

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092121\  
 Data File : VW020094.D  
 Acq On : 21 Sep 2021 15:53  
 Operator : SY/VA  
 Sample : M3813-06MSD  
 Misc : 4.95g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB6T0MSD

Quant Time: Sep 22 05:08:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Sep 22 05:02:48 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 388632   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 361502   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 183570   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 160541   | 20.192   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 80.760%  |
| 7) Chloroethane-d5            | 2.897  | 69    | 130676   | 21.818   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 87.280%  |
| 11) 1,1-Dichloroethene-d2     | 4.031  | 63    | 274742   | 22.071   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 88.280%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 70928    | 57.812   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 115.620% |
| 24) Chloroform-d              | 7.653  | 84    | 283667   | 23.209   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 92.840%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 163264   | 24.819   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 99.280%  |
| 32) Benzene-d6                | 8.281  | 84    | 541533   | 23.480   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 93.920%  |
| 36) 1,2-Dichloropropane-d6    | 9.280  | 67    | 157936   | 23.662   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 94.640%  |
| 41) Toluene-d8                | 10.323 | 98    | 503766   | 24.006   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 96.040%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 76623    | 26.858   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 107.440% |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 61998    | 67.120   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 134.240% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 145598   | 28.279   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 113.120% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 164309   | 23.871   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.480%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.013  | 85    | 90097    | 26.469   | ug/L   | 93       |
| 3) Chloromethane              | 2.221  | 50    | 121572   | 25.829   | ug/L   | 99       |
| 5) Vinyl chloride             | 2.373  | 62    | 179055   | 24.226   | ug/L   | 97       |
| 6) Bromomethane               | 2.788  | 94    | 102298   | 21.410   | ug/L   | 100      |
| 8) Chloroethane               | 2.934  | 64    | 109049   | 24.399   | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 3.269  | 101   | 124498   | 23.942   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.074  | 101   | 129667   | 22.810   | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 4.050  | 96    | 126078   | 24.463   | ug/L   | 89       |
| 13) Acetone                   | 4.135  | 43    | 63094    | 60.046   | ug/L   | 93       |
| 14) Carbon disulfide          | 4.391  | 76    | 395543   | 24.404   | ug/L   | 100      |
| 15) Methyl Acetate            | 4.678  | 43    | 53246    | 26.499   | ug/L # | 80       |
| 16) Methylene chloride        | 4.921  | 84    | 147595   | 21.523   | ug/L   | 96       |
| 17) trans-1,2-Dichloroethene  | 5.427  | 96    | 133055   | 24.506   | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 5.434  | 73    | 181163   | 28.107   | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.220  | 63    | 241785   | 24.144   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.177  | 96    | 140548   | 25.453   | ug/L   | 100      |
| 22) 2-Butanone                | 7.177  | 43    | 72884    | 53.465   | ug/L   | 97       |
| 23) Bromochloromethane        | 7.519  | 128   | 64324    | 25.698   | ug/L   | 96       |
| 25) Chloroform                | 7.683  | 83    | 253682   | 24.224   | ug/L   | 98       |

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 Operator : SY/VA  
 Sample : M3813-06MSD  
 Misc : 4.95g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

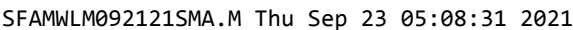
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB6T0MSD

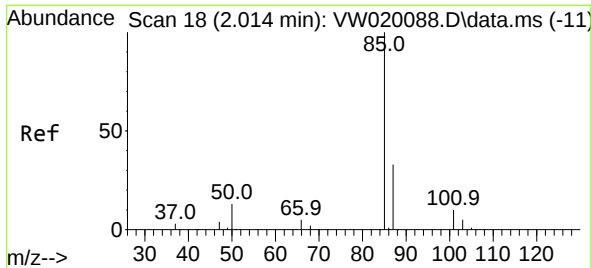
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 Quant Title : SFAM01.0  
 QLast Update : Wed Sep 22 05:02:48 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 178403   | 25.887 | ug/L  | 100      |
| 29) Cyclohexane               | 7.964  | 56   | 201823   | 25.090 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.878  | 97   | 209257   | 23.360 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.073  | 117  | 192617   | 23.633 | ug/L  | 100      |
| 33) Benzene                   | 8.329  | 78   | 548074   | 25.121 | ug/L  | 100      |
| 34) Trichloroethene           | 9.098  | 95   | 139134   | 23.823 | ug/L  | 98       |
| 35) Methylcyclohexane         | 9.341  | 83   | 223860   | 23.524 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 136319   | 25.226 | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.646  | 83   | 182908   | 24.995 | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 213161   | 26.744 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 172488   | 63.378 | ug/L  | 99       |
| 42) Toluene                   | 10.390 | 91   | 623557   | 26.902 | ug/L  | 93       |
| 44) trans-1,3-Dichloropropene | 10.609 | 75   | 200493   | 28.005 | ug/L  | 96       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 107472   | 27.123 | ug/L  | 99       |
| 46) Tetrachloroethene         | 10.866 | 164  | 102700   | 22.751 | ug/L  | 99       |
| 48) 2-Hexanone                | 10.969 | 43   | 124436   | 65.637 | ug/L  | 99       |
| 49) Dibromochloromethane      | 11.128 | 129  | 123122   | 26.592 | ug/L  | 93       |
| 50) 1,2-Dibromoethane         | 11.237 | 107  | 102427   | 27.468 | ug/L  | 98       |
| 51) Chlorobenzene             | 11.658 | 112  | 369564   | 24.515 | ug/L  | 99       |
| 52) Ethylbenzene              | 11.731 | 91   | 639452   | 25.047 | ug/L  | 100      |
| 53) m,p-Xylene                | 11.841 | 106  | 244822   | 25.154 | ug/L  | 96       |
| 54) o-Xylene                  | 12.164 | 106  | 231528   | 25.716 | ug/L  | 100      |
| 55) Styrene                   | 12.182 | 104  | 404245   | 25.839 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 134789   | 28.480 | ug/L  | 98       |
| 59) Bromoform                 | 12.353 | 173  | 71197    | 28.446 | ug/L  | 97       |
| 60) Isopropylbenzene          | 12.463 | 105  | 645035   | 26.207 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 100528   | 29.002 | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 519186   | 25.702 | ug/L  | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 516342   | 26.021 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 273691   | 24.247 | ug/L  | 95       |
| 65) 1,4-Dichlorobenzene       | 13.578 | 146  | 287226   | 24.622 | ug/L  | 93       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 254946   | 24.799 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 23877    | 30.686 | ug/L  | 92       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 171352   | 21.947 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 144507   | 23.983 | ug/L  | 94       |
| 71) Naphthalene               | 15.365 | 128  | 332084   | 31.250 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 133474   | 24.601 | ug/L  | 98       |

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

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Response via : Initial Calibration

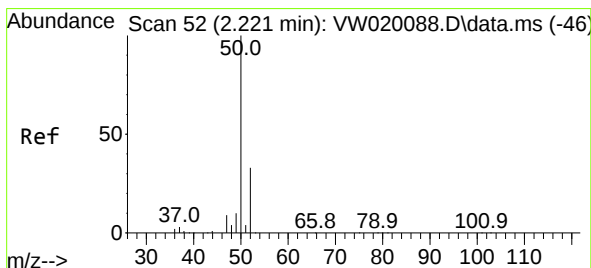
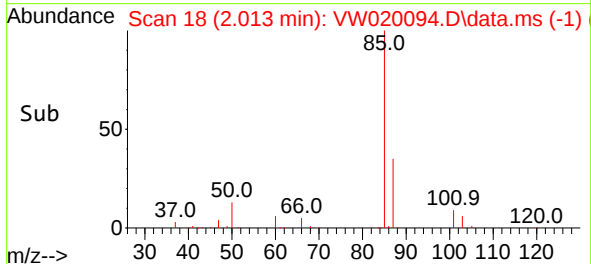
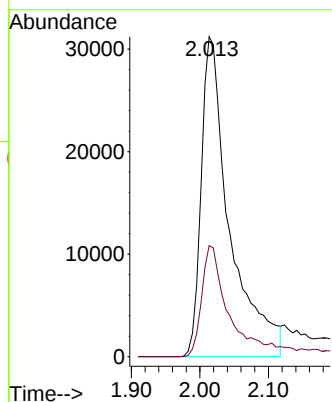
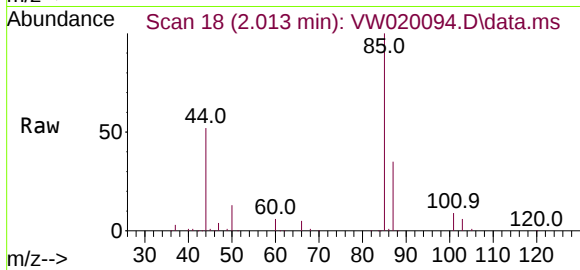




#2  
 Dichlorodifluoromethane  
 Concen: 26.469 ug/L  
 RT: 2.013 min Scan# 18  
 Delta R.T. -0.000 min  
 Lab File: VW020094.D  
 Acq: 21 Sep 2021 15:53

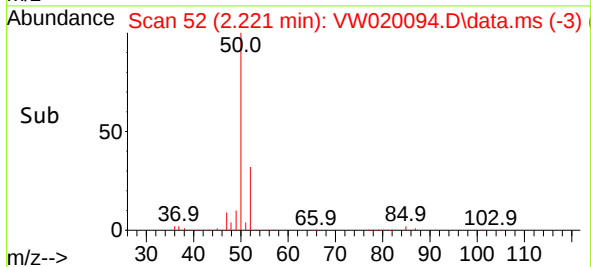
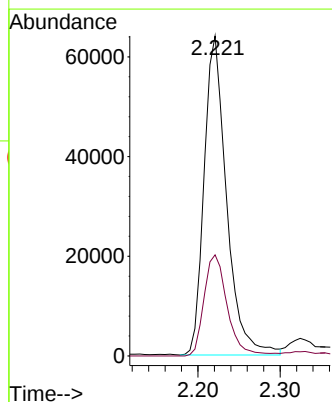
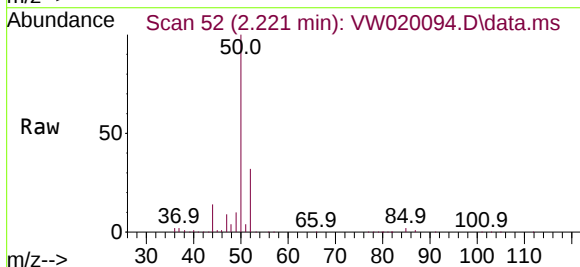
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB6T0MSD

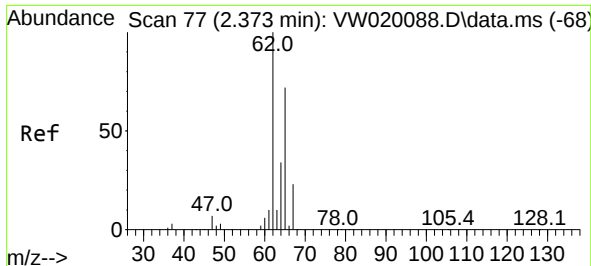
Tgt Ion: 85 Resp: 90097  
 Ion Ratio Lower Upper  
 85 100  
 87 28.8 26.3 39.5



#3  
 Chloromethane  
 Concen: 25.829 ug/L  
 RT: 2.221 min Scan# 52  
 Delta R.T. -0.000 min  
 Lab File: VW020094.D  
 Acq: 21 Sep 2021 15:53

Tgt Ion: 50 Resp: 121572  
 Ion Ratio Lower Upper  
 50 100  
 52 31.6 22.5 41.9

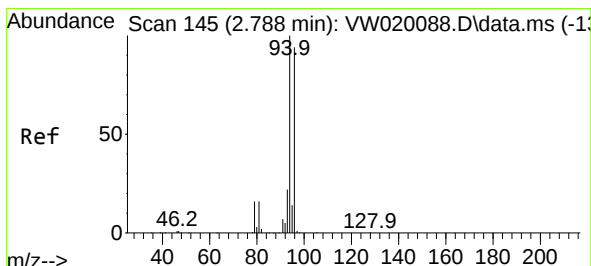
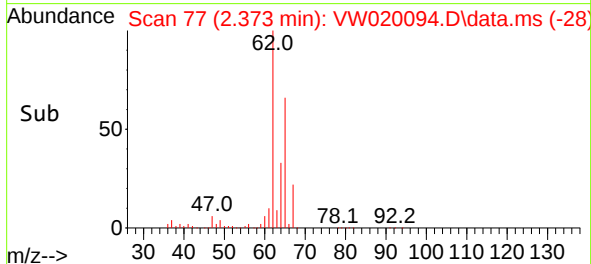
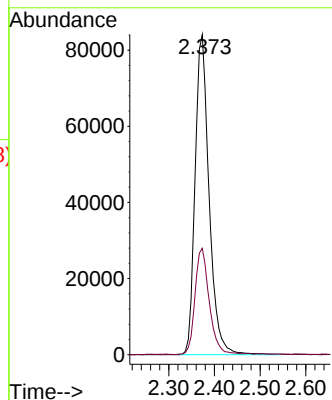
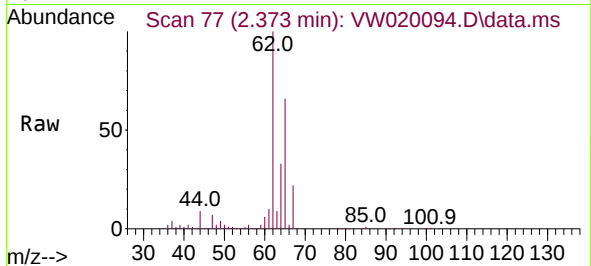




#5  
 Vinyl chloride  
 Concen: 24.226 ug/L  
 RT: 2.373 min Scan# 77  
 Delta R.T. -0.000 min  
 Lab File: VW020094.D  
 Acq: 21 Sep 2021 15:53

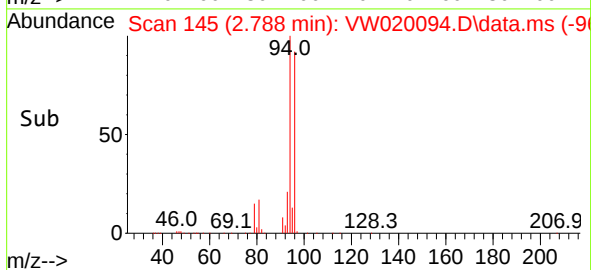
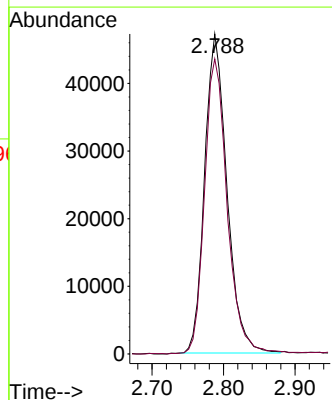
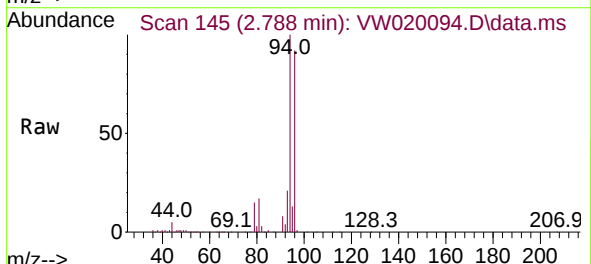
Instrument :  
 MSVOA\_W  
 ClientSampled :  
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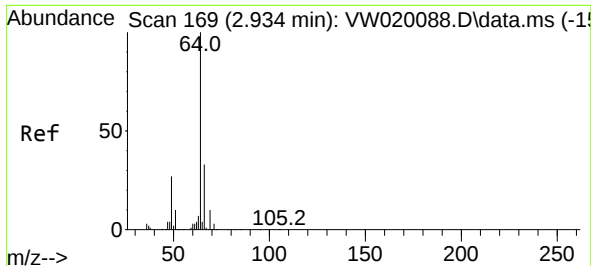
Tgt Ion: 62 Resp: 179055  
 Ion Ratio Lower Upper  
 62 100  
 64 33.3 24.5 45.5



#6  
 Bromomethane  
 Concen: 21.410 ug/L  
 RT: 2.788 min Scan# 145  
 Delta R.T. -0.000 min  
 Lab File: VW020094.D  
 Acq: 21 Sep 2021 15:53

Tgt Ion: 94 Resp: 102298  
 Ion Ratio Lower Upper  
 94 100  
 96 92.2 64.8 120.3

