

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100621\  
 Data File : VW020309.D  
 Acq On : 06 Oct 2021 11:25  
 Operator : SY/VA  
 Sample : VSTDICV025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 07 01:44:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100621SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 06 15:11:38 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 234571   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 216232   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 105320   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 78680    | 24.337   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 97.360%  |
| 7) Chloroethane-d5            | 2.886  | 69    | 34390    | 24.550   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 98.200%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 156470   | 23.503   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 94.000%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 40072    | 48.794   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 97.580%  |
| 24) Chloroform-d              | 7.653  | 84    | 157603   | 23.399   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 93.600%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 87640    | 23.776   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 95.120%  |
| 32) Benzene-d6                | 8.275  | 84    | 313206   | 23.923   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 95.680%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 97497    | 23.478   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 93.920%  |
| 41) Toluene-d8                | 10.323 | 98    | 282470   | 23.821   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 95.280%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 39813    | 23.563   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 94.240%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 28412    | 49.502   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 99.000%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 68358    | 23.586   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 94.360%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 86453    | 23.442   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 93.760%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.008  | 85    | 31263    | 24.329   | ug/L   | 96       |
| 3) Chloromethane              | 2.209  | 50    | 74062    | 23.570   | ug/L   | 97       |
| 5) Vinyl chloride             | 2.361  | 62    | 101460   | 23.738   | ug/L   | 98       |
| 6) Bromomethane               | 2.776  | 94    | 36341    | 21.969   | ug/L   | 96       |
| 8) Chloroethane               | 2.916  | 64    | 30091    | 23.549   | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 3.257  | 101   | 51317    | 23.174   | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101   | 82595    | 23.926   | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 4.044  | 96    | 77491    | 23.741   | ug/L   | 97       |
| 13) Acetone                   | 4.135  | 43    | 40357    | 47.800   | ug/L   | 99       |
| 14) Carbon disulfide          | 4.385  | 76    | 256778   | 23.930   | ug/L   | 99       |
| 15) Methyl Acetate            | 4.678  | 43    | 37566    | 24.346   | ug/L   | 100      |
| 16) Methylene chloride        | 4.916  | 84    | 85286    | 20.361   | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 5.434  | 96    | 83088    | 24.316   | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 5.434  | 73    | 110367   | 24.981   | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 6.220  | 63    | 163496   | 24.058   | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 84910    | 24.300   | ug/L   | 98       |
| 22) 2-Butanone                | 7.177  | 43    | 51772    | 49.876   | ug/L   | 98       |
| 23) Bromochloromethane        | 7.519  | 128   | 35628    | 24.075   | ug/L   | 99       |
| 25) Chloroform                | 7.677  | 83    | 157102   | 24.172   | ug/L   | 100      |

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 Sample : VSTDICV025  
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 07 01:44:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100621SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 06 15:11:38 2021  
 Response via : Initial Calibration

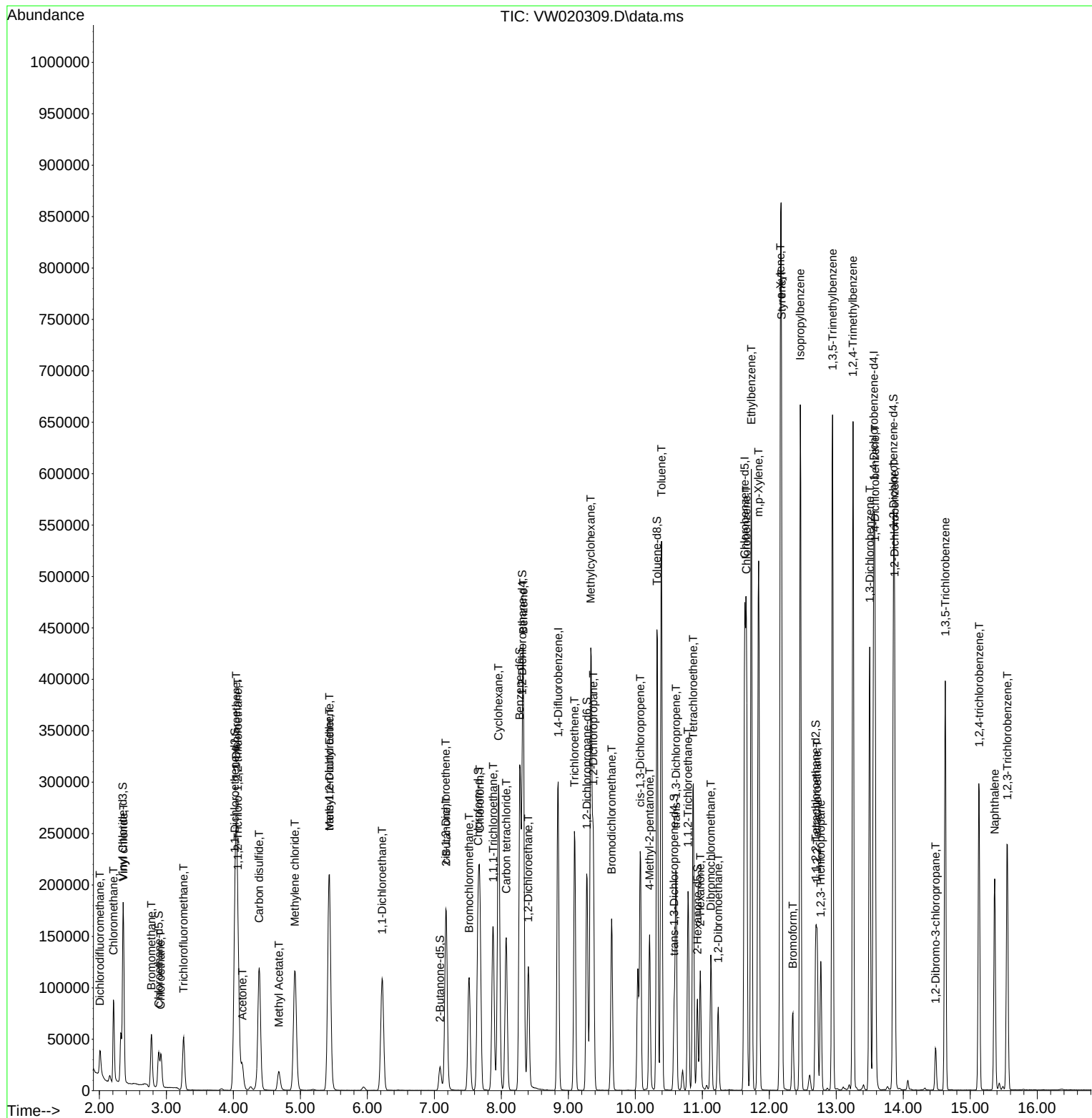
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 104823   | 24.144 | ug/L   | 100      |
| 29) Cyclohexane               | 7.958  | 56   | 162226   | 25.235 | ug/L   | 100      |
| 30) 1,1,1-Trichloroethane     | 7.878  | 97   | 127424   | 24.567 | ug/L   | 98       |
| 31) Carbon tetrachloride      | 8.074  | 117  | 110315   | 24.364 | ug/L   | 98       |
| 33) Benzene                   | 8.330  | 78   | 361547   | 24.043 | ug/L   | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 89153    | 24.101 | ug/L   | 97       |
| 35) Methylcyclohexane         | 9.336  | 83   | 161937   | 25.095 | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 91248    | 24.357 | ug/L   | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 110412   | 24.189 | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 130992   | 24.722 | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 102316   | 49.997 | ug/L   | 99       |
| 42) Toluene                   | 10.390 | 91   | 371006   | 24.531 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 10.610 | 75   | 113344   | 24.699 | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 10.787 | 97   | 57120    | 24.101 | ug/L   | 98       |
| 46) Tetrachloroethene         | 10.866 | 164  | 63993    | 23.504 | ug/L   | 93       |
| 48) 2-Hexanone                | 10.969 | 43   | 76274    | 51.091 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.128 | 129  | 64283    | 24.170 | ug/L   | 95       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 52327    | 24.011 | ug/L # | 99       |
| 51) Chlorobenzene             | 11.658 | 112  | 218982   | 23.873 | ug/L   | 99       |
| 52) Ethylbenzene              | 11.731 | 91   | 407626   | 24.689 | ug/L   | 99       |
| 53) m,p-Xylene                | 11.841 | 106  | 153351   | 25.142 | ug/L   | 95       |
| 54) o-Xylene                  | 12.164 | 106  | 142313   | 24.915 | ug/L   | 96       |
| 55) Styrene                   | 12.183 | 104  | 248563   | 25.285 | ug/L   | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 68002    | 24.134 | ug/L   | 98       |
| 59) Bromoform                 | 12.353 | 173  | 32460    | 23.067 | ug/L   | 95       |
| 60) Isopropylbenzene          | 12.463 | 105  | 398826   | 25.508 | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 50904    | 24.384 | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 333042   | 26.327 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 329324   | 26.049 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 156972   | 23.867 | ug/L   | 90       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 161160   | 24.275 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 142815   | 24.355 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 10844    | 24.475 | ug/L   | 93       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 114285   | 24.462 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 86873    | 23.841 | ug/L   | 99       |
| 71) Naphthalene               | 15.365 | 128  | 161667   | 25.470 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 77939    | 24.487 | ug/L   | 99       |

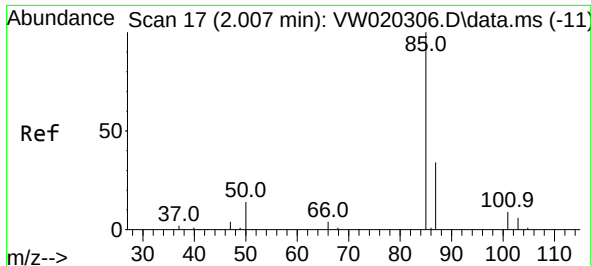
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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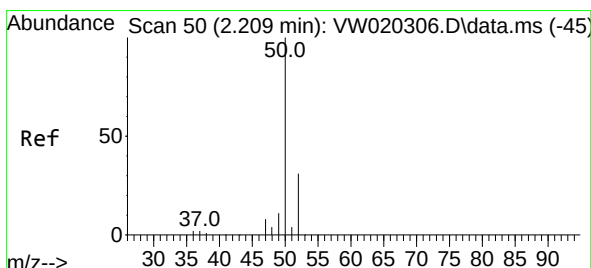
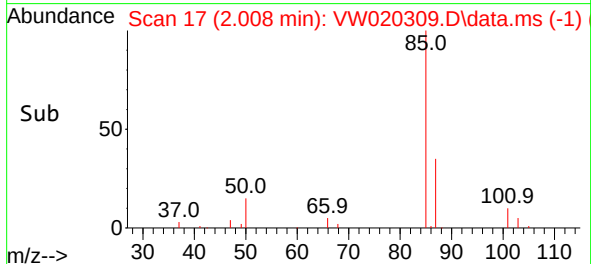
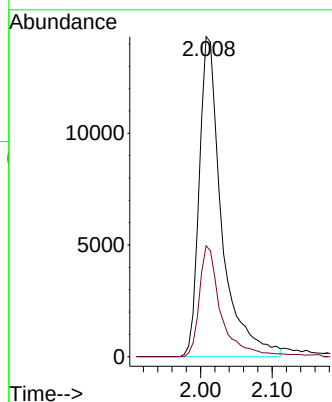
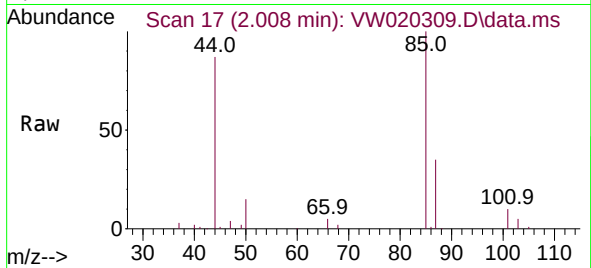




#2  
Dichlorodifluoromethane  
Concen: 24.329 ug/L  
RT: 2.008 min Scan# 17  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

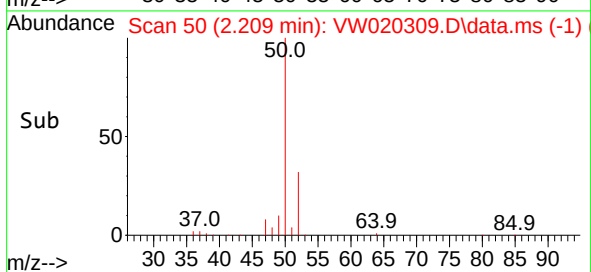
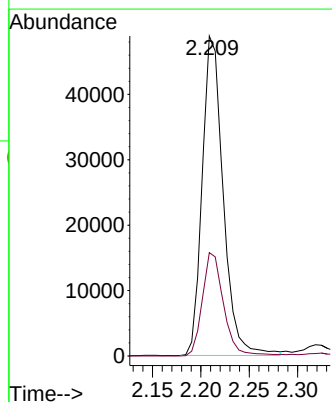
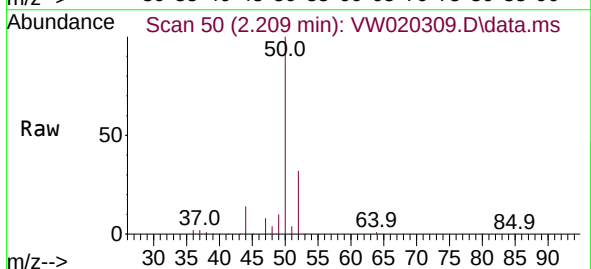
Instrument :  
MSVOA\_W  
ClientSampled :

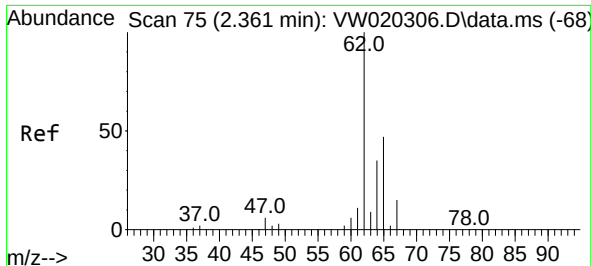
Tgt Ion: 85 Resp: 31263  
Ion Ratio Lower Upper  
85 100  
87 33.5 24.9 37.3



#3  
Chloromethane  
Concen: 23.570 ug/L  
RT: 2.209 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion: 50 Resp: 74062  
Ion Ratio Lower Upper  
50 100  
52 32.3 21.5 39.9

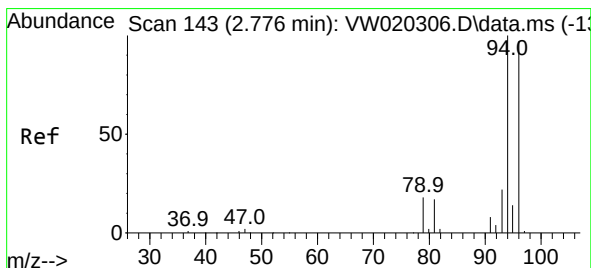
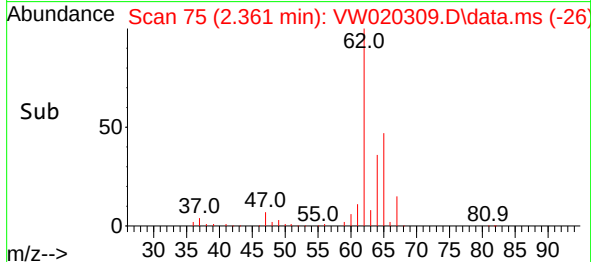
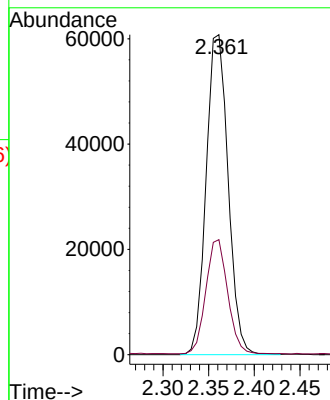
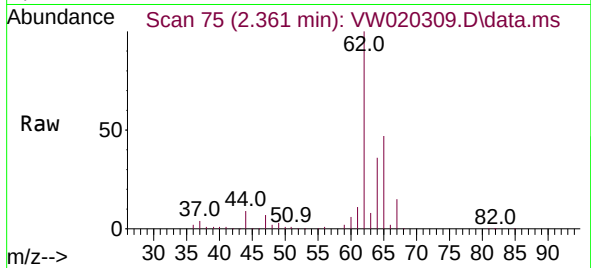




#5  
 Vinyl chloride  
 Concen: 23.738 ug/L  
 RT: 2.361 min Scan# 75  
 Delta R.T. 0.000 min  
 Lab File: VW020309.D  
 Acq: 06 Oct 2021 11:25

