

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082721\  
 Data File : VW019923.D  
 Acq On : 27 Aug 2021 08:56  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 28 00:37:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 27 00:59:57 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 388651   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 354869   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 177325   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 125120   | 20.778   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.120%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 111814   | 21.155   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 84.600%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 227165   | 21.740   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 86.960%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 54236    | 44.341   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 88.680%  |
| 24) Chloroform-d              | 7.653  | 84    | 243117   | 22.746   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 91.000%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 123537   | 21.447   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 85.800%  |
| 32) Benzene-d6                | 8.275  | 84    | 472696   | 23.362   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 93.440%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 139888   | 22.830   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 91.320%  |
| 41) Toluene-d8                | 10.323 | 98    | 432497   | 23.325   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 93.280%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 57878    | 22.865   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 91.440%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 39527    | 46.306   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 92.620%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 112537   | 22.566   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 90.280%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 141586   | 23.277   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 93.120%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.014  | 85    | 80547    | 21.148   | ug/L   | 93       |
| 3) Chloromethane              | 2.221  | 50    | 95143    | 20.073   | ug/L   | 100      |
| 5) Vinyl chloride             | 2.373  | 62    | 158469   | 22.544   | ug/L   | 95       |
| 6) Bromomethane               | 2.788  | 94    | 111748   | 21.423   | ug/L   | 98       |
| 8) Chloroethane               | 2.934  | 64    | 100013   | 21.703   | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 3.269  | 101   | 97659    | 21.599   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.074  | 101   | 126432   | 23.559   | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 4.050  | 96    | 122454   | 23.267   | ug/L   | 94       |
| 13) Acetone                   | 4.129  | 43    | 44805    | 42.910   | ug/L   | 88       |
| 14) Carbon disulfide          | 4.391  | 76    | 364732   | 21.668   | ug/L   | 100      |
| 15) Methyl Acetate            | 4.678  | 43    | 44025    | 20.255   | ug/L   | 99       |
| 16) Methylene chloride        | 4.922  | 84    | 127290   | 19.083   | ug/L   | 96       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96    | 128426   | 23.229   | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73    | 153173   | 24.069   | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 6.220  | 63    | 225915   | 23.052   | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 134255   | 23.991   | ug/L   | 98       |
| 22) 2-Butanone                | 7.177  | 43    | 59899    | 44.269   | ug/L   | 97       |
| 23) Bromochloromethane        | 7.519  | 128   | 58141    | 23.215   | ug/L   | 94       |
| 25) Chloroform                | 7.677  | 83    | 233617   | 23.042   | ug/L   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082721\  
 Data File : VW019923.D  
 Acq On : 27 Aug 2021 08:56  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

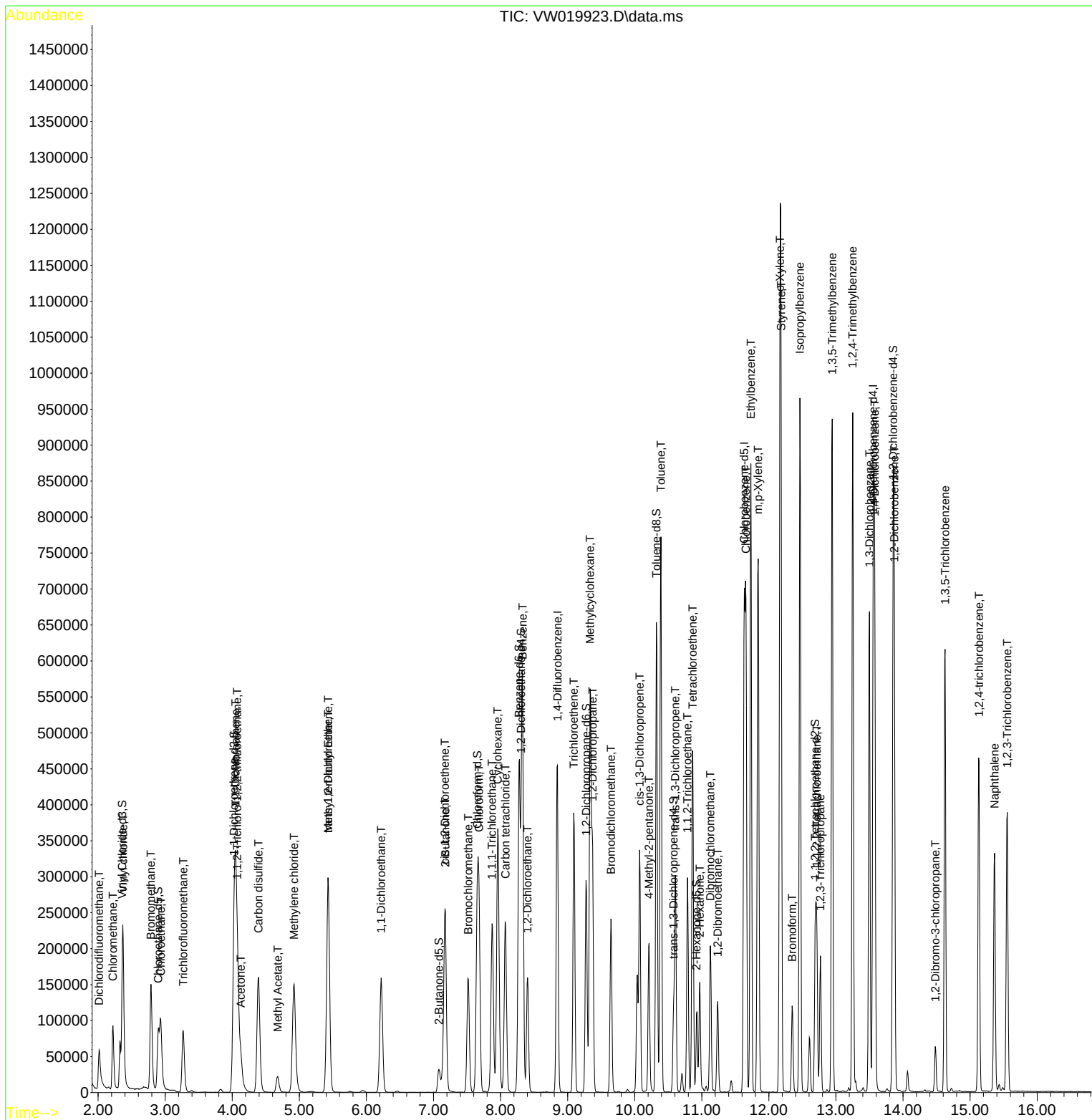
Instrument :  
 MSVOA\_W  
 ClientSampleId :

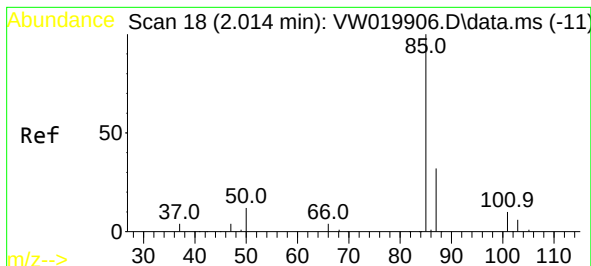
Quant Time: Aug 28 00:37:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 27 00:59:57 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 143866   | 21.752 | ug/L  | 98       |
| 29) Cyclohexane               | 7.958  | 56   | 204589   | 24.550 | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 192020   | 24.211 | ug/L  | 98       |
| 31) Carbon tetrachloride      | 8.073  | 117  | 178942   | 24.203 | ug/L  | 99       |
| 33) Benzene                   | 8.329  | 78   | 523892   | 24.054 | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 135397   | 23.913 | ug/L  | 93       |
| 35) Methylcyclohexane         | 9.335  | 83   | 234104   | 24.105 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 126903   | 23.526 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 160346   | 22.946 | ug/L  | 94       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 192945   | 24.290 | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 129834   | 45.265 | ug/L  | 95       |
| 42) Toluene                   | 10.390 | 91   | 563354   | 24.418 | ug/L  | 95       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 166499   | 23.813 | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 90426    | 23.156 | ug/L  | 98       |
| 46) Tetrachloroethene         | 10.866 | 164  | 105816   | 24.672 | ug/L  | 97       |
| 48) 2-Hexanone                | 10.969 | 43   | 92470    | 46.312 | ug/L  | 94       |
| 49) Dibromochloromethane      | 11.128 | 129  | 103779   | 23.232 | ug/L  | 90       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 84346    | 22.996 | ug/L  | 97       |
| 51) Chlorobenzene             | 11.658 | 112  | 350013   | 23.886 | ug/L  | 100      |
| 52) Ethylbenzene              | 11.731 | 91   | 608600   | 24.502 | ug/L  | 100      |
| 53) m,p-Xylene                | 11.841 | 106  | 240926   | 25.258 | ug/L  | 99       |
| 54) o-Xylene                  | 12.164 | 106  | 223916   | 24.816 | ug/L  | 96       |
| 55) Styrene                   | 12.182 | 104  | 383534   | 24.876 | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 105259   | 21.980 | ug/L  | 100      |
| 59) Bromoform                 | 12.347 | 173  | 53046    | 22.531 | ug/L  | 97       |
| 60) Isopropylbenzene          | 12.463 | 105  | 615349   | 25.611 | ug/L  | 98       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 76558    | 22.020 | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 506184   | 26.395 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 496907   | 25.563 | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 260705   | 24.337 | ug/L  | 94       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 259327   | 23.552 | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 231843   | 23.833 | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 15374    | 20.285 | ug/L  | 94       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 181386   | 24.575 | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 148686   | 26.216 | ug/L  | 100      |
| 71) Naphthalene               | 15.365 | 128  | 282192   | 24.947 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 130349   | 24.820 | ug/L  | 97       |

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

Quant Time: Aug 28 00:37:17 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Aug 27 00:59:57 2021  
Response via : Initial Calibration

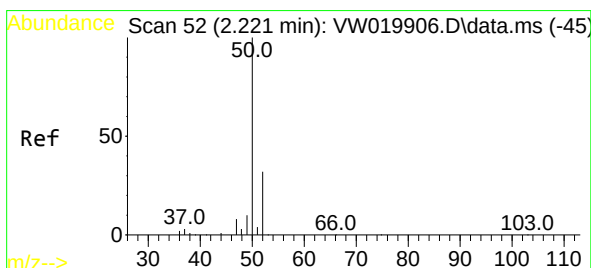
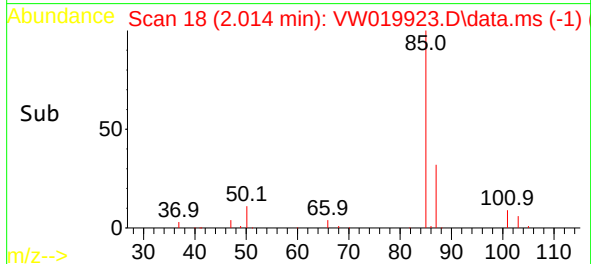
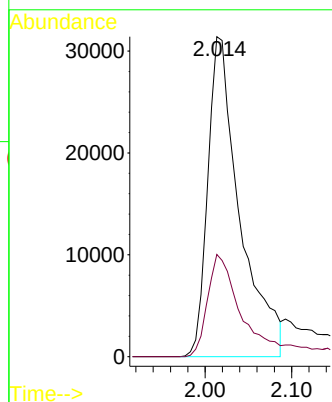
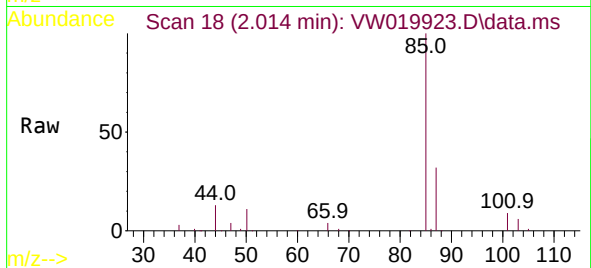




#2  
Dichlorodifluoromethane  
Concen: 21.148 ug/L  
RT: 2.014 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

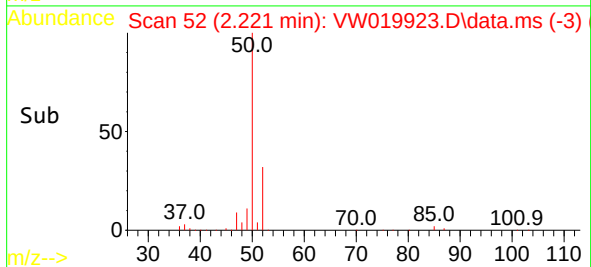
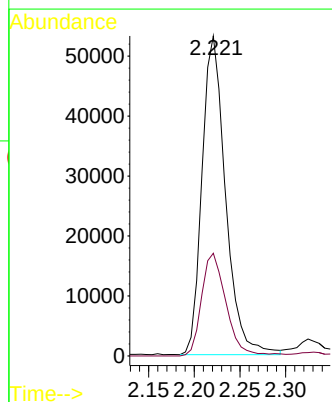
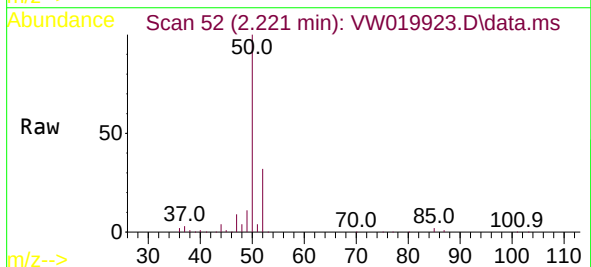
Instrument :  
MSVOA\_W  
ClientSampled :

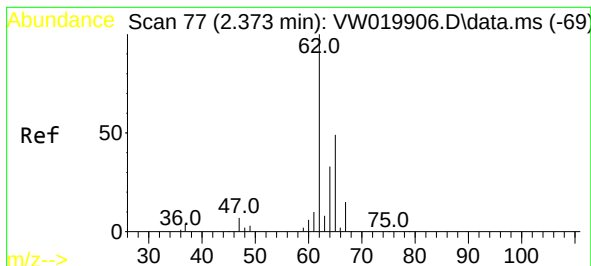
Tgt Ion: 85 Resp: 80547  
Ion Ratio Lower Upper  
85 100  
87 32.6 23.3 34.9



#3  
Chloromethane  
Concen: 20.073 ug/L  
RT: 2.221 min Scan# 52  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 50 Resp: 95143  
Ion Ratio Lower Upper  
50 100  
52 32.1 22.5 41.9





#5

Vinyl chloride

Concen: 22.544 ug/L

RT: 2.373 min Scan# 77

Delta R.T. -0.000 min

Lab File: VW019923.D

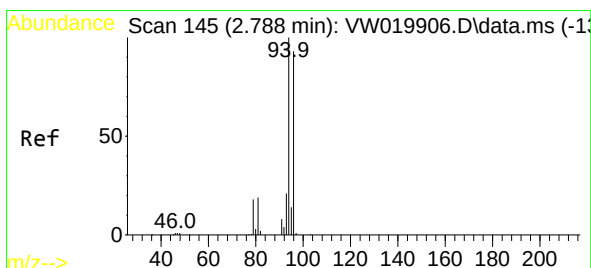
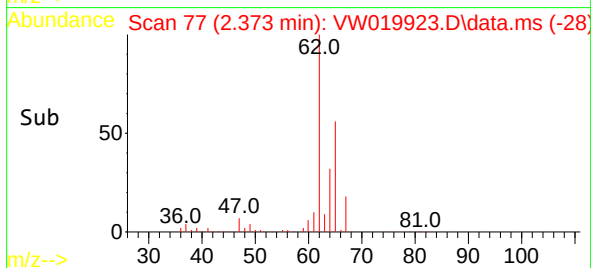
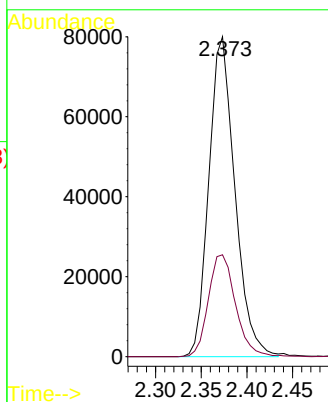
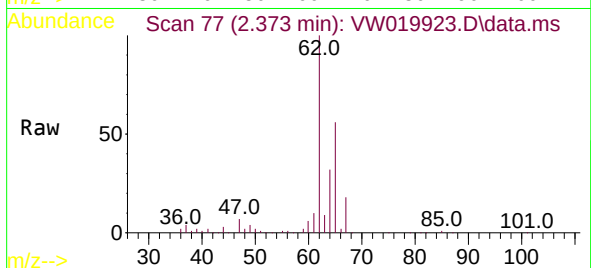
Acq: 27 Aug 2021 08:56

