

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW022422\  
 Data File : VW022135.D  
 Acq On : 24 Feb 2022 13:45  
 Operator : SY/VA  
 Sample : N1331-04  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Feb 25 04:50:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Feb 25 04:49:00 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 146331   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 137933   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 68135    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 40684    | 21.316   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 85.280%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 30899    | 20.576   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 82.320%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 47886    | 16.384   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 65.520%  |
| 21) 2-Butanone-d5             | 7.074  | 46    | 17040    | 53.100   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 106.200% |
| 24) Chloroform-d              | 7.653  | 84    | 72331    | 22.154   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 88.600%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 38786    | 22.854   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 91.400%  |
| 32) Benzene-d6                | 8.275  | 84    | 140493   | 21.886   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 87.560%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 38451    | 21.569   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 86.280%  |
| 41) Toluene-d8                | 10.323 | 98    | 131542   | 20.611   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 82.440%  |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 16392    | 20.738   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 82.960%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 14477    | 49.374   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 98.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 36587    | 23.385   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 93.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 50178    | 22.929   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 91.720%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.020  | 85    | 398      | 0.973    | ug/L # | 68       |
| 5) Vinyl chloride             | 2.361  | 62    | 3036     | 1.442    | ug/L # | 16       |
| 13) Acetone                   | 4.123  | 43    | 1004     | 3.831    | ug/L   | 92       |
| 14) Carbon disulfide          | 4.385  | 76    | 4764     | 1.216    | ug/L   | 99       |
| 15) Methyl Acetate            | 4.684  | 43    | 737      | 1.249    | ug/L # | 71       |
| 18) Methyl tert-butyl Ether   | 5.434  | 73    | 2478     | 1.097    | ug/L # | 74       |
| 19) 1,1-Dichloroethane        | 6.220  | 63    | 3289     | 1.224    | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 2139     | 1.189    | ug/L   | 86       |
| 23) Bromochloromethane        | 7.513  | 128   | 687      | 0.782    | ug/L   | 89       |
| 25) Chloroform                | 7.683  | 83    | 3860     | 1.231    | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 8.403  | 62    | 2376     | 1.230    | ug/L # | 83       |
| 29) Cyclohexane               | 7.958  | 56    | 2624     | 1.143    | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97    | 3396     | 1.224    | ug/L # | 88       |
| 31) Carbon tetrachloride      | 8.067  | 117   | 2897     | 1.098    | ug/L   | 97       |
| 33) Benzene                   | 8.330  | 78    | 7631     | 1.144    | ug/L   | 100      |
| 34) Trichloroethene           | 9.092  | 95    | 2213     | 1.159    | ug/L   | 93       |
| 35) Methylcyclohexane         | 9.335  | 83    | 3497     | 1.184    | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 9.372  | 63    | 1971     | 1.267    | ug/L # | 91       |
| 38) Bromodichloromethane      | 9.646  | 83    | 2552     | 1.144    | ug/L # | 95       |

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 Operator : SY/VA  
 Sample : N1331-04  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

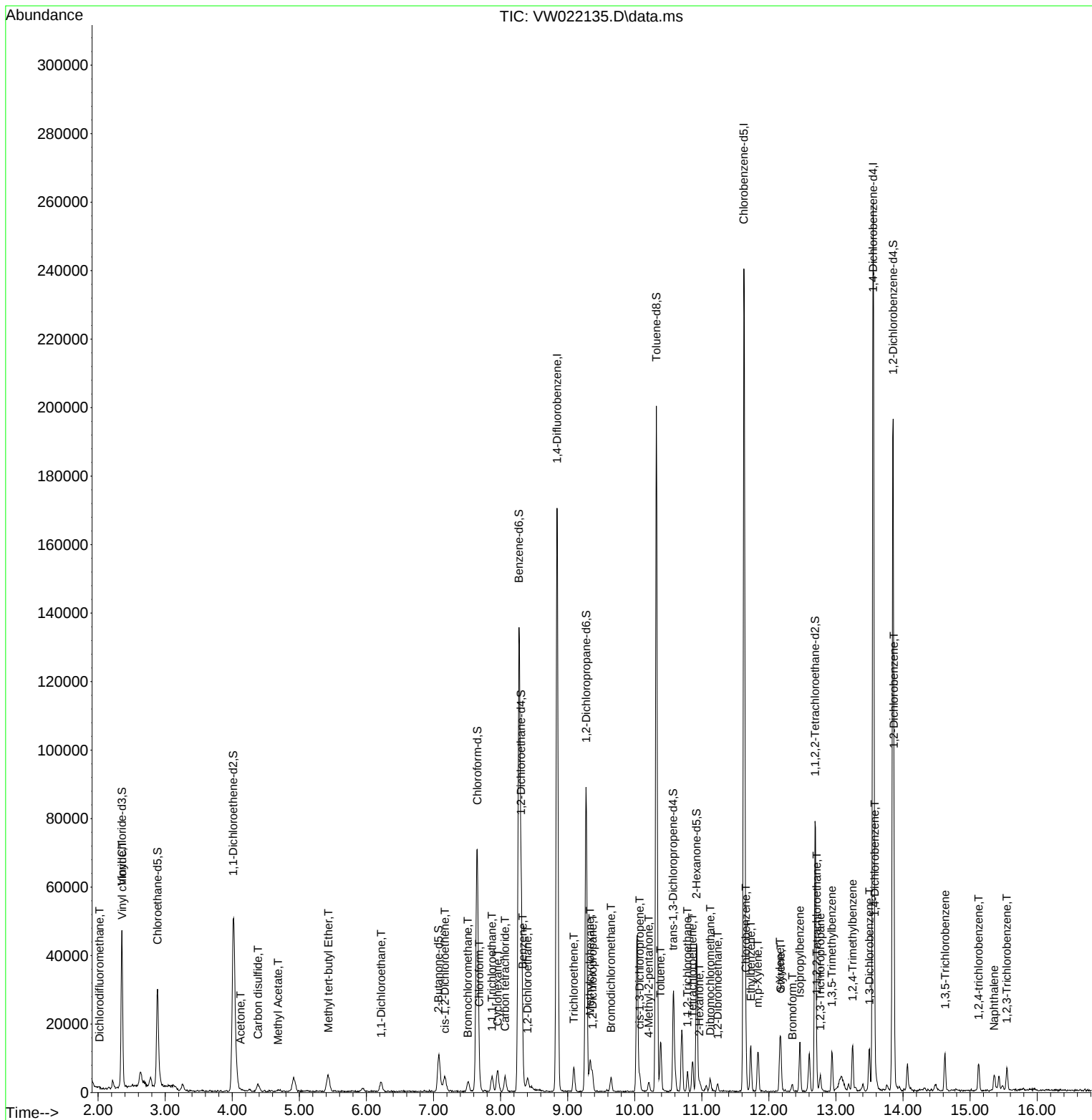
Instrument :  
 MSVOA\_W  
 ClientSampleId :

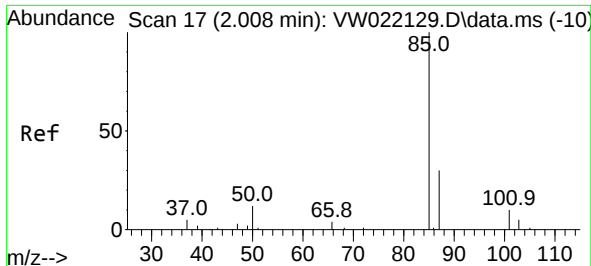
Quant Time: Feb 25 04:50:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Feb 25 04:49:00 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 2430     | 1.028 | ug/L   | 85       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 1822     | 2.169 | ug/L   | 96       |
| 42) Toluene                   | 10.384 | 91   | 10237    | 1.356 | ug/L   | 87       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 1679     | 1.217 | ug/L   | 92       |
| 46) Tetrachloroethene         | 10.860 | 164  | 1906     | 1.140 | ug/L   | 90       |
| 48) 2-Hexanone                | 10.963 | 43   | 1513     | 2.595 | ug/L # | 93       |
| 49) Dibromochloromethane      | 11.128 | 129  | 1787     | 1.066 | ug/L   | 97       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 1518     | 1.141 | ug/L # | 98       |
| 51) Chlorobenzene             | 11.658 | 112  | 5817     | 1.107 | ug/L   | 93       |
| 52) Ethylbenzene              | 11.731 | 91   | 8876     | 1.063 | ug/L   | 90       |
| 53) m,p-Xylene                | 11.835 | 106  | 3502     | 1.019 | ug/L   | 93       |
| 54) o-Xylene                  | 12.164 | 106  | 3111     | 0.962 | ug/L   | 95       |
| 55) Styrene                   | 12.176 | 104  | 5246     | 0.968 | ug/L   | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 2124     | 1.327 | ug/L # | 83       |
| 59) Bromoform                 | 12.353 | 173  | 893      | 0.991 | ug/L # | 92       |
| 60) Isopropylbenzene          | 12.463 | 105  | 8737     | 1.068 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 1456     | 1.354 | ug/L   | 95       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 5668     | 1.042 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 7402     | 1.114 | ug/L   | 94       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 4554     | 1.122 | ug/L   | 93       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 5011     | 1.232 | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 4295     | 1.191 | ug/L   | 91       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 3128     | 1.074 | ug/L   | 94       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 2514     | 1.141 | ug/L   | 99       |
| 71) Naphthalene               | 15.359 | 128  | 4327     | 1.112 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 2138     | 1.122 | ug/L   | 97       |
| -----                         |        |      |          |       |        |          |

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

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QLast Update : Fri Feb 25 04:49:00 2022  
Response via : Initial Calibration

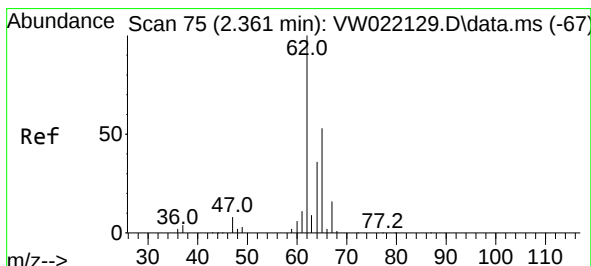
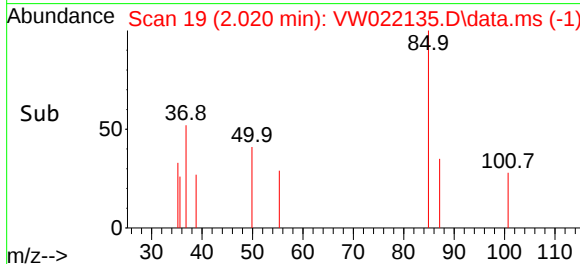
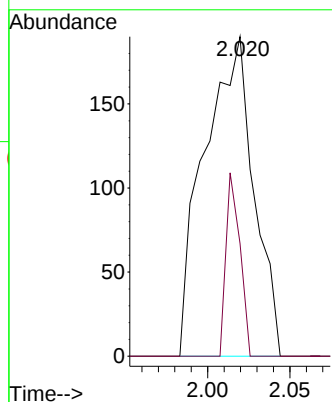
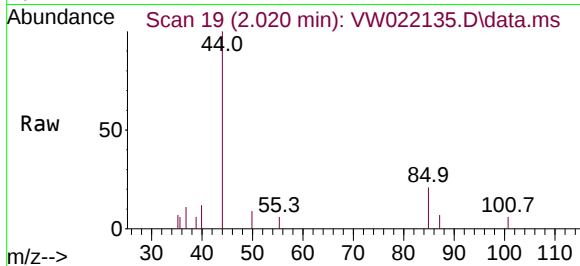




