

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072121\  
 Data File : VW019542.D  
 Acq On : 21 Jul 2021 18:41  
 Operator : SY/VA  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 22 01:03:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jul 22 00:59:45 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 448113   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 421024   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 215666   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 132925   | 20.936   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.760%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 101914   | 22.509   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 90.040%  |
| 11) 1,1-Dichloroethene-d2     | 4.032  | 63    | 268906   | 21.950   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 87.800%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 96359    | 52.289   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 104.580% |
| 24) Chloroform-d              | 7.653  | 84    | 290983   | 23.501   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 94.000%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 160475   | 23.617   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 94.480%  |
| 32) Benzene-d6                | 8.281  | 84    | 554463   | 22.124   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 88.480%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 176761   | 22.629   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 90.520%  |
| 41) Toluene-d8                | 10.323 | 98    | 503358   | 22.277   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 89.120%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 77820    | 23.263   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 93.040%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 76383    | 52.707   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 105.420% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 157170   | 24.901   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 99.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 172896   | 22.722   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 90.880%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.014  | 85    | 132950   | 24.907   | ug/L   | 98       |
| 3) Chloromethane              | 2.221  | 50    | 120952   | 22.081   | ug/L   | 98       |
| 5) Vinyl chloride             | 2.373  | 62    | 179676   | 23.833   | ug/L   | 100      |
| 6) Bromomethane               | 2.788  | 94    | 101571   | 24.366   | ug/L   | 99       |
| 8) Chloroethane               | 2.934  | 64    | 100581   | 25.065   | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 3.270  | 101   | 113070   | 24.689   | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.074  | 101   | 145727   | 24.875   | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 4.050  | 96    | 144175   | 24.645   | ug/L   | 96       |
| 13) Acetone                   | 4.129  | 43    | 63988    | 47.124   | ug/L   | 91       |
| 14) Carbon disulfide          | 4.391  | 76    | 443526   | 23.675   | ug/L   | 99       |
| 15) Methyl Acetate            | 4.678  | 43    | 80279    | 26.563   | ug/L   | 99       |
| 16) Methylene chloride        | 4.928  | 84    | 191329   | 21.417   | ug/L   | 96       |
| 17) trans-1,2-Dichloroethene  | 5.434  | 96    | 156531   | 24.605   | ug/L   | 95       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73    | 232152   | 26.412   | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 6.220  | 63    | 296308   | 25.368   | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 172138   | 25.582   | ug/L   | 93       |
| 22) 2-Butanone                | 7.177  | 43    | 104773   | 49.866   | ug/L   | 96       |
| 23) Bromochloromethane        | 7.519  | 128   | 78469    | 25.894   | ug/L   | 88       |
| 25) Chloroform                | 7.683  | 83    | 301051   | 26.056   | ug/L   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072121\  
 Data File : VW019542.D  
 Acq On : 21 Jul 2021 18:41  
 Operator : SY/VA  
 Sample : VSTDCCC025EC  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

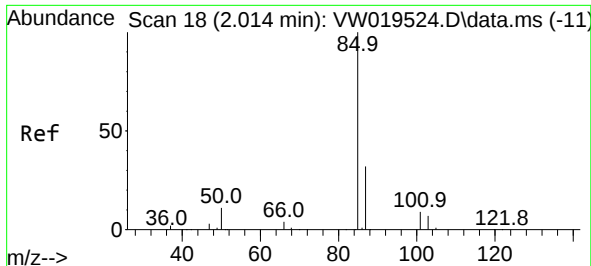
Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 22 01:03:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jul 22 00:59:45 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 203855   | 26.224 | ug/L   | 97       |
| 29) Cyclohexane               | 7.958  | 56   | 265480   | 24.589 | ug/L   | 93       |
| 30) 1,1,1-Trichloroethane     | 7.878  | 97   | 219704   | 25.284 | ug/L   | 100      |
| 31) Carbon tetrachloride      | 8.067  | 117  | 202300   | 25.023 | ug/L   | 99       |
| 33) Benzene                   | 8.323  | 78   | 661399   | 25.098 | ug/L   | 100      |
| 34) Trichloroethene           | 9.098  | 95   | 168264   | 25.017 | ug/L   | 92       |
| 35) Methylcyclohexane         | 9.335  | 83   | 293586   | 24.666 | ug/L   | 95       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 170830   | 25.580 | ug/L   | 98       |
| 38) Bromodichloromethane      | 9.646  | 83   | 214816   | 25.941 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 263780   | 25.828 | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 229228   | 54.383 | ug/L   | 96       |
| 42) Toluene                   | 10.390 | 91   | 714814   | 26.024 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 10.610 | 75   | 230878   | 25.700 | ug/L   | 96       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 131368   | 26.437 | ug/L   | 97       |
| 46) Tetrachloroethene         | 10.860 | 164  | 126812   | 24.738 | ug/L   | 96       |
| 48) 2-Hexanone                | 10.969 | 43   | 160272   | 55.828 | ug/L   | 96       |
| 49) Dibromochloromethane      | 11.128 | 129  | 140222   | 26.240 | ug/L   | 99       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 126201   | 26.479 | ug/L   | 95       |
| 51) Chlorobenzene             | 11.658 | 112  | 436471   | 25.270 | ug/L   | 98       |
| 52) Ethylbenzene              | 11.731 | 91   | 769223   | 25.724 | ug/L   | 96       |
| 53) m,p-Xylene                | 11.841 | 106  | 290326   | 25.691 | ug/L   | 98       |
| 54) o-Xylene                  | 12.164 | 106  | 281685   | 26.378 | ug/L   | 98       |
| 55) Styrene                   | 12.183 | 104  | 486224   | 26.278 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 163644   | 26.742 | ug/L   | 99       |
| 59) Bromoform                 | 12.347 | 173  | 80605    | 26.185 | ug/L # | 96       |
| 60) Isopropylbenzene          | 12.463 | 105  | 741841   | 25.595 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 122848   | 26.003 | ug/L   | 96       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 626564   | 25.818 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 632406   | 25.862 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 330993   | 24.955 | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 337885   | 25.781 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 301638   | 25.244 | ug/L   | 94       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 27114    | 26.300 | ug/L   | 96       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 236508   | 24.404 | ug/L   | 95       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 198617   | 24.513 | ug/L   | 98       |
| 71) Naphthalene               | 15.365 | 128  | 441660   | 26.989 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 190158   | 26.207 | ug/L   | 95       |

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

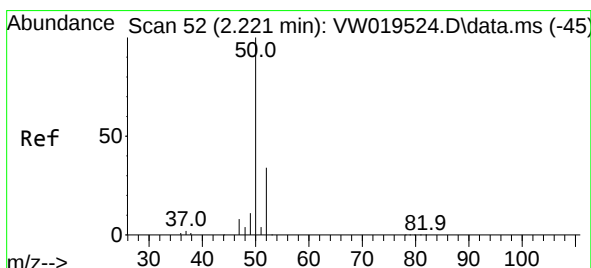
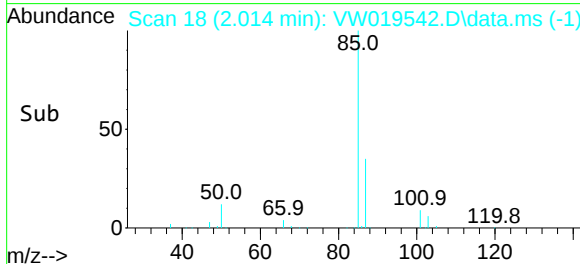
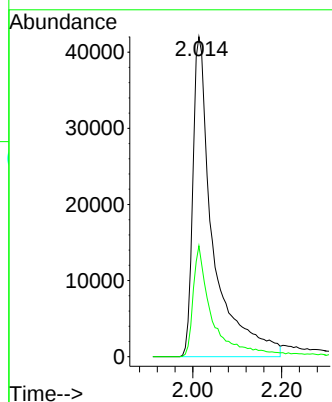
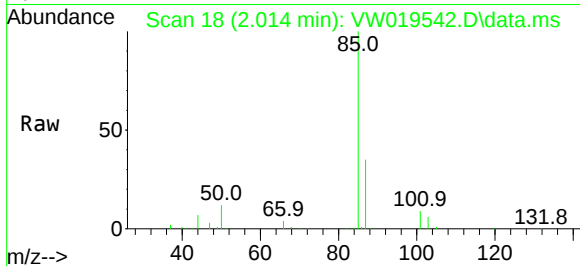




#2  
Dichlorodifluoromethane  
Concen: 24.907 ug/L  
RT: 2.014 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

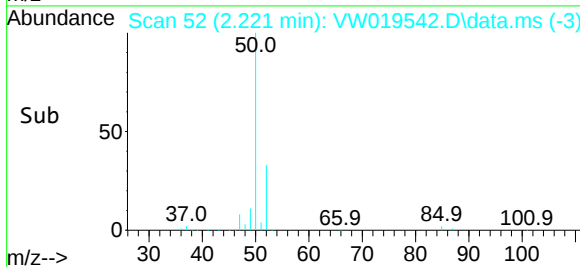
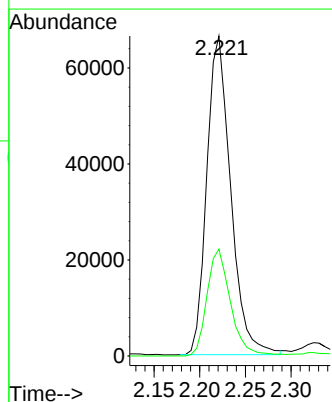
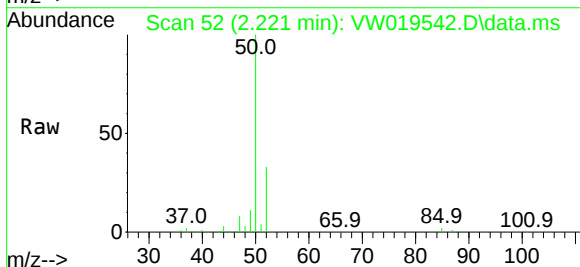
Instrument :  
MSVOA\_W  
ClientSampled :

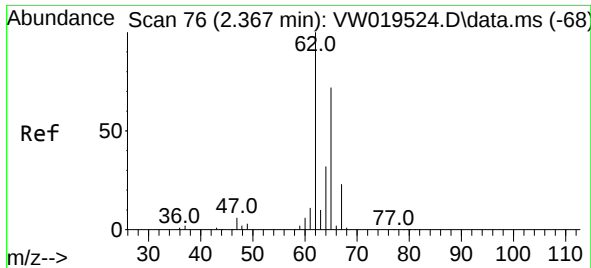
Tgt Ion: 85 Resp: 132950  
Ion Ratio Lower Upper  
85 100  
87 28.2 23.3 34.9



#3  
Chloromethane  
Concen: 22.081 ug/L  
RT: 2.221 min Scan# 52  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion: 50 Resp: 120952  
Ion Ratio Lower Upper  
50 100  
52 33.4 22.5 41.9

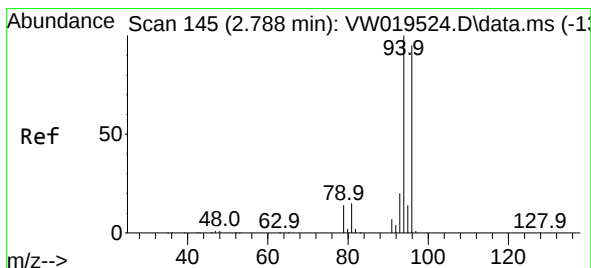
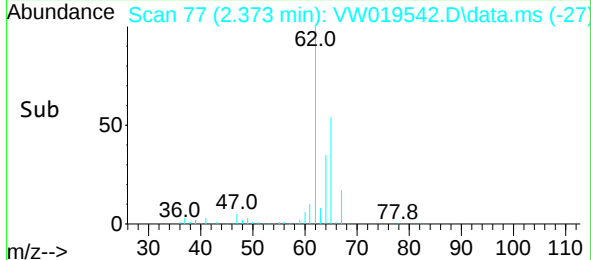
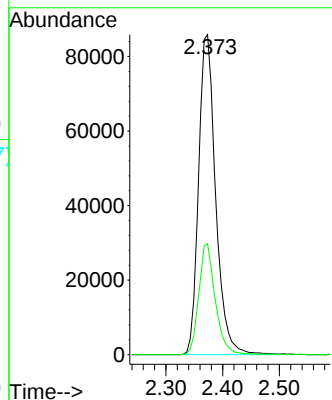
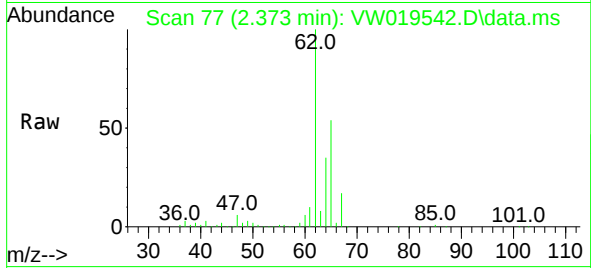




#5  
 Vinyl chloride  
 Concen: 23.833 ug/L  
 RT: 2.373 min Scan# 77  
 Delta R.T. 0.006 min  
 Lab File: VW019542.D  
 Acq: 21 Jul 2021 18:41

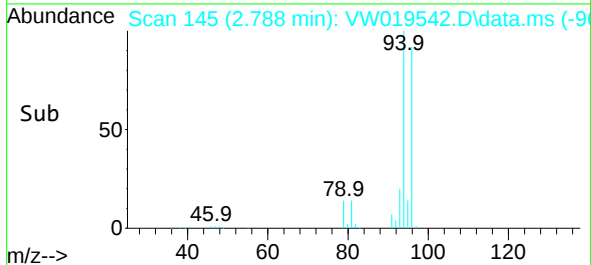
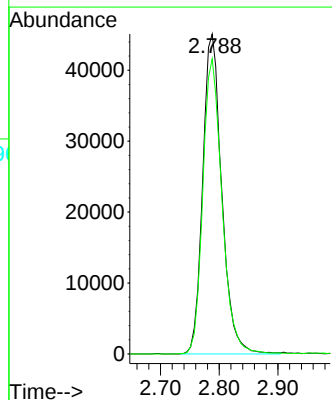
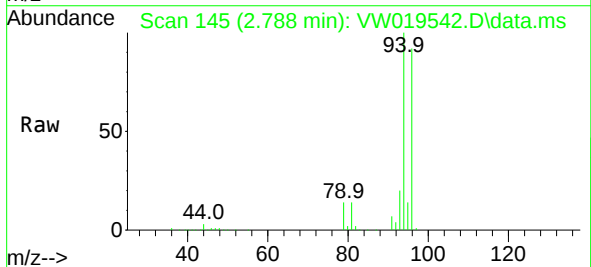
Instrument :  
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 ClientSampled :

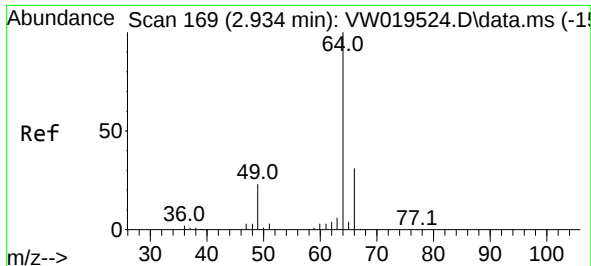
Tgt Ion: 62 Resp: 179676  
 Ion Ratio Lower Upper  
 62 100  
 64 34.7 24.2 45.0



#6  
 Bromomethane  
 Concen: 24.366 ug/L  
 RT: 2.788 min Scan# 145  
 Delta R.T. 0.000 min  
 Lab File: VW019542.D  
 Acq: 21 Jul 2021 18:41

Tgt Ion: 94 Resp: 101571  
 Ion Ratio Lower Upper  
 94 100  
 96 92.2 65.3 121.3

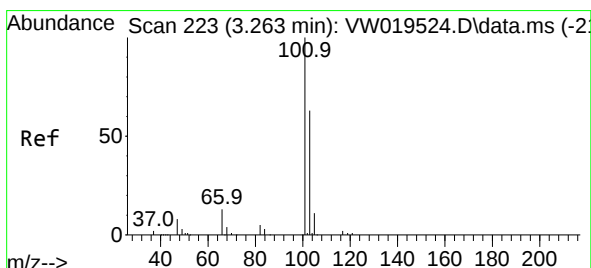
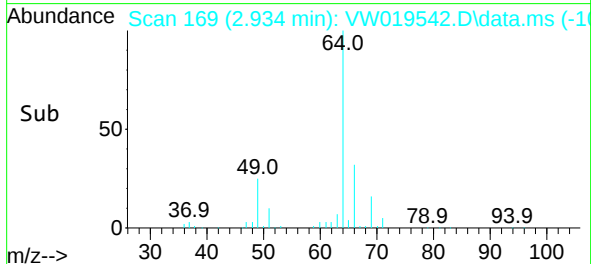
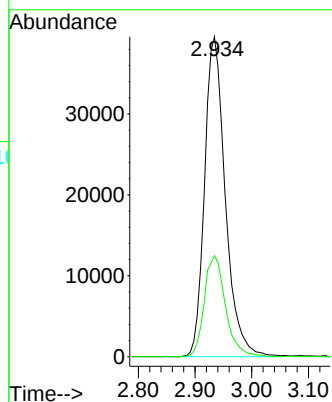
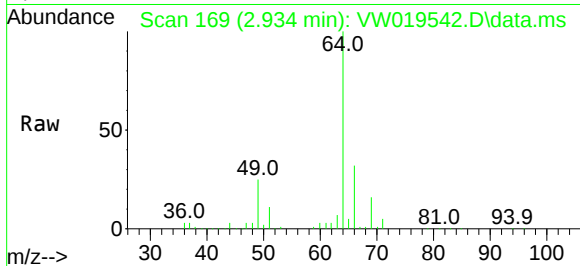