Tgt Ion: 62 Resp: 158469

Ion Ratio Lower Upper

62 100

64 31.8 24.2 45.0



#6

Bromomethane

Concen: 21.423 ug/L

RT: 2.788 min Scan# 145

Delta R.T. -0.000 min

Lab File: VW019923.D

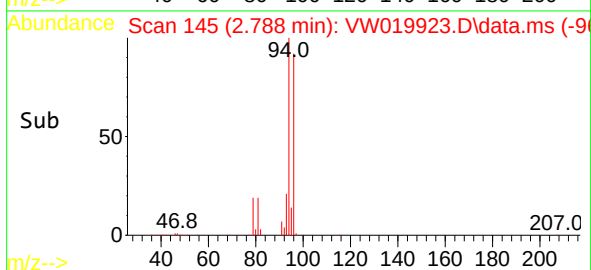
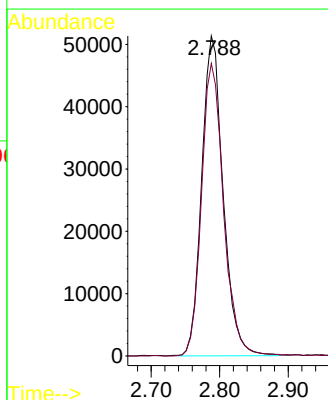
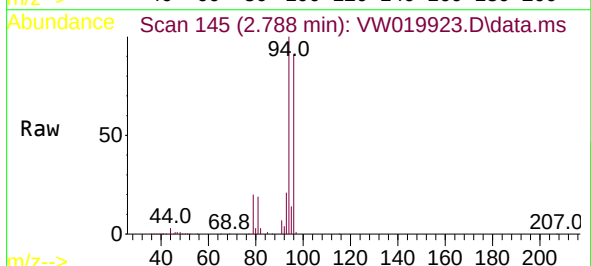
Acq: 27 Aug 2021 08:56

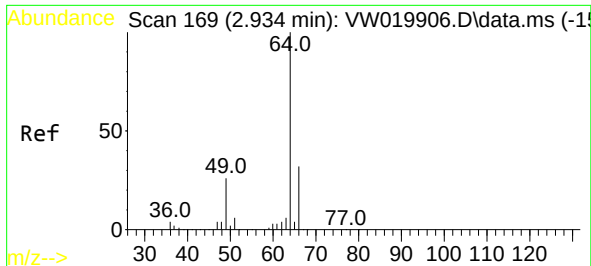
Tgt Ion: 94 Resp: 111748

Ion Ratio Lower Upper

94 100

96 91.4 65.3 121.3

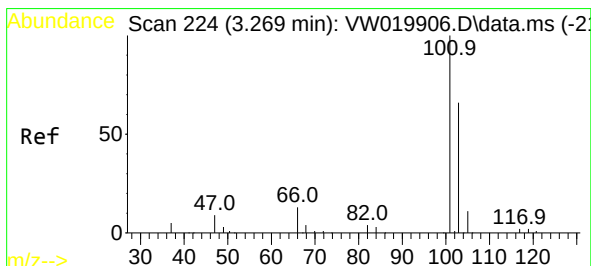
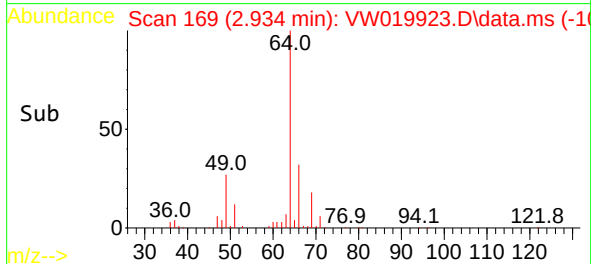
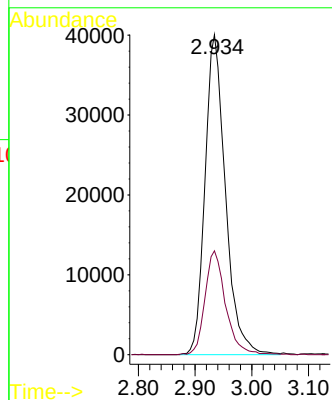
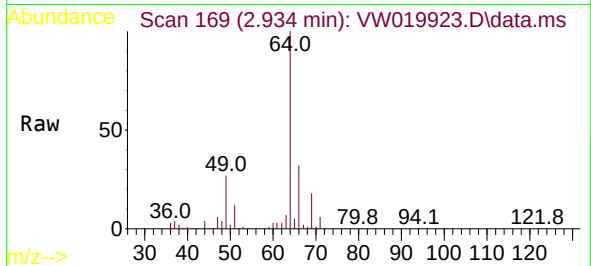




#8  
Chloroethane  
Concen: 21.703 ug/L  
RT: 2.934 min Scan# 169  
Delta R.T. 0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

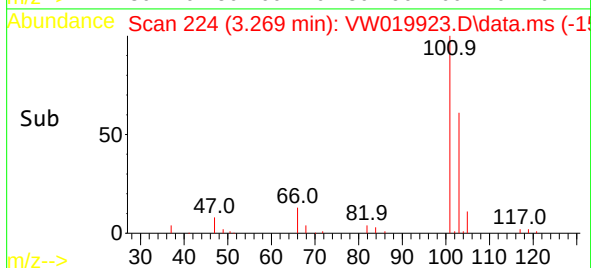
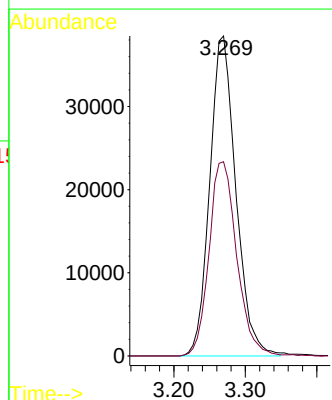
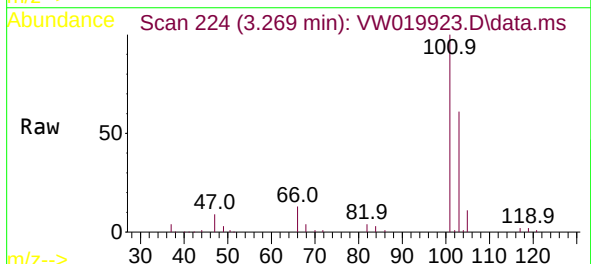
Instrument :  
MSVOA\_W  
ClientSampled :

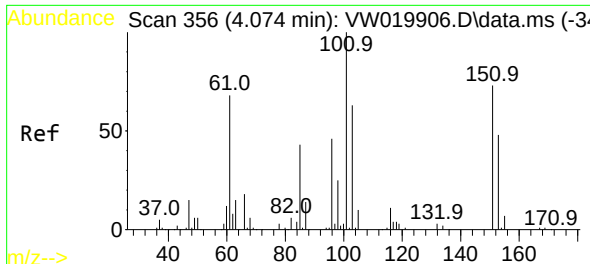
Tgt Ion: 64 Resp: 100013  
Ion Ratio Lower Upper  
64 100  
66 32.4 23.4 43.6



#9  
Trichlorofluoromethane  
Concen: 21.599 ug/L  
RT: 3.269 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion:101 Resp: 97659  
Ion Ratio Lower Upper  
101 100  
103 64.3 51.0 76.4

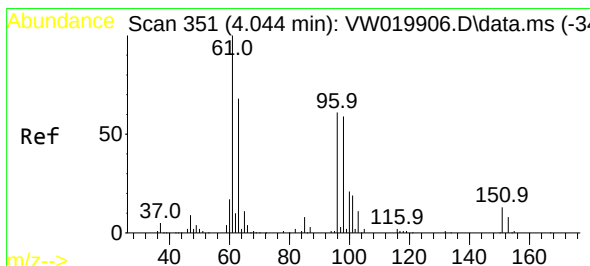
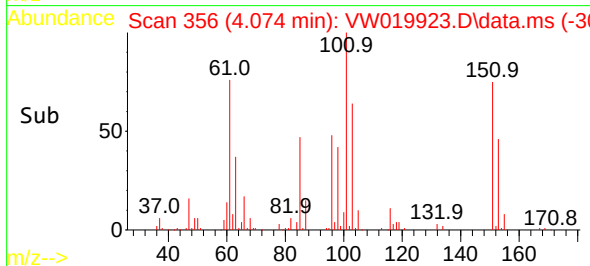
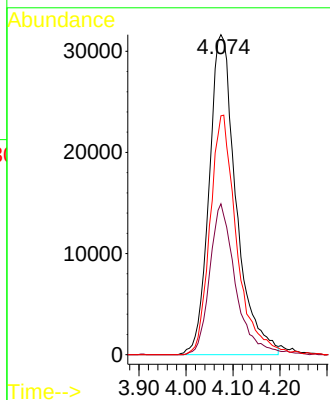
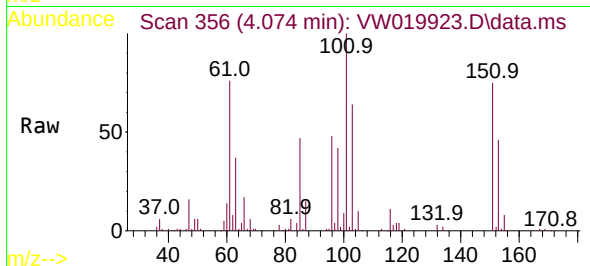




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 23.559 ug/L  
 RT: 4.074 min Scan# 356  
 Delta R.T. -0.000 min  
 Lab File: VW019923.D  
 Acq: 27 Aug 2021 08:56

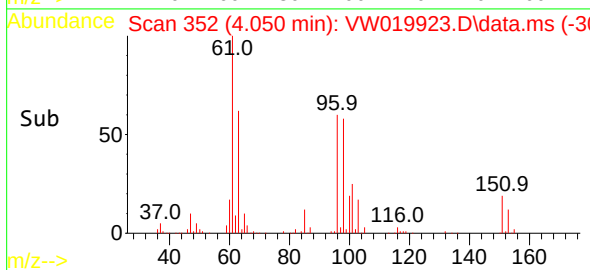
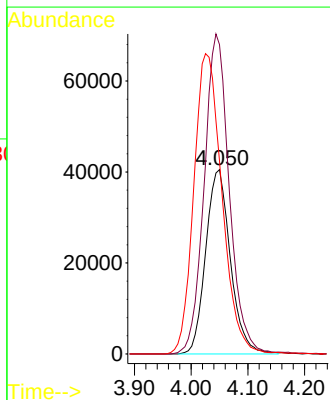
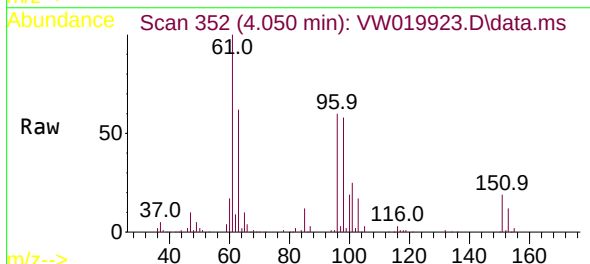
Instrument :  
 MSVOA\_W  
 ClientSampled :

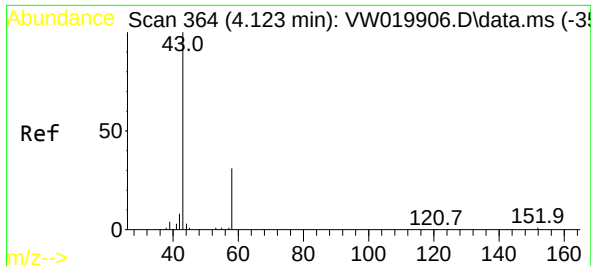
Tgt Ion:101 Resp: 126432  
 Ion Ratio Lower Upper  
 101 100  
 85 44.8 38.2 57.2  
 151 73.6 56.6 85.0



#12  
 1,1-Dichloroethene  
 Concen: 23.267 ug/L  
 RT: 4.050 min Scan# 352  
 Delta R.T. 0.006 min  
 Lab File: VW019923.D  
 Acq: 27 Aug 2021 08:56

Tgt Ion: 96 Resp: 122454  
 Ion Ratio Lower Upper  
 96 100  
 61 167.9 118.1 219.3  
 63 104.9 83.7 155.5

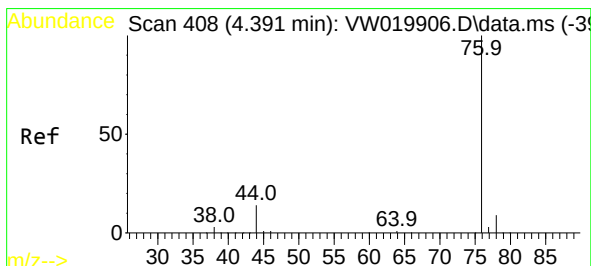
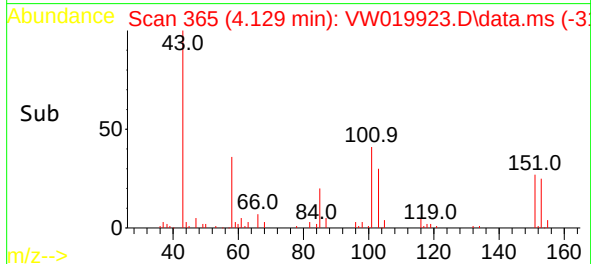
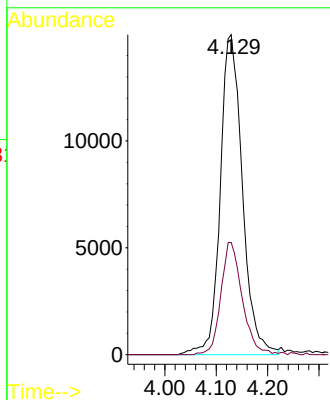
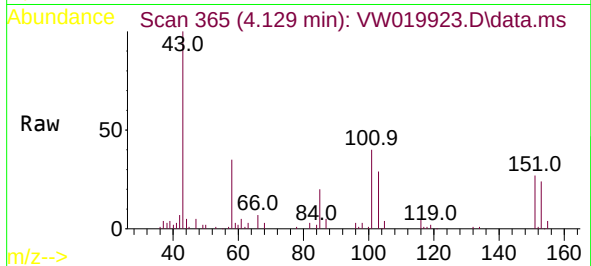




#13  
Acetone  
Concen: 42.910 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.006 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

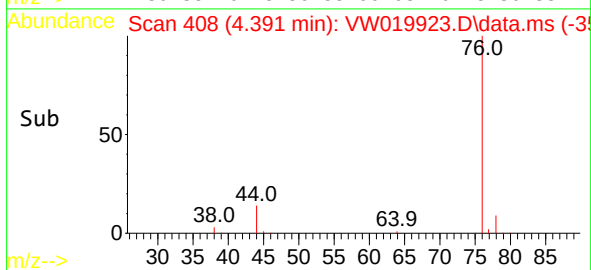
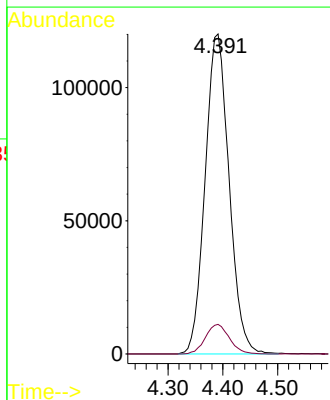
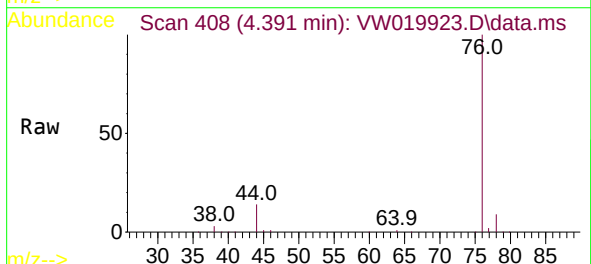
Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 43 Resp: 44805  
Ion Ratio Lower Upper  
43 100  
58 33.3 0.0 53.8

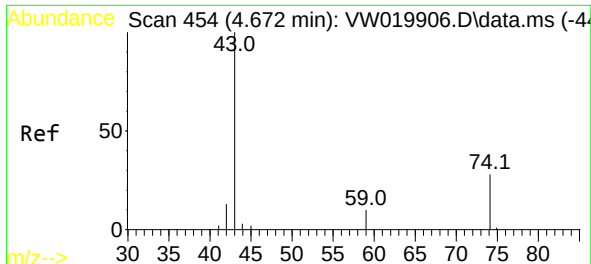


#14  
Carbon disulfide  
Concen: 21.668 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 76 Resp: 364732  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



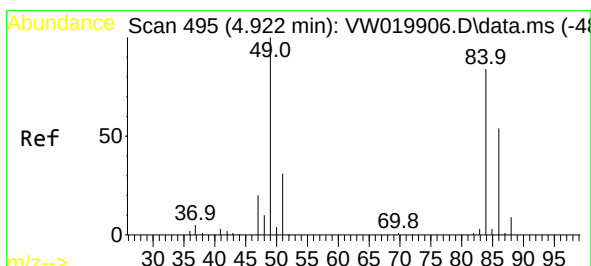
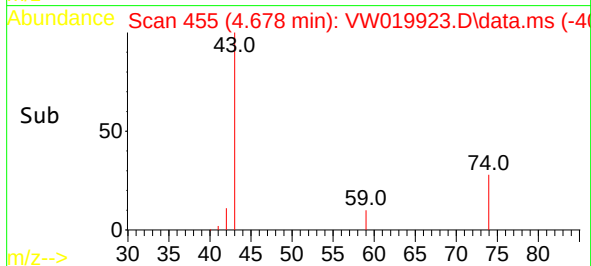
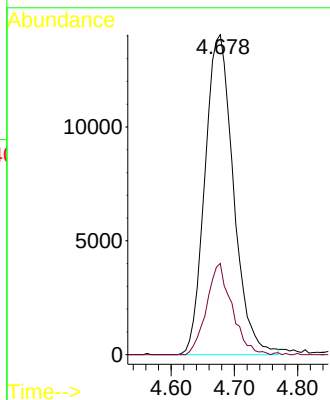
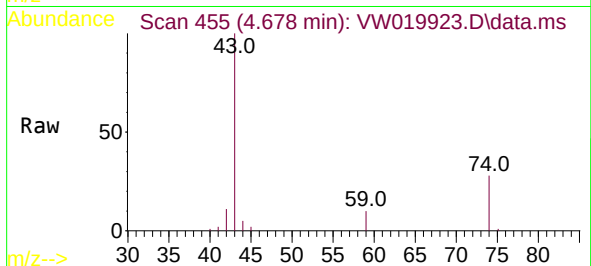