#2  
Dichlorodifluoromethane  
Concen: 0.973 ug/L  
RT: 2.020 min Scan# 19  
Delta R.T. 0.012 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

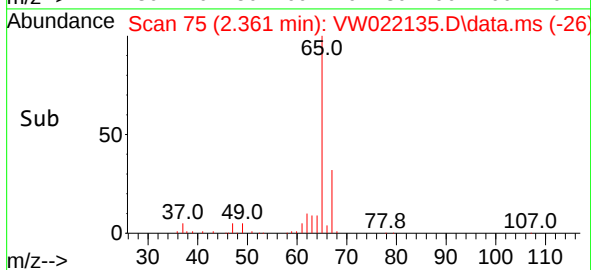
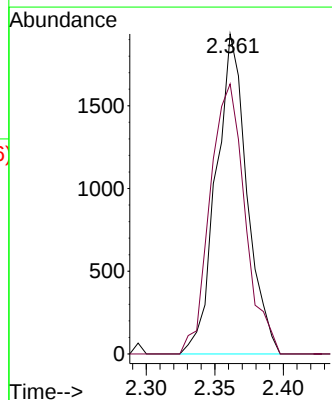
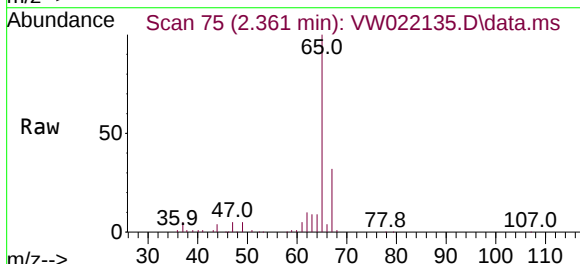
Instrument :  
MSVOA\_W  
ClientSampleId :

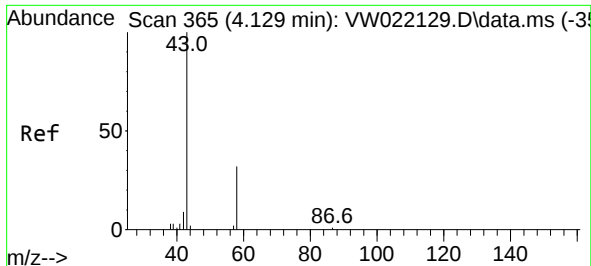
Tgt Ion: 85 Resp: 398  
Ion Ratio Lower Upper  
85 100  
87 16.1 27.6 41.4#



#5  
Vinyl chloride  
Concen: 1.442 ug/L  
RT: 2.361 min Scan# 75  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Tgt Ion: 62 Resp: 3036  
Ion Ratio Lower Upper  
62 100  
64 84.4 24.7 45.9#





#13

Acetone

Concen: 3.831 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Instrument :

MSVOA\_W

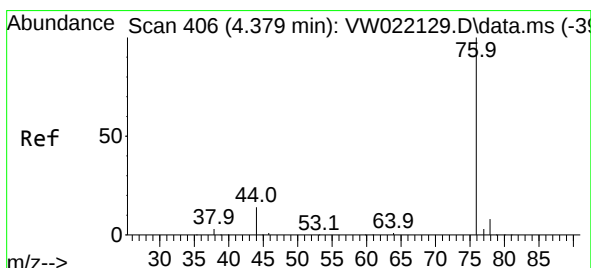
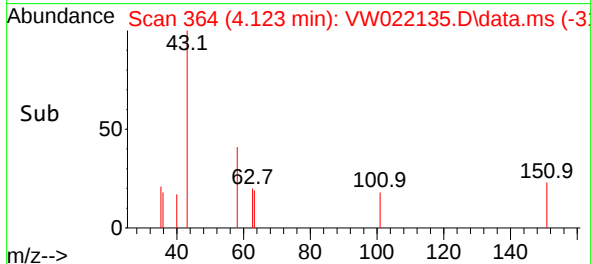
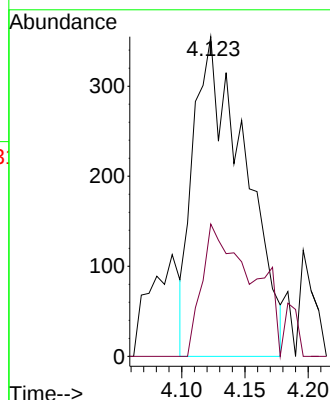
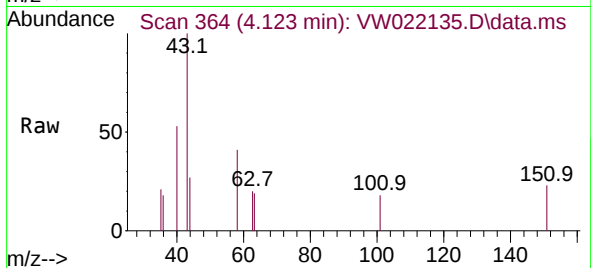
ClientSampleId :

Tgt Ion: 43 Resp: 1004

Ion Ratio Lower Upper

43 100

58 30.2 0.0 69.2



#14

Carbon disulfide

Concen: 1.216 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

Lab File: VW022135.D

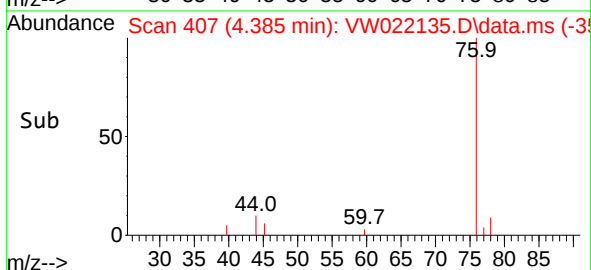
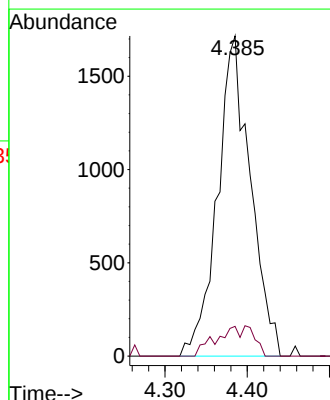
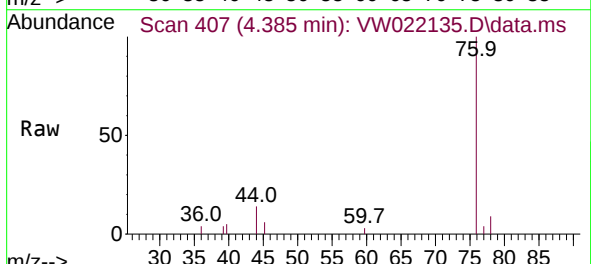
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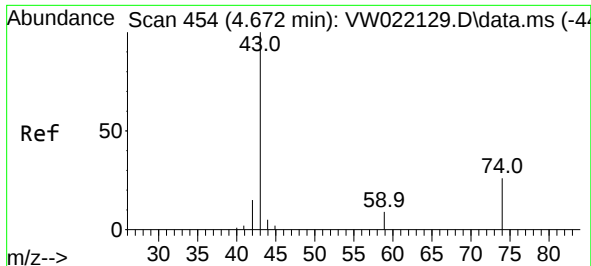
Tgt Ion: 76 Resp: 4764

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.8

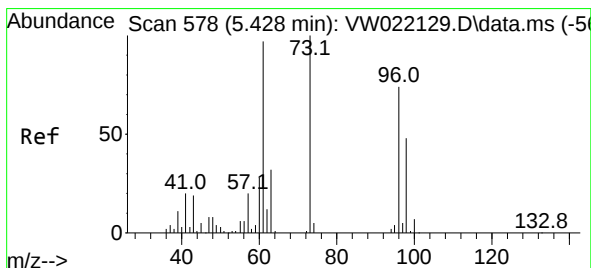
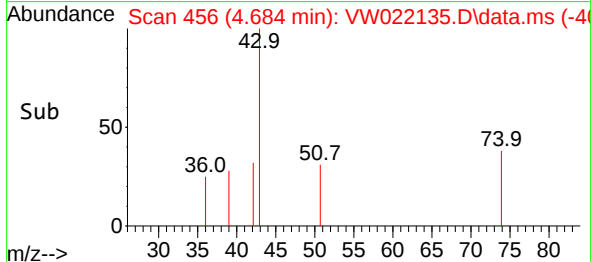
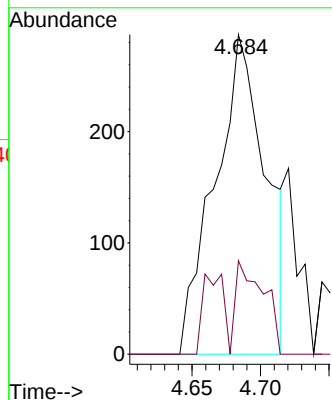
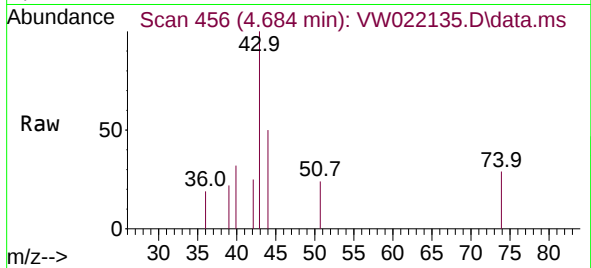




#15  
Methyl Acetate  
Concen: 1.249 ug/L  
RT: 4.684 min Scan# 456  
Delta R.T. 0.012 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

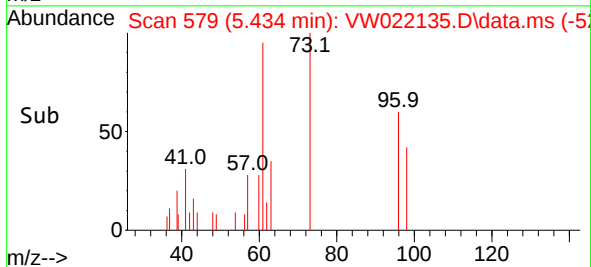
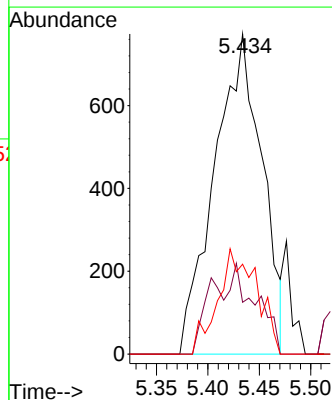
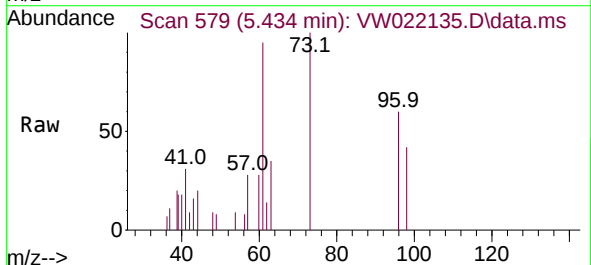
Instrument :  
MSVOA\_W  
ClientSampleId :