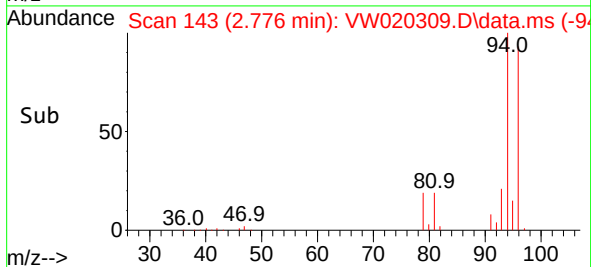
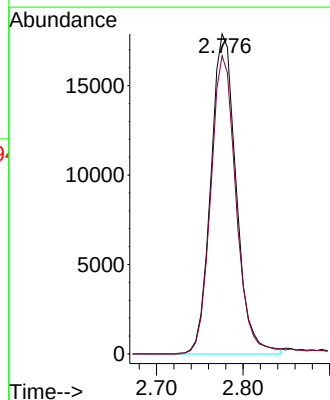
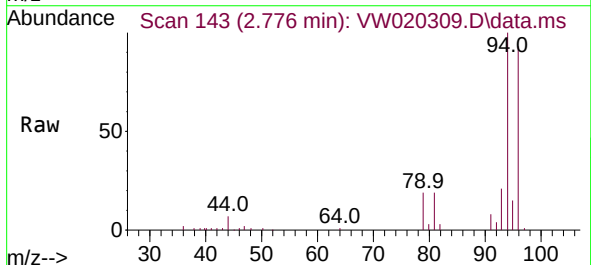
Instrument :  
 MSVOA\_W  
 ClientSampled :

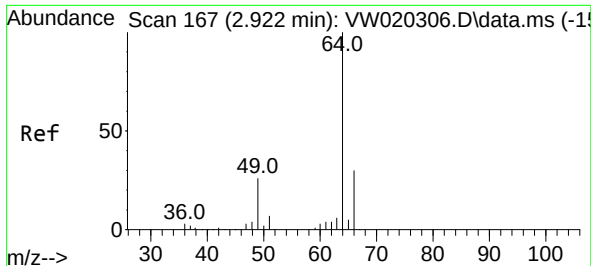
Tgt Ion: 62 Resp: 101460  
 Ion Ratio Lower Upper  
 62 100  
 64 36.0 24.6 45.6



#6  
 Bromomethane  
 Concen: 21.969 ug/L  
 RT: 2.776 min Scan# 143  
 Delta R.T. 0.000 min  
 Lab File: VW020309.D  
 Acq: 06 Oct 2021 11:25

Tgt Ion: 94 Resp: 36341  
 Ion Ratio Lower Upper  
 94 100  
 96 93.2 67.8 126.0





#8

Chloroethane

Concen: 23.549 ug/L

RT: 2.916 min Scan# 166

Delta R.T. -0.006 min

Lab File: VW020309.D

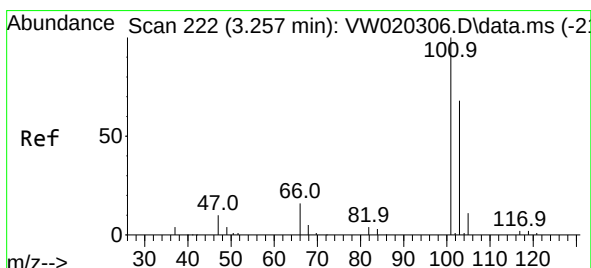
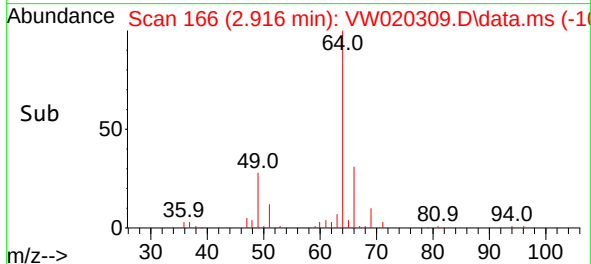
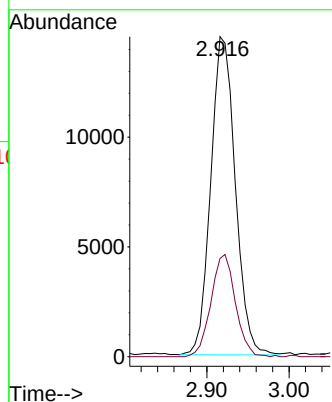
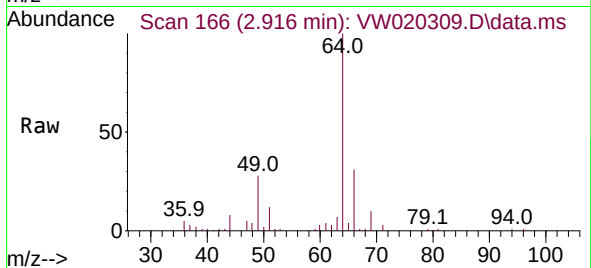
Acq: 06 Oct 2021 11:25

Tgt Ion: 64 Resp: 30091

Ion Ratio Lower Upper

64 100

66 30.7 21.2 39.4



#9

Trichlorofluoromethane

Concen: 23.174 ug/L

RT: 3.257 min Scan# 222

Delta R.T. 0.000 min

Lab File: VW020309.D

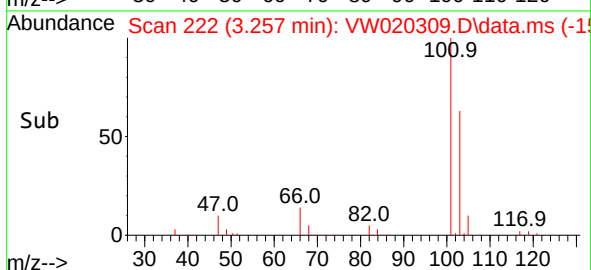
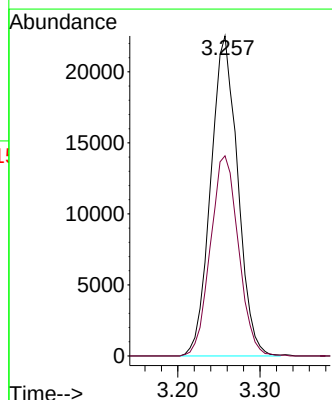
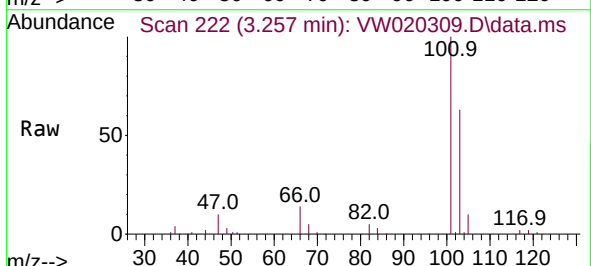
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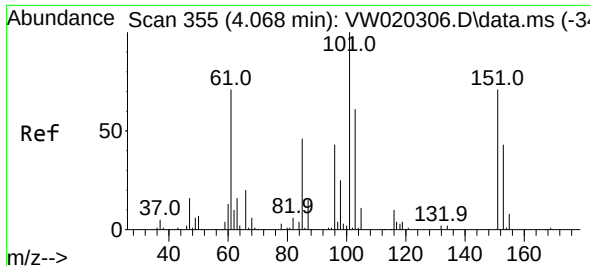
Tgt Ion: 101 Resp: 51317

Ion Ratio Lower Upper

101 100

103 64.9 52.2 78.4

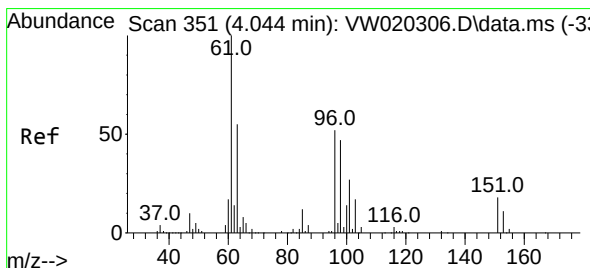
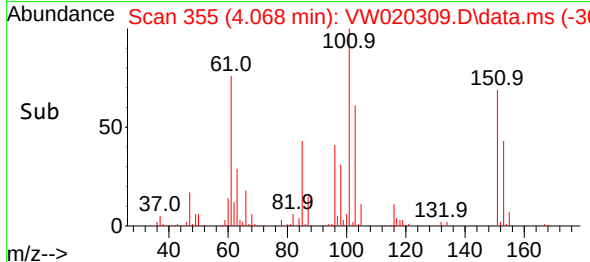
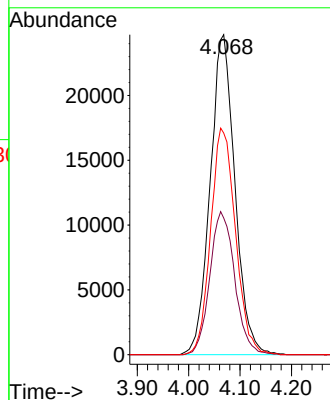
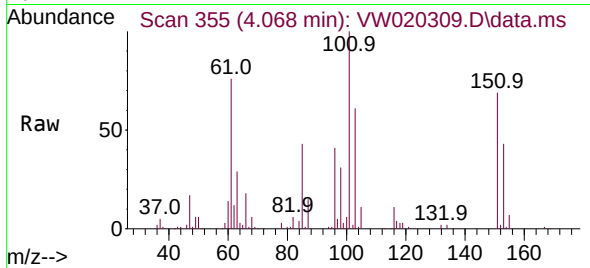




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 23.926 ug/L  
 RT: 4.068 min Scan# 355  
 Delta R.T. 0.000 min  
 Lab File: VW020309.D  
 Acq: 06 Oct 2021 11:25

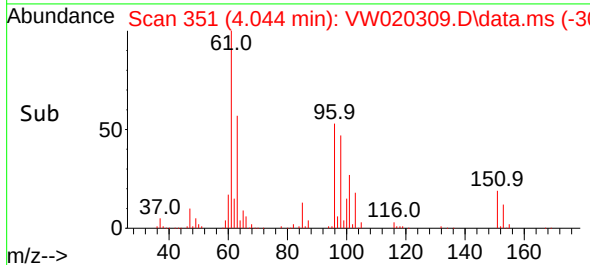
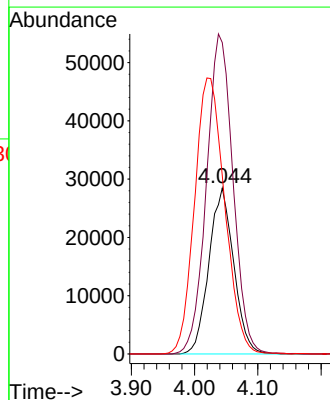
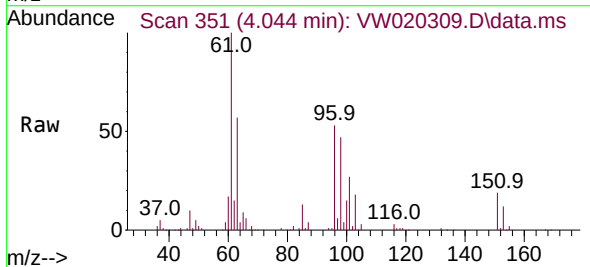
Instrument :  
 MSVOA\_W  
 ClientSampled :

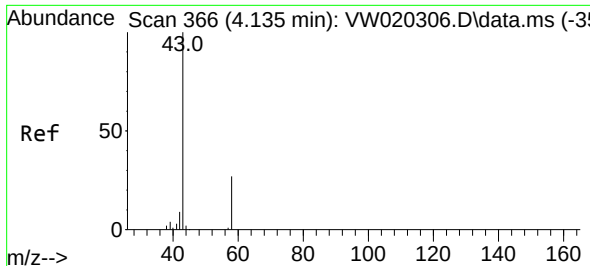
Tgt Ion:101 Resp: 82595  
 Ion Ratio Lower Upper  
 101 100  
 85 45.0 36.3 54.5  
 151 71.1 56.5 84.7



#12  
 1,1-Dichloroethene  
 Concen: 23.741 ug/L  
 RT: 4.044 min Scan# 351  
 Delta R.T. 0.000 min  
 Lab File: VW020309.D  
 Acq: 06 Oct 2021 11:25

Tgt Ion: 96 Resp: 77491  
 Ion Ratio Lower Upper  
 96 100  
 61 187.8 133.9 248.7  
 63 107.6 77.3 143.7

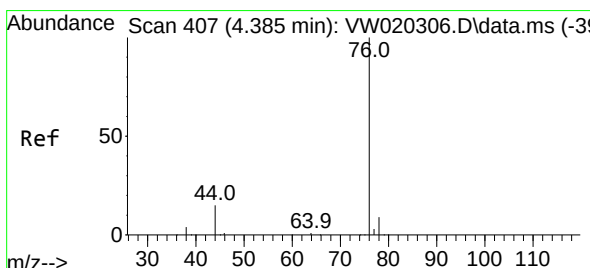
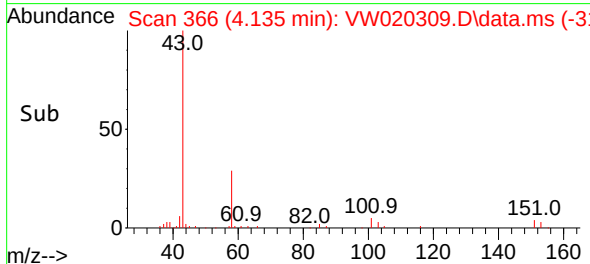
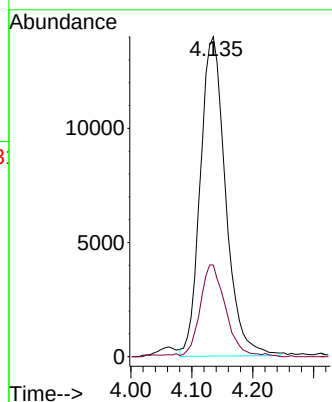
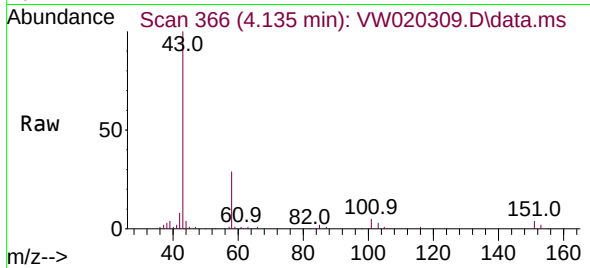




#13  
Acetone  
Concen: 47.800 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

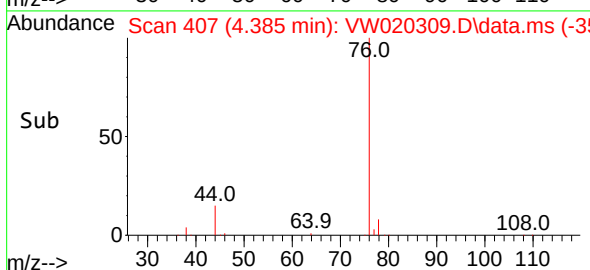
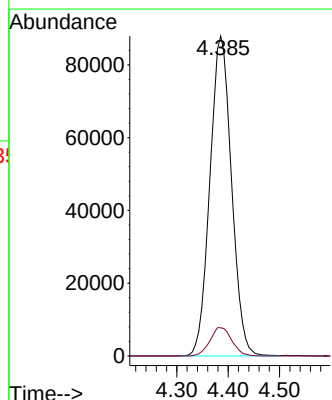
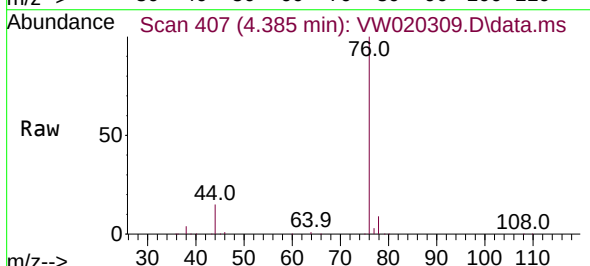
Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 43 Resp: 40357  
Ion Ratio Lower Upper  
43 100  
58 28.8 0.0 58.4

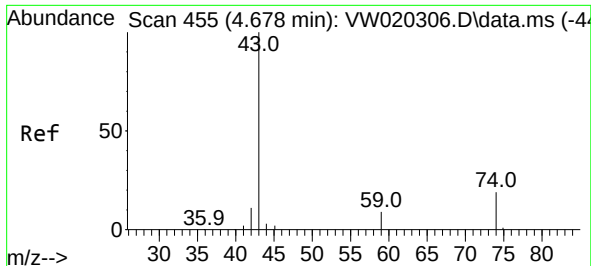


#14  
Carbon disulfide  
Concen: 23.930 ug/L  
RT: 4.385 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion: 76 Resp: 256778  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.4 11.2