#15  
Methyl Acetate  
Concen: 20.255 ug/L  
RT: 4.678 min Scan# 455  
Delta R.T. 0.006 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

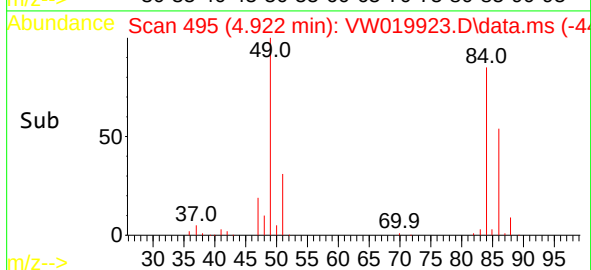
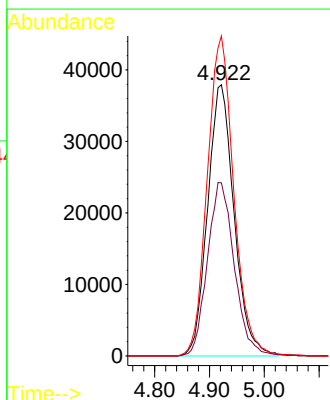
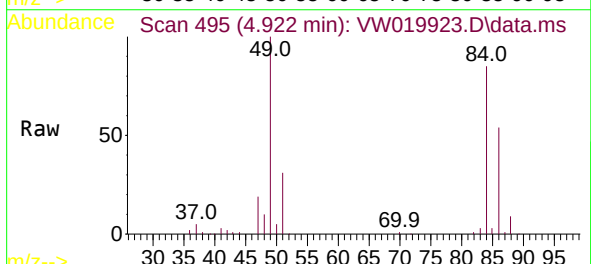
Instrument :  
MSVOA\_W  
ClientSampled :

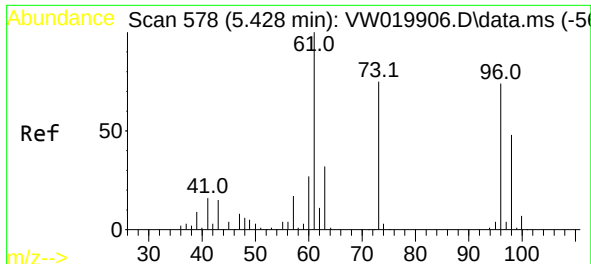
Tgt Ion: 43 Resp: 44025  
Ion Ratio Lower Upper  
43 100  
74 25.3 20.0 30.0



#16  
Methylene chloride  
Concen: 19.083 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 84 Resp: 127290  
Ion Ratio Lower Upper  
84 100  
86 63.8 45.3 84.1  
49 118.0 86.6 160.8

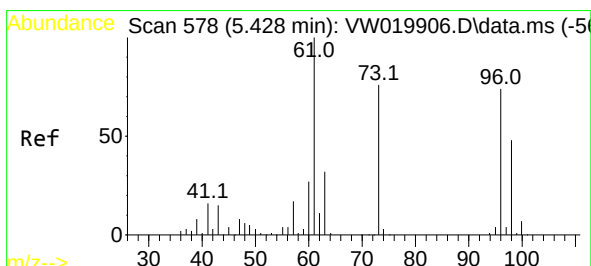
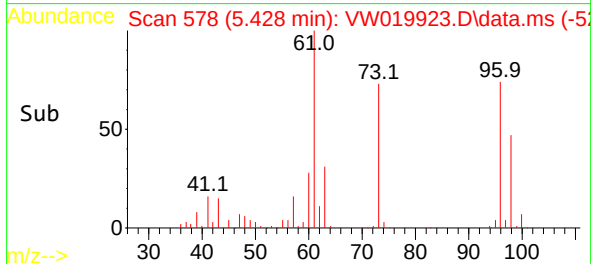
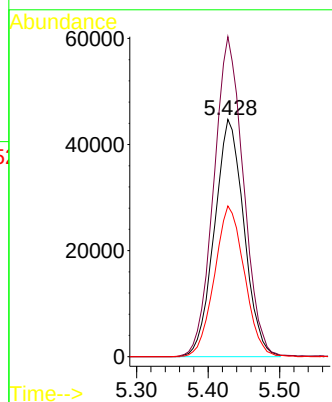
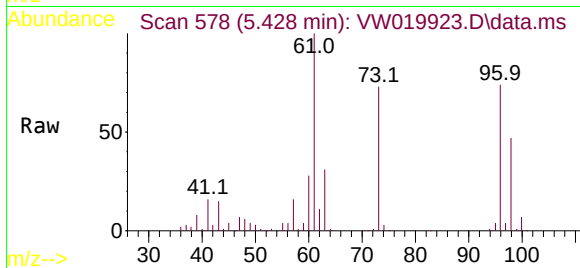




#17  
trans-1,2-Dichloroethene  
Concen: 23.229 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

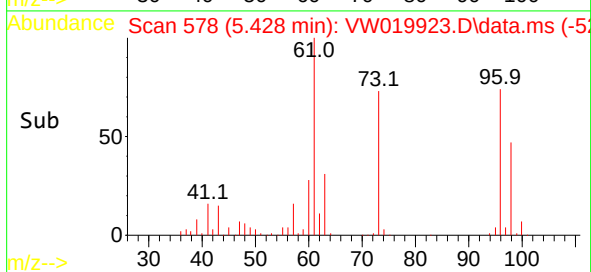
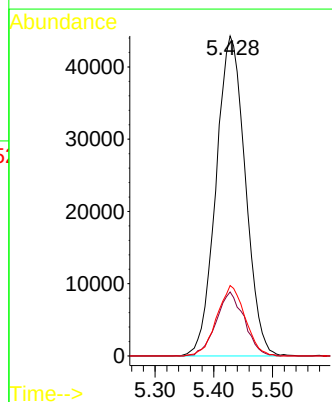
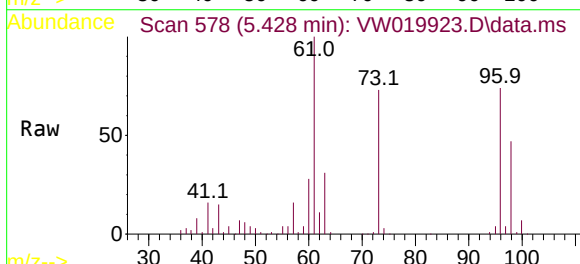
Instrument :  
MSVOA\_W  
ClientSampled :

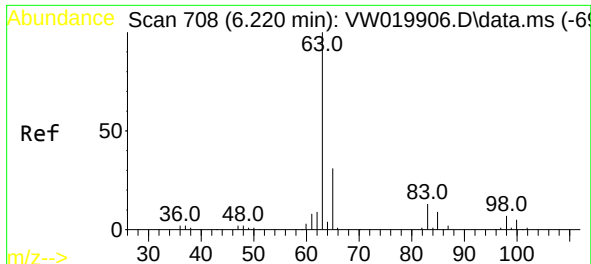
Tgt Ion: 96 Resp: 128426  
Ion Ratio Lower Upper  
96 100  
61 134.9 98.3 182.7  
98 63.5 46.1 85.7



#18  
Methyl tert-butyl Ether  
Concen: 24.069 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 73 Resp: 153173  
Ion Ratio Lower Upper  
73 100  
43 18.7 17.7 26.5  
57 21.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 23.052 ug/L

RT: 6.220 min Scan# 708

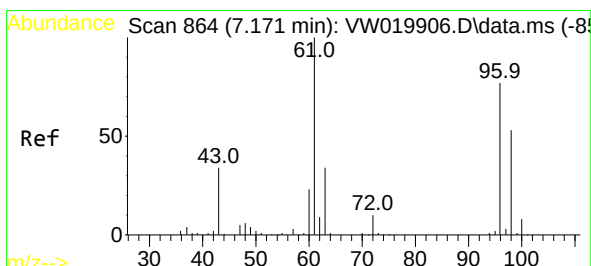
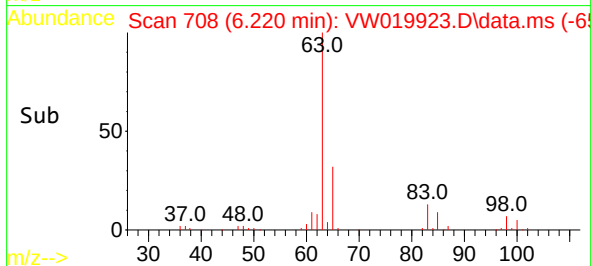
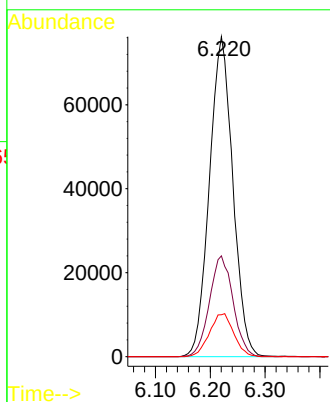
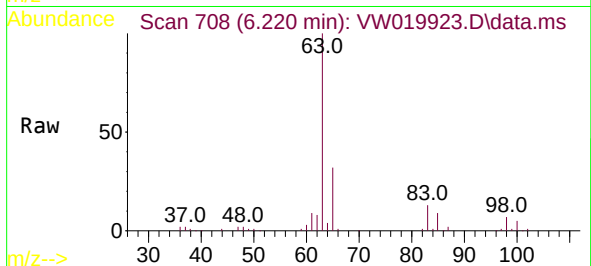
Delta R.T. -0.000 min

Lab File: VW019923.D

Acq: 27 Aug 2021 08:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 63    | Resp: | 225915 |
| Ion      | Ratio | Lower | Upper  |
| 63       | 100   |       |        |
| 65       | 31.5  | 22.9  | 42.5   |
| 83       | 13.1  | 10.2  | 19.0   |

Instrument :  
MSVOA\_W  
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 23.991 ug/L

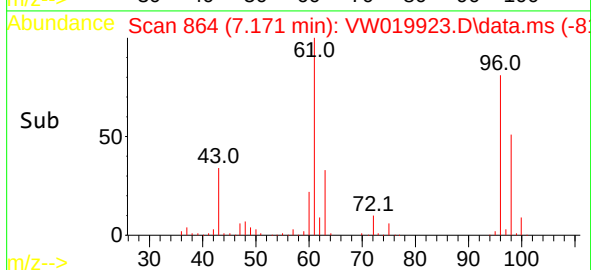
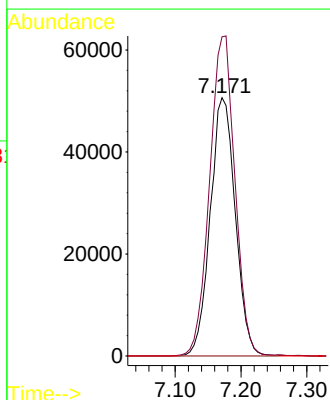
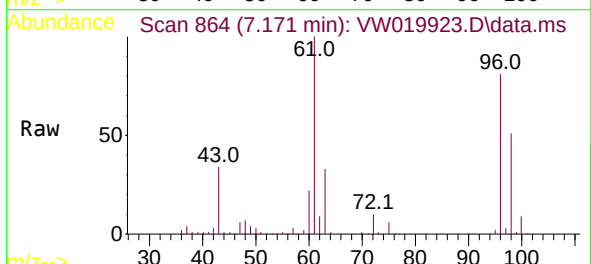
RT: 7.171 min Scan# 864

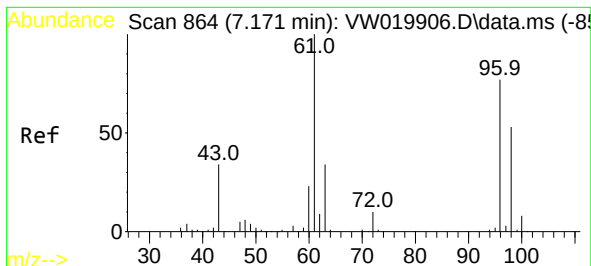
Delta R.T. -0.000 min

Lab File: VW019923.D

Acq: 27 Aug 2021 08:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 134255 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 123.6 | 88.5  | 164.3  |
| 68       | 0.0   | 0.0   | 0.0    |

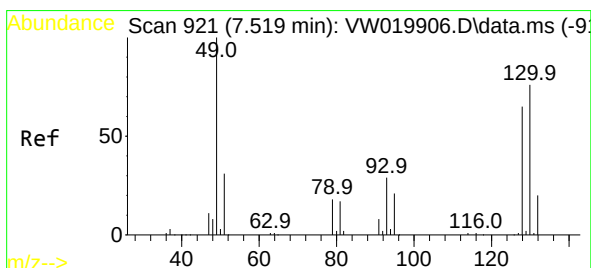
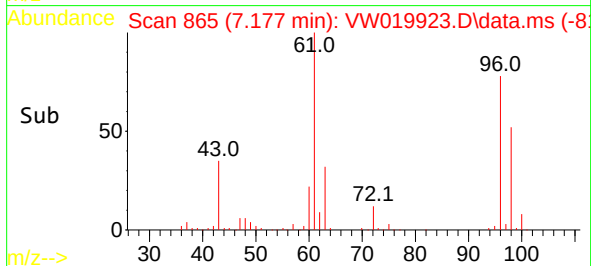
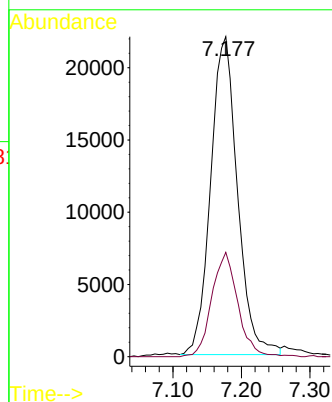
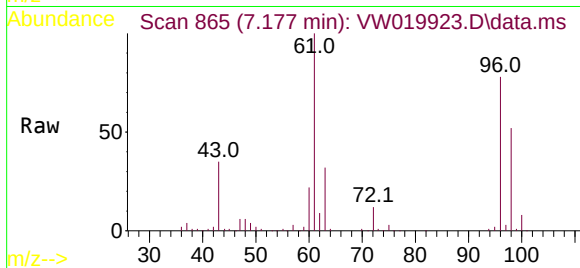




#22  
2-Butanone  
Concen: 44.269 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. 0.006 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

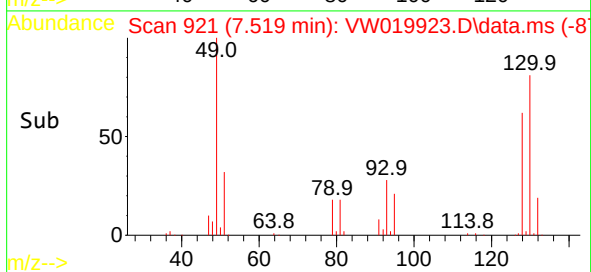
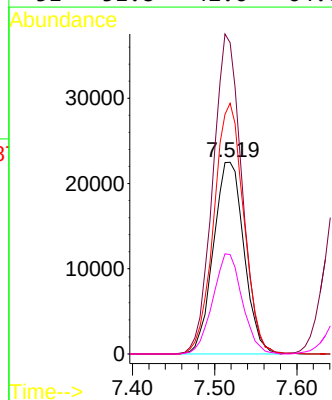
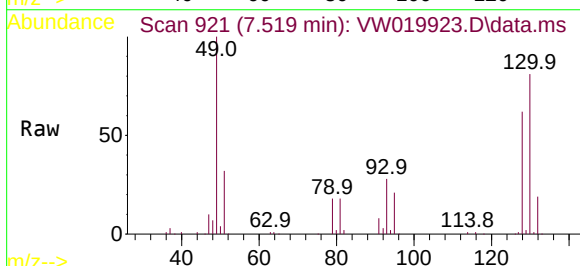
Instrument :  
MSVOA\_W  
ClientSampled :

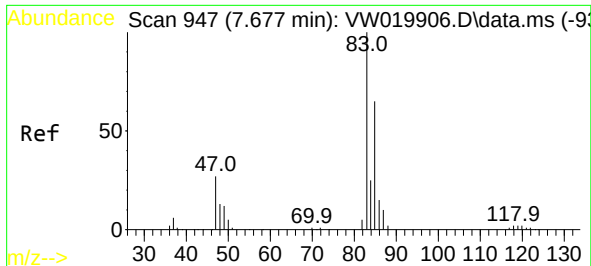
Tgt Ion: 43 Resp: 59899  
Ion Ratio Lower Upper  
43 100  
72 31.5 14.9 44.7