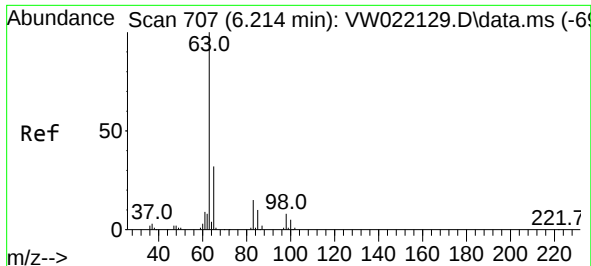
Tgt Ion: 43 Resp: 737  
Ion Ratio Lower Upper  
43 100  
74 13.3 23.0 34.6#



#18  
Methyl tert-butyl Ether  
Concen: 1.097 ug/L  
RT: 5.434 min Scan# 579  
Delta R.T. 0.006 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Tgt Ion: 73 Resp: 2478  
Ion Ratio Lower Upper  
73 100  
43 2.9 15.4 23.2#  
57 13.2 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 1.224 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

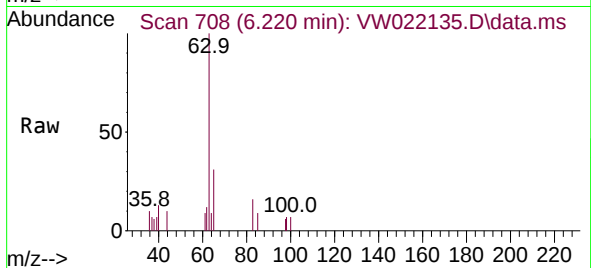
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Acq: 24 Feb 2022 13:45

Instrument :

MSVOA\_W

ClientSampleId :



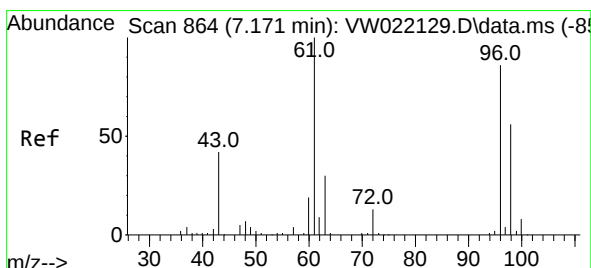
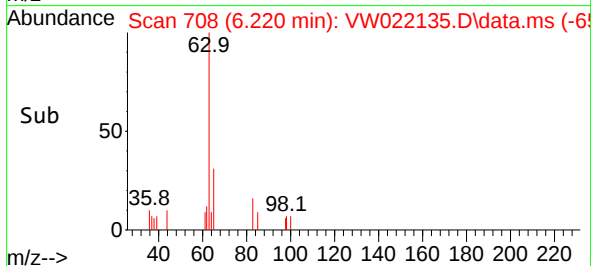
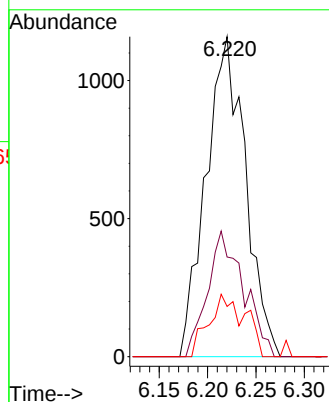
Tgt Ion: 63 Resp: 3289

Ion Ratio Lower Upper

63 100

65 31.1 22.5 41.9

83 15.7 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 1.189 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

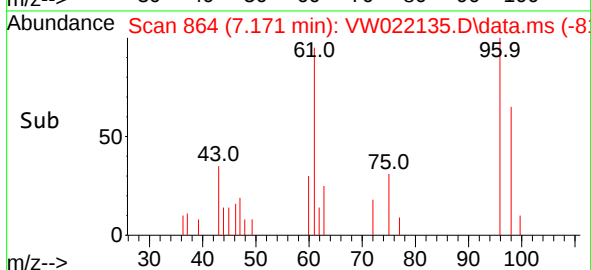
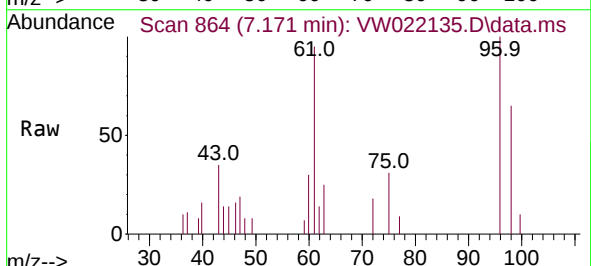
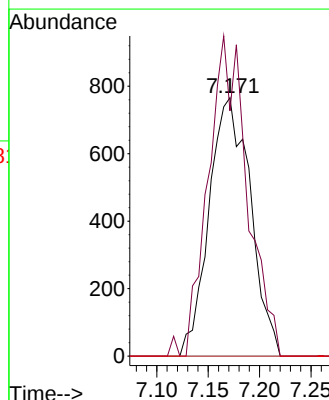
Tgt Ion: 96 Resp: 2139

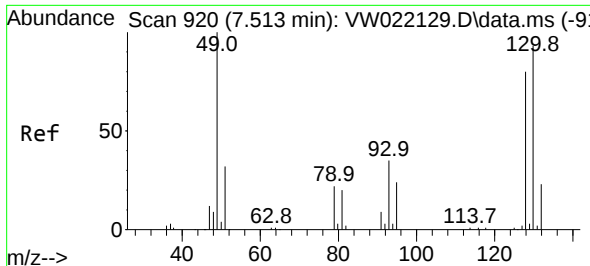
Ion Ratio Lower Upper

96 100

61 94.9 76.8 142.6

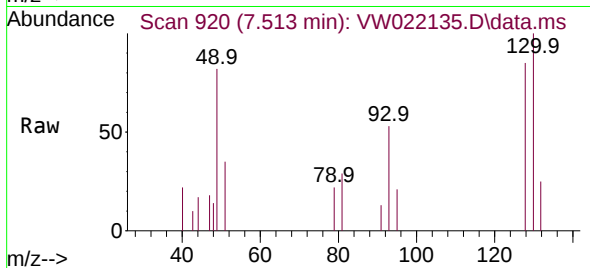
68 0.0 0.0 0.0



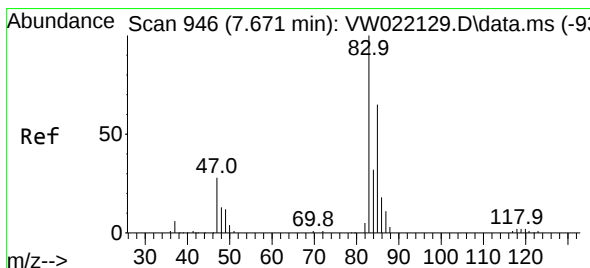
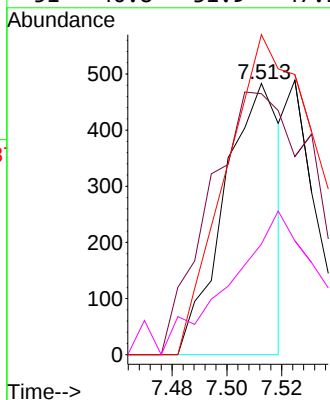
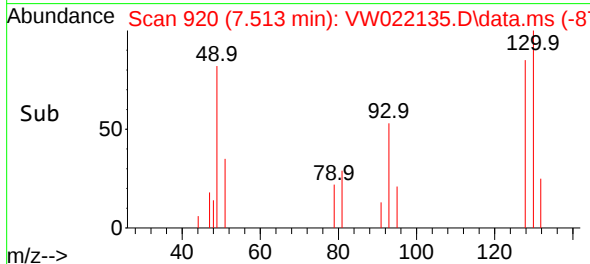


#23  
Bromochloromethane  
Concen: 0.782 ug/L  
RT: 7.513 min Scan# 912  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Instrument :  
MSVOA\_W  
ClientSampleId :

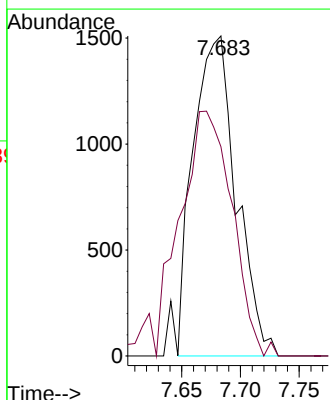
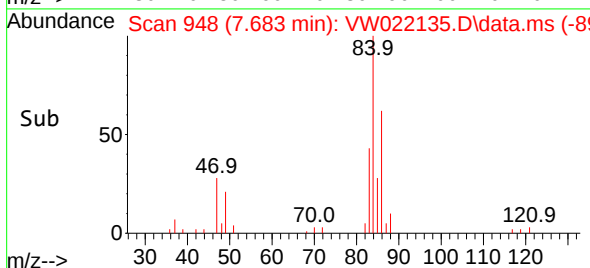
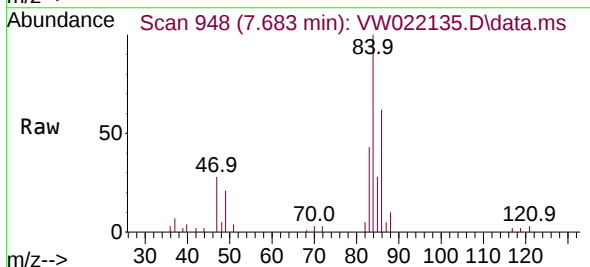


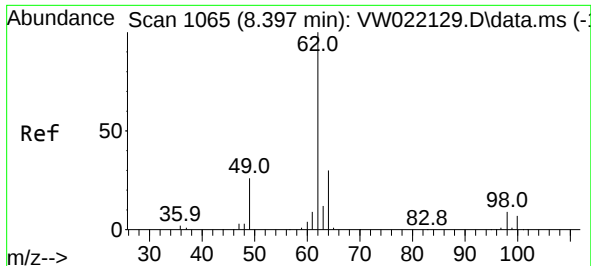
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 687   |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 96.3  | 84.2  | 156.4 |
| 130      | 118.0 | 84.8  | 157.4 |
| 51       | 40.8  | 31.9  | 47.9  |



#25  
Chloroform  
Concen: 1.231 ug/L  
RT: 7.683 min Scan# 948  
Delta R.T. 0.012 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 3860  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.4  | 45.1  | 83.9  |





#27

1,2-Dichloroethane

Concen: 1.230 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Instrument :