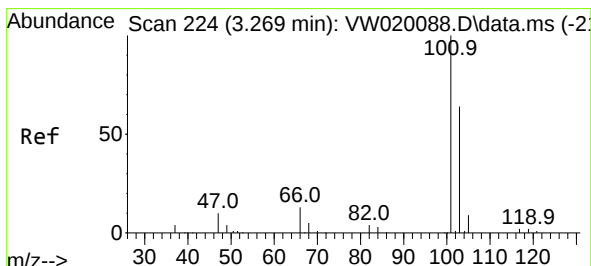
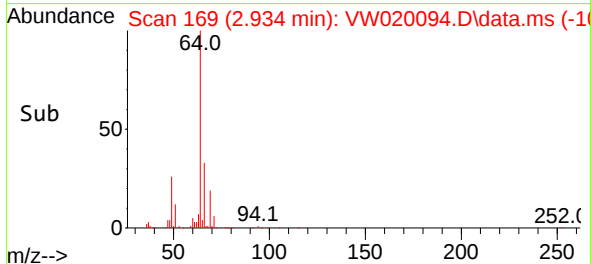
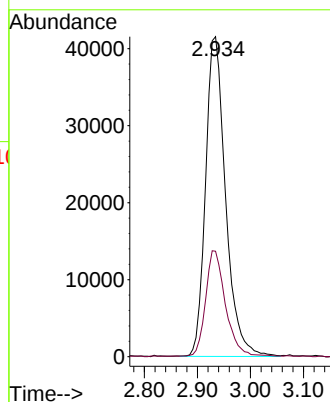
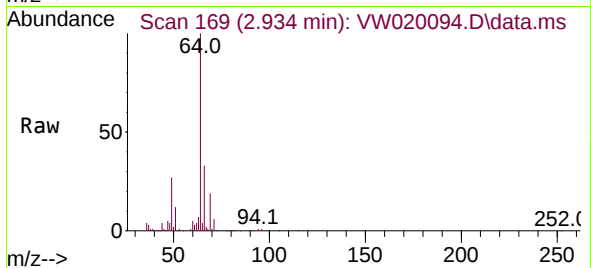




#8  
Chloroethane  
Concen: 24.399 ug/L  
RT: 2.934 min Scan# 169  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

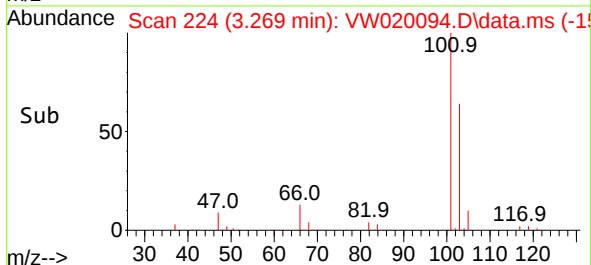
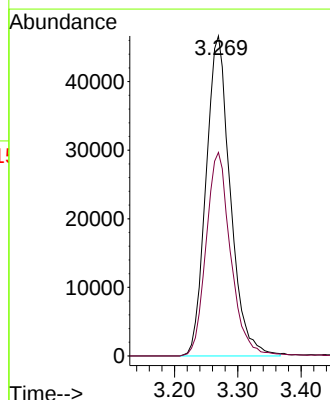
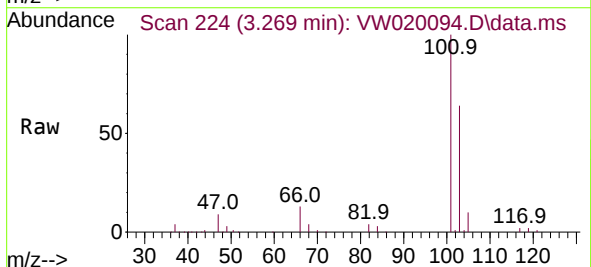
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MSVOA\_W  
ClientSampled :  
GB6T0MSD

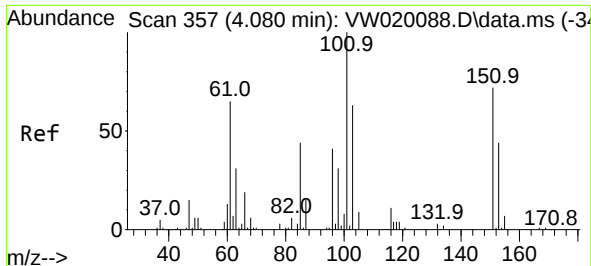
Tgt Ion: 64 Resp: 109049  
Ion Ratio Lower Upper  
64 100  
66 32.9 22.0 40.8



#9  
Trichlorofluoromethane  
Concen: 23.942 ug/L  
RT: 3.269 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion: 101 Resp: 124498  
Ion Ratio Lower Upper  
101 100  
103 64.6 51.3 76.9

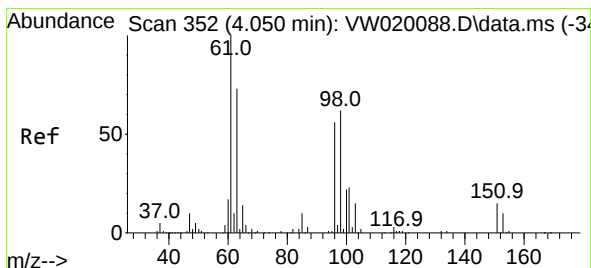
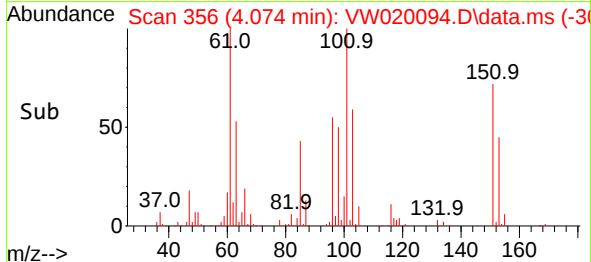
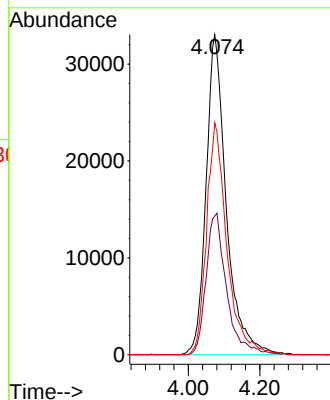
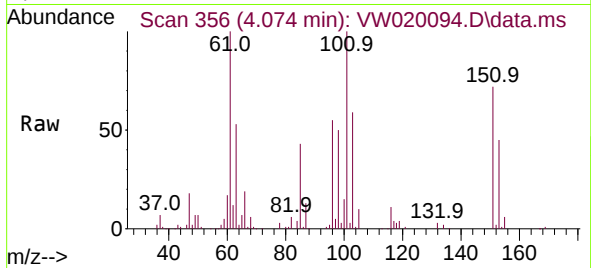




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 22.810 ug/L  
 RT: 4.074 min Scan# 356  
 Delta R.T. -0.006 min  
 Lab File: VW020094.D  
 Acq: 21 Sep 2021 15:53

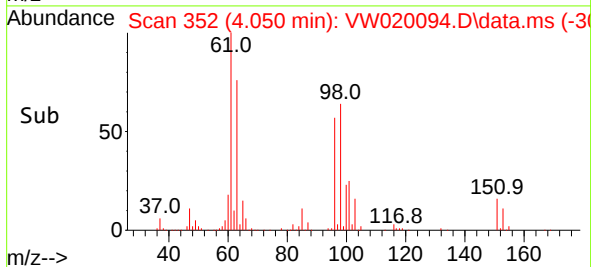
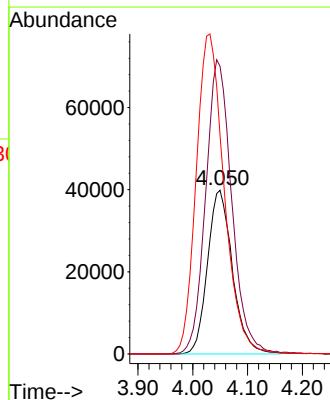
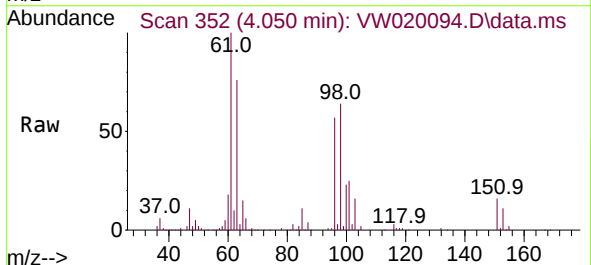
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB6T0MSD

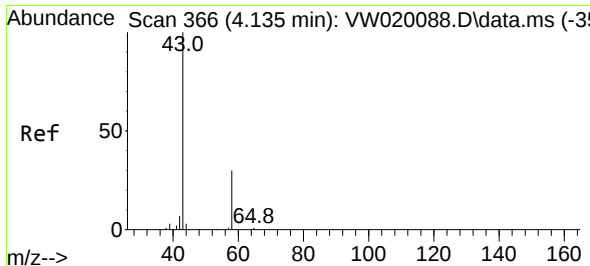
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 Ion Ratio Lower Upper  
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 151 70.6 59.0 88.6



#12  
 1,1-Dichloroethene  
 Concen: 24.463 ug/L  
 RT: 4.050 min Scan# 352  
 Delta R.T. -0.000 min  
 Lab File: VW020094.D  
 Acq: 21 Sep 2021 15:53

Tgt Ion: 96 Resp: 126078  
 Ion Ratio Lower Upper  
 96 100  
 61 175.8 126.1 234.3  
 63 133.6 112.6 209.0

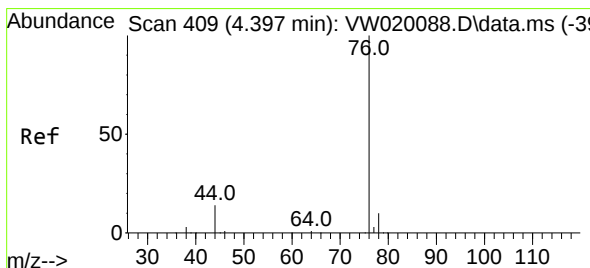
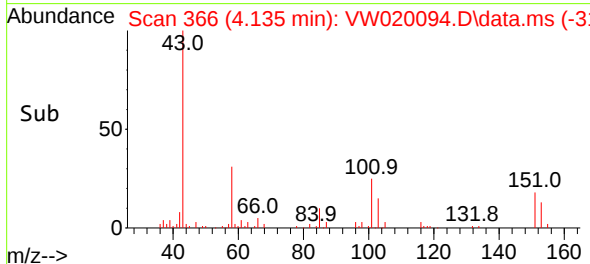
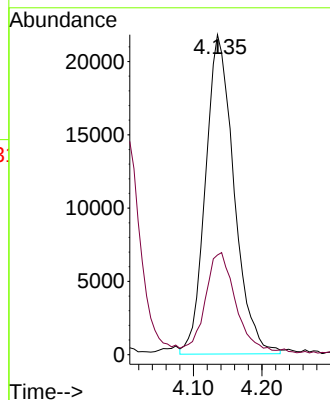
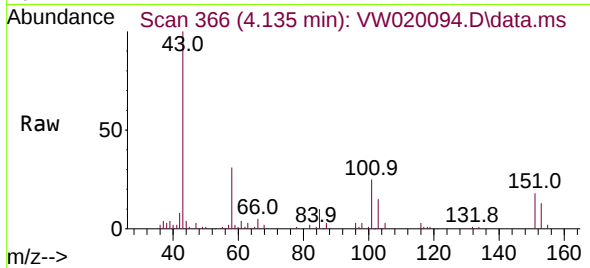




#13  
Acetone  
Concen: 60.046 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

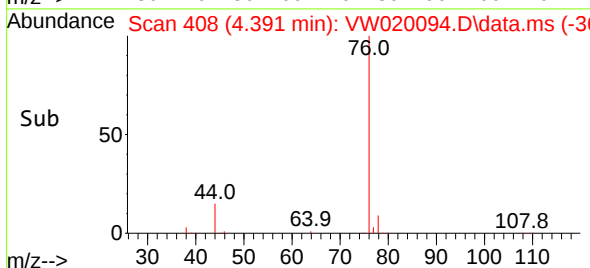
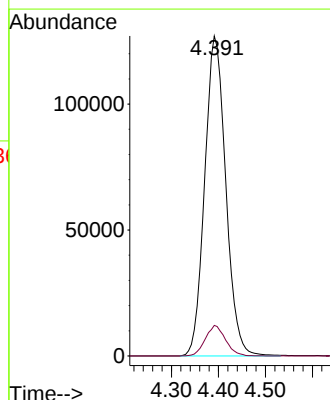
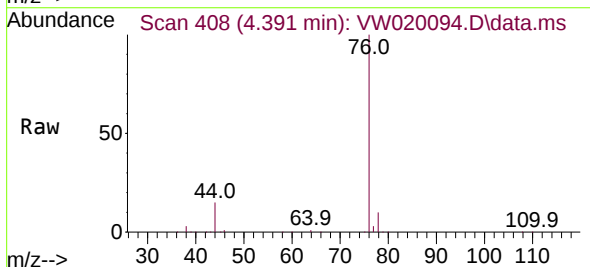
Instrument :  
MSVOA\_W  
ClientSampleId :  
GB6T0MSD

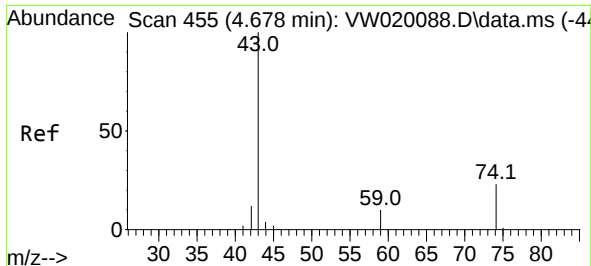
Tgt Ion: 43 Resp: 63094  
Ion Ratio Lower Upper  
43 100  
58 34.6 0.0 61.6



#14  
Carbon disulfide  
Concen: 24.404 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. -0.006 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion: 76 Resp: 395543  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.5 11.3

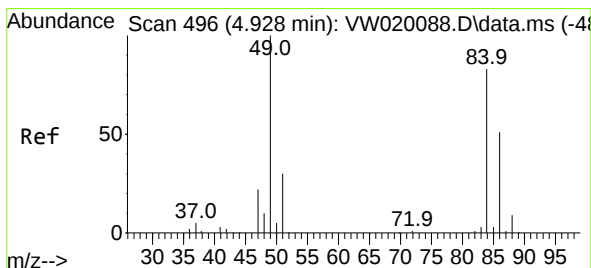
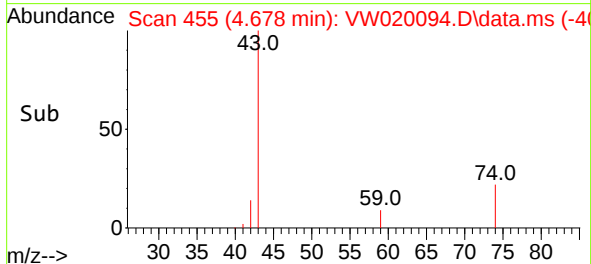
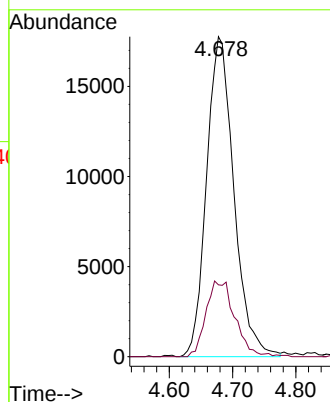
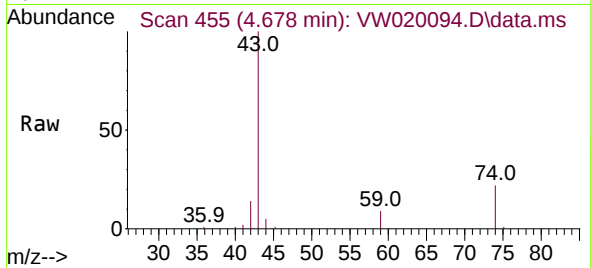




#15  
Methyl Acetate  
Concen: 26.499 ug/L  
RT: 4.678 min Scan# 455  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

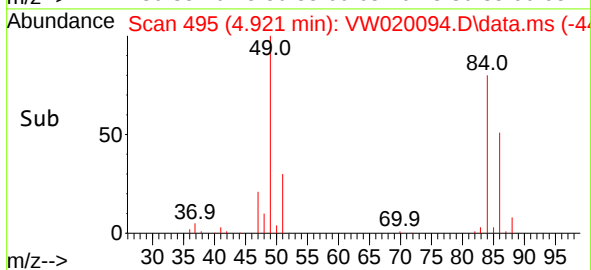
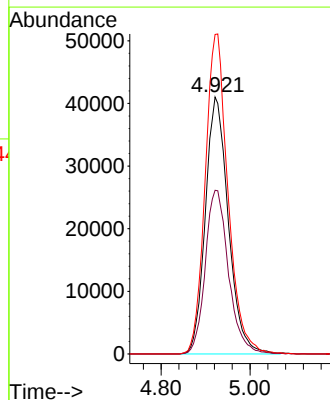
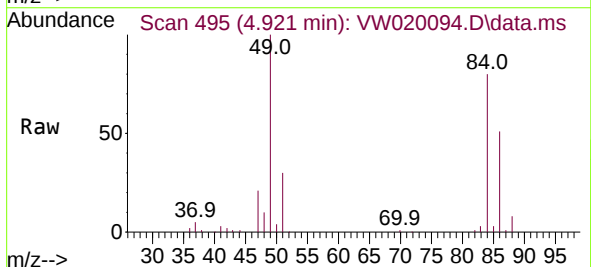
Instrument :  
MSVOA\_W  
ClientSampled :  
GB6T0MSD

