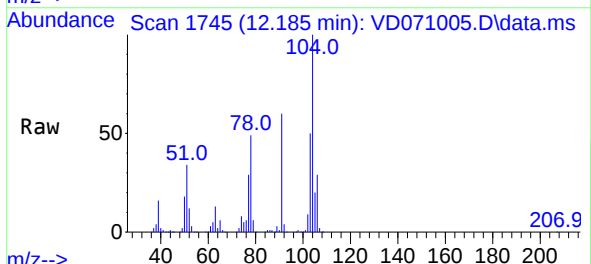
Instrument :  
MSVOA\_D  
ClientSampleId :

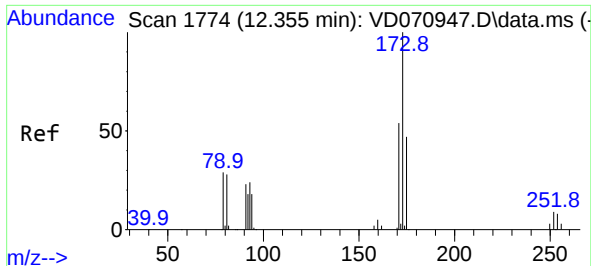
Tgt Ion:106 Resp: 268814  
Ion Ratio Lower Upper  
106 100  
91 219.6 106.3 319.0



#70  
Styrene  
Concen: 54.677 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion:104 Resp: 464500  
Ion Ratio Lower Upper  
104 100  
78 52.6 39.4 59.0  
103 54.7 43.4 65.0

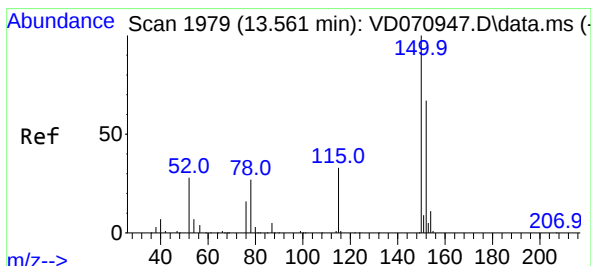
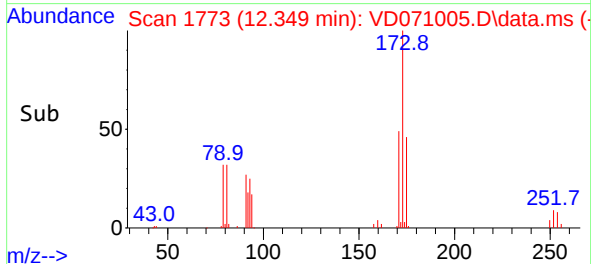
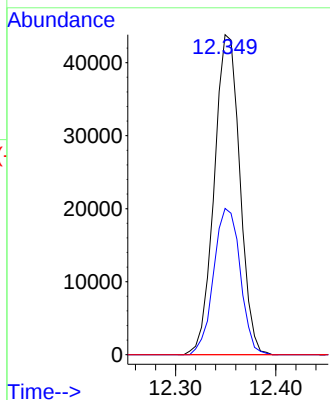
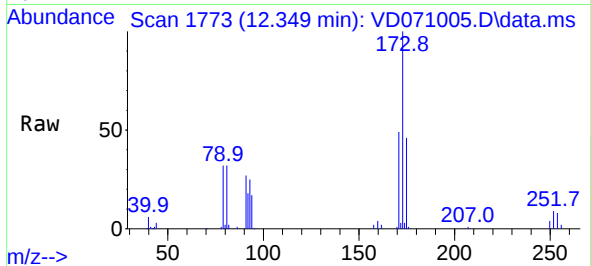




#71  
Bromoform  
Concen: 56.355 ug/l  
RT: 12.349 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

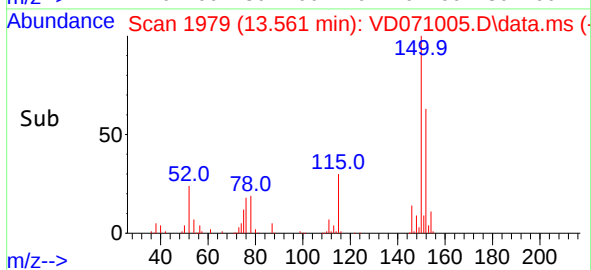
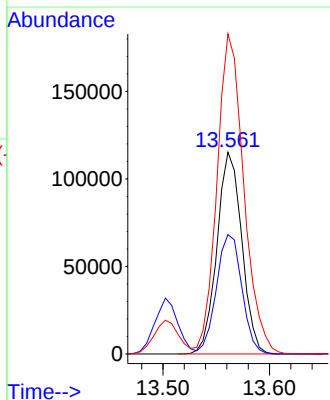
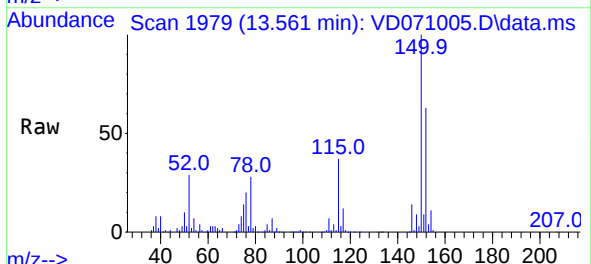
Instrument :  
MSVOA\_D  
ClientSampleId :

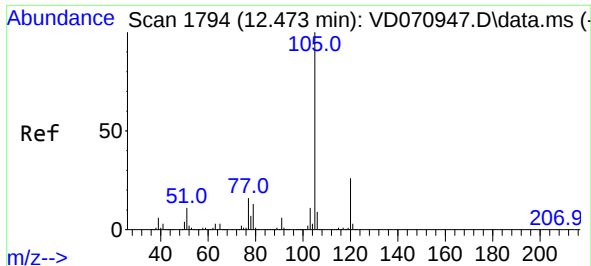
Tgt Ion:173 Resp: 77737  
Ion Ratio Lower Upper  
173 100  
175 47.5 24.1 72.2  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion:152 Resp: 186653  
Ion Ratio Lower Upper  
152 100  
115 60.6 29.8 89.3  
150 171.7 0.0 349.2

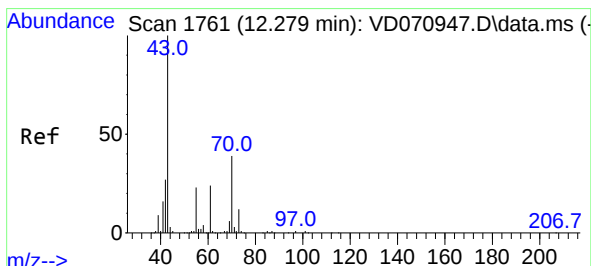
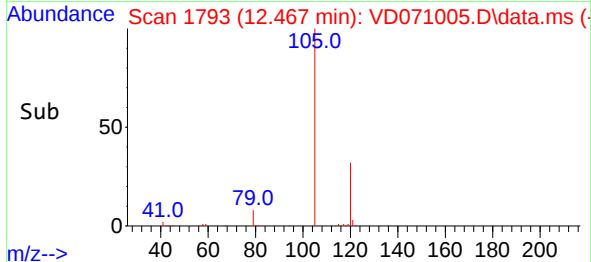
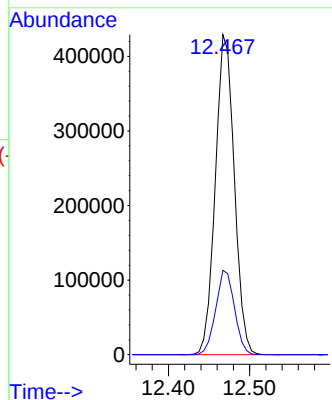
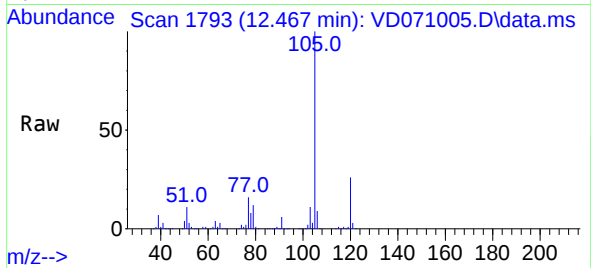