#8  
Chloroethane  
Concen: 25.065 ug/L  
RT: 2.934 min Scan# 169  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

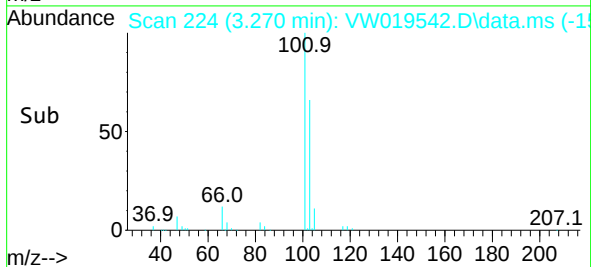
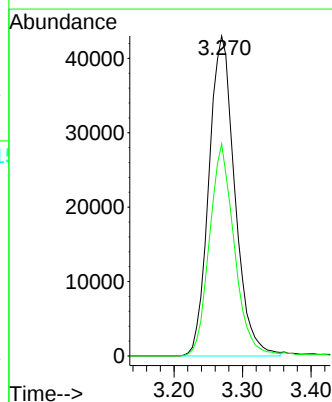
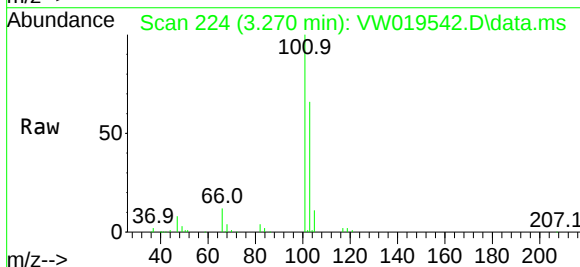
Instrument :  
MSVOA\_W  
ClientSampled :

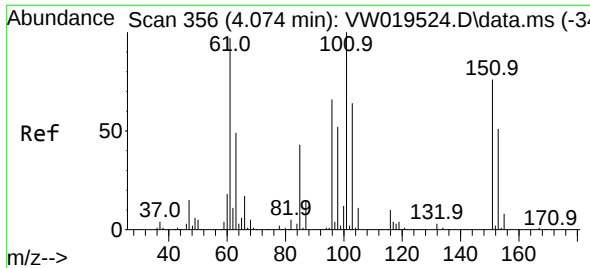
Tgt Ion: 64 Resp: 100581  
Ion Ratio Lower Upper  
64 100  
66 31.6 23.4 43.6



#9  
Trichlorofluoromethane  
Concen: 24.689 ug/L  
RT: 3.270 min Scan# 224  
Delta R.T. 0.006 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion: 101 Resp: 113070  
Ion Ratio Lower Upper  
101 100  
103 63.4 51.0 76.4

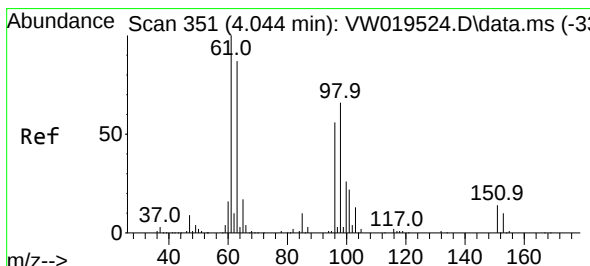
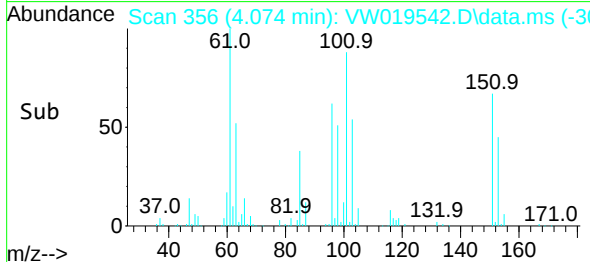
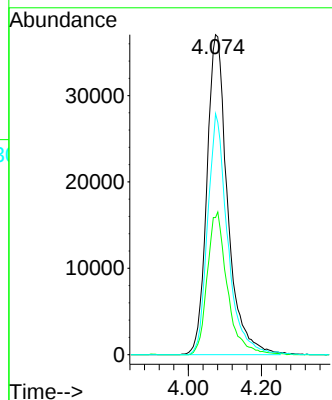
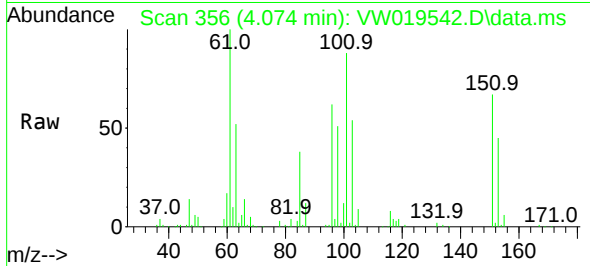




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 24.875 ug/L  
 RT: 4.074 min Scan# 356  
 Delta R.T. 0.000 min  
 Lab File: VW019542.D  
 Acq: 21 Jul 2021 18:41

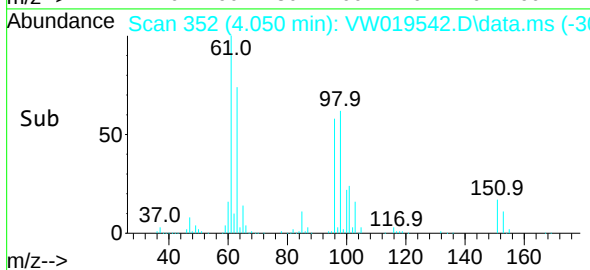
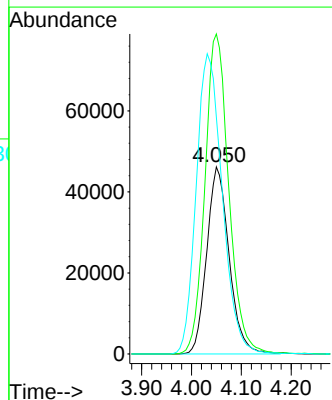
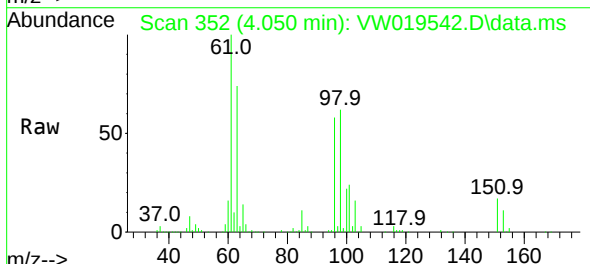
Instrument :  
 MSVOA\_W  
 ClientSampled :

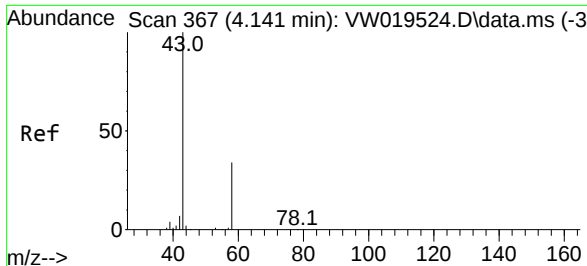
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 Ion Ratio Lower Upper  
 101 100  
 85 43.3 38.2 57.2  
 151 72.3 56.6 85.0



#12  
 1,1-Dichloroethene  
 Concen: 24.645 ug/L  
 RT: 4.050 min Scan# 352  
 Delta R.T. 0.006 min  
 Lab File: VW019542.D  
 Acq: 21 Jul 2021 18:41

Tgt Ion: 96 Resp: 144175  
 Ion Ratio Lower Upper  
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 63 126.6 83.7 155.5

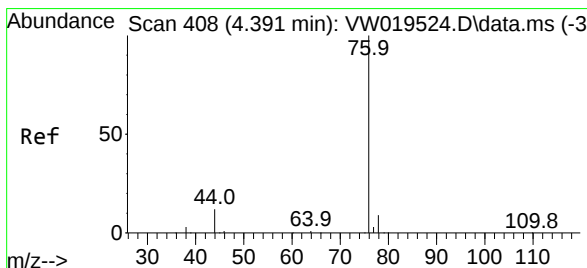
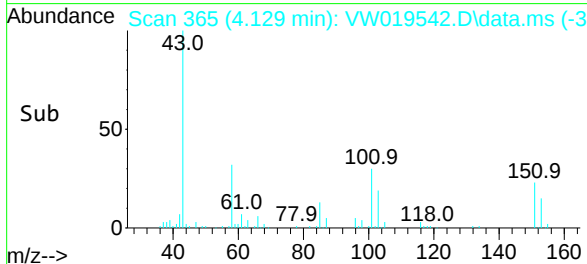
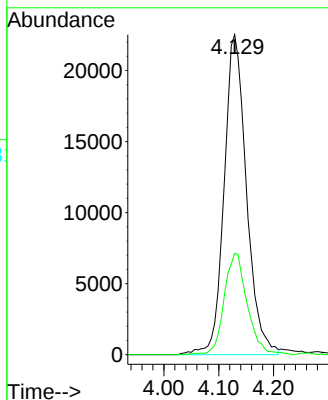
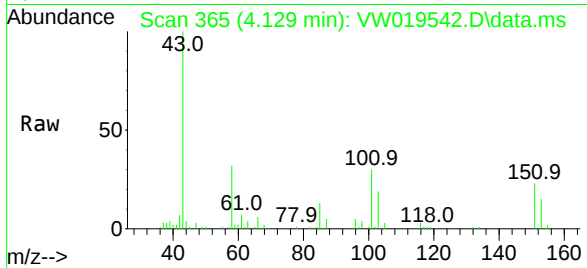




#13  
Acetone  
Concen: 47.124 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. -0.012 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

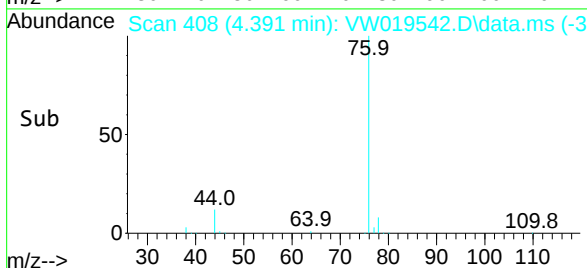
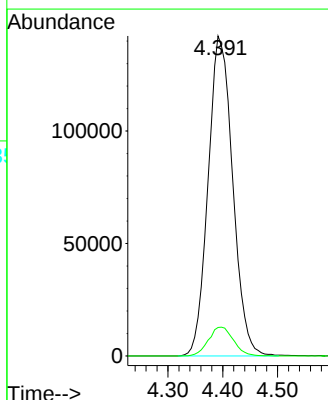
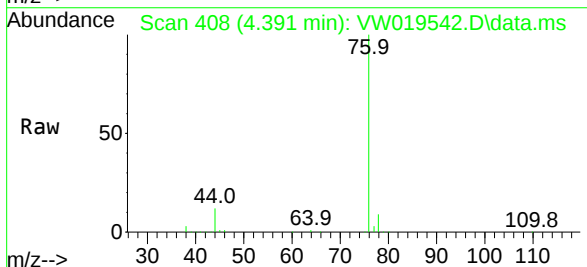
Instrument :  
MSVOA\_W  
ClientSampled :

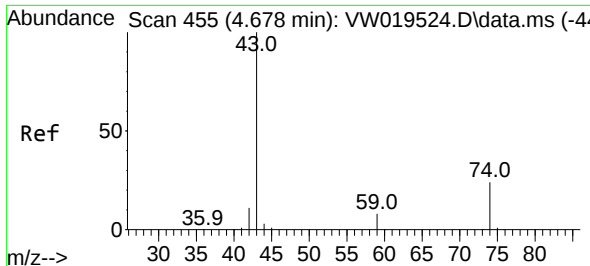
Tgt Ion: 43 Resp: 63988  
Ion Ratio Lower Upper  
43 100  
58 31.3 0.0 53.8



#14  
Carbon disulfide  
Concen: 23.675 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion: 76 Resp: 443526  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0

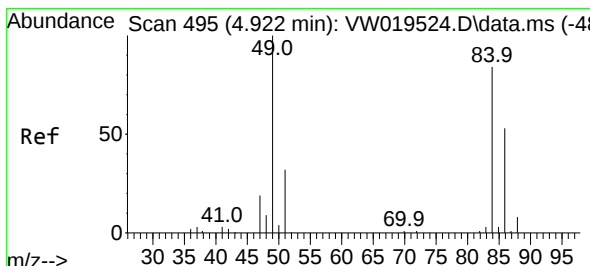
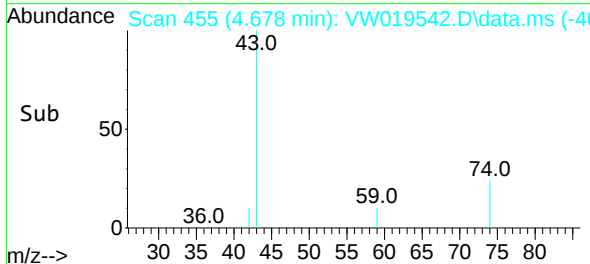
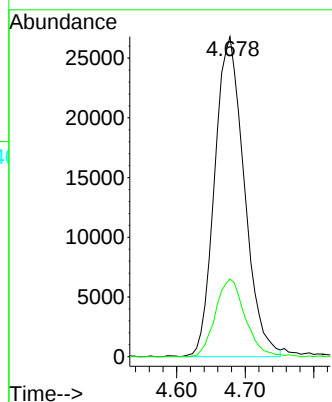
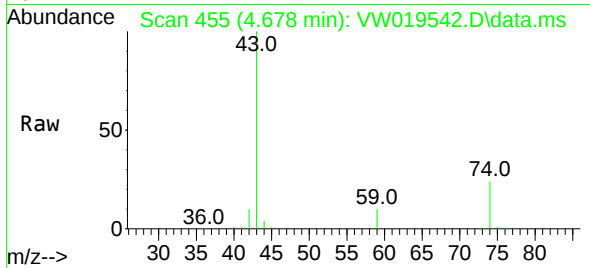




#15  
Methyl Acetate  
Concen: 26.563 ug/L  
RT: 4.678 min Scan# 455  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

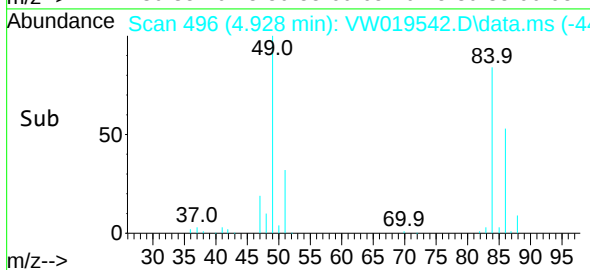
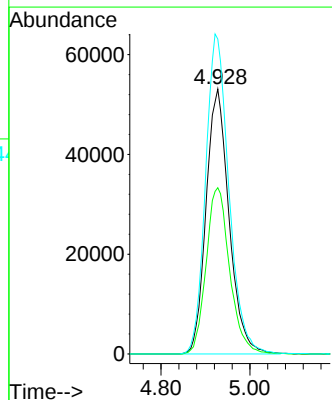
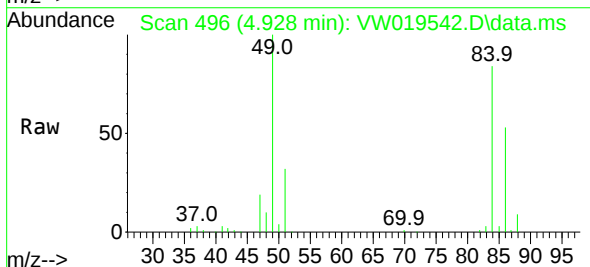
Instrument :  
MSVOA\_W  
ClientSampled :

