

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW123021\  
 Data File : VW021711.D  
 Acq On : 30 Dec 2021 17:18  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 31 00:54:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM122821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 31 00:51:50 2021  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) 1,4-Difluorobenzene        | 8.841     | 114   | 77917    | 25.000   | ug/L       | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628    | 117   | 78390    | 25.000   | ug/L       | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554    | 152   | 51161    | 25.000   | ug/L       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 4) Vinyl Chloride-d3          | 2.349     | 65    | 41552    | 27.047   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 150 | Recovery | = 108.200% |          |
| 7) Chloroethane-d5            | 2.879     | 69    | 31040    | 29.999   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 150 | Recovery | = 120.000% |          |
| 11) 1,1-Dichloroethene-d2     | 4.019     | 63    | 53998    | 24.019   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000    | Range | 45 - 110 | Recovery | = 96.080%  |          |
| 21) 2-Butanone-d5             | 7.073     | 46    | 13038    | 58.009   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 20 - 135 | Recovery | = 116.020% |          |
| 24) Chloroform-d              | 7.647     | 84    | 65183    | 26.781   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000    | Range | 40 - 150 | Recovery | = 107.120% |          |
| 26) 1,2-Dichloroethane-d4     | 8.305     | 65    | 34101    | 26.533   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000    | Range | 70 - 130 | Recovery | = 106.120% |          |
| 32) Benzene-d6                | 8.274     | 84    | 117427   | 25.228   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000    | Range | 20 - 135 | Recovery | = 100.920% |          |
| 36) 1,2-Dichloropropane-d6    | 9.274     | 67    | 32847    | 26.013   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000    | Range | 70 - 120 | Recovery | = 104.040% |          |
| 41) Toluene-d8                | 10.323    | 98    | 119071   | 25.675   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 130 | Recovery | = 102.720% |          |
| 43) trans-1,3-Dichloroprop... | 10.579    | 79    | 15825    | 25.756   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000    | Range | 30 - 135 | Recovery | = 103.040% |          |
| 47) 2-Hexanone-d5             | 10.926    | 63    | 10865    | 56.737   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 20 - 135 | Recovery | = 113.480% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688    | 84    | 30098    | 28.913   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000    | Range | 45 - 120 | Recovery | = 115.640% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853    | 152   | 47500    | 24.279   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000    | Range | 75 - 120 | Recovery | = 97.120%  |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 2) Dichlorodifluoromethane    | 2.007     | 85    | 16436    | 35.574   | ug/L       | 98       |
| 3) Chloromethane              | 2.215     | 50    | 27987    | 23.453   | ug/L       | 100      |
| 5) Vinyl chloride             | 2.355     | 62    | 47119    | 26.772   | ug/L       | 97       |
| 6) Bromomethane               | 2.775     | 94    | 33724    | 29.448   | ug/L       | 99       |
| 8) Chloroethane               | 2.916     | 64    | 24118    | 28.757   | ug/L       | 96       |
| 9) Trichlorofluoromethane     | 3.251     | 101   | 23397    | 22.095   | ug/L       | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.056     | 101   | 33821    | 26.224   | ug/L       | 89       |
| 12) 1,1-Dichloroethene        | 4.037     | 96    | 29034    | 25.171   | ug/L       | 82       |
| 13) Acetone                   | 4.117     | 43    | 10317    | 54.062   | ug/L #     | 49       |
| 14) Carbon disulfide          | 4.385     | 76    | 86967    | 26.054   | ug/L       | 100      |
| 15) Methyl Acetate            | 4.671     | 43    | 9912     | 27.222   | ug/L #     | 85       |
| 16) Methylene chloride        | 4.909     | 84    | 33405    | 24.016   | ug/L       | 79       |
| 17) trans-1,2-Dichloroethene  | 5.421     | 96    | 31483    | 25.837   | ug/L       | 82       |
| 18) Methyl tert-butyl Ether   | 5.421     | 73    | 42962    | 25.320   | ug/L       | 93       |
| 19) 1,1-Dichloroethane        | 6.214     | 63    | 49173    | 25.866   | ug/L       | 95       |
| 20) cis-1,2-Dichloroethene    | 7.171     | 96    | 32826    | 25.951   | ug/L       | 71       |
| 22) 2-Butanone                | 7.171     | 43    | 14153    | 54.553   | ug/L       | 84       |
| 23) Bromochloromethane        | 7.519     | 128   | 16731    | 27.364   | ug/L #     | 62       |
| 25) Chloroform                | 7.671     | 83    | 58123    | 26.504   | ug/L       | 97       |

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 ALS Vial : 1 Sample Multiplier: 1

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 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 31 00:54:35 2021  
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 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 31 00:51:50 2021  
 Response via : Initial Calibration

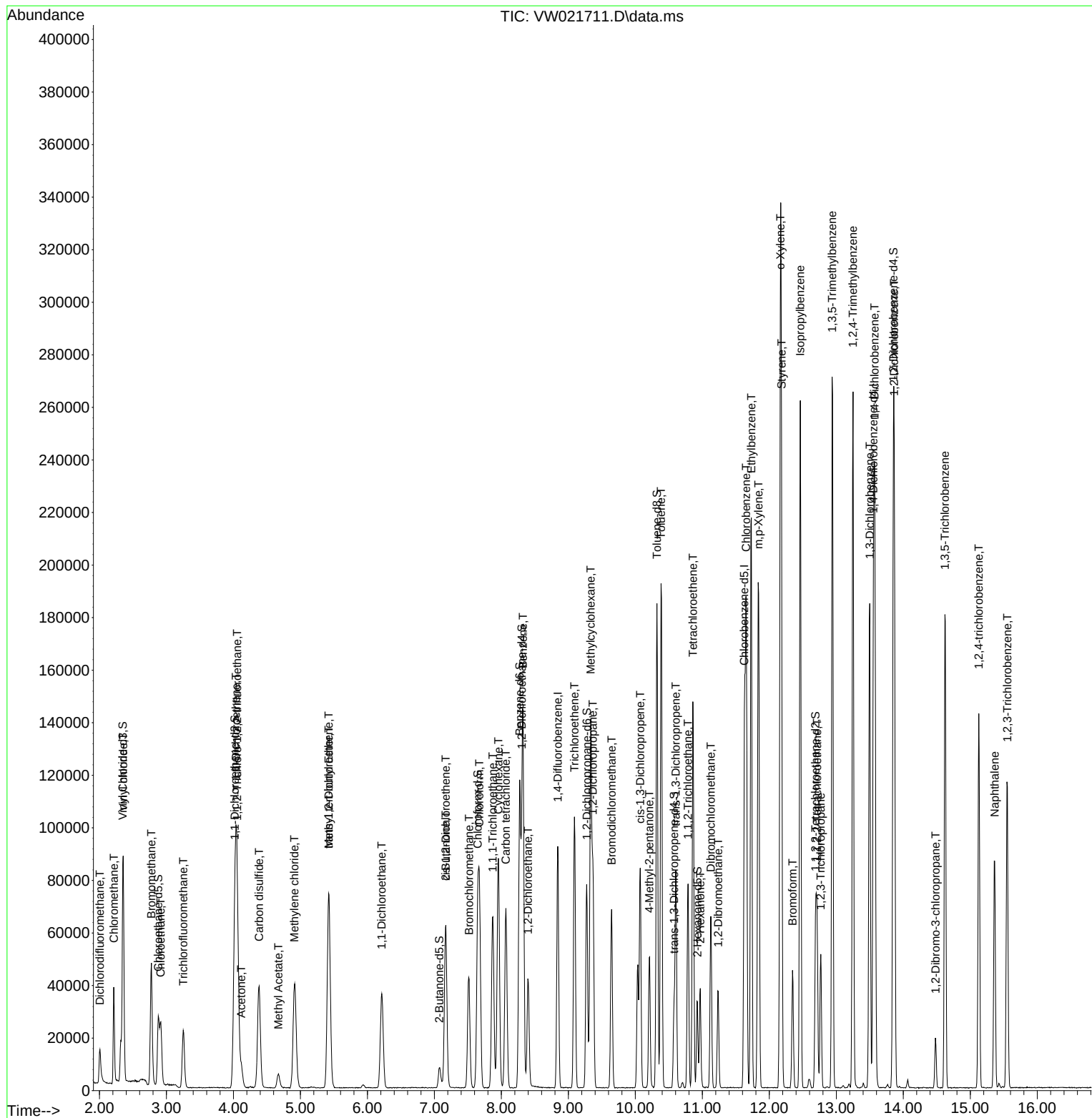
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 8.396  | 62   | 37082    | 26.070 | ug/L # | 94       |
| 29) Cyclohexane               | 7.957  | 56   | 44083    | 24.318 | ug/L # | 79       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 52976    | 25.613 | ug/L   | 94       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 51918    | 25.814 | ug/L   | 99       |
| 33) Benzene                   | 8.323  | 78   | 122655   | 25.644 | ug/L   | 100      |
| 34) Trichloroethene           | 9.091  | 95   | 34570    | 25.461 | ug/L   | 95       |
| 35) Methylcyclohexane         | 9.335  | 83   | 56341    | 25.150 | ug/L # | 84       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 27606    | 26.043 | ug/L # | 96       |
| 38) Bromodichloromethane      | 9.646  | 83   | 43262    | 26.739 | ug/L # | 93       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 46642    | 26.931 | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 30449    | 52.145 | ug/L # | 91       |
| 42) Toluene                   | 10.384 | 91   | 140319   | 25.414 | ug/L   | 95       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 41635    | 26.756 | ug/L   | 97       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 23035    | 26.163 | ug/L   | 95       |
| 46) Tetrachloroethene         | 10.859 | 164  | 31777    | 24.991 | ug/L   | 96       |
| 48) 2-Hexanone                | 10.969 | 43   | 22380    | 56.436 | ug/L # | 92       |
| 49) Dibromochloromethane      | 11.128 | 129  | 33597    | 28.401 | ug/L   | 94       |
| 50) 1,2-Dibromoethane         | 11.237 | 107  | 23400    | 26.463 | ug/L # | 99       |
| 51) Chlorobenzene             | 11.652 | 112  | 92483    | 25.960 | ug/L   | 93       |
| 52) Ethylbenzene              | 11.731 | 91   | 154123   | 24.868 | ug/L   | 93       |
| 53) m,p-Xylene                | 11.841 | 106  | 62193    | 25.044 | ug/L   | 82       |
| 54) o-Xylene                  | 12.164 | 106  | 59895    | 25.447 | ug/L   | 96       |
| 55) Styrene                   | 12.182 | 104  | 104166   | 25.769 | ug/L   | 92       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 26582    | 27.294 | ug/L # | 98       |
| 59) Bromoform                 | 12.347 | 173  | 19778    | 26.488 | ug/L   | 97       |
| 60) Isopropylbenzene          | 12.463 | 105  | 161527   | 22.649 | ug/L   | 95       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 19299    | 24.651 | ug/L # | 93       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 142298   | 23.601 | ug/L   | 94       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 139245   | 23.250 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 76479    | 22.713 | ug/L   | 91       |
| 65) 1,4-Dichlorobenzene       | 13.572 | 146  | 77721    | 23.148 | ug/L   | 88       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 69065    | 23.493 | ug/L   | 93       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 4386     | 25.443 | ug/L # | 67       |
| 69) 1,3,5-Trichlorobenzene    | 14.621 | 180  | 60063    | 24.282 | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 45877    | 23.235 | ug/L   | 98       |
| 71) Naphthalene               | 15.365 | 128  | 75735    | 23.575 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 41094    | 24.725 | ug/L   | 96       |

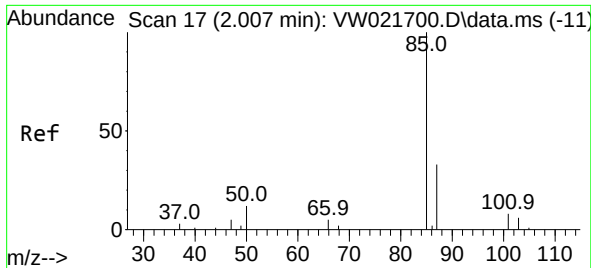
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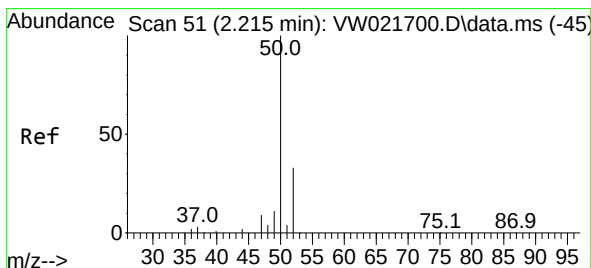
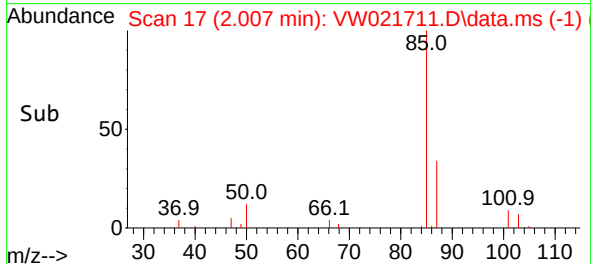
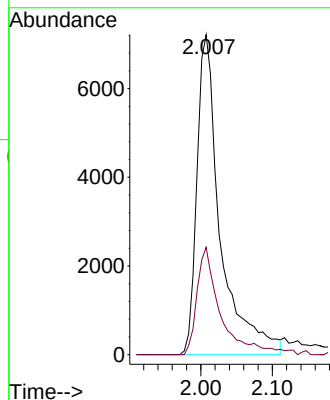
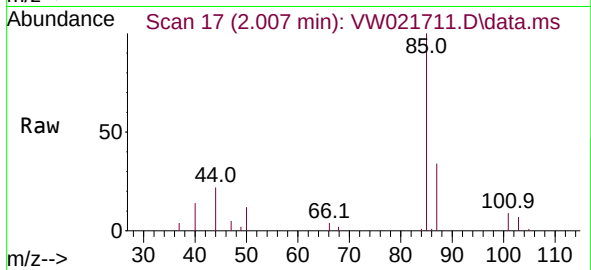




#2  
 Dichlorodifluoromethane  
 Concen: 35.574 ug/L  
 RT: 2.007 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VW021711.D  
 Acq: 30 Dec 2021 17:18

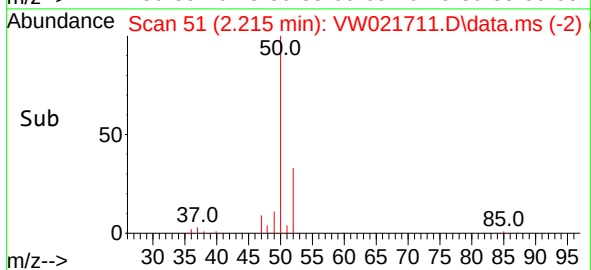
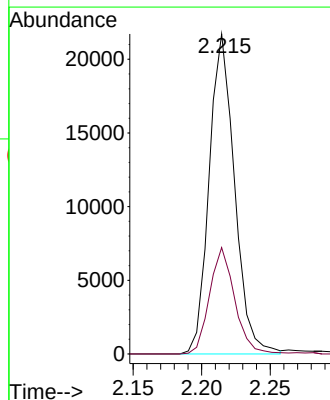
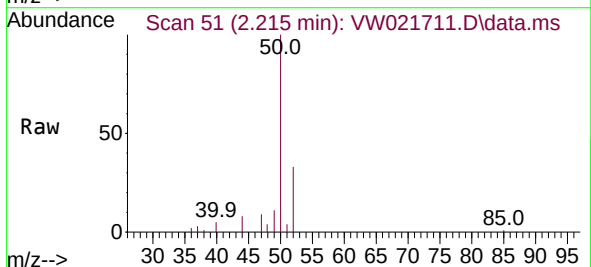
Instrument :  
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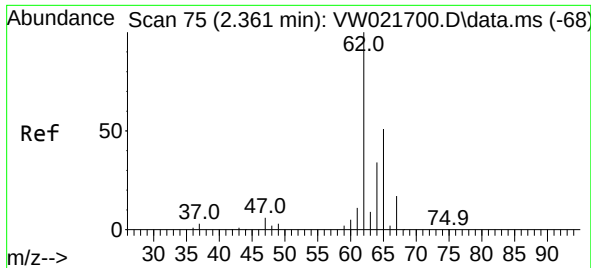
Tgt Ion: 85 Resp: 16436  
 Ion Ratio Lower Upper  
 85 100  
 87 30.9 25.8 38.6



#3  
 Chloromethane  
 Concen: 23.453 ug/L  
 RT: 2.215 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VW021711.D  
 Acq: 30 Dec 2021 17:18