#73  
Isopropylbenzene  
Concen: 51.826 ug/l  
RT: 12.467 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

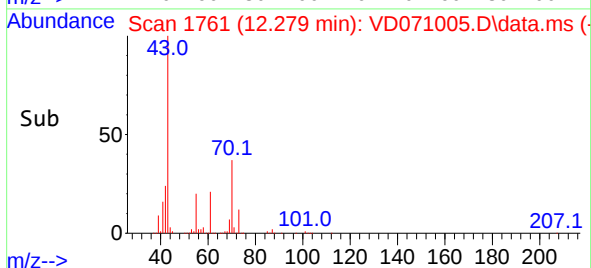
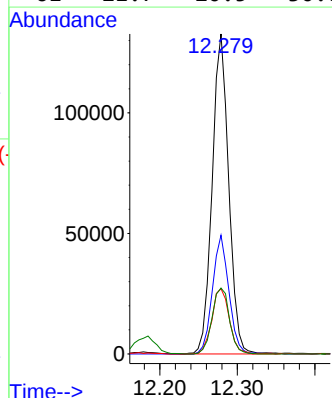
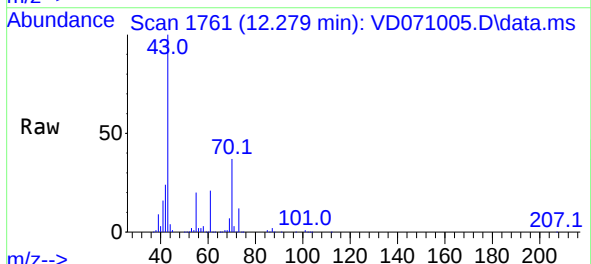
Instrument :  
MSVOA\_D  
ClientSampleId :

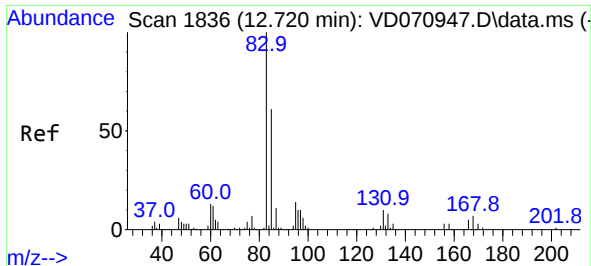
Tgt Ion:105 Resp: 696893  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.2 39.5



#74  
N-ethyl acetate  
Concen: 51.236 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 43 Resp: 196828  
Ion Ratio Lower Upper  
43 100  
70 36.9 36.6 55.0  
55 21.6 22.5 33.7#  
61 21.7 20.5 30.7

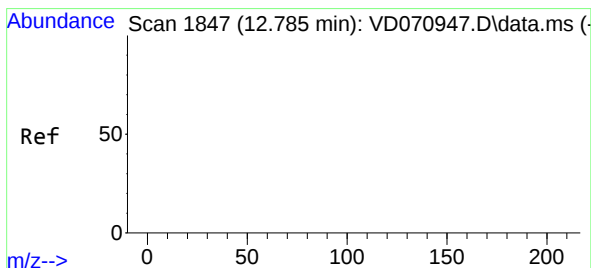
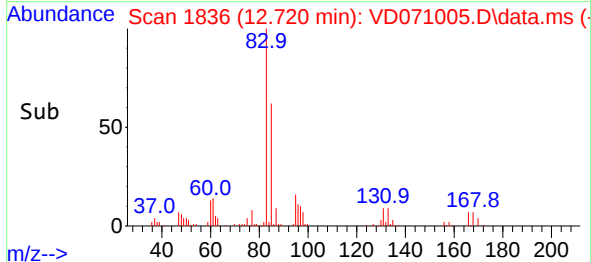
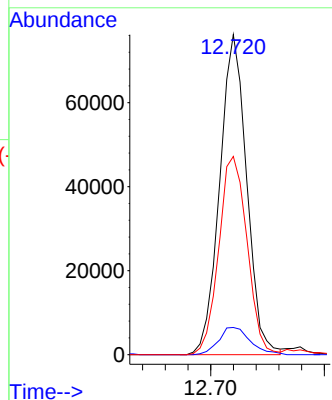
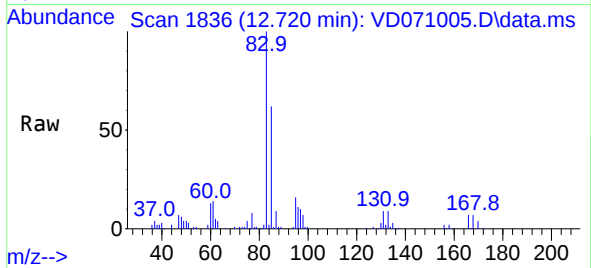




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 54.352 ug/l  
 RT: 12.720 min Scan# 1836  
 Delta R.T. -0.000 min  
 Lab File: VD071005.D  
 Acq: 12 Nov 2021 00:27

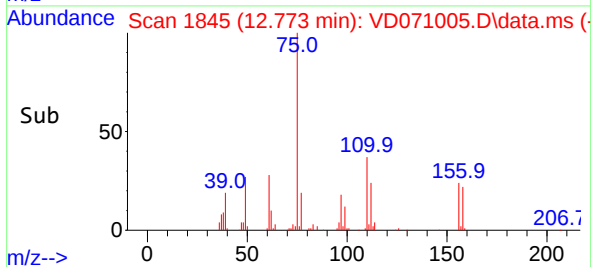
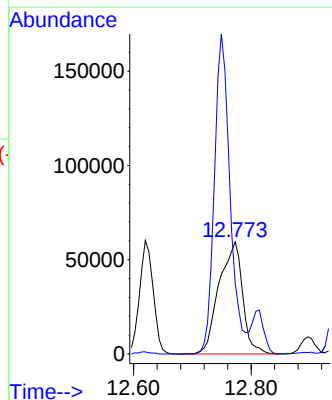
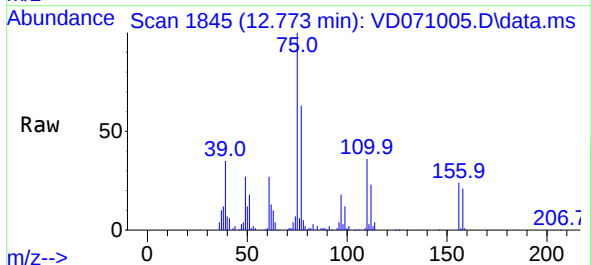
Instrument :  
 MSVOA\_D  
 ClientSampleId :