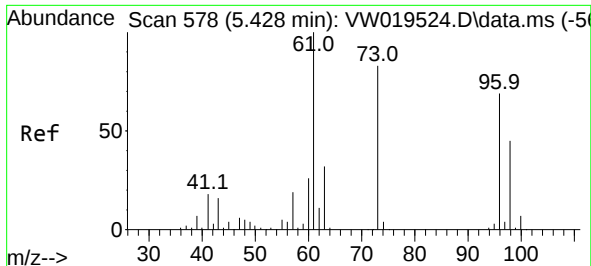
Tgt Ion: 43 Resp: 80279  
Ion Ratio Lower Upper  
43 100  
74 24.3 20.0 30.0



#16  
Methylene chloride  
Concen: 21.417 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.006 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion: 84 Resp: 191329  
Ion Ratio Lower Upper  
84 100  
86 62.8 45.3 84.1  
49 118.9 86.6 160.8

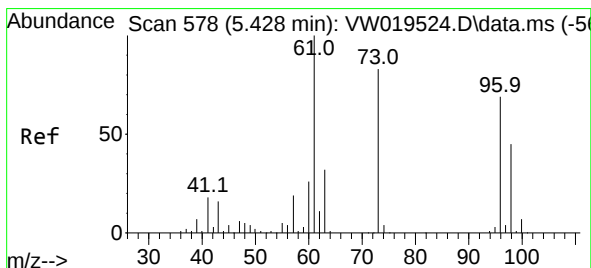
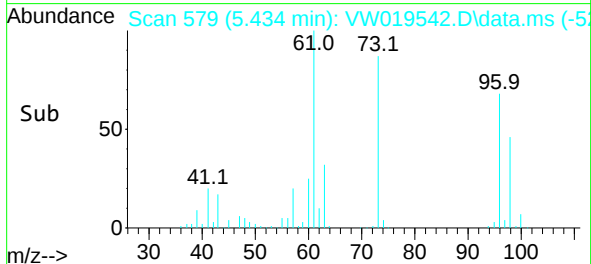
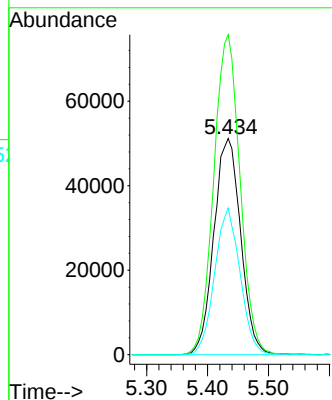
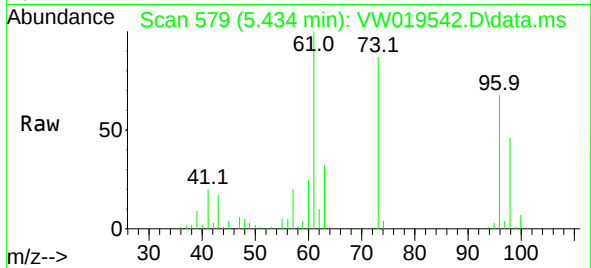




#17  
trans-1,2-Dichloroethene  
Concen: 24.605 ug/L  
RT: 5.434 min Scan# 579  
Delta R.T. 0.006 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

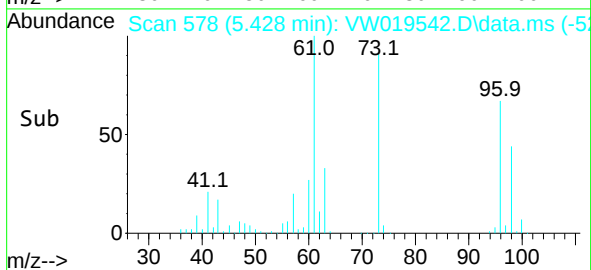
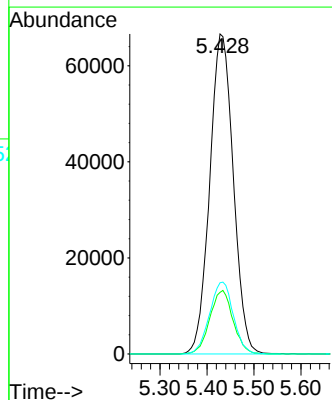
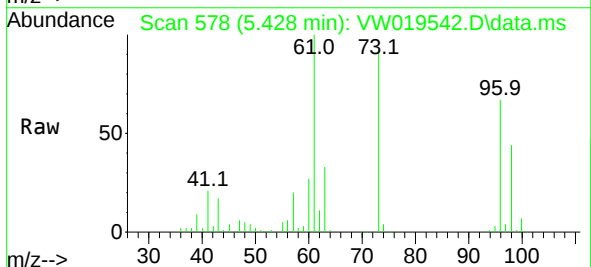
Instrument :  
MSVOA\_W  
ClientSampled :

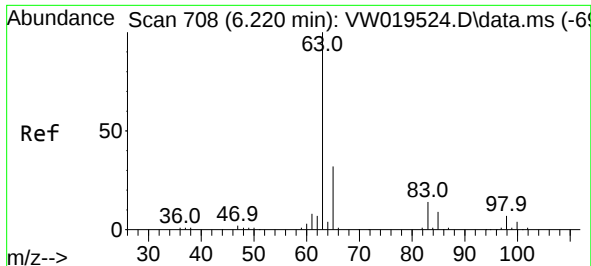
Tgt Ion: 96 Resp: 156531  
Ion Ratio Lower Upper  
96 100  
61 148.1 98.3 182.7  
98 67.9 46.1 85.7



#18  
Methyl tert-butyl Ether  
Concen: 26.412 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion: 73 Resp: 232152  
Ion Ratio Lower Upper  
73 100  
43 19.6 17.7 26.5  
57 22.6 17.0 25.4





#19

1,1-Dichloroethane

Concen: 25.368 ug/L

RT: 6.220 min Scan# 708

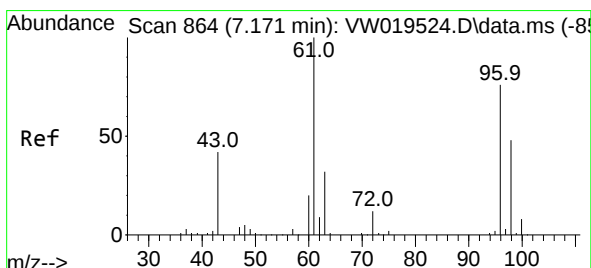
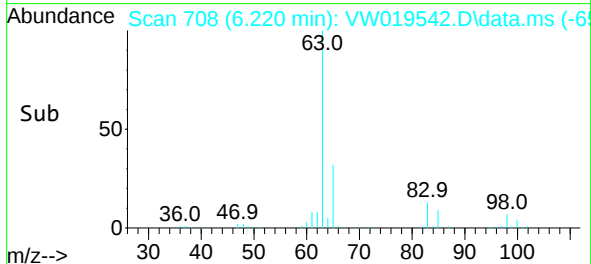
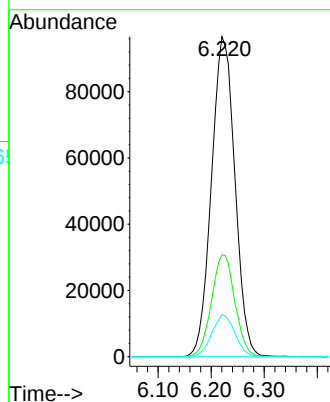
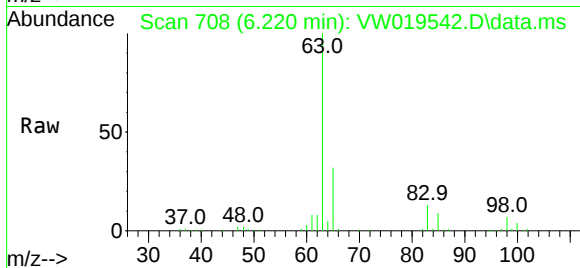
Delta R.T. 0.000 min

Lab File: VW019542.D

Acq: 21 Jul 2021 18:41

Tgt Ion: 63 Resp: 296308

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 31.8  | 22.9  | 42.5  |
| 83  | 13.1  | 10.2  | 19.0  |



#20

cis-1,2-Dichloroethene

Concen: 25.582 ug/L

RT: 7.171 min Scan# 864

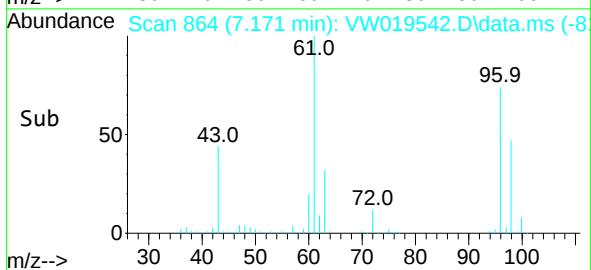
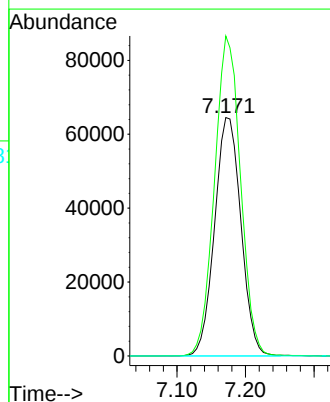
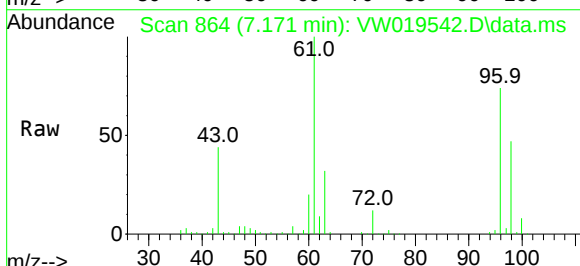
Delta R.T. 0.000 min

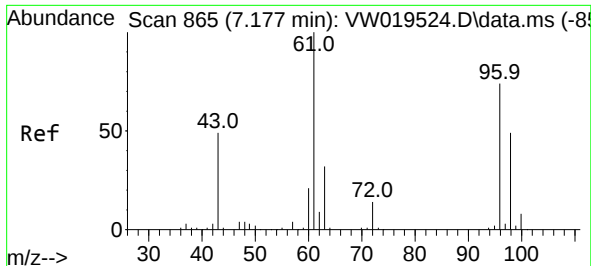
Lab File: VW019542.D

Acq: 21 Jul 2021 18:41

Tgt Ion: 96 Resp: 172138

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 134.2 | 88.5  | 164.3 |
| 68  | 0.0   | 0.0   | 0.0   |

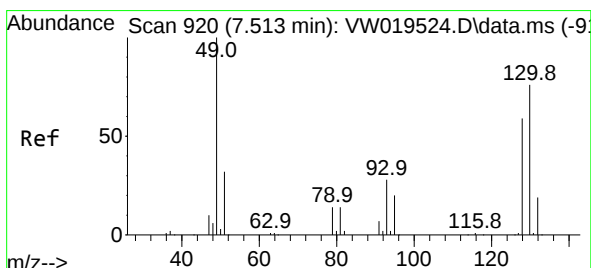
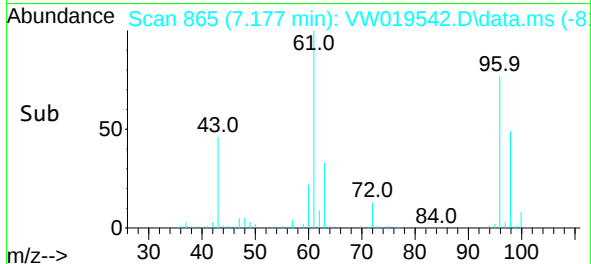
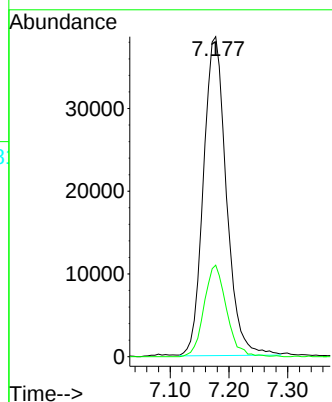
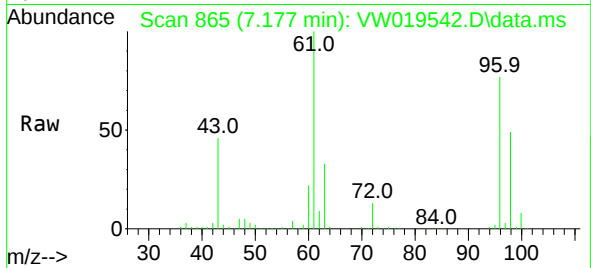




#22  
2-Butanone  
Concen: 49.866 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

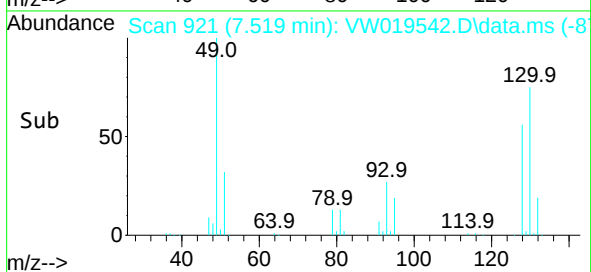
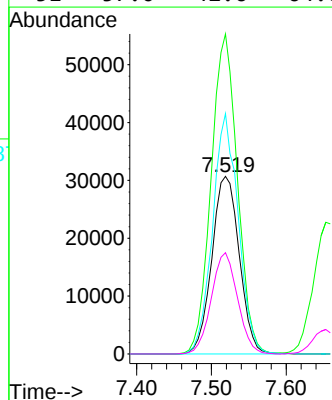
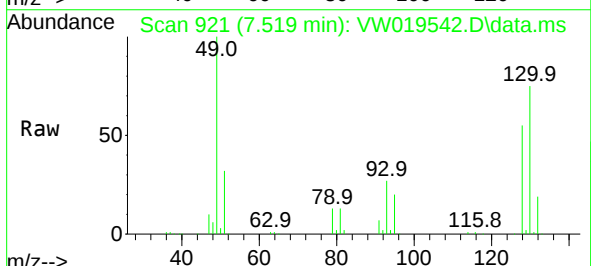
Instrument :  
MSVOA\_W  
ClientSampled :

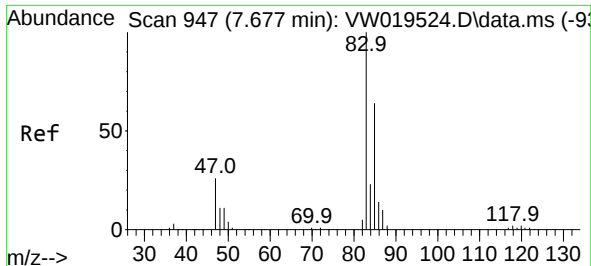
Tgt Ion: 43 Resp: 104773  
Ion Ratio Lower Upper  
43 100  
72 27.8 14.9 44.7



#23  
Bromochloromethane  
Concen: 25.894 ug/L  
RT: 7.519 min Scan# 921  
Delta R.T. 0.006 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion: 128 Resp: 78469  
Ion Ratio Lower Upper  
128 100  
49 180.2 116.3 215.9  
130 135.3 82.4 153.0  
51 57.0 42.6 64.0

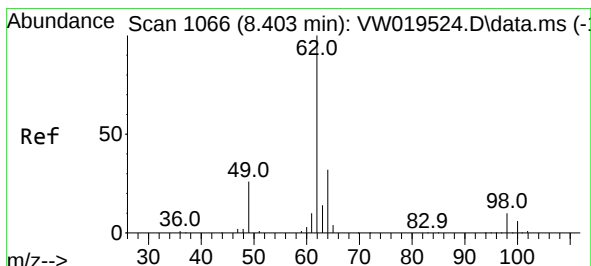
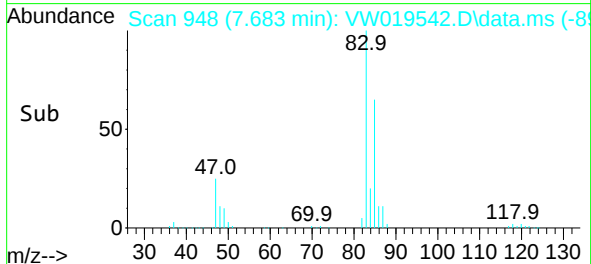
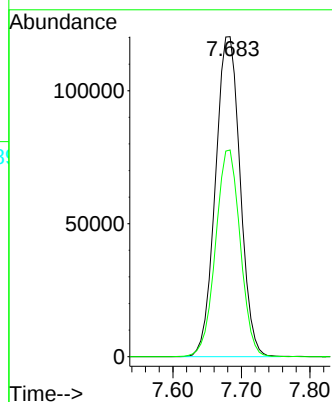
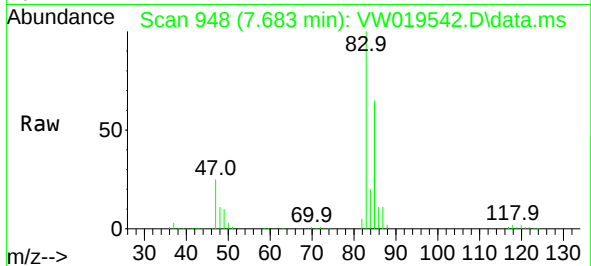