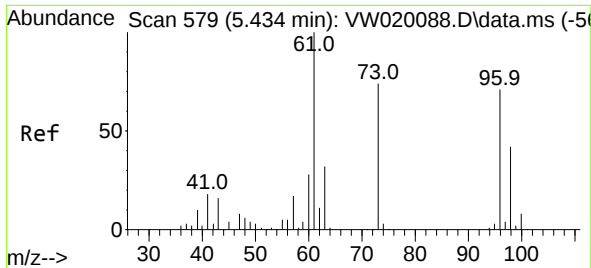
Tgt Ion: 43 Resp: 53246  
Ion Ratio Lower Upper  
43 100  
74 14.8 20.0 30.0#



#16  
Methylene chloride  
Concen: 21.523 ug/L  
RT: 4.921 min Scan# 495  
Delta R.T. -0.006 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion: 84 Resp: 147595  
Ion Ratio Lower Upper  
84 100  
86 63.7 42.6 79.0  
49 124.3 83.4 154.8

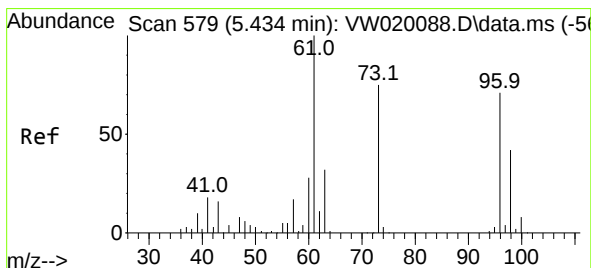
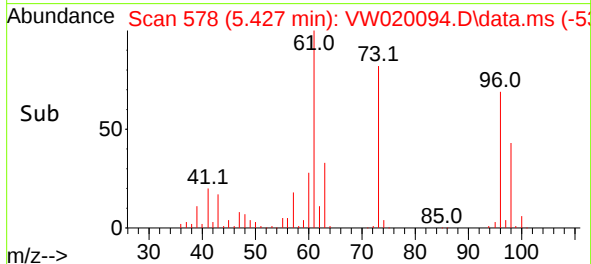
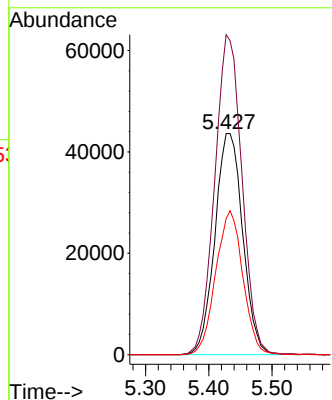
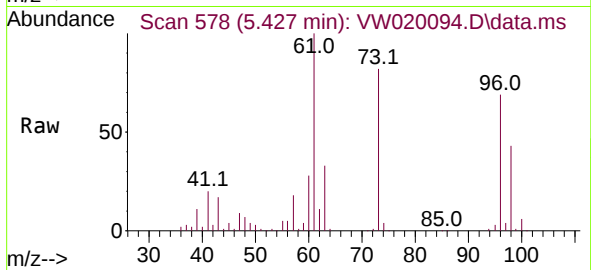




#17  
trans-1,2-Dichloroethene  
Concen: 24.506 ug/L  
RT: 5.427 min Scan# 578  
Delta R.T. -0.006 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

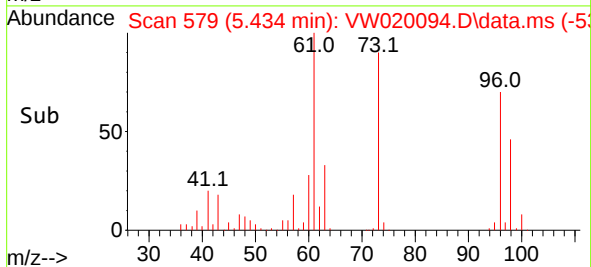
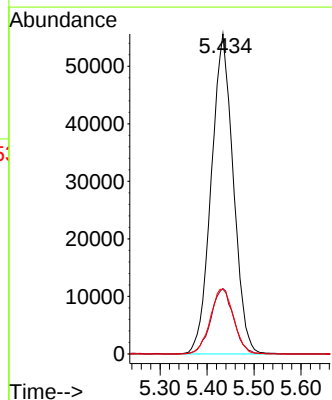
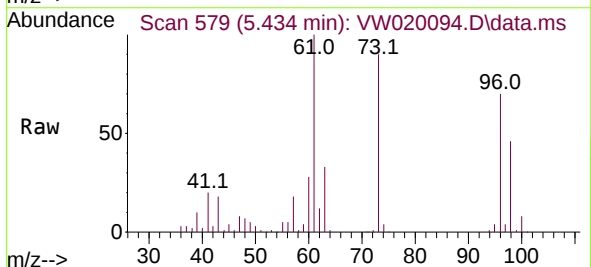
Instrument :  
MSVOA\_W  
ClientSampleId :  
GB6T0MSD

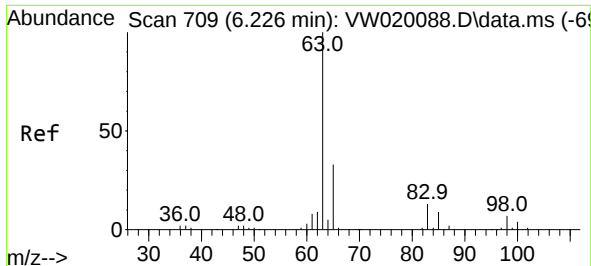
Tgt Ion: 96 Resp: 133055  
Ion Ratio Lower Upper  
96 100  
61 144.7 98.3 182.5  
98 61.5 46.6 86.6



#18  
Methyl tert-butyl Ether  
Concen: 28.107 ug/L  
RT: 5.434 min Scan# 579  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion: 73 Resp: 181163  
Ion Ratio Lower Upper  
73 100  
43 21.1 17.4 26.0  
57 21.6 17.4 26.0





#19

1,1-Dichloroethane

Concen: 24.144 ug/L

RT: 6.220 min Scan# 708

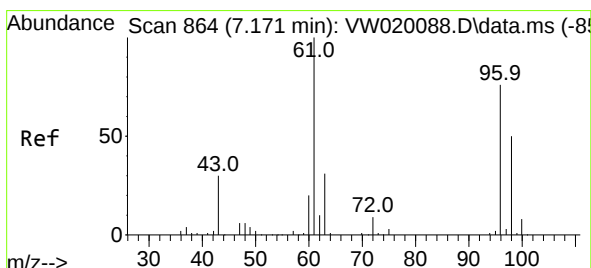
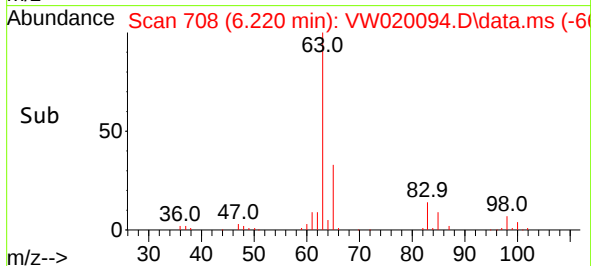
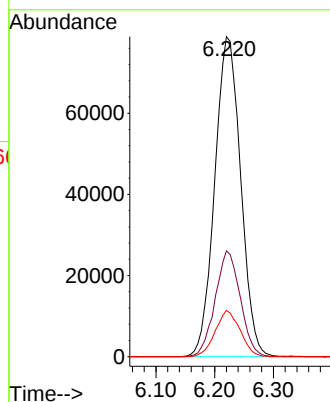
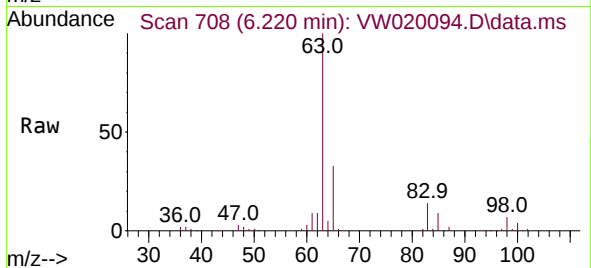
Delta R.T. -0.006 min

Lab File: VW020094.D

Acq: 21 Sep 2021 15:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 63    | Resp: | 241785 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 65        | 33.1  | 23.1  | 42.9   |
| 83        | 14.5  | 9.4   | 17.6   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
GB6T0MSD



#20

cis-1,2-Dichloroethene

Concen: 25.453 ug/L

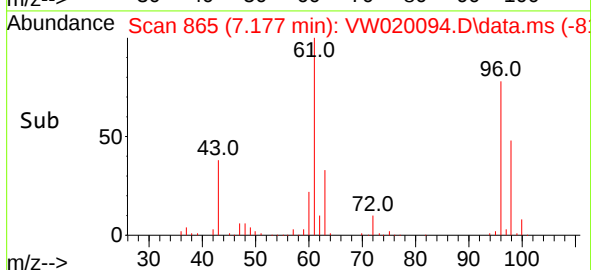
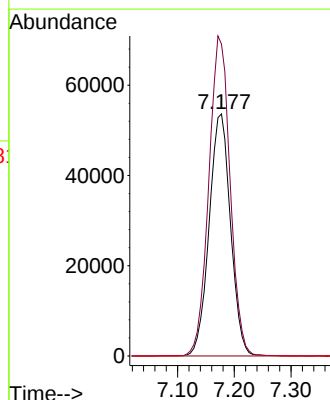
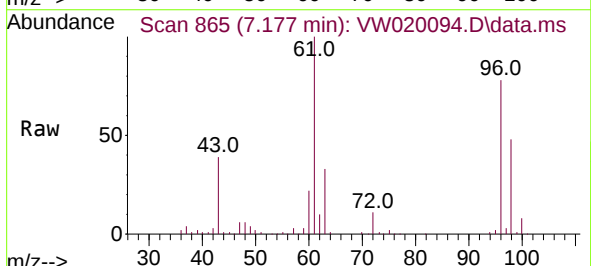
RT: 7.177 min Scan# 865

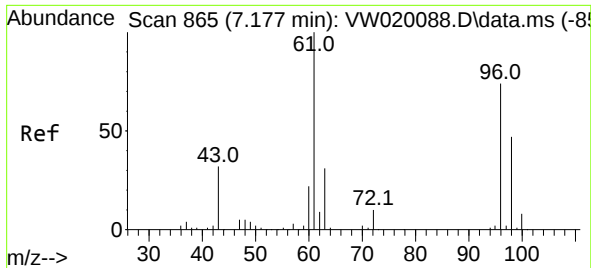
Delta R.T. 0.006 min

Lab File: VW020094.D

Acq: 21 Sep 2021 15:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 140548 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 128.8 | 89.9  | 167.0  |
| 68        | 0.0   | 0.0   | 0.0    |

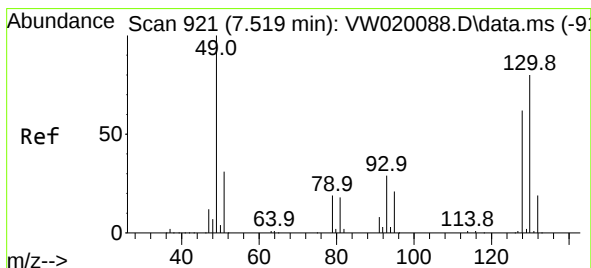
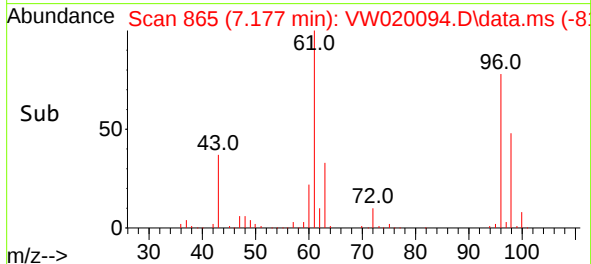
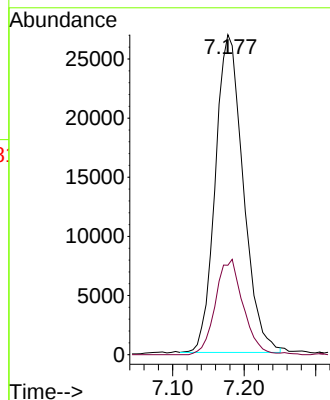
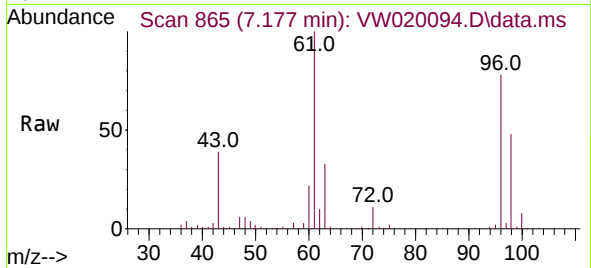




#22  
2-Butanone  
Concen: 53.465 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

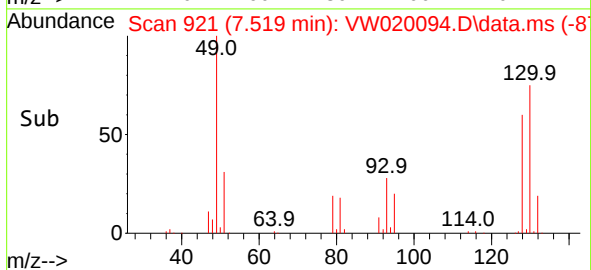
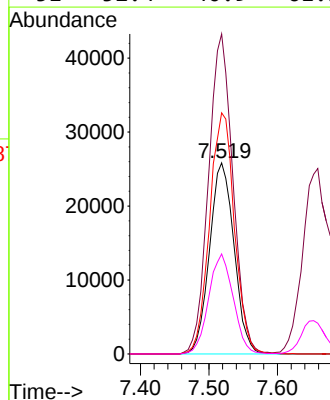
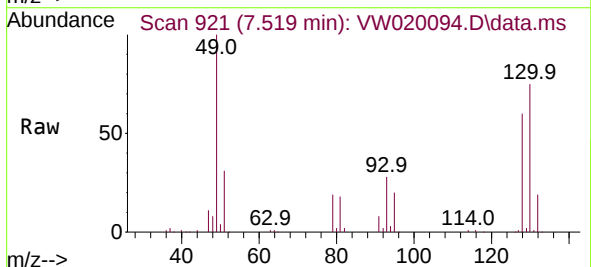
Instrument :  
MSVOA\_W  
ClientSampled :  
GB6T0MSD

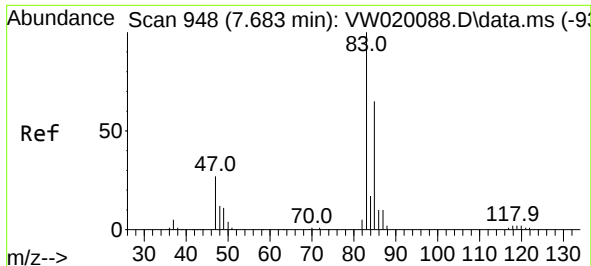
Tgt Ion: 43 Resp: 72884  
Ion Ratio Lower Upper  
43 100  
72 29.5 14.1 42.2



#23  
Bromochloromethane  
Concen: 25.698 ug/L  
RT: 7.519 min Scan# 921  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion: 128 Resp: 64324  
Ion Ratio Lower Upper  
128 100  
49 167.6 114.7 213.1  
130 126.3 94.2 175.0  
51 52.4 40.9 61.3





#25

Chloroform

Concen: 24.224 ug/L

RT: 7.683 min Scan# 948

Delta R.T. -0.000 min

Lab File: VW020094.D

Acq: 21 Sep 2021 15:53

Tgt Ion: 83 Resp: 253682

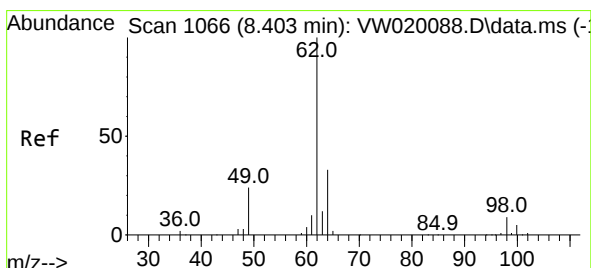
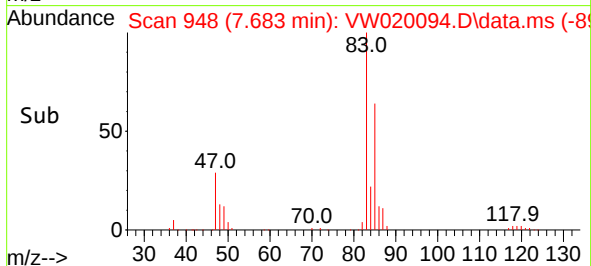
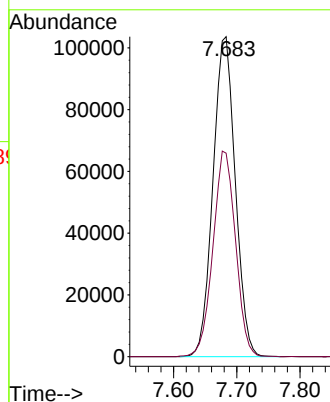
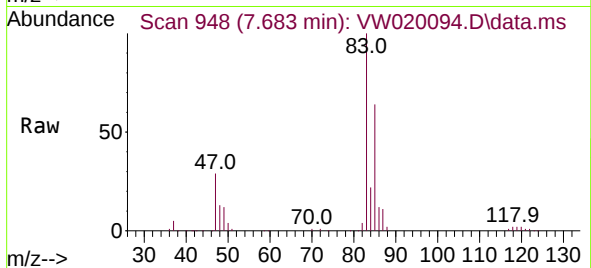
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.6  | 45.6  | 84.8  |