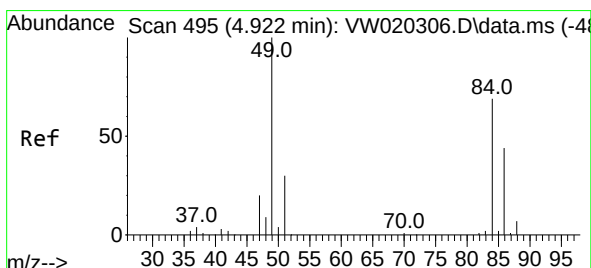
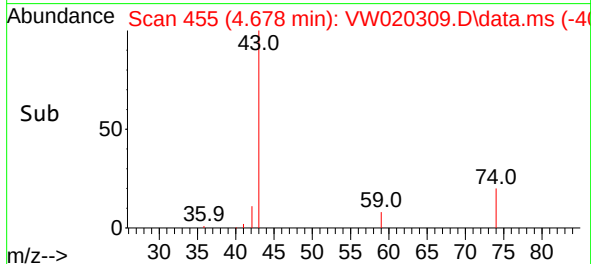
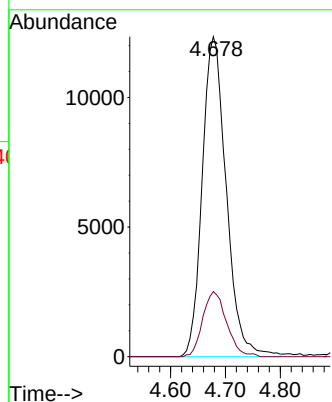
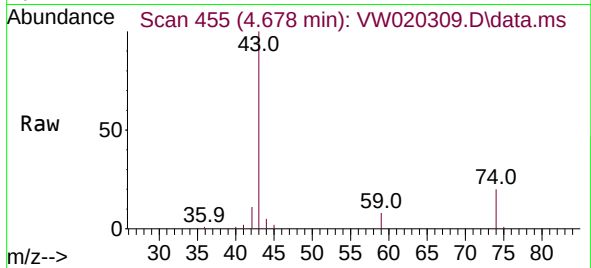




#15  
Methyl Acetate  
Concen: 24.346 ug/L  
RT: 4.678 min Scan# 455  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

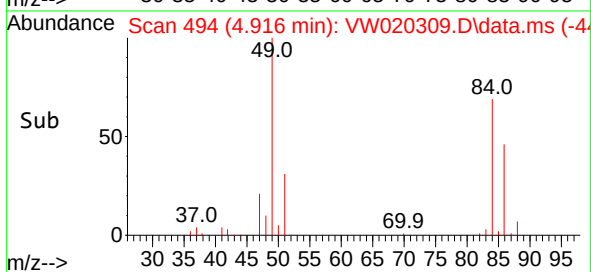
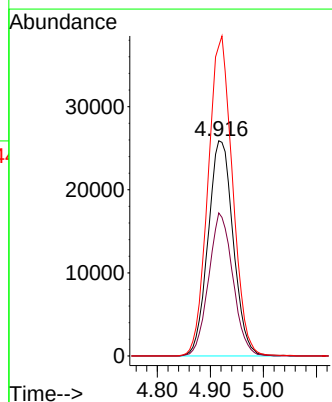
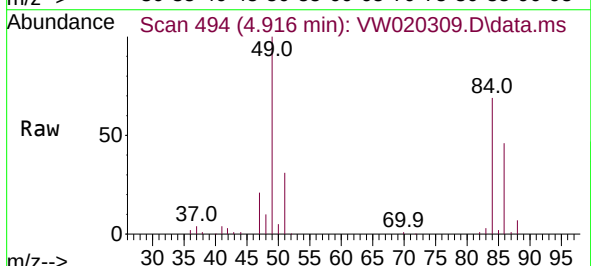
Instrument :  
MSVOA\_W  
ClientSampled :

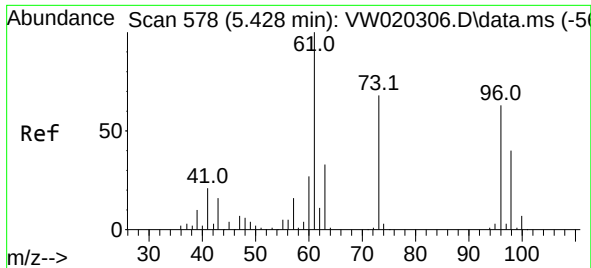
Tgt Ion: 43 Resp: 37566  
Ion Ratio Lower Upper  
43 100  
74 20.0 16.1 24.1



#16  
Methylene chloride  
Concen: 20.361 ug/L  
RT: 4.916 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion: 84 Resp: 85286  
Ion Ratio Lower Upper  
84 100  
86 66.5 44.7 83.1  
49 143.9 101.7 188.9

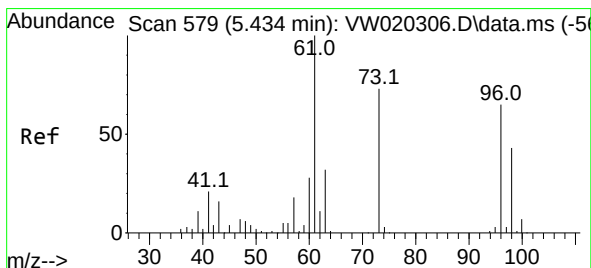
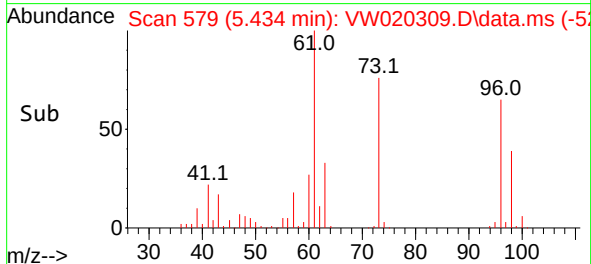
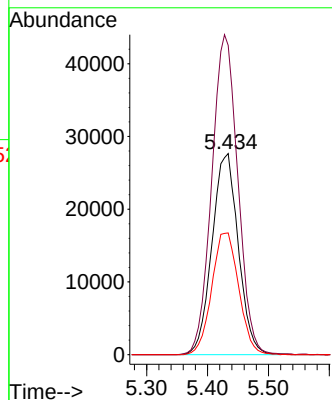
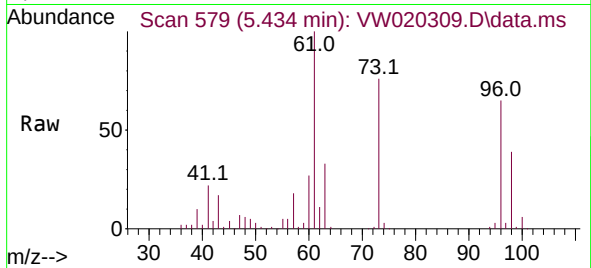




#17  
trans-1,2-Dichloroethene  
Concen: 24.316 ug/L  
RT: 5.434 min Scan# 579  
Delta R.T. 0.006 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

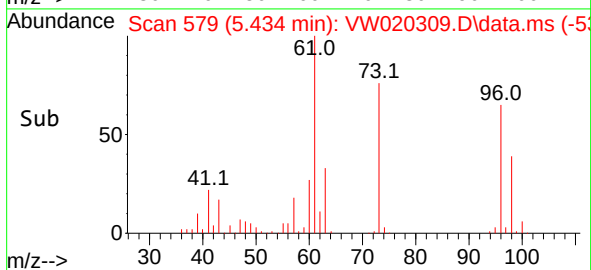
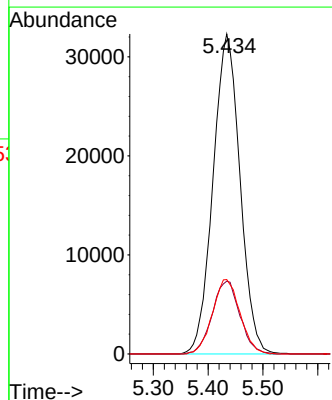
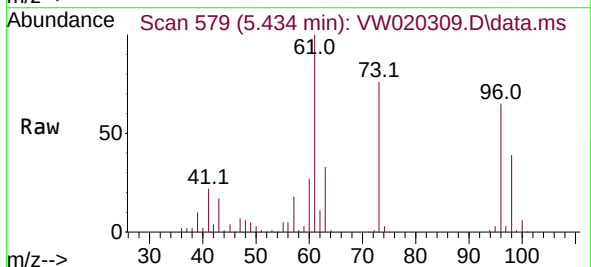
Instrument :  
MSVOA\_W  
ClientSampled :

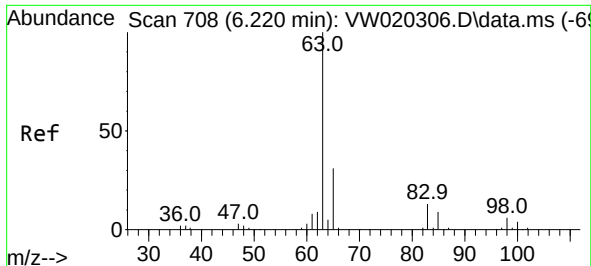
Tgt Ion: 96 Resp: 83088  
Ion Ratio Lower Upper  
96 100  
61 153.8 110.7 205.5  
98 60.6 43.9 81.5



#18  
Methyl tert-butyl Ether  
Concen: 24.981 ug/L  
RT: 5.434 min Scan# 579  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion: 73 Resp: 110367  
Ion Ratio Lower Upper  
73 100  
43 23.4 18.9 28.3  
57 23.7 18.9 28.3





#19

1,1-Dichloroethane

Concen: 24.058 ug/L

RT: 6.220 min Scan# 708

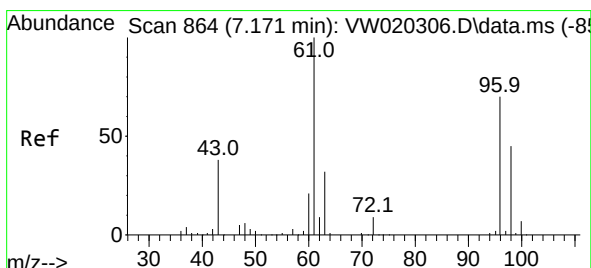
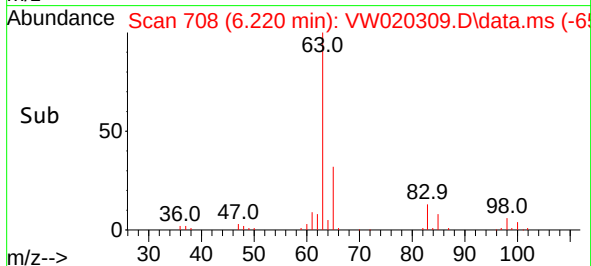
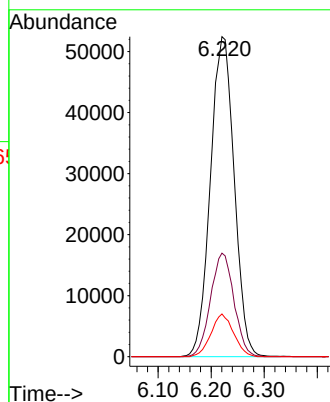
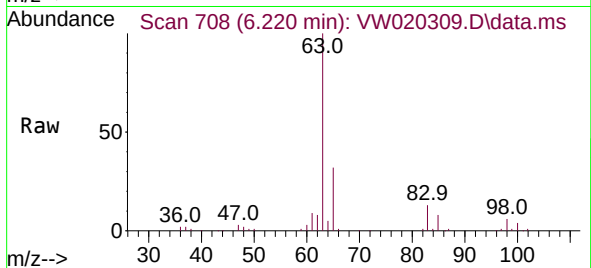
Delta R.T. 0.000 min

Lab File: VW020309.D

Acq: 06 Oct 2021 11:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 63    | Resp: | 163496 |
| Ion      | Ratio | Lower | Upper  |
| 63       | 100   |       |        |
| 65       | 32.4  | 21.9  | 40.7   |
| 83       | 13.3  | 9.0   | 16.6   |

Instrument :  
MSVOA\_W  
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 24.300 ug/L

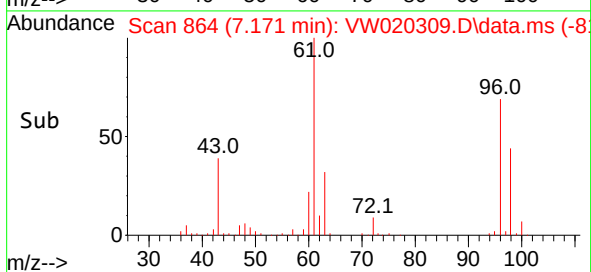
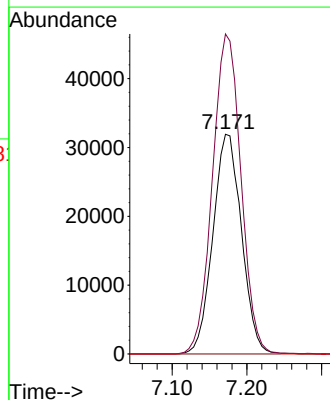
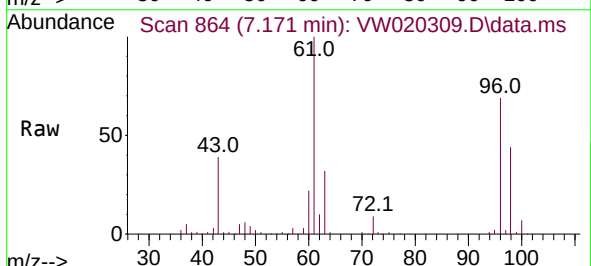
RT: 7.171 min Scan# 864

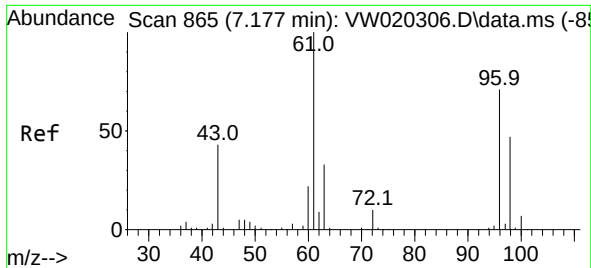
Delta R.T. 0.000 min

Lab File: VW020309.D

Acq: 06 Oct 2021 11:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 84910 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 145.6 | 100.3 | 186.3 |
| 68       | 0.0   | 0.0   | 0.0   |

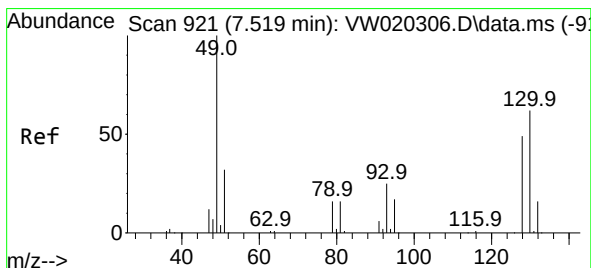
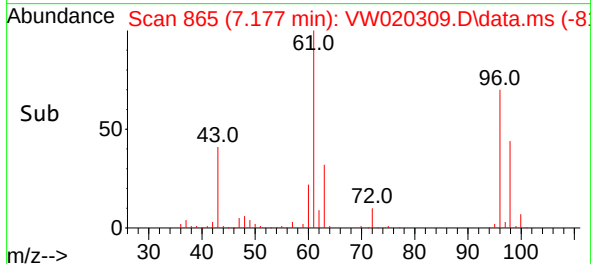
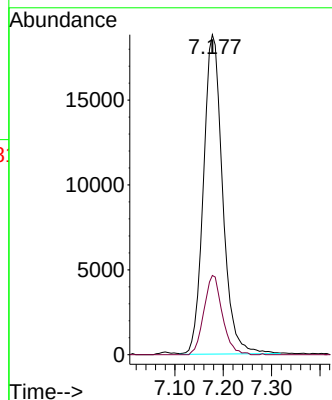
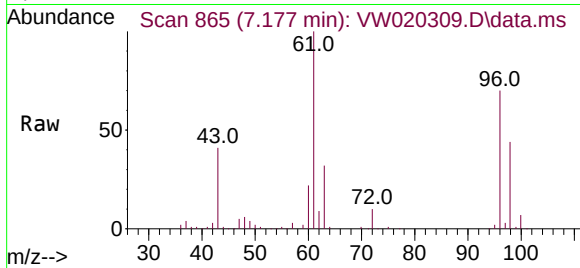




#22  
2-Butanone  
Concen: 49.876 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

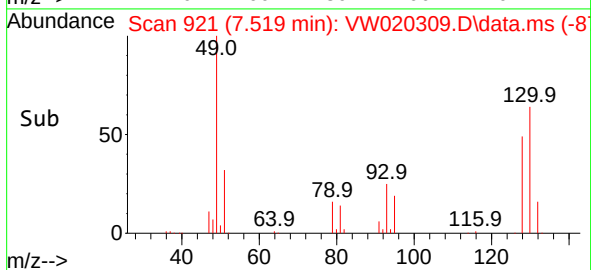
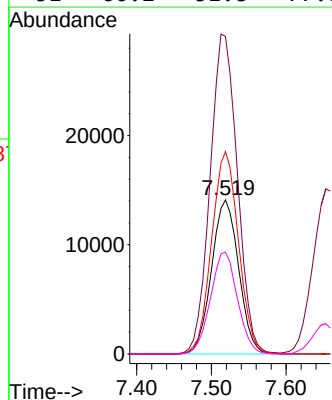
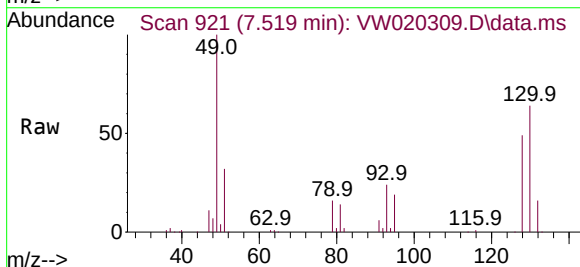
Instrument :  
MSVOA\_W  
ClientSampled :