#25  
Chloroform  
Concen: 26.056 ug/L  
RT: 7.683 min Scan# 948  
Delta R.T. 0.006 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

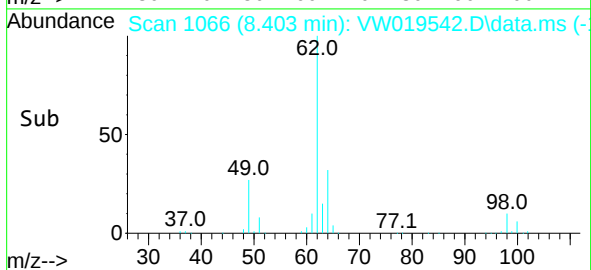
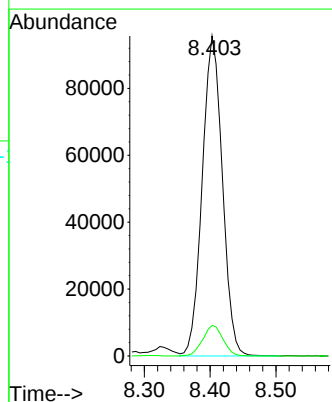
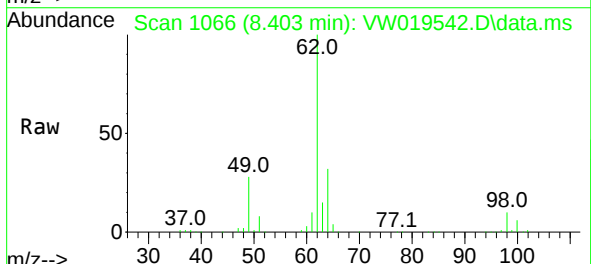
Instrument :  
MSVOA\_W  
ClientSampled :

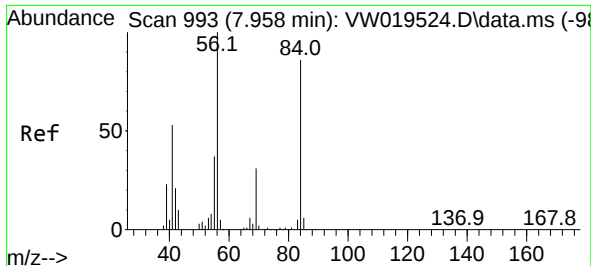
Tgt Ion: 83 Resp: 301051  
Ion Ratio Lower Upper  
83 100  
85 64.6 44.6 82.8



#27  
1,2-Dichloroethane  
Concen: 26.224 ug/L  
RT: 8.403 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

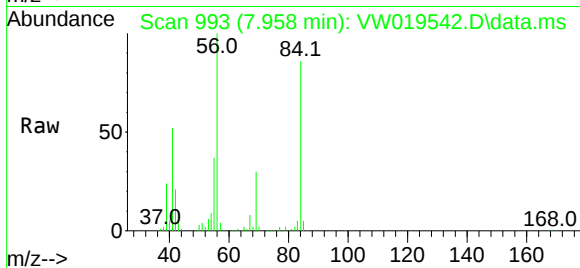
Tgt Ion: 62 Resp: 203855  
Ion Ratio Lower Upper  
62 100  
98 9.6 6.9 10.3



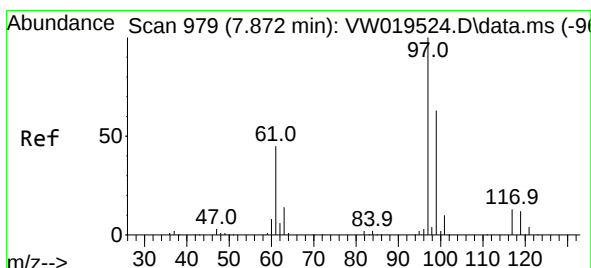
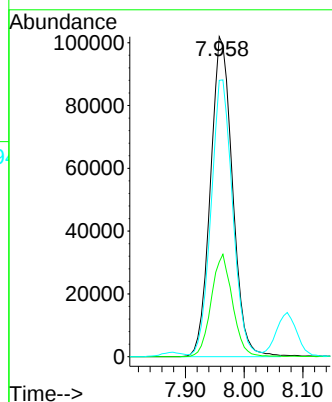
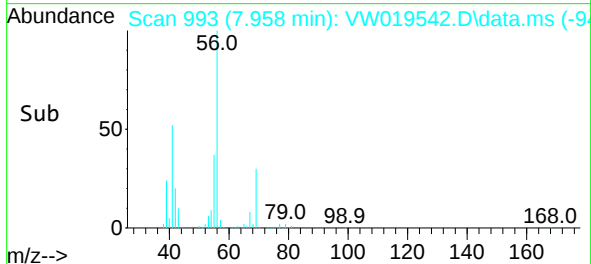


#29  
Cyclohexane  
Concen: 24.589 ug/L  
RT: 7.958 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

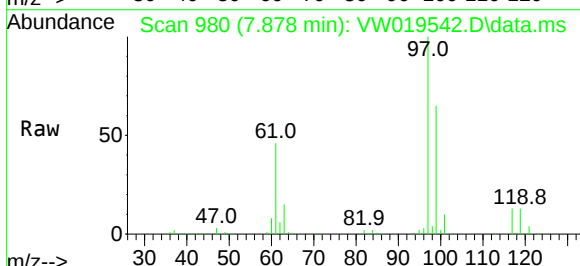
Instrument :  
MSVOA\_W  
ClientSampled :



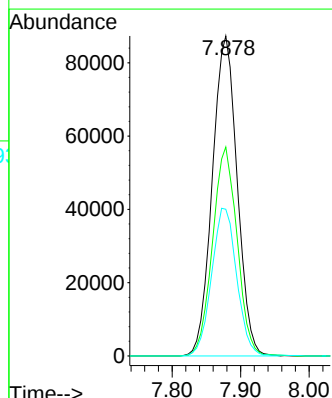
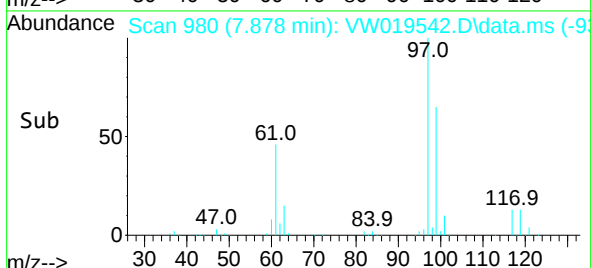
Tgt Ion: 56 Resp: 265480  
Ion Ratio Lower Upper  
56 100  
69 30.8 24.5 36.7  
84 85.2 75.0 112.4

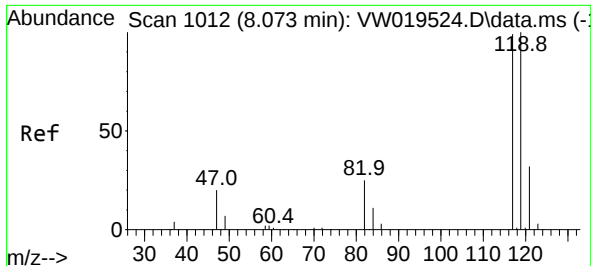


#30  
1,1,1-Trichloroethane  
Concen: 25.284 ug/L  
RT: 7.878 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41



Tgt Ion: 97 Resp: 219704  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.4 77.2  
61 46.6 37.8 56.6

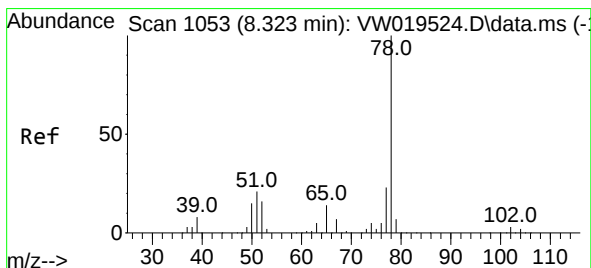
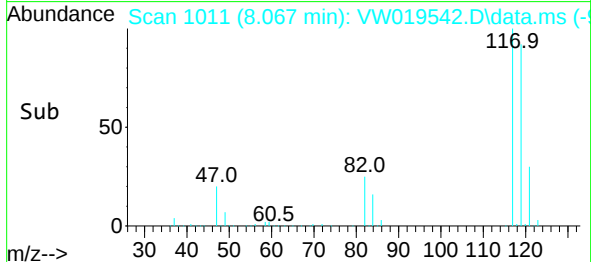
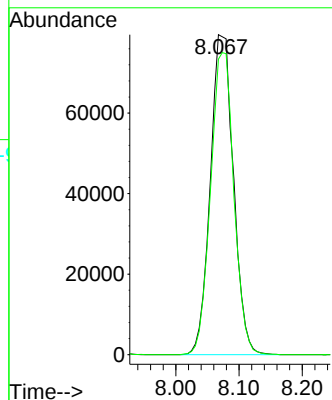
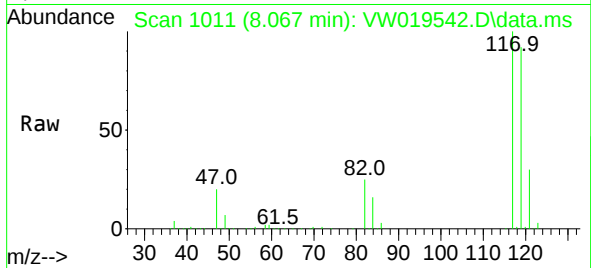




#31  
Carbon tetrachloride  
Concen: 25.023 ug/L  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

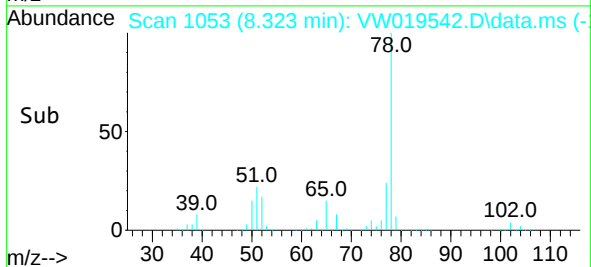
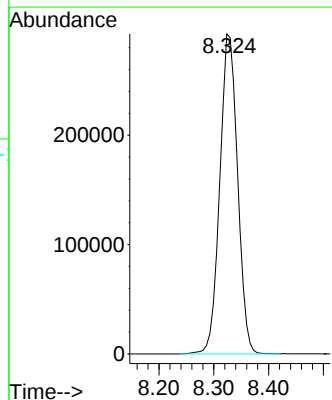
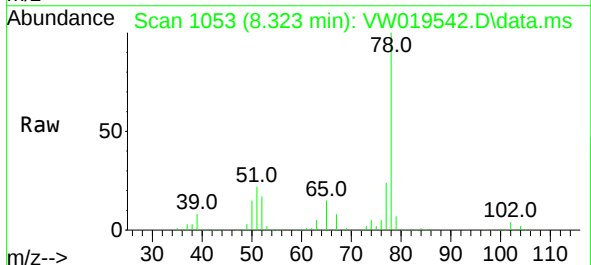
Instrument :  
MSVOA\_W  
ClientSampled :

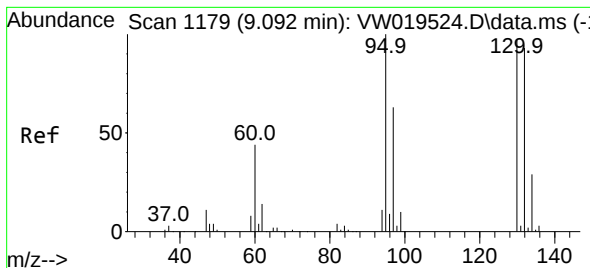
Tgt Ion:117 Resp: 202300  
Ion Ratio Lower Upper  
117 100  
119 94.9 76.5 114.7



#33  
Benzene  
Concen: 25.098 ug/L  
RT: 8.323 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion: 78 Resp: 661399





#34

Trichloroethene

Concen: 25.017 ug/L

RT: 9.098 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VW019542.D

Acq: 21 Jul 2021 18:41

Tgt Ion: 95 Resp: 168264

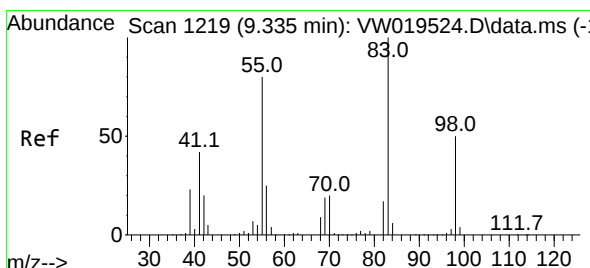
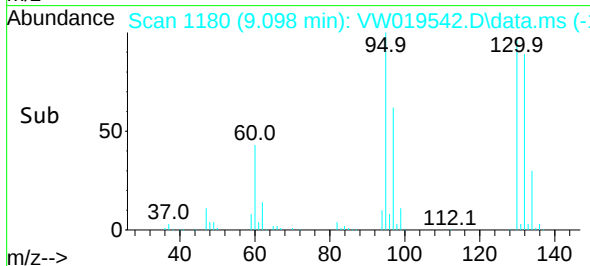
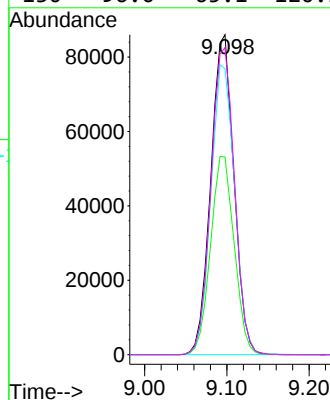
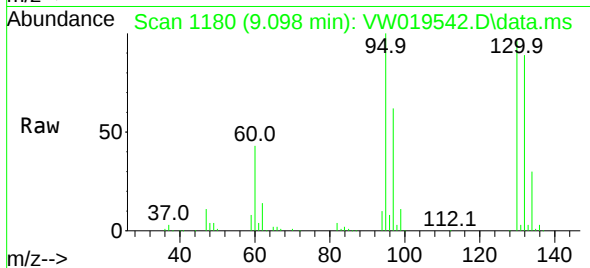
Ion Ratio Lower Upper

95 100

97 61.7 47.3 87.8

132 89.4 71.0 131.8

130 96.0 65.1 120.9



#35

Methylcyclohexane

Concen: 24.666 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW019542.D

Acq: 21 Jul 2021 18:41

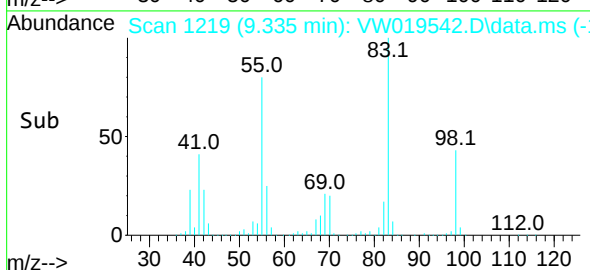
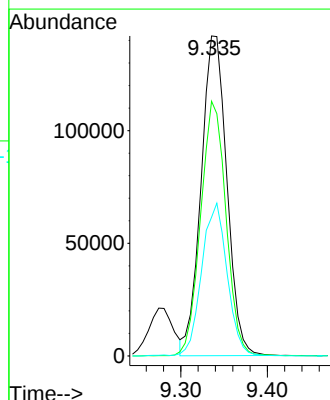
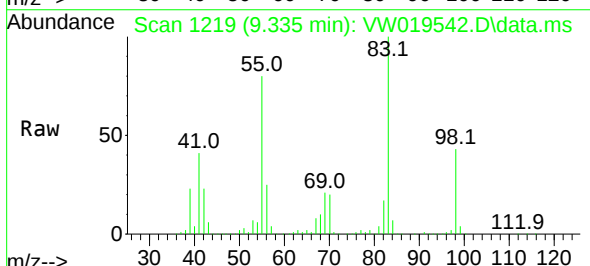
Tgt Ion: 83 Resp: 293586