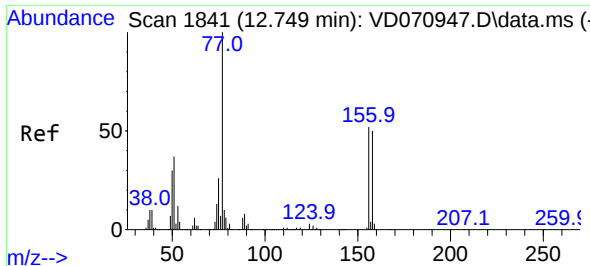
Tgt Ion: 83 Resp: 125798  
 Ion Ratio Lower Upper  
 83 100  
 131 9.9 4.9 14.7  
 85 64.9 32.0 96.2



#76  
 1,2,3-Trichloropropane  
 Concen: 103.644 ug/l  
 RT: 12.773 min Scan# 1845  
 Delta R.T. -0.012 min  
 Lab File: VD071005.D  
 Acq: 12 Nov 2021 00:27

Tgt Ion: 75 Resp: 165250  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 158.4 475.3#

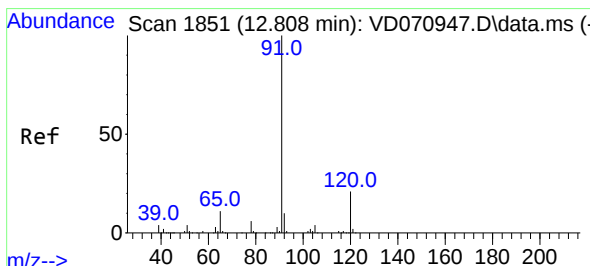
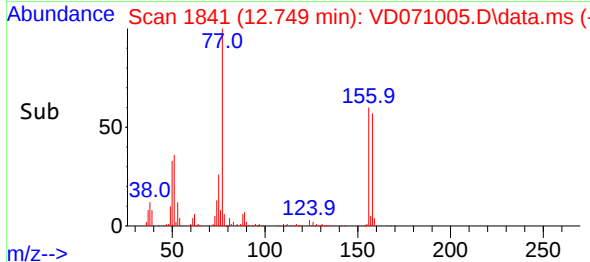
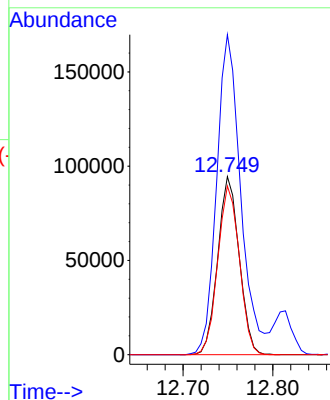
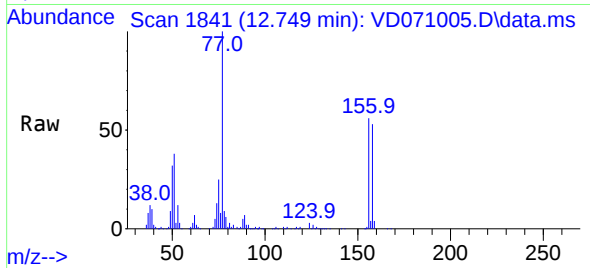




#77  
Bromobenzene  
Concen: 54.584 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

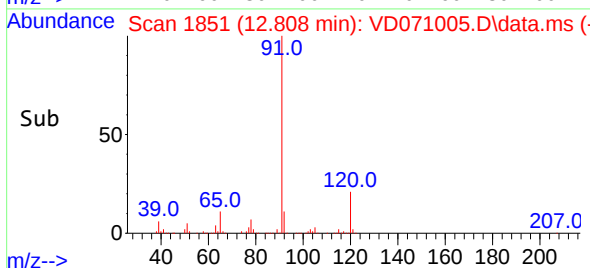
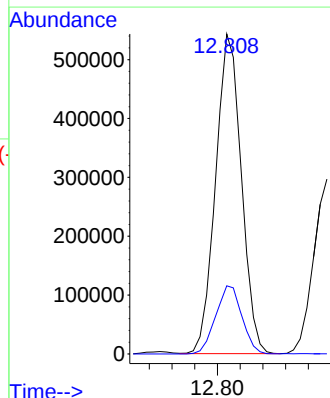
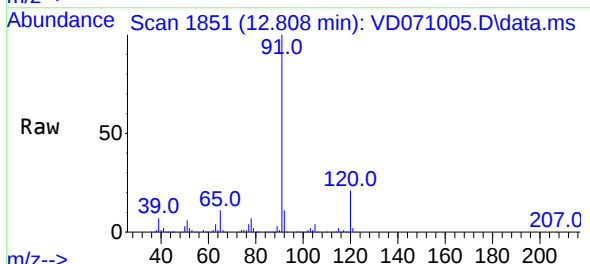
Instrument :  
MSVOA\_D  
ClientSampleId :

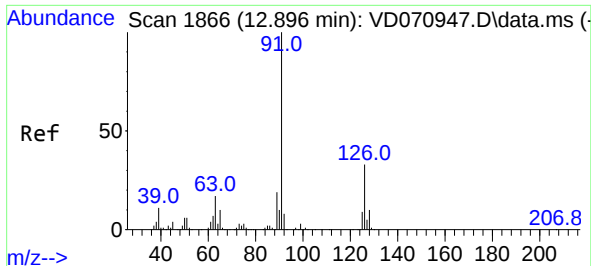
Tgt Ion:156 Resp: 156824  
Ion Ratio Lower Upper  
156 100  
77 200.3 96.6 289.8  
158 95.5 49.1 147.4



#78  
n-propylbenzene  
Concen: 51.296 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 91 Resp: 854678  
Ion Ratio Lower Upper  
91 100  
120 21.7 10.9 32.9

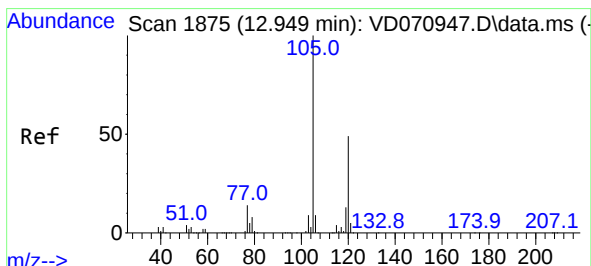
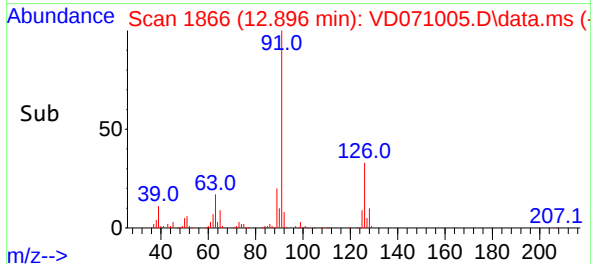
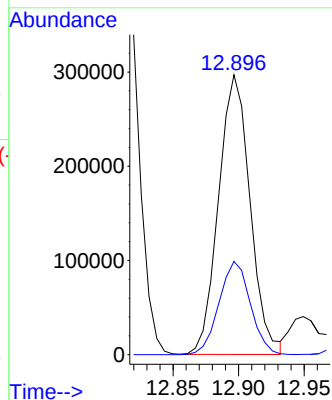
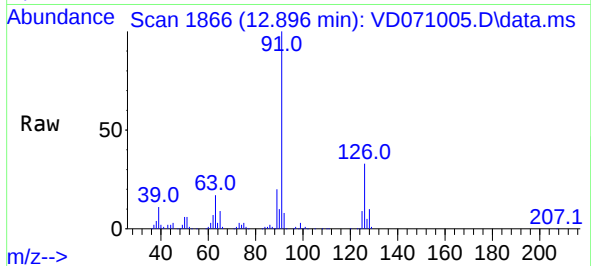




#79  
2-Chlorotoluene  
Concen: 52.286 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