#23  
Bromochloromethane  
Concen: 23.215 ug/L  
RT: 7.519 min Scan# 921  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 128 Resp: 58141  
Ion Ratio Lower Upper  
128 100  
49 162.3 116.3 215.9  
130 130.7 82.4 153.0  
51 51.8 42.6 64.0

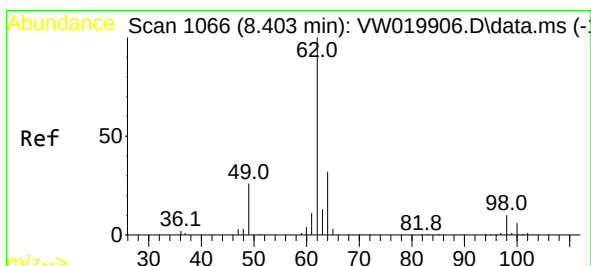
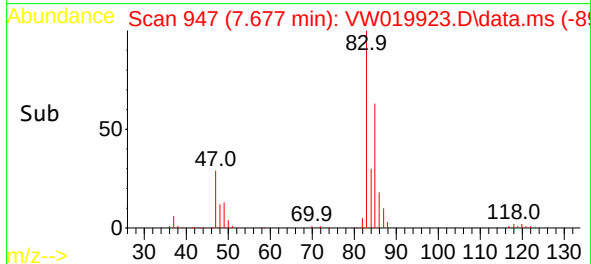
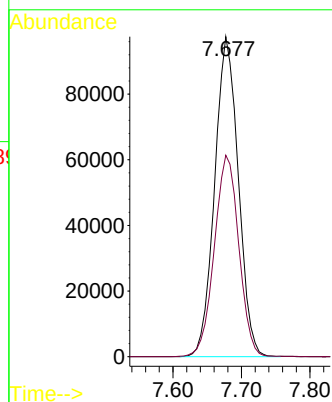
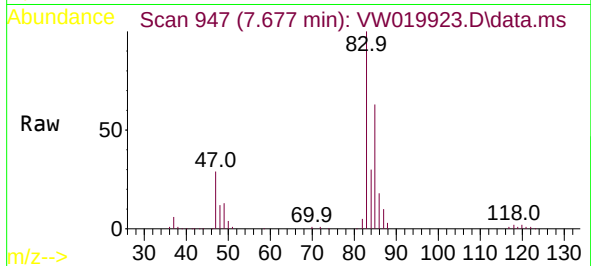




#25  
Chloroform  
Concen: 23.042 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

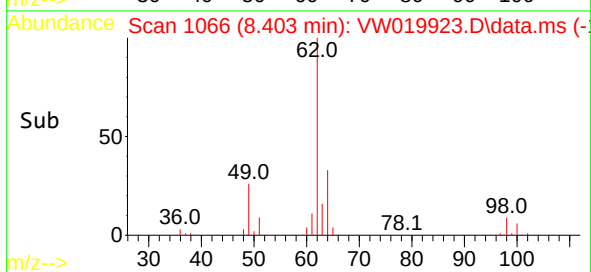
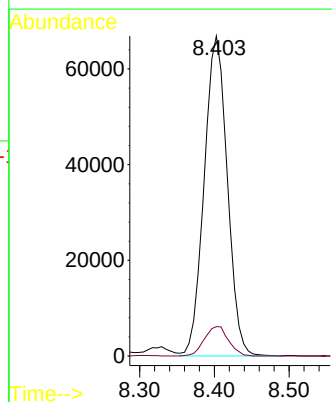
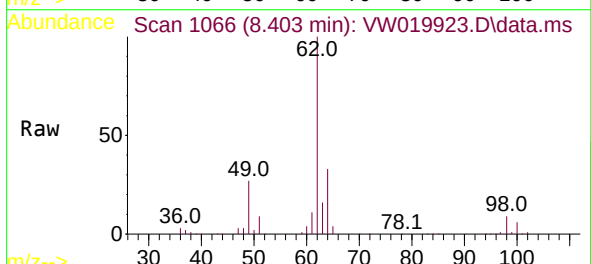
Instrument :  
MSVOA\_W  
ClientSampled :

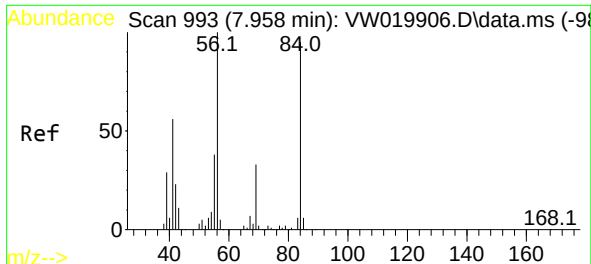
Tgt Ion: 83 Resp: 233617  
Ion Ratio Lower Upper  
83 100  
85 63.0 44.6 82.8



#27  
1,2-Dichloroethane  
Concen: 21.752 ug/L  
RT: 8.403 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

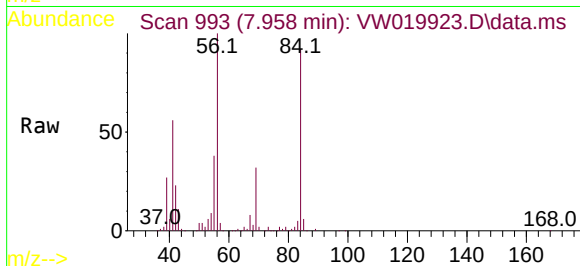
Tgt Ion: 62 Resp: 143866  
Ion Ratio Lower Upper  
62 100  
98 9.1 6.9 10.3



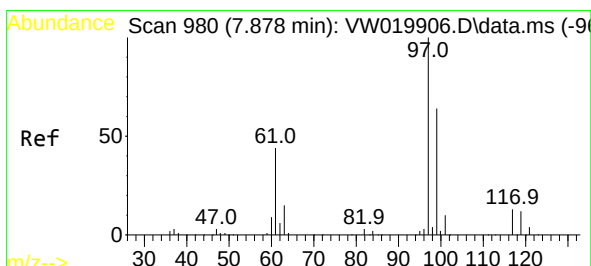
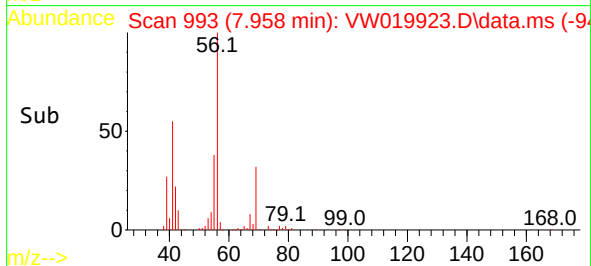
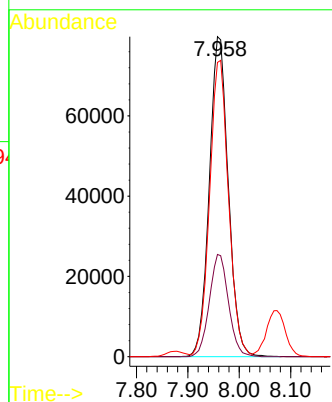


#29  
Cyclohexane  
Concen: 24.550 ug/L  
RT: 7.958 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Instrument :  
MSVOA\_W  
ClientSampleId :

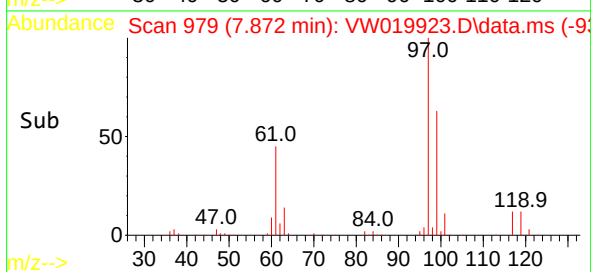
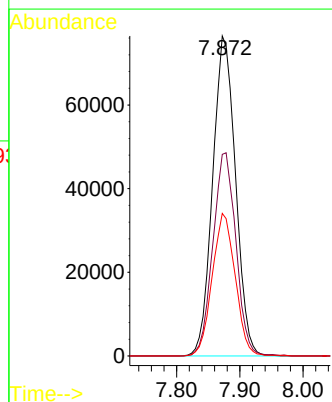
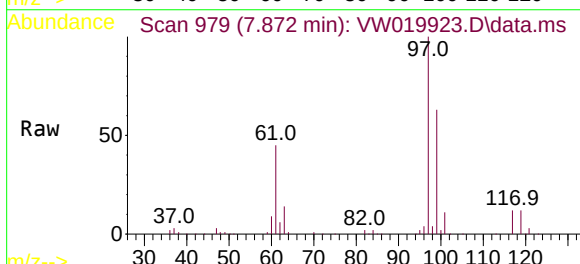


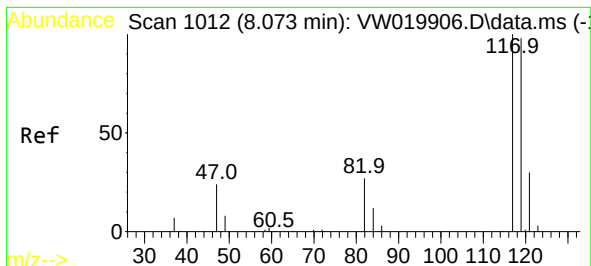
Tgt Ion: 56 Resp: 204589  
Ion Ratio Lower Upper  
56 100  
69 32.1 24.5 36.7  
84 92.5 75.0 112.4



#30  
1,1,1-Trichloroethane  
Concen: 24.211 ug/L  
RT: 7.872 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 97 Resp: 192020  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.4 77.2  
61 44.6 37.8 56.6

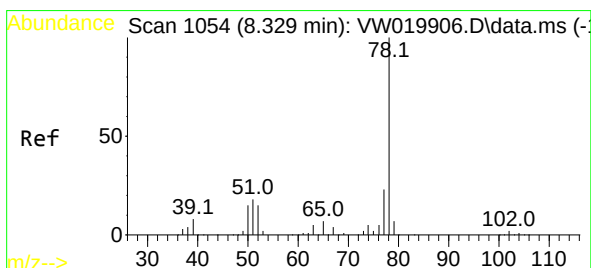
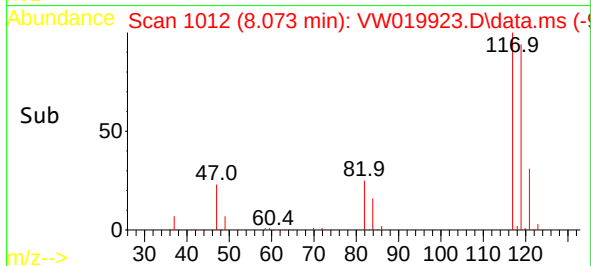
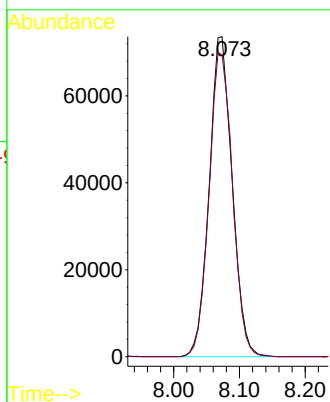
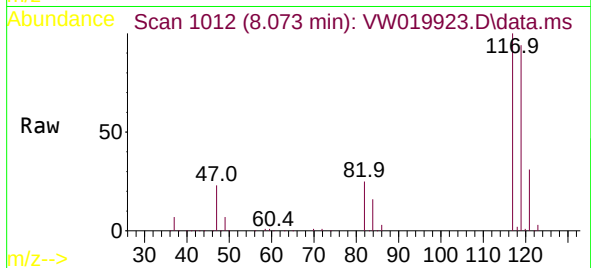




#31  
Carbon tetrachloride  
Concen: 24.203 ug/L  
RT: 8.073 min Scan# 1012  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

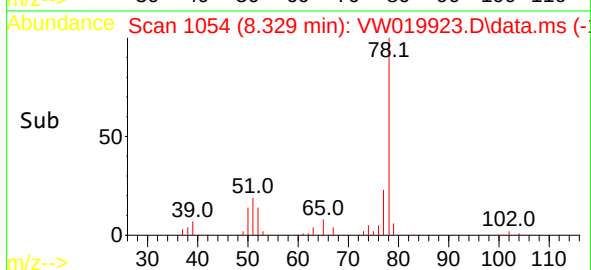
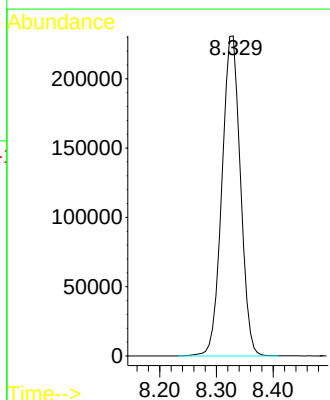
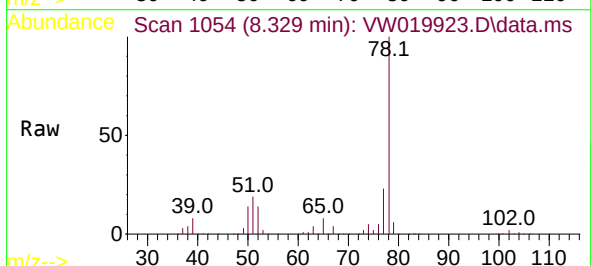
Instrument :  
MSVOA\_W  
ClientSampled :

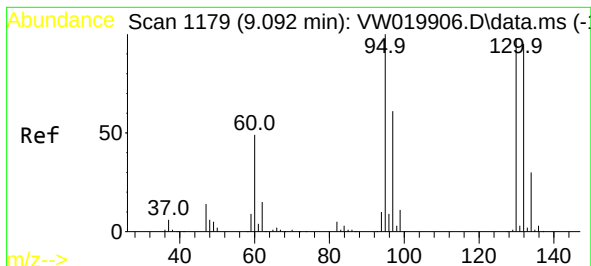
Tgt Ion:117 Resp: 178942  
Ion Ratio Lower Upper  
117 100  
119 96.9 76.5 114.7



#33  
Benzene  
Concen: 24.054 ug/L  
RT: 8.329 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 78 Resp: 523892

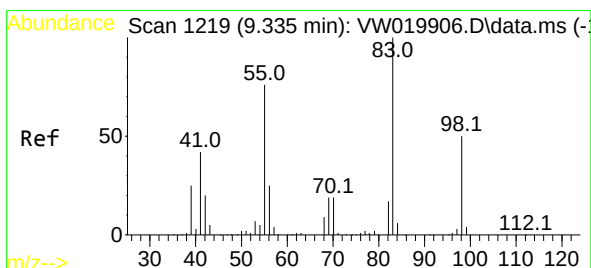
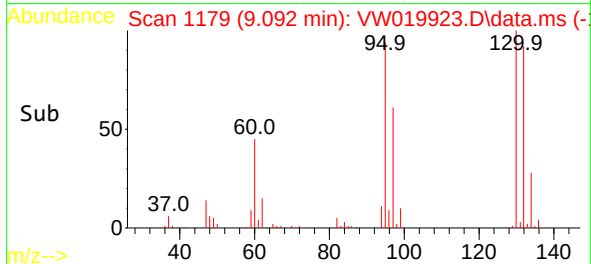
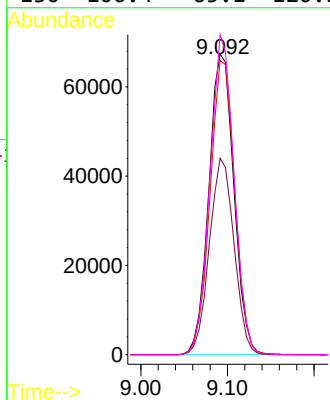
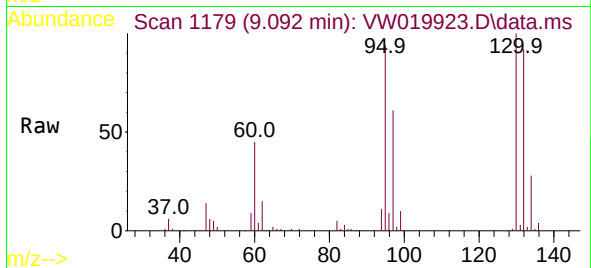




#34  
Trichloroethene  
Concen: 23.913 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

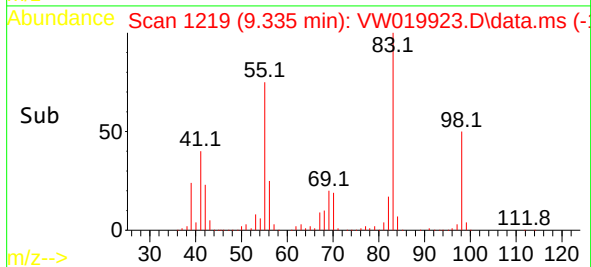
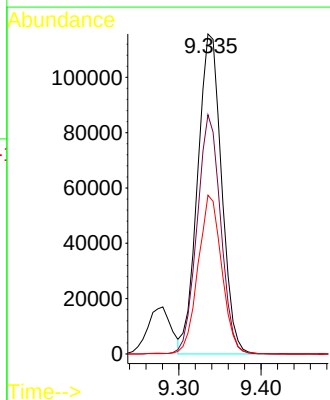
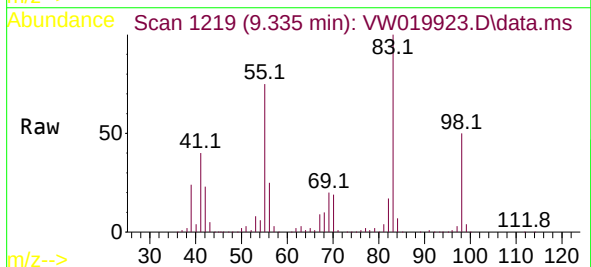
Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 95 Resp: 135397  
Ion Ratio Lower Upper  
95 100  
97 65.3 47.3 87.8  
132 97.8 71.0 131.8  
130 106.4 65.1 120.9