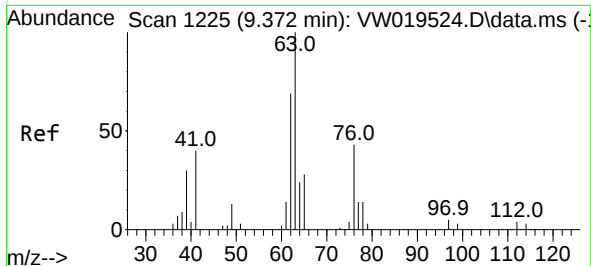
Ion Ratio Lower Upper

83 100

55 78.2 58.9 88.3

98 47.2 40.1 60.1

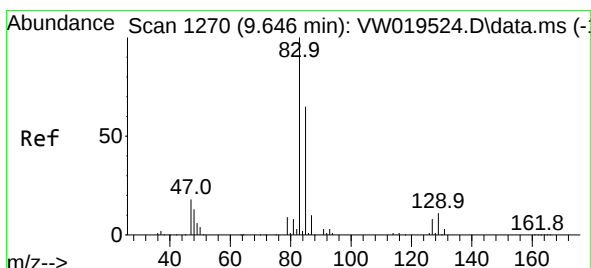
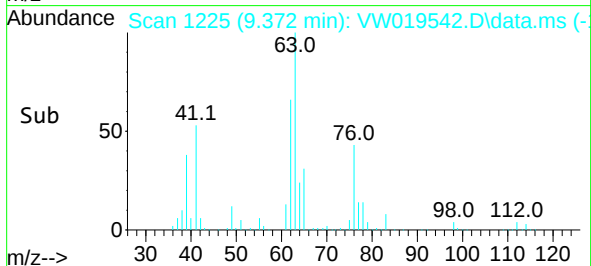
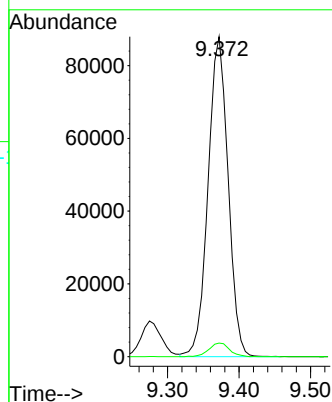
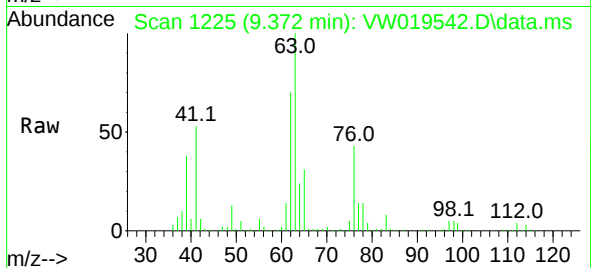




#37  
1,2-Dichloropropane  
Concen: 25.580 ug/L  
RT: 9.372 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

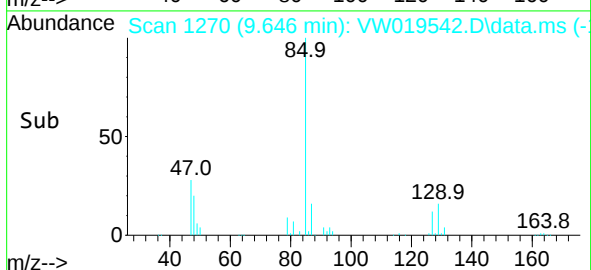
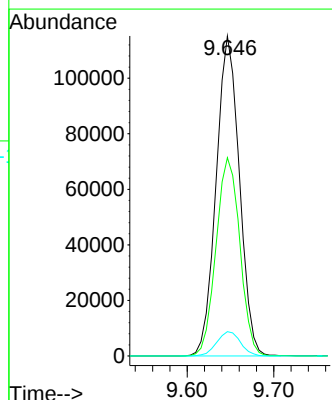
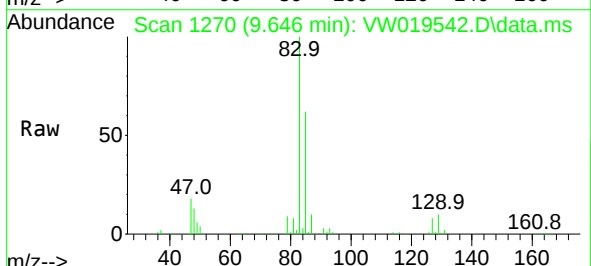
Instrument :  
MSVOA\_W  
ClientSampled :

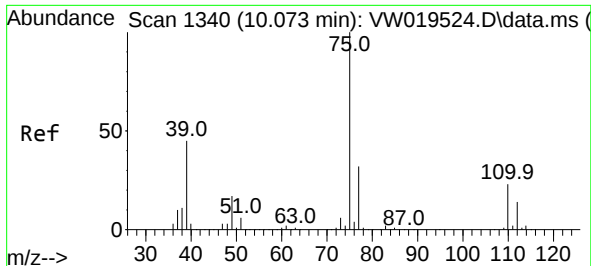
Tgt Ion: 63 Resp: 170830  
Ion Ratio Lower Upper  
63 100  
112 4.4 3.9 5.9



#38  
Bromodichloromethane  
Concen: 25.941 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion: 83 Resp: 214816  
Ion Ratio Lower Upper  
83 100  
85 62.0 42.3 78.5  
127 7.6 6.6 9.8

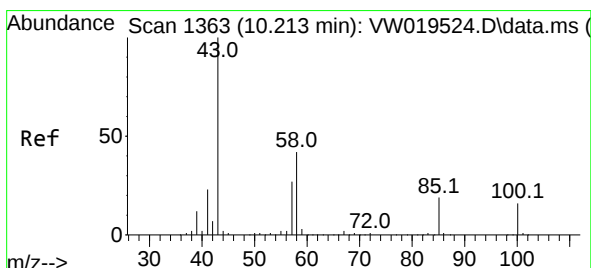
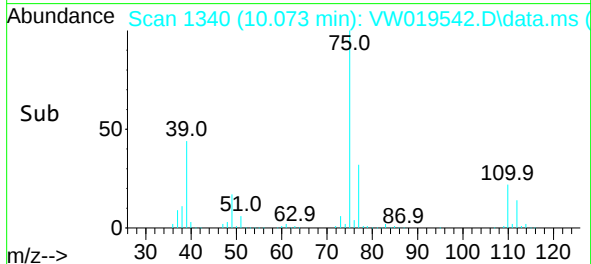
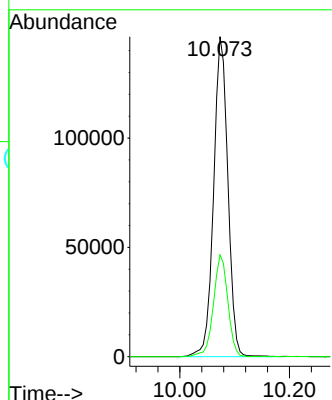
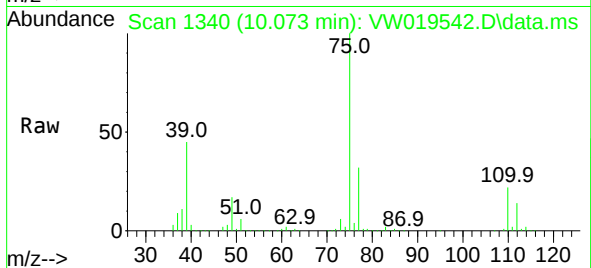




#39  
 cis-1,3-Dichloropropene  
 Concen: 25.828 ug/L  
 RT: 10.073 min Scan# 1340  
 Delta R.T. 0.000 min  
 Lab File: VW019542.D  
 Acq: 21 Jul 2021 18:41

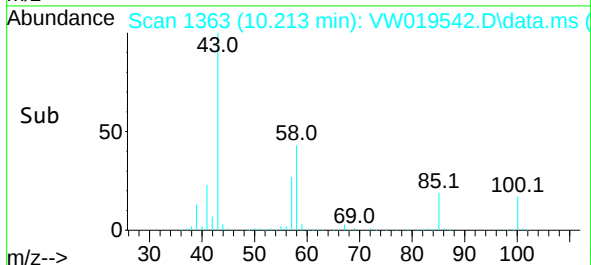
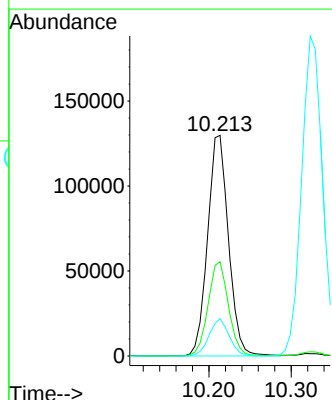
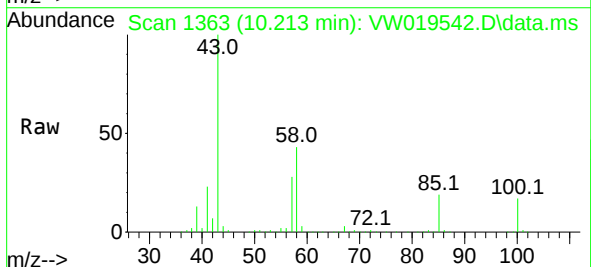
Instrument :  
 MSVOA\_W  
 ClientSampled :

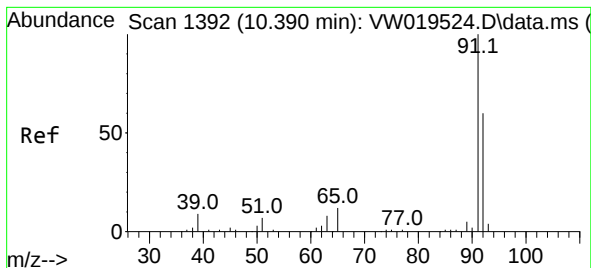
Tgt Ion: 75 Resp: 263780  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 22.6 42.0



#40  
 4-Methyl-2-pentanone  
 Concen: 54.383 ug/L  
 RT: 10.213 min Scan# 1363  
 Delta R.T. 0.000 min  
 Lab File: VW019542.D  
 Acq: 21 Jul 2021 18:41

Tgt Ion: 43 Resp: 229228  
 Ion Ratio Lower Upper  
 43 100  
 58 41.8 31.0 46.4  
 100 16.2 13.0 19.6





#42

Toluene

Concen: 26.024 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019542.D

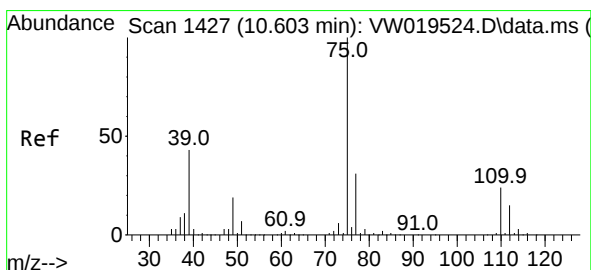
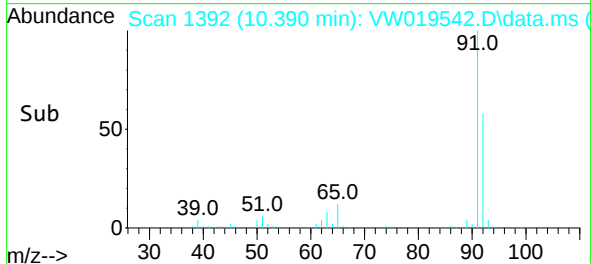
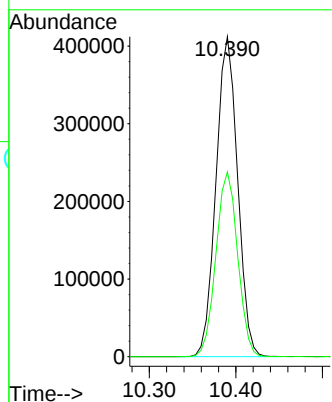
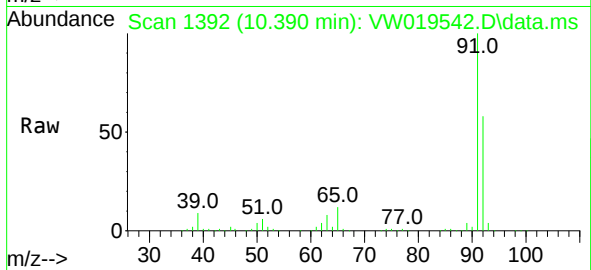
Acq: 21 Jul 2021 18:41

Tgt Ion: 91 Resp: 714814

Ion Ratio Lower Upper

91 100

92 57.7 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 25.700 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW019542.D

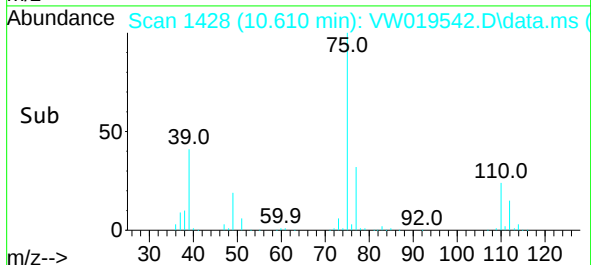
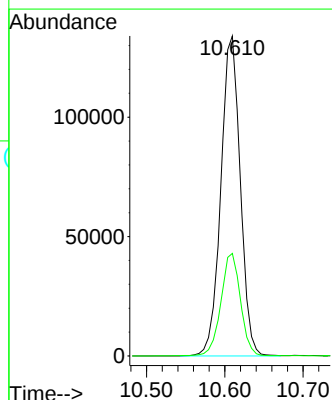
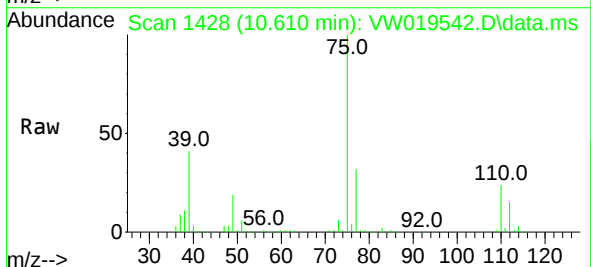
Acq: 21 Jul 2021 18:41

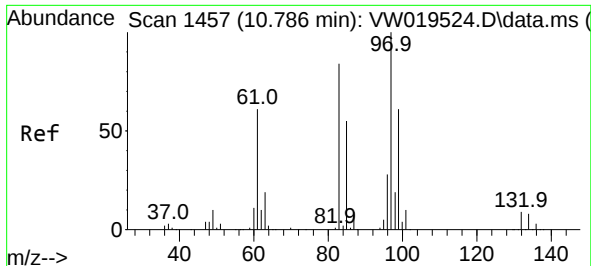
Tgt Ion: 75 Resp: 230878

Ion Ratio Lower Upper

75 100

77 32.0 21.1 39.1



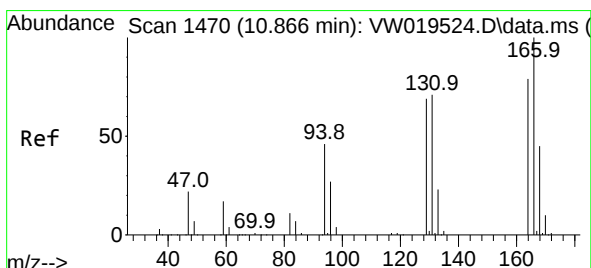
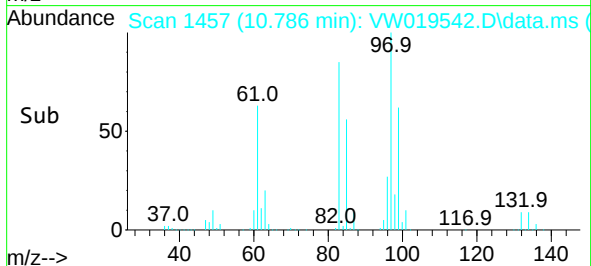
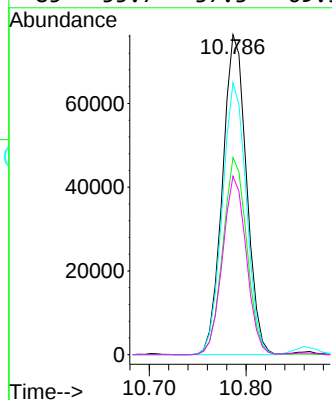
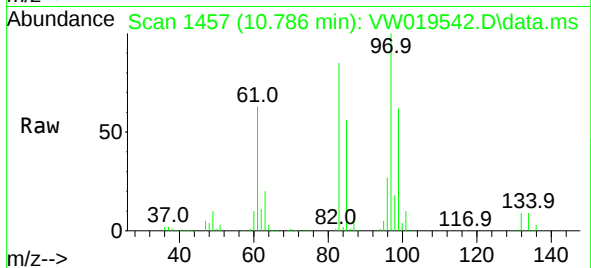


#45  
1,1,2-Trichloroethane  
Concen: 26.437 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 97 Resp: 131368