Tgt Ion: 50 Resp: 27987  
 Ion Ratio Lower Upper  
 50 100  
 52 33.2 23.4 43.6

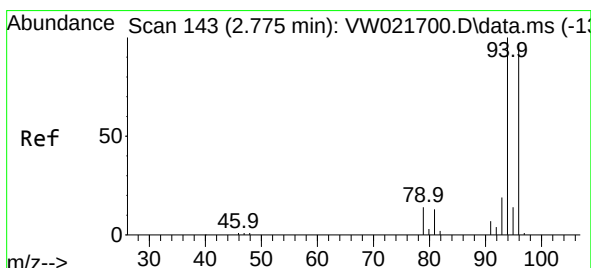
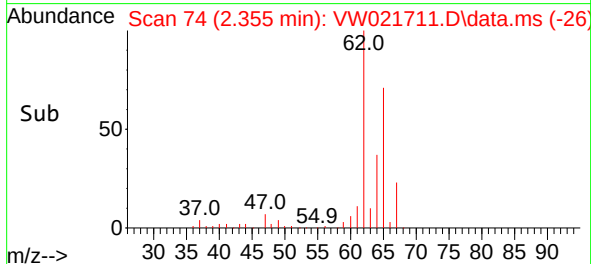
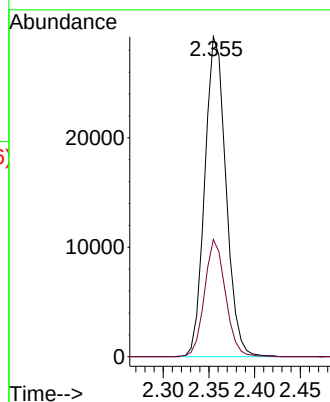
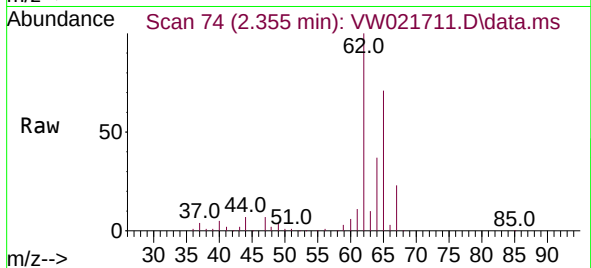




#5  
 Vinyl chloride  
 Concen: 26.772 ug/L  
 RT: 2.355 min Scan# 74  
 Delta R.T. -0.006 min  
 Lab File: VW021711.D  
 Acq: 30 Dec 2021 17:18

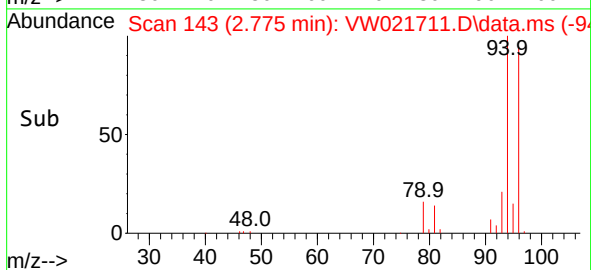
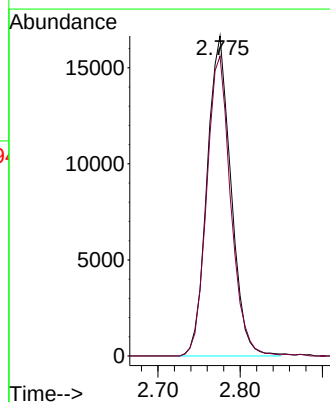
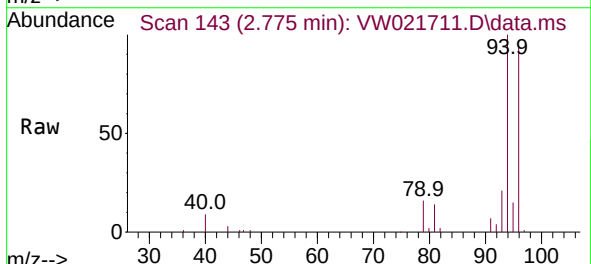
Instrument :  
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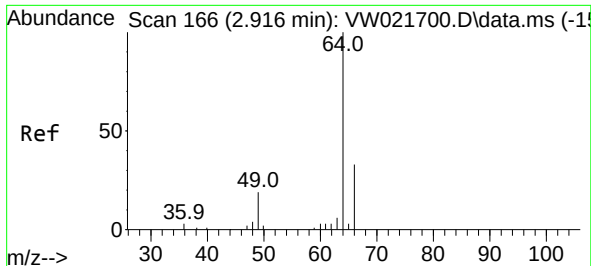
Tgt Ion: 62 Resp: 47119  
 Ion Ratio Lower Upper  
 62 100  
 64 36.6 24.4 45.2



#6  
 Bromomethane  
 Concen: 29.448 ug/L  
 RT: 2.775 min Scan# 143  
 Delta R.T. 0.000 min  
 Lab File: VW021711.D  
 Acq: 30 Dec 2021 17:18

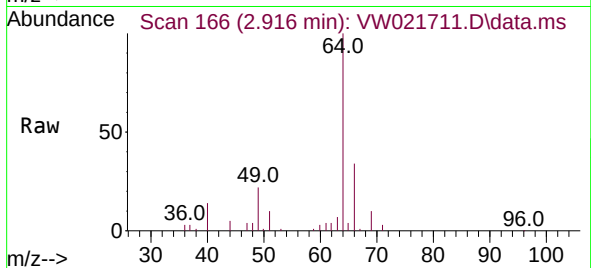
Tgt Ion: 94 Resp: 33724  
 Ion Ratio Lower Upper  
 94 100  
 96 93.7 64.8 120.4



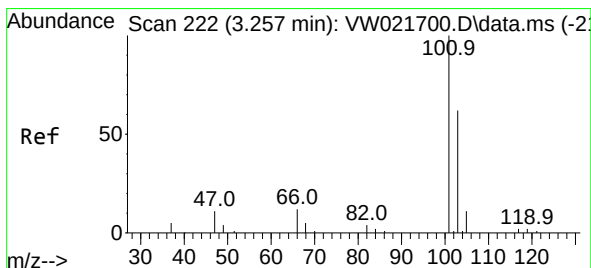
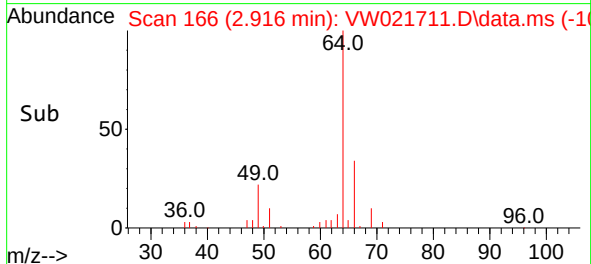
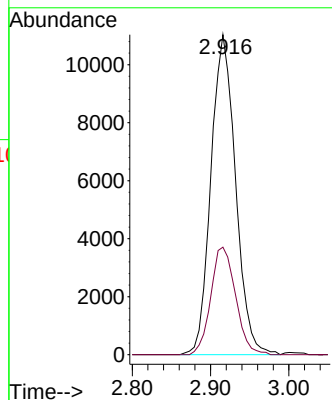


#8  
Chloroethane  
Concen: 28.757 ug/L  
RT: 2.916 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Instrument :  
MSVOA\_W  
ClientSampleId :

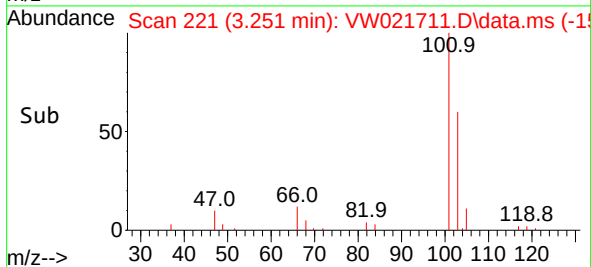
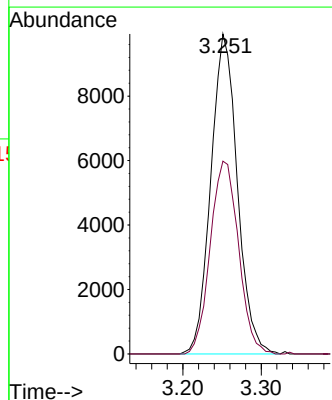
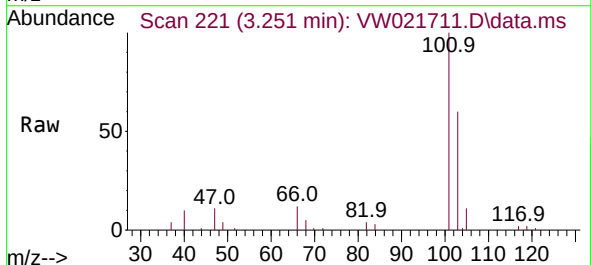


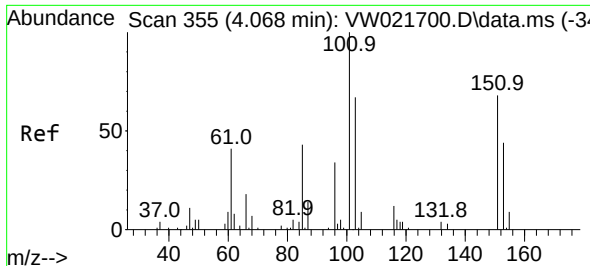
Tgt Ion: 64 Resp: 24118  
Ion Ratio Lower Upper  
64 100  
66 33.6 22.0 40.8



#9  
Trichlorofluoromethane  
Concen: 22.095 ug/L  
RT: 3.251 min Scan# 221  
Delta R.T. -0.006 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Tgt Ion:101 Resp: 23397  
Ion Ratio Lower Upper  
101 100  
103 64.0 51.4 77.2

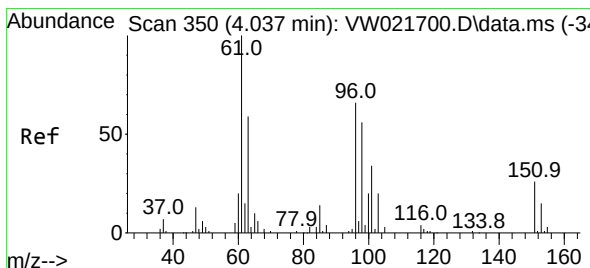
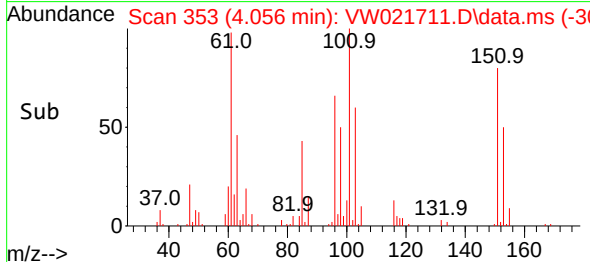
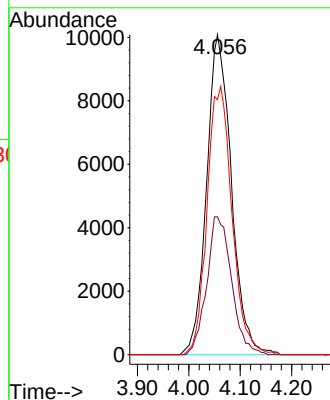
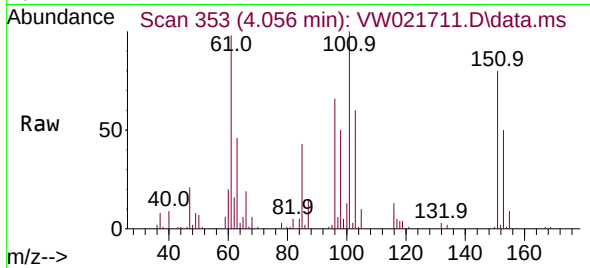




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 26.224 ug/L  
 RT: 4.056 min Scan# 31  
 Delta R.T. -0.012 min  
 Lab File: VW021711.D  
 Acq: 30 Dec 2021 17:18

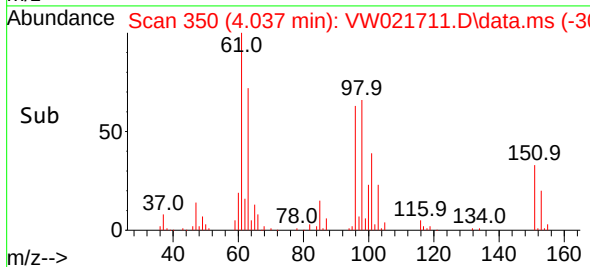
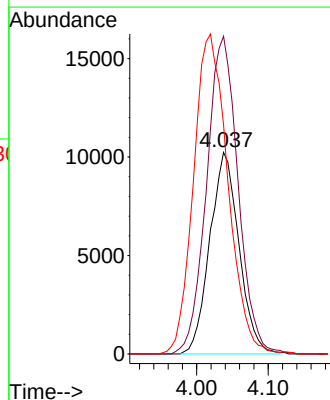
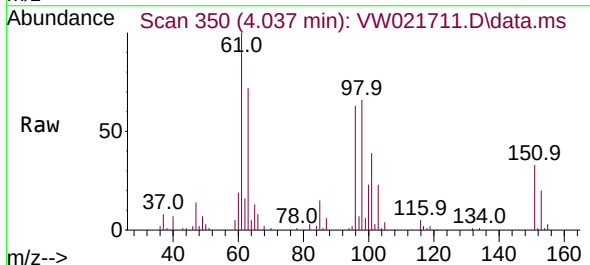
Instrument :  
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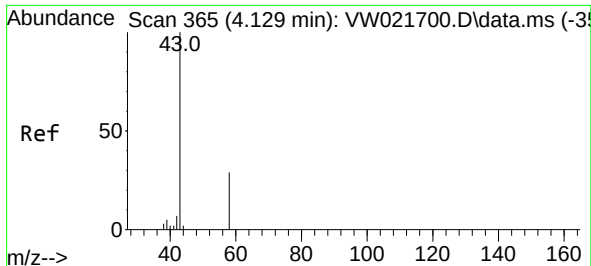
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 Ion Ratio Lower Upper  
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 151 84.2 57.4 86.0



#12  
 1,1-Dichloroethene  
 Concen: 25.171 ug/L  
 RT: 4.037 min Scan# 350  
 Delta R.T. 0.000 min  
 Lab File: VW021711.D  
 Acq: 30 Dec 2021 17:18

Tgt Ion: 96 Resp: 29034  
 Ion Ratio Lower Upper  
 96 100  
 61 157.5 138.3 256.9  
 63 113.7 82.6 153.4





#13

Acetone

Concen: 54.062 ug/L

RT: 4.117 min Scan# 363

Delta R.T. -0.012 min

Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

Instrument :

MSVOA\_W

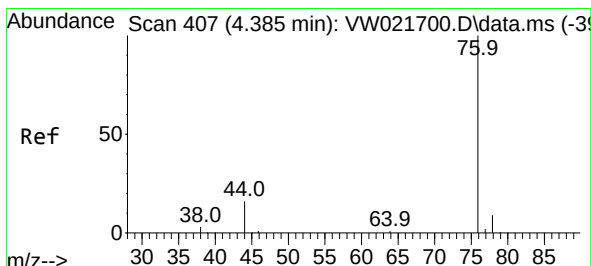
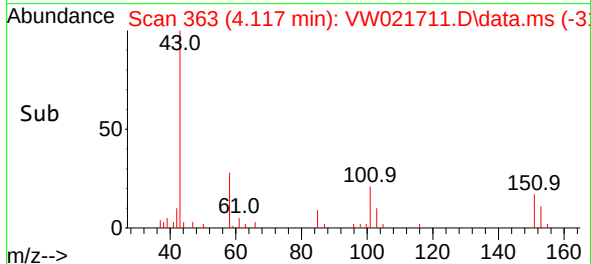
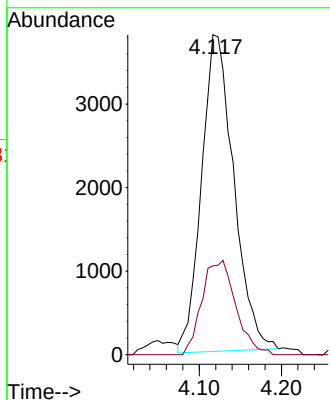
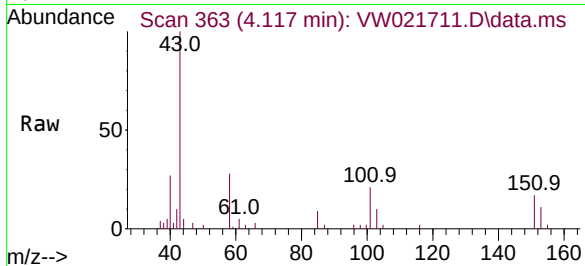
ClientSampleId :

Tgt Ion: 43 Resp: 10317

Ion Ratio Lower Upper

43 100

58 0.0 0.0 52.8



#14

Carbon disulfide

Concen: 26.054 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021711.D

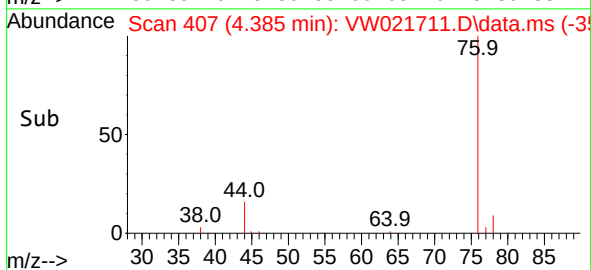
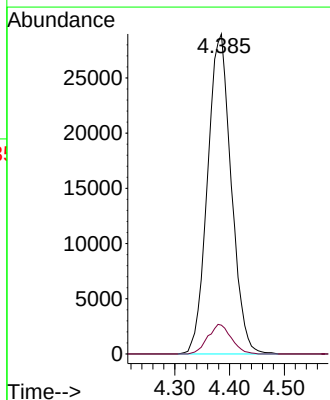
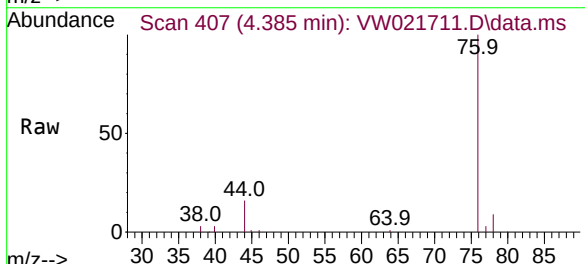
Acq: 30 Dec 2021 17:18