MSVOA\_W

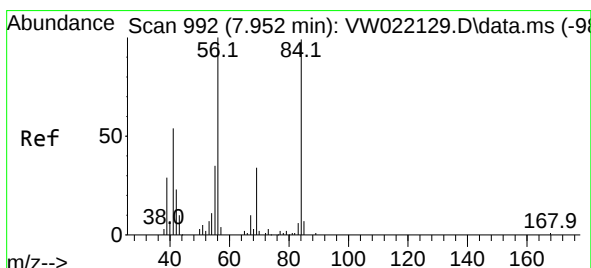
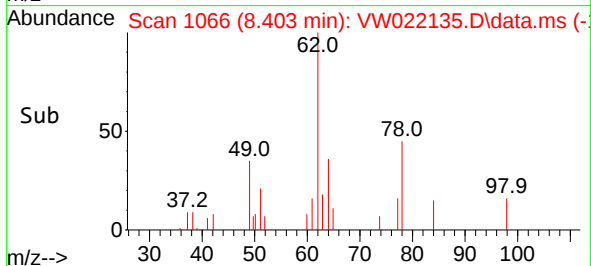
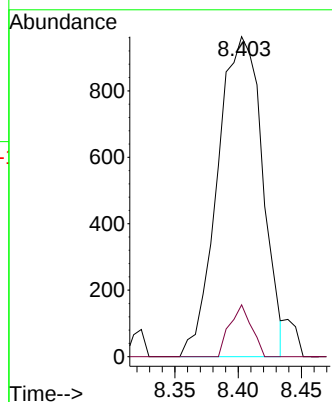
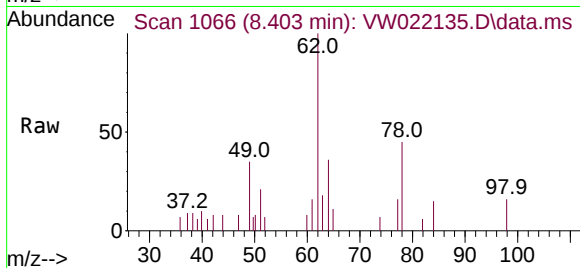
ClientSampleId :

Tgt Ion: 62 Resp: 2376

Ion Ratio Lower Upper

62 100

98 16.2 7.9 11.9#



#29

Cyclohexane

Concen: 1.143 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

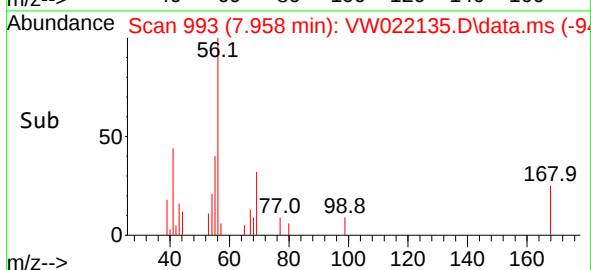
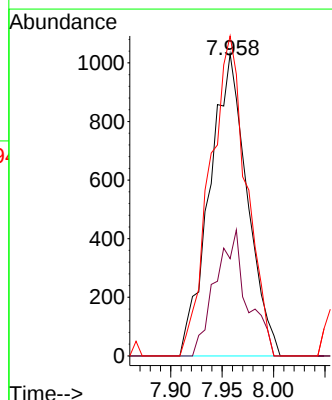
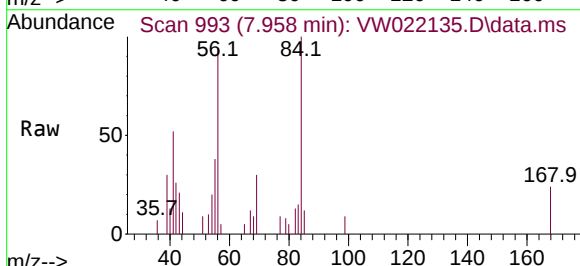
Tgt Ion: 56 Resp: 2624

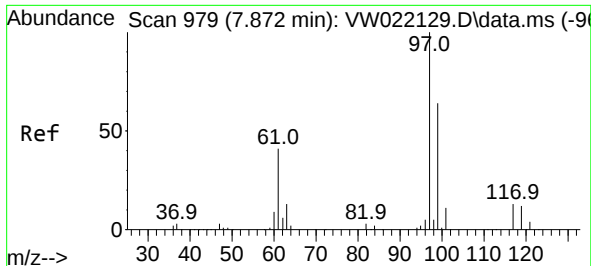
Ion Ratio Lower Upper

56 100

69 29.8 26.3 39.5

84 102.5 81.4 122.2





#30

1,1,1-Trichloroethane

Concen: 1.224 ug/L

RT: 7.872 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW022135.D

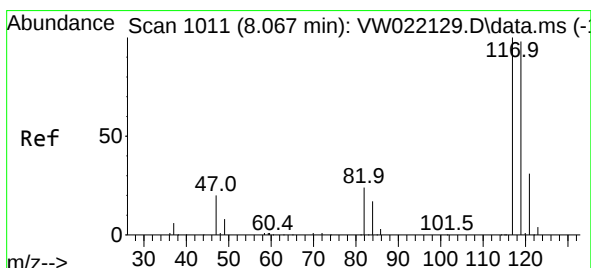
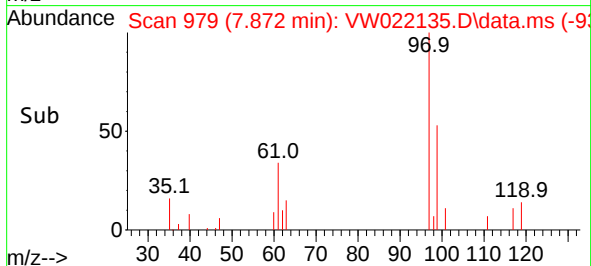
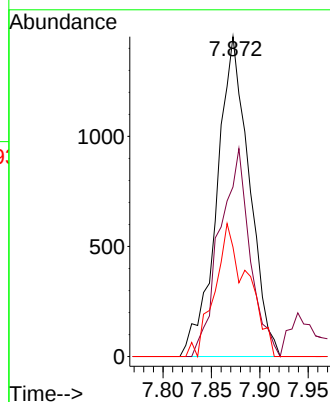
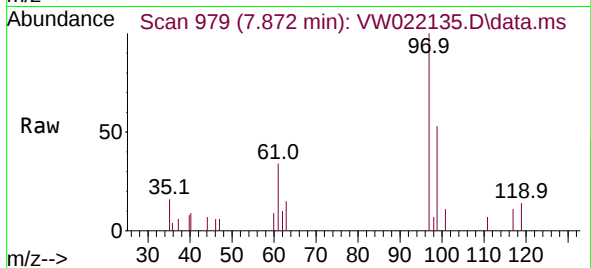
Acq: 24 Feb 2022 13:45

Instrument :

MSVOA\_W

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 97 | Resp: | 3396      |
| Ion Ratio   | Lower | Upper     |
| 97          | 100   |           |
| 99          | 60.9  | 52.6 78.8 |
| 61          | 27.6  | 33.0 49.6 |



#31

Carbon tetrachloride

Concen: 1.098 ug/L

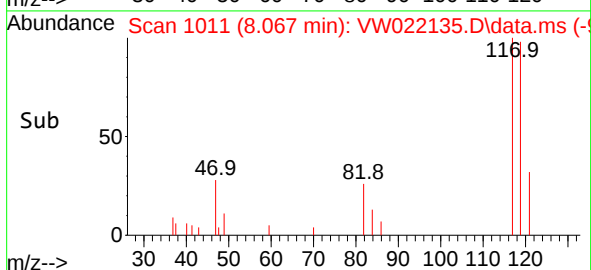
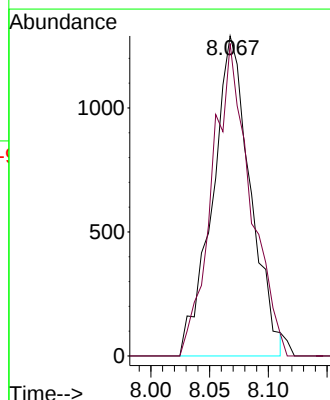
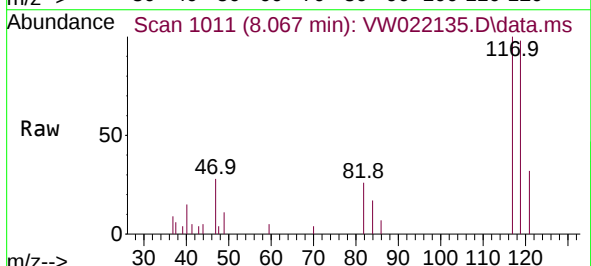
RT: 8.067 min Scan# 1011

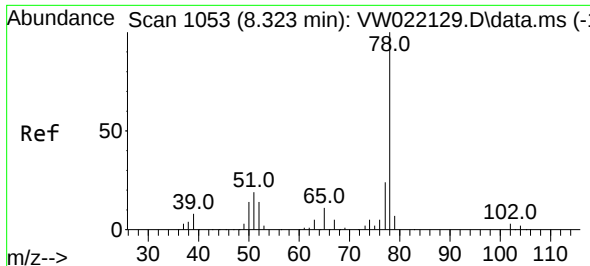
Delta R.T. -0.000 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

|              |       |            |
|--------------|-------|------------|
| Tgt Ion: 117 | Resp: | 2897       |
| Ion Ratio    | Lower | Upper      |
| 117          | 100   |            |
| 119          | 98.8  | 76.7 115.1 |

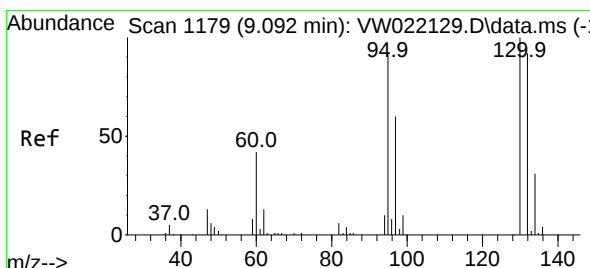
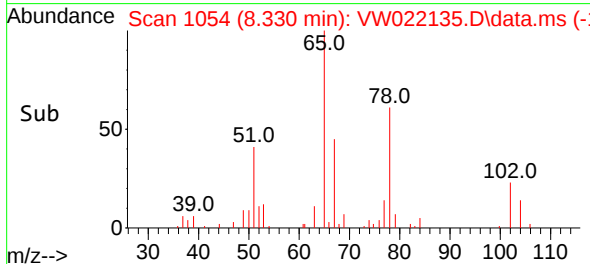
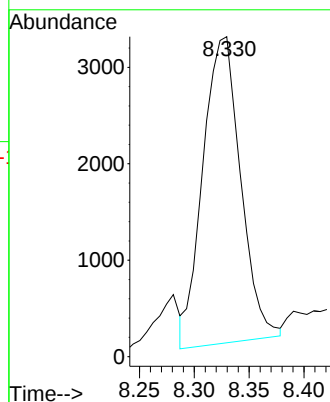
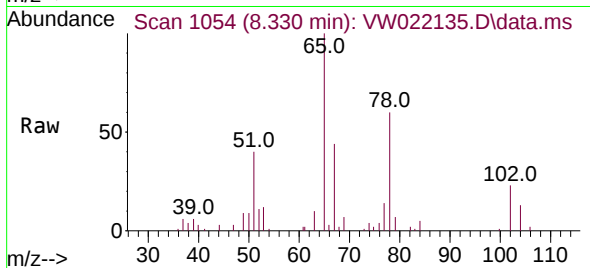




#33  
Benzene  
Concen: 1.144 ug/L  
RT: 8.330 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Instrument :  
MSVOA\_W  
ClientSampleId :