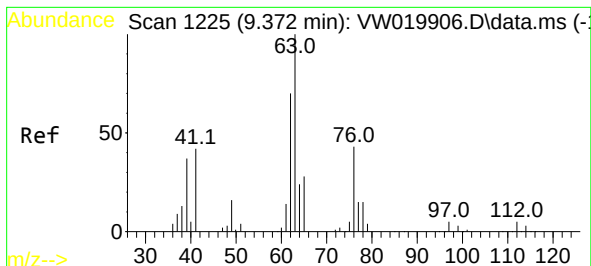


#35  
Methylcyclohexane  
Concen: 24.105 ug/L  
RT: 9.335 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 83 Resp: 234104  
Ion Ratio Lower Upper  
83 100  
55 73.5 58.9 88.3  
98 49.0 40.1 60.1



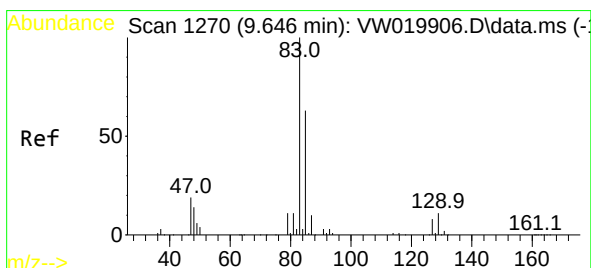
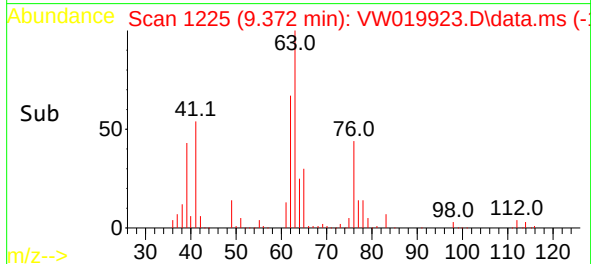
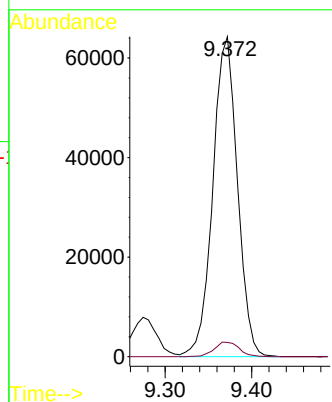
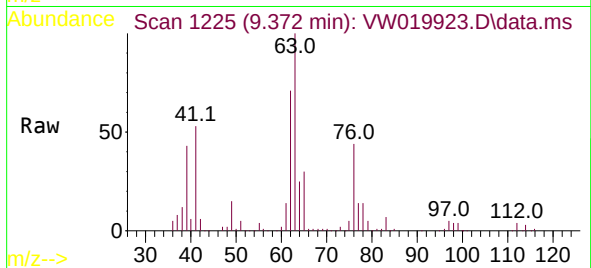




#37  
1,2-Dichloropropane  
Concen: 23.526 ug/L  
RT: 9.372 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

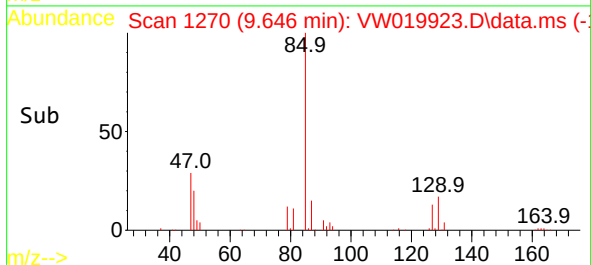
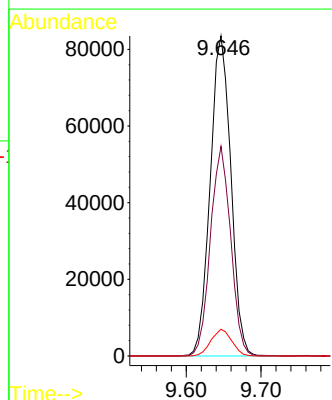
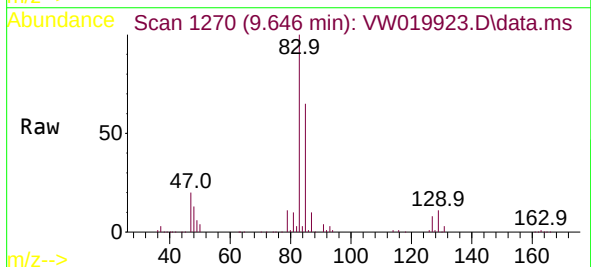
Instrument :  
MSVOA\_W  
ClientSampled :

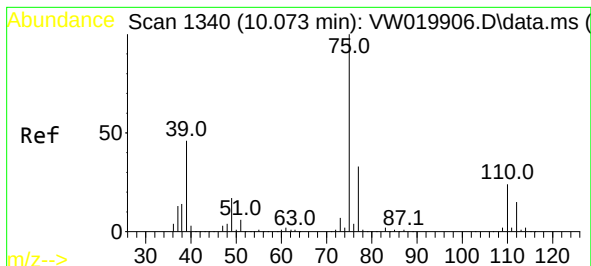
Tgt Ion: 63 Resp: 126903  
Ion Ratio Lower Upper  
63 100  
112 4.6 3.9 5.9



#38  
Bromodichloromethane  
Concen: 22.946 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 83 Resp: 160346  
Ion Ratio Lower Upper  
83 100  
85 65.5 42.3 78.5  
127 8.3 6.6 9.8

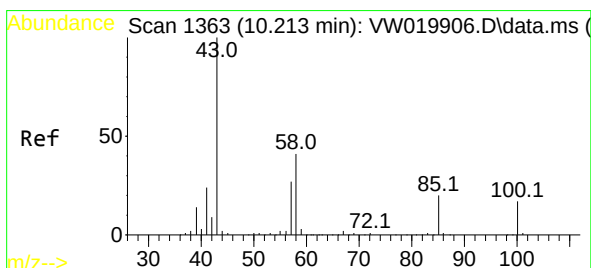
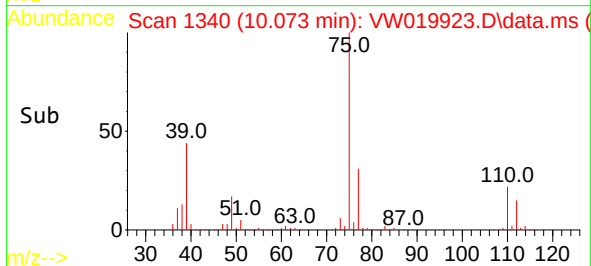
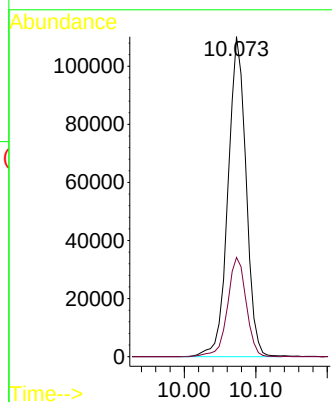
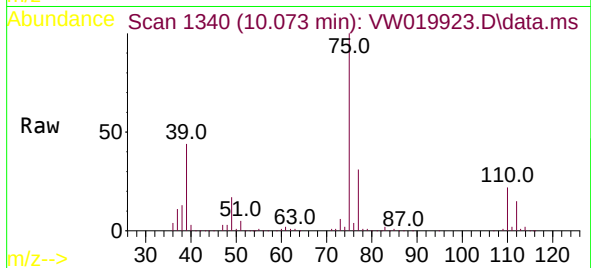




#39  
cis-1,3-Dichloropropene  
Concen: 24.290 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

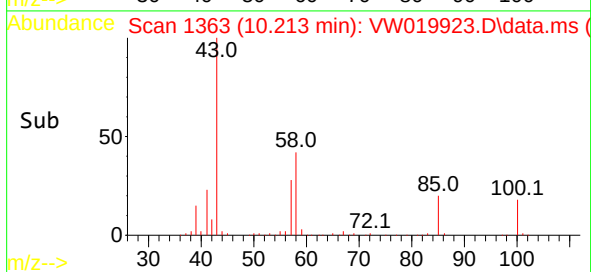
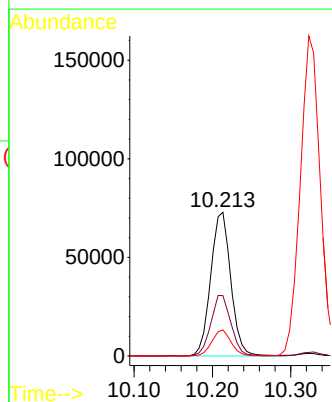
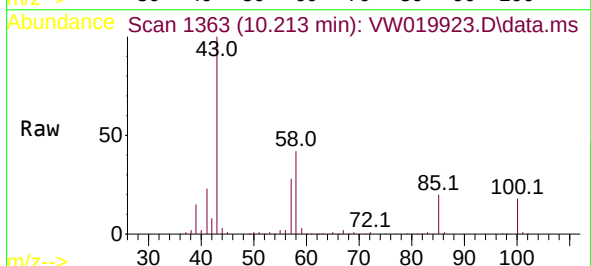
Instrument :  
MSVOA\_W  
ClientSampled :

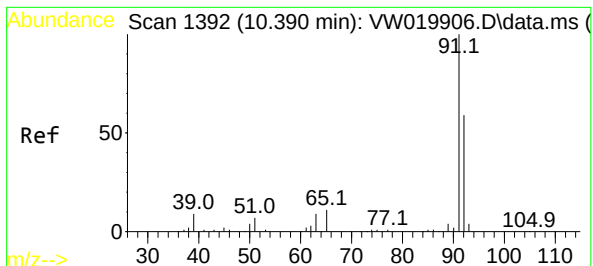
Tgt Ion: 75 Resp: 192945  
Ion Ratio Lower Upper  
75 100  
77 31.0 22.6 42.0



#40  
4-Methyl-2-pentanone  
Concen: 45.265 ug/L  
RT: 10.213 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 43 Resp: 129834  
Ion Ratio Lower Upper  
43 100  
58 42.1 31.0 46.4  
100 17.3 13.0 19.6

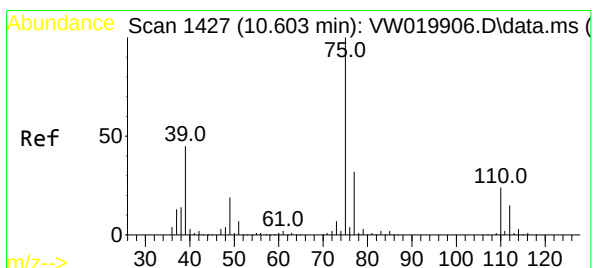
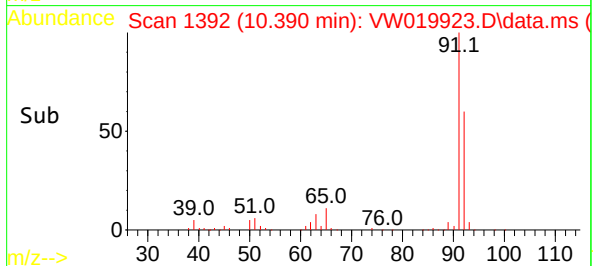
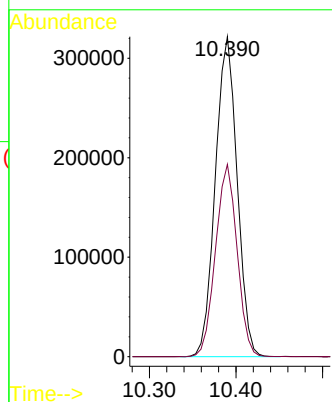
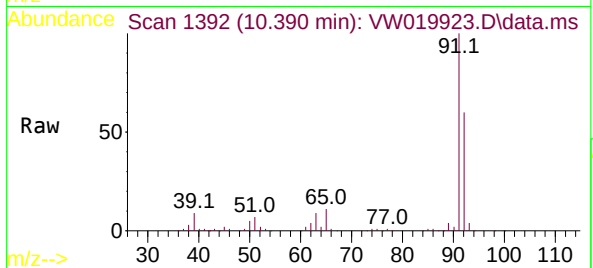




#42  
Toluene  
Concen: 24.418 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

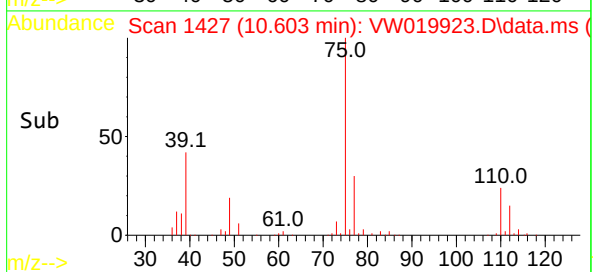
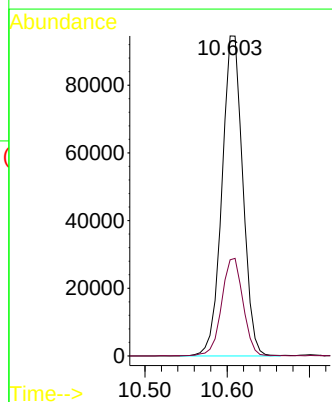
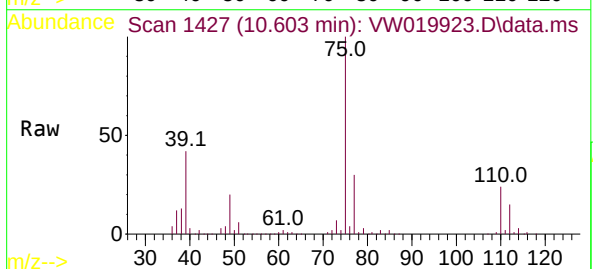
Instrument :  
MSVOA\_W  
ClientSampled :

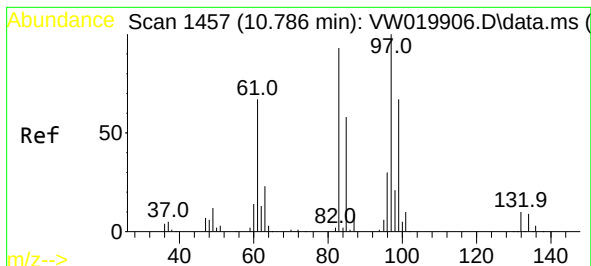
Tgt Ion: 91 Resp: 563354  
Ion Ratio Lower Upper  
91 100  
92 60.1 39.5 73.3



#44  
trans-1,3-Dichloropropene  
Concen: 23.813 ug/L  
RT: 10.603 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 75 Resp: 166499  
Ion Ratio Lower Upper  
75 100  
77 30.0 21.1 39.1

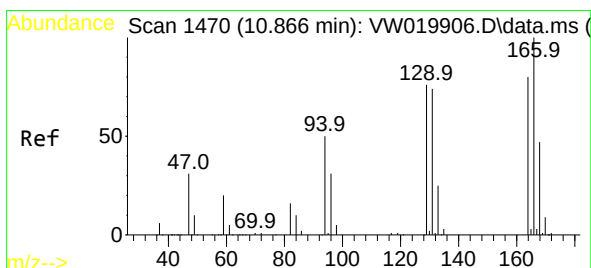
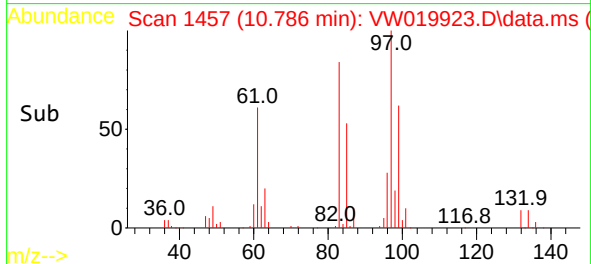
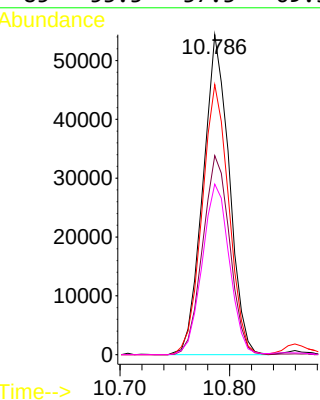
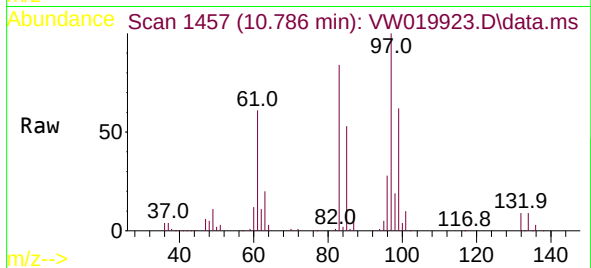