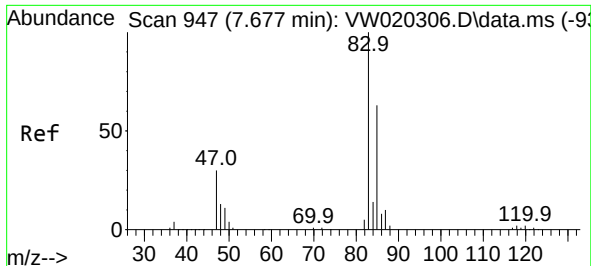
Tgt Ion: 43 Resp: 51772  
Ion Ratio Lower Upper  
43 100  
72 23.6 12.2 36.6



#23  
Bromochloromethane  
Concen: 24.075 ug/L  
RT: 7.519 min Scan# 921  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion: 128 Resp: 35628  
Ion Ratio Lower Upper  
128 100  
49 206.1 144.1 267.7  
130 131.4 89.2 165.6  
51 66.2 51.8 77.8

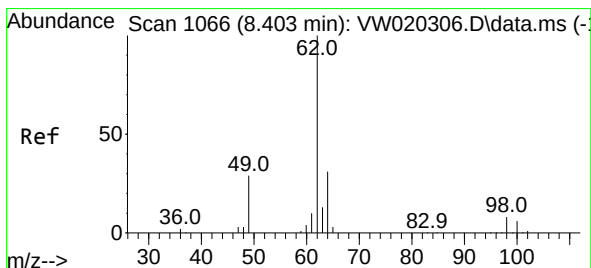
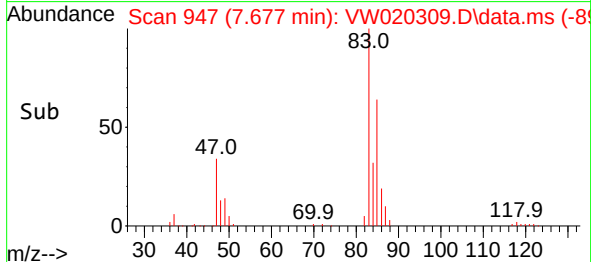
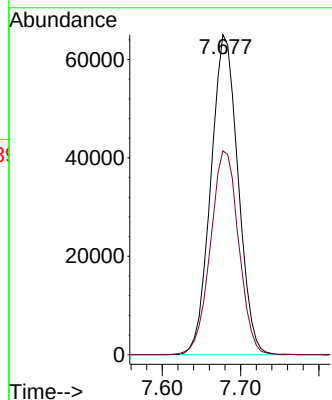
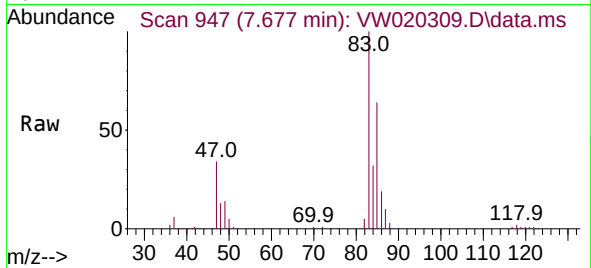




#25  
Chloroform  
Concen: 24.172 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

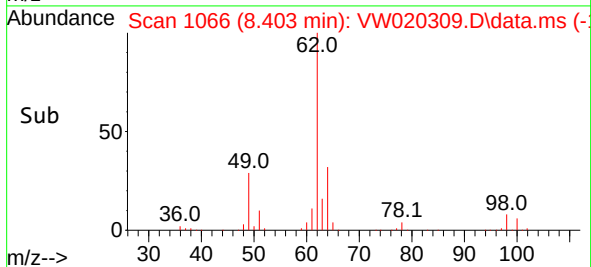
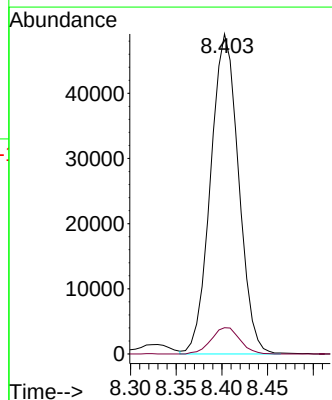
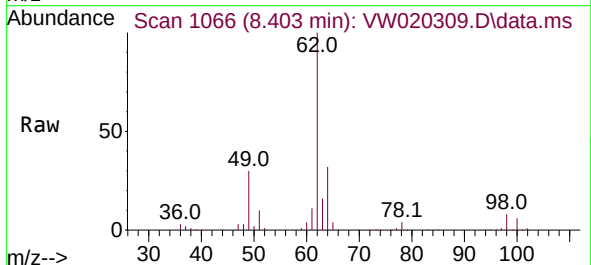
Instrument :  
MSVOA\_W  
ClientSampled :

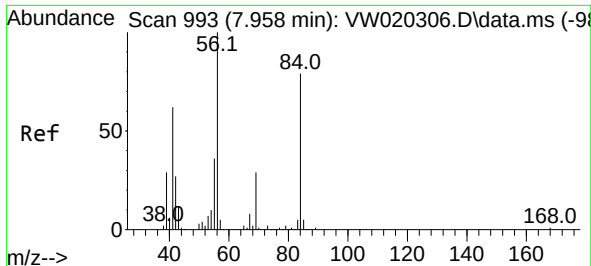
Tgt Ion: 83 Resp: 157102  
Ion Ratio Lower Upper  
83 100  
85 63.7 44.6 82.8



#27  
1,2-Dichloroethane  
Concen: 24.144 ug/L  
RT: 8.403 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion: 62 Resp: 104823  
Ion Ratio Lower Upper  
62 100  
98 8.2 6.6 10.0

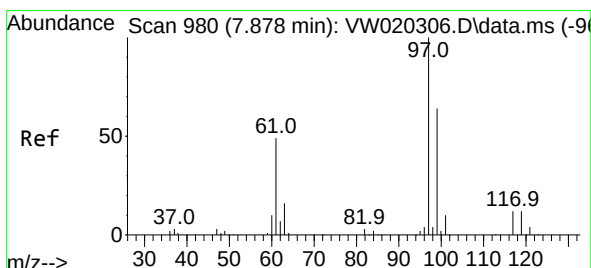
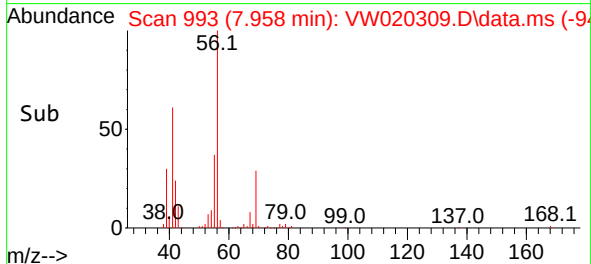
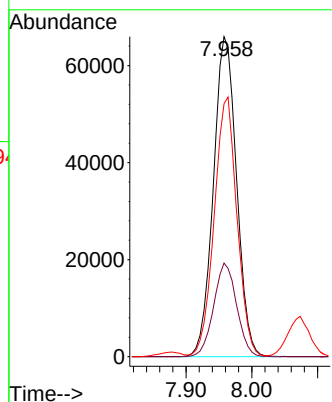
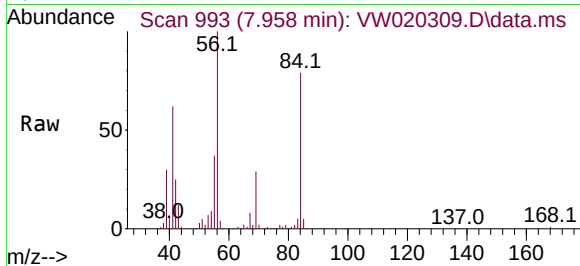




#29  
Cyclohexane  
Concen: 25.235 ug/L  
RT: 7.958 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

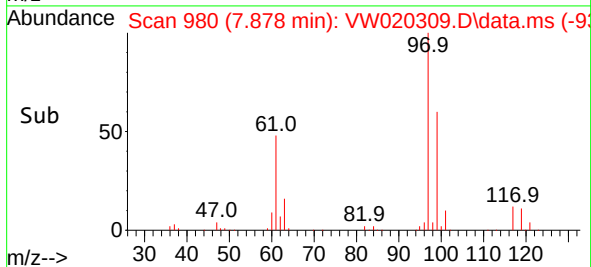
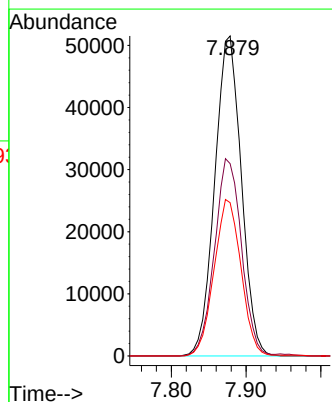
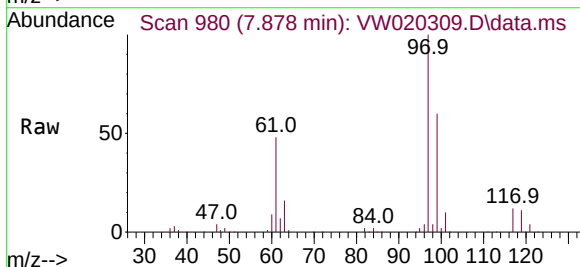
Instrument :  
MSVOA\_W  
ClientSampled :

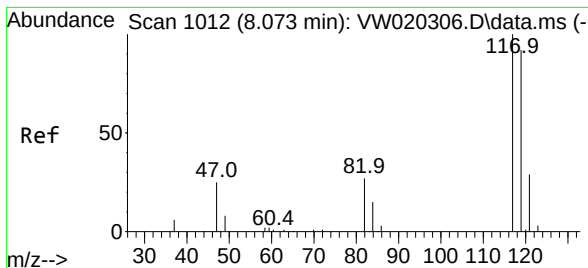
Tgt Ion: 56 Resp: 162226  
Ion Ratio Lower Upper  
56 100  
69 28.9 23.2 34.8  
84 79.6 63.7 95.5



#30  
1,1,1-Trichloroethane  
Concen: 24.567 ug/L  
RT: 7.878 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion: 97 Resp: 127424  
Ion Ratio Lower Upper  
97 100  
99 62.6 51.4 77.0  
61 49.5 41.0 61.6

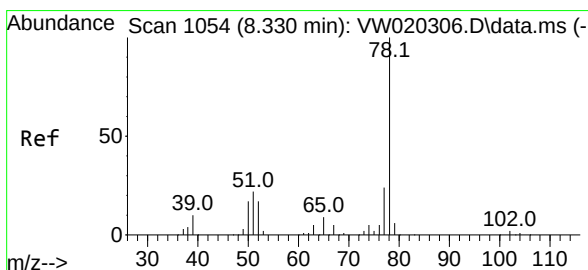
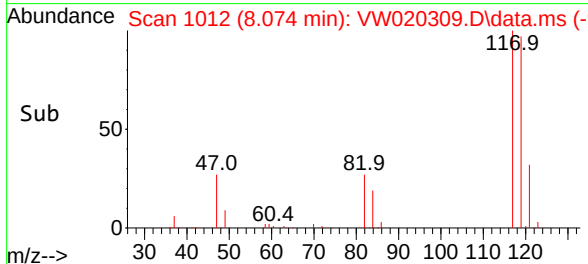
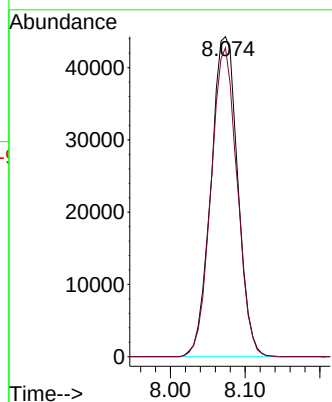
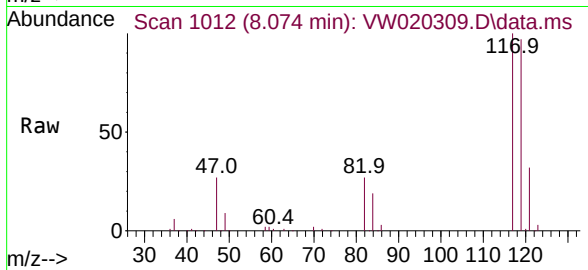




#31  
Carbon tetrachloride  
Concen: 24.364 ug/L  
RT: 8.074 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

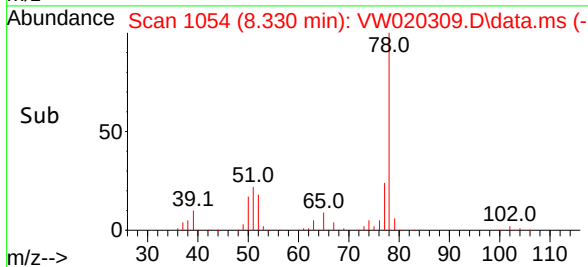
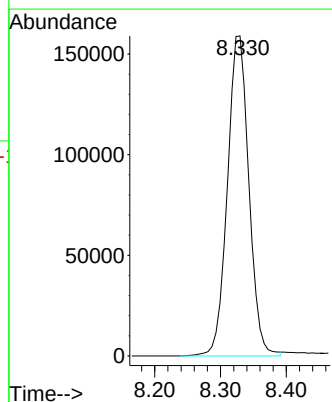
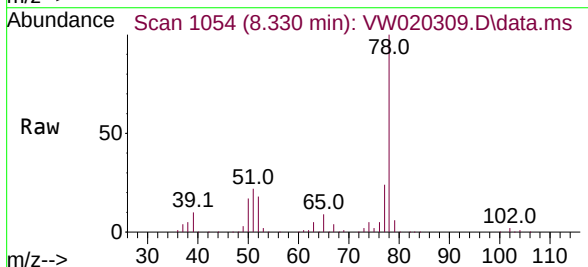
Instrument :  
MSVOA\_W  
ClientSampled :

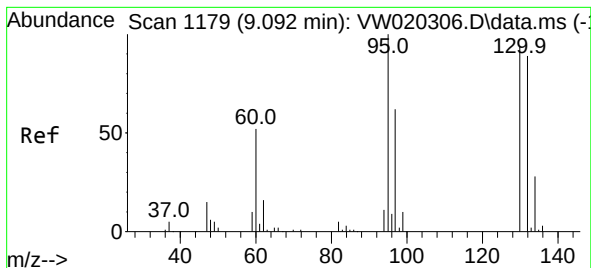
Tgt Ion:117 Resp: 110315  
Ion Ratio Lower Upper  
117 100  
119 94.1 77.0 115.4



#33  
Benzene  
Concen: 24.043 ug/L  
RT: 8.330 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion: 78 Resp: 361547

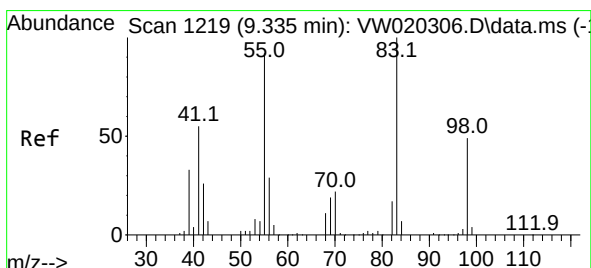
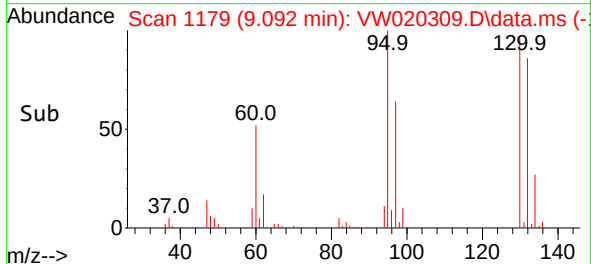
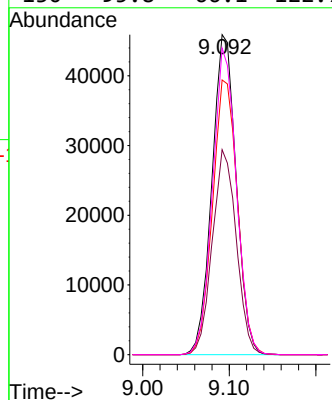
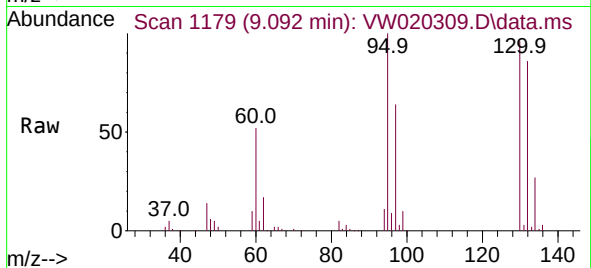




#34  
Trichloroethene  
Concen: 24.101 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