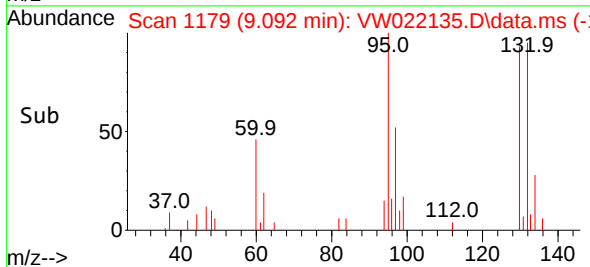
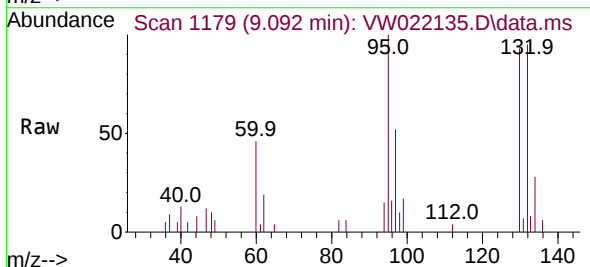
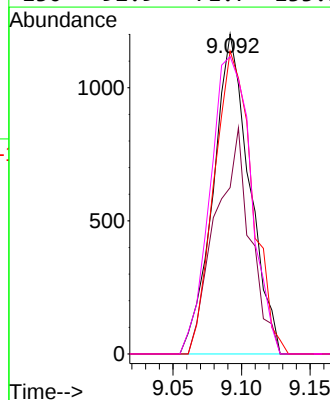
Tgt Ion: 78 Resp: 7631

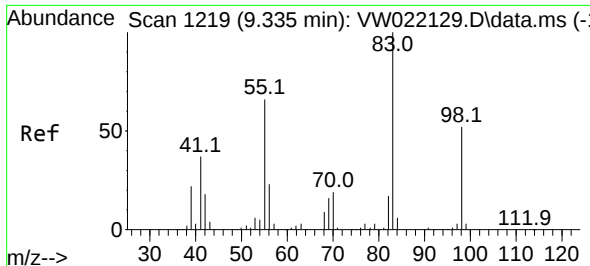


#34  
Trichloroethene  
Concen: 1.159 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Tgt Ion: 95 Resp: 2213

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 52.0  | 44.4  | 82.4  |
| 132 | 102.4 | 71.7  | 133.1 |
| 130 | 92.9  | 71.7  | 133.1 |





#35

Methylcyclohexane

Concen: 1.184 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Instrument :

MSVOA\_W

ClientSampleId :

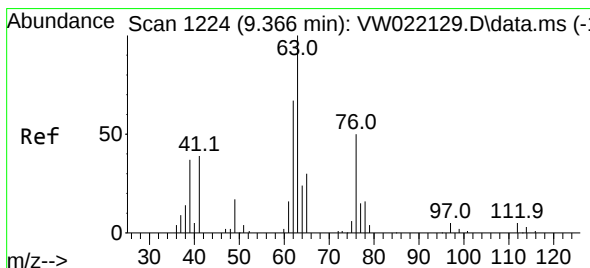
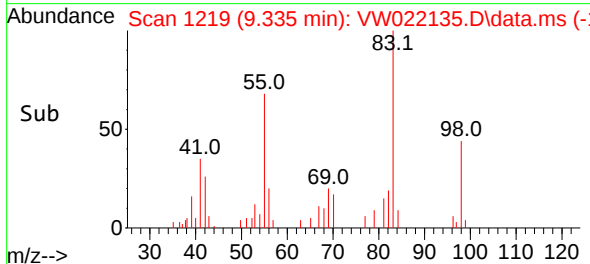
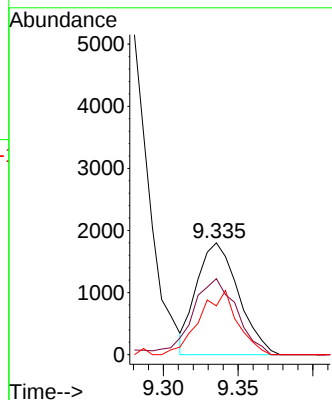
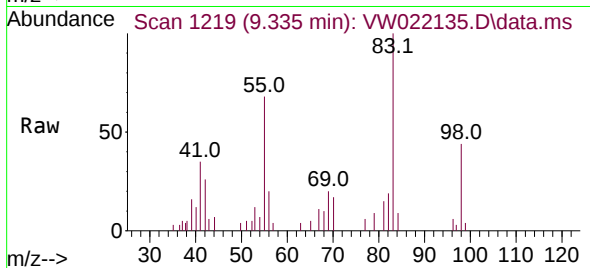
Tgt Ion: 83 Resp: 3497

Ion Ratio Lower Upper

83 100

55 71.3 53.8 80.8

98 52.0 42.1 63.1



#37

1,2-Dichloropropane

Concen: 1.267 ug/L

RT: 9.372 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VW022135.D

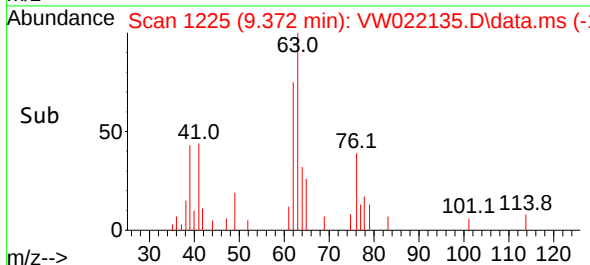
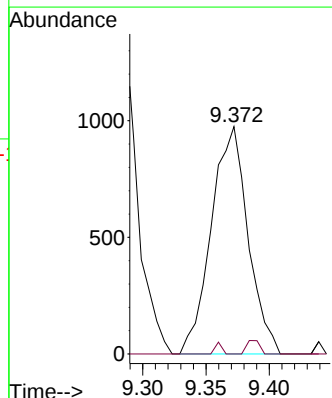
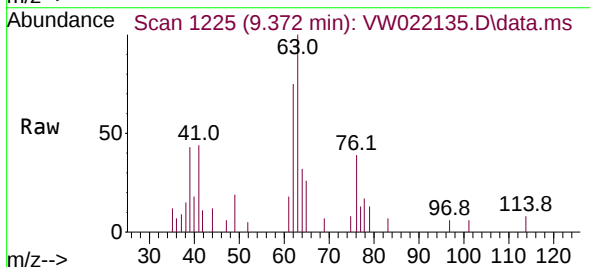
Acq: 24 Feb 2022 13:45

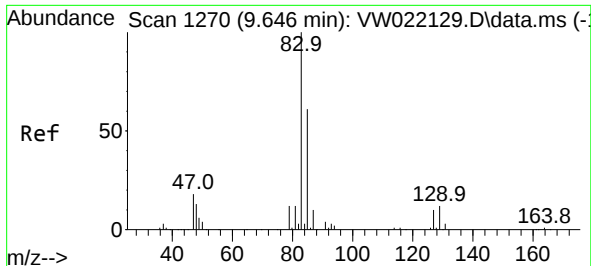
Tgt Ion: 63 Resp: 1971

Ion Ratio Lower Upper

63 100

112 2.1 4.1 6.1#

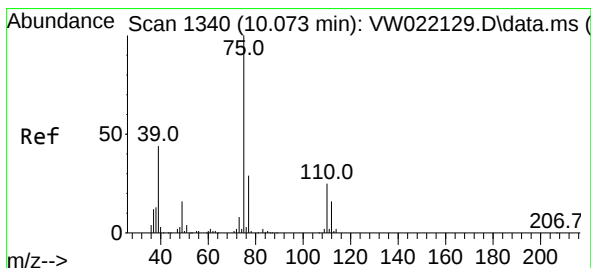
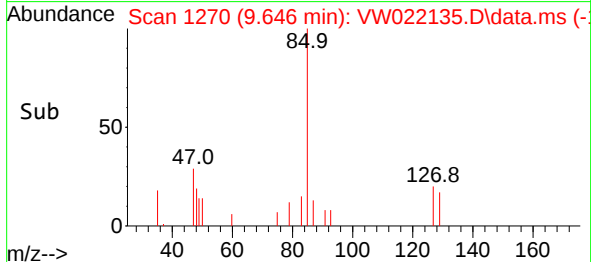
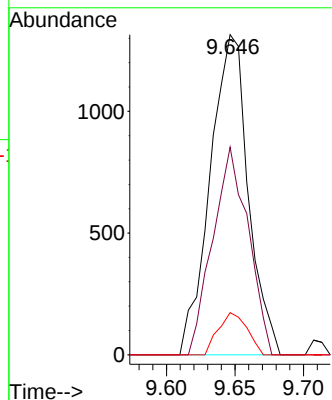
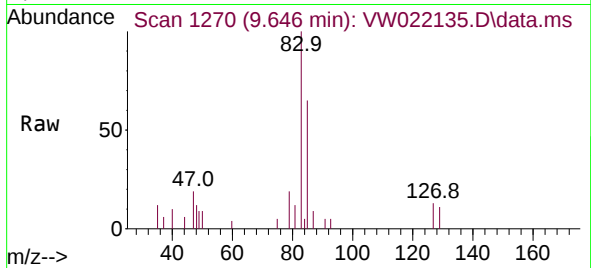




#38  
Bromodichloromethane  
Concen: 1.144 ug/L  
RT: 9.646 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

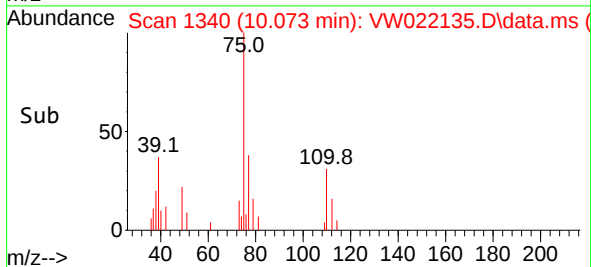
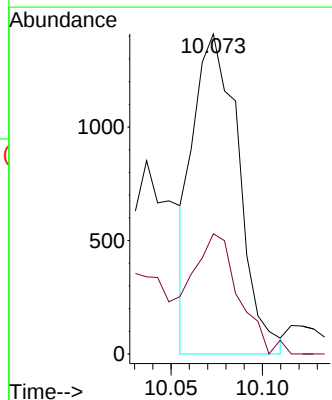
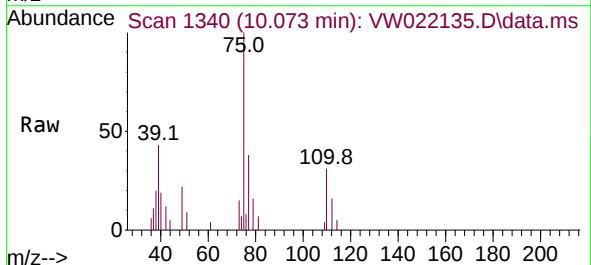
Instrument :  
MSVOA\_W  
ClientSampleId :