Tgt Ion: 76 Resp: 86967

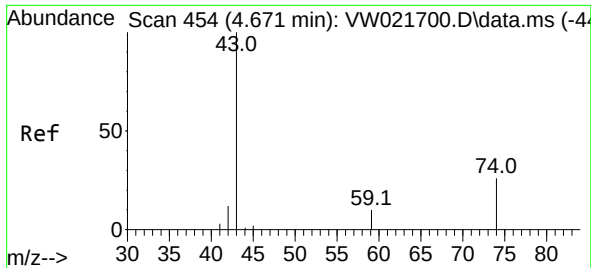
Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



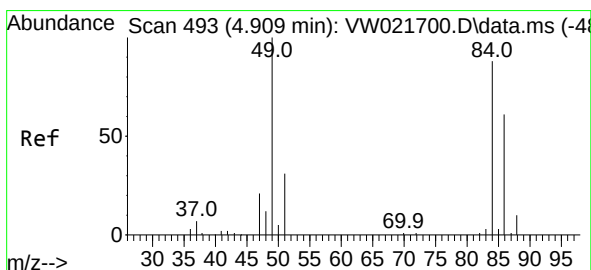
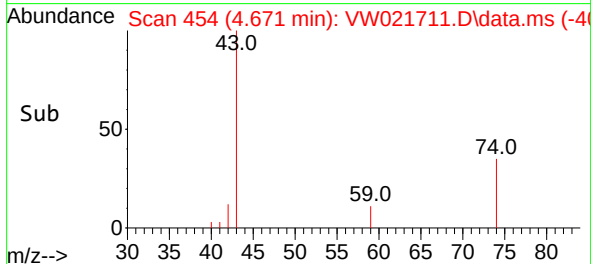
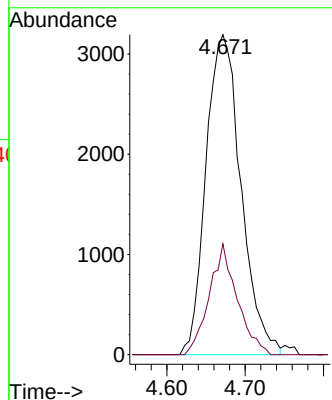
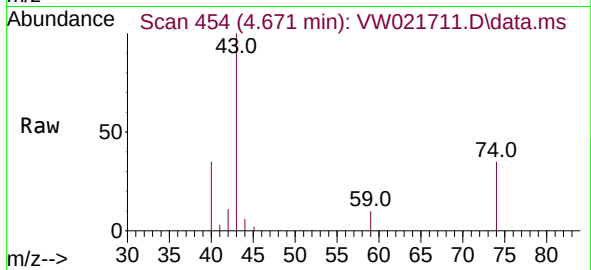




#15  
Methyl Acetate  
Concen: 27.222 ug/L  
RT: 4.671 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

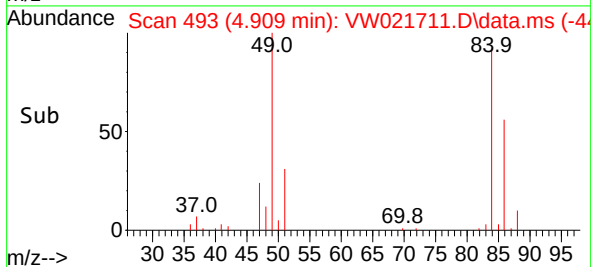
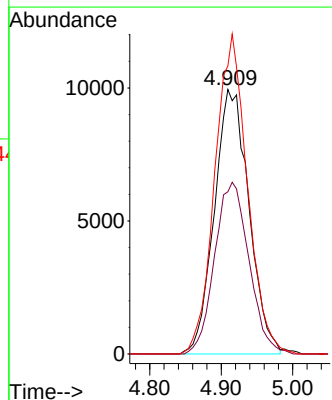
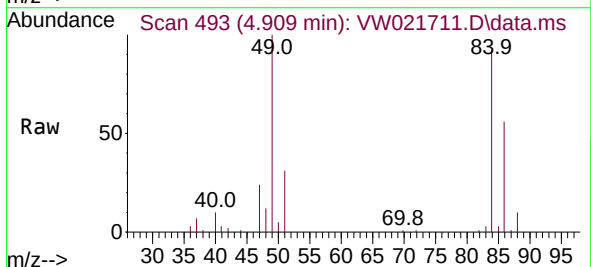
Instrument :  
MSVOA\_W  
ClientSampleId :

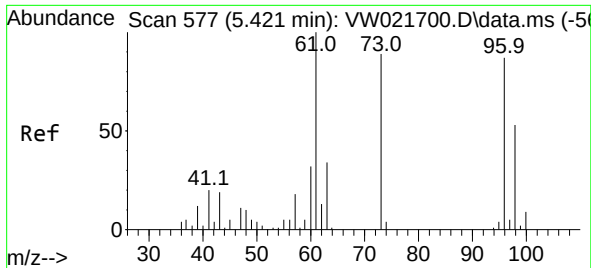
Tgt Ion: 43 Resp: 9912  
Ion Ratio Lower Upper  
43 100  
74 27.6 16.4 24.6#



#16  
Methylene chloride  
Concen: 24.016 ug/L  
RT: 4.909 min Scan# 493  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Tgt Ion: 84 Resp: 33405  
Ion Ratio Lower Upper  
84 100  
86 61.3 45.5 84.5  
49 108.8 100.5 186.7

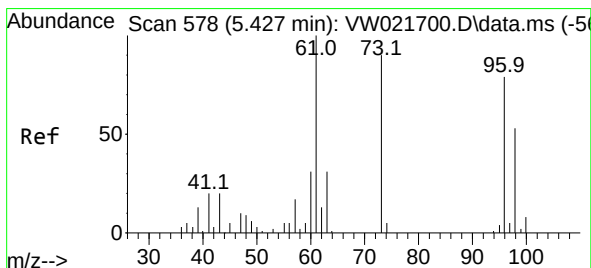
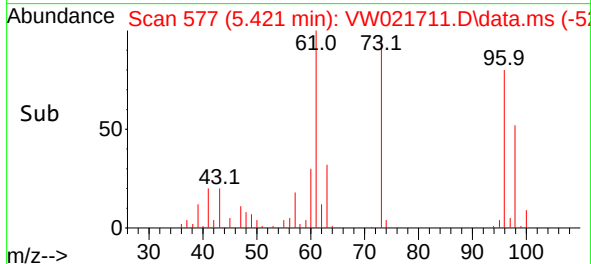
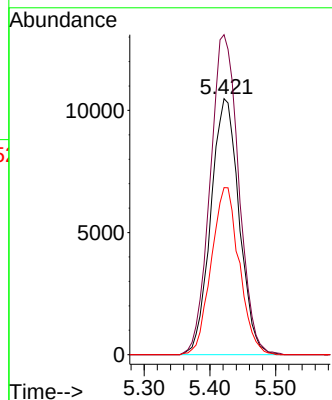
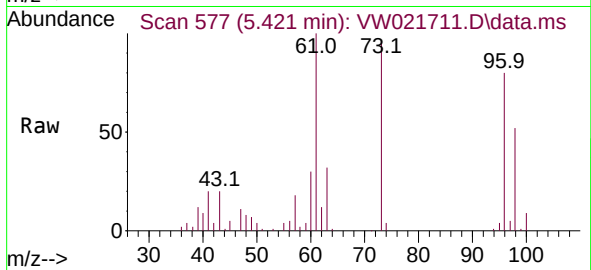




#17  
trans-1,2-Dichloroethene  
Concen: 25.837 ug/L  
RT: 5.421 min Scan# 577  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

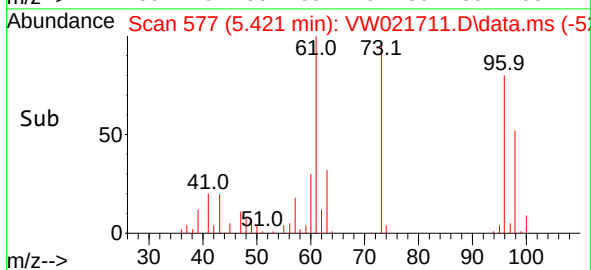
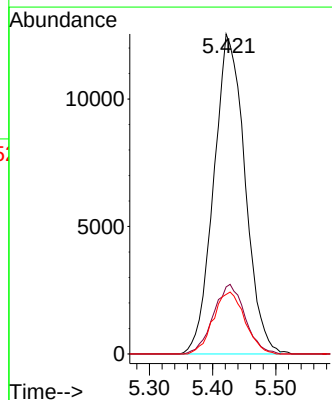
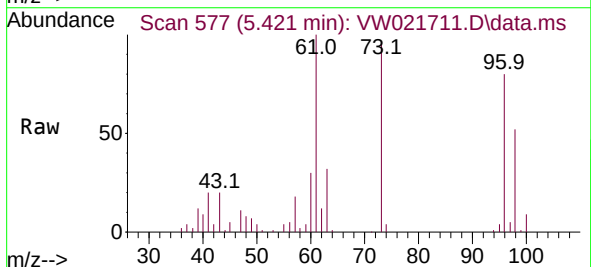
Instrument :  
MSVOA\_W  
ClientSampleId :

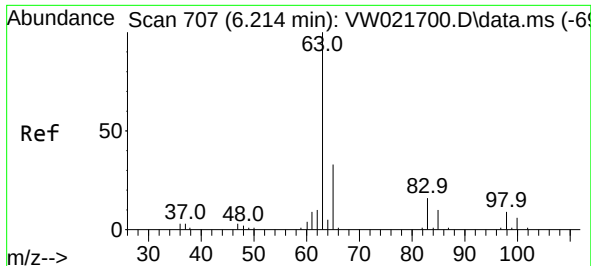
Tgt Ion: 96 Resp: 31483  
Ion Ratio Lower Upper  
96 100  
61 125.0 107.4 199.4  
98 65.2 41.2 76.6



#18  
Methyl tert-butyl Ether  
Concen: 25.320 ug/L  
RT: 5.421 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Tgt Ion: 73 Resp: 42962  
Ion Ratio Lower Upper  
73 100  
43 22.0 19.5 29.3  
57 19.7 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.866 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW021711.D

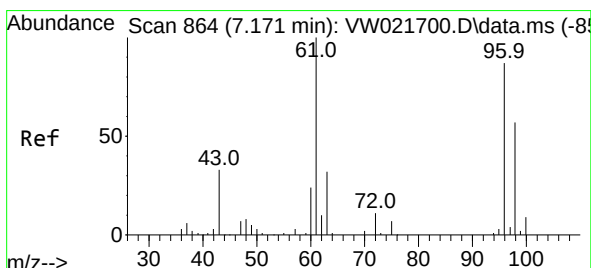
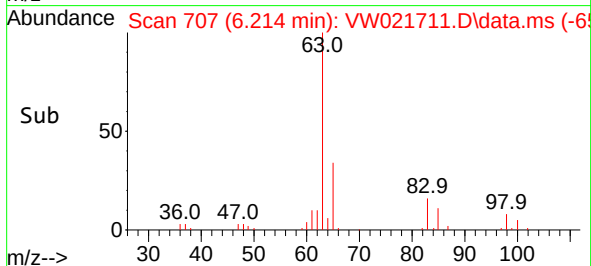
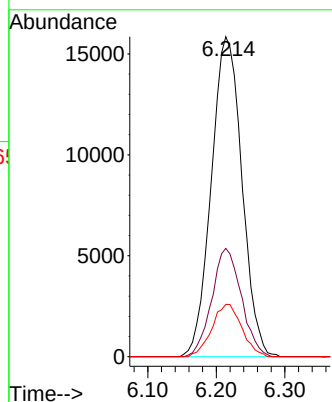
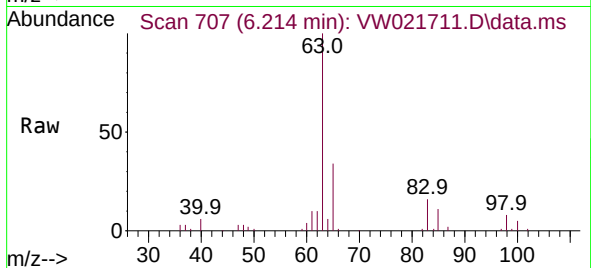
Acq: 30 Dec 2021 17:18

Instrument :

MSVOA\_W

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 49173 |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 65 33.8     | 22.1 41.1   |
| 83 16.4     | 9.2 17.2    |



#20

cis-1,2-Dichloroethene

Concen: 25.951 ug/L

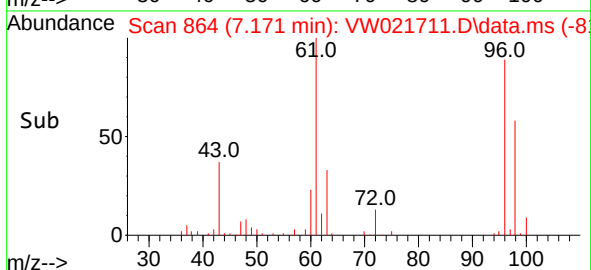
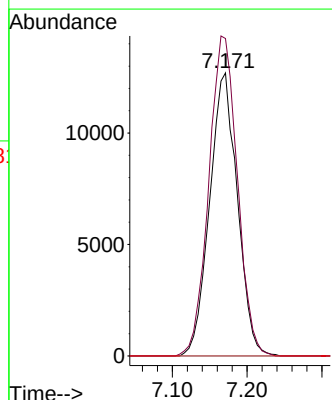
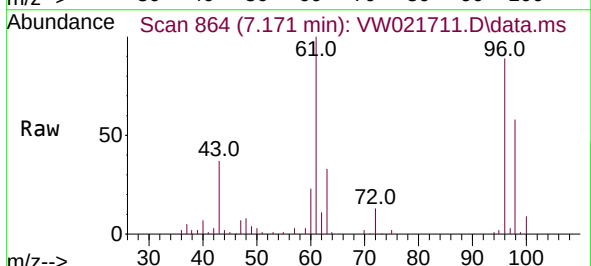
RT: 7.171 min Scan# 864

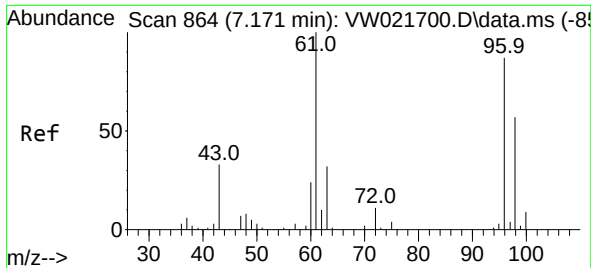
Delta R.T. 0.000 min

Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 32826 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 112.1    | 103.7 192.7 |
| 68 0.0      | 0.0 0.0     |

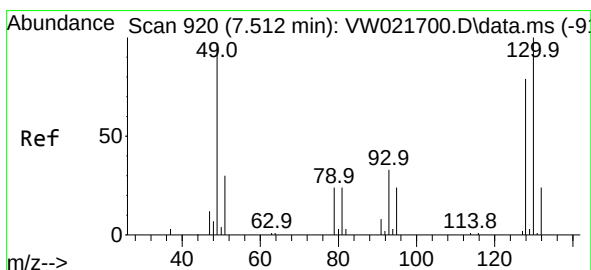
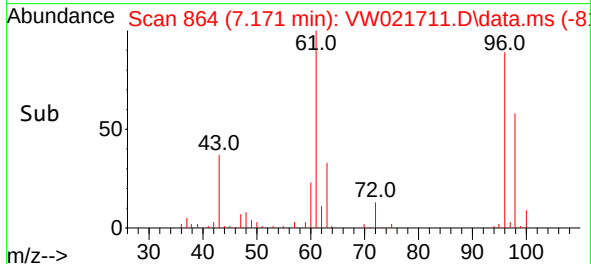
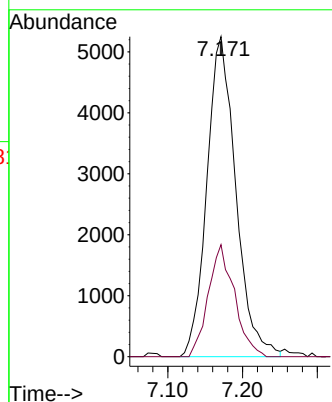
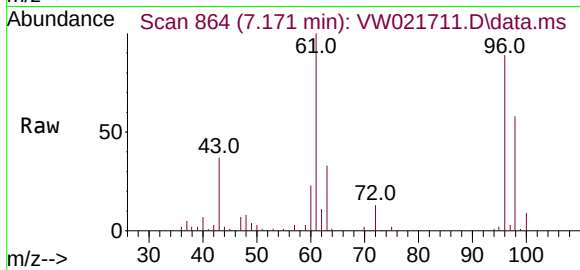




#22  
2-Butanone  
Concen: 54.553 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