Instrument :

MSVOA\_W

ClientSampleId :

GB6T0MSD



#27

1,2-Dichloroethane

Concen: 25.887 ug/L

RT: 8.403 min Scan# 1066

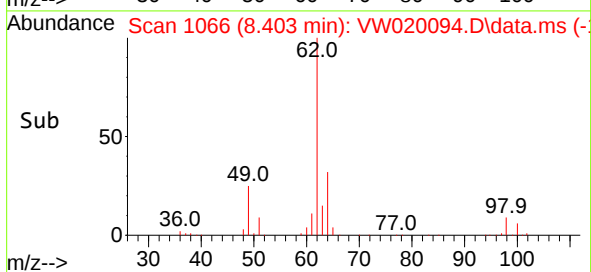
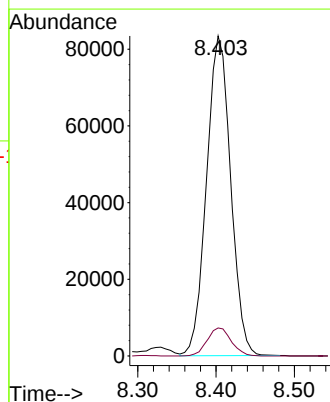
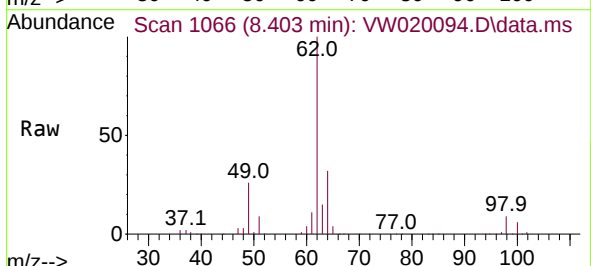
Delta R.T. -0.000 min

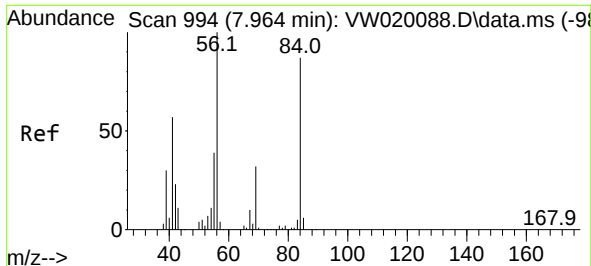
Lab File: VW020094.D

Acq: 21 Sep 2021 15:53

Tgt Ion: 62 Resp: 178403

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.7   | 6.9   | 10.3  |





#29

Cyclohexane

Concen: 25.090 ug/L

RT: 7.964 min Scan# 994

Delta R.T. -0.000 min

Lab File: VW020094.D

Acq: 21 Sep 2021 15:53

Instrument :

MSVOA\_W

ClientSampleId :

GB6T0MSD

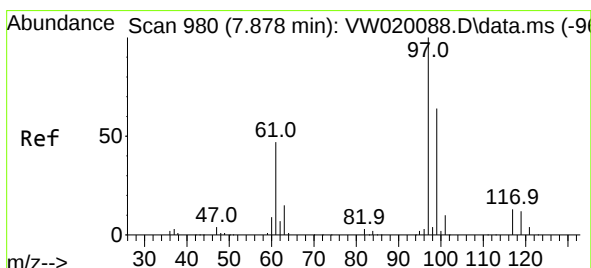
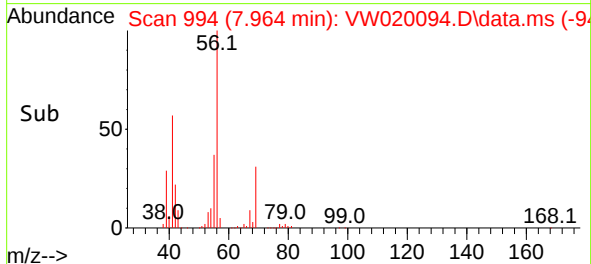
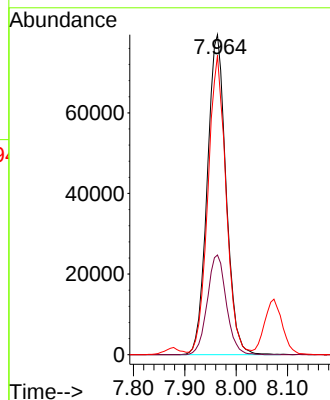
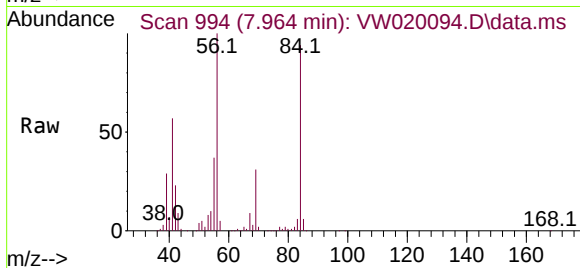
Tgt Ion: 56 Resp: 201823

Ion Ratio Lower Upper

56 100

69 31.4 25.7 38.5

84 90.7 73.4 110.2



#30

1,1,1-Trichloroethane

Concen: 23.360 ug/L

RT: 7.878 min Scan# 980

Delta R.T. -0.000 min

Lab File: VW020094.D

Acq: 21 Sep 2021 15:53

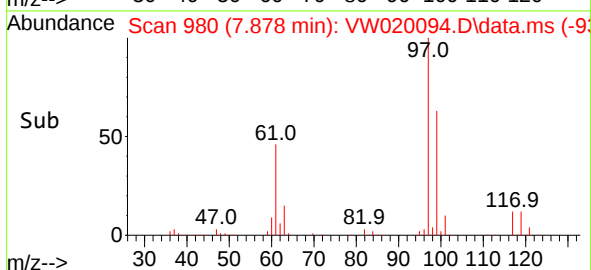
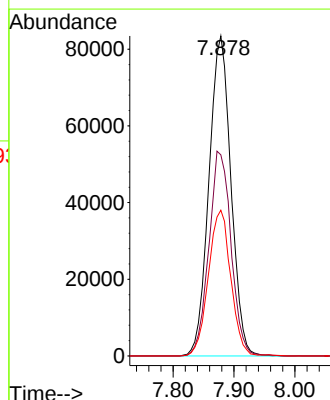
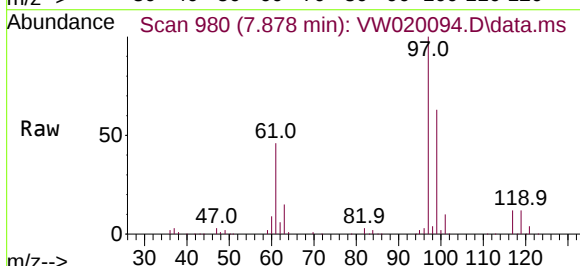
Tgt Ion: 97 Resp: 209257

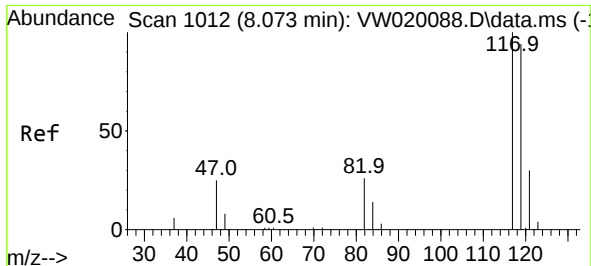
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 46.2 37.5 56.3

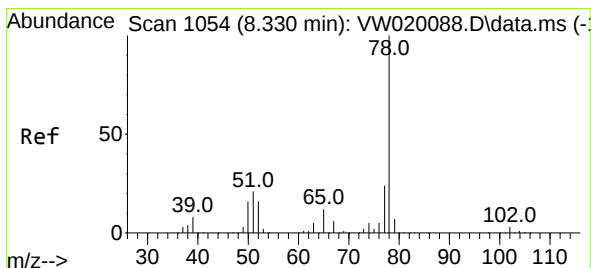
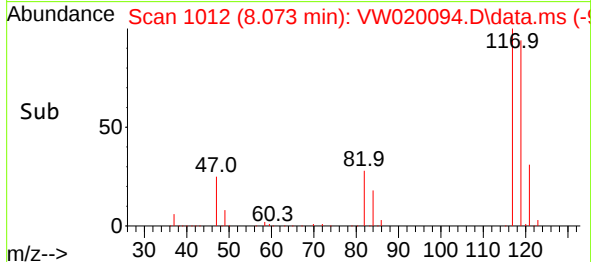
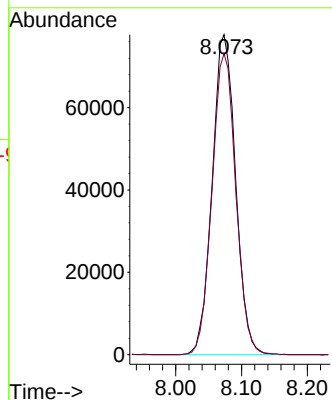
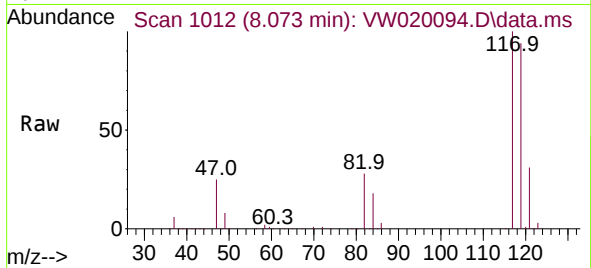




#31  
Carbon tetrachloride  
Concen: 23.633 ug/L  
RT: 8.073 min Scan# 1012  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

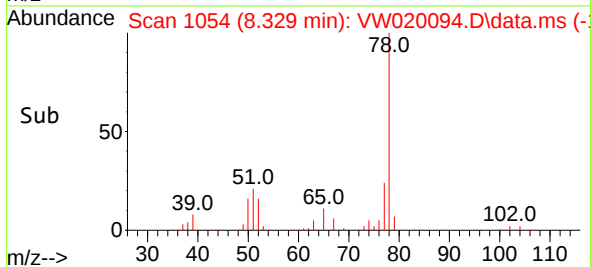
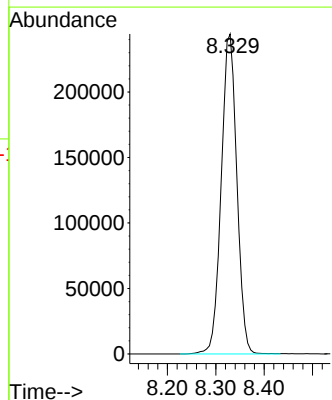
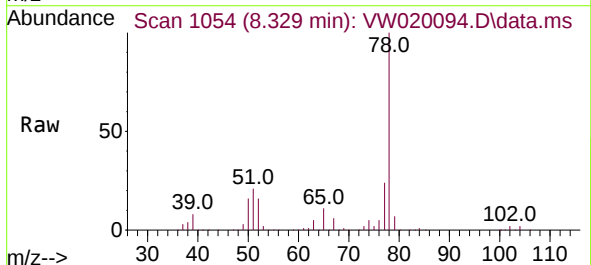
Instrument :  
MSVOA\_W  
ClientSampleId :  
GB6T0MSD

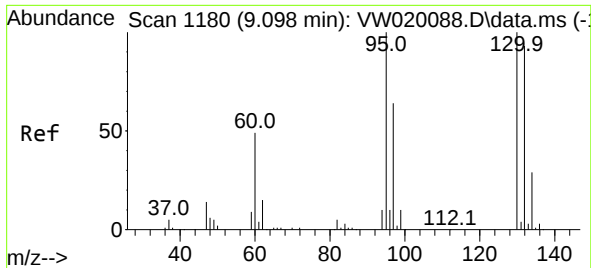
Tgt Ion:117 Resp: 192617  
Ion Ratio Lower Upper  
117 100  
119 95.5 76.4 114.6



#33  
Benzene  
Concen: 25.121 ug/L  
RT: 8.329 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion: 78 Resp: 548074



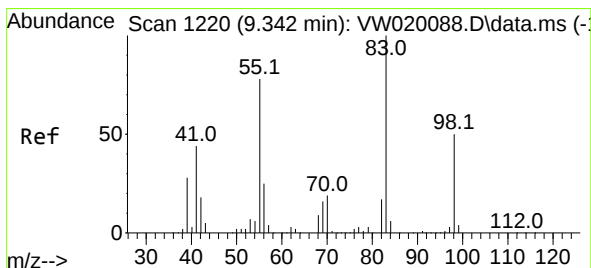
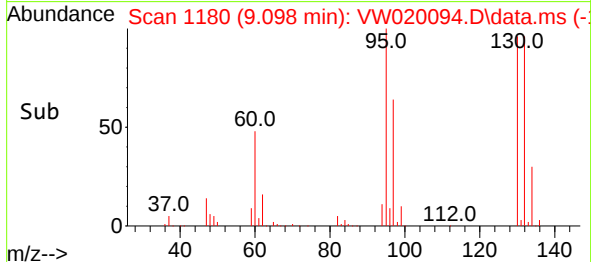
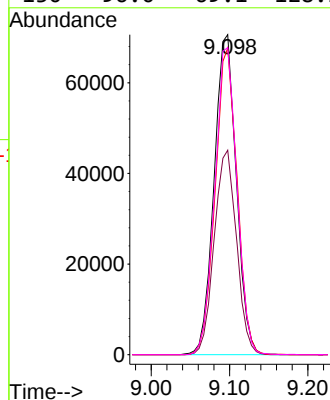
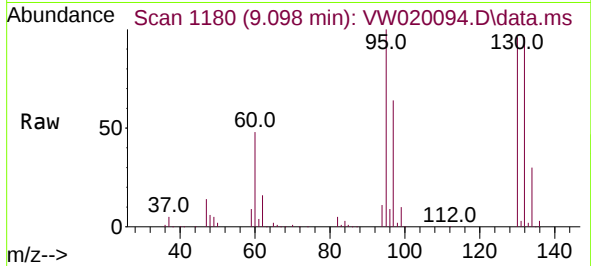


#34  
Trichloroethene  
Concen: 23.823 ug/L  
RT: 9.098 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
GB6T0MSD

Tgt Ion: 95 Resp: 139134

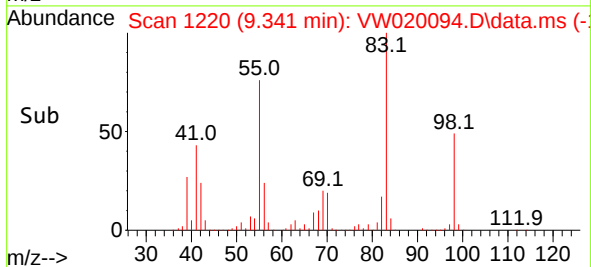
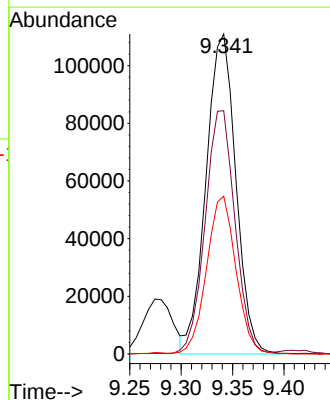
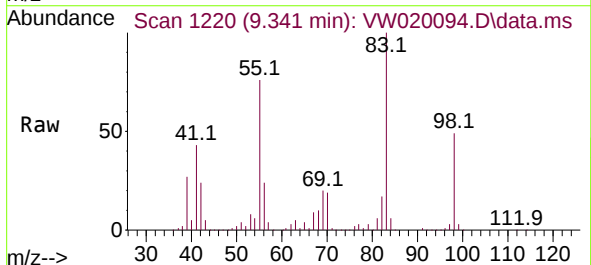
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 63.9  | 45.1  | 83.7  |
| 132 | 95.8  | 67.9  | 126.1 |
| 130 | 96.0  | 69.1  | 128.3 |

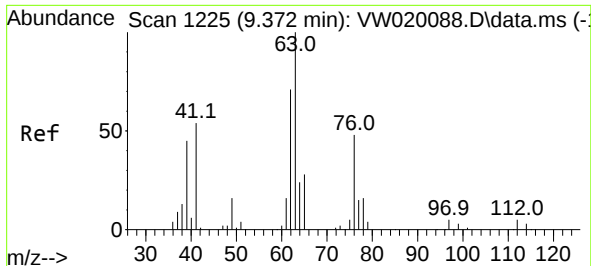


#35  
Methylcyclohexane  
Concen: 23.524 ug/L  
RT: 9.341 min Scan# 1220  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion: 83 Resp: 223860

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 75.8  | 61.4  | 92.2  |
| 98  | 48.6  | 38.1  | 57.1  |