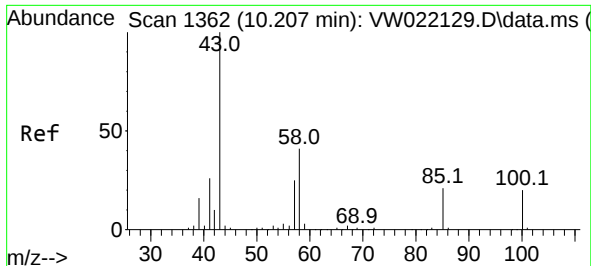
Tgt Ion: 83 Resp: 2552  
Ion Ratio Lower Upper  
83 100  
85 64.9 47.9 89.1  
127 13.2 7.5 11.3#



#39  
cis-1,3-Dichloropropene  
Concen: 1.028 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Tgt Ion: 75 Resp: 2430  
Ion Ratio Lower Upper  
75 100  
77 37.6 20.6 38.2

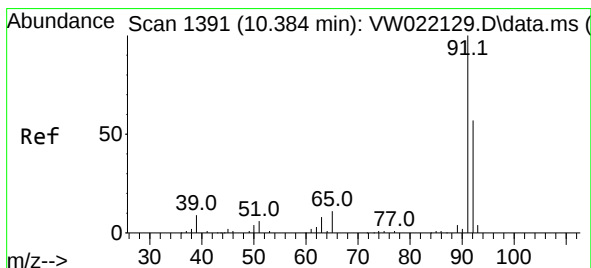
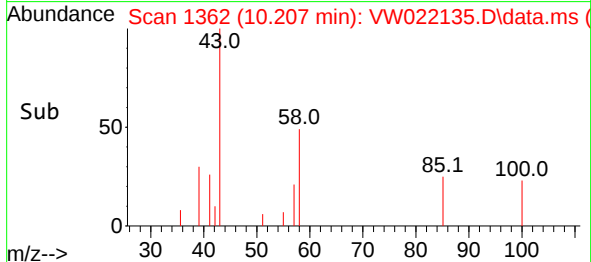
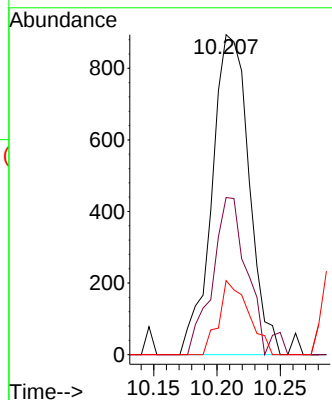
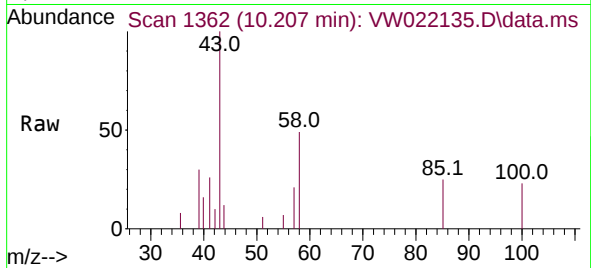




#40  
4-Methyl-2-pentanone  
Concen: 2.169 ug/L  
RT: 10.207 min Scan# 1362  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

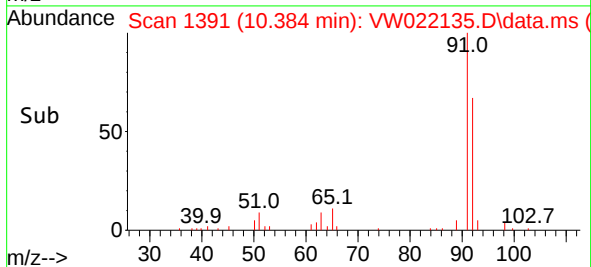
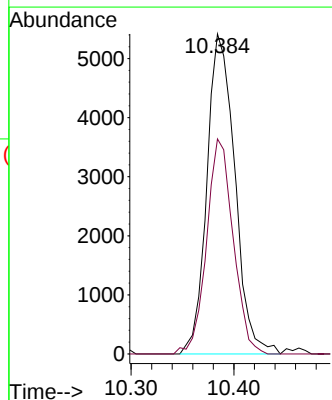
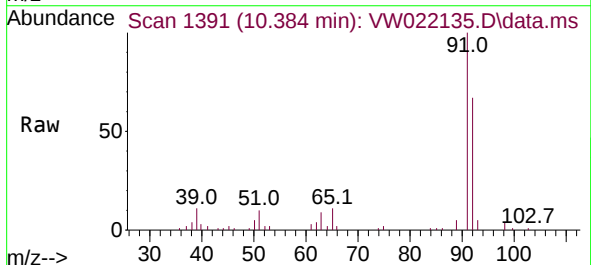
Instrument :  
MSVOA\_W  
ClientSampleId :

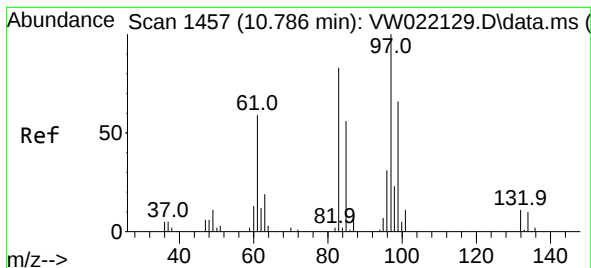
Tgt Ion: 43 Resp: 1822  
Ion Ratio Lower Upper  
43 100  
58 44.5 33.2 49.8  
100 18.5 16.1 24.1



#42  
Toluene  
Concen: 1.356 ug/L  
RT: 10.384 min Scan# 1391  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Tgt Ion: 91 Resp: 10237  
Ion Ratio Lower Upper  
91 100  
92 67.2 40.4 75.0





#45

1,1,2-Trichloroethane

Concen: 1.217 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion: 97 Resp: 1679

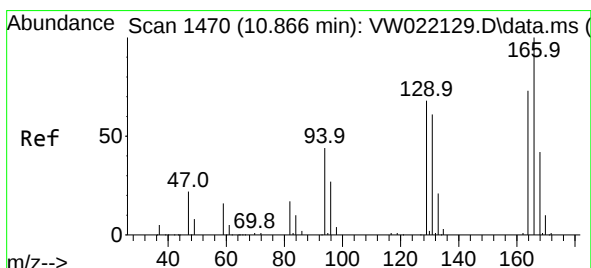
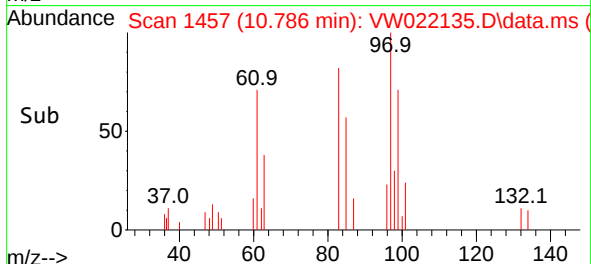
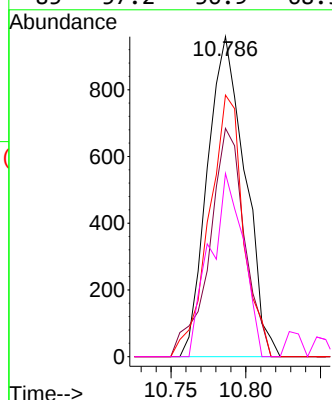
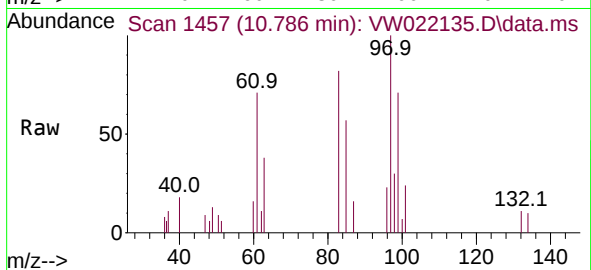
Ion Ratio Lower Upper

97 100

99 71.3 43.5 80.7

83 81.8 53.5 99.3

85 57.2 36.9 68.5



#46

Tetrachloroethene

Concen: 1.140 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Tgt Ion:164 Resp: 1906

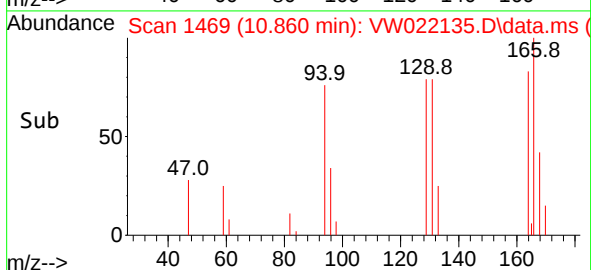
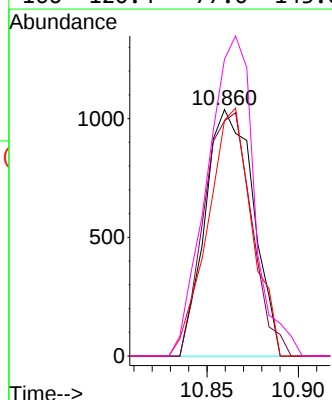
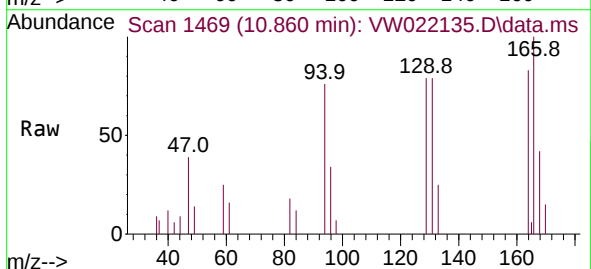
Ion Ratio Lower Upper

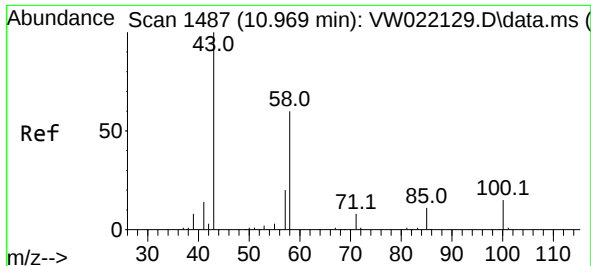
164 100

129 95.4 60.3 111.9

131 95.7 59.9 111.3

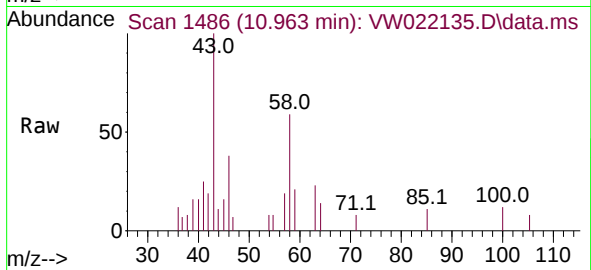
166 120.4 77.0 143.0



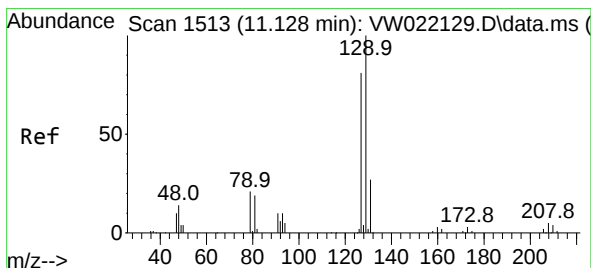
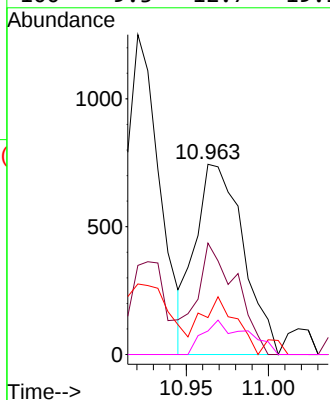
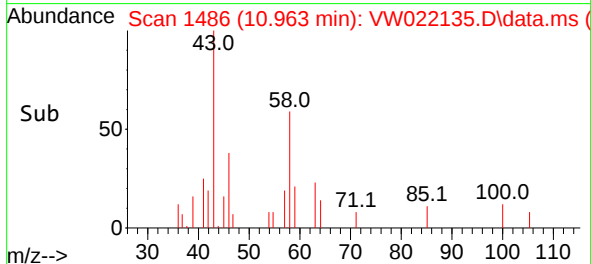