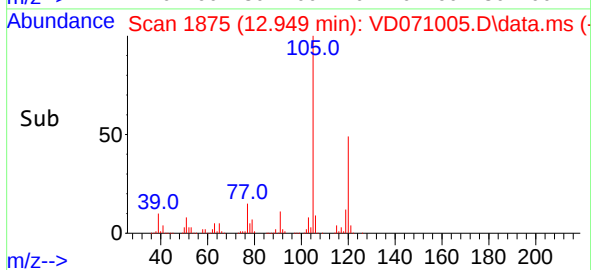
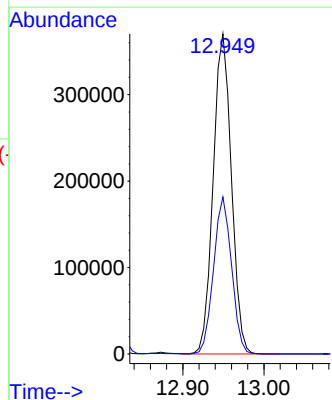
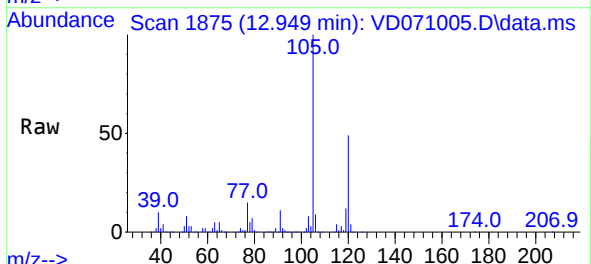
Instrument :  
MSVOA\_D  
ClientSampleId :

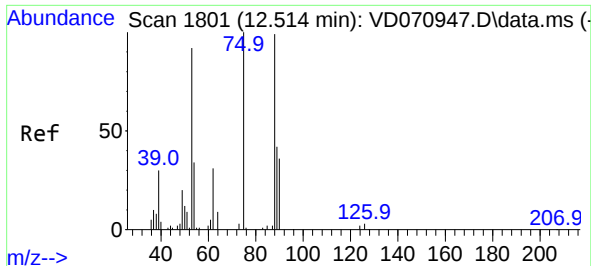
Tgt Ion: 91 Resp: 496725  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 52.111 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

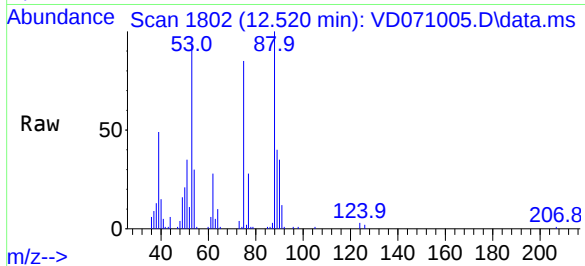
Tgt Ion: 105 Resp: 576951  
Ion Ratio Lower Upper  
105 100  
120 48.4 24.6 73.8



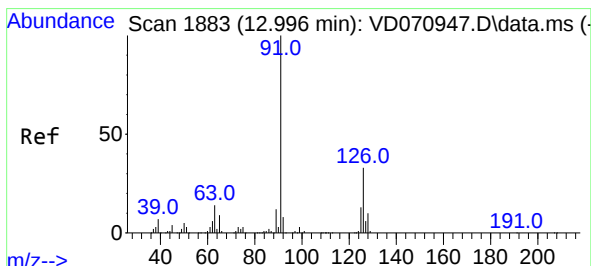
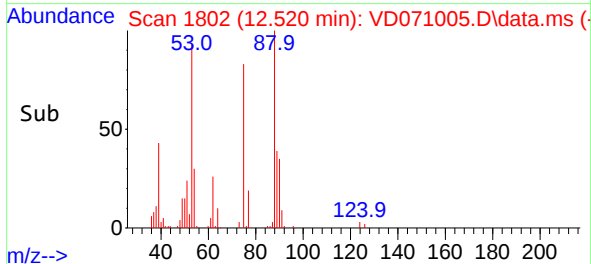
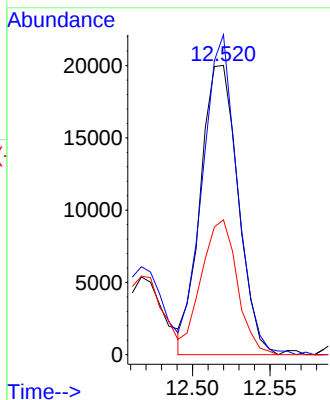


#81  
trans-1,4-Dichloro-2-butene  
Concen: 41.387 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. 0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

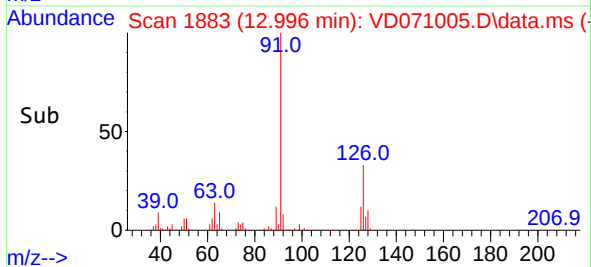
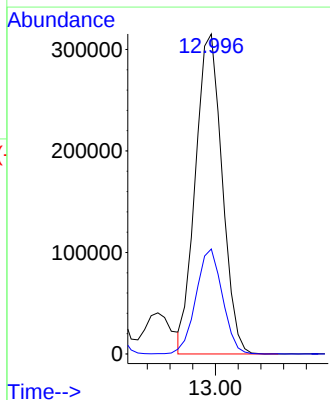
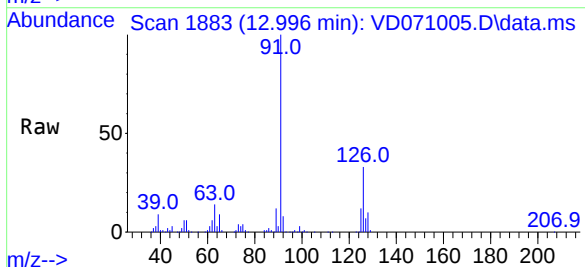


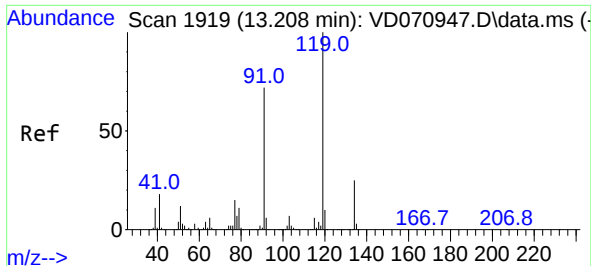
Tgt Ion: 75 Resp: 33743  
Ion Ratio Lower Upper  
75 100  
53 102.4 62.6 94.0#  
89 44.6 34.5 51.7



#82  
4-Chlorotoluene  
Concen: 52.507 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 91 Resp: 514822  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.4 49.1