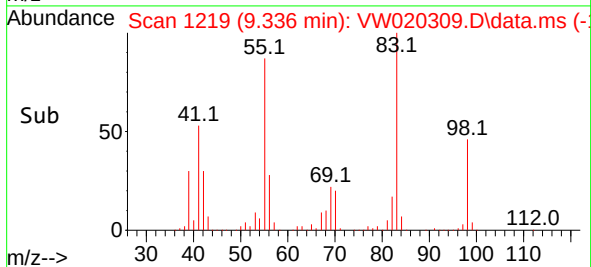
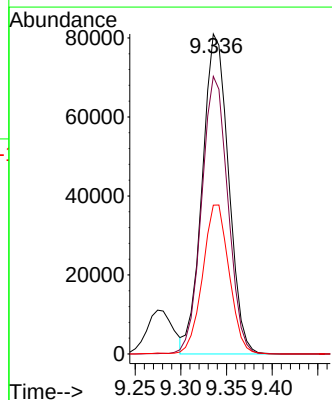
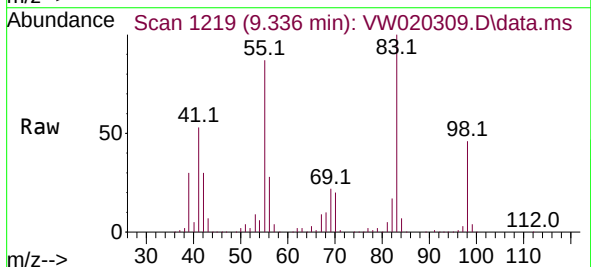
Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 95 Resp: 89153  
Ion Ratio Lower Upper  
95 100  
97 64.0 43.2 80.2  
132 85.9 62.3 115.7  
130 95.8 66.1 122.7

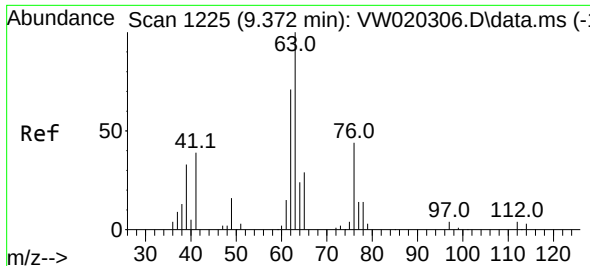


#35  
Methylcyclohexane  
Concen: 25.095 ug/L  
RT: 9.336 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion: 83 Resp: 161937  
Ion Ratio Lower Upper  
83 100  
55 86.4 69.7 104.5  
98 46.9 38.2 57.2







#37

1,2-Dichloropropane

Concen: 24.357 ug/L

RT: 9.372 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VW020309.D

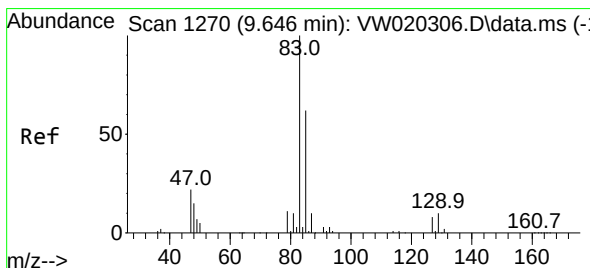
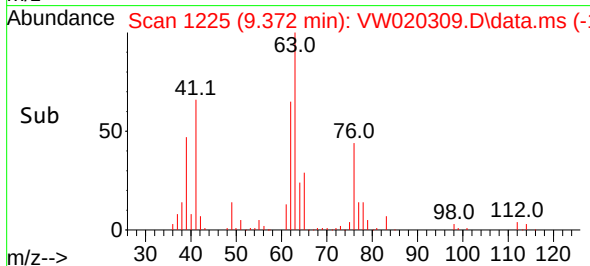
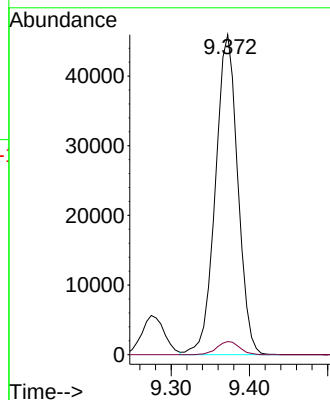
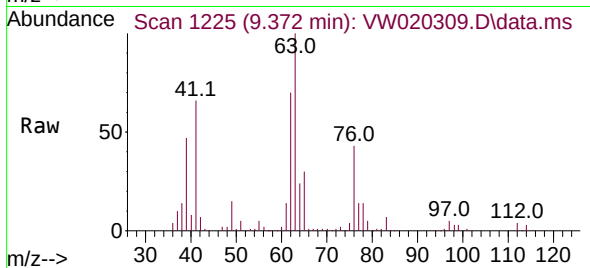
Acq: 06 Oct 2021 11:25

Tgt Ion: 63 Resp: 91248

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 24.189 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020309.D

Acq: 06 Oct 2021 11:25

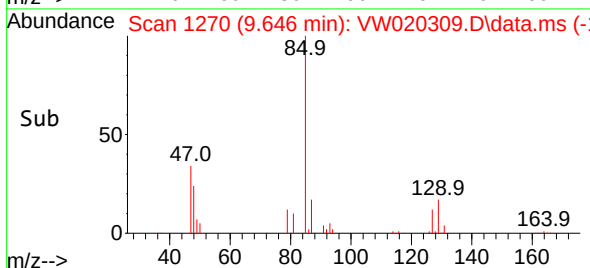
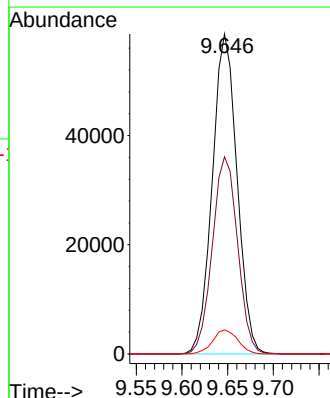
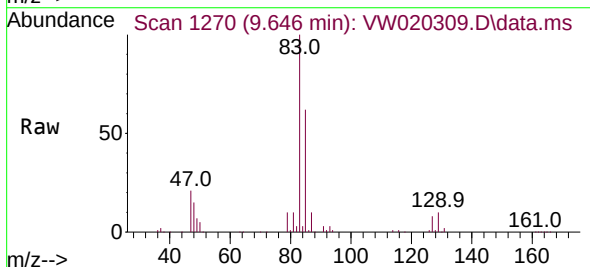
Tgt Ion: 83 Resp: 110412

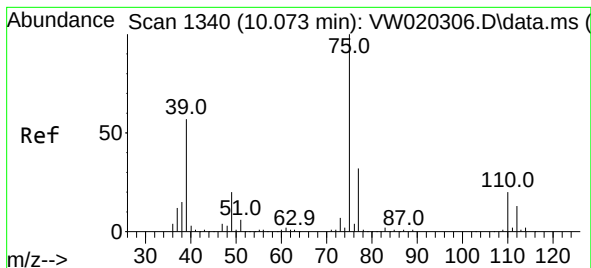
Ion Ratio Lower Upper

83 100

85 61.6 43.4 80.6

127 7.5 6.2 9.2

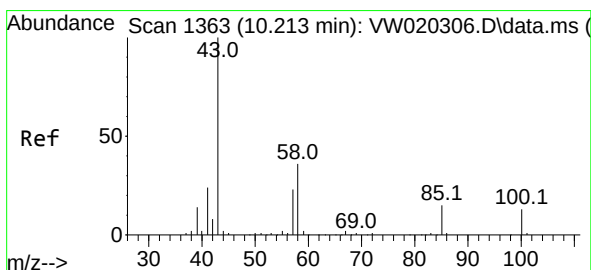
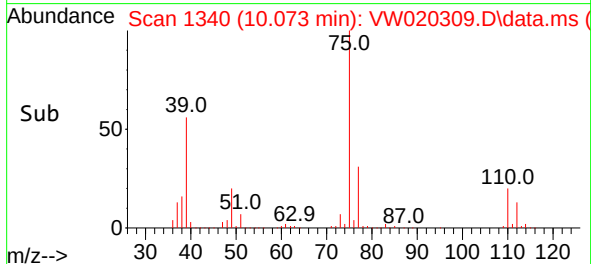
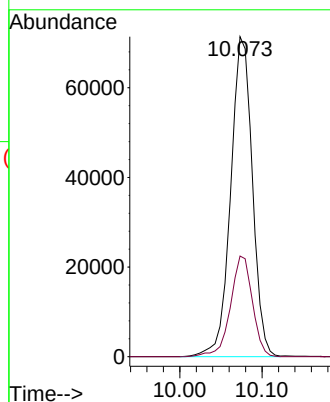
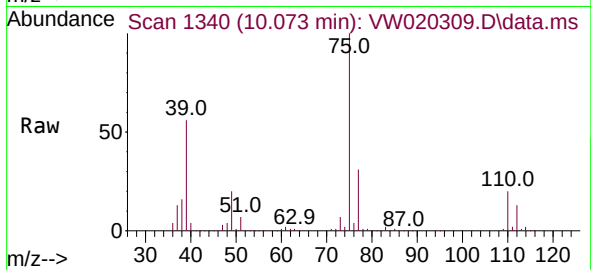




#39  
cis-1,3-Dichloropropene  
Concen: 24.722 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

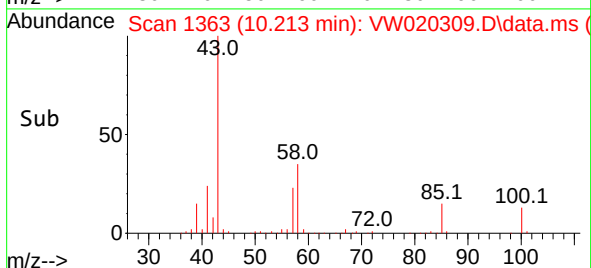
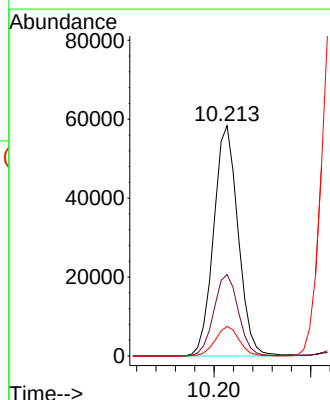
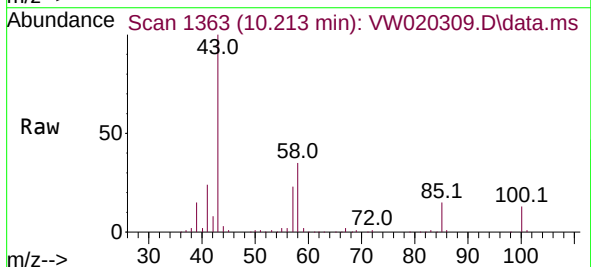
Instrument :  
MSVOA\_W  
ClientSampled :

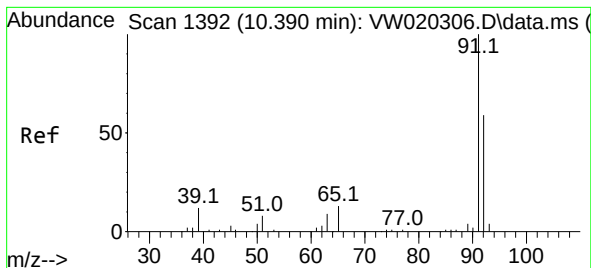
Tgt Ion: 75 Resp: 130992  
Ion Ratio Lower Upper  
75 100  
77 31.5 22.4 41.6



#40  
4-Methyl-2-pentanone  
Concen: 49.997 ug/L  
RT: 10.213 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion: 43 Resp: 102316  
Ion Ratio Lower Upper  
43 100  
58 35.9 29.0 43.4  
100 12.6 10.2 15.4





#42

Toluene

Concen: 24.531 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW020309.D

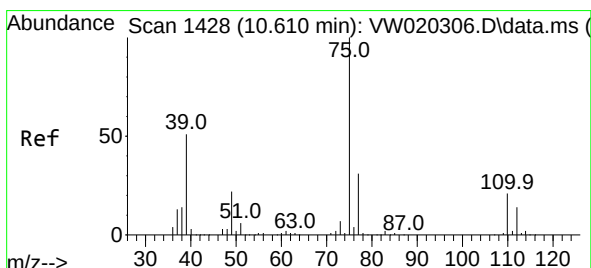
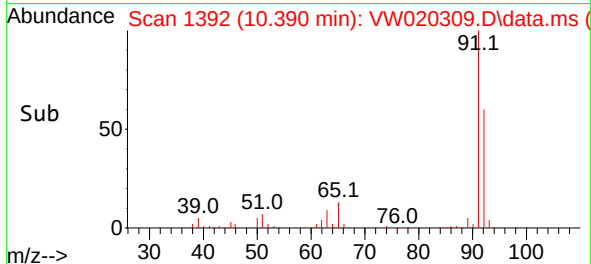
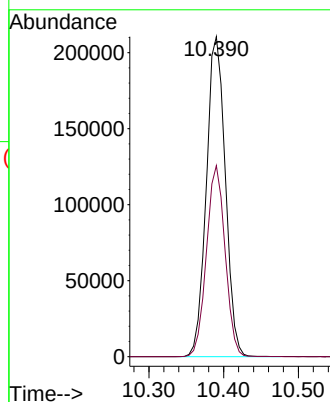
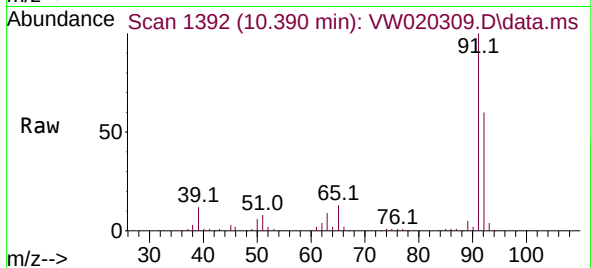
Acq: 06 Oct 2021 11:25

Tgt Ion: 91 Resp: 371006

Ion Ratio Lower Upper

91 100

92 59.7 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 24.699 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.000 min

Lab File: VW020309.D

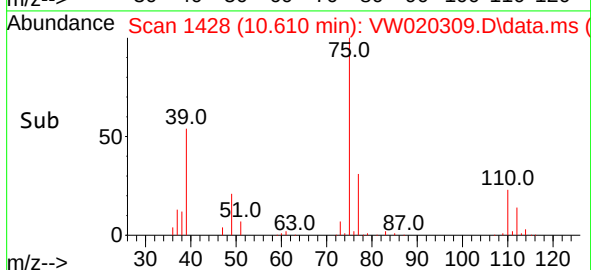
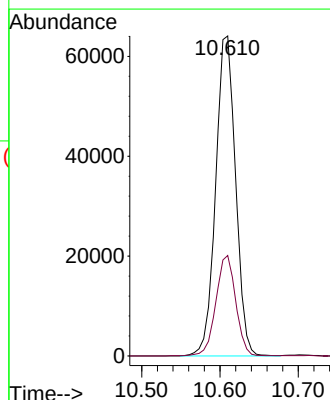
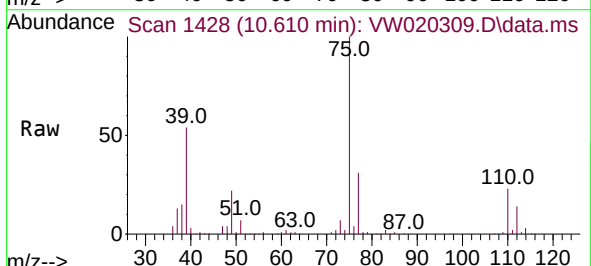
Acq: 06 Oct 2021 11:25

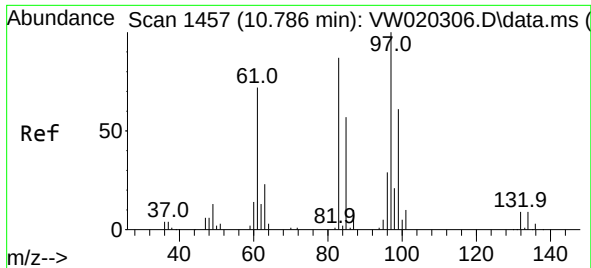
Tgt Ion: 75 Resp: 113344

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4

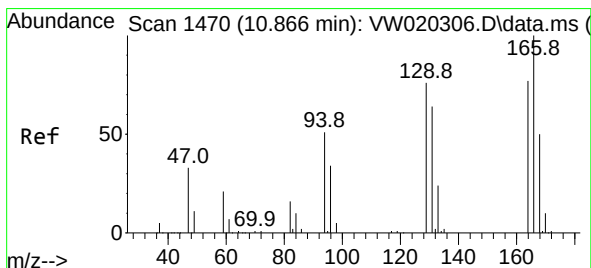
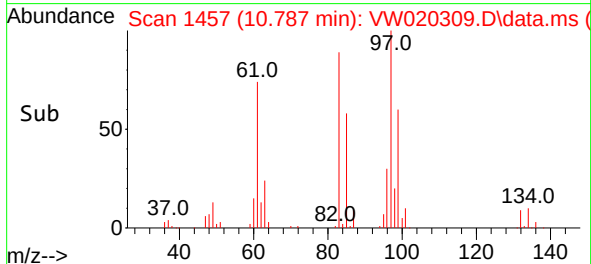
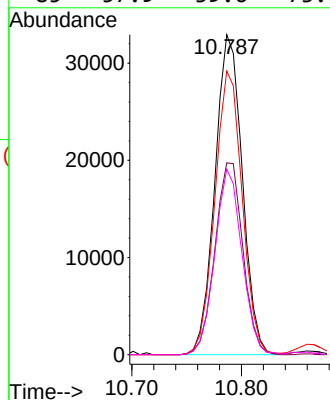
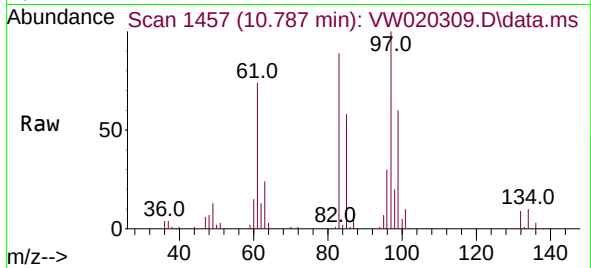