#45  
1,1,2-Trichloroethane  
Concen: 23.156 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

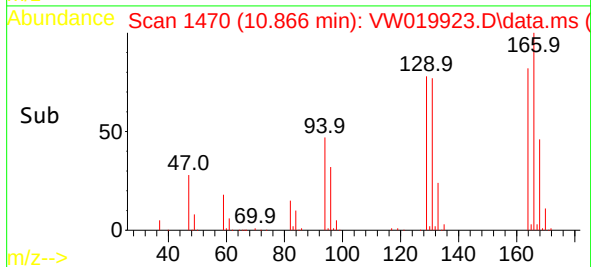
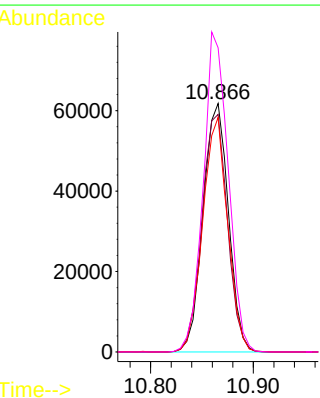
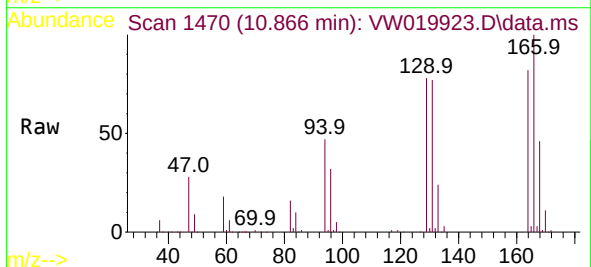
Instrument :  
MSVOA\_W  
ClientSampled :

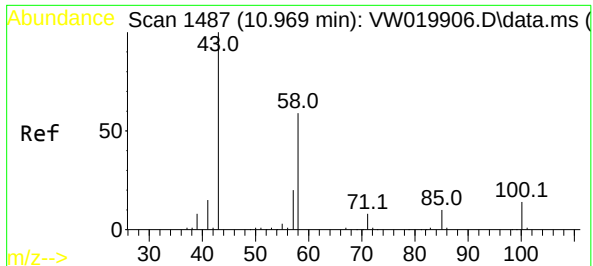
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 90426 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 62.2  | 45.1  | 83.7  |
| 83       | 84.4  | 58.1  | 107.9 |
| 85       | 53.3  | 37.3  | 69.3  |



#46  
Tetrachloroethene  
Concen: 24.672 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 105816 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 95.6  | 66.7  | 123.9  |
| 131      | 94.4  | 61.1  | 113.5  |
| 166      | 122.4 | 87.0  | 161.6  |

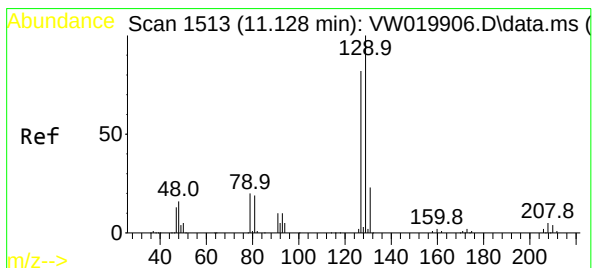
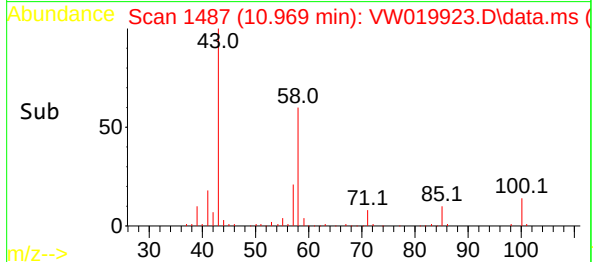
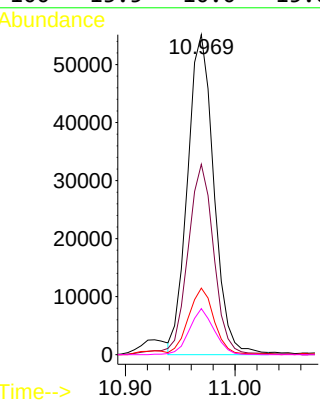
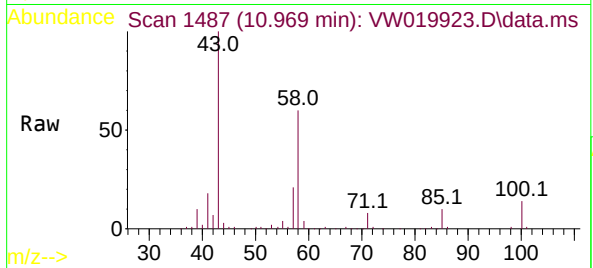




#48  
2-Hexanone  
Concen: 46.312 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

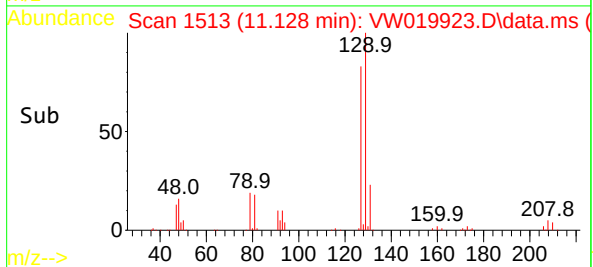
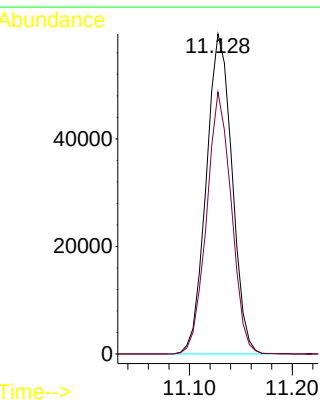
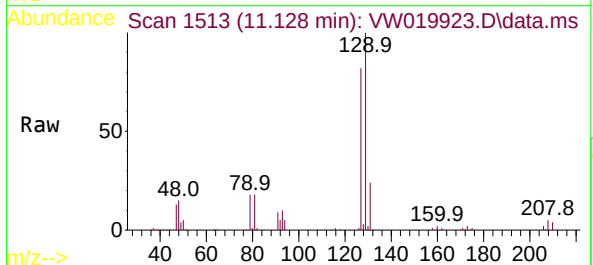
Instrument :  
MSVOA\_W  
ClientSampled :

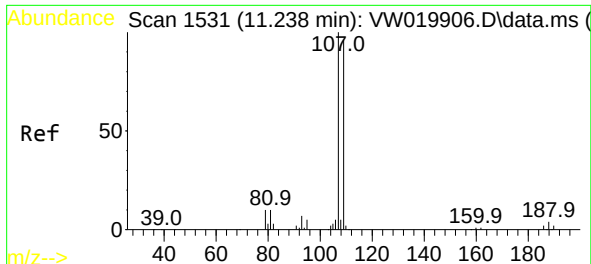
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 92470 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 59.1  | 42.7  | 64.1  |
| 57       | 20.4  | 15.8  | 23.8  |
| 100      | 13.5  | 10.0  | 15.0  |



#49  
Dibromochloromethane  
Concen: 23.232 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 129   | Resp: | 103779 |
| Ion      | Ratio | Lower | Upper  |
| 129      | 100   |       |        |
| 127      | 81.9  | 51.7  | 95.9   |

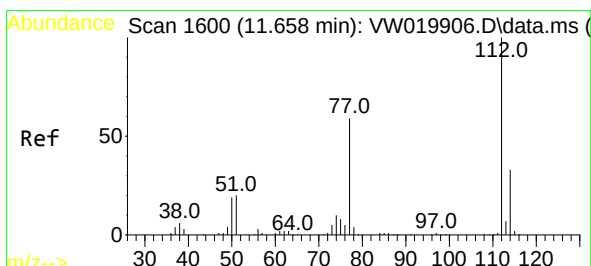
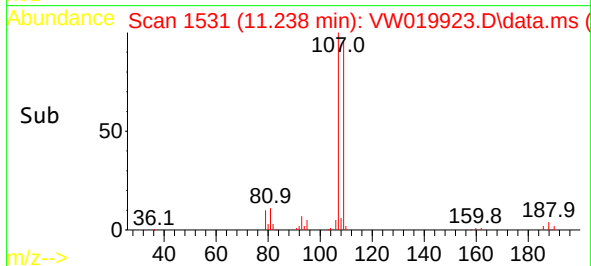
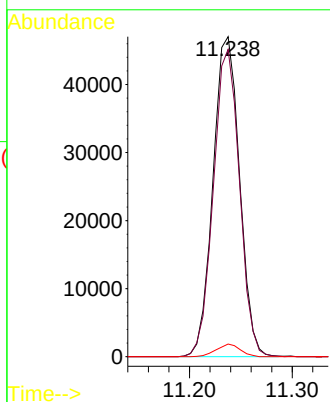
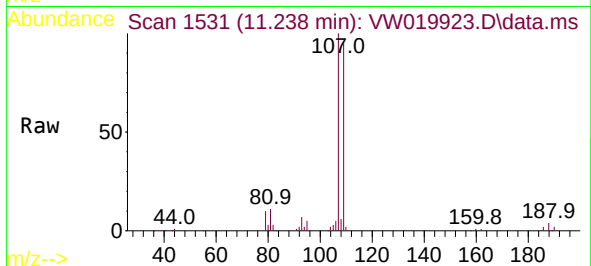




#50  
1,2-Dibromoethane  
Concen: 22.996 ug/L  
RT: 11.238 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

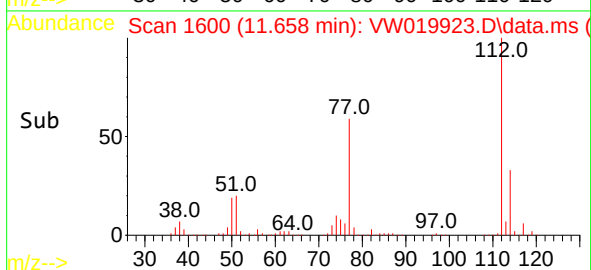
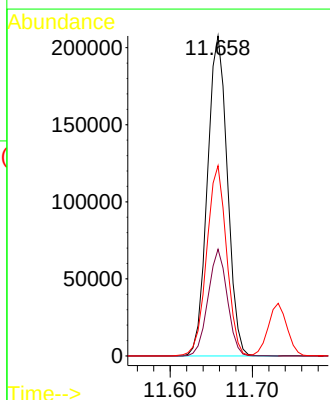
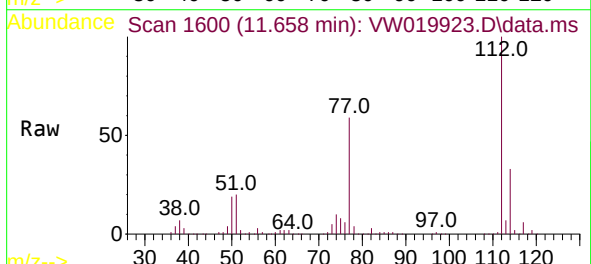
Instrument :  
MSVOA\_W  
ClientSampled :

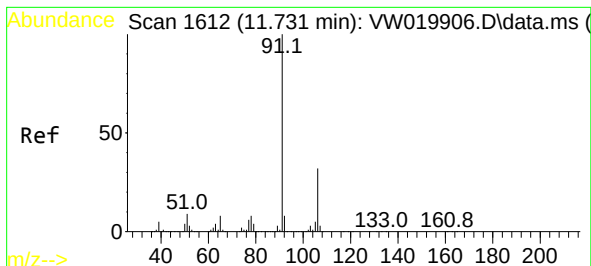
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 84346 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 109       | 96.1  | 65.4  | 121.4 |
| 188       | 3.9   | 2.6   | 4.0   |



#51  
Chlorobenzene  
Concen: 23.886 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 350013 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 114       | 33.4  | 23.4  | 43.6   |
| 77        | 59.4  | 47.6  | 71.4   |

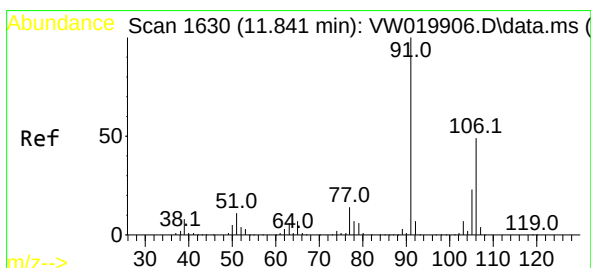
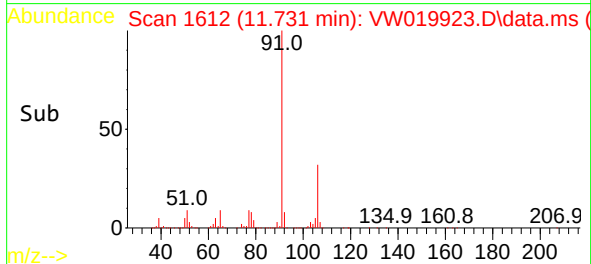
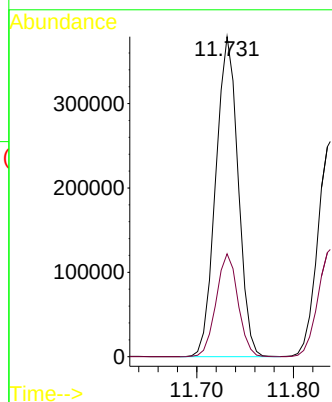
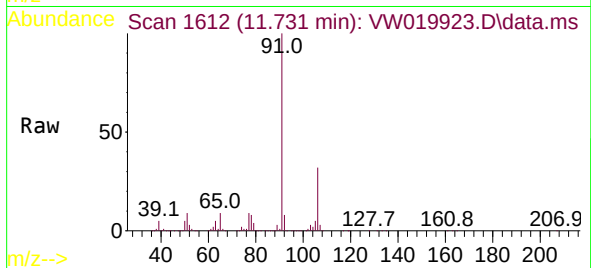




#52  
Ethylbenzene  
Concen: 24.502 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

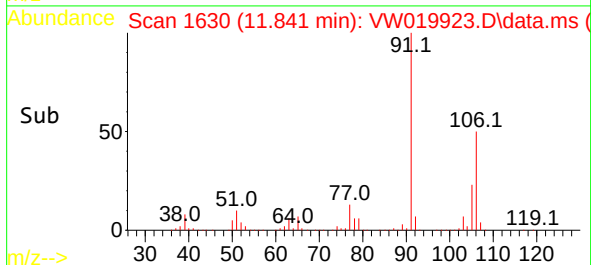
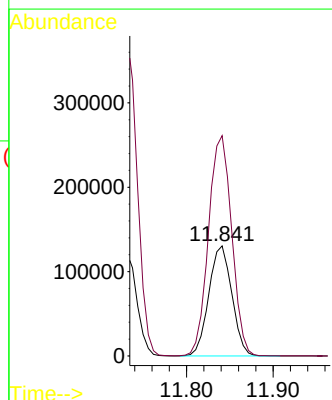
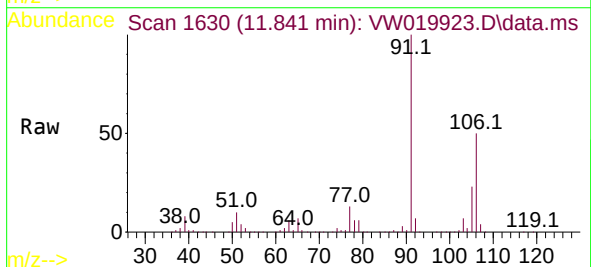
Instrument :  
MSVOA\_W  
ClientSampled :

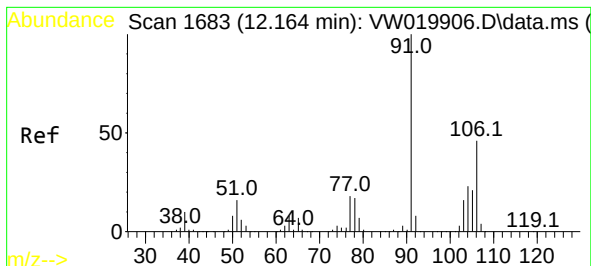
Tgt Ion: 91 Resp: 608600  
Ion Ratio Lower Upper  
91 100  
106 32.2 22.5 41.7



#53  
m,p-Xylene  
Concen: 25.258 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 106 Resp: 240926  
Ion Ratio Lower Upper  
106 100  
91 200.1 141.3 262.3