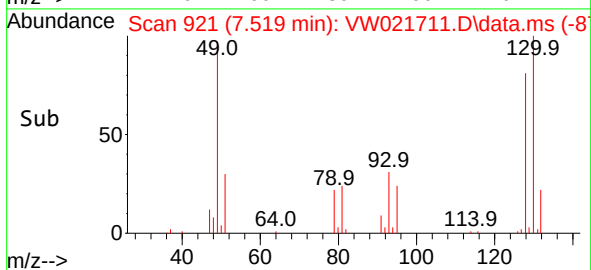
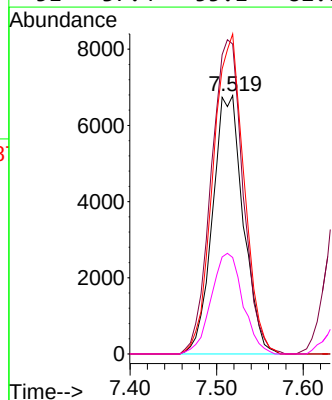
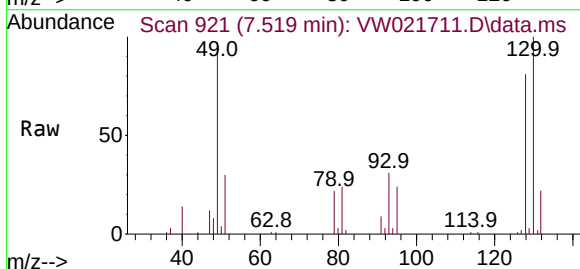
Instrument :  
MSVOA\_W  
ClientSampleId :

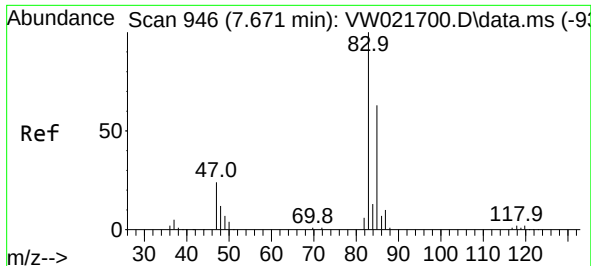
Tgt Ion: 43 Resp: 14153  
Ion Ratio Lower Upper  
43 100  
72 31.5 11.8 35.4



#23  
Bromochloromethane  
Concen: 27.364 ug/L  
RT: 7.519 min Scan# 921  
Delta R.T. 0.006 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Tgt Ion: 128 Resp: 16731  
Ion Ratio Lower Upper  
128 100  
49 119.9 150.3 279.1#  
130 123.9 88.3 163.9  
51 37.4 55.1 82.7#

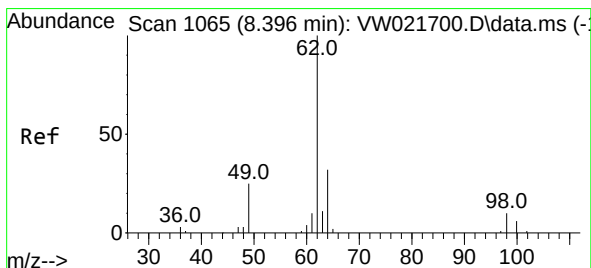
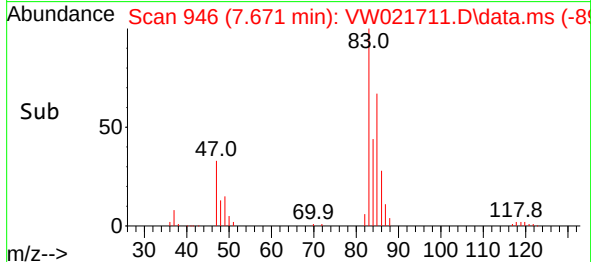
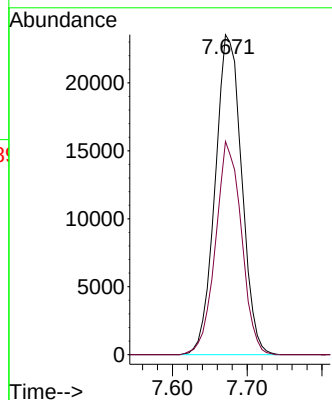
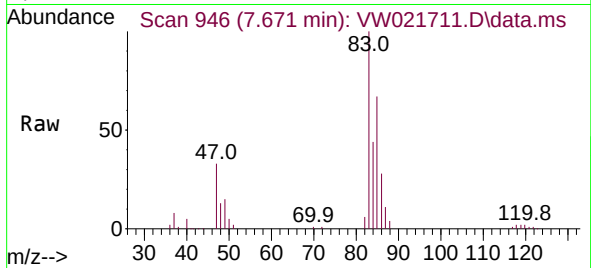




#25  
Chloroform  
Concen: 26.504 ug/L  
RT: 7.671 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

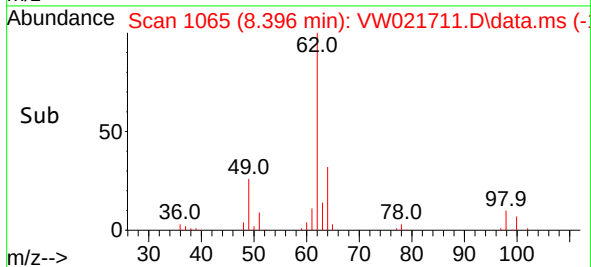
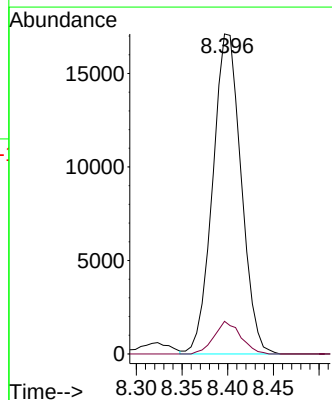
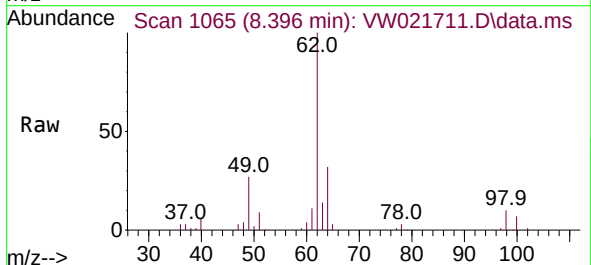
Instrument :  
MSVOA\_W  
ClientSampleId :

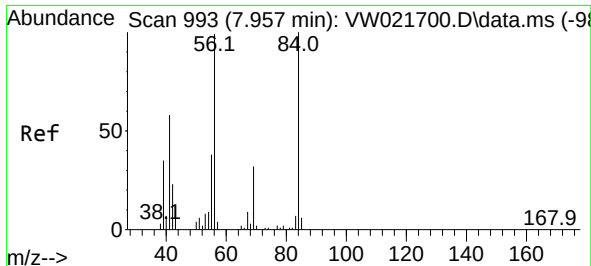
Tgt Ion: 83 Resp: 58123  
Ion Ratio Lower Upper  
83 100  
85 66.7 45.1 83.7



#27  
1,2-Dichloroethane  
Concen: 26.070 ug/L  
RT: 8.396 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

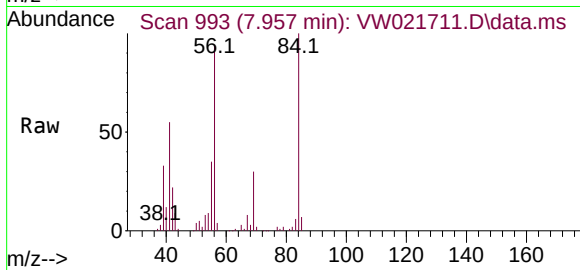
Tgt Ion: 62 Resp: 37082  
Ion Ratio Lower Upper  
62 100  
98 10.2 6.5 9.7#



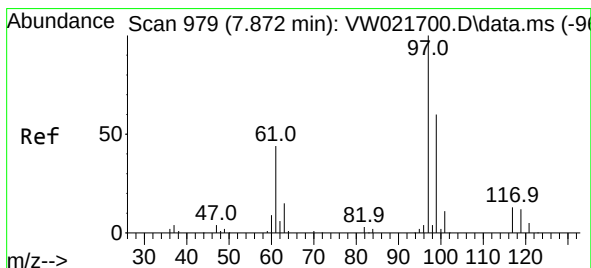
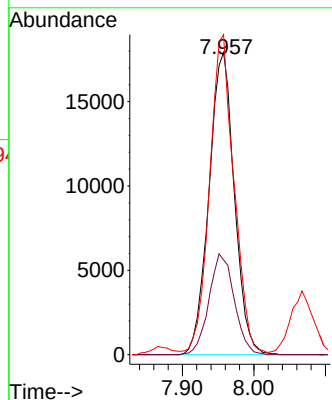
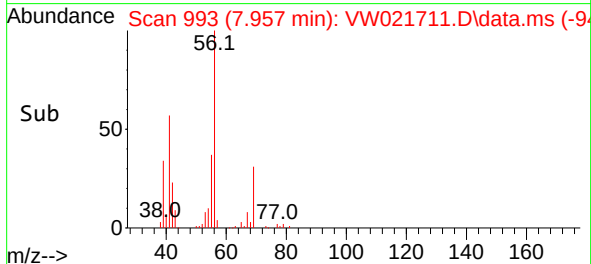


#29  
Cyclohexane  
Concen: 24.318 ug/L  
RT: 7.957 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Instrument :  
MSVOA\_W  
ClientSampleId :

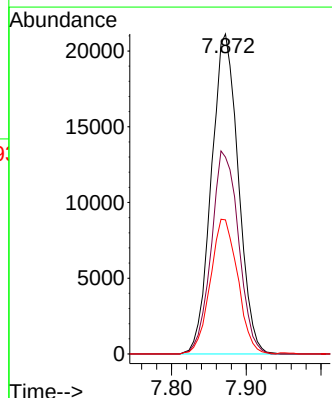
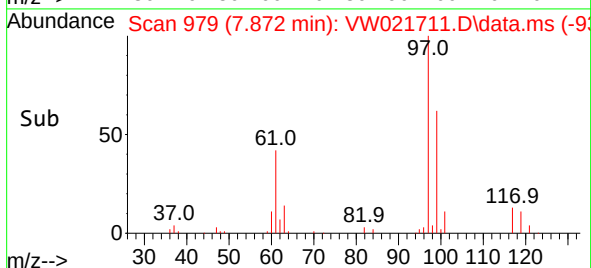
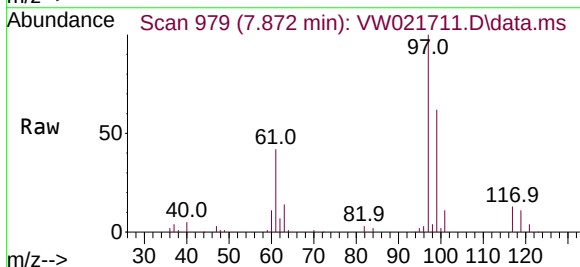


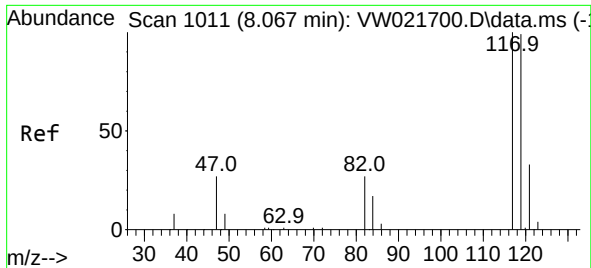
Tgt Ion: 56 Resp: 44083  
Ion Ratio Lower Upper  
56 100  
69 33.3 23.5 35.3  
84 102.4 63.4 95.2#



#30  
1,1,1-Trichloroethane  
Concen: 25.613 ug/L  
RT: 7.872 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

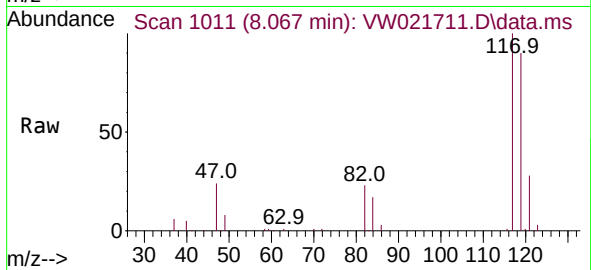
Tgt Ion: 97 Resp: 52976  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.6 77.4  
61 42.7 40.9 61.3



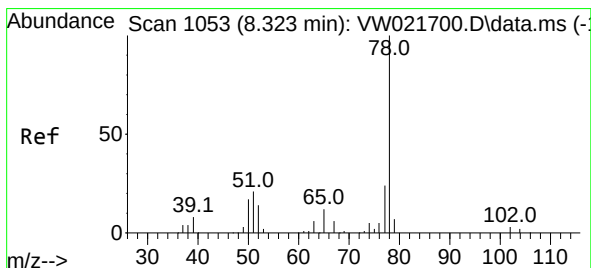
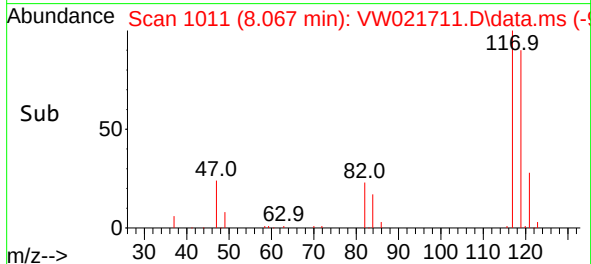
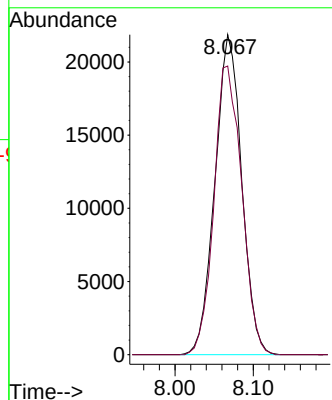


#31  
Carbon tetrachloride  
Concen: 25.814 ug/L  
RT: 8.067 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Instrument :  
MSVOA\_W  
ClientSampleId :

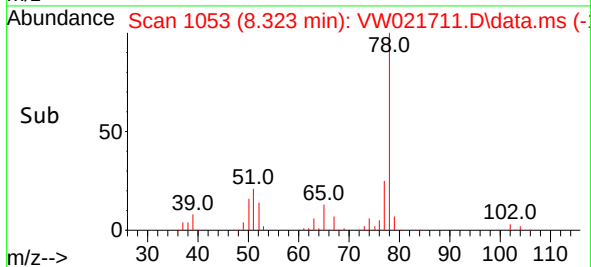
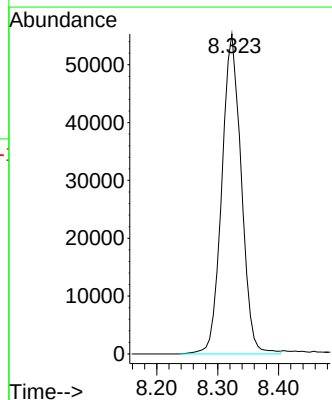
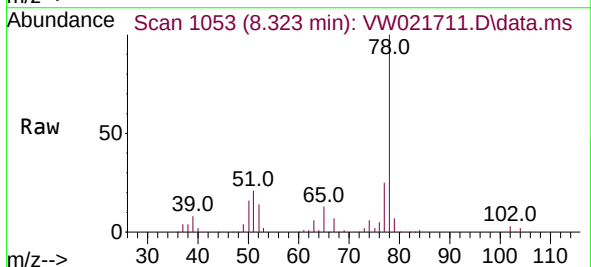


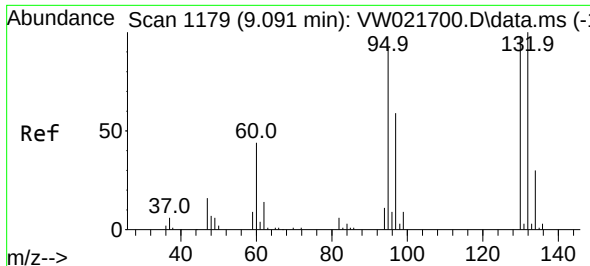
Tgt Ion:117 Resp: 51918  
Ion Ratio Lower Upper  
117 100  
119 93.8 75.7 113.5



#33  
Benzene  
Concen: 25.644 ug/L  
RT: 8.323 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Tgt Ion: 78 Resp: 122655

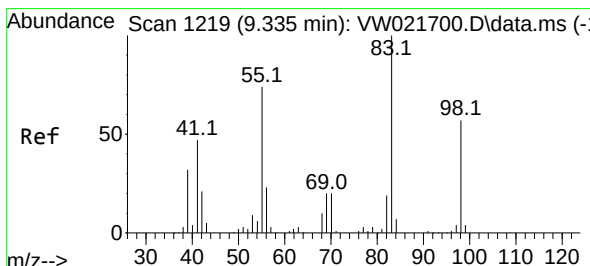
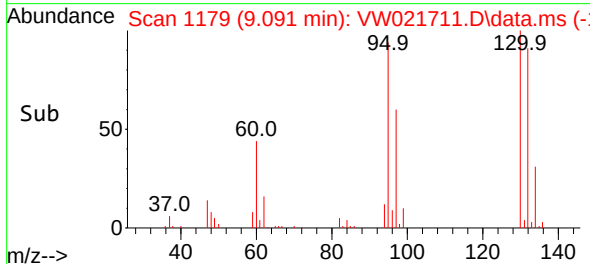
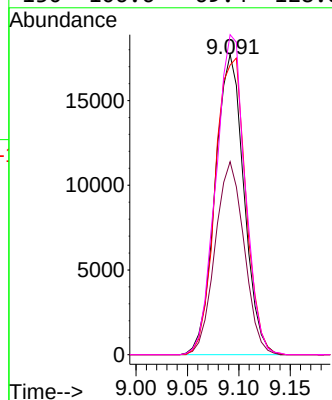
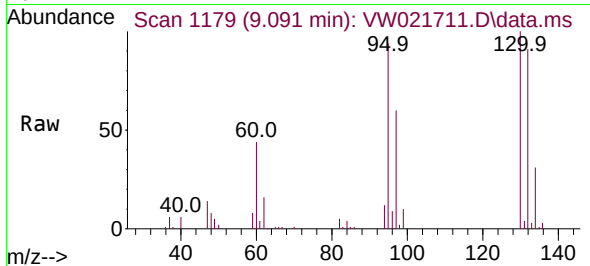