#45  
1,1,2-Trichloroethane  
Concen: 24.101 ug/L  
RT: 10.787 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

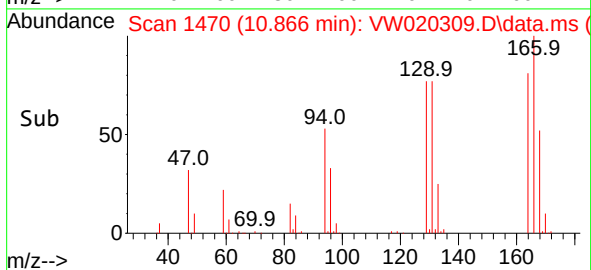
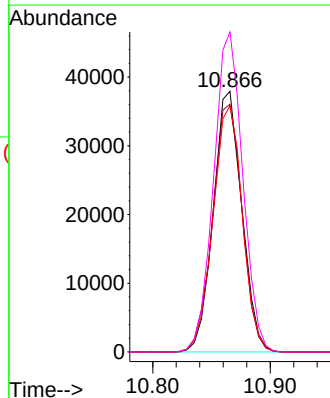
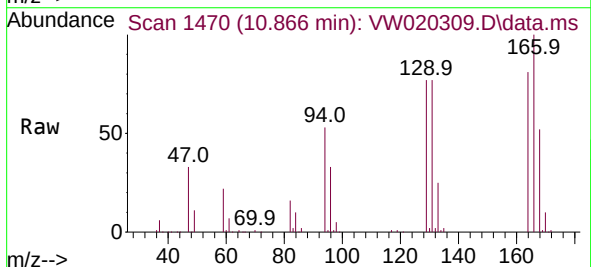
Instrument :  
MSVOA\_W  
ClientSampled :

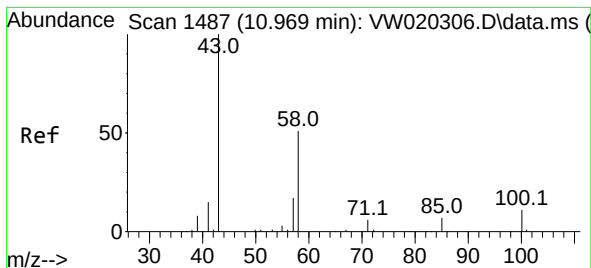
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 57120 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 60.0  | 42.8  | 79.4  |
| 83       | 88.6  | 60.9  | 113.1 |
| 85       | 57.9  | 39.6  | 73.6  |



#46  
Tetrachloroethene  
Concen: 23.504 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 63993 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 95.0  | 69.1  | 128.3 |
| 131      | 94.4  | 58.3  | 108.3 |
| 166      | 122.8 | 90.4  | 168.0 |

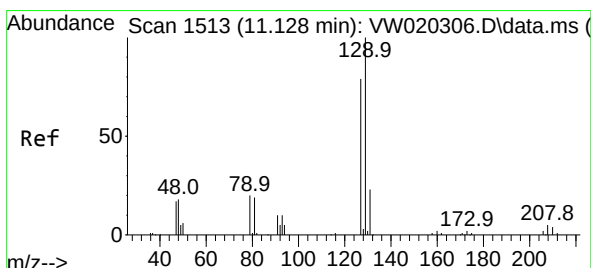
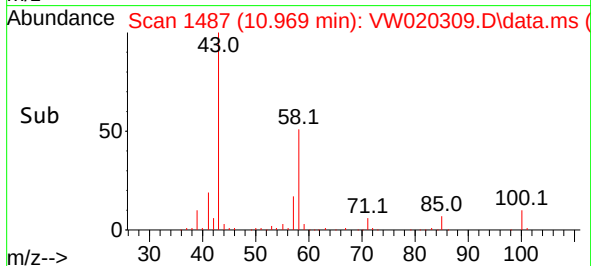
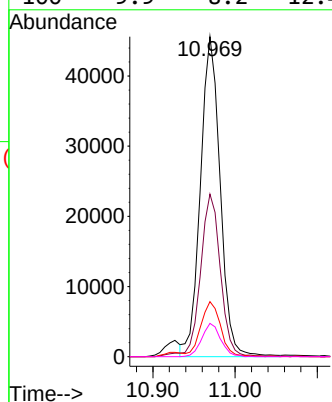
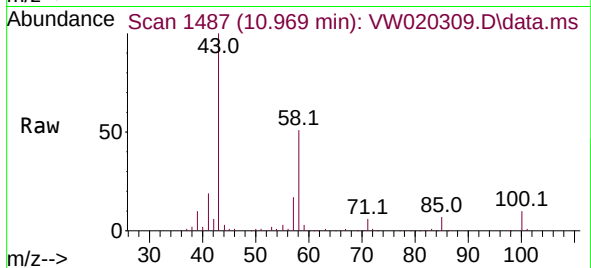




#48  
2-Hexanone  
Concen: 51.091 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

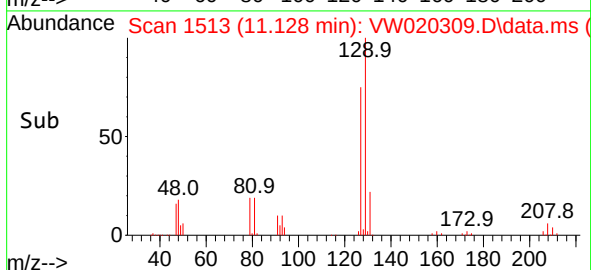
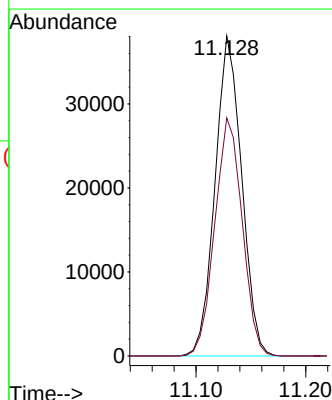
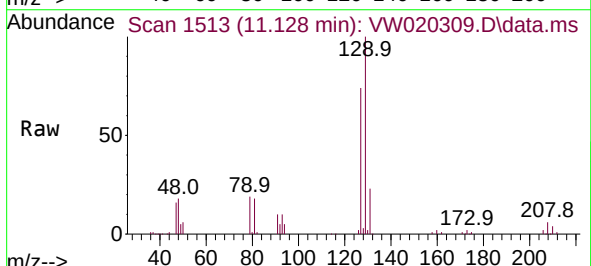
Instrument :  
MSVOA\_W  
ClientSampled :

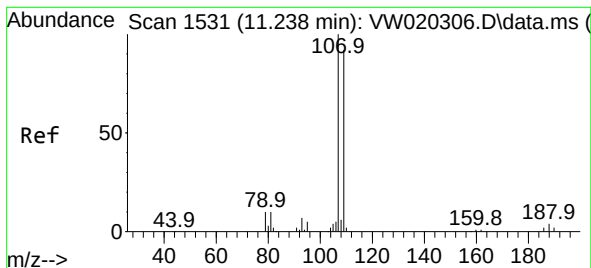
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 76274 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 49.7  | 39.5  | 59.3  |
| 57       | 17.2  | 14.2  | 21.4  |
| 100      | 9.9   | 8.2   | 12.4  |



#49  
Dibromochloromethane  
Concen: 24.170 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

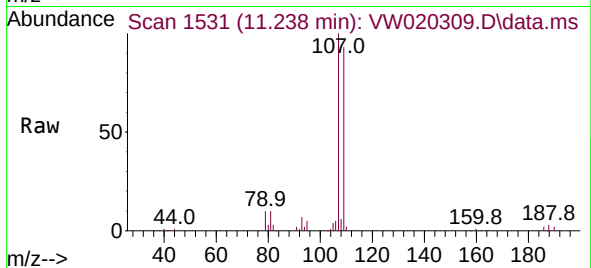
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 64283 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 74.4  | 55.1  | 102.3 |



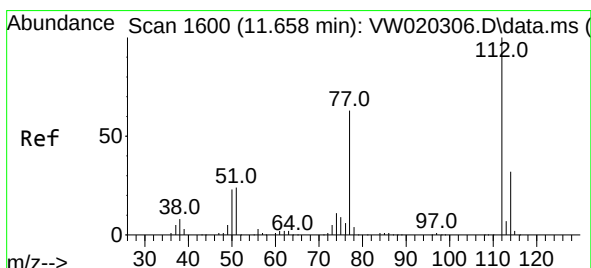
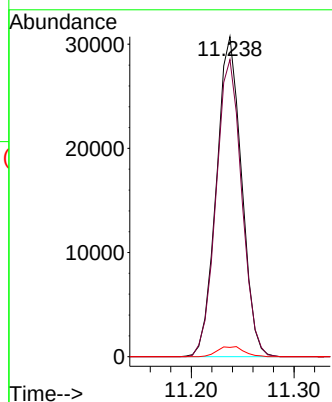
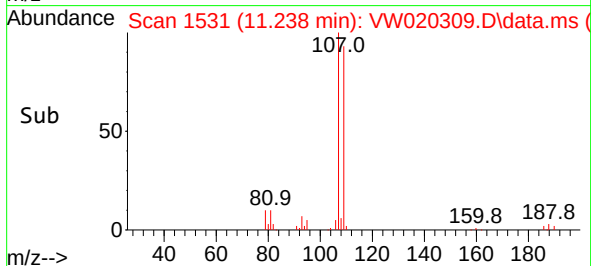


#50  
1,2-Dibromoethane  
Concen: 24.011 ug/L  
RT: 11.238 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

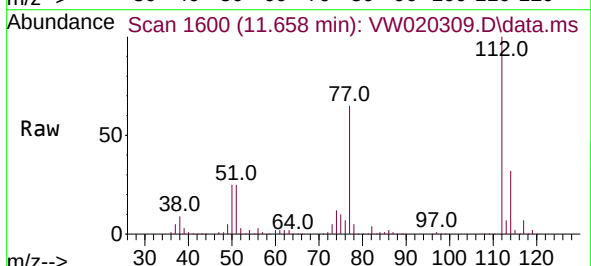
Instrument :  
MSVOA\_W  
ClientSampled :



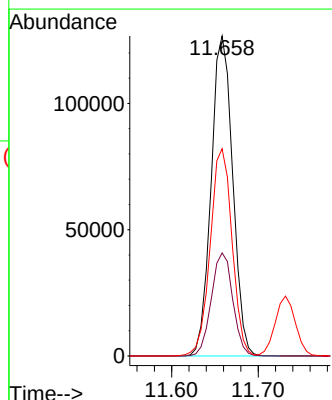
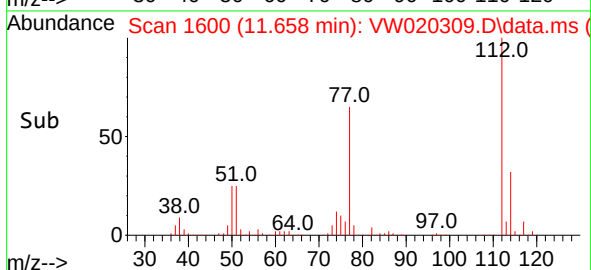
Tgt Ion:107 Resp: 52327  
Ion Ratio Lower Upper  
107 100  
109 92.9 64.5 119.9  
188 2.9 3.2 4.8#

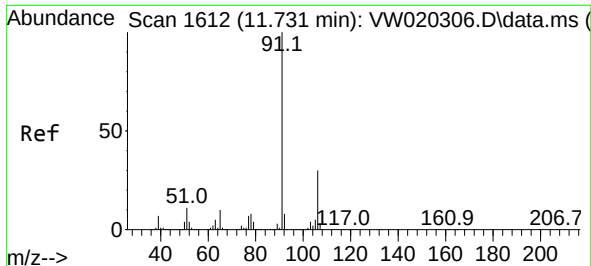


#51  
Chlorobenzene  
Concen: 23.873 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25



Tgt Ion:112 Resp: 218982  
Ion Ratio Lower Upper  
112 100  
114 32.2 22.3 41.5  
77 64.7 50.7 76.1

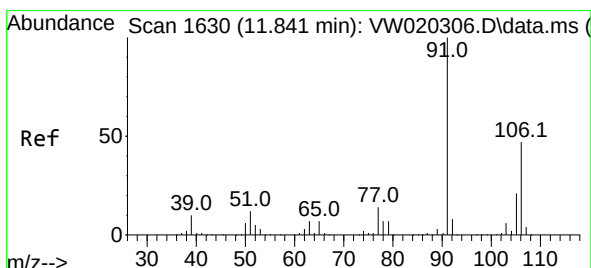
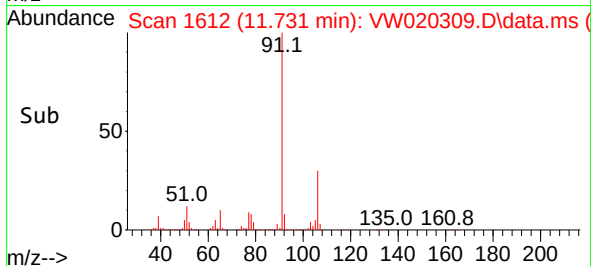
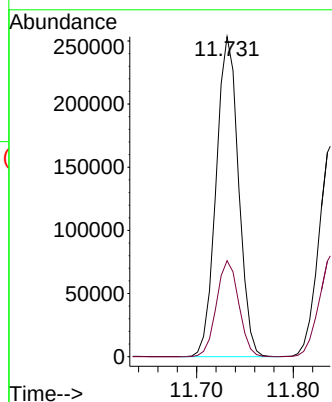
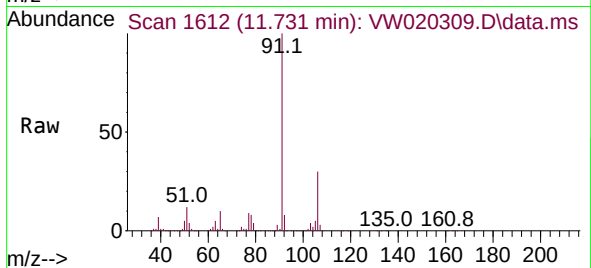




#52  
Ethylbenzene  
Concen: 24.689 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

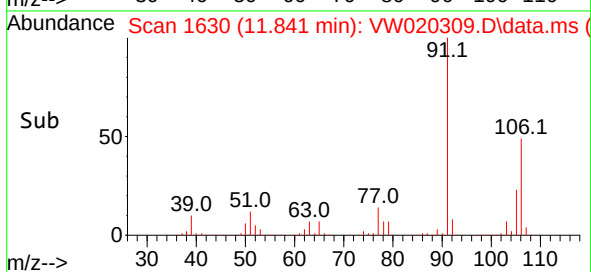
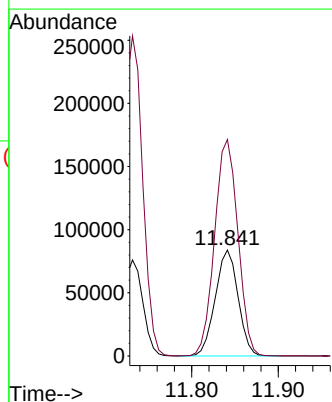
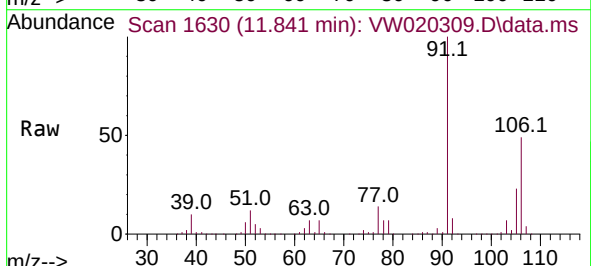
Instrument :  
MSVOA\_W  
ClientSampled :

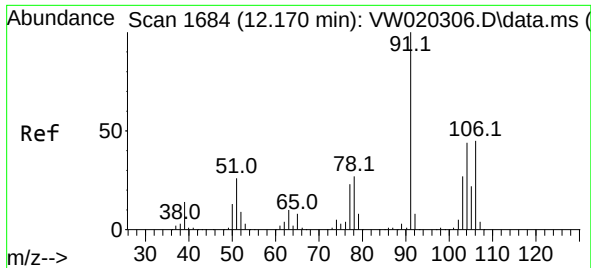
Tgt Ion: 91 Resp: 407626  
Ion Ratio Lower Upper  
91 100  
106 30.0 21.3 39.5



#53  
m,p-Xylene  
Concen: 25.142 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion:106 Resp: 153351  
Ion Ratio Lower Upper  
106 100  
91 204.4 148.2 275.2