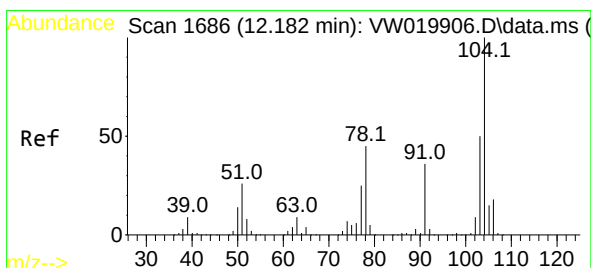
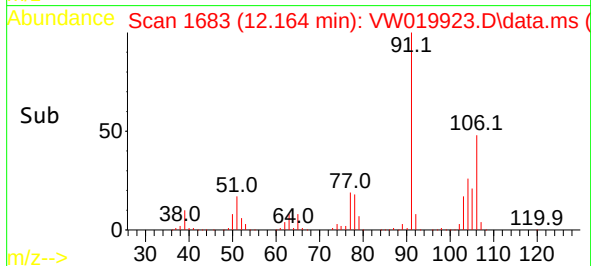
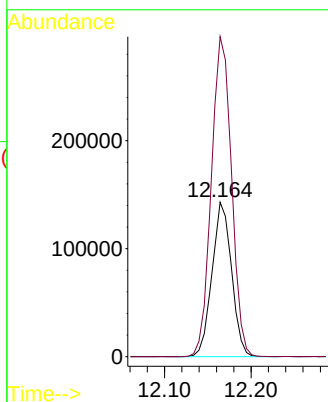
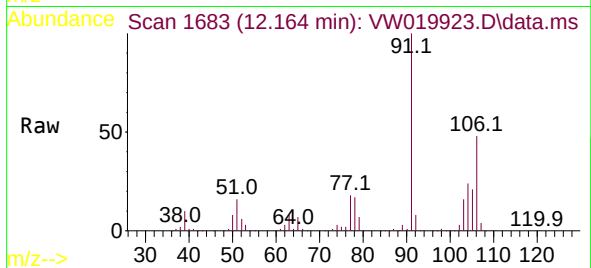




#54  
o-Xylene  
Concen: 24.816 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

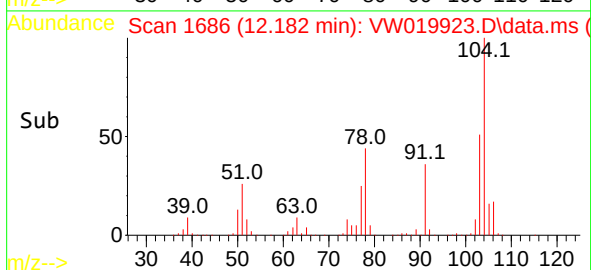
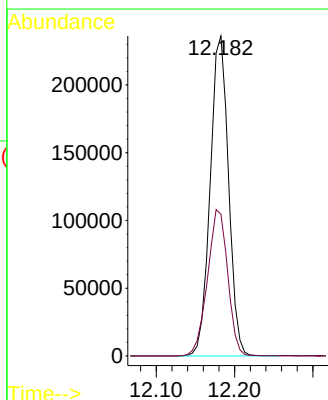
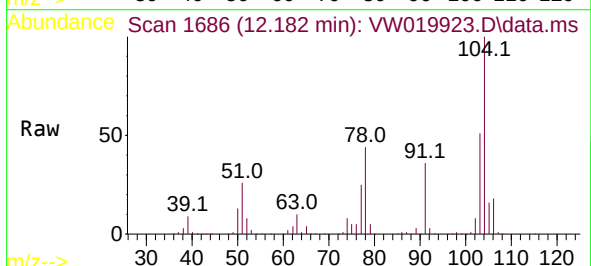
Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:106 Resp: 223916  
Ion Ratio Lower Upper  
106 100  
91 207.3 150.0 278.6

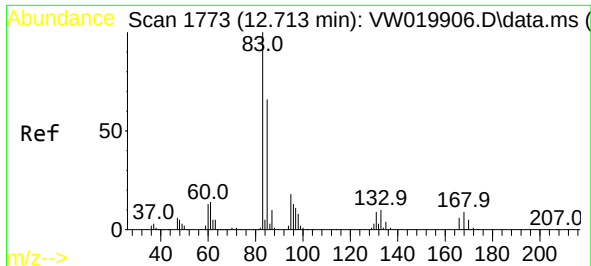


#55  
Styrene  
Concen: 24.876 ug/L  
RT: 12.182 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion:104 Resp: 383534  
Ion Ratio Lower Upper  
104 100  
78 44.3 32.5 60.3



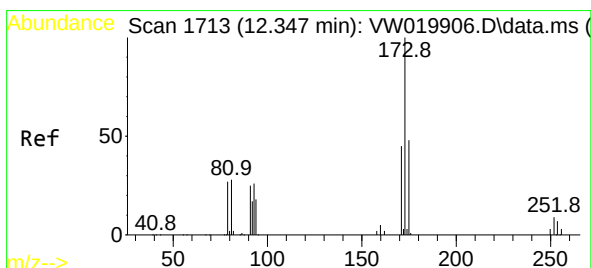
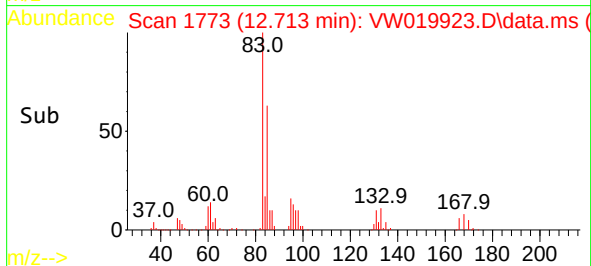
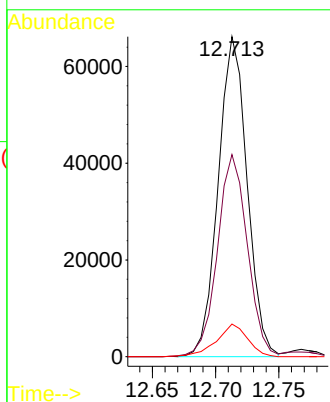
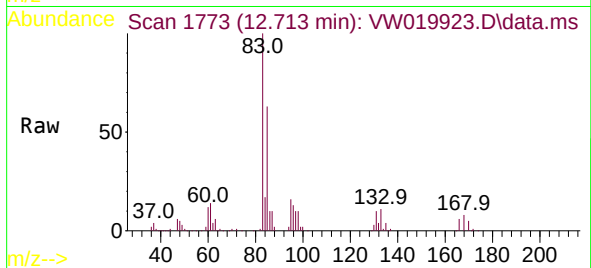




#57  
1,1,2,2-Tetrachloroethane  
Concen: 21.980 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

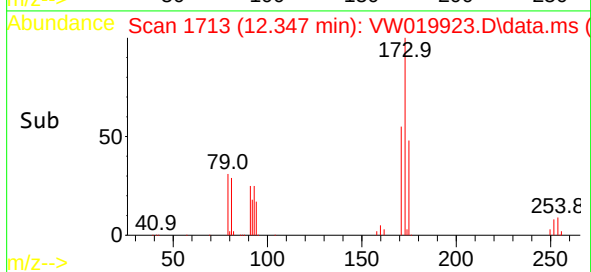
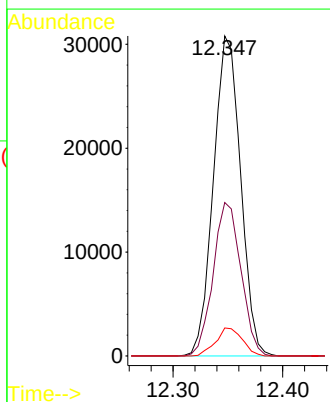
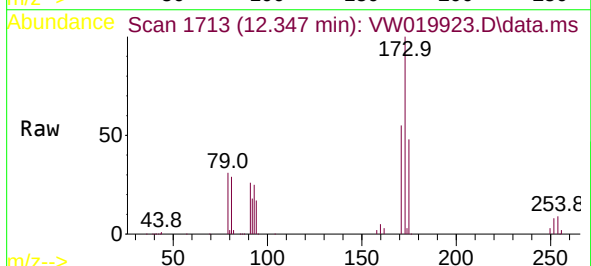
Instrument :  
MSVOA\_W  
ClientSampled :

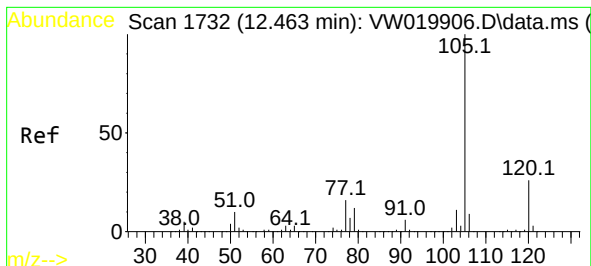
Tgt Ion: 83 Resp: 105259  
Ion Ratio Lower Upper  
83 100  
85 63.1 44.4 82.4  
131 10.2 8.2 12.4



#59  
Bromoform  
Concen: 22.531 ug/L  
RT: 12.347 min Scan# 1713  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion:173 Resp: 53046  
Ion Ratio Lower Upper  
173 100  
175 49.0 37.5 56.3  
254 8.6 7.0 10.4

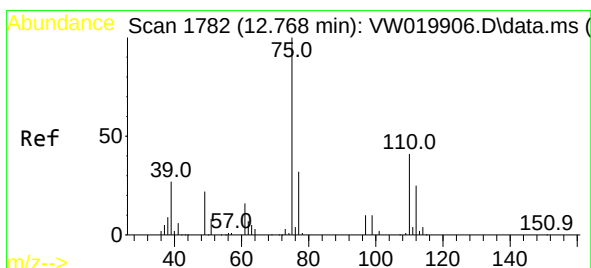
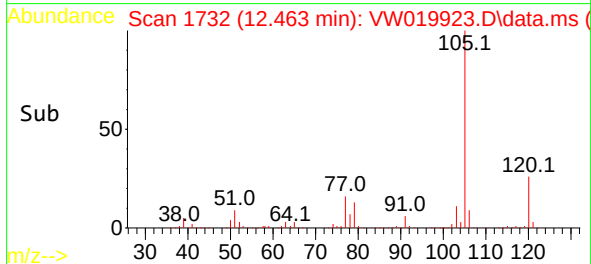
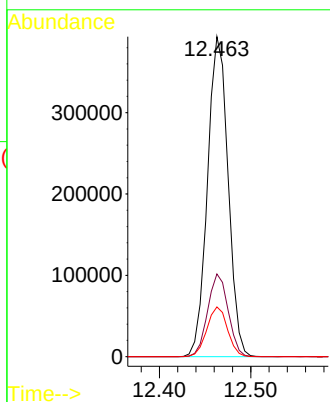
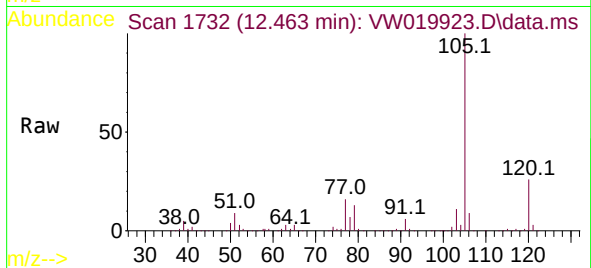




#60  
Isopropylbenzene  
Concen: 25.611 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

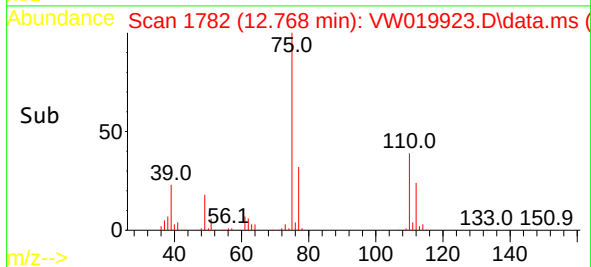
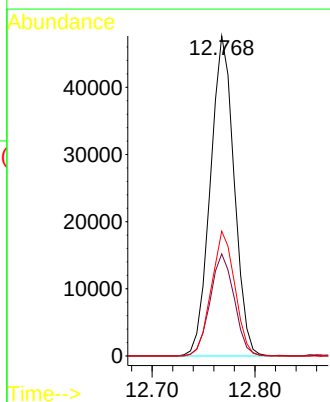
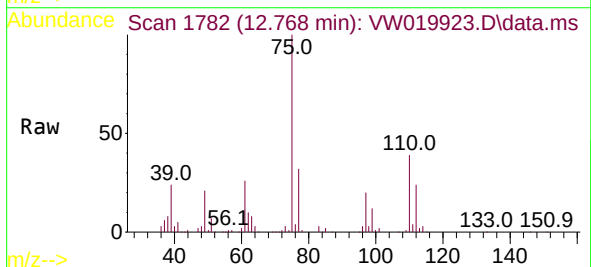
Instrument :  
MSVOA\_W  
ClientSampled :

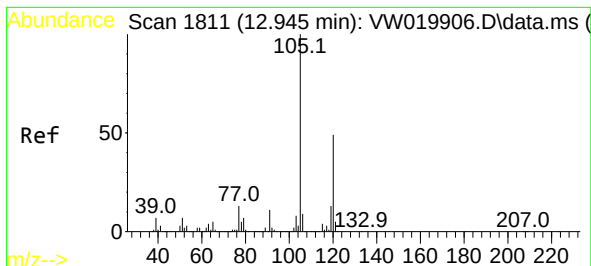
Tgt Ion:105 Resp: 615349  
Ion Ratio Lower Upper  
105 100  
120 25.7 21.1 31.7  
77 15.6 13.2 19.8



#61  
1,2,3-Trichloropropane  
Concen: 22.020 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 75 Resp: 76558  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.3 37.9  
110 38.5 32.6 48.8

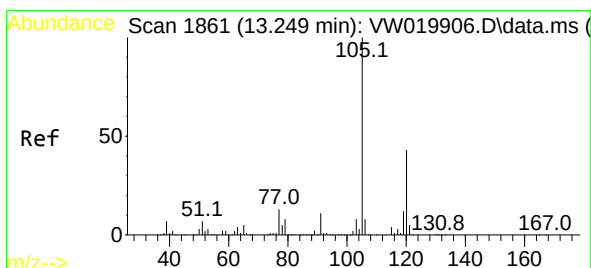
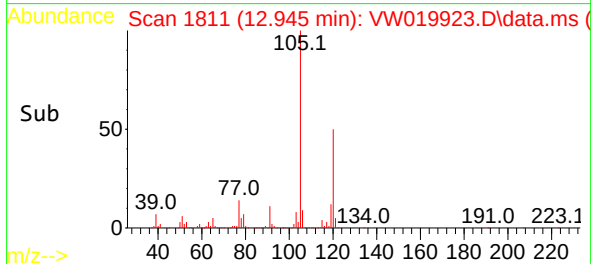
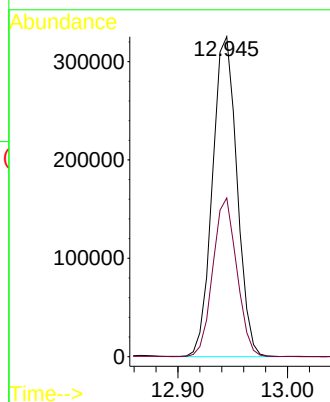
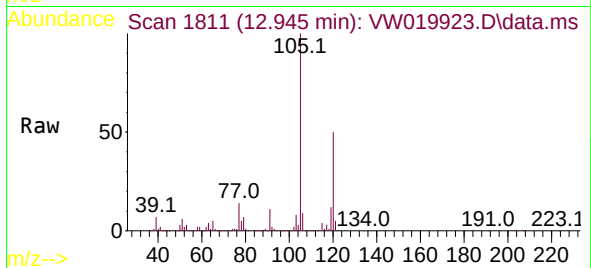




#62  
1,3,5-Trimethylbenzene  
Concen: 26.395 ug/L  
RT: 12.945 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

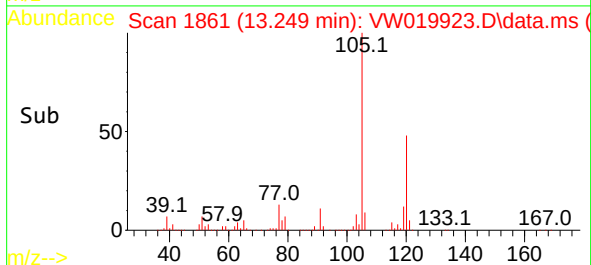
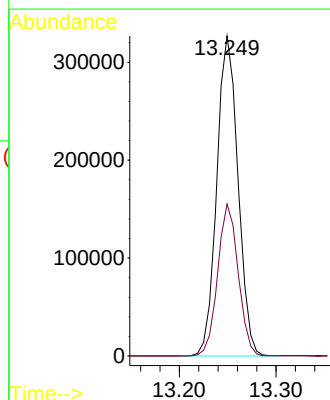
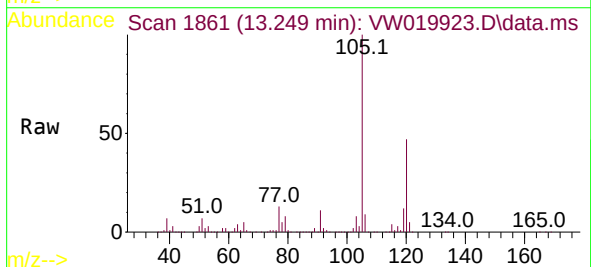
Instrument :  
MSVOA\_W  
ClientSampled :