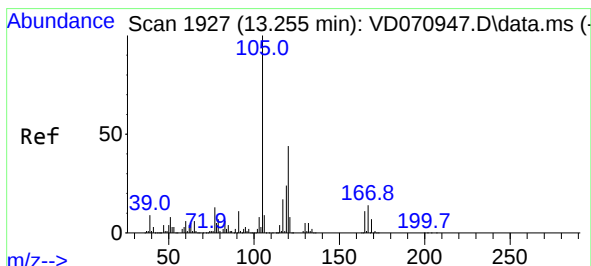
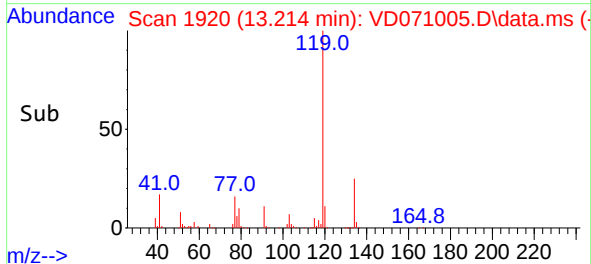
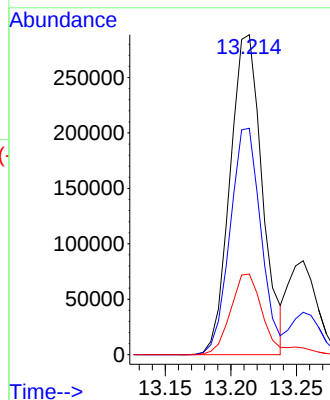
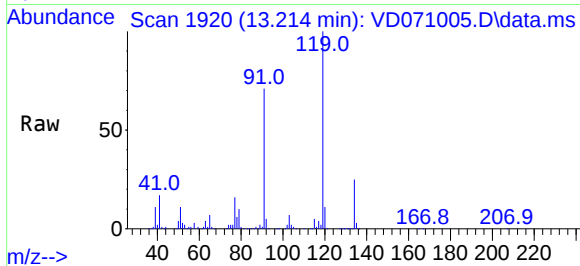




#83  
tert-Butylbenzene  
Concen: 51.769 ug/l  
RT: 13.214 min Scan# 1919  
Delta R.T. 0.006 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

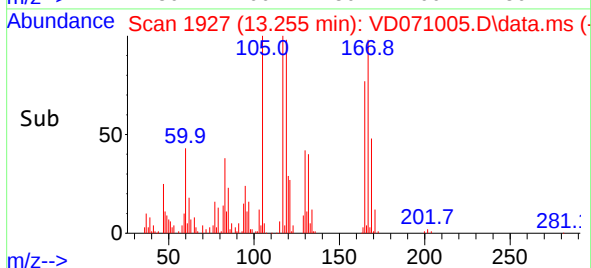
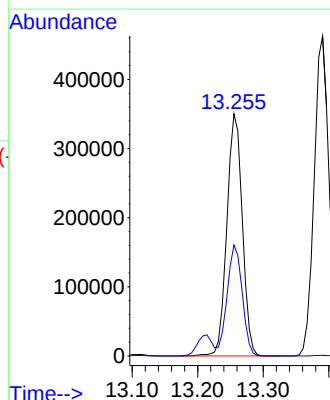
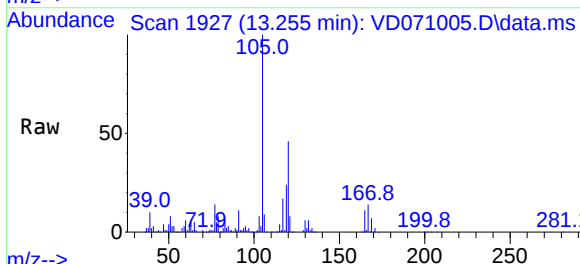
Instrument :  
MSVOA\_D  
ClientSampleId :

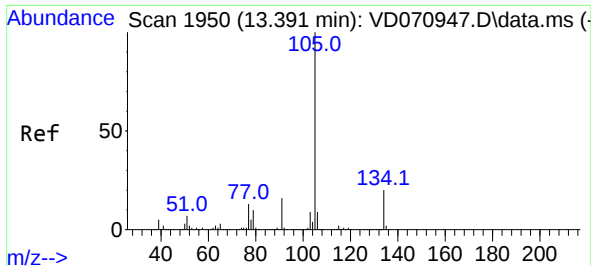
Tgt Ion:119 Resp: 493734  
Ion Ratio Lower Upper  
119 100  
91 68.0 32.5 97.5  
134 26.3 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 52.685 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion:105 Resp: 571257  
Ion Ratio Lower Upper  
105 100  
120 45.0 22.9 68.7

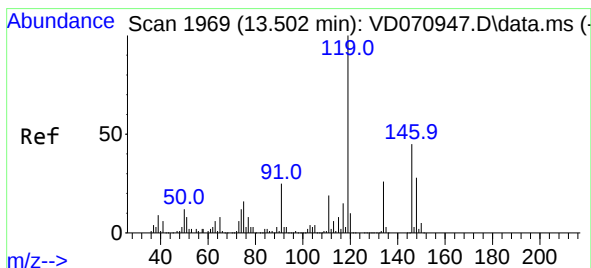
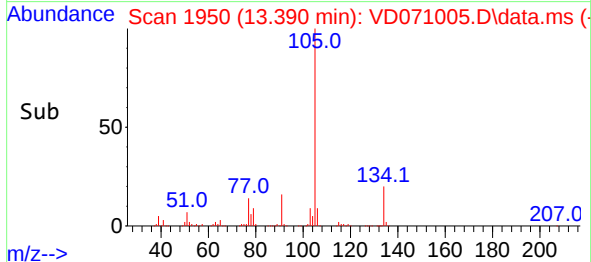
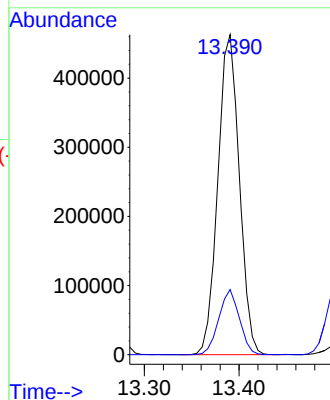
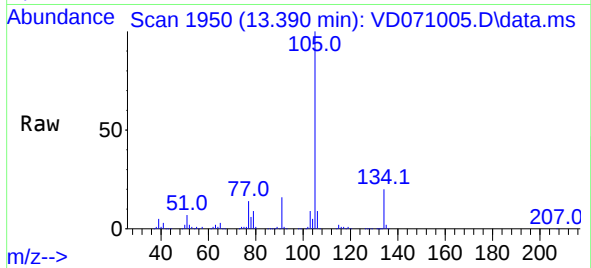




#85  
 sec-Butylbenzene  
 Concen: 50.863 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.001 min  
 Lab File: VD071005.D  
 Acq: 12 Nov 2021 00:27

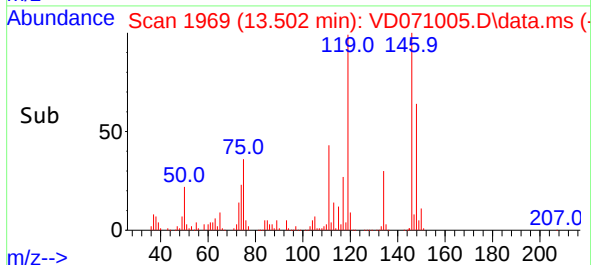
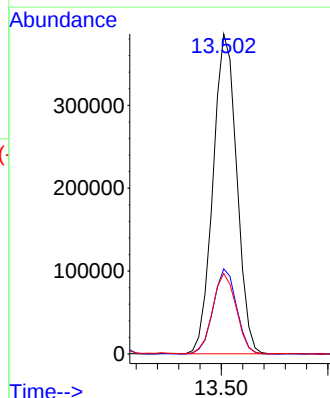
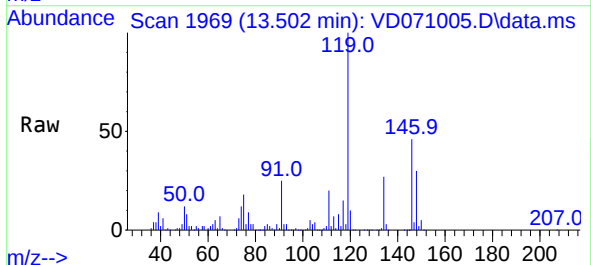
Instrument :  
 MSVOA\_D  
 ClientSampleId :