#34  
Trichloroethene  
Concen: 25.461 ug/L  
RT: 9.091 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

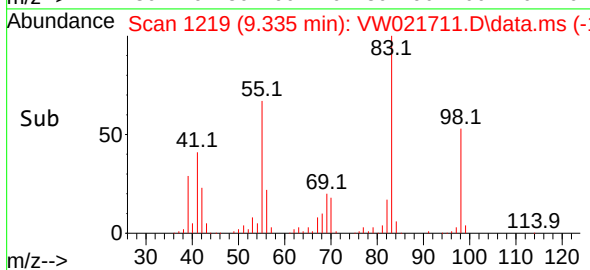
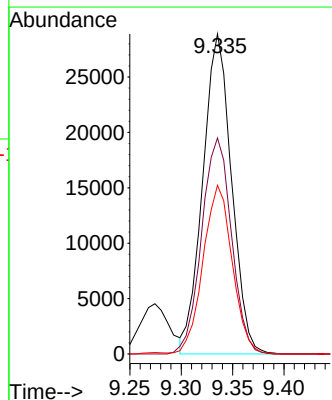
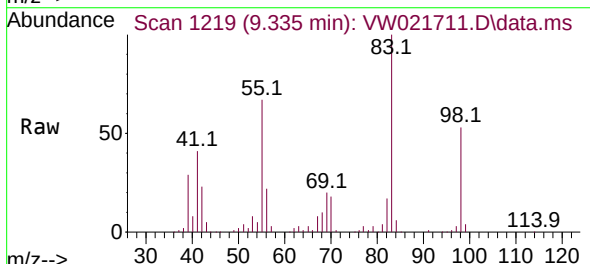
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 95 Resp: 34570  
Ion Ratio Lower Upper  
95 100  
97 64.3 47.0 87.2  
132 96.5 65.5 121.6  
130 106.6 69.4 128.8

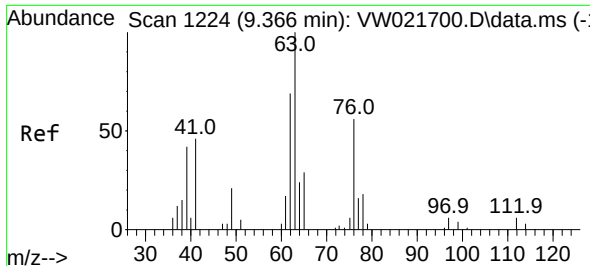


#35  
Methylcyclohexane  
Concen: 25.150 ug/L  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Tgt Ion: 83 Resp: 56341  
Ion Ratio Lower Upper  
83 100  
55 70.0 70.8 106.2#  
98 53.4 37.7 56.5







#37

1,2-Dichloropropane

Concen: 26.043 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

Instrument :

MSVOA\_W

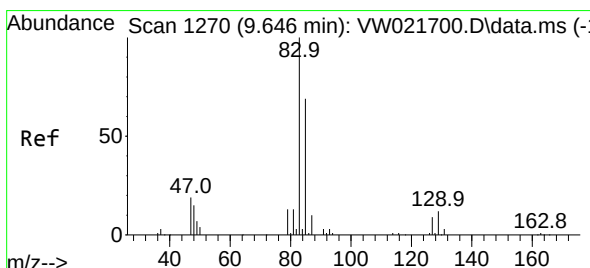
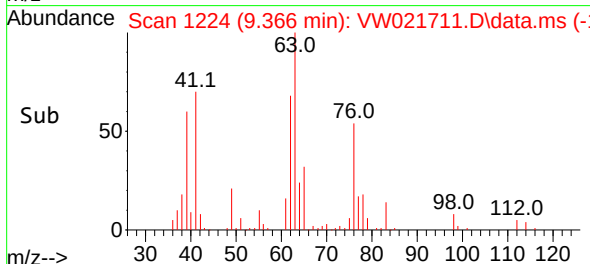
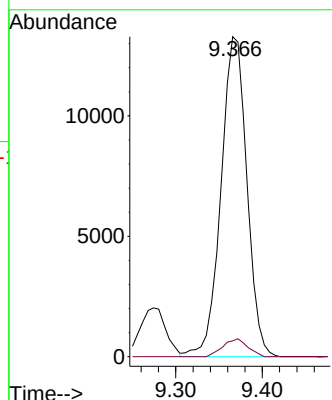
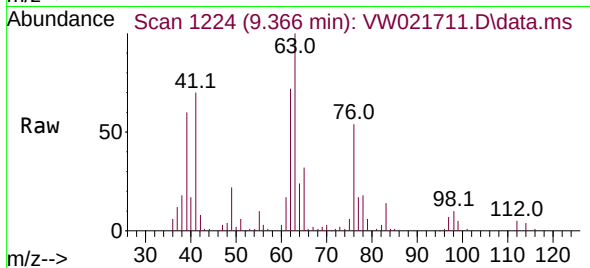
ClientSampleId :

Tgt Ion: 63 Resp: 27606

Ion Ratio Lower Upper

63 100

112 5.3 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.739 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

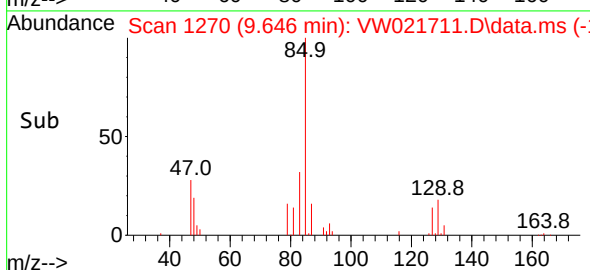
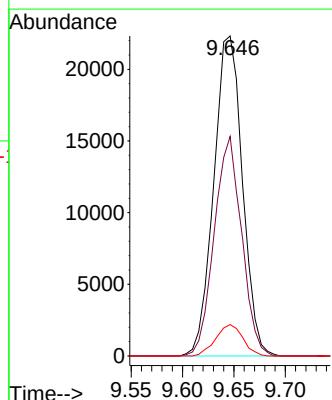
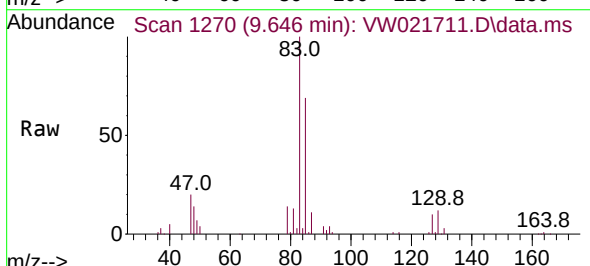
Tgt Ion: 83 Resp: 43262

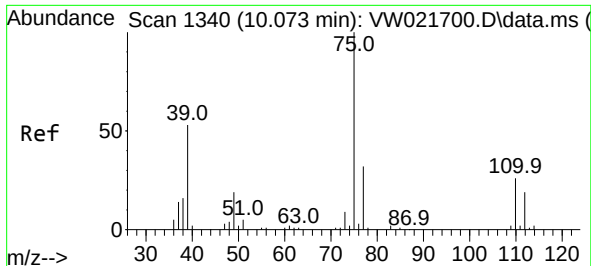
Ion Ratio Lower Upper

83 100

85 68.6 44.1 81.9

127 9.8 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 26.931 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

Instrument :

MSVOA\_W

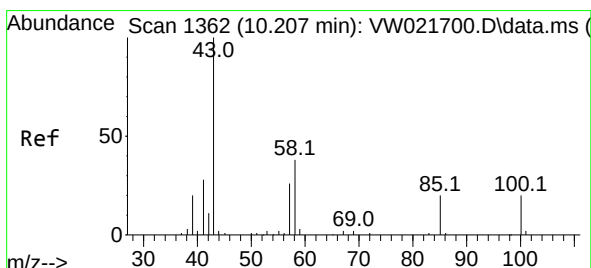
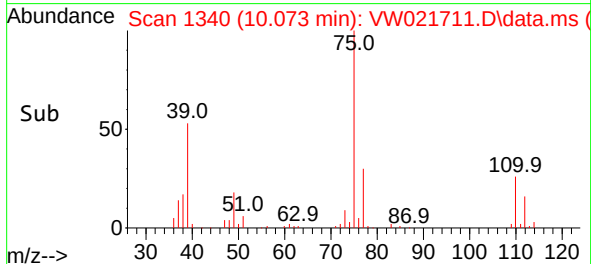
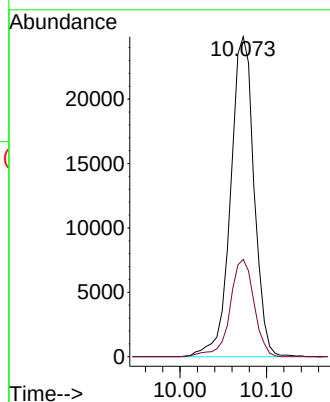
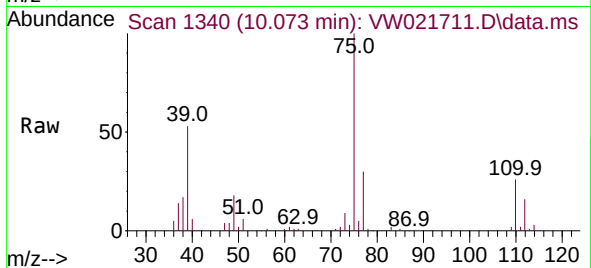
ClientSampleId :

Tgt Ion: 75 Resp: 46642

Ion Ratio Lower Upper

75 100

77 30.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 52.145 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

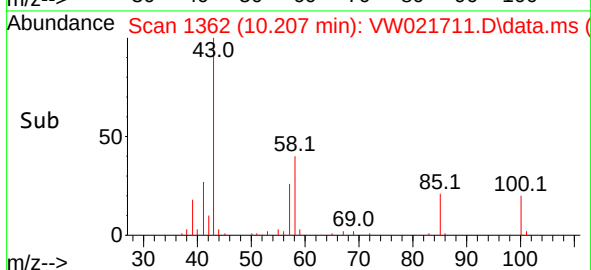
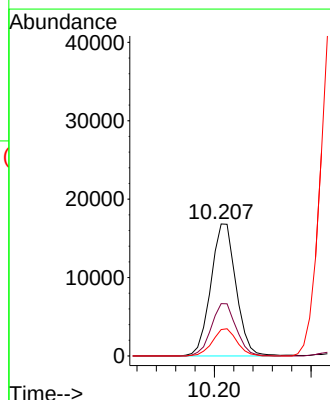
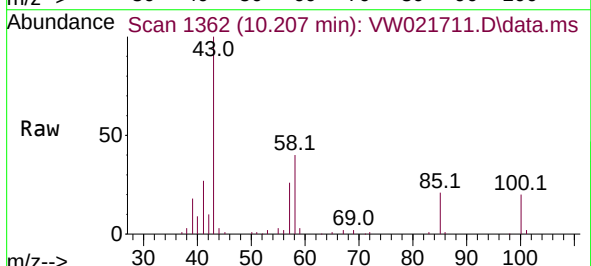
Tgt Ion: 43 Resp: 30449

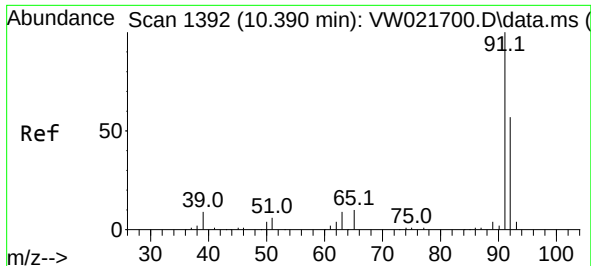
Ion Ratio Lower Upper

43 100

58 39.2 28.8 43.2

100 19.9 10.0 15.0#

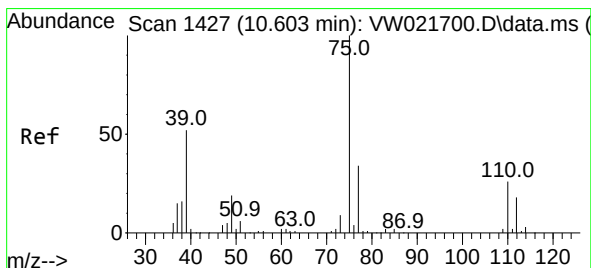
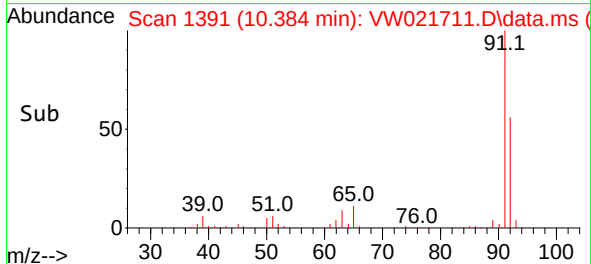
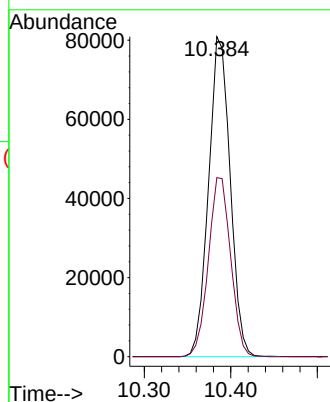
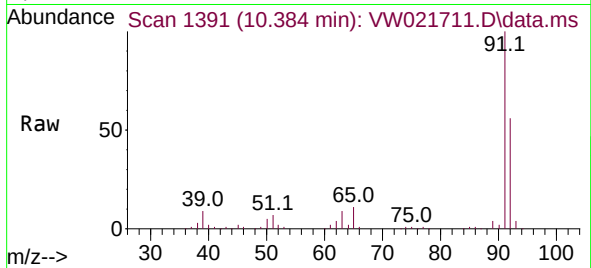




#42  
Toluene  
Concen: 25.414 ug/L  
RT: 10.384 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

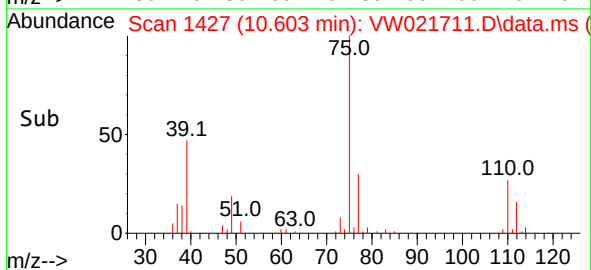
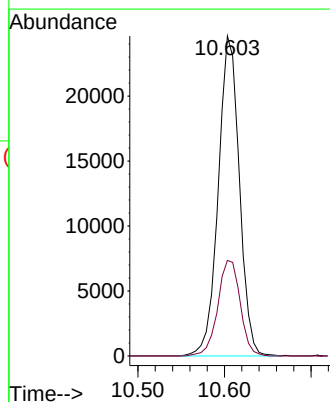
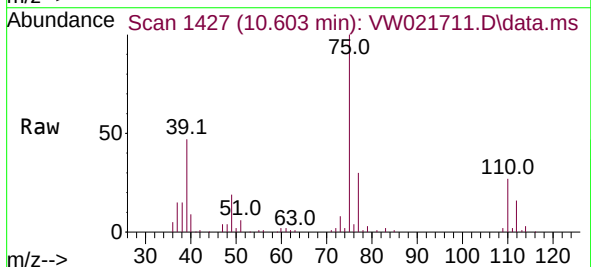
Instrument :  
MSVOA\_W  
ClientSampleId :

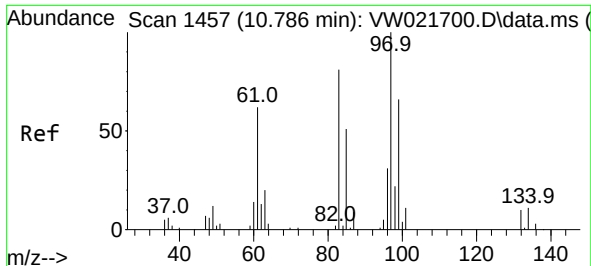
Tgt Ion: 91 Resp: 140319  
Ion Ratio Lower Upper  
91 100  
92 55.9 41.7 77.5



#44  
trans-1,3-Dichloropropene  
Concen: 26.756 ug/L  
RT: 10.603 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Tgt Ion: 75 Resp: 41635  
Ion Ratio Lower Upper  
75 100  
77 29.8 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 26.163 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion: 97 Resp: 23035