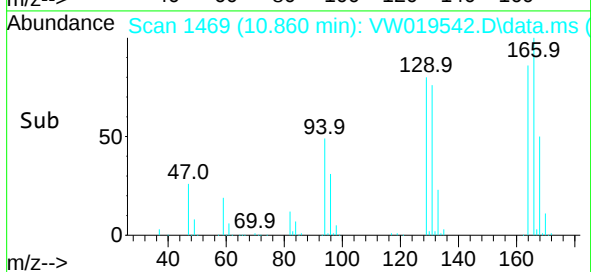
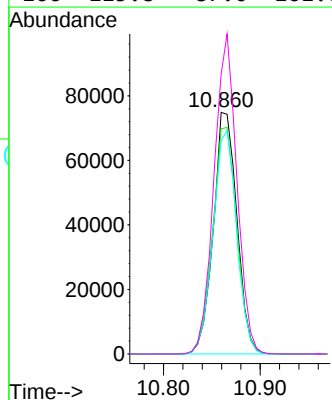
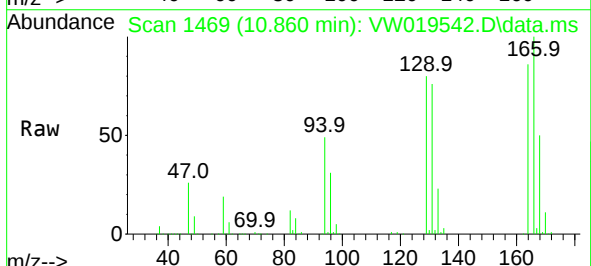
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 61.6  | 45.1  | 83.7  |
| 83  | 85.0  | 58.1  | 107.9 |
| 85  | 55.7  | 37.3  | 69.3  |

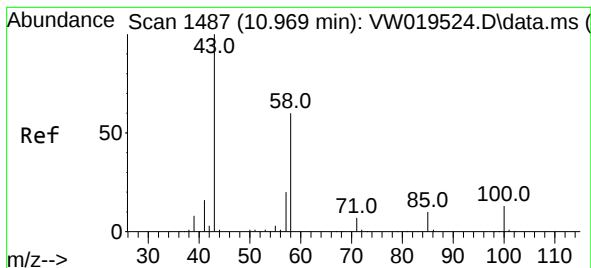


#46  
Tetrachloroethene  
Concen: 24.738 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion: 164 Resp: 126812

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 93.1  | 66.7  | 123.9 |
| 131 | 88.3  | 61.1  | 113.5 |
| 166 | 115.8 | 87.0  | 161.6 |



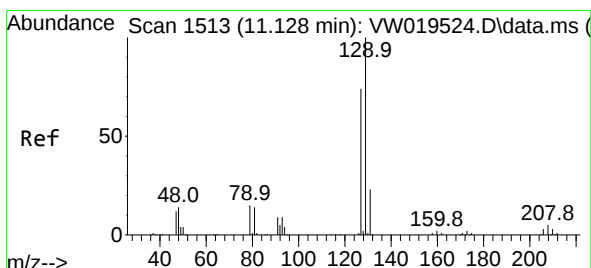
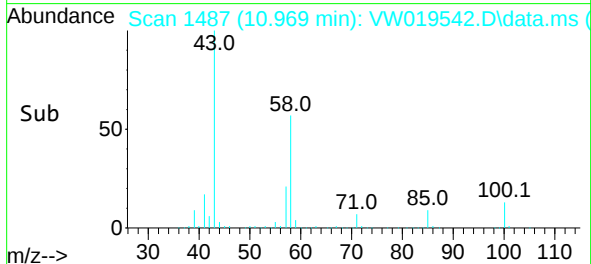
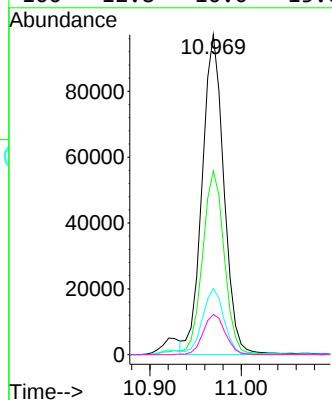
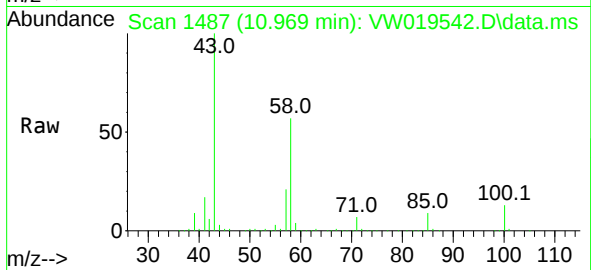


#48  
2-Hexanone  
Concen: 55.828 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 43 Resp: 160272

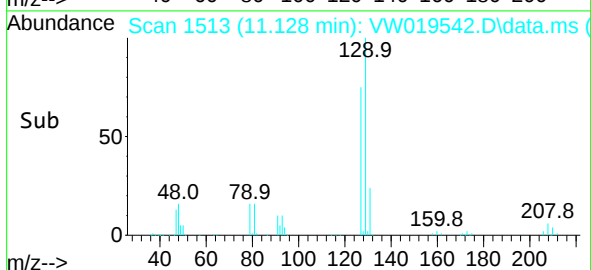
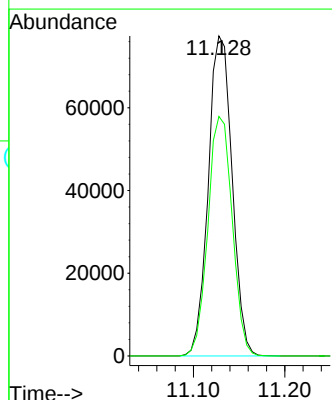
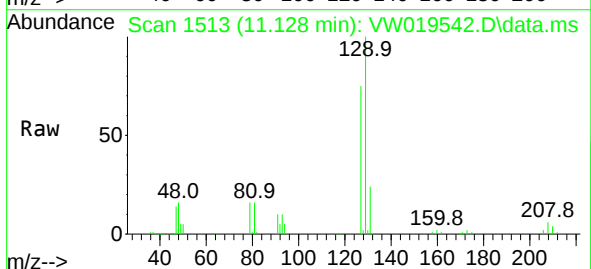
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 57.4  | 42.7  | 64.1  |
| 57  | 20.4  | 15.8  | 23.8  |
| 100 | 12.8  | 10.0  | 15.0  |

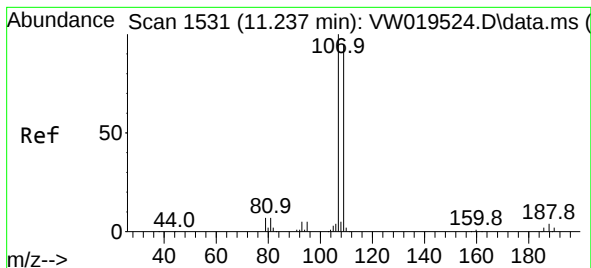


#49  
Dibromochloromethane  
Concen: 26.240 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion: 129 Resp: 140222

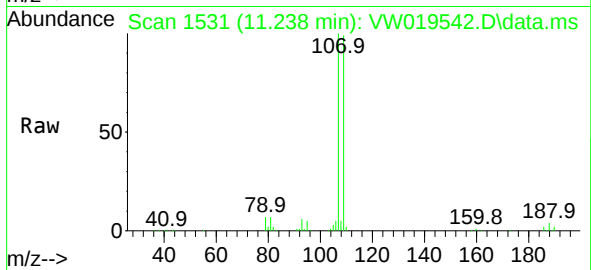
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 74.8  | 51.7  | 95.9  |



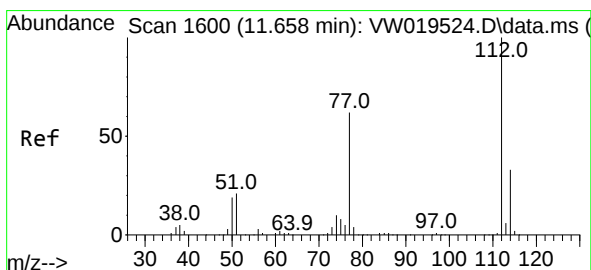
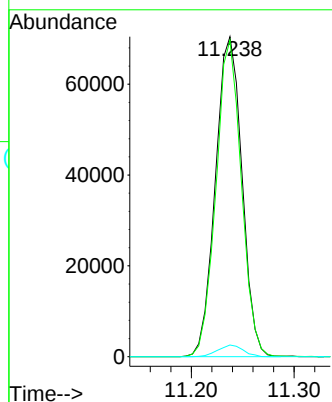
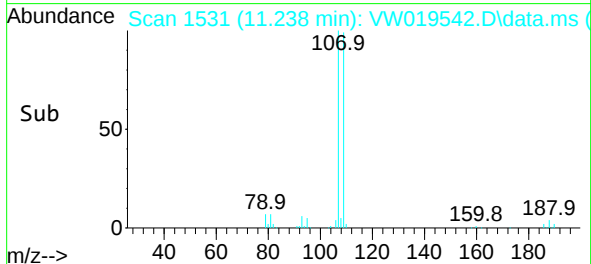


#50  
1,2-Dibromoethane  
Concen: 26.479 ug/L  
RT: 11.238 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

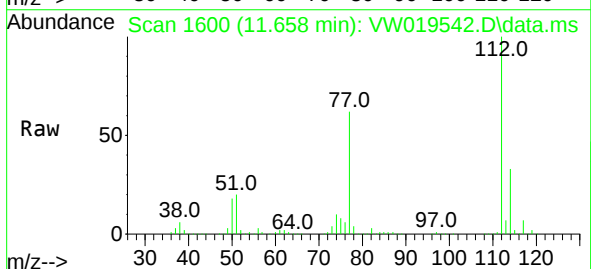
Instrument :  
MSVOA\_W  
ClientSampleId :



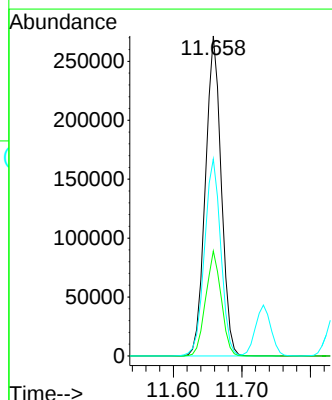
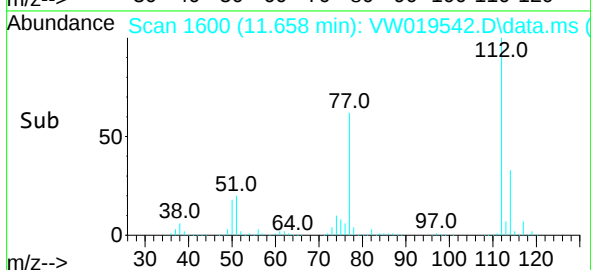
Tgt Ion:107 Resp: 126201  
Ion Ratio Lower Upper  
107 100  
109 98.8 65.4 121.4  
188 3.6 2.6 4.0

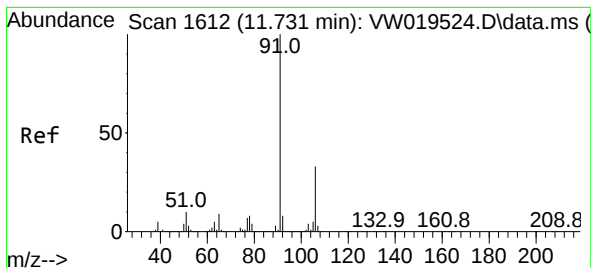


#51  
Chlorobenzene  
Concen: 25.270 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41



Tgt Ion:112 Resp: 436471  
Ion Ratio Lower Upper  
112 100  
114 32.8 23.4 43.6  
77 61.5 47.6 71.4

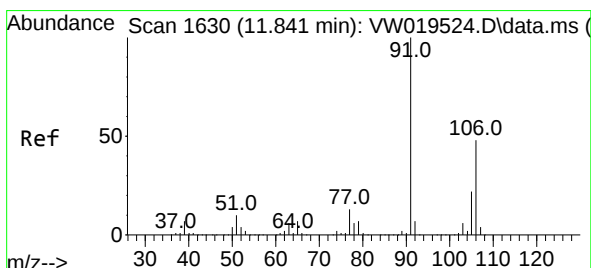
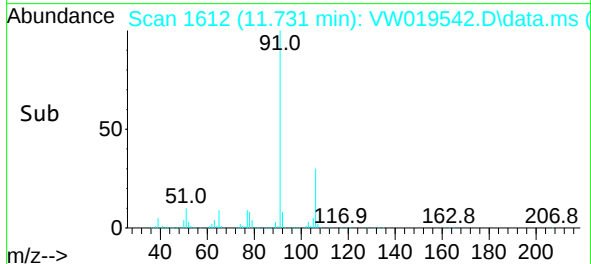
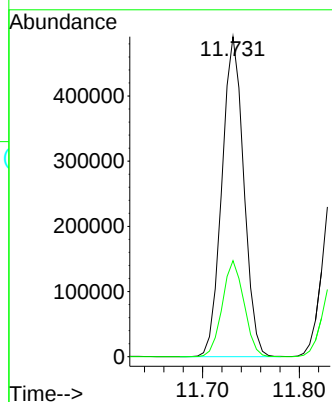
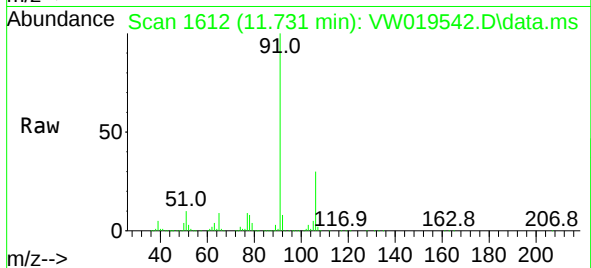




#52  
Ethylbenzene  
Concen: 25.724 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

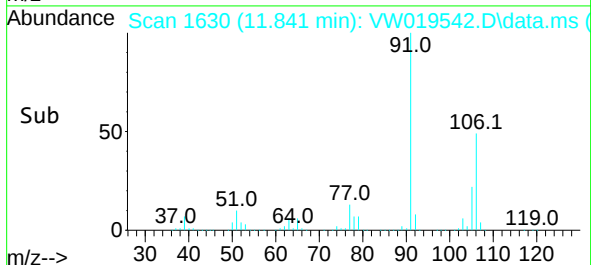
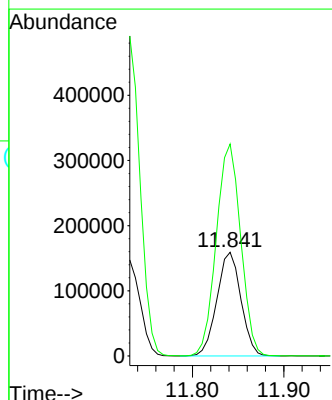
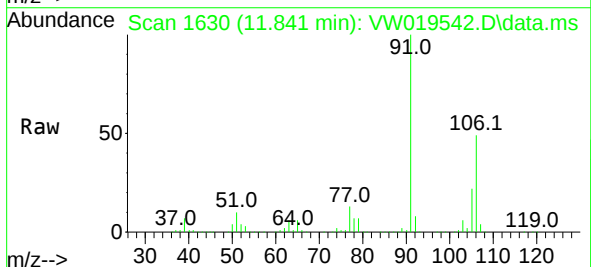
Instrument :  
MSVOA\_W  
ClientSampleId :

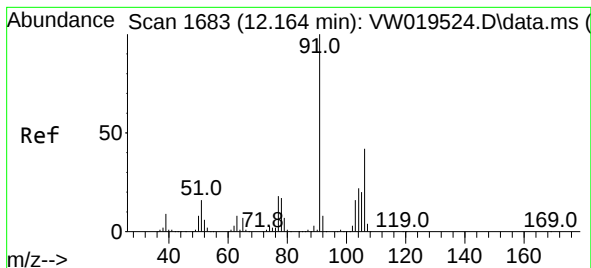
Tgt Ion: 91 Resp: 769223  
Ion Ratio Lower Upper  
91 100  
106 30.0 22.5 41.7



#53  
m,p-Xylene  
Concen: 25.691 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion:106 Resp: 290326  
Ion Ratio Lower Upper  
106 100  
91 204.5 141.3 262.3

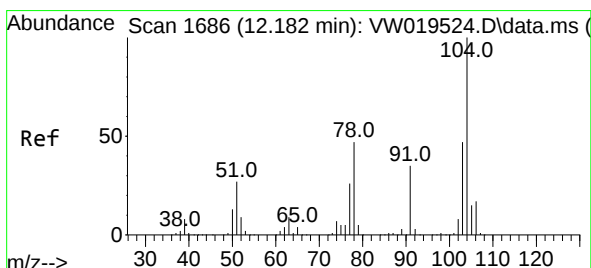
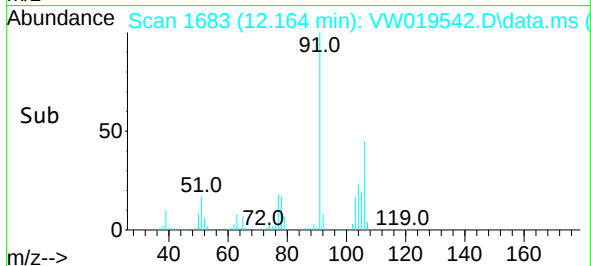
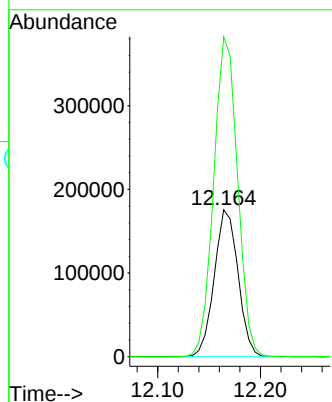
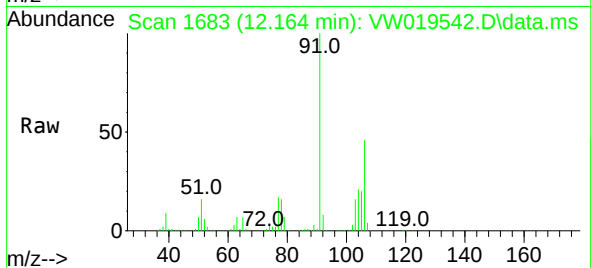