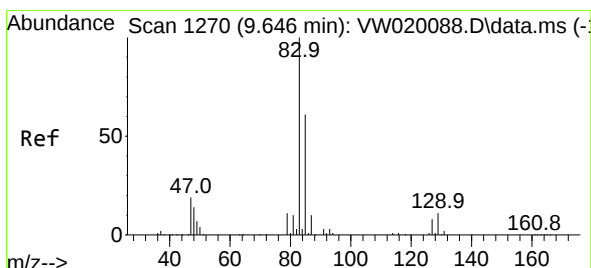
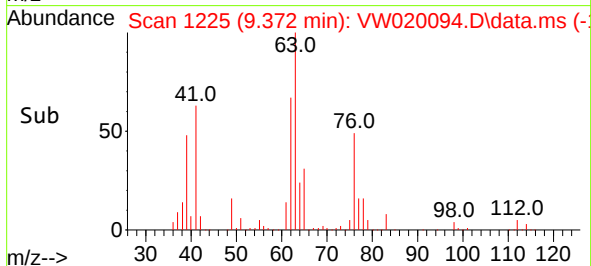
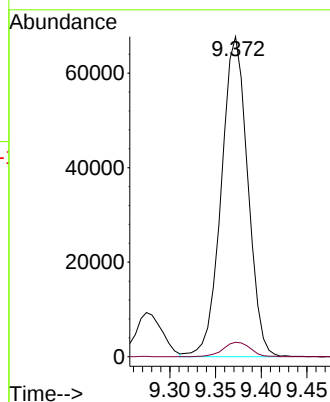
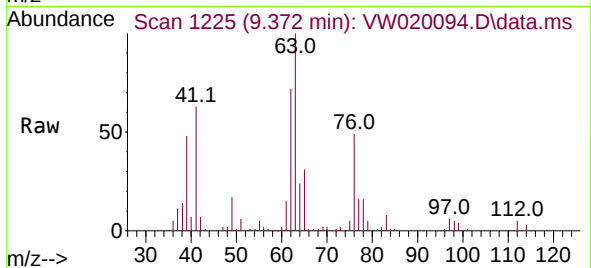




#37  
1,2-Dichloropropane  
Concen: 25.226 ug/L  
RT: 9.372 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

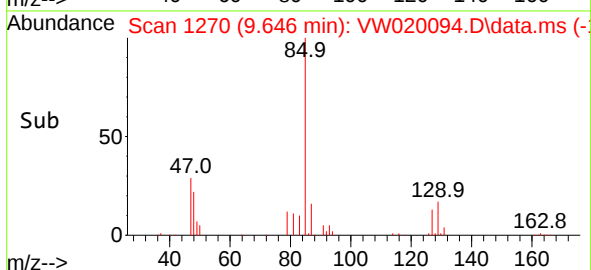
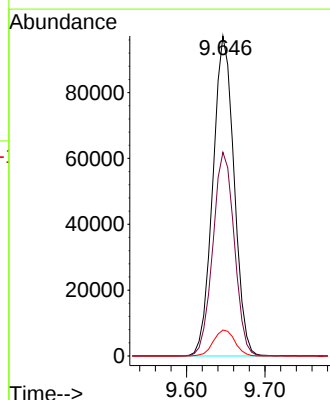
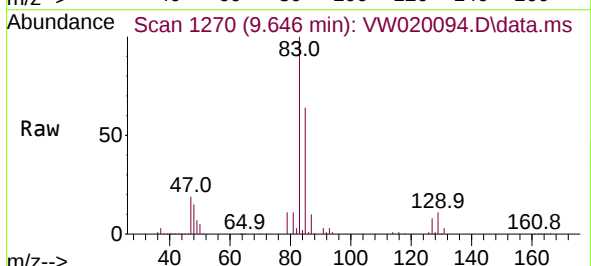
Instrument :  
MSVOA\_W  
ClientSampleId :  
GB6T0MSD

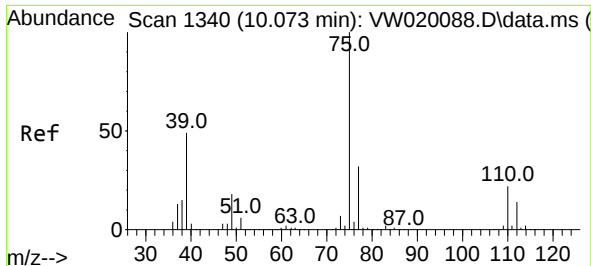
Tgt Ion: 63 Resp: 136319  
Ion Ratio Lower Upper  
63 100  
112 4.6 3.6 5.4



#38  
Bromodichloromethane  
Concen: 24.995 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion: 83 Resp: 182908  
Ion Ratio Lower Upper  
83 100  
85 63.7 44.4 82.5  
127 8.1 6.5 9.7

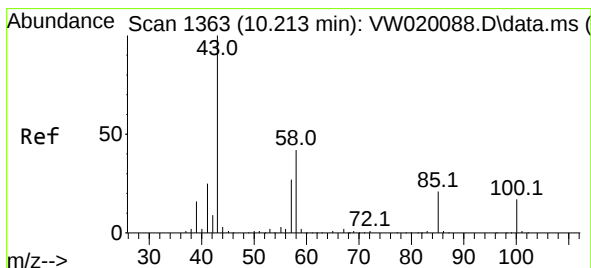
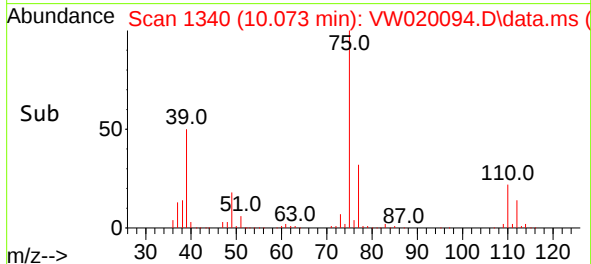
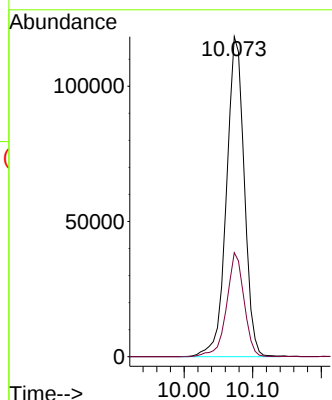
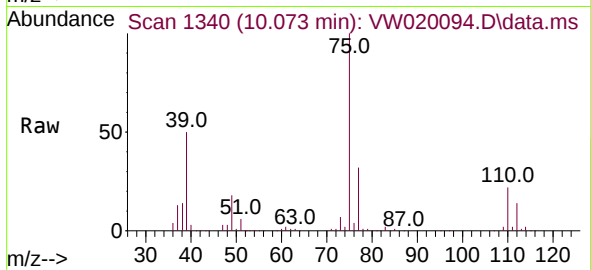




#39  
 cis-1,3-Dichloropropene  
 Concen: 26.744 ug/L  
 RT: 10.073 min Scan# 1340  
 Delta R.T. -0.000 min  
 Lab File: VW020094.D  
 Acq: 21 Sep 2021 15:53

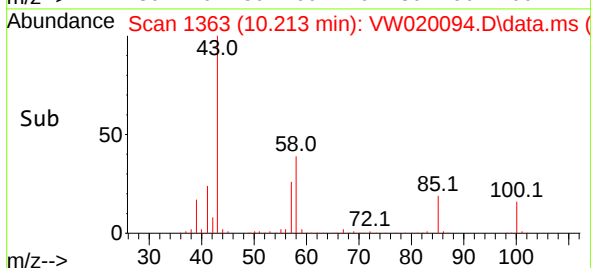
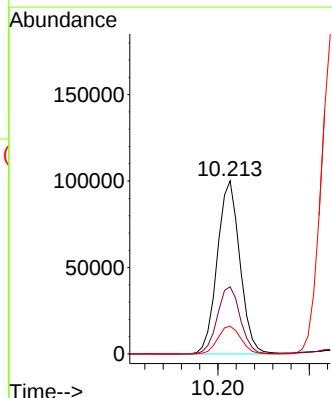
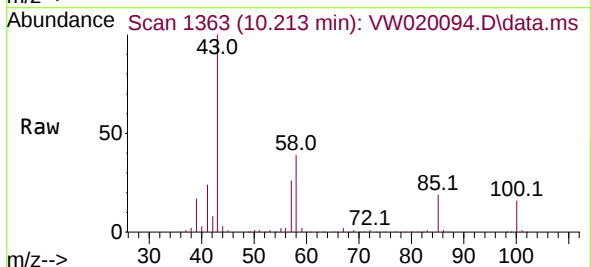
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 GB6T0MSD

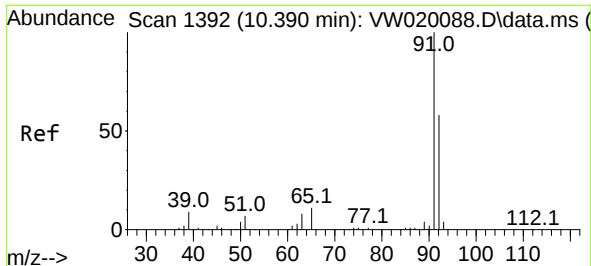
Tgt Ion: 75 Resp: 213161  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 23.0 42.6



#40  
 4-Methyl-2-pentanone  
 Concen: 63.378 ug/L  
 RT: 10.213 min Scan# 1363  
 Delta R.T. -0.000 min  
 Lab File: VW020094.D  
 Acq: 21 Sep 2021 15:53

Tgt Ion: 43 Resp: 172488  
 Ion Ratio Lower Upper  
 43 100  
 58 39.5 31.3 46.9  
 100 16.4 13.3 19.9





#42

Toluene

Concen: 26.902 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020094.D

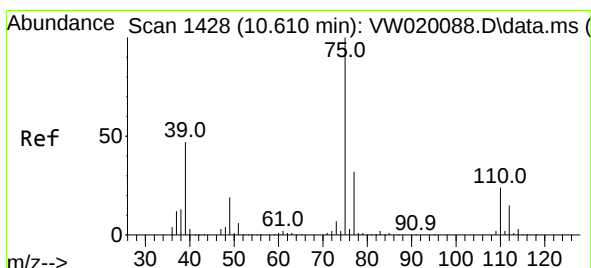
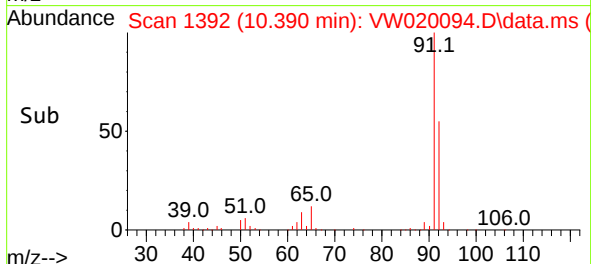
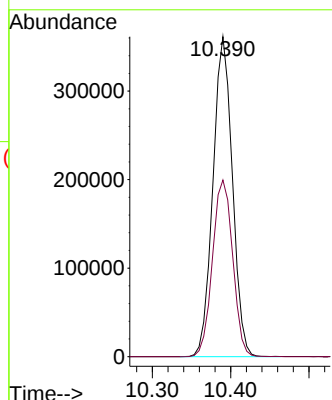
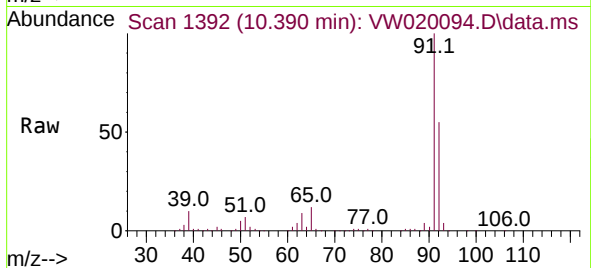
Acq: 21 Sep 2021 15:53

Tgt Ion: 91 Resp: 623557

Ion Ratio Lower Upper

91 100

92 55.2 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 28.005 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. -0.000 min

Lab File: VW020094.D

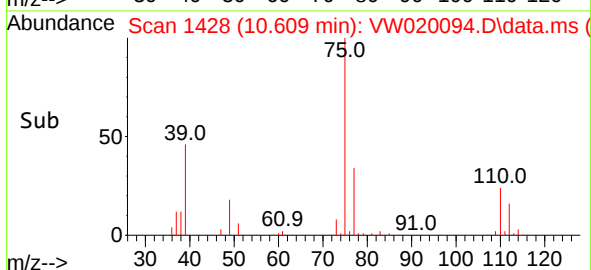
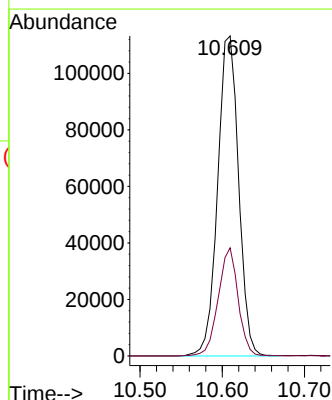
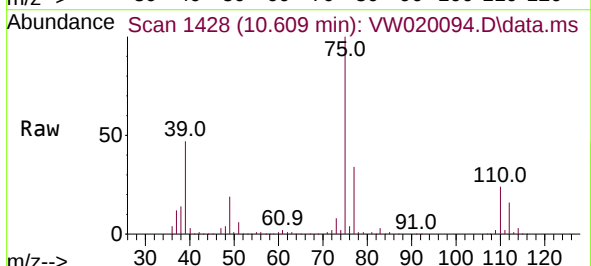
Acq: 21 Sep 2021 15:53

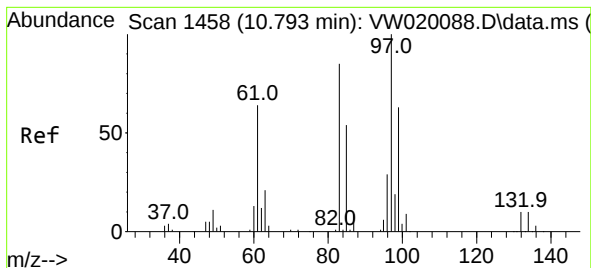
Tgt Ion: 75 Resp: 200493

Ion Ratio Lower Upper

75 100

77 33.8 22.0 40.8

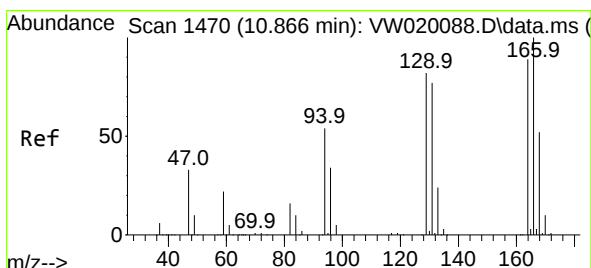
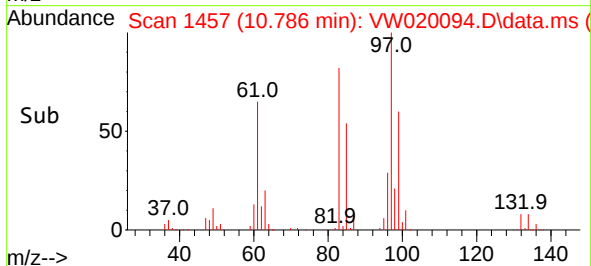
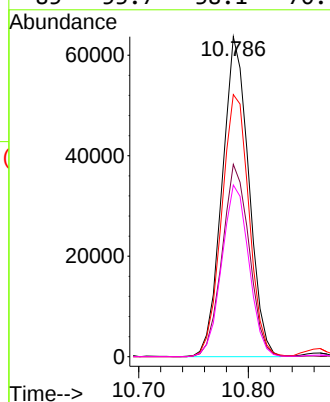
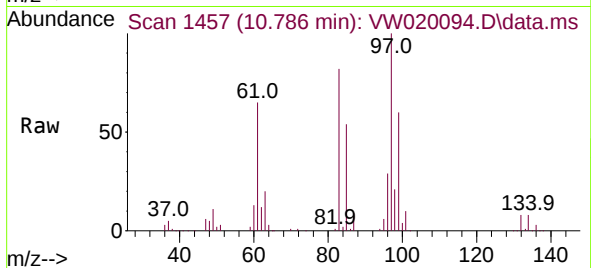




#45  
1,1,2-Trichloroethane  
Concen: 27.123 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.006 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

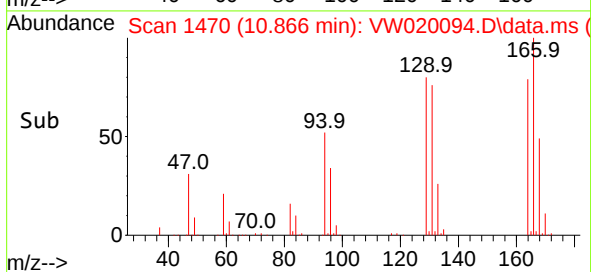
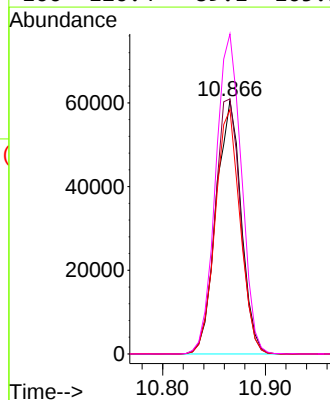
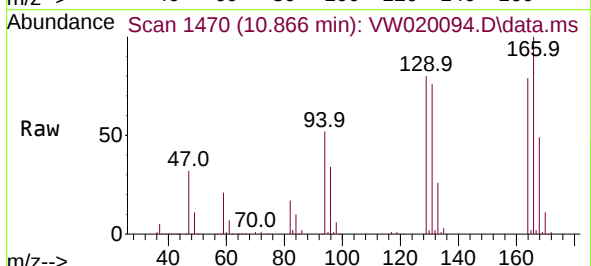
Instrument :  
MSVOA\_W  
ClientSampled :  
GB6T0MSD