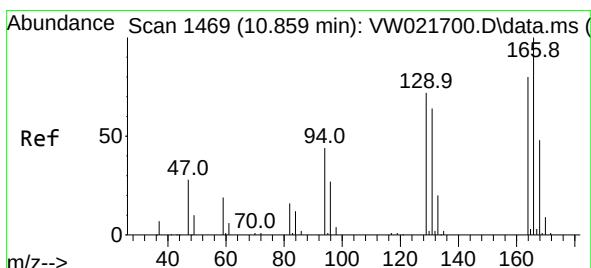
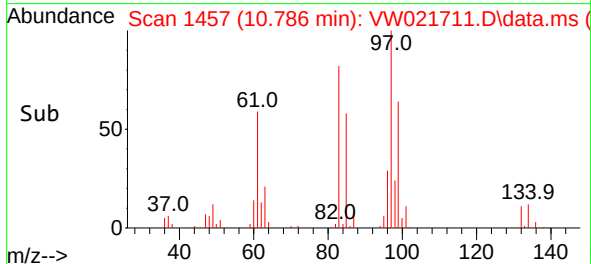
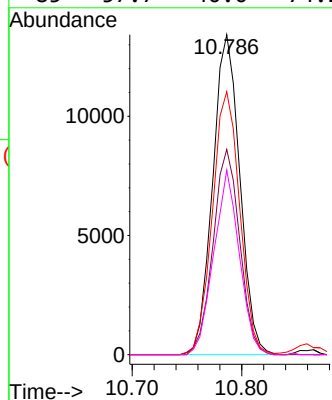
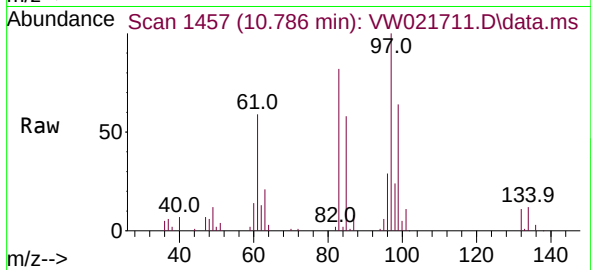
Ion Ratio Lower Upper

97 100

99 64.1 43.0 79.8

83 82.2 62.6 116.3

85 57.7 40.0 74.2



#46

Tetrachloroethene

Concen: 24.991 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

Tgt Ion:164 Resp: 31777

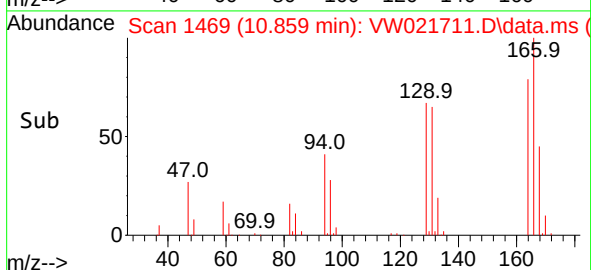
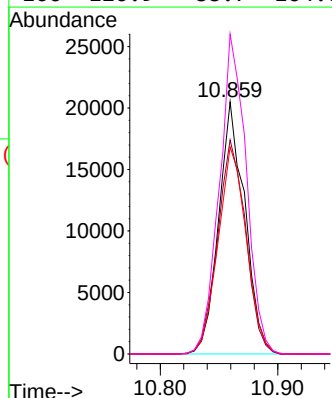
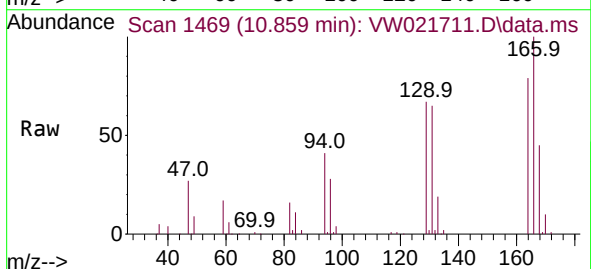
Ion Ratio Lower Upper

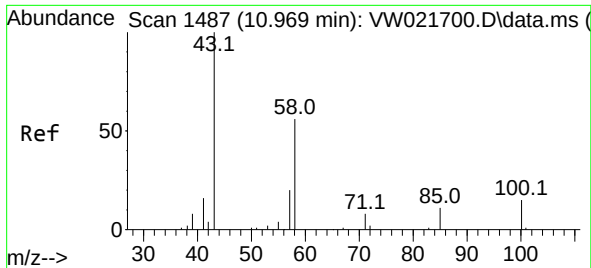
164 100

129 84.9 65.5 121.7

131 82.1 59.7 110.9

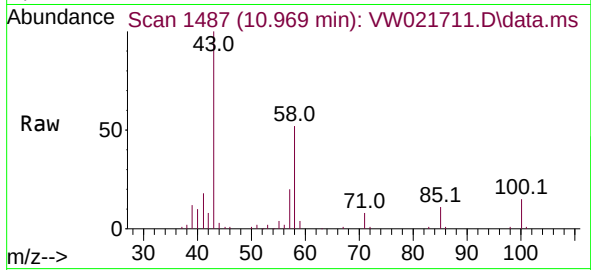
166 126.9 88.7 164.7



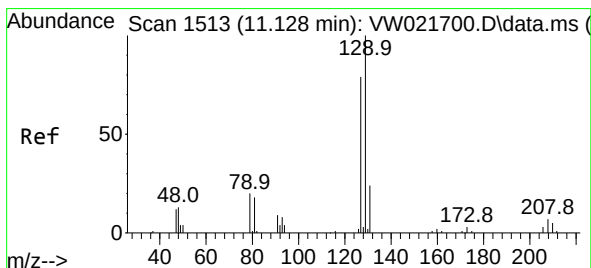
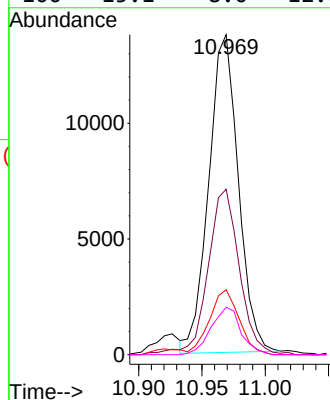
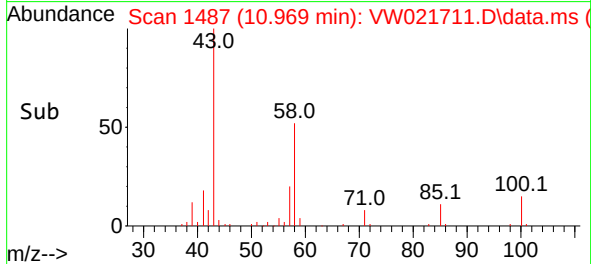


#48  
2-Hexanone  
Concen: 56.436 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Instrument :  
MSVOA\_W  
ClientSampleId :

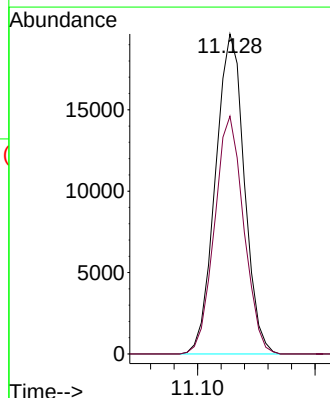
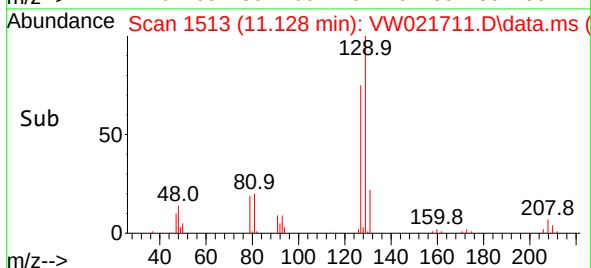
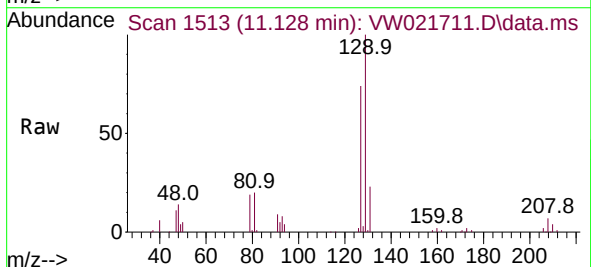


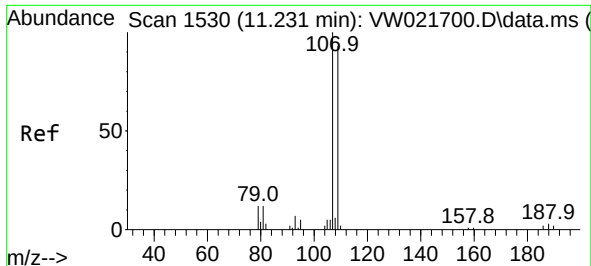
Tgt Ion: 43 Resp: 22380  
Ion Ratio Lower Upper  
43 100  
58 55.1 40.2 60.2  
57 20.4 14.3 21.5  
100 15.1 8.0 12.0#



#49  
Dibromochloromethane  
Concen: 28.401 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Tgt Ion: 129 Resp: 33597  
Ion Ratio Lower Upper  
129 100  
127 74.3 55.7 103.5





#50

1,2-Dibromoethane

Concen: 26.463 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

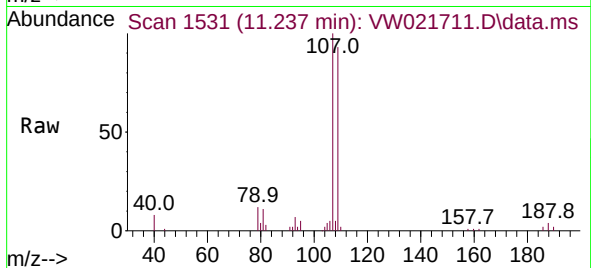
Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

Instrument :

MSVOA\_W

ClientSampleId :



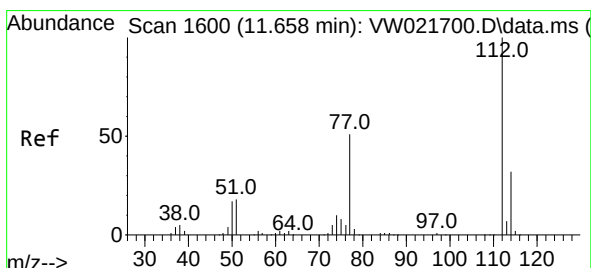
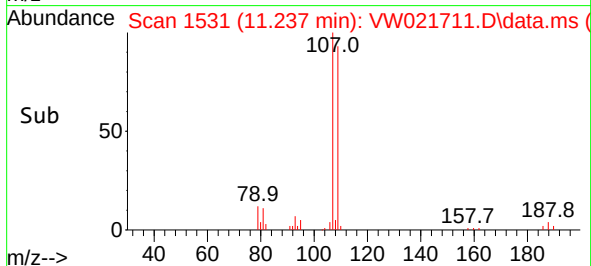
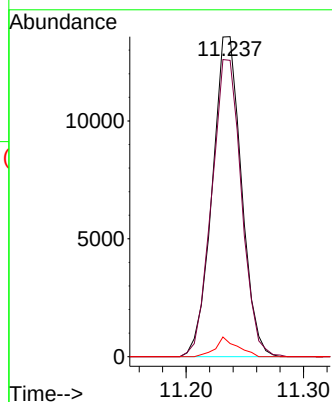
Tgt Ion:107 Resp: 23400

Ion Ratio Lower Upper

107 100

109 92.6 64.1 119.1

188 4.1 2.6 3.8#



#51

Chlorobenzene

Concen: 25.960 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

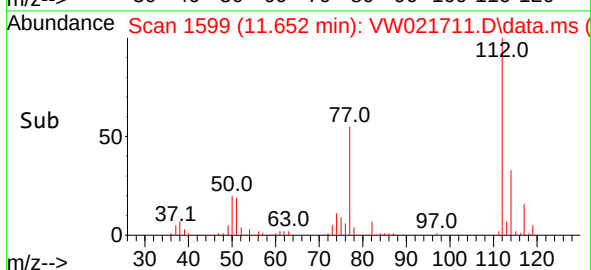
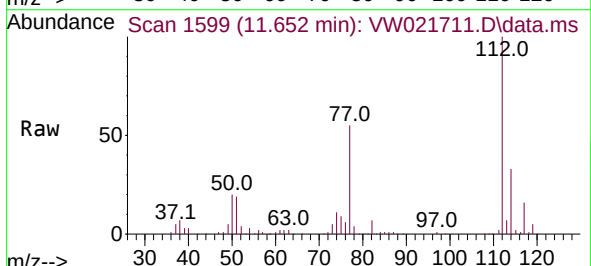
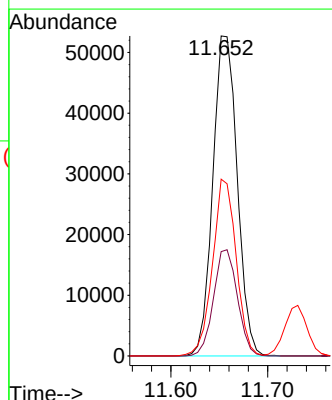
Tgt Ion:112 Resp: 92483

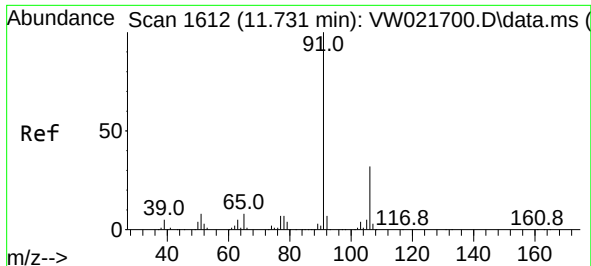
Ion Ratio Lower Upper

112 100

114 32.6 22.4 41.6

77 55.2 50.2 75.4





#52

Ethylbenzene

Concen: 24.868 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

Instrument :

MSVOA\_W

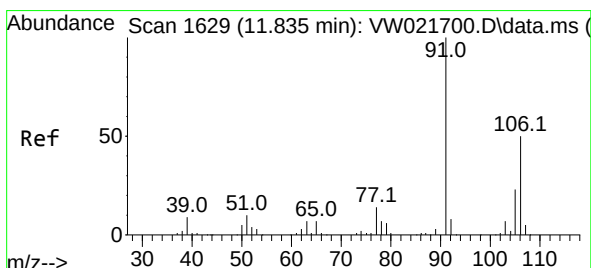
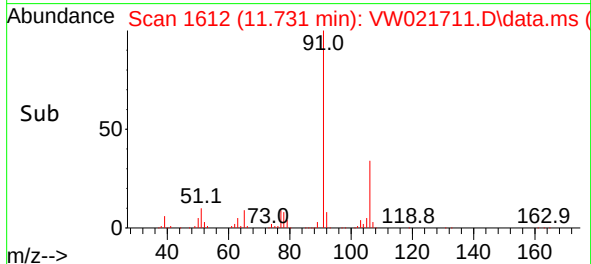
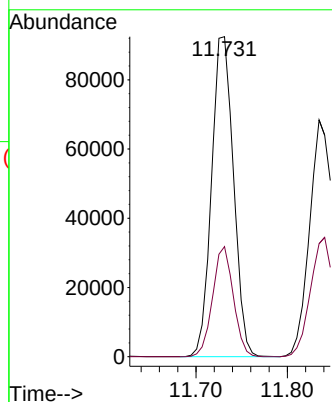
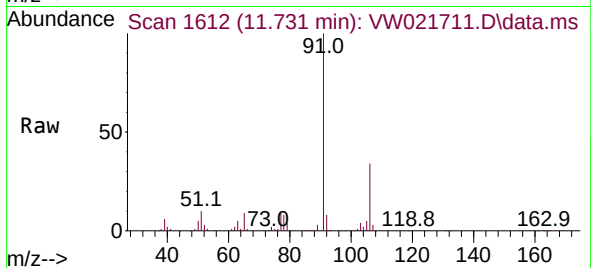
ClientSampleId :

Tgt Ion: 91 Resp: 154123

Ion Ratio Lower Upper

91 100

106 34.4 21.5 39.9



#53

m,p-Xylene

Concen: 25.044 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW021711.D

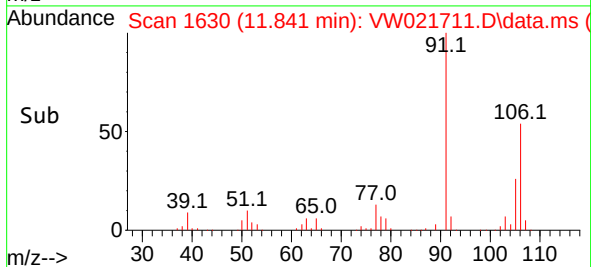
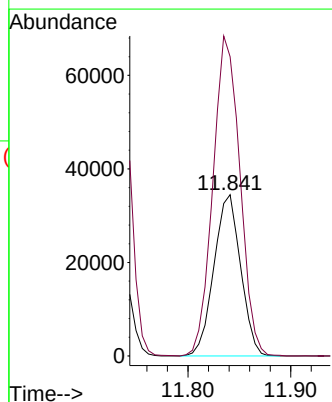
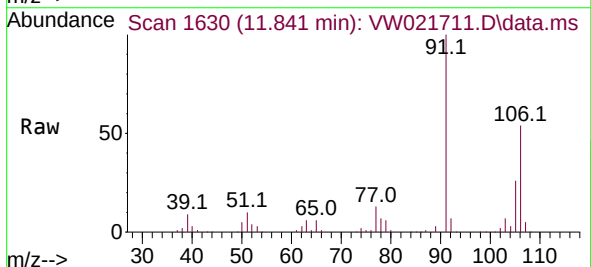
Acq: 30 Dec 2021 17:18

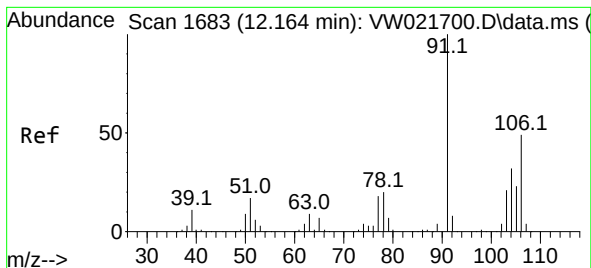
Tgt Ion:106 Resp: 62193

Ion Ratio Lower Upper

106 100

91 185.6 149.9 278.3





#54

o-Xylene

Concen: 25.447 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

Instrument :