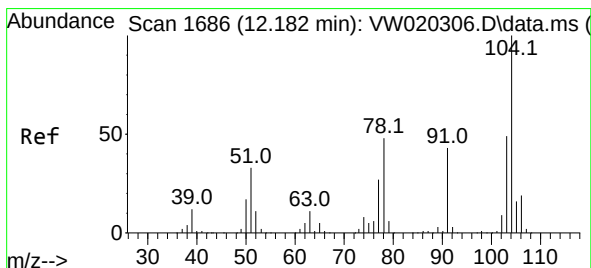
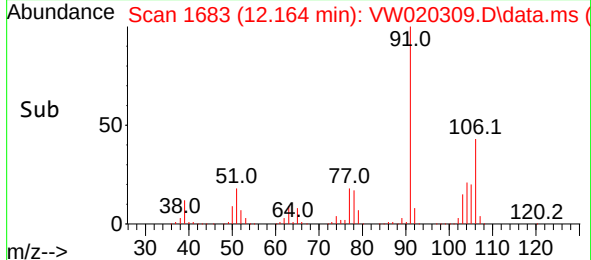
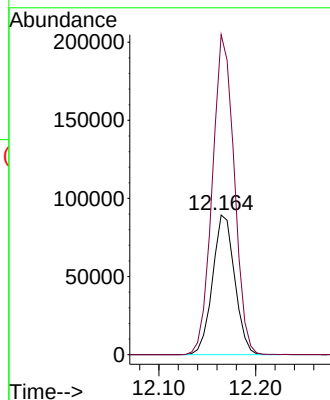
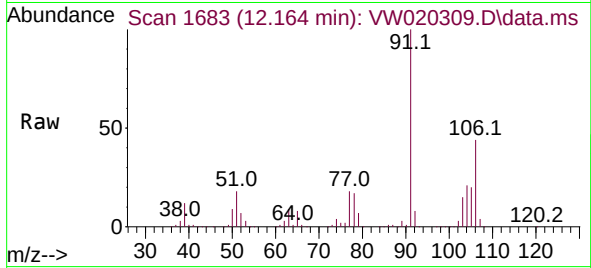




#54  
o-Xylene  
Concen: 24.915 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.006 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

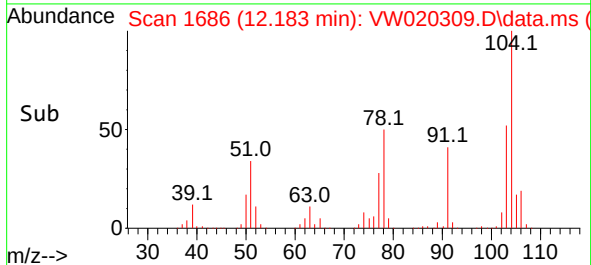
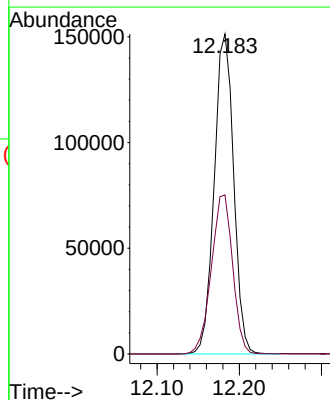
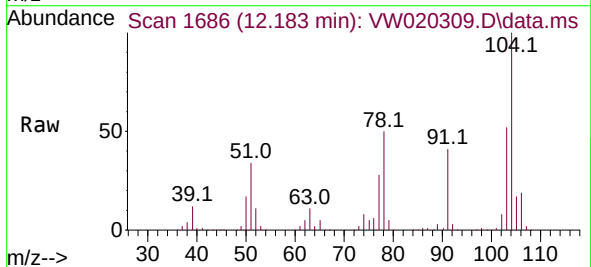
Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:106 Resp: 142313  
Ion Ratio Lower Upper  
106 100  
91 229.2 156.1 289.9

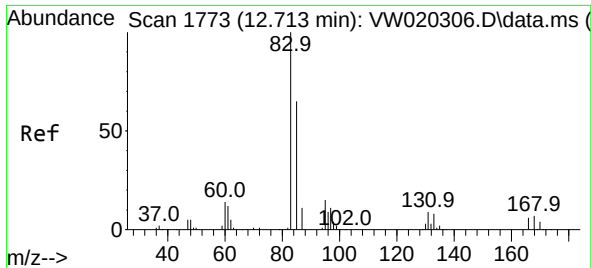


#55  
Styrene  
Concen: 25.285 ug/L  
RT: 12.183 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion:104 Resp: 248563  
Ion Ratio Lower Upper  
104 100  
78 49.7 33.2 61.7



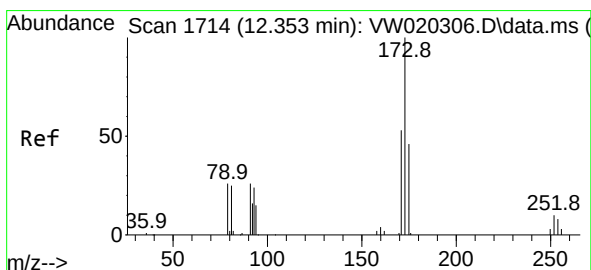
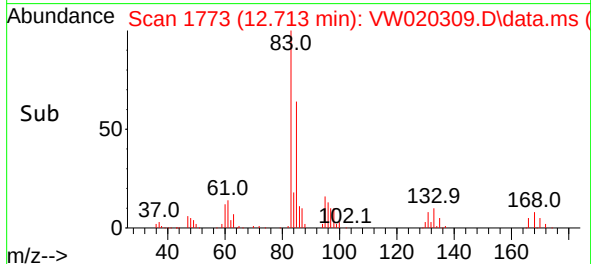
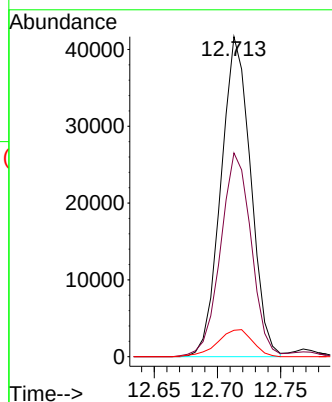
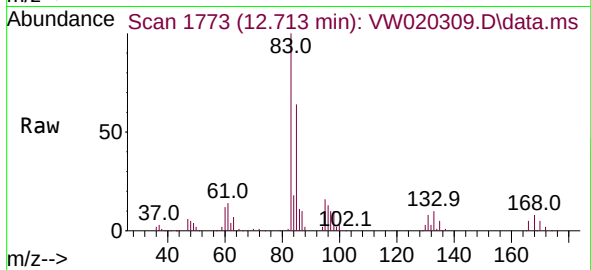




#57  
1,1,2,2-Tetrachloroethane  
Concen: 24.134 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

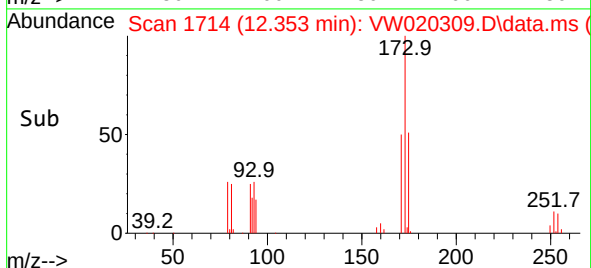
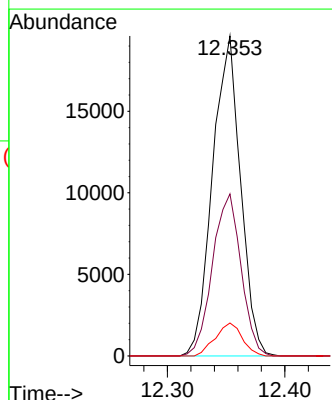
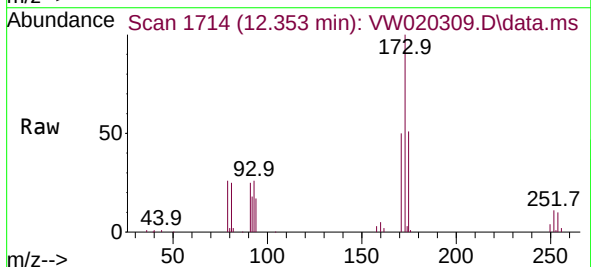
Instrument :  
MSVOA\_W  
ClientSampled :

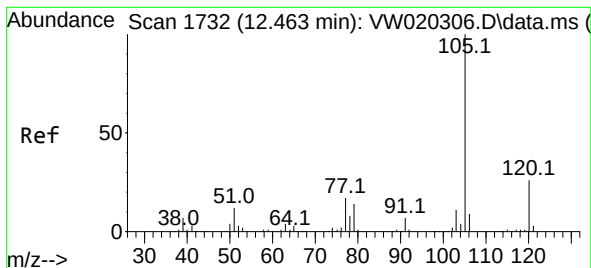
Tgt Ion: 83 Resp: 68002  
Ion Ratio Lower Upper  
83 100  
85 63.7 45.9 85.3  
131 8.3 7.4 11.2



#59  
Bromoform  
Concen: 23.067 ug/L  
RT: 12.353 min Scan# 1714  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion:173 Resp: 32460  
Ion Ratio Lower Upper  
173 100  
175 51.6 38.6 57.8  
254 9.9 7.3 10.9

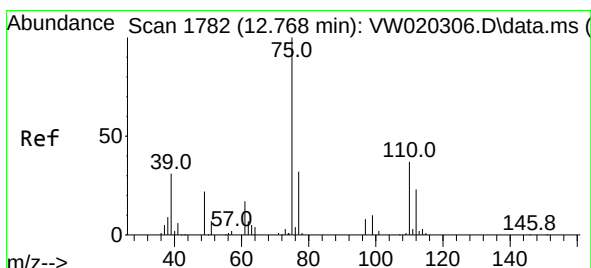
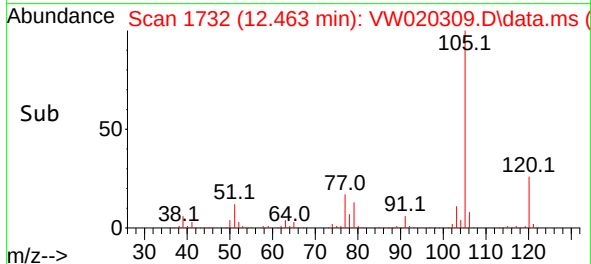
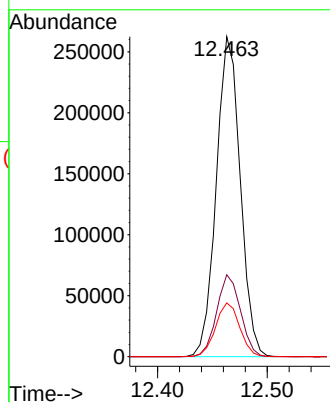
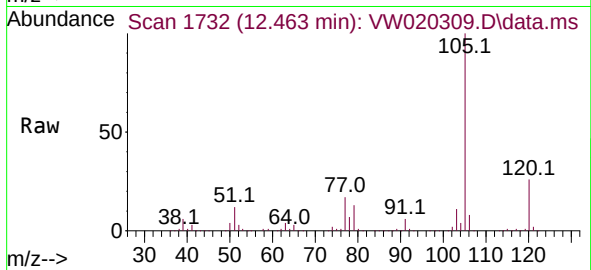




#60  
Isopropylbenzene  
Concen: 25.508 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

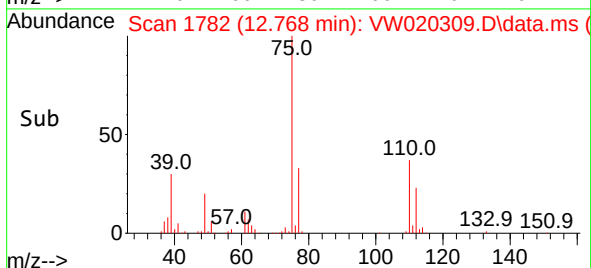
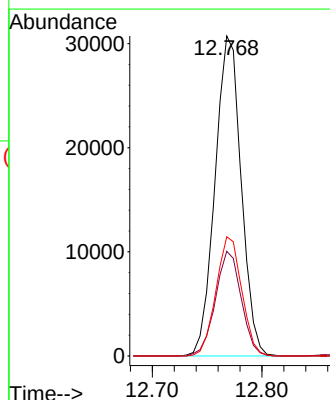
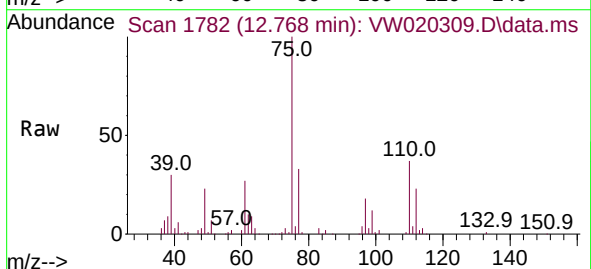
Instrument :  
MSVOA\_W  
ClientSampled :

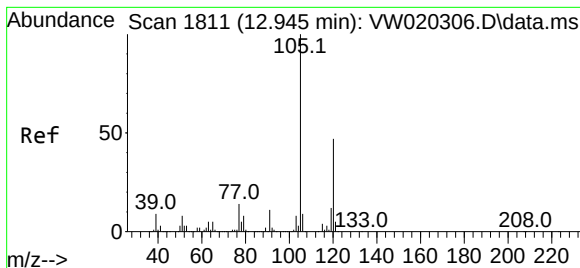
Tgt Ion:105 Resp: 398826  
Ion Ratio Lower Upper  
105 100  
120 25.4 20.3 30.5  
77 16.9 13.8 20.6



#61  
1,2,3-Trichloropropane  
Concen: 24.384 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion: 75 Resp: 50904  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.1 37.7  
110 36.6 29.4 44.0

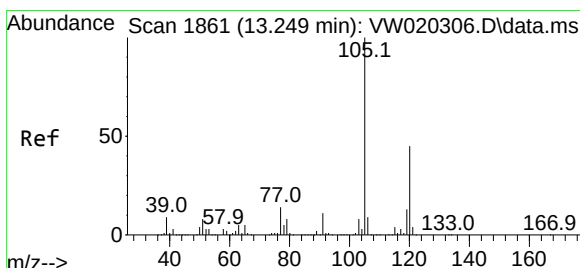
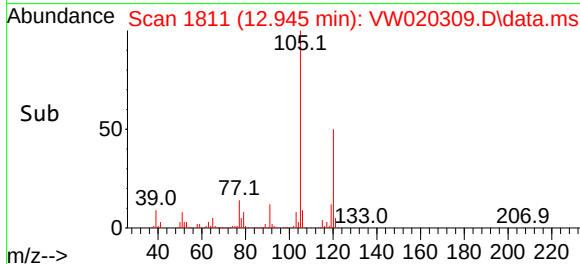
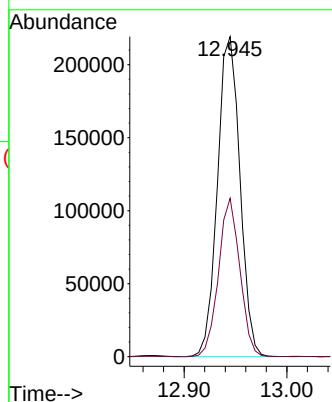
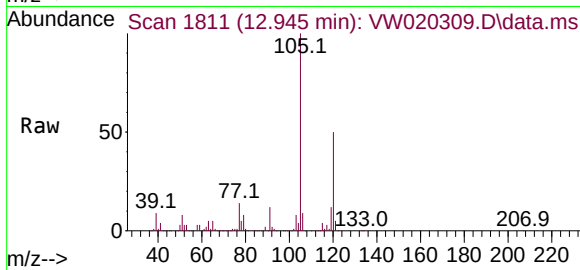




#62  
1,3,5-Trimethylbenzene  
Concen: 26.327 ug/L  
RT: 12.945 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

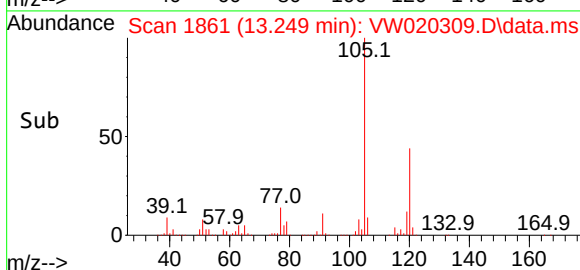
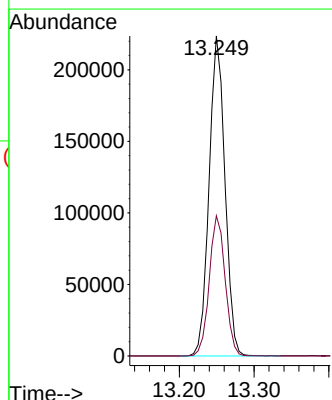
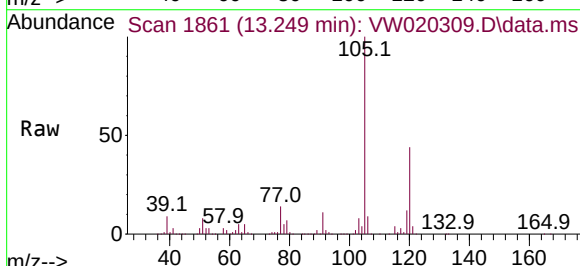
Instrument :  
MSVOA\_W  
ClientSampled :