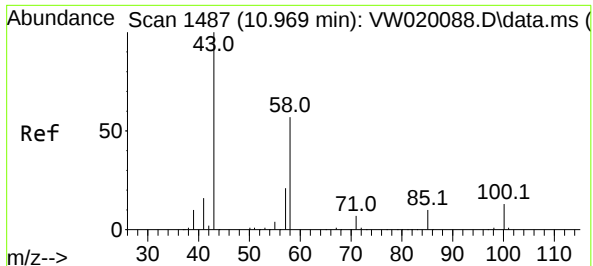
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 107472 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 60.1  | 42.0  | 78.0   |
| 83       | 81.9  | 58.7  | 108.9  |
| 85       | 53.7  | 38.1  | 70.7   |



#46  
Tetrachloroethene  
Concen: 22.751 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 102700 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 100.7 | 69.5  | 129.1  |
| 131      | 96.5  | 66.5  | 123.5  |
| 166      | 126.4 | 89.1  | 165.5  |

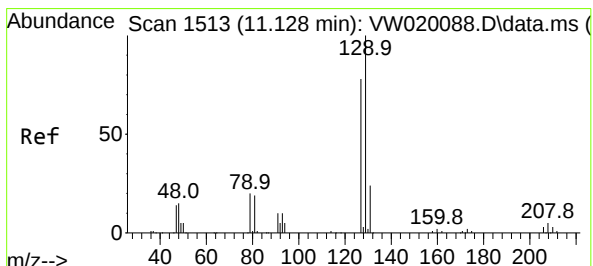
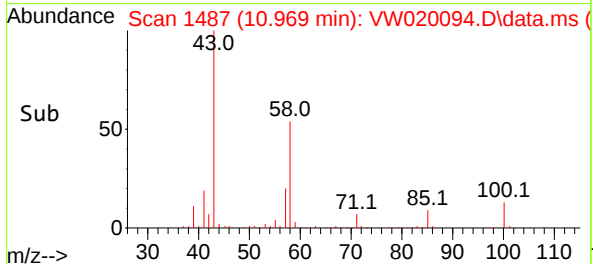
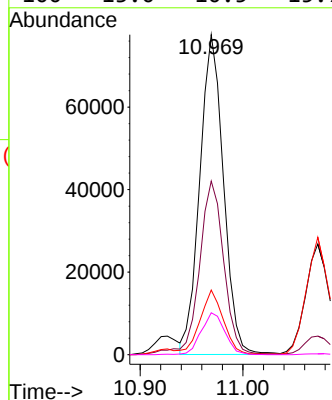
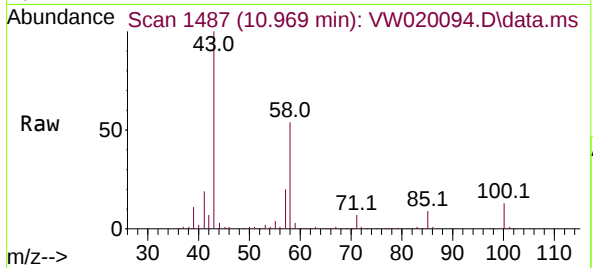




#48  
2-Hexanone  
Concen: 65.637 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

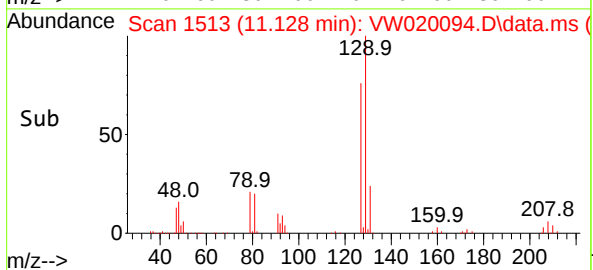
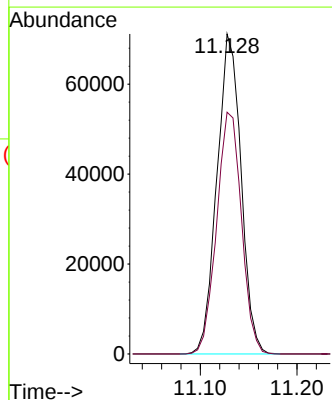
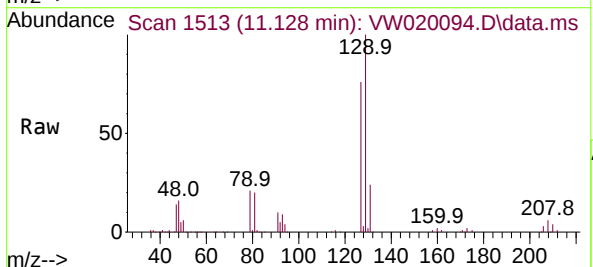
Instrument :  
MSVOA\_W  
ClientSampled :  
GB6T0MSD

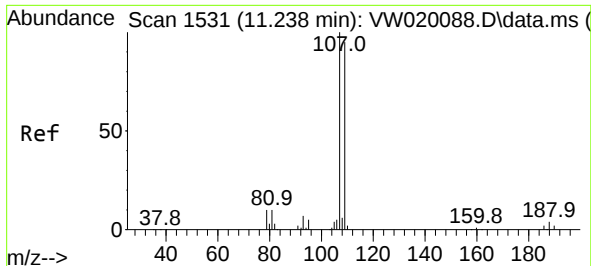
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 124436 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 56.1  | 43.8  | 65.6   |
| 57       | 19.8  | 15.6  | 23.4   |
| 100      | 13.0  | 10.5  | 15.7   |



#49  
Dibromochloromethane  
Concen: 26.592 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 129   | Resp: | 123122 |
| Ion      | Ratio | Lower | Upper  |
| 129      | 100   |       |        |
| 127      | 75.5  | 57.0  | 105.8  |

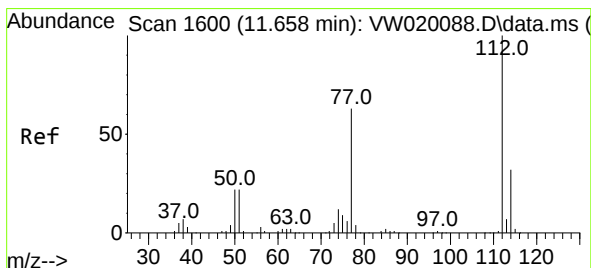
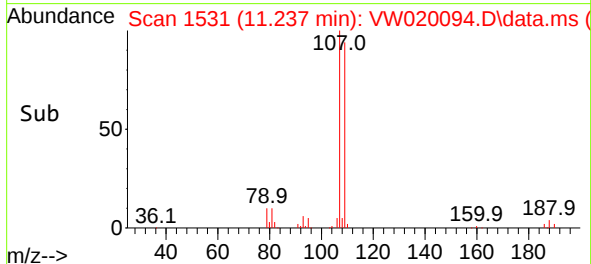
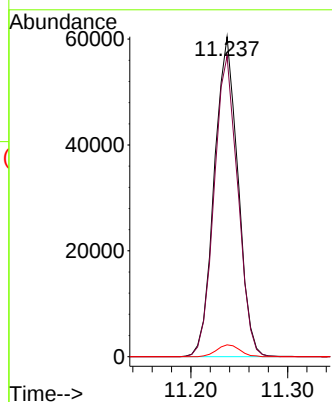
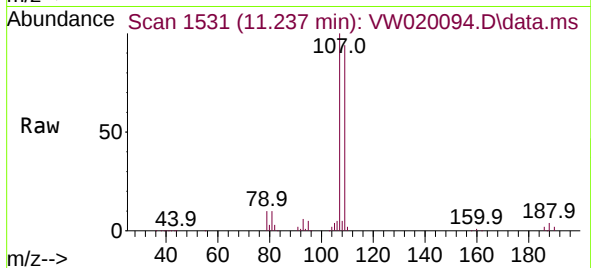




#50  
1,2-Dibromoethane  
Concen: 27.468 ug/L  
RT: 11.237 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

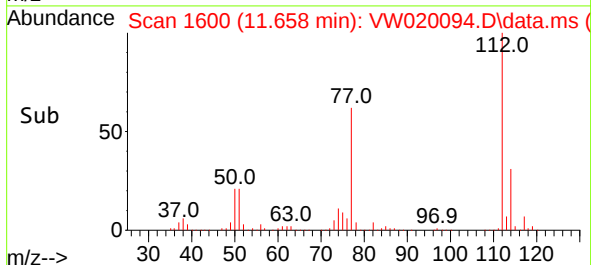
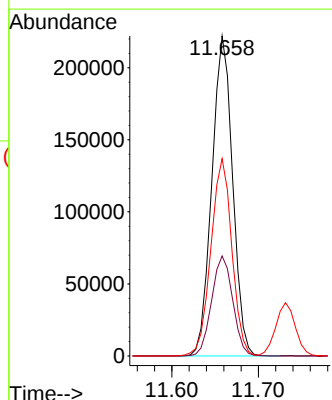
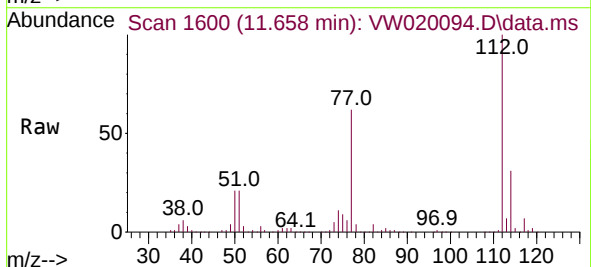
Instrument :  
MSVOA\_W  
ClientSampleId :  
GB6T0MSD

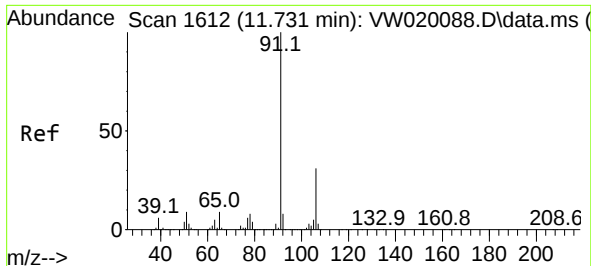
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 102427 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 109       | 93.9  | 64.1  | 119.1  |
| 188       | 3.7   | 3.0   | 4.4    |



#51  
Chlorobenzene  
Concen: 24.515 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 369564 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 114       | 31.3  | 21.9  | 40.7   |
| 77        | 61.6  | 48.0  | 72.0   |

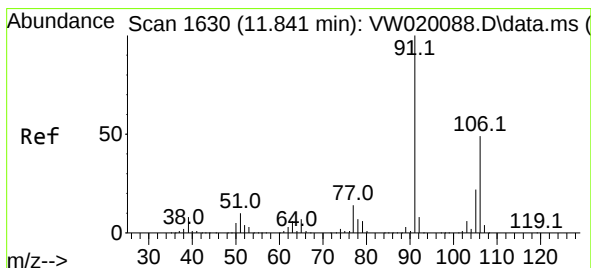
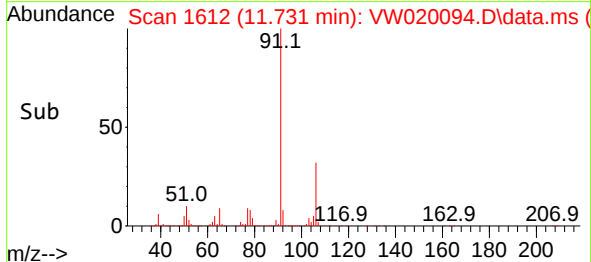
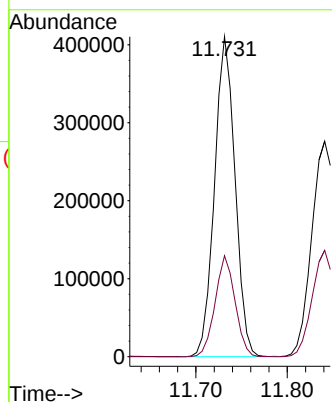
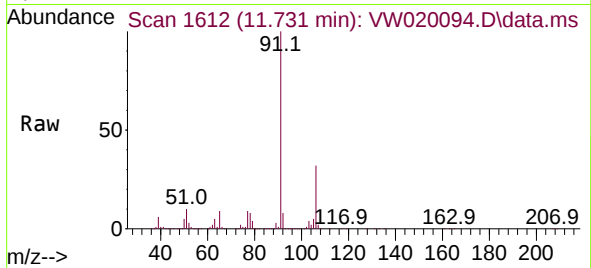




#52  
Ethylbenzene  
Concen: 25.047 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

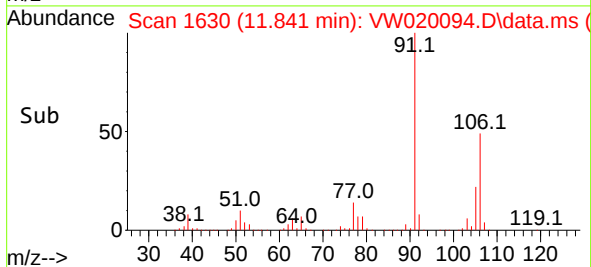
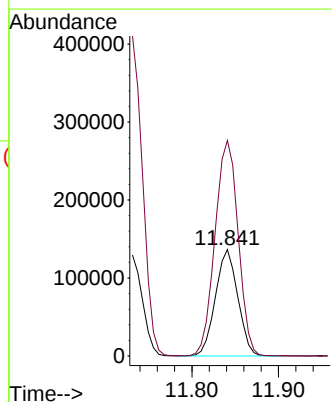
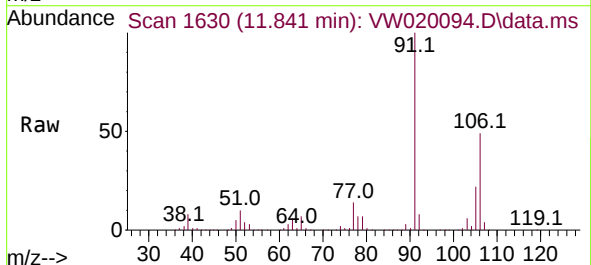
Instrument :  
MSVOA\_W  
ClientSampleId :  
GB6T0MSD

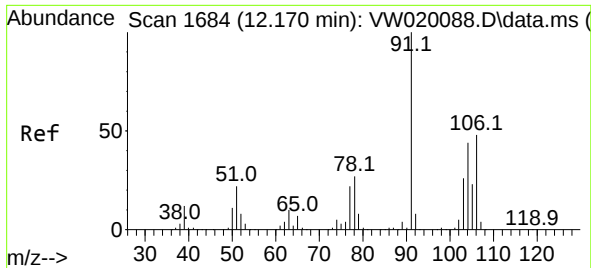
Tgt Ion: 91 Resp: 639452  
Ion Ratio Lower Upper  
91 100  
106 31.6 22.0 40.8



#53  
m,p-Xylene  
Concen: 25.154 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion: 106 Resp: 244822  
Ion Ratio Lower Upper  
106 100  
91 202.7 146.4 271.8

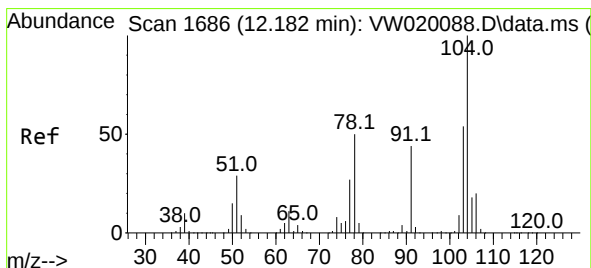
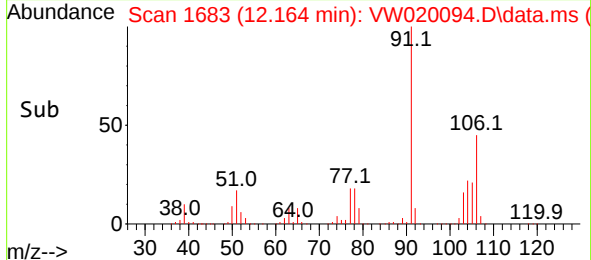
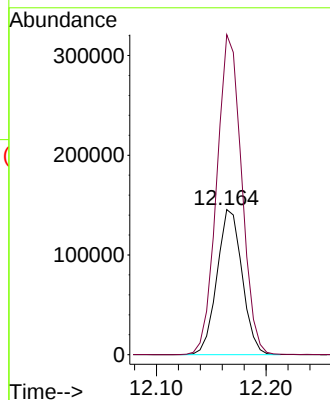
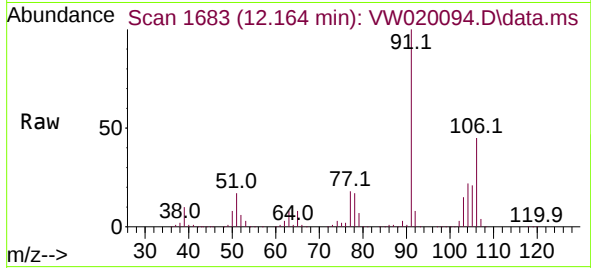