#48  
2-Hexanone  
Concen: 2.595 ug/L  
RT: 10.963 min Scan# 1486  
Delta R.T. -0.006 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Instrument :  
MSVOA\_W  
ClientSampleId :

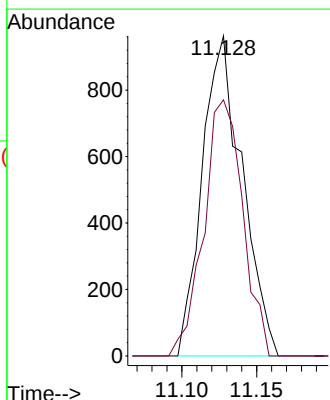
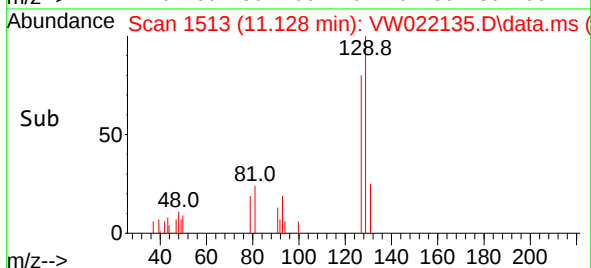
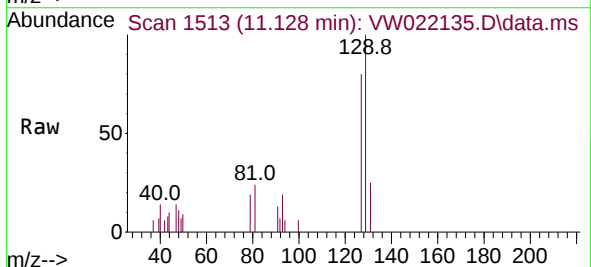


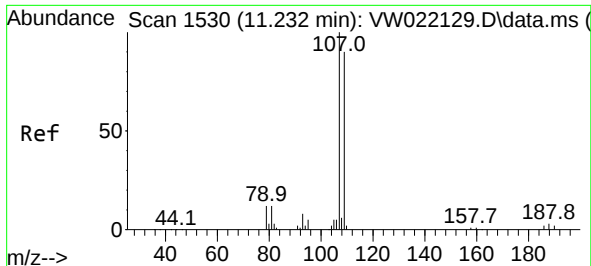
Tgt Ion: 43 Resp: 1513  
Ion Ratio Lower Upper  
43 100  
58 51.6 44.6 66.8  
57 21.7 15.8 23.8  
100 9.3 12.7 19.1#



#49  
Dibromochloromethane  
Concen: 1.066 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Tgt Ion: 129 Resp: 1787  
Ion Ratio Lower Upper  
129 100  
127 80.1 54.5 101.1

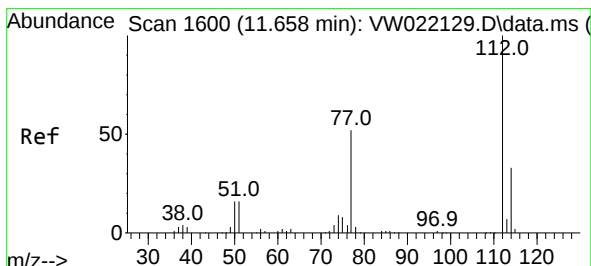
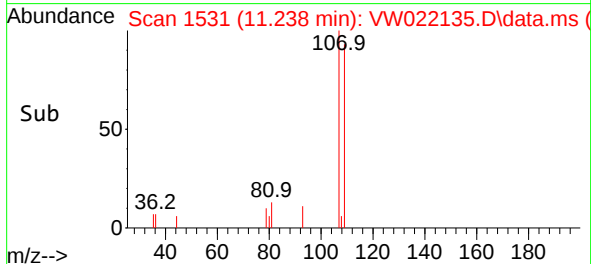
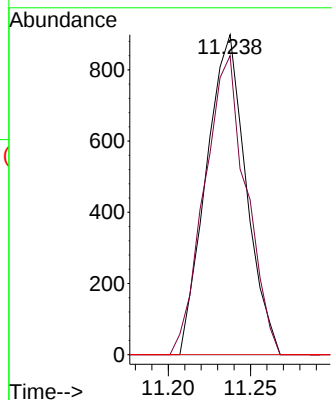
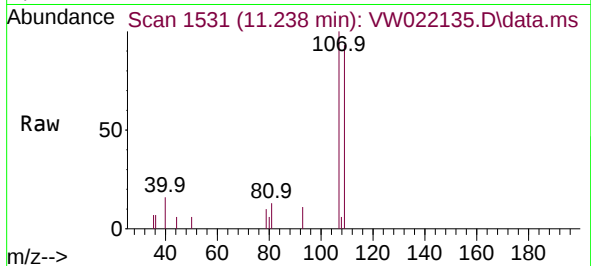




#50  
1,2-Dibromoethane  
Concen: 1.141 ug/L  
RT: 11.238 min Scan# 1531  
Delta R.T. 0.006 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

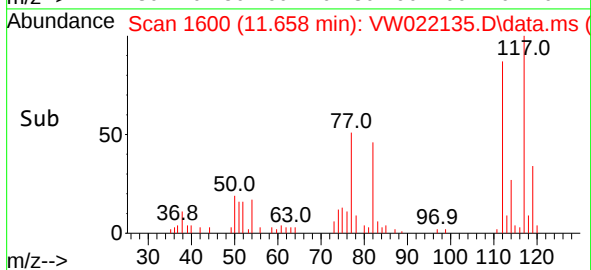
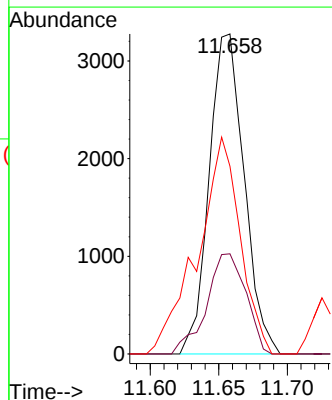
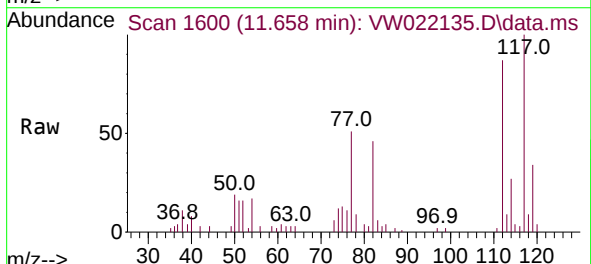
Instrument :  
MSVOA\_W  
ClientSampleId :

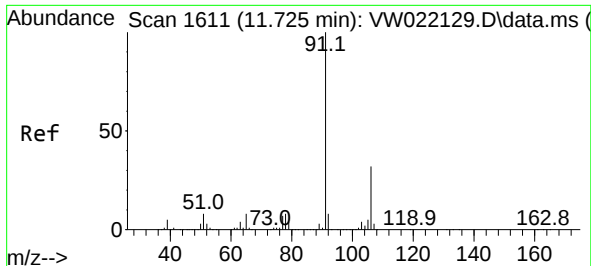
Tgt Ion:107 Resp: 1518  
Ion Ratio Lower Upper  
107 100  
109 93.4 66.8 124.2  
188 0.0 2.6 4.0#



#51  
Chlorobenzene  
Concen: 1.107 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Tgt Ion:112 Resp: 5817  
Ion Ratio Lower Upper  
112 100  
114 31.3 23.0 42.8  
77 58.7 41.8 62.6





#52

Ethylbenzene

Concen: 1.063 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Instrument :

MSVOA\_W

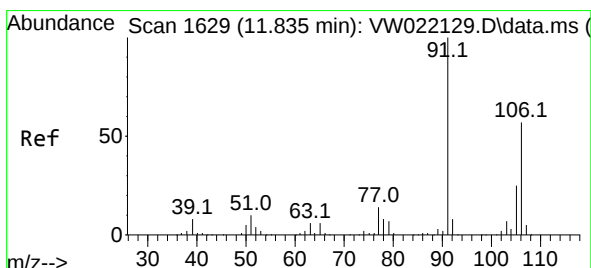
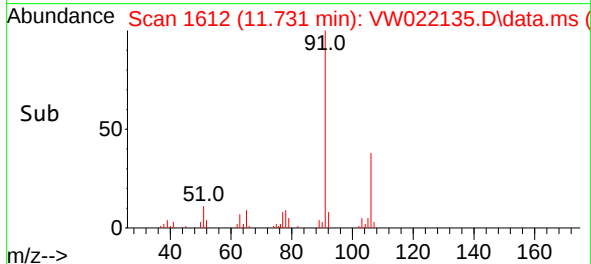
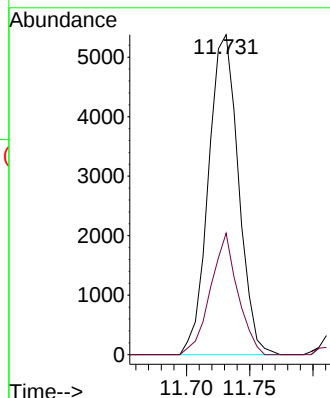
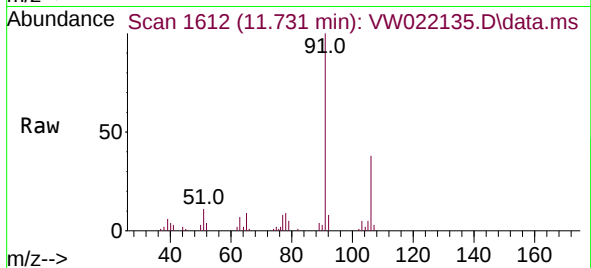
ClientSampleId :