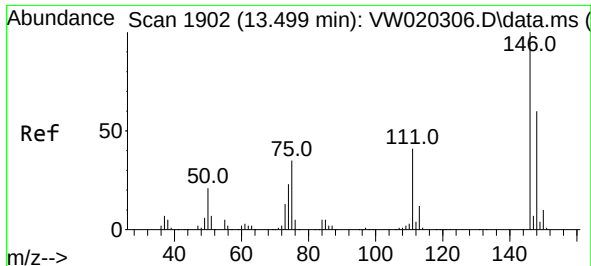
Tgt Ion:105 Resp: 333042  
Ion Ratio Lower Upper  
105 100  
120 47.0 37.9 56.9



#63  
1,2,4-Trimethylbenzene  
Concen: 26.049 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion:105 Resp: 329324  
Ion Ratio Lower Upper  
105 100  
120 43.8 35.4 53.2

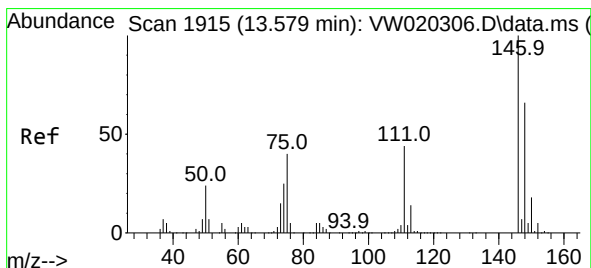
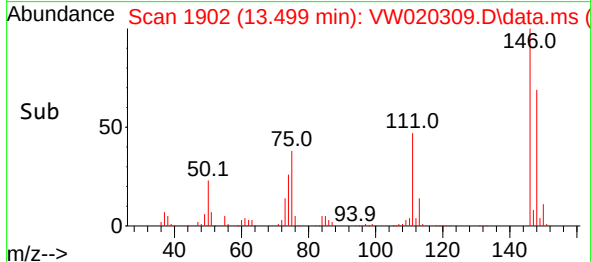
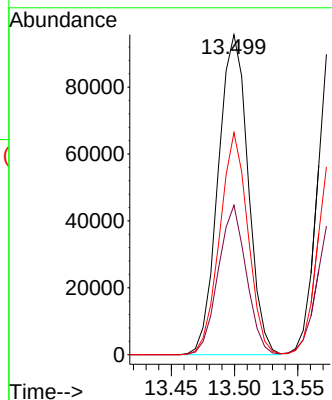
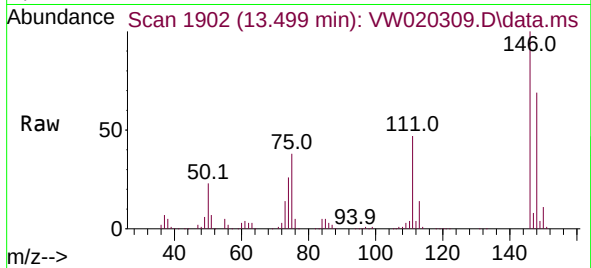




#64  
1,3-Dichlorobenzene  
Concen: 23.867 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

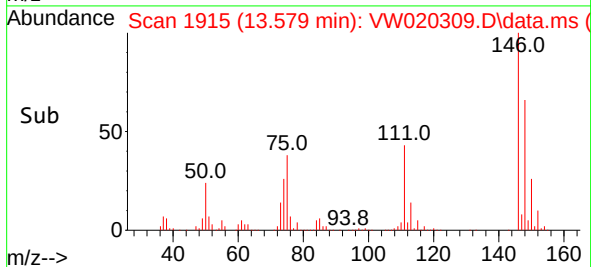
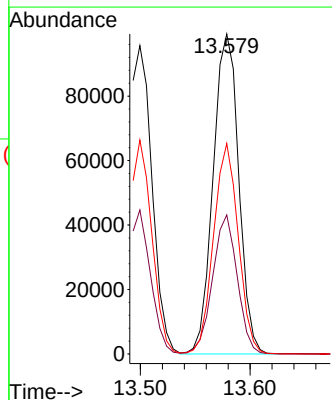
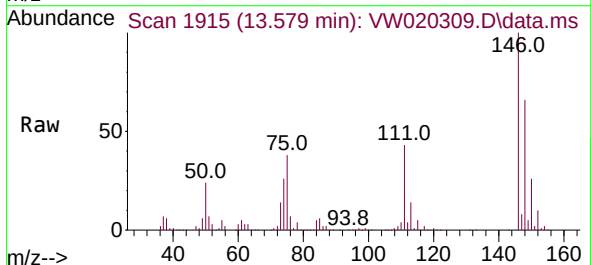
Instrument :  
MSVOA\_W  
ClientSampleId :

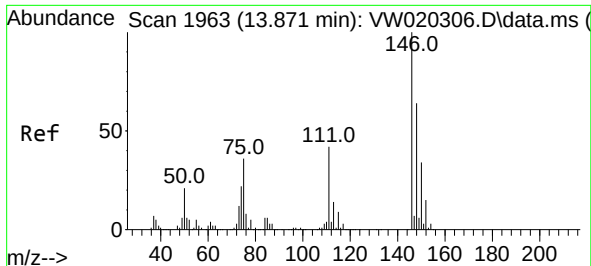
Tgt Ion:146 Resp: 156972  
Ion Ratio Lower Upper  
146 100  
111 46.7 29.0 53.8  
148 69.4 42.4 78.6



#65  
1,4-Dichlorobenzene  
Concen: 24.275 ug/L  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion:146 Resp: 161160  
Ion Ratio Lower Upper  
146 100  
111 43.4 30.9 57.5  
148 65.8 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 24.355 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW020309.D

Acq: 06 Oct 2021 11:25

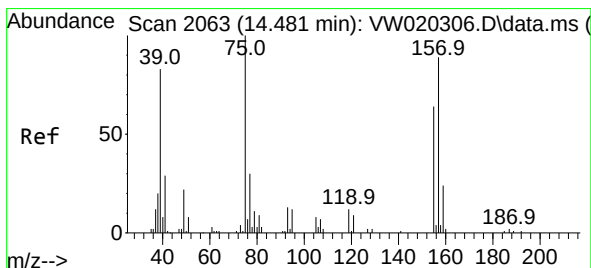
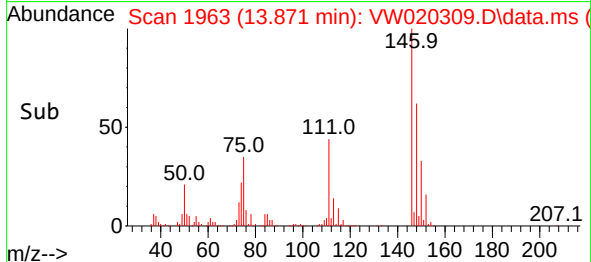
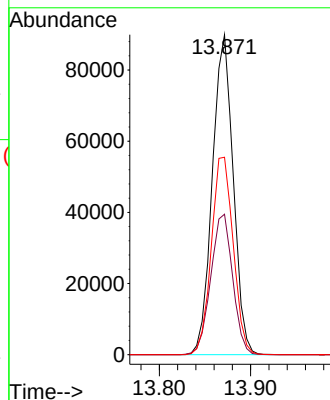
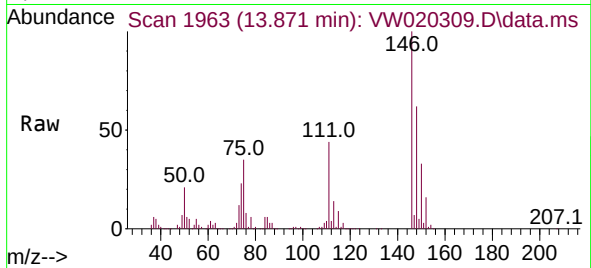
Tgt Ion:146 Resp: 142815

Ion Ratio Lower Upper

146 100

111 43.9 33.9 50.9

148 61.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 24.475 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020309.D

Acq: 06 Oct 2021 11:25

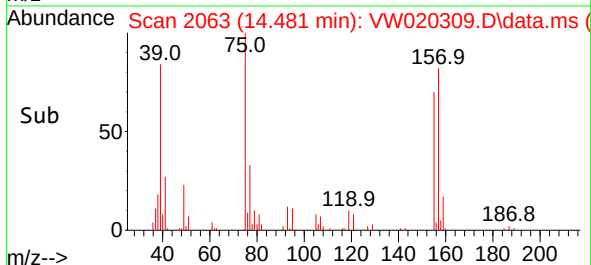
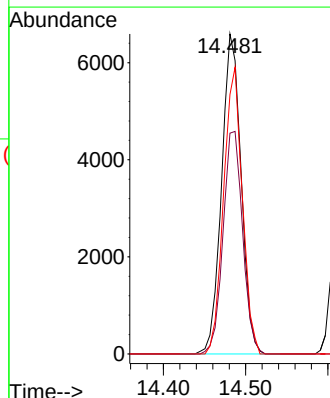
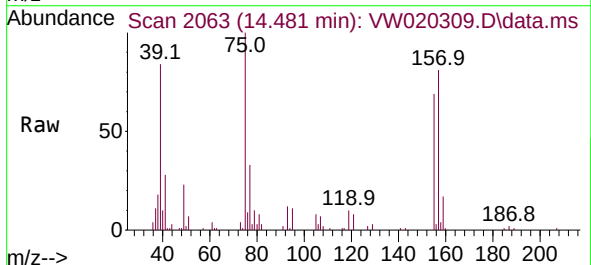
Tgt Ion: 75 Resp: 10844

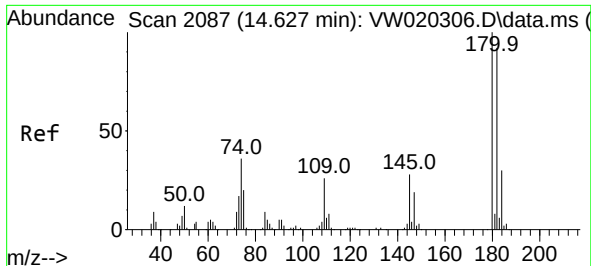
Ion Ratio Lower Upper

75 100

155 69.0 51.4 77.0

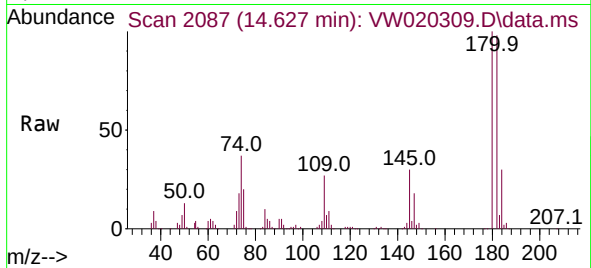
157 81.1 70.8 106.2



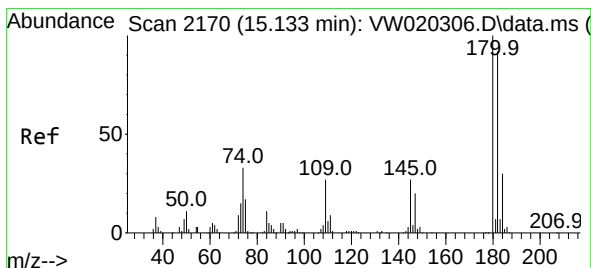
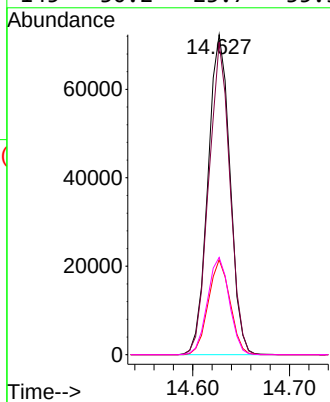
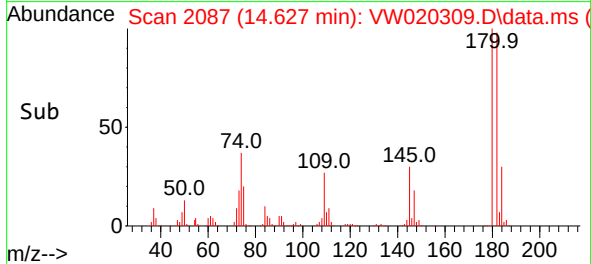


#69  
1,3,5-Trichlorobenzene  
Concen: 24.462 ug/L  
RT: 14.627 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

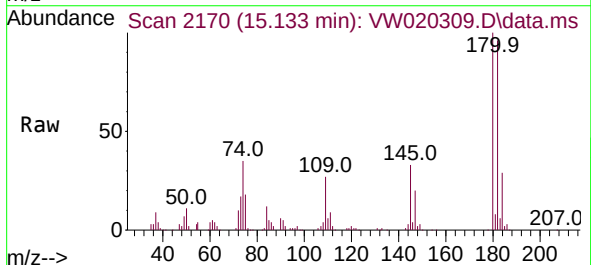
Instrument :  
MSVOA\_W  
ClientSampled :



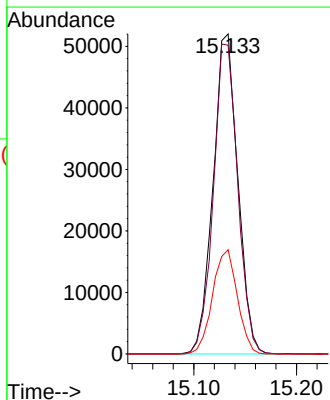
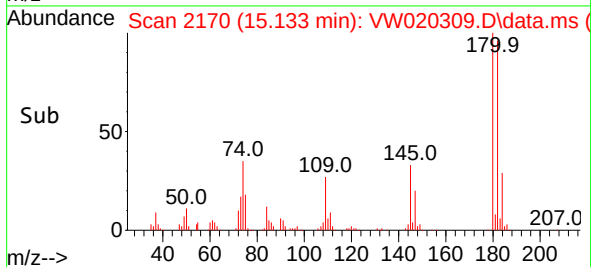
Tgt Ion:180 Resp: 114285  
Ion Ratio Lower Upper  
180 100  
182 94.0 73.4 110.0  
184 29.2 24.2 36.4  
145 30.2 23.7 35.5

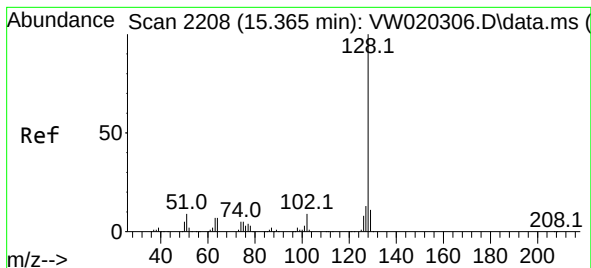


#70  
1,2,4-trichlorobenzene  
Concen: 23.841 ug/L  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25



Tgt Ion:180 Resp: 86873  
Ion Ratio Lower Upper  
180 100  
182 95.4 75.8 113.8  
145 32.6 24.8 37.2

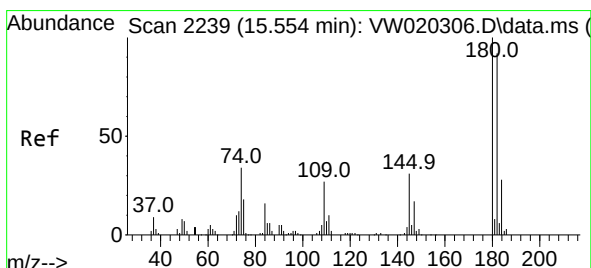
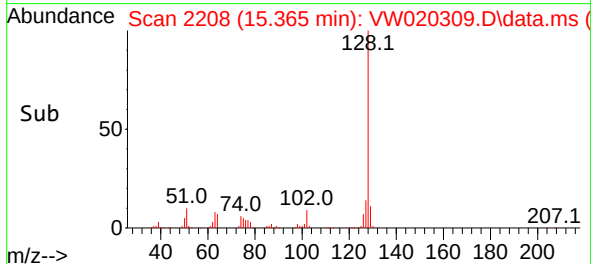
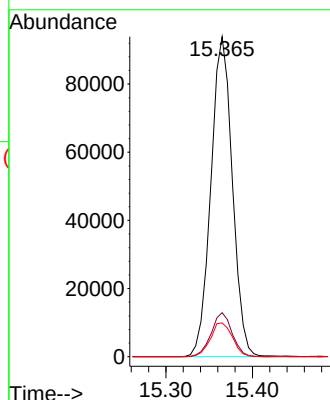
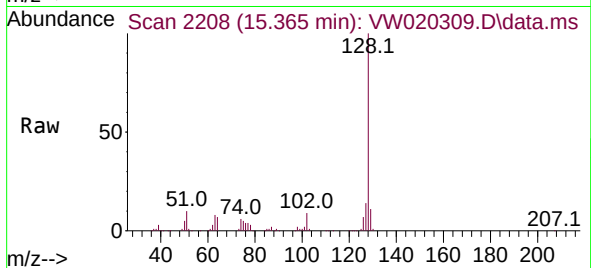




#71  
Naphthalene  
Concen: 25.470 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:128 Resp: 161667  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.5 15.7  
129 10.9 8.7 13.1



#72  
1,2,3-Trichlorobenzene  
Concen: 24.487 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VW020309.D  
Acq: 06 Oct 2021 11:25

Tgt Ion:180 Resp: 77939  
Ion Ratio Lower Upper  
180 100  
182 92.8 74.8 112.2  
145 32.3 26.2 39.4