#54  
o-Xylene  
Concen: 25.716 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.006 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

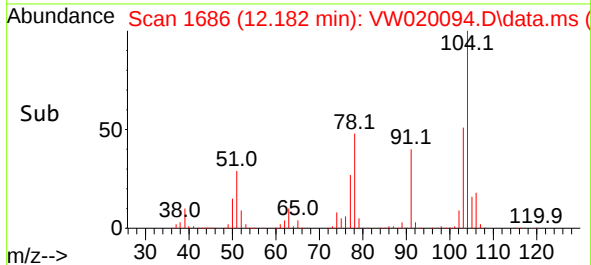
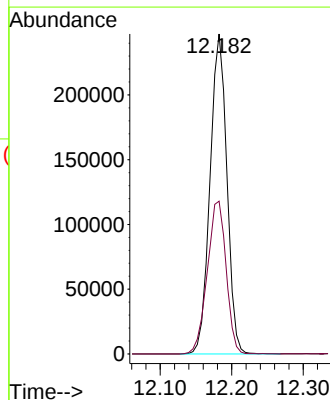
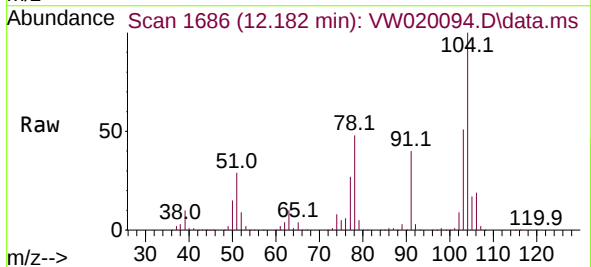
Instrument :  
MSVOA\_W  
ClientSampled :  
GB6T0MSD

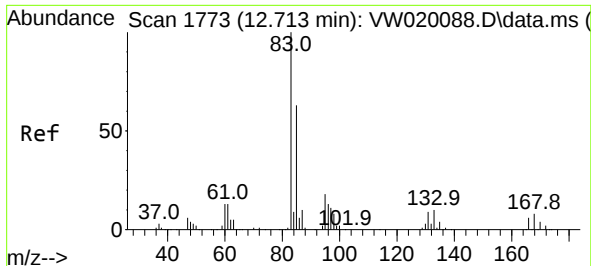
Tgt Ion:106 Resp: 231528  
Ion Ratio Lower Upper  
106 100  
91 220.6 154.3 286.7



#55  
Styrene  
Concen: 25.839 ug/L  
RT: 12.182 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion:104 Resp: 404245  
Ion Ratio Lower Upper  
104 100  
78 47.8 32.7 60.7

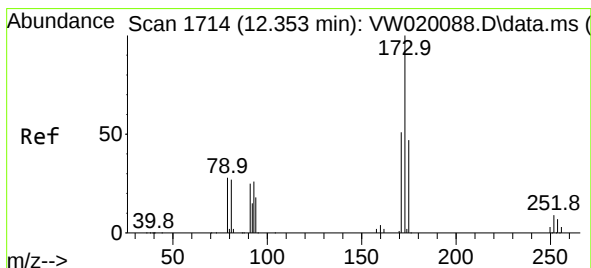
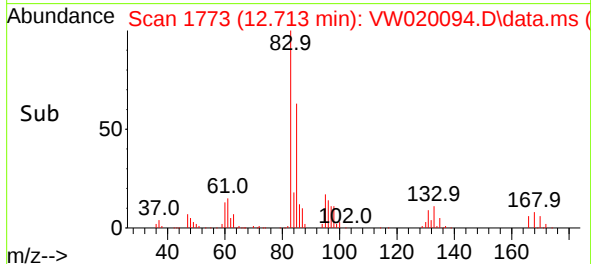
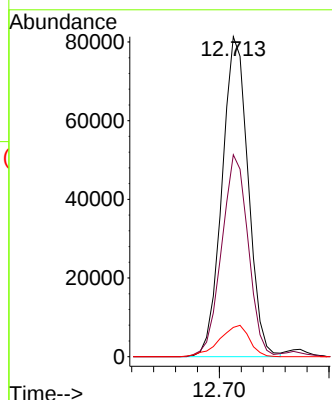
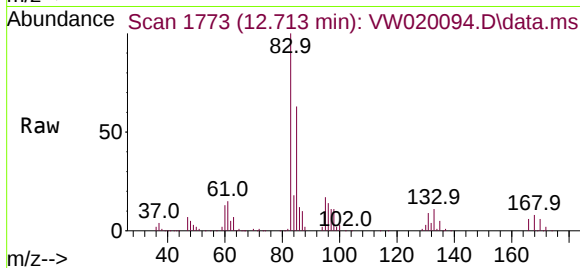




#57  
1,1,2,2-Tetrachloroethane  
Concen: 28.480 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

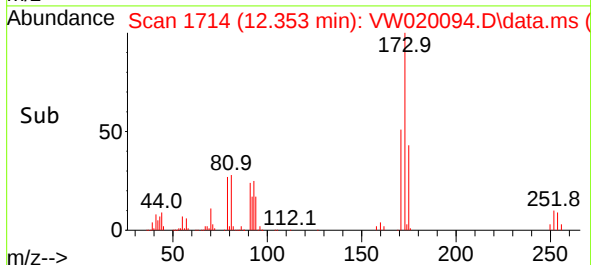
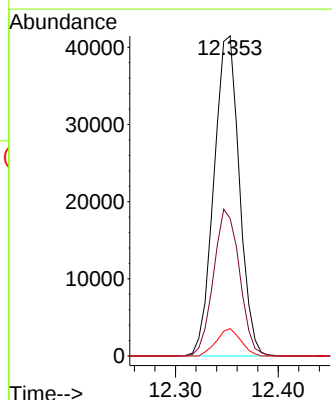
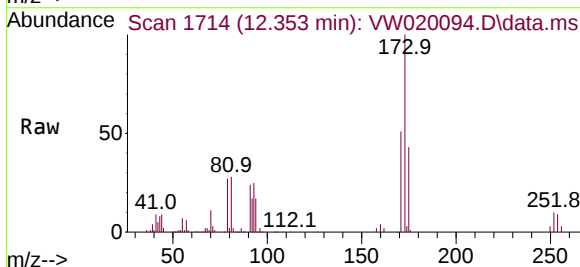
Instrument :  
MSVOA\_W  
ClientSampled :  
GB6T0MSD

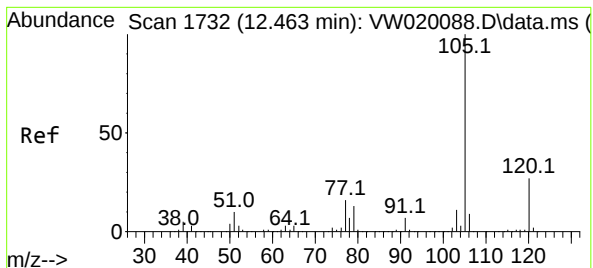
Tgt Ion: 83 Resp: 134789  
Ion Ratio Lower Upper  
83 100  
85 63.1 43.3 80.5  
131 9.1 7.9 11.9



#59  
Bromoform  
Concen: 28.446 ug/L  
RT: 12.353 min Scan# 1714  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion: 173 Resp: 71197  
Ion Ratio Lower Upper  
173 100  
175 46.9 39.2 58.8  
254 8.2 6.6 10.0

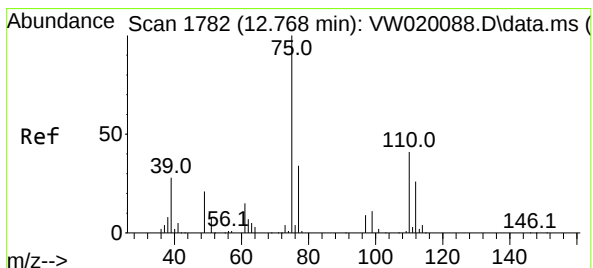
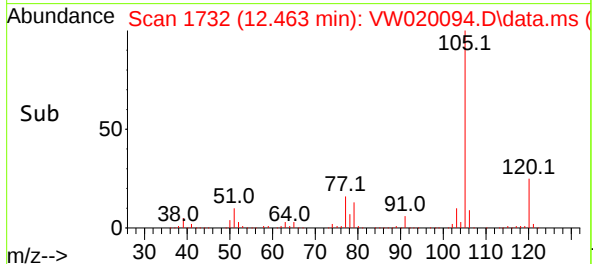
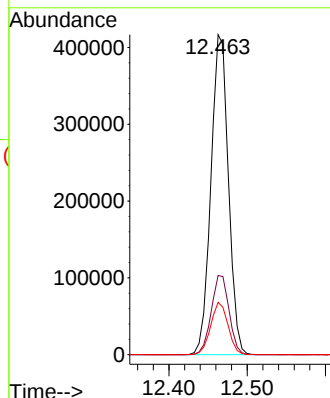
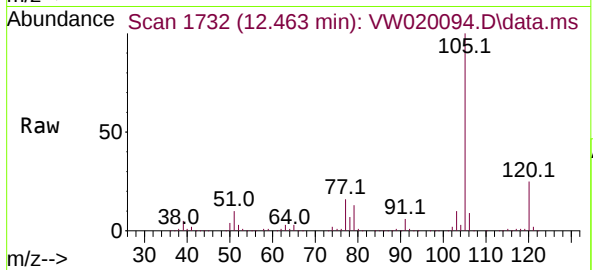




#60  
Isopropylbenzene  
Concen: 26.207 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

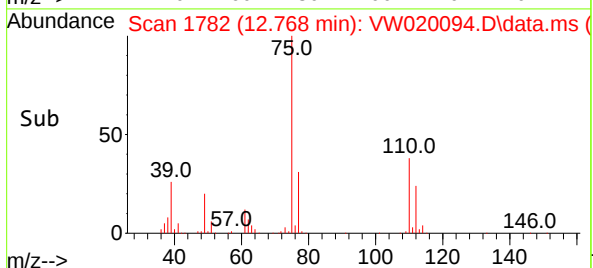
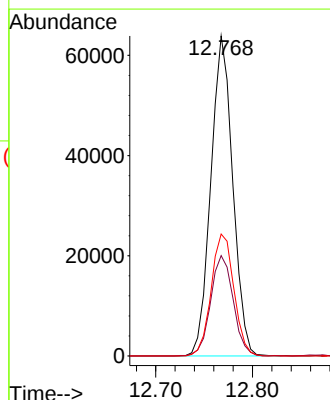
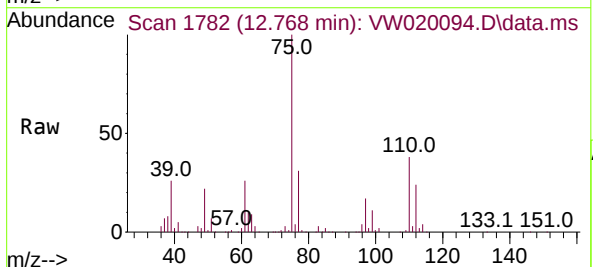
Instrument :  
MSVOA\_W  
ClientSampleId :  
GB6T0MSD

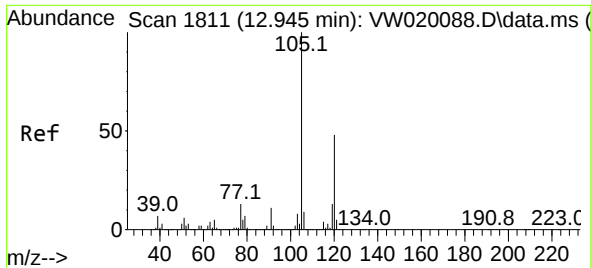
Tgt Ion:105 Resp: 645035  
Ion Ratio Lower Upper  
105 100  
120 25.2 20.9 31.3  
77 16.2 13.3 19.9



#61  
1,2,3-Trichloropropane  
Concen: 29.002 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion: 75 Resp: 100528  
Ion Ratio Lower Upper  
75 100  
77 32.3 26.3 39.5  
110 39.4 30.2 45.2

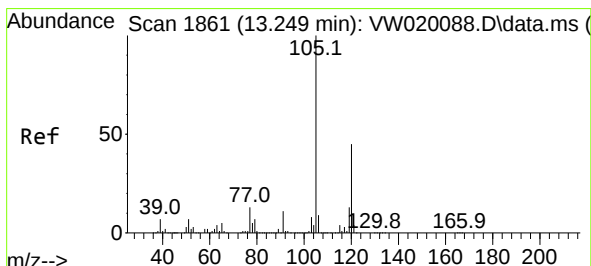
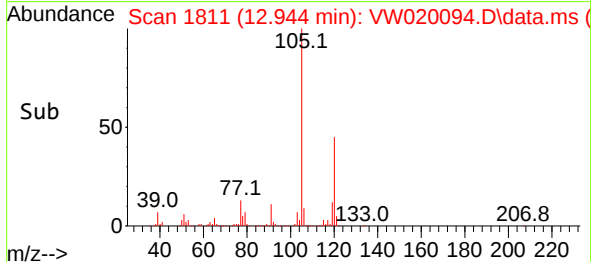
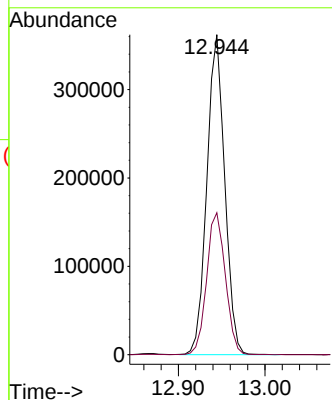
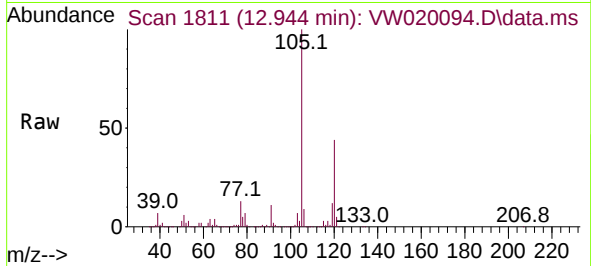




#62  
1,3,5-Trimethylbenzene  
Concen: 25.702 ug/L  
RT: 12.944 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

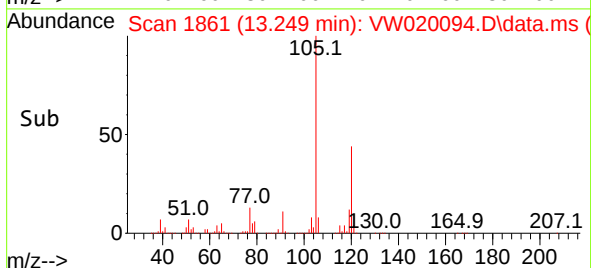
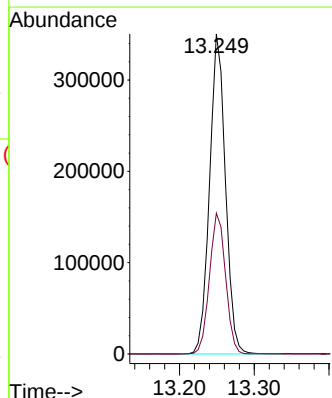
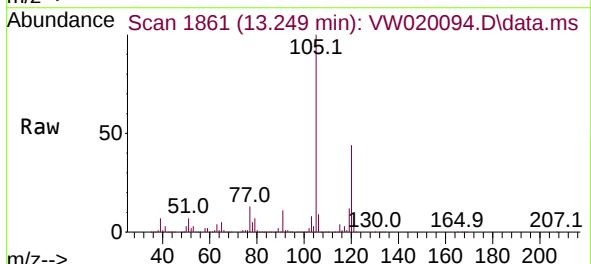
Instrument :  
MSVOA\_W  
ClientSampleId :  
GB6T0MSD

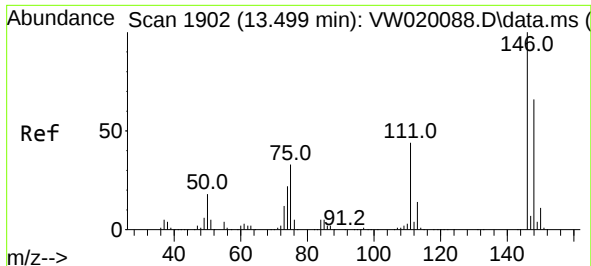
Tgt Ion:105 Resp: 519186  
Ion Ratio Lower Upper  
105 100  
120 46.4 38.0 57.0



#63  
1,2,4-Trimethylbenzene  
Concen: 26.021 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion:105 Resp: 516342  
Ion Ratio Lower Upper  
105 100  
120 44.5 36.2 54.4