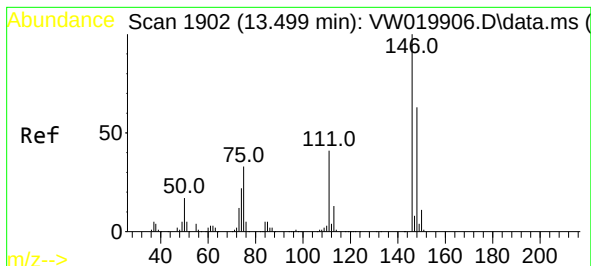
Tgt Ion:105 Resp: 506184  
Ion Ratio Lower Upper  
105 100  
120 48.3 39.0 58.6



#63  
1,2,4-Trimethylbenzene  
Concen: 25.563 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion:105 Resp: 496907  
Ion Ratio Lower Upper  
105 100  
120 45.8 35.6 53.4

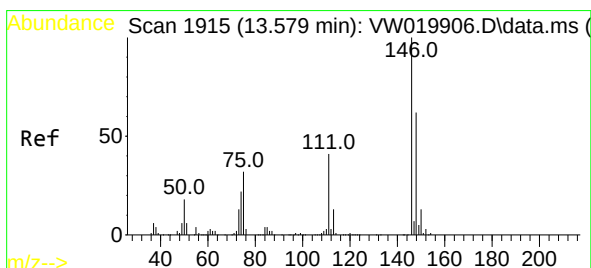
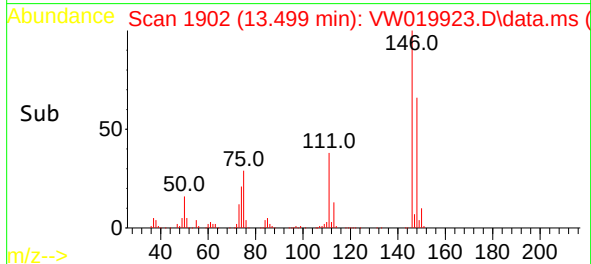
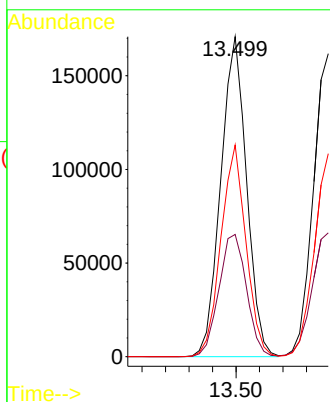
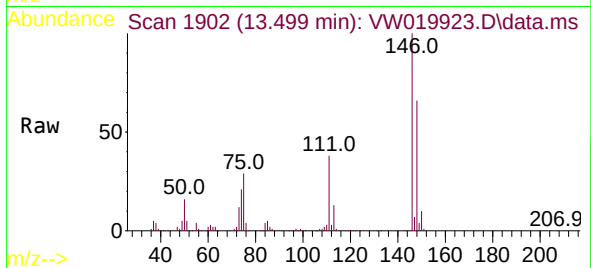




#64  
1,3-Dichlorobenzene  
Concen: 24.337 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

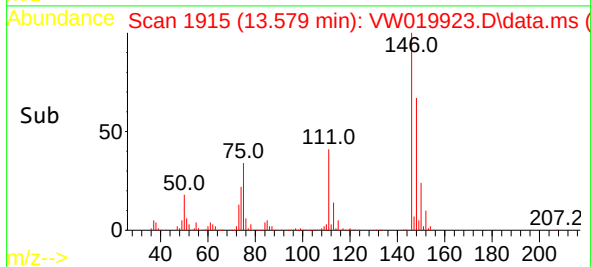
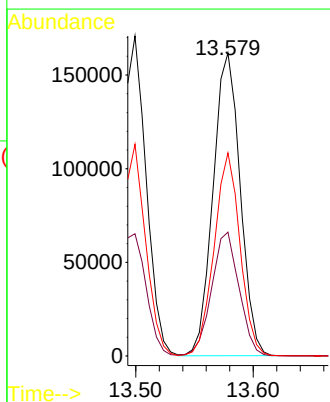
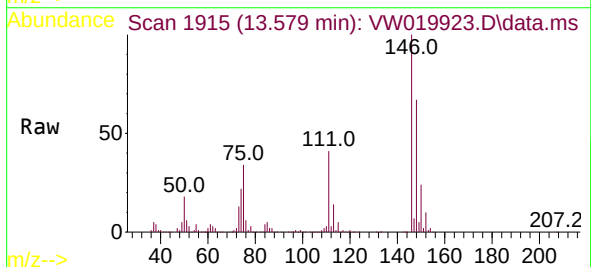
Instrument :  
MSVOA\_W  
ClientSampled :

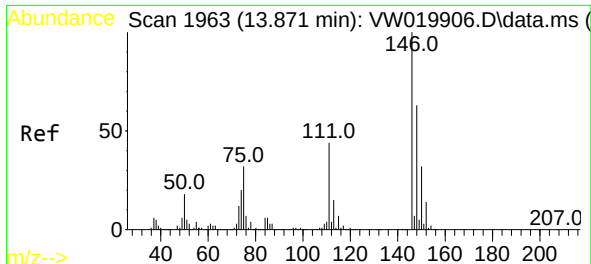
Tgt Ion:146 Resp: 260705  
Ion Ratio Lower Upper  
146 100  
111 38.2 26.7 49.7  
148 66.2 41.1 76.3



#65  
1,4-Dichlorobenzene  
Concen: 23.552 ug/L  
RT: 13.579 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion:146 Resp: 259327  
Ion Ratio Lower Upper  
146 100  
111 40.8 28.8 53.4  
148 67.0 46.8 87.0

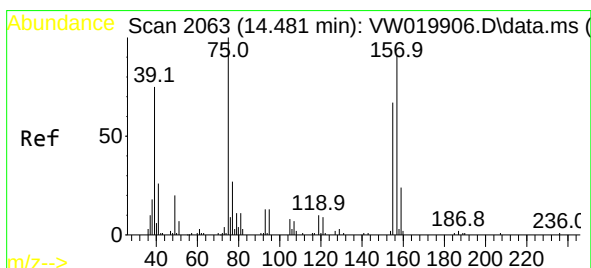
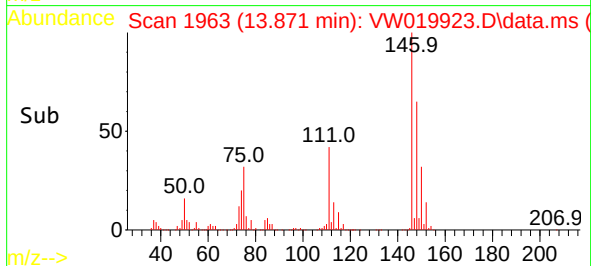
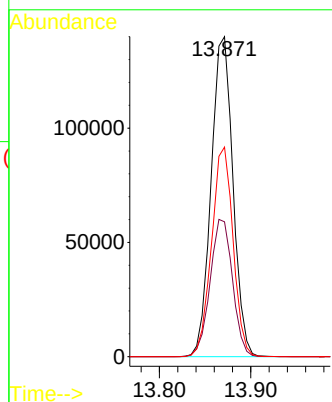
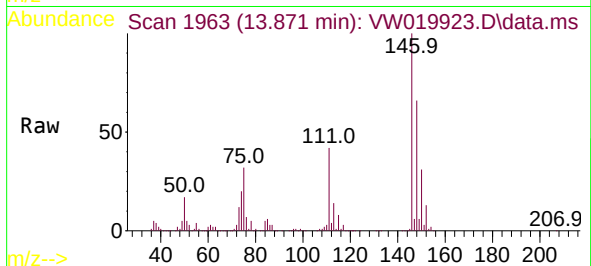




#67  
1,2-Dichlorobenzene  
Concen: 23.833 ug/L  
RT: 13.871 min Scan# 1963  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

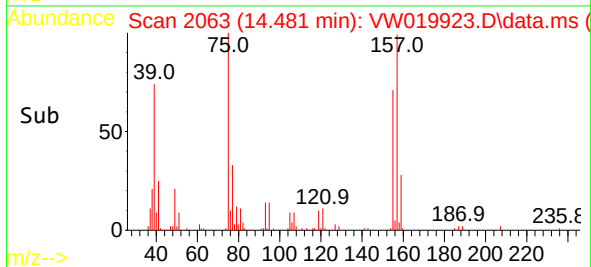
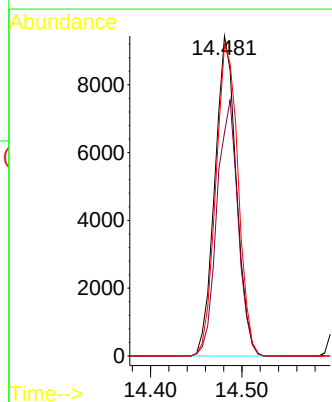
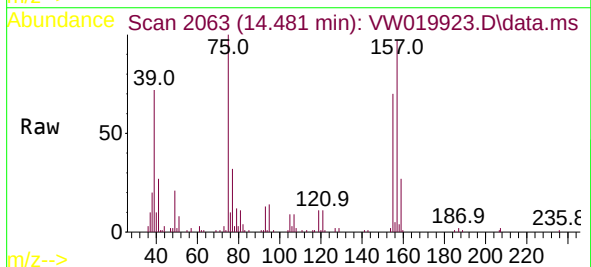
Instrument :  
MSVOA\_W  
ClientSampled :

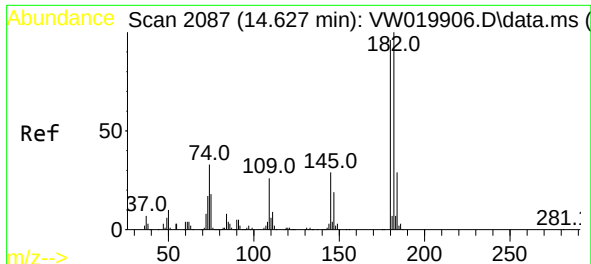
Tgt Ion:146 Resp: 231843  
Ion Ratio Lower Upper  
146 100  
111 42.2 33.2 49.8  
148 65.5 50.4 75.6



#68  
1,2-Dibromo-3-chloropropane  
Concen: 20.285 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion: 75 Resp: 15374  
Ion Ratio Lower Upper  
75 100  
155 69.8 59.4 89.0  
157 97.4 72.2 108.2

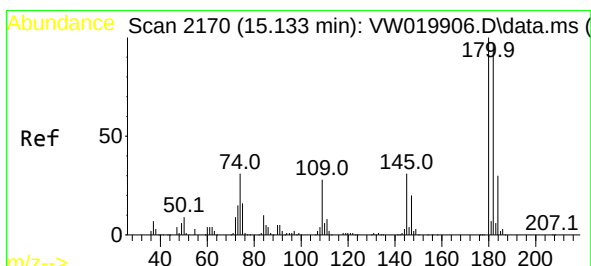
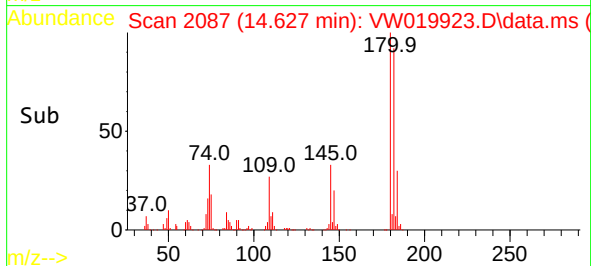
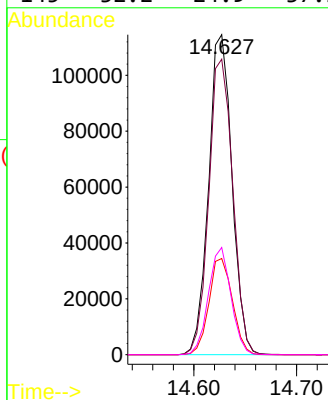
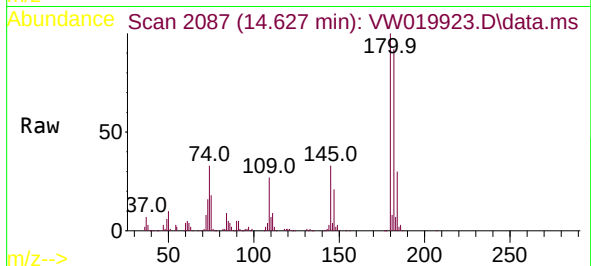




#69  
1,3,5-Trichlorobenzene  
Concen: 24.575 ug/L  
RT: 14.627 min Scan# 2087  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

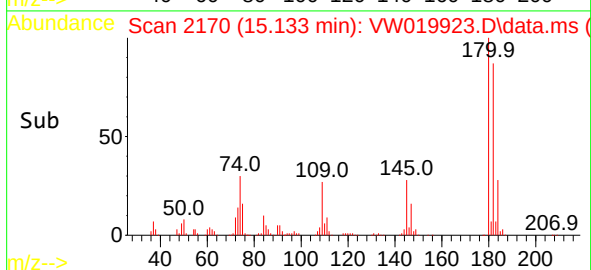
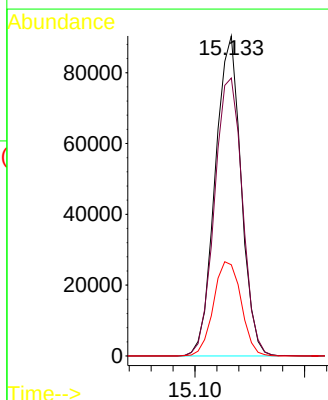
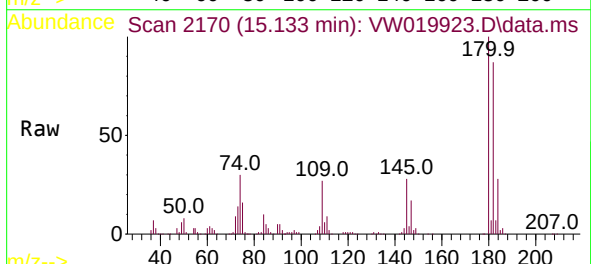
Instrument :  
MSVOA\_W  
ClientSampled :

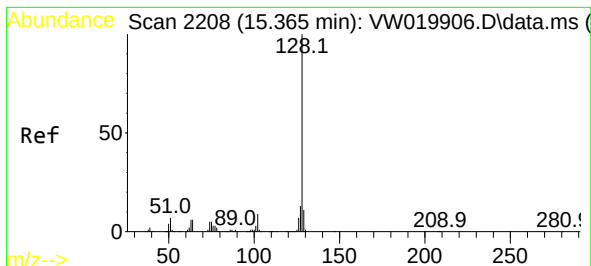
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 181386 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.5  | 73.4  | 110.2  |
| 184       | 30.2  | 23.6  | 35.4   |
| 145       | 32.2  | 24.9  | 37.3   |



#70  
1,2,4-trichlorobenzene  
Concen: 26.216 ug/L  
RT: 15.133 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 148686 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.3  | 74.7  | 112.1  |
| 145       | 31.4  | 25.0  | 37.4   |

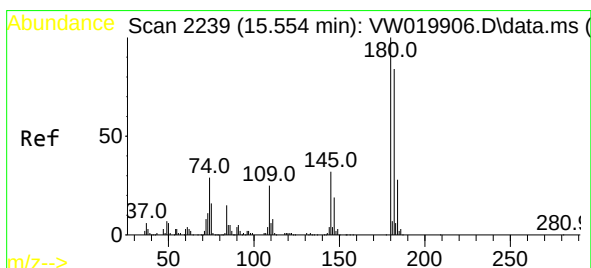
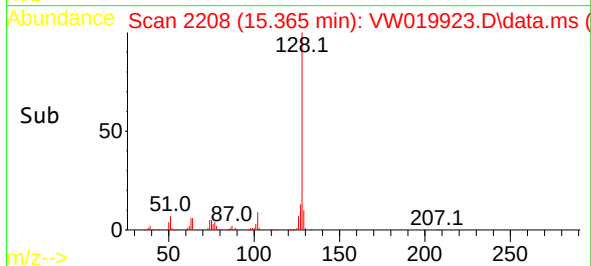
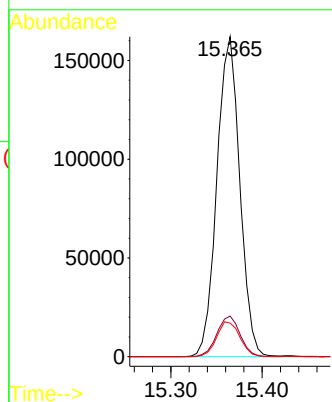
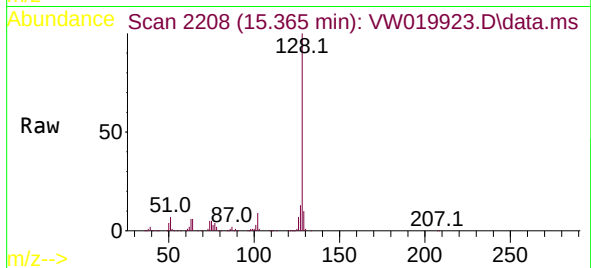




#71  
Naphthalene  
Concen: 24.947 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:128 Resp: 282192  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.6 15.8  
129 11.1 9.0 13.6



#72  
1,2,3-Trichlorobenzene  
Concen: 24.820 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. -0.000 min  
Lab File: VW019923.D  
Acq: 27 Aug 2021 08:56

Tgt Ion:180 Resp: 130349  
Ion Ratio Lower Upper  
180 100  
182 93.5 76.7 115.1  
145 32.5 28.9 43.3