#54  
o-Xylene  
Concen: 26.378 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

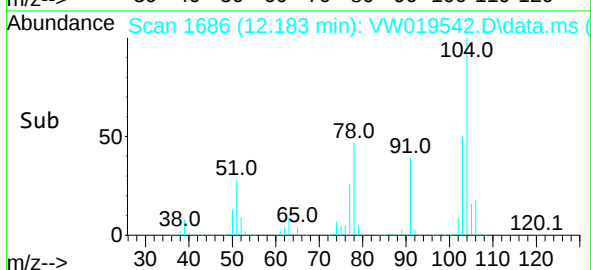
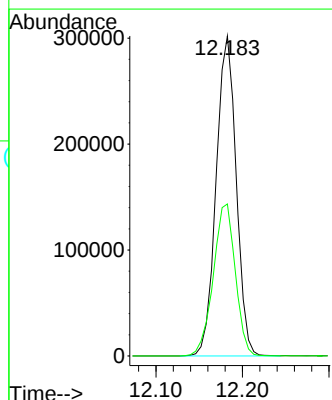
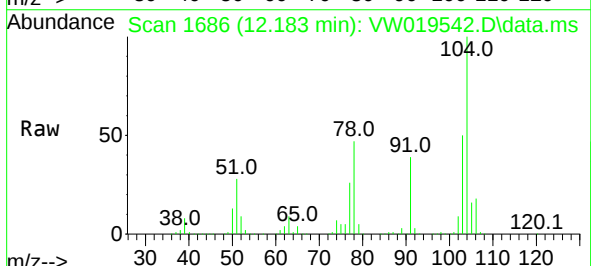
Instrument :  
MSVOA\_W  
ClientSampled :

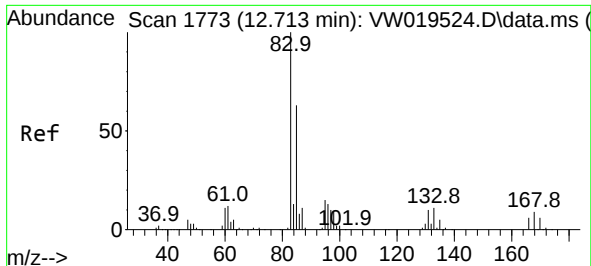
Tgt Ion:106 Resp: 281685  
Ion Ratio Lower Upper  
106 100  
91 217.8 150.0 278.6



#55  
Styrene  
Concen: 26.278 ug/L  
RT: 12.183 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion:104 Resp: 486224  
Ion Ratio Lower Upper  
104 100  
78 47.5 32.5 60.3

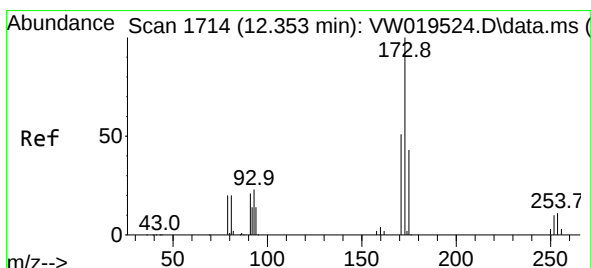
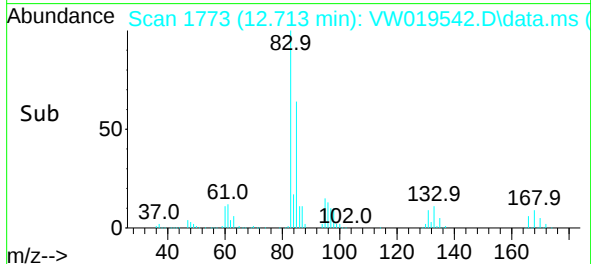
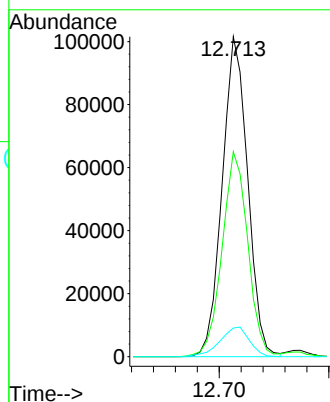
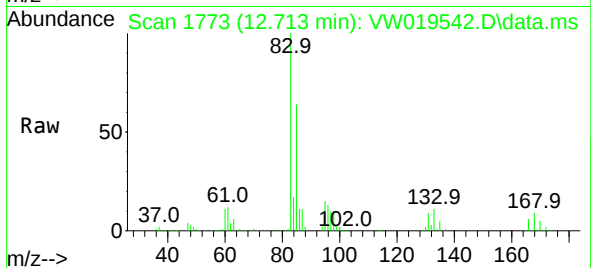




#57  
1,1,2,2-Tetrachloroethane  
Concen: 26.742 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

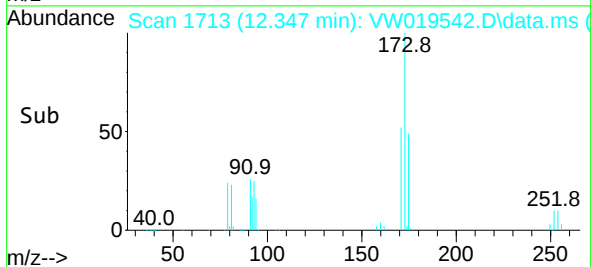
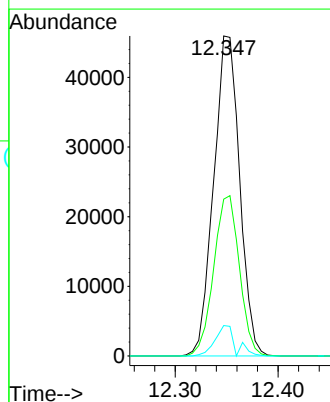
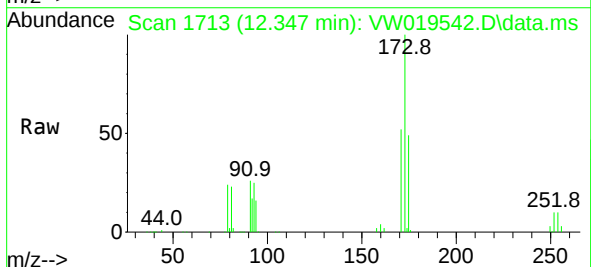
Instrument :  
MSVOA\_W  
ClientSampled :

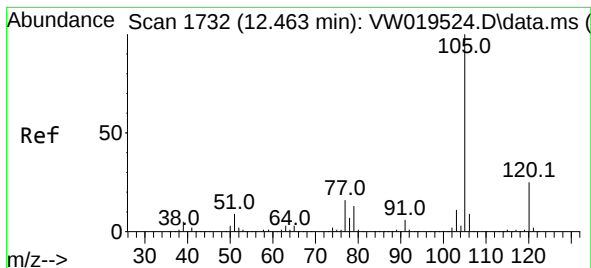
Tgt Ion: 83 Resp: 163644  
Ion Ratio Lower Upper  
83 100  
85 64.1 44.4 82.4  
131 9.0 8.2 12.4



#59  
Bromoform  
Concen: 26.185 ug/L  
RT: 12.347 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion:173 Resp: 80605  
Ion Ratio Lower Upper  
173 100  
175 49.6 37.5 56.3  
254 6.2 7.0 10.4#

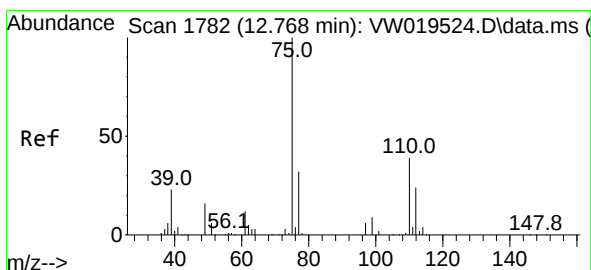
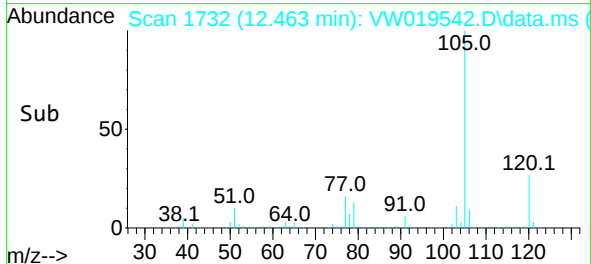
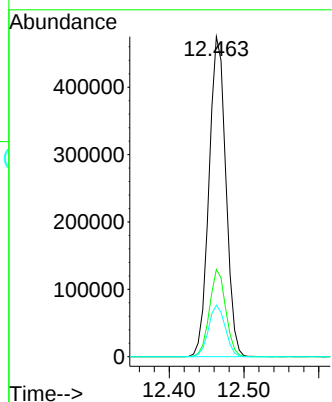
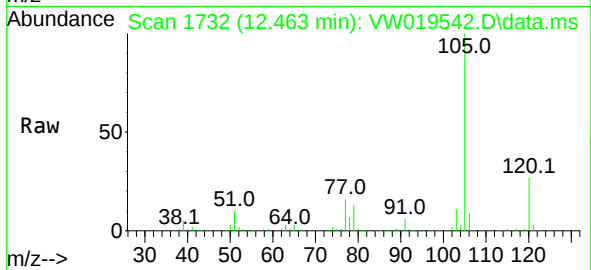




#60  
Isopropylbenzene  
Concen: 25.595 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

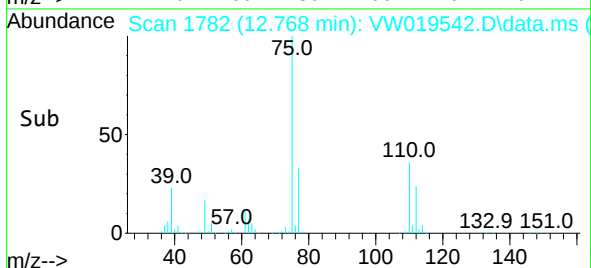
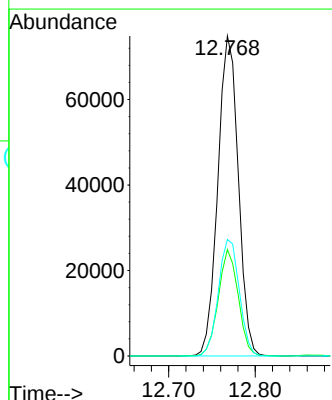
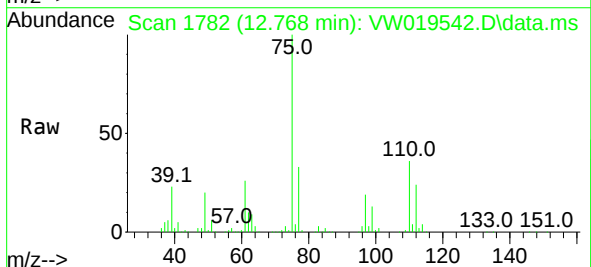
Instrument :  
MSVOA\_W  
ClientSampled :

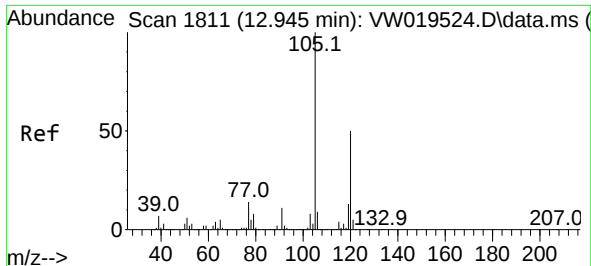
Tgt Ion:105 Resp: 741841  
Ion Ratio Lower Upper  
105 100  
120 26.3 21.1 31.7  
77 16.0 13.2 19.8



#61  
1,2,3-Trichloropropane  
Concen: 26.003 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion: 75 Resp: 122848  
Ion Ratio Lower Upper  
75 100  
77 32.4 25.3 37.9  
110 37.2 32.6 48.8

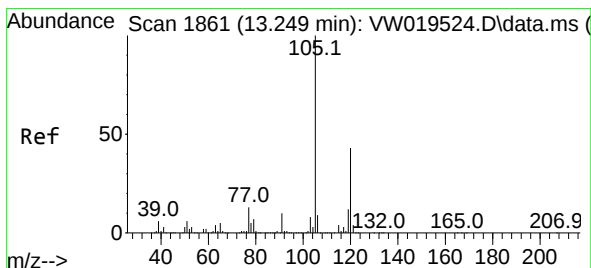
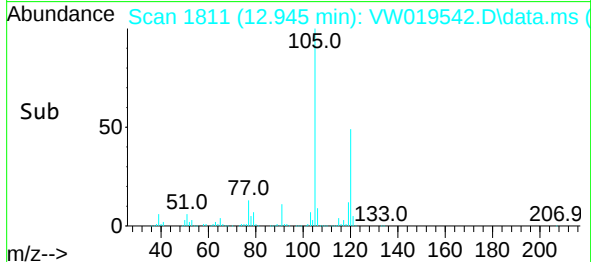
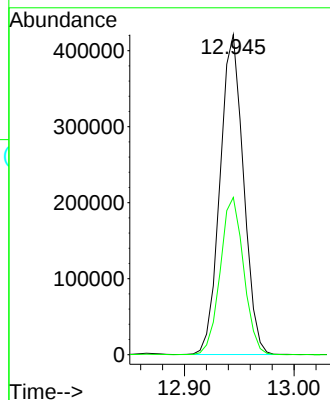
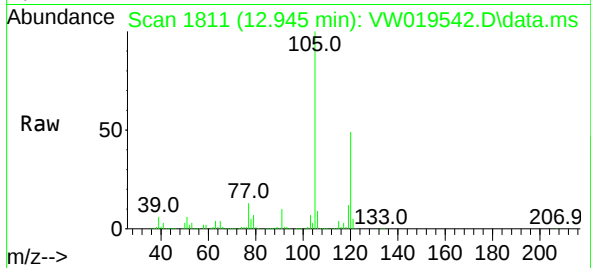




#62  
1,3,5-Trimethylbenzene  
Concen: 25.818 ug/L  
RT: 12.945 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

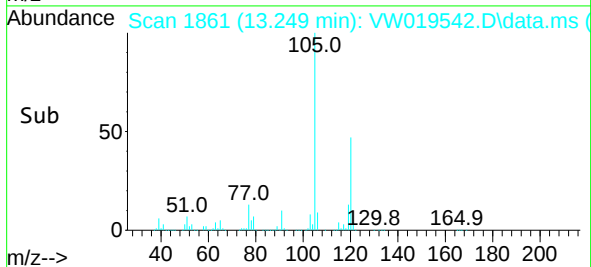
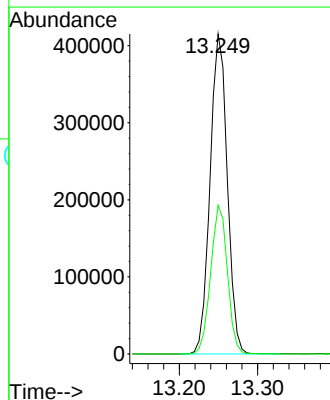
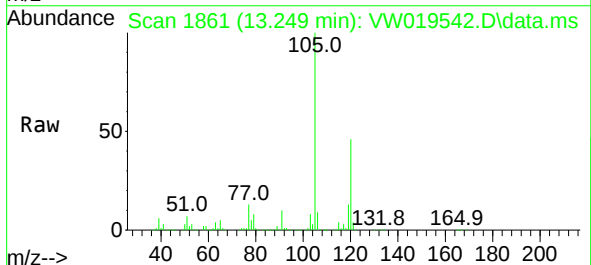
Instrument :  
MSVOA\_W  
ClientSampled :

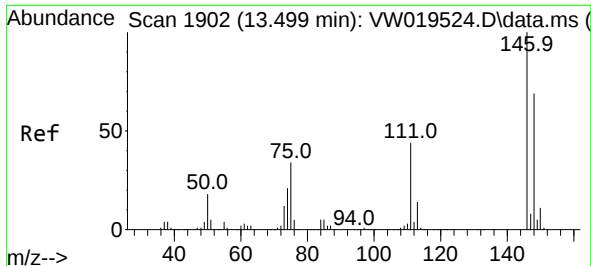
Tgt Ion:105 Resp: 626564  
Ion Ratio Lower Upper  
105 100  
120 49.0 39.0 58.6