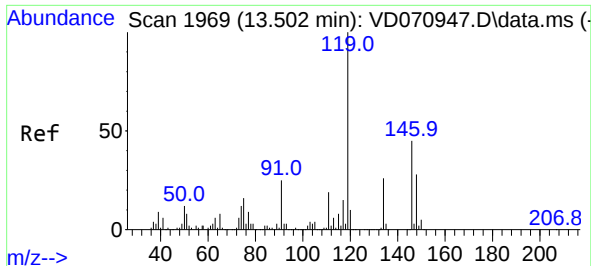
Tgt Ion:105 Resp: 729284  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 51.840 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD071005.D  
 Acq: 12 Nov 2021 00:27

Tgt Ion:119 Resp: 596847  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.0 38.9  
 91 24.9 11.4 34.2



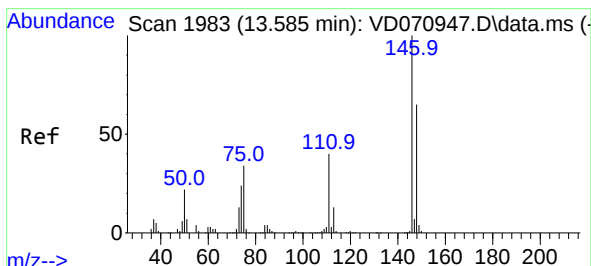
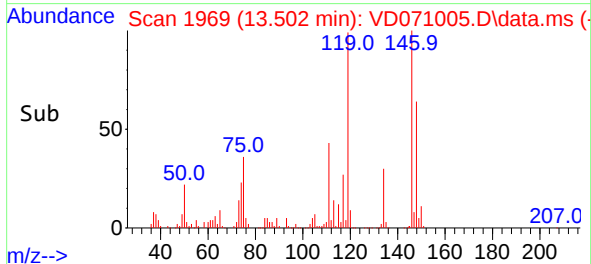
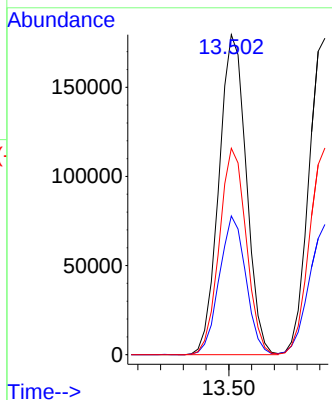
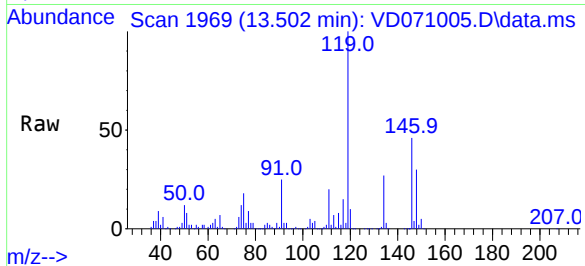


#87  
 1,3-Dichlorobenzene  
 Concen: 53.388 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD071005.D  
 Acq: 12 Nov 2021 00:27

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion:146 Resp: 299905  

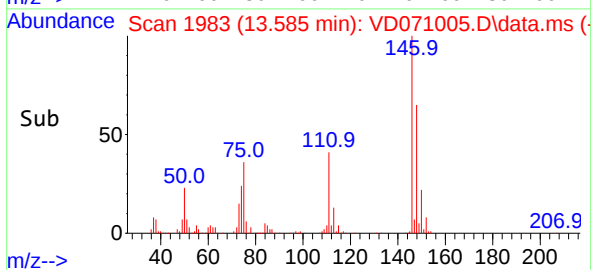
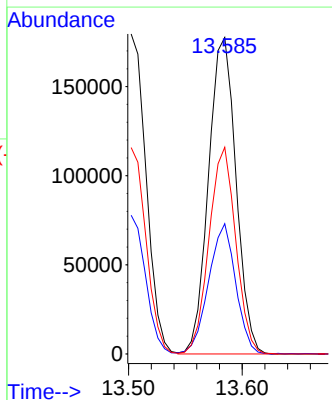
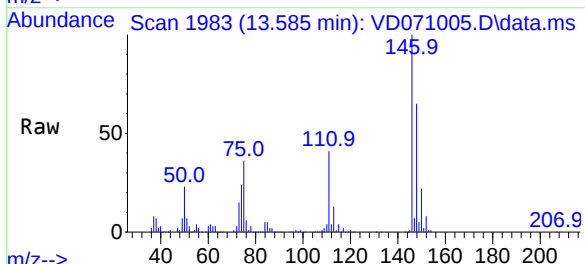
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 42.2  | 19.8  | 59.4  |
| 148 | 63.5  | 32.1  | 96.3  |

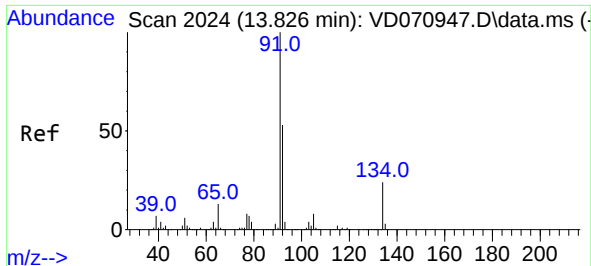


#88  
 1,4-Dichlorobenzene  
 Concen: 53.169 ug/l  
 RT: 13.585 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VD071005.D  
 Acq: 12 Nov 2021 00:27

Tgt Ion:146 Resp: 299048  

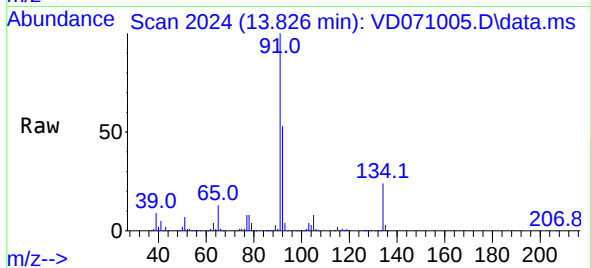
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 40.5  | 19.6  | 58.8  |
| 148 | 63.5  | 31.5  | 94.5  |



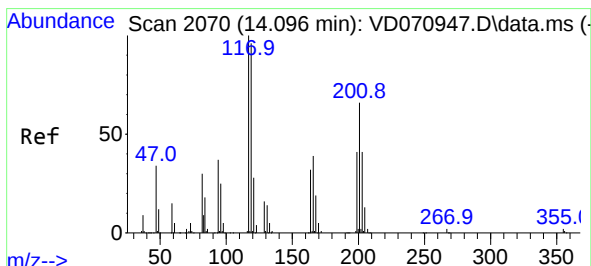
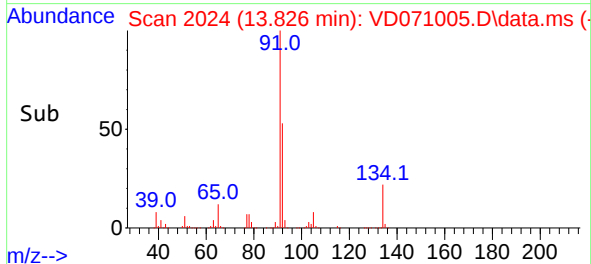
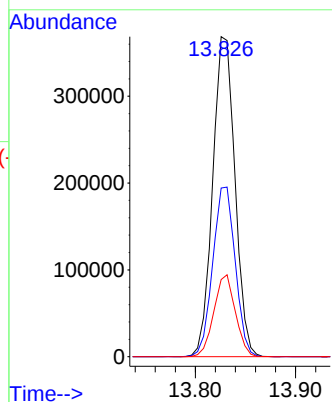