MSVOA\_W

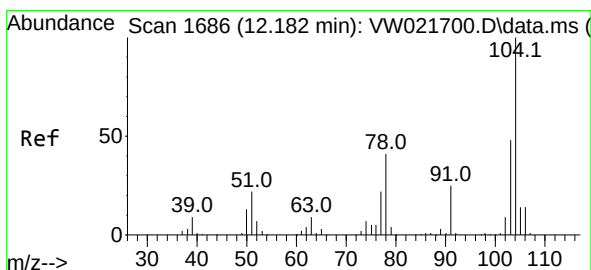
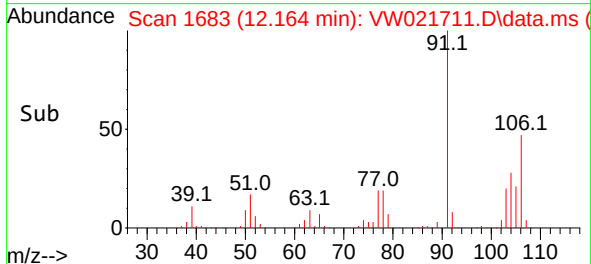
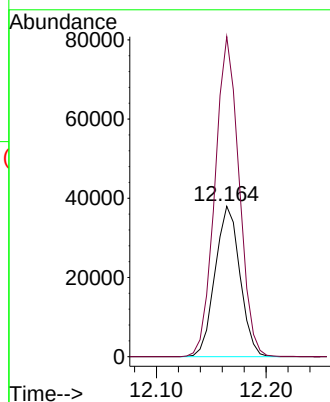
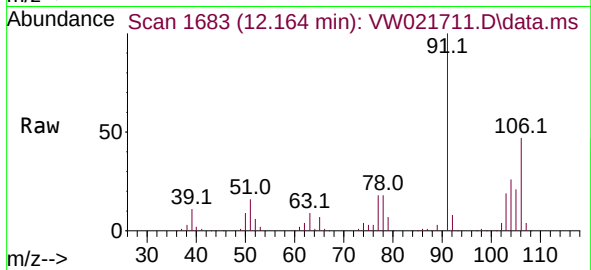
ClientSampleId :

Tgt Ion:106 Resp: 59895

Ion Ratio Lower Upper

106 100

91 212.7 153.6 285.3



#55

Styrene

Concen: 25.769 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW021711.D

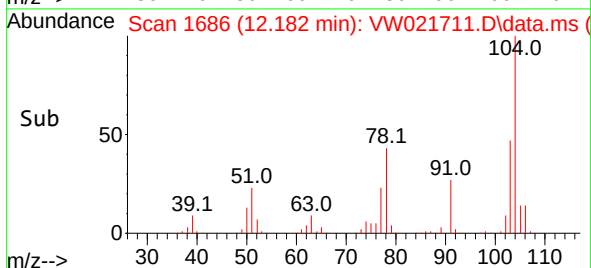
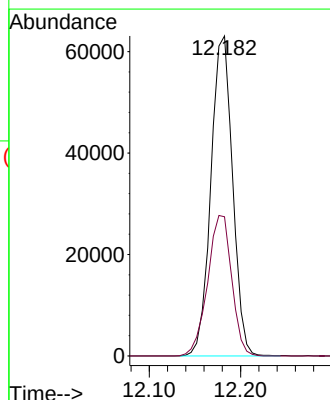
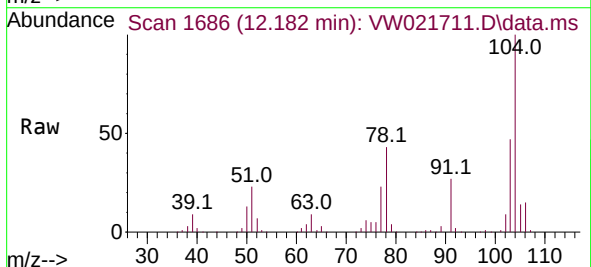
Acq: 30 Dec 2021 17:18

Tgt Ion:104 Resp: 104166

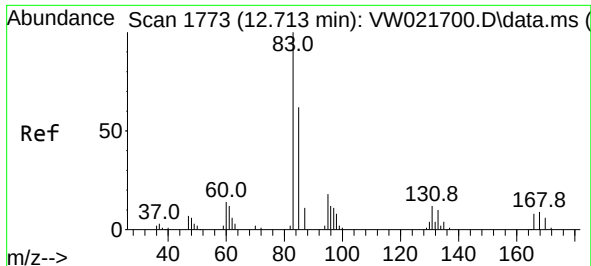
Ion Ratio Lower Upper

104 100

78 43.5 34.4 64.0



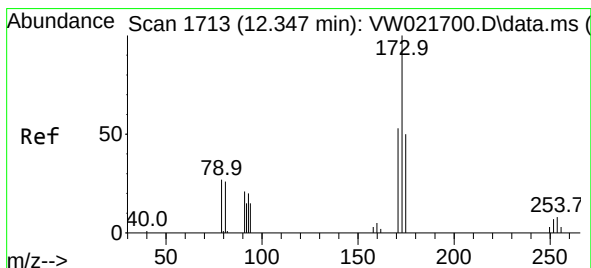
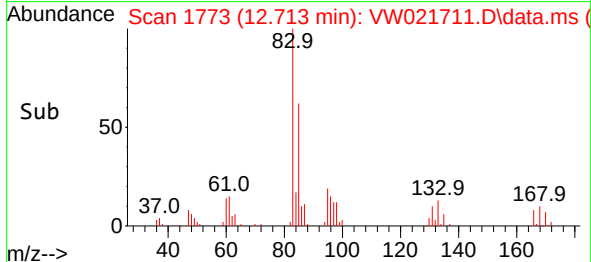
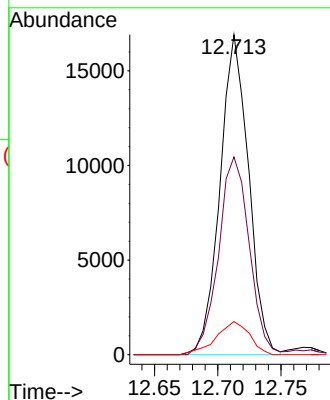
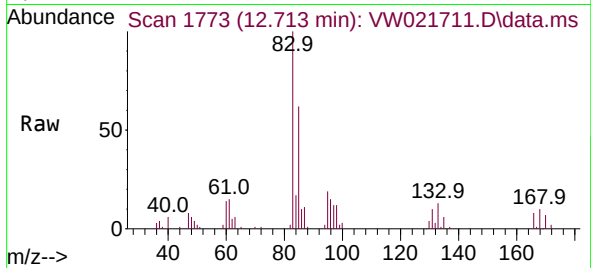




#57  
1,1,2,2-Tetrachloroethane  
Concen: 27.294 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

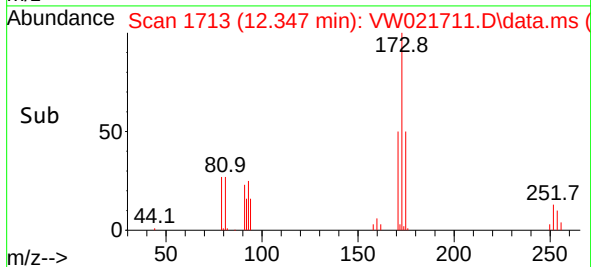
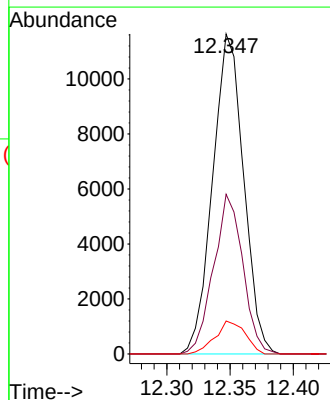
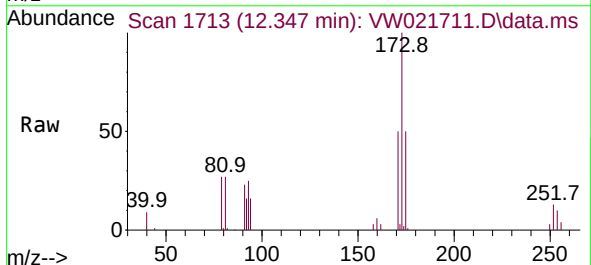
Instrument :  
MSVOA\_W  
ClientSampleId :

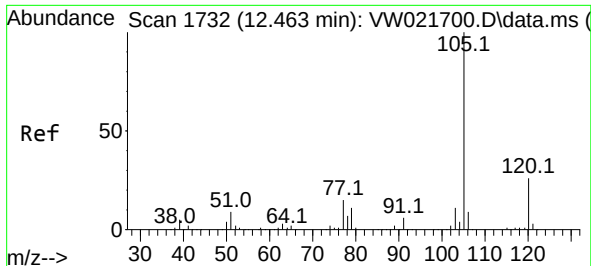
Tgt Ion: 83 Resp: 26582  
Ion Ratio Lower Upper  
83 100  
85 61.8 44.0 81.6  
131 10.4 6.9 10.3#



#59  
Bromoform  
Concen: 26.488 ug/L  
RT: 12.347 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Tgt Ion: 173 Resp: 19778  
Ion Ratio Lower Upper  
173 100  
175 47.2 39.6 59.4  
254 10.0 7.4 11.0

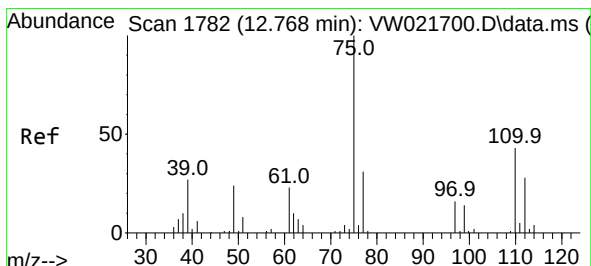
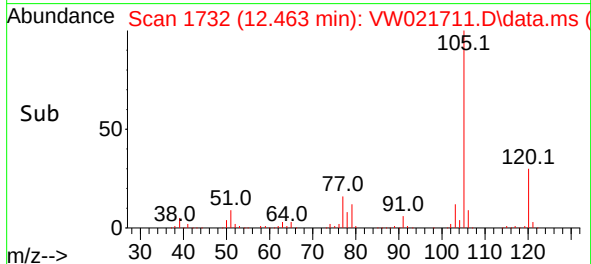
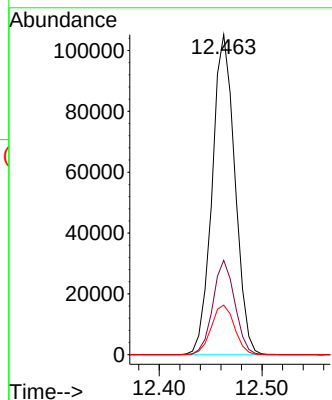
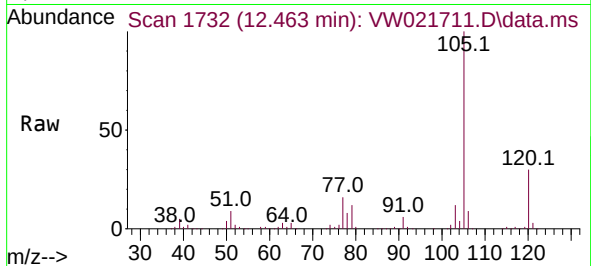




#60  
Isopropylbenzene  
Concen: 22.649 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

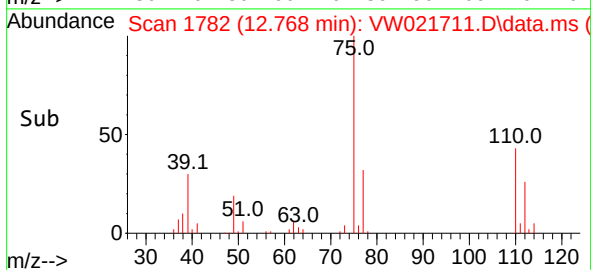
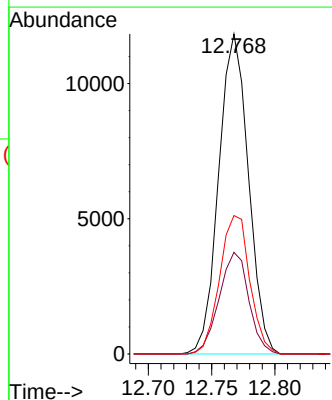
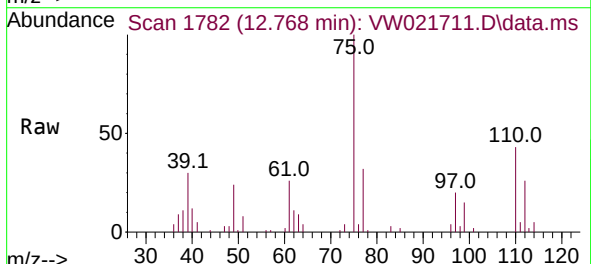
Instrument :  
MSVOA\_W  
ClientSampleId :

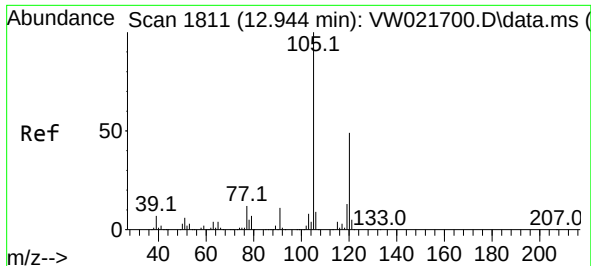
Tgt Ion:105 Resp: 161527  
Ion Ratio Lower Upper  
105 100  
120 28.4 20.1 30.1  
77 15.8 13.8 20.8



#61  
1,2,3-Trichloropropane  
Concen: 24.651 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Tgt Ion: 75 Resp: 19299  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.8 38.8  
110 43.9 29.0 43.4#

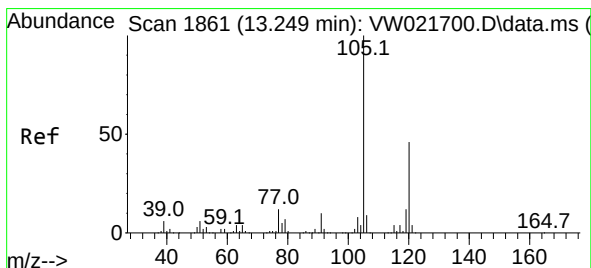
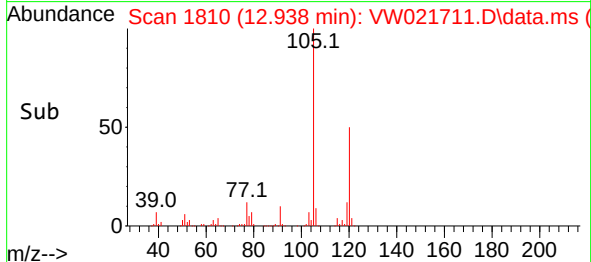
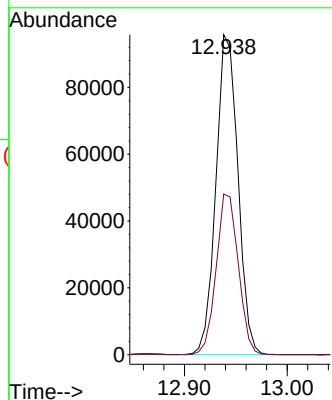
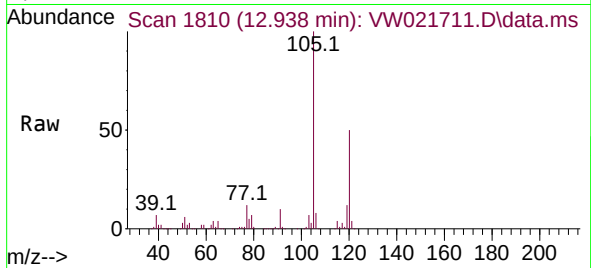




#62  
1,3,5-Trimethylbenzene  
Concen: 23.601 ug/L  
RT: 12.938 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

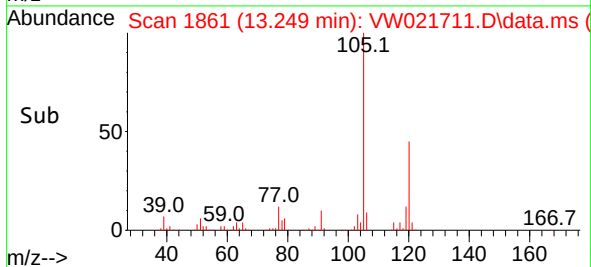
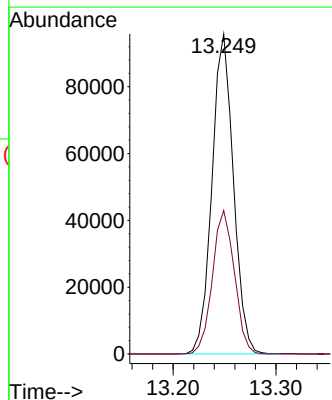
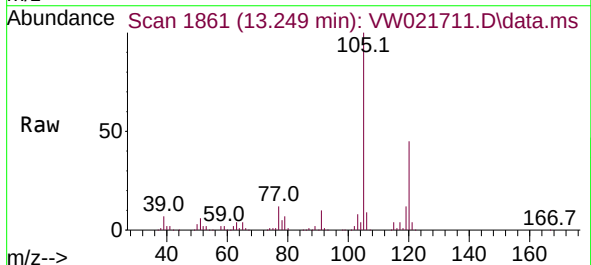
Instrument :  
MSVOA\_W  
ClientSampleId :