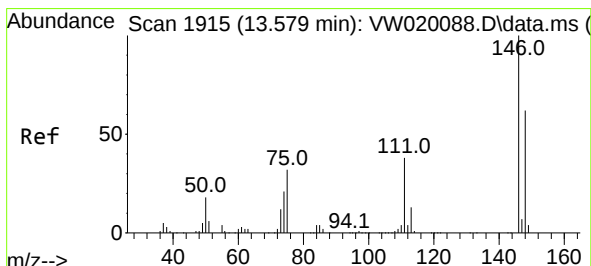
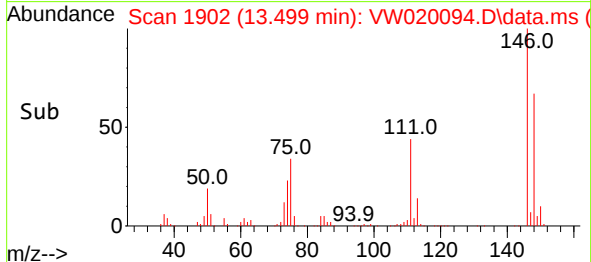
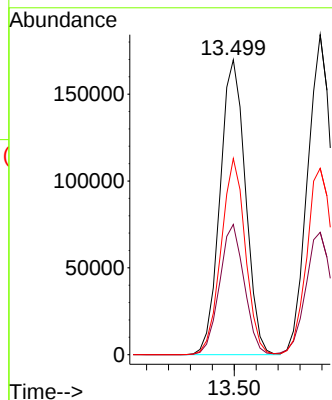
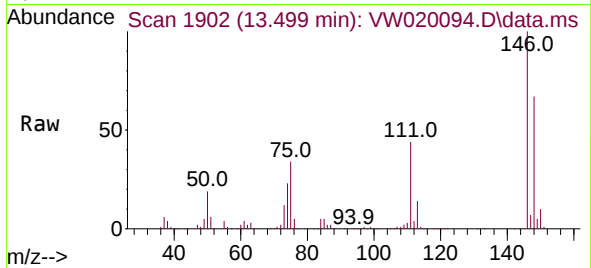




#64  
1,3-Dichlorobenzene  
Concen: 24.247 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

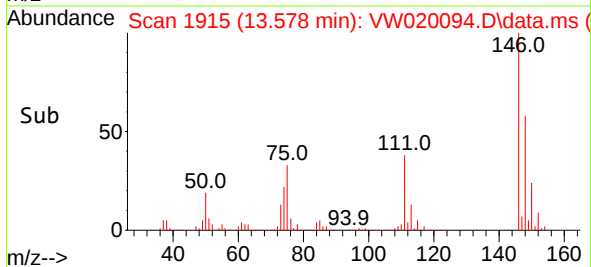
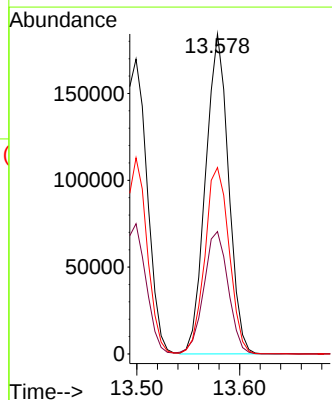
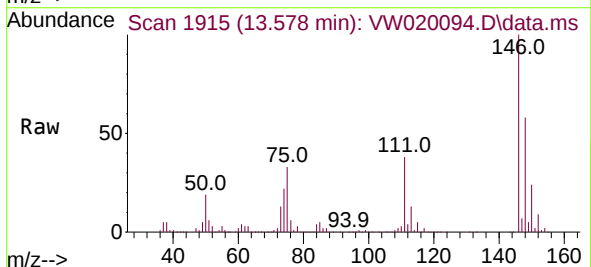
Instrument :  
MSVOA\_W  
ClientSampled :  
GB6T0MSD

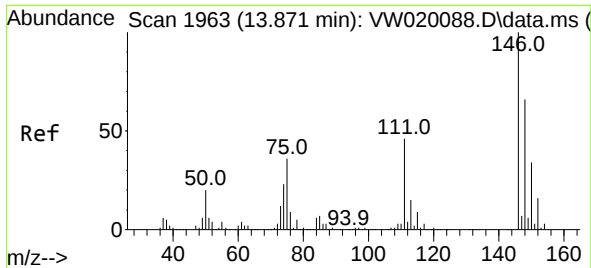
Tgt Ion:146 Resp: 273691  
Ion Ratio Lower Upper  
146 100  
111 44.2 28.3 52.5  
148 66.5 44.4 82.4



#65  
1,4-Dichlorobenzene  
Concen: 24.622 ug/L  
RT: 13.578 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion:146 Resp: 287226  
Ion Ratio Lower Upper  
146 100  
111 38.2 29.6 55.0  
148 58.2 45.3 84.1

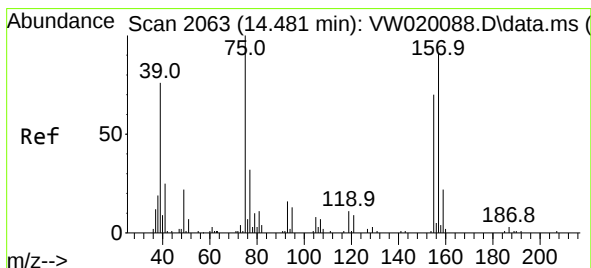
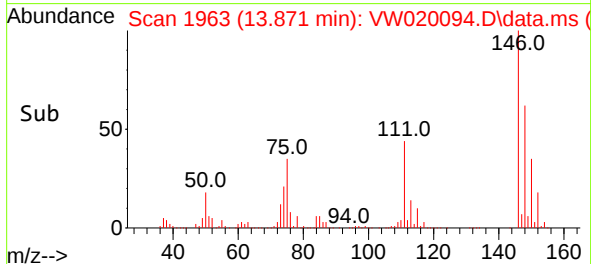
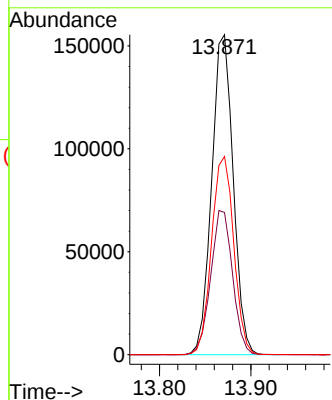
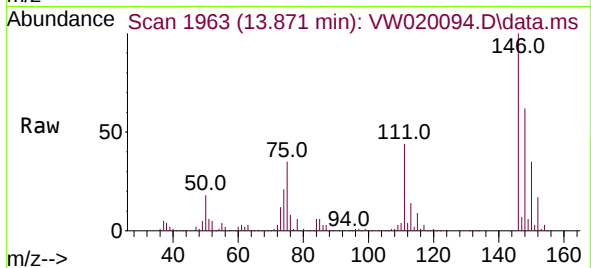




#67  
1,2-Dichlorobenzene  
Concen: 24.799 ug/L  
RT: 13.871 min Scan# 1963  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

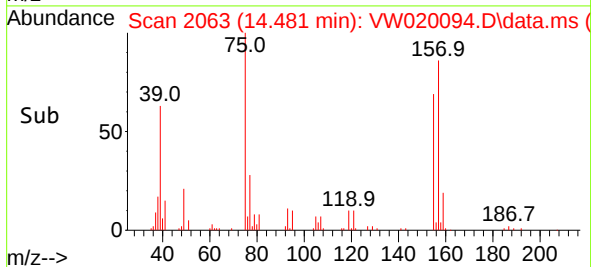
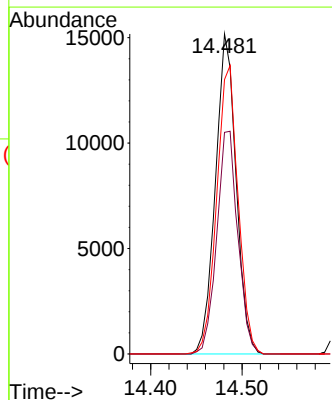
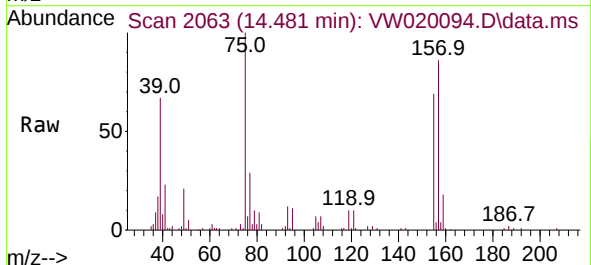
Instrument :  
MSVOA\_W  
ClientSampled :  
GB6T0MSD

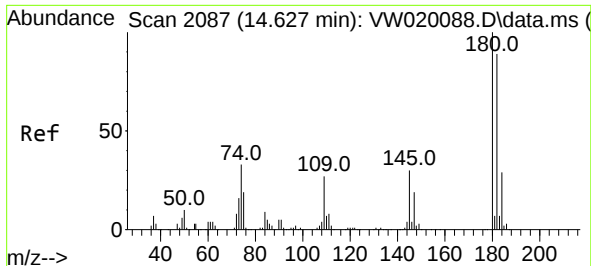
Tgt Ion:146 Resp: 254946  
Ion Ratio Lower Upper  
146 100  
111 44.4 34.7 52.1  
148 62.0 50.2 75.4



#68  
1,2-Dibromo-3-chloropropane  
Concen: 30.686 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

Tgt Ion: 75 Resp: 23877  
Ion Ratio Lower Upper  
75 100  
155 69.2 58.5 87.7  
157 85.8 77.4 116.0

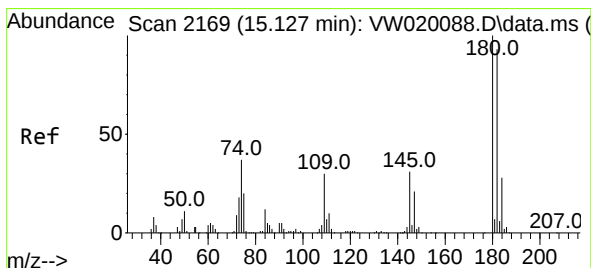
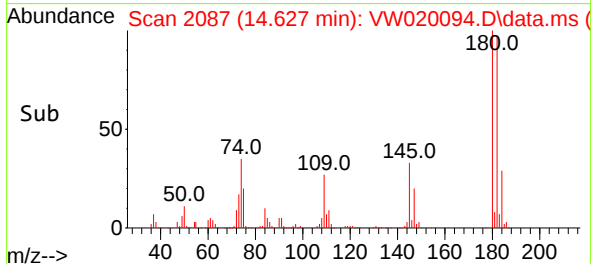
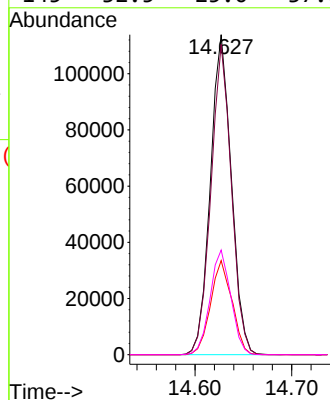
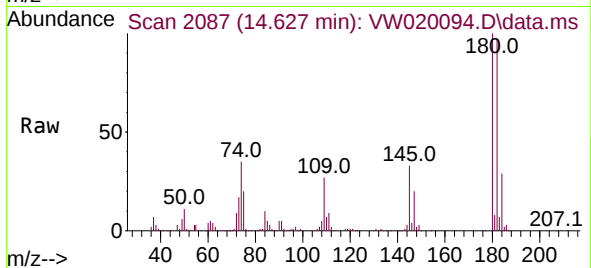




#69  
1,3,5-Trichlorobenzene  
Concen: 21.947 ug/L  
RT: 14.627 min Scan# 2087  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

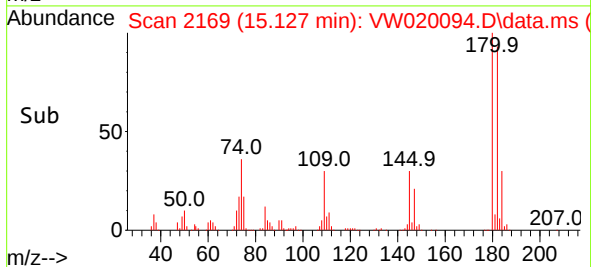
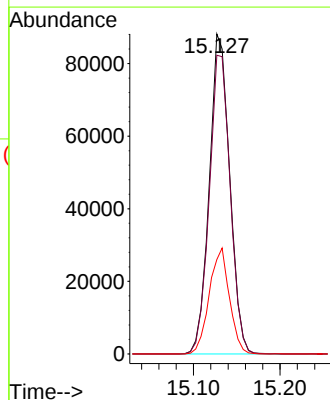
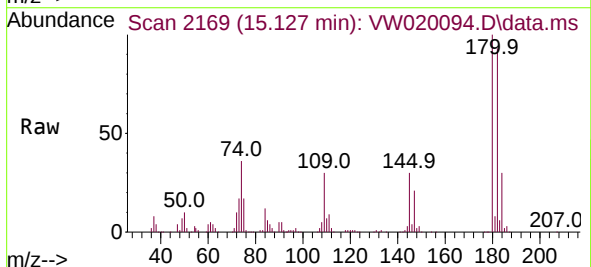
Instrument :  
MSVOA\_W  
ClientSampleId :  
GB6T0MSD

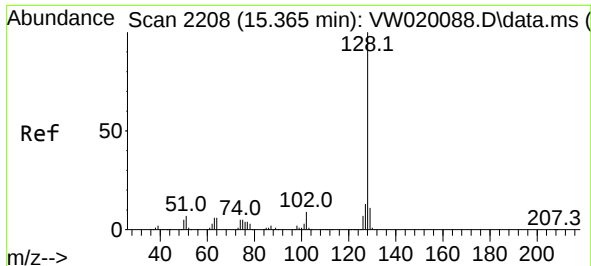
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 171352 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.5  | 75.2  | 112.8  |
| 184       | 30.1  | 24.3  | 36.5   |
| 145       | 32.5  | 25.0  | 37.6   |



#70  
1,2,4-trichlorobenzene  
Concen: 23.983 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

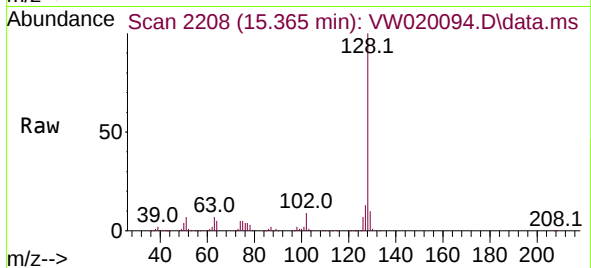
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 144507 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.6  | 70.6  | 106.0  |
| 145       | 32.6  | 25.7  | 38.5   |



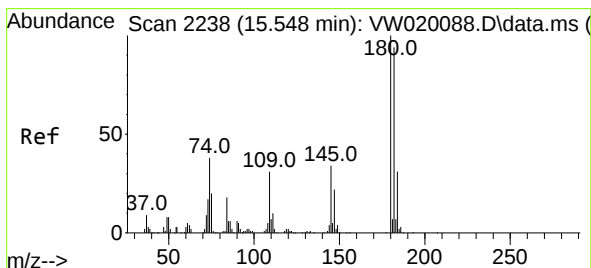
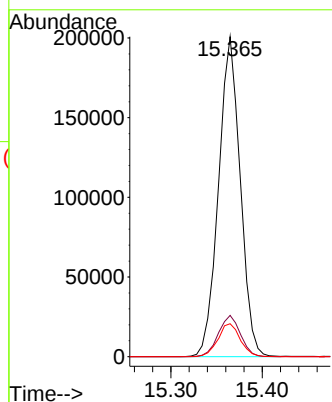
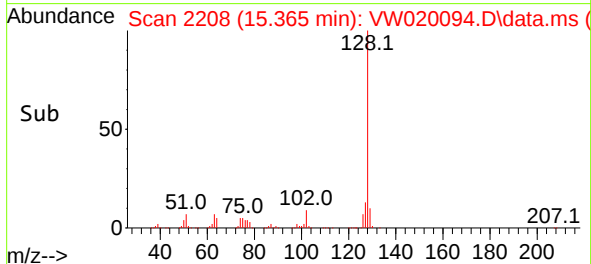


#71  
Naphthalene  
Concen: 31.250 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53

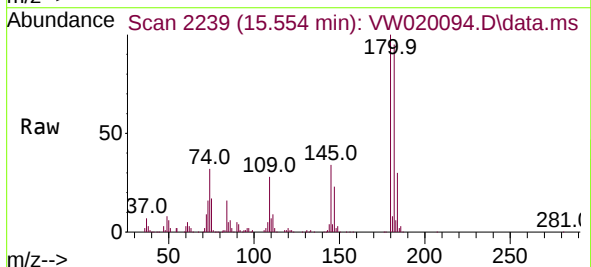
Instrument :  
MSVOA\_W  
ClientSampleId :  
GB6T0MSD



Tgt Ion:128 Resp: 332084  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.3 15.5  
129 10.6 8.6 12.8



#72  
1,2,3-Trichlorobenzene  
Concen: 24.601 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.006 min  
Lab File: VW020094.D  
Acq: 21 Sep 2021 15:53



Tgt Ion:180 Resp: 133474  
Ion Ratio Lower Upper  
180 100  
182 93.4 75.7 113.5  
145 33.8 28.2 42.4