#89  
n-Butylbenzene  
Concen: 49.040 ug/l  
RT: 13.826 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

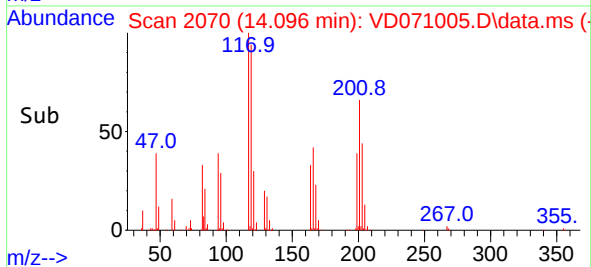
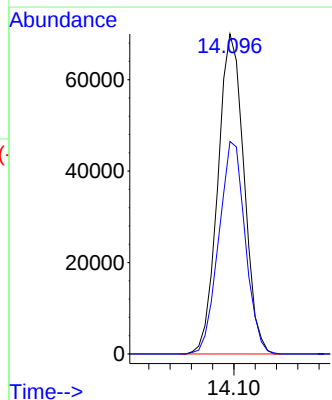
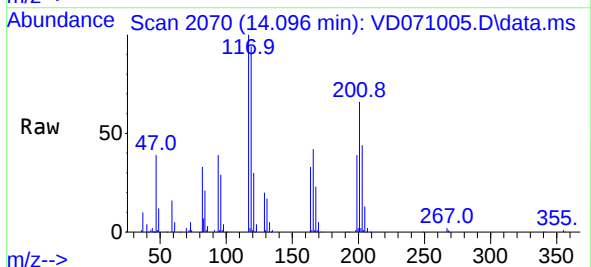


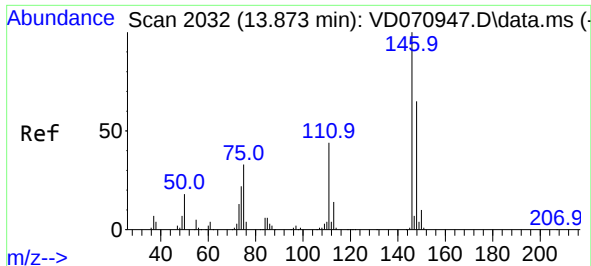
Tgt Ion: 91 Resp: 567419  
Ion Ratio Lower Upper  
91 100  
92 53.6 27.3 81.9  
134 24.7 12.3 36.9



#90  
Hexachloroethane  
Concen: 52.185 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion: 117 Resp: 118894  
Ion Ratio Lower Upper  
117 100  
201 67.4 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 54.399 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

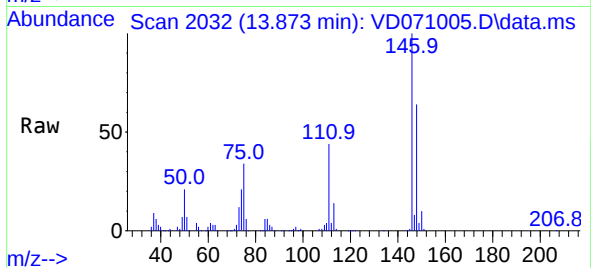
Lab File: VD071005.D

Acq: 12 Nov 2021 00:27

Instrument :

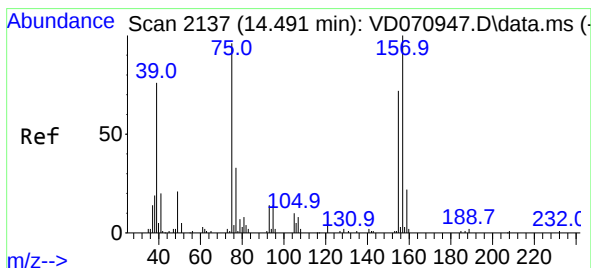
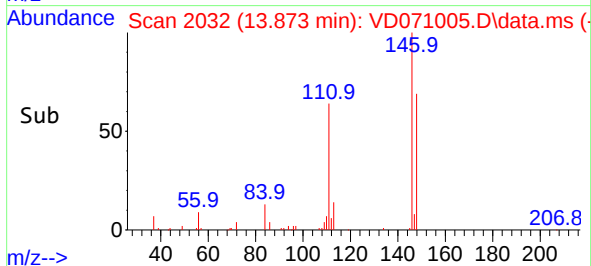
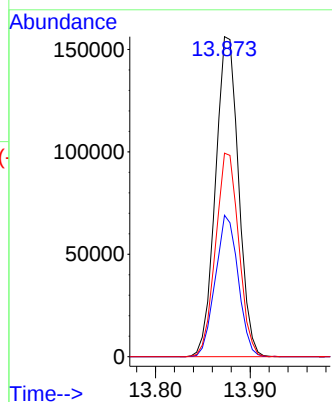
MSVOA\_D

ClientSampleId :



Tgt Ion:146 Resp: 264792

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 43.9  | 20.8  | 62.2  |
| 148 | 64.0  | 31.7  | 95.1  |



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.274 ug/l

RT: 14.490 min Scan# 2137

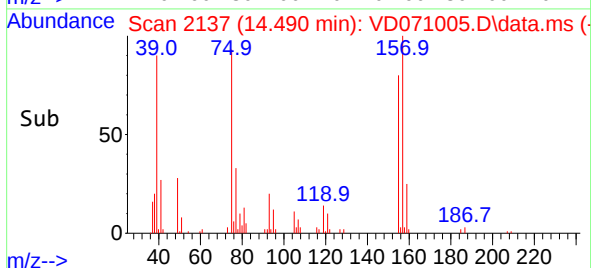
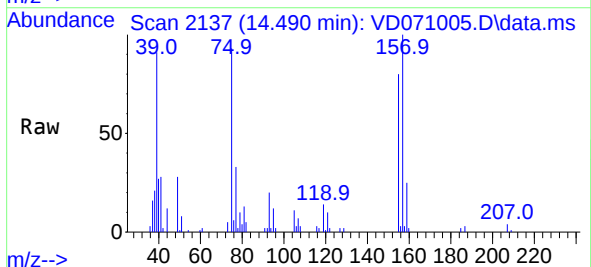
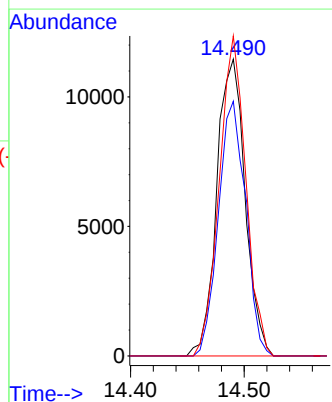
Delta R.T. -0.001 min