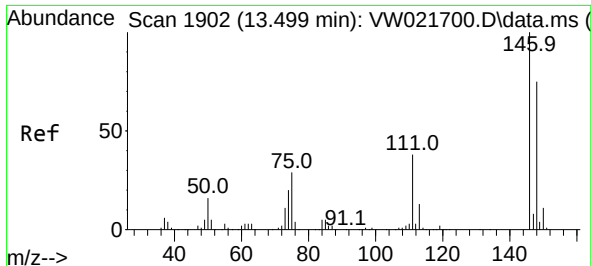
Tgt Ion:105 Resp: 142298  
Ion Ratio Lower Upper  
105 100  
120 50.5 37.4 56.2



#63  
1,2,4-Trimethylbenzene  
Concen: 23.250 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Tgt Ion:105 Resp: 139245  
Ion Ratio Lower Upper  
105 100  
120 45.7 35.0 52.6

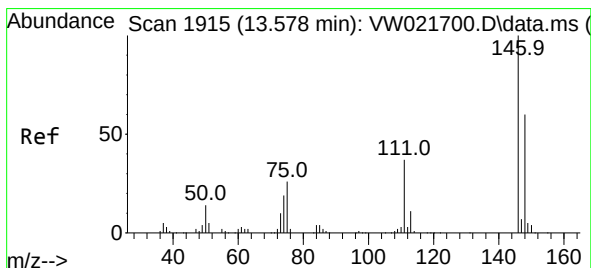
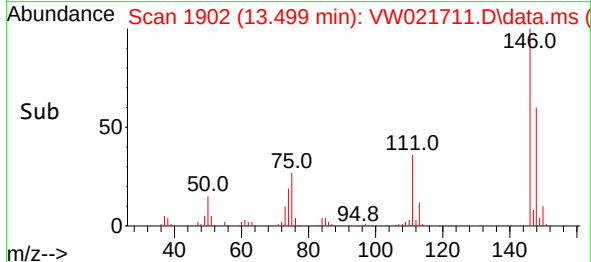
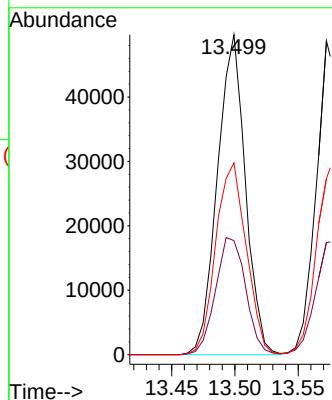
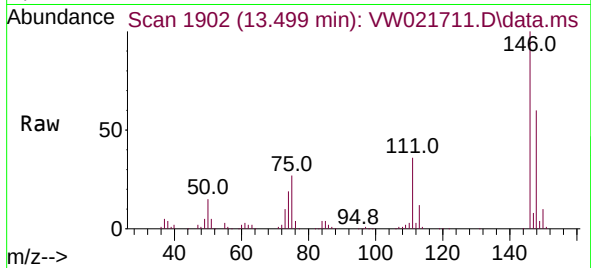




#64  
1,3-Dichlorobenzene  
Concen: 22.713 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

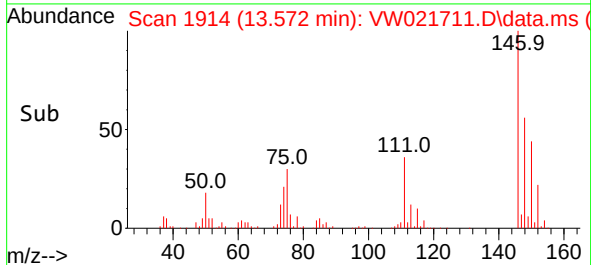
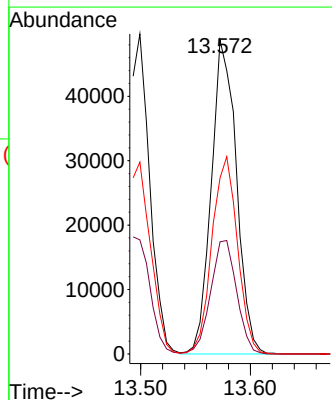
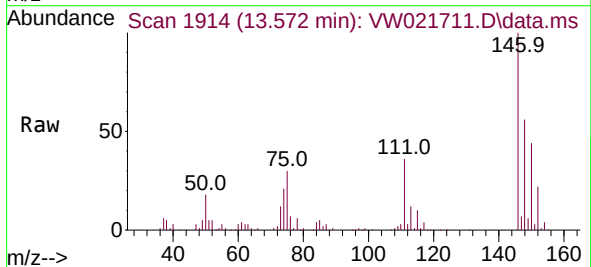
Instrument :  
MSVOA\_W  
ClientSampleId :

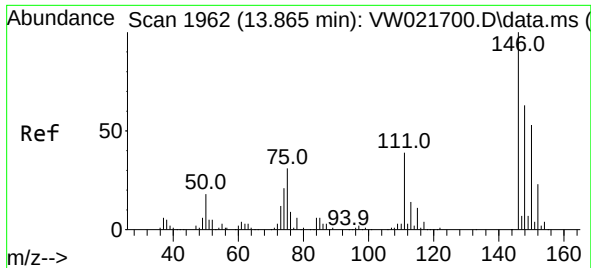
Tgt Ion:146 Resp: 76479  
Ion Ratio Lower Upper  
146 100  
111 35.7 29.8 55.3  
148 59.9 46.2 85.8



#65  
1,4-Dichlorobenzene  
Concen: 23.148 ug/L  
RT: 13.572 min Scan# 1914  
Delta R.T. -0.006 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Tgt Ion:146 Resp: 77721  
Ion Ratio Lower Upper  
146 100  
111 35.7 29.0 53.9  
148 56.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.493 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

Instrument :

MSVOA\_W

ClientSampleId :

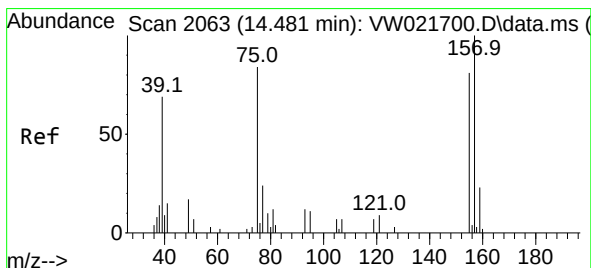
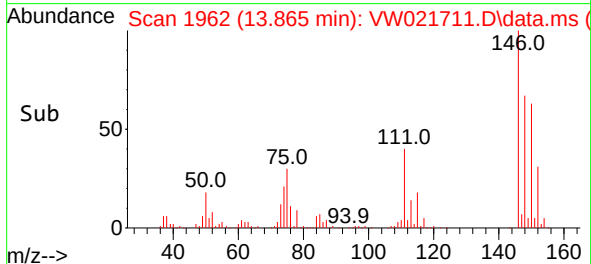
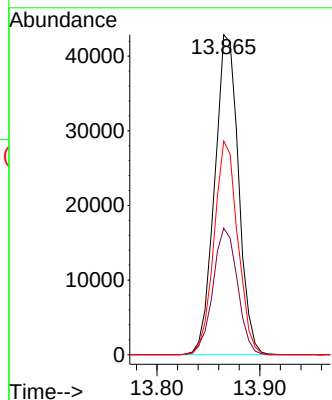
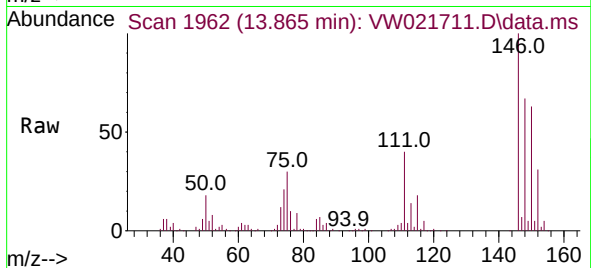
Tgt Ion:146 Resp: 69065

Ion Ratio Lower Upper

146 100

111 39.6 33.1 49.7

148 66.7 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.443 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021711.D

Acq: 30 Dec 2021 17:18

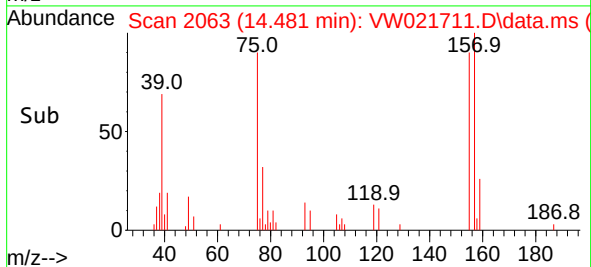
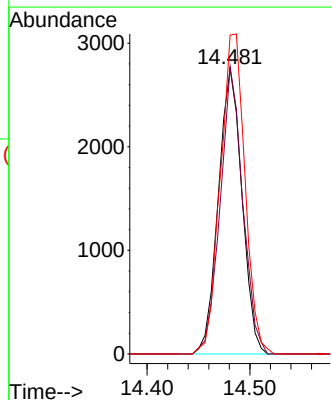
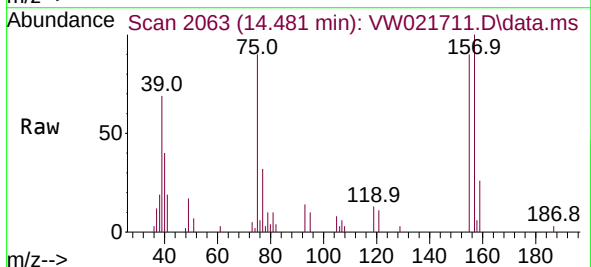
Tgt Ion: 75 Resp: 4386

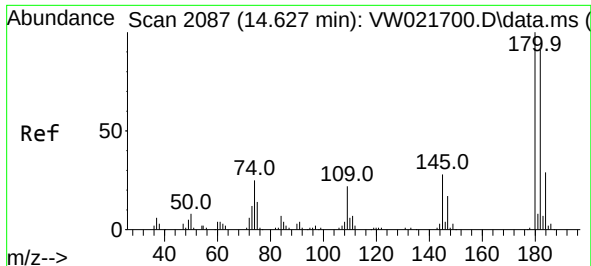
Ion Ratio Lower Upper

75 100

155 100.6 54.2 81.2#

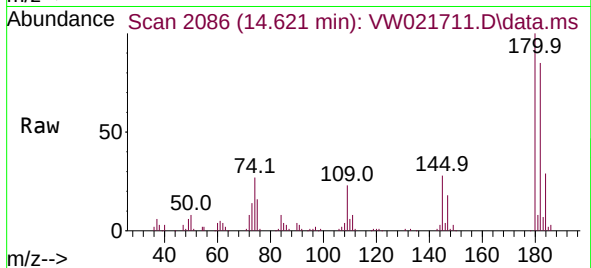
157 111.7 69.4 104.2#



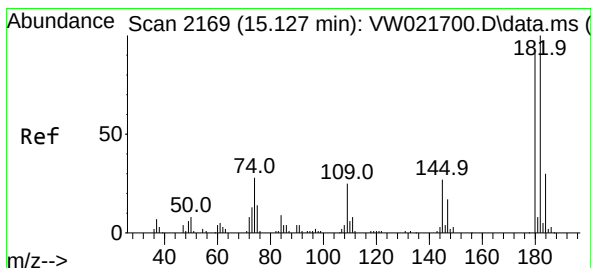
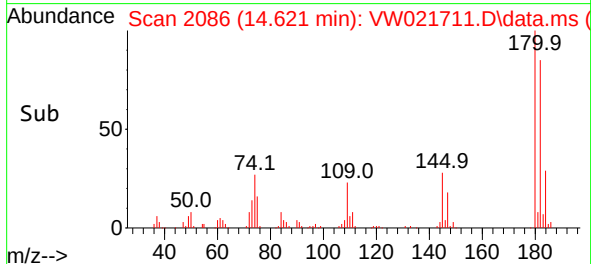
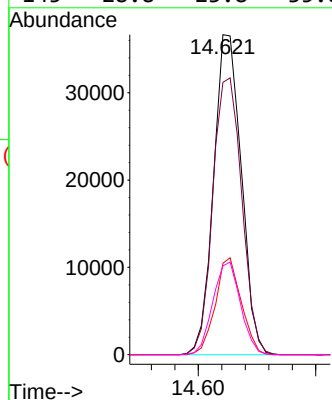


#69  
1,3,5-Trichlorobenzene  
Concen: 24.282 ug/L  
RT: 14.621 min Scan# 2086  
Delta R.T. -0.006 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Instrument :  
MSVOA\_W  
ClientSampleId :

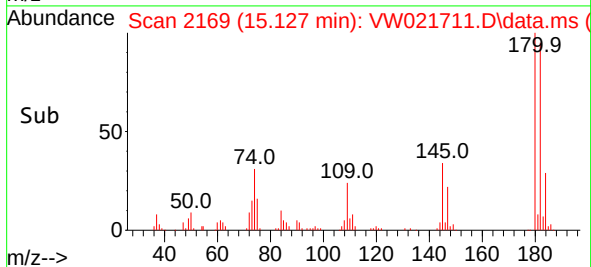
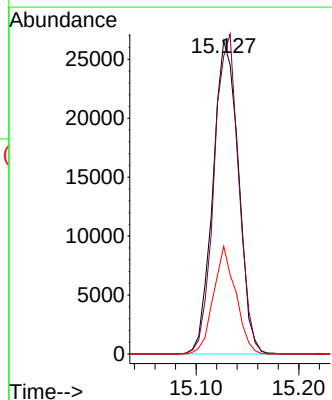
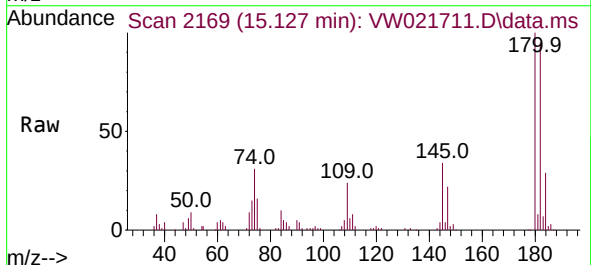


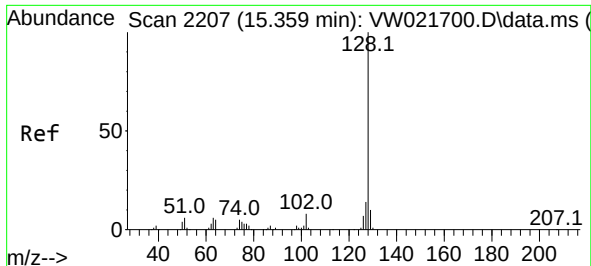
Tgt Ion:180 Resp: 60063  
Ion Ratio Lower Upper  
180 100  
182 90.3 75.4 113.0  
184 28.3 23.8 35.8  
145 28.8 23.8 35.8



#70  
1,2,4-trichlorobenzene  
Concen: 23.235 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

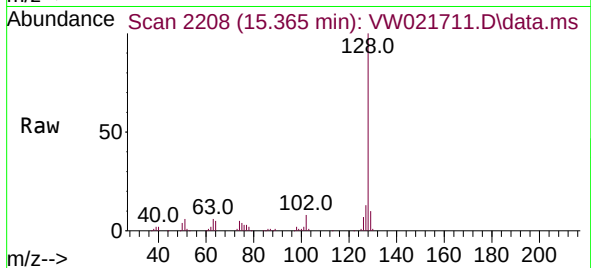
Tgt Ion:180 Resp: 45877  
Ion Ratio Lower Upper  
180 100  
182 97.9 79.0 118.6  
145 30.0 26.0 39.0



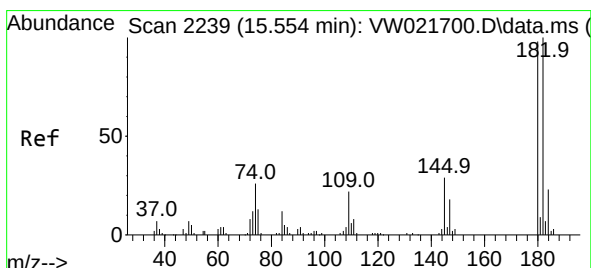
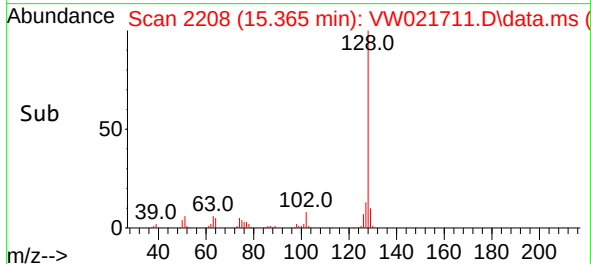
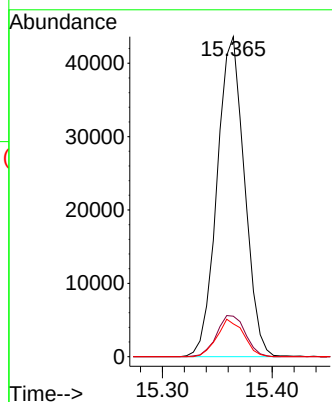


#71  
Naphthalene  
Concen: 23.575 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.006 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion:128 Resp: 75735  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.7 16.1  
129 11.3 8.6 12.8



#72  
1,2,3-Trichlorobenzene  
Concen: 24.725 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VW021711.D  
Acq: 30 Dec 2021 17:18

Tgt Ion:180 Resp: 41094  
Ion Ratio Lower Upper  
180 100  
182 93.1 76.6 114.8  
145 29.2 27.4 41.0