#63  
1,2,4-Trimethylbenzene  
Concen: 25.862 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion:105 Resp: 632406  
Ion Ratio Lower Upper  
105 100  
120 45.1 35.6 53.4

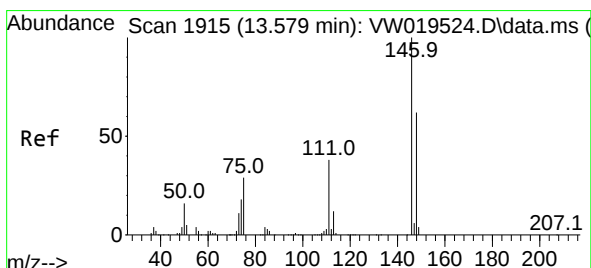
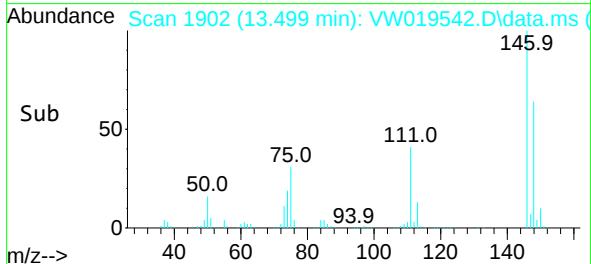
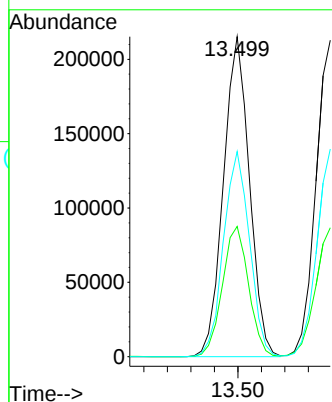
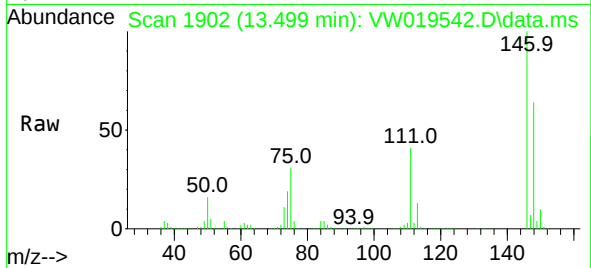




#64  
1,3-Dichlorobenzene  
Concen: 24.955 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

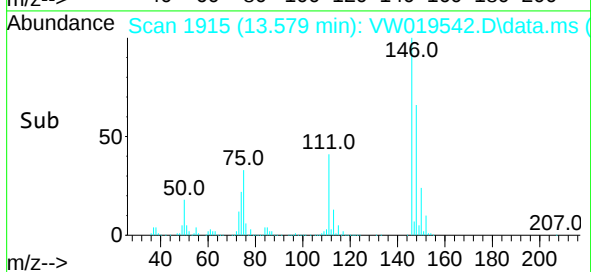
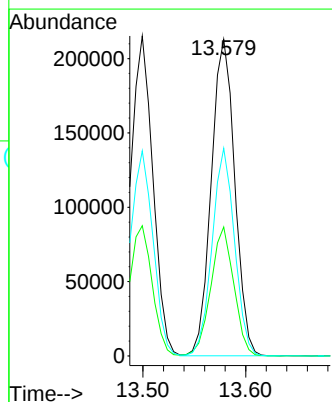
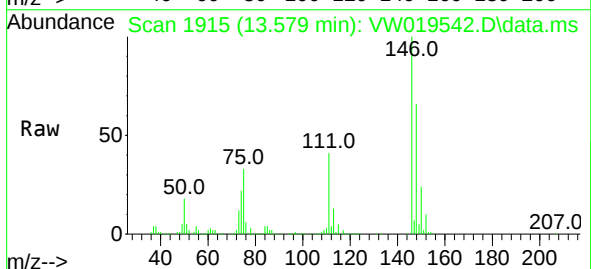
Instrument :  
MSVOA\_W  
ClientSampleId :

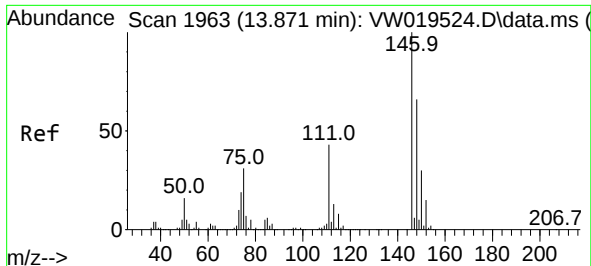
Tgt Ion:146 Resp: 330993  
Ion Ratio Lower Upper  
146 100  
111 40.7 26.7 49.7  
148 64.1 41.1 76.3



#65  
1,4-Dichlorobenzene  
Concen: 25.781 ug/L  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

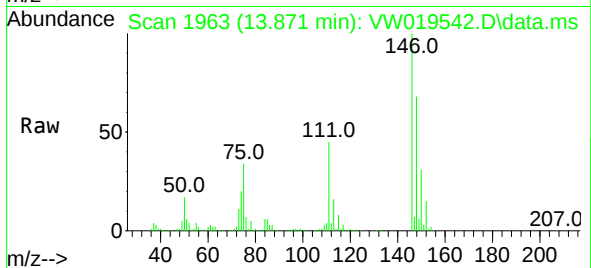
Tgt Ion:146 Resp: 337885  
Ion Ratio Lower Upper  
146 100  
111 40.7 28.8 53.4  
148 65.6 46.8 87.0



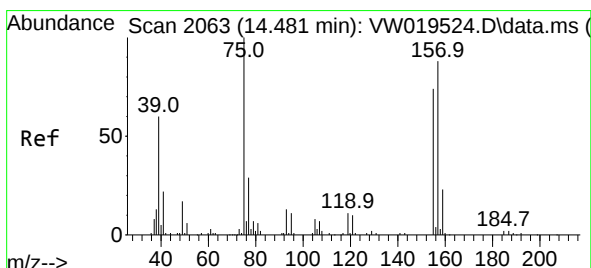
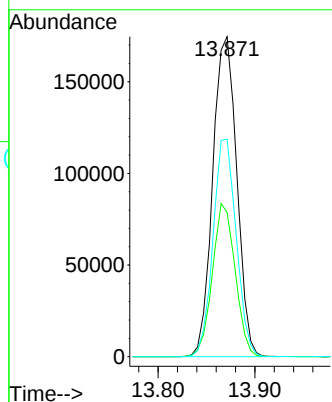
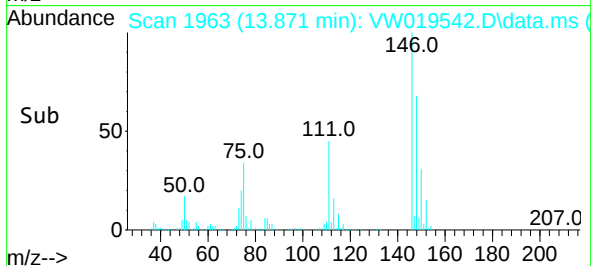


#67  
1,2-Dichlorobenzene  
Concen: 25.244 ug/L  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

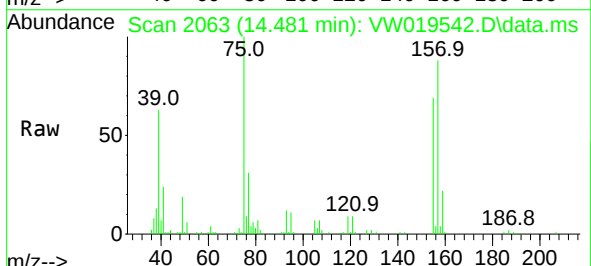
Instrument :  
MSVOA\_W  
ClientSampled :



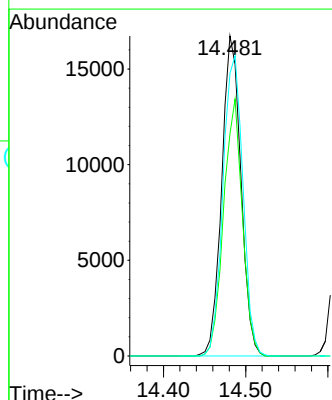
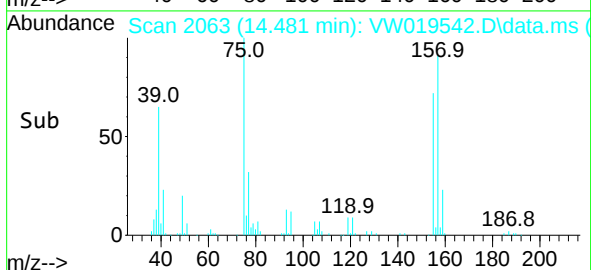
Tgt Ion:146 Resp: 301638  
Ion Ratio Lower Upper  
146 100  
111 45.1 33.2 49.8  
148 68.0 50.4 75.6

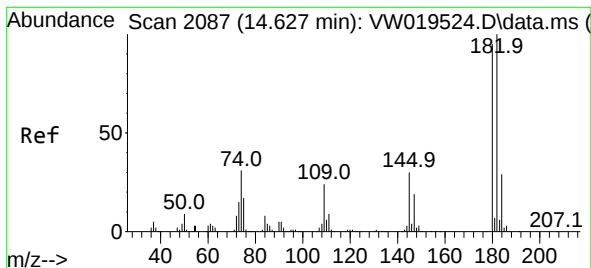


#68  
1,2-Dibromo-3-chloropropane  
Concen: 26.300 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41



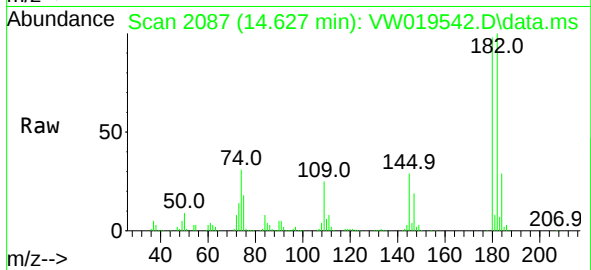
Tgt Ion: 75 Resp: 27114  
Ion Ratio Lower Upper  
75 100  
155 69.4 59.4 89.0  
157 88.3 72.2 108.2



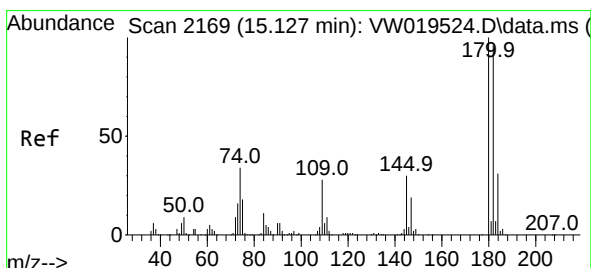
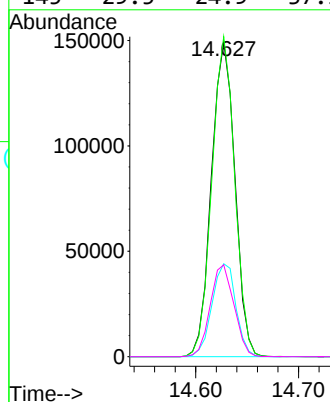
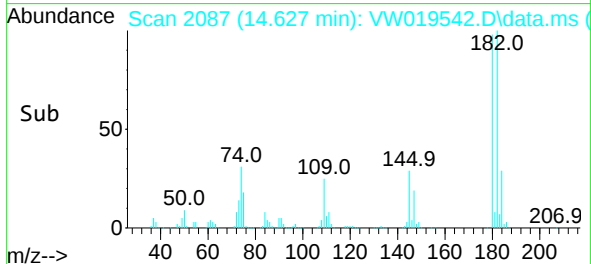


#69  
1,3,5-Trichlorobenzene  
Concen: 24.404 ug/L  
RT: 14.627 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

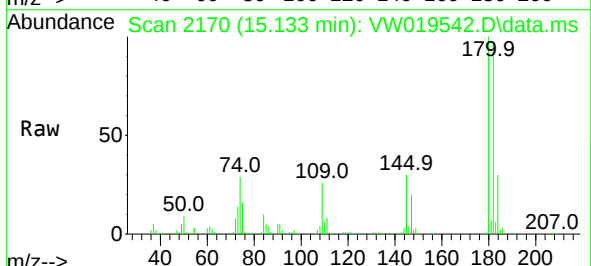
Instrument :  
MSVOA\_W  
ClientSampleId :



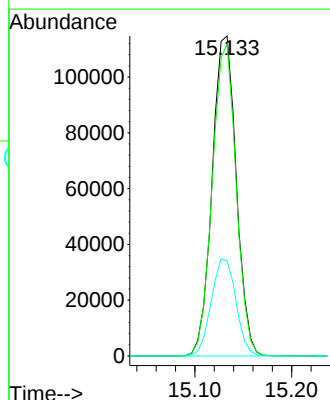
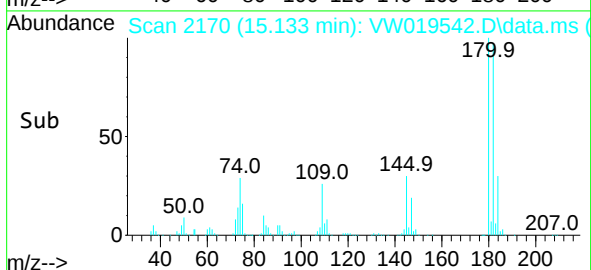
Tgt Ion:180 Resp: 236508  
Ion Ratio Lower Upper  
180 100  
182 99.0 73.4 110.2  
184 30.2 23.6 35.4  
145 29.5 24.9 37.3

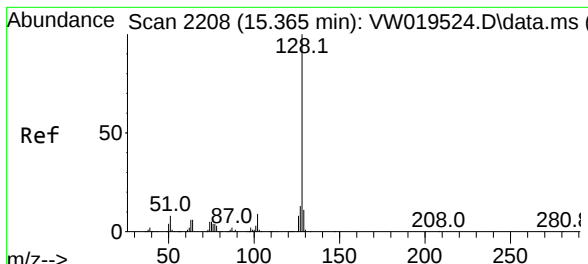


#70  
1,2,4-trichlorobenzene  
Concen: 24.513 ug/L  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41



Tgt Ion:180 Resp: 198617  
Ion Ratio Lower Upper  
180 100  
182 96.3 74.7 112.1  
145 31.0 25.0 37.4

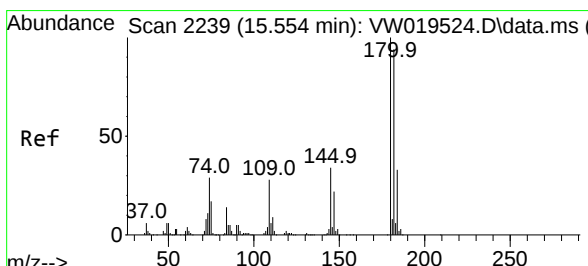
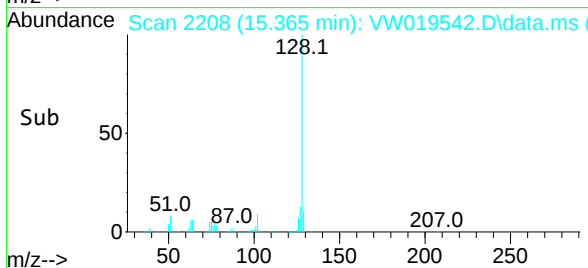
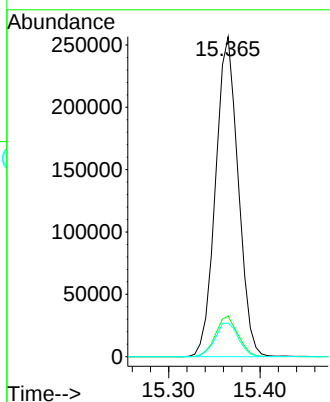
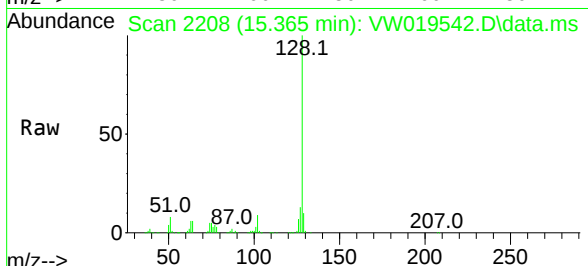




#71  
Naphthalene  
Concen: 26.989 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:128 Resp: 441660  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.6 15.8  
129 11.0 9.0 13.6



#72  
1,2,3-Trichlorobenzene  
Concen: 26.207 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VW019542.D  
Acq: 21 Jul 2021 18:41

Tgt Ion:180 Resp: 190158  
Ion Ratio Lower Upper  
180 100  
182 91.9 76.7 115.1  
145 32.1 28.9 43.3