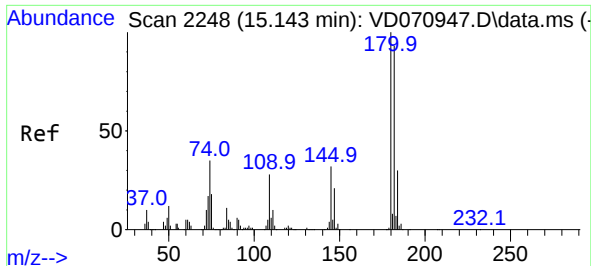
Lab File: VD071005.D

Acq: 12 Nov 2021 00:27

Tgt Ion: 75 Resp: 19843

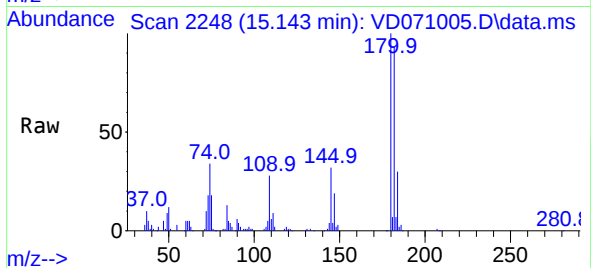
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 82.7  | 40.0  | 120.0 |
| 157 | 101.0 | 49.8  | 149.3 |



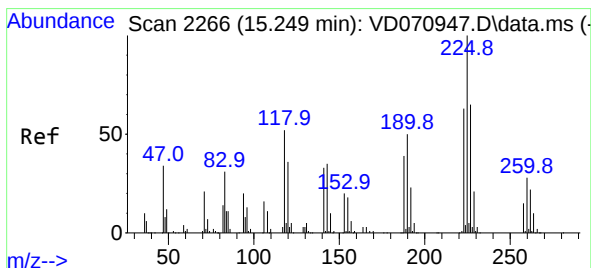
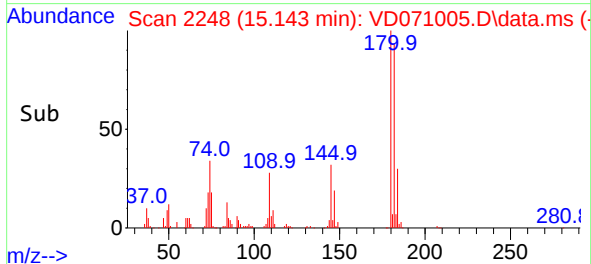
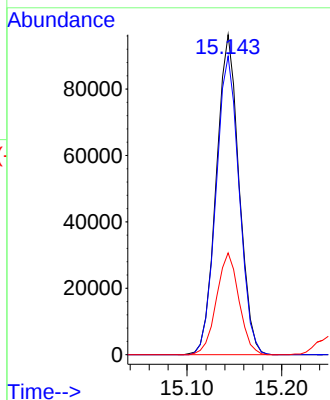


#93  
1,2,4-Trichlorobenzene  
Concen: 51.652 ug/l  
RT: 15.143 min Scan# 2248  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

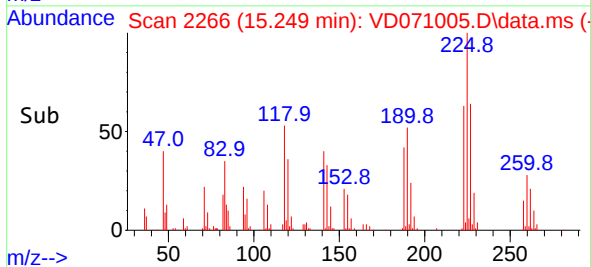
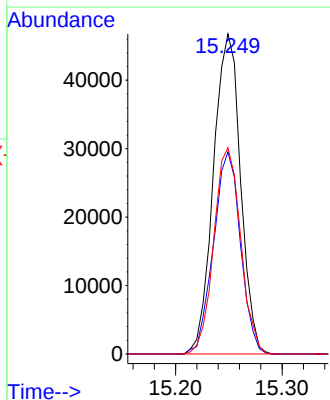
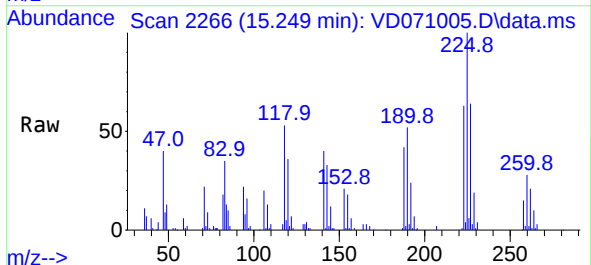


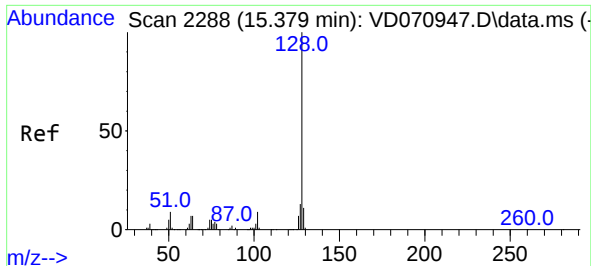
Tgt Ion:180 Resp: 160858  
Ion Ratio Lower Upper  
180 100  
182 94.7 48.2 144.6  
145 31.4 15.4 46.2



#94  
Hexachlorobutadiene  
Concen: 52.564 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. 0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion:225 Resp: 82558  
Ion Ratio Lower Upper  
225 100  
223 62.7 31.8 95.3  
227 63.9 31.6 94.8

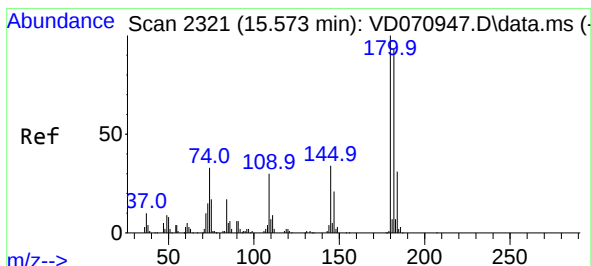
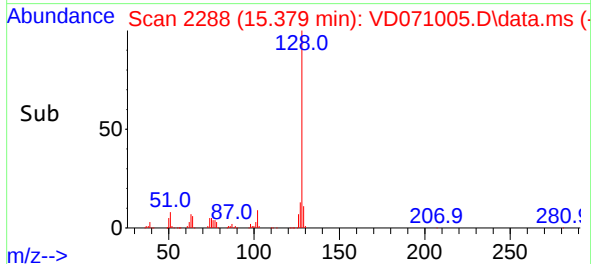
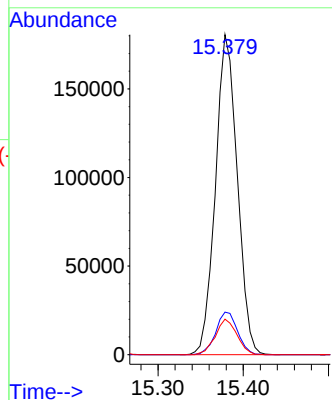
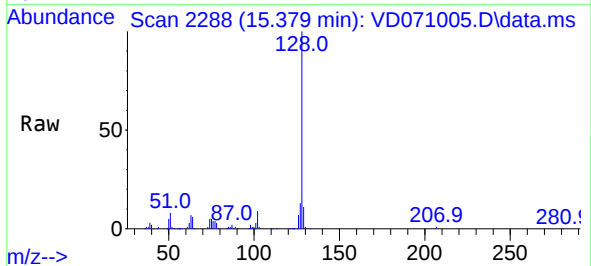




#95  
Naphthalene  
Concen: 54.165 ug/l  
RT: 15.379 min Scan# 2288  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 322094  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.7 16.1  
129 11.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 54.642 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. -0.000 min  
Lab File: VD071005.D  
Acq: 12 Nov 2021 00:27

Tgt Ion:180 Resp: 143080  
Ion Ratio Lower Upper  
180 100  
182 93.5 46.7 140.1  
145 34.8 15.9 47.6