Tgt Ion: 91 Resp: 8876

Ion Ratio Lower Upper

91 100

106 38.0 22.8 42.4



#53

m,p-Xylene

Concen: 1.019 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW022135.D

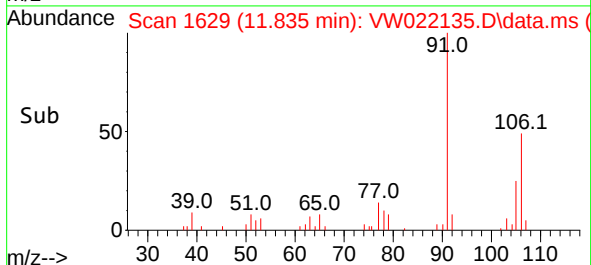
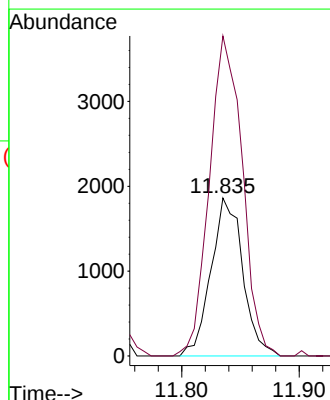
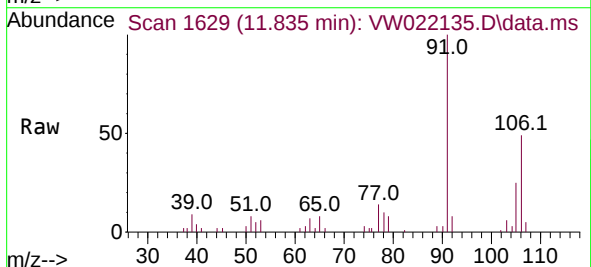
Acq: 24 Feb 2022 13:45

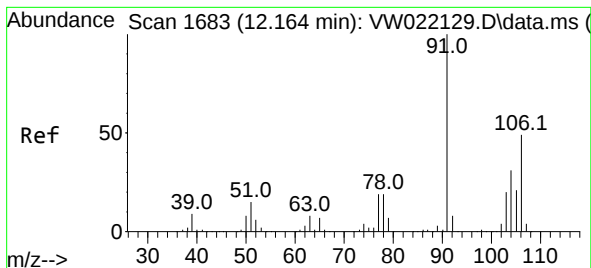
Tgt Ion:106 Resp: 3502

Ion Ratio Lower Upper

106 100

91 202.7 135.0 250.8





#54

o-Xylene

Concen: 0.962 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Instrument :

MSVOA\_W

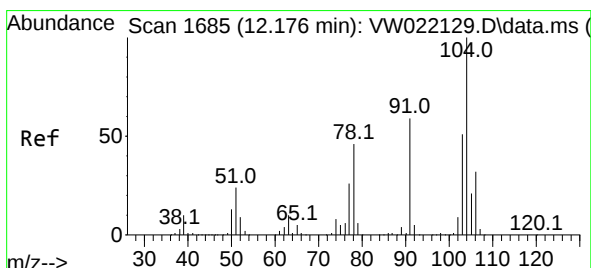
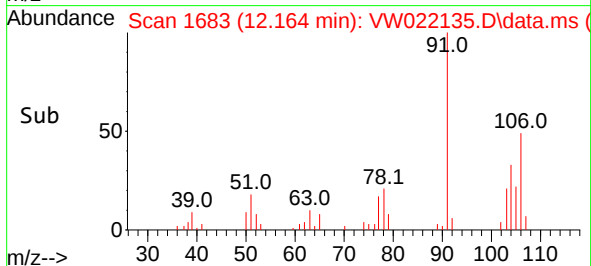
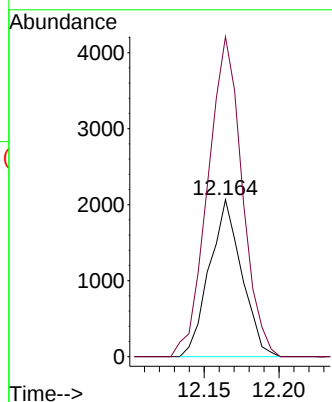
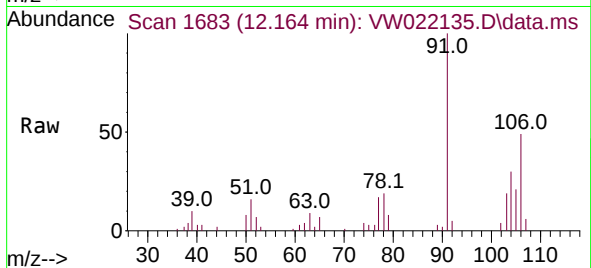
ClientSampleId :

Tgt Ion:106 Resp: 3111

Ion Ratio Lower Upper

106 100

91 203.8 136.9 254.3



#55

Styrene

Concen: 0.968 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022135.D

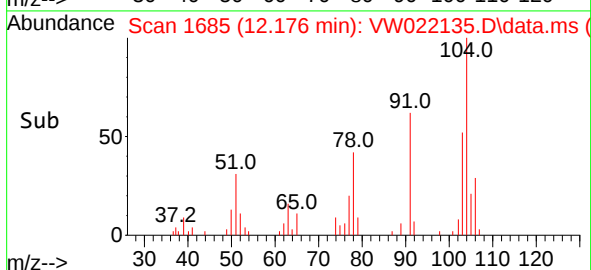
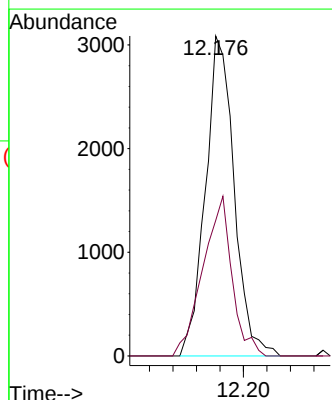
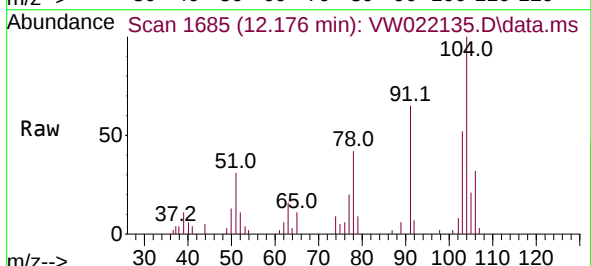
Acq: 24 Feb 2022 13:45

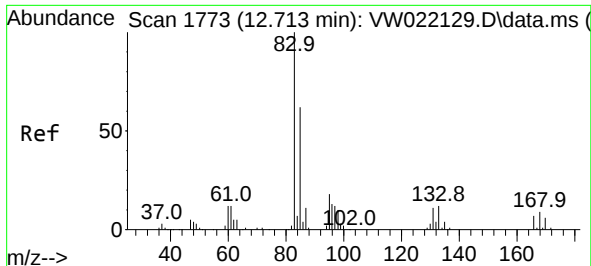
Tgt Ion:104 Resp: 5246

Ion Ratio Lower Upper

104 100

78 42.3 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 1.327 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022135.D

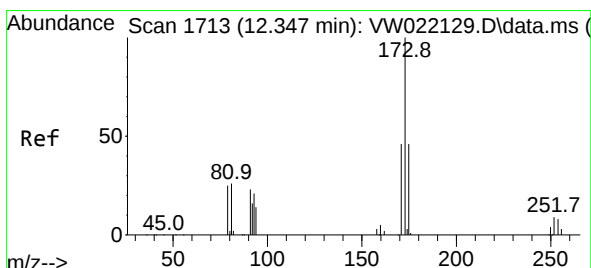
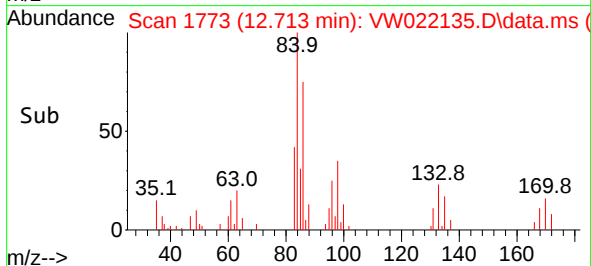
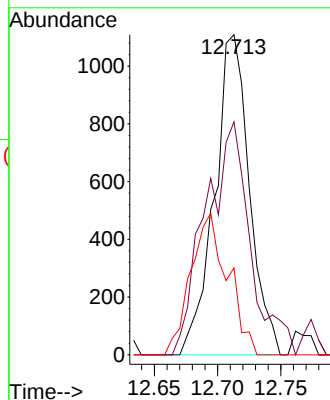
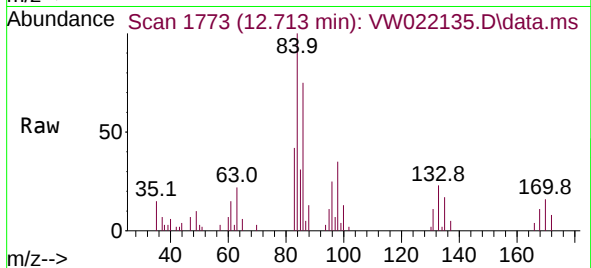
Acq: 24 Feb 2022 13:45

Instrument :

MSVOA\_W

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 2124  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 72.8  | 44.2  | 82.0  |
| 131      | 27.1  | 9.4   | 14.0  |



#59

Bromoform

Concen: 0.991 ug/L

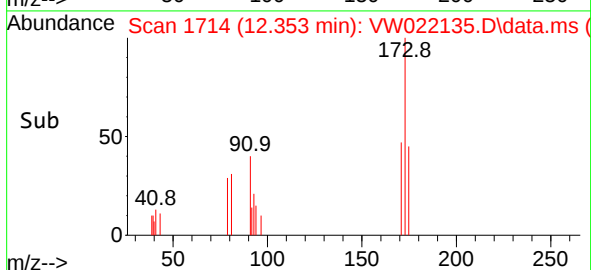
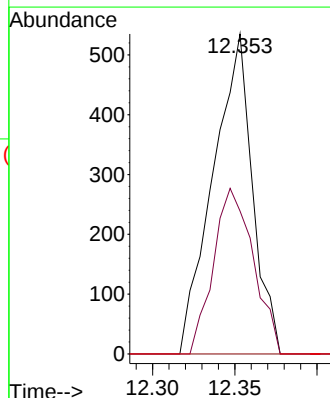
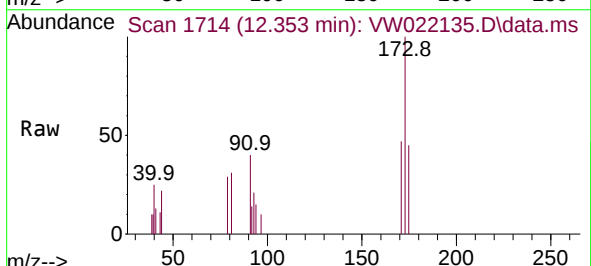
RT: 12.353 min Scan# 1714

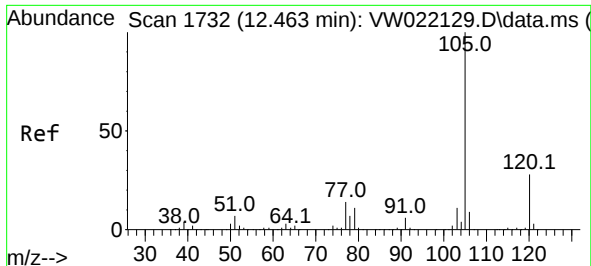
Delta R.T. 0.006 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 893   |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 52.3  | 38.2  | 57.4  |
| 254      | 0.0   | 5.0   | 7.6   |

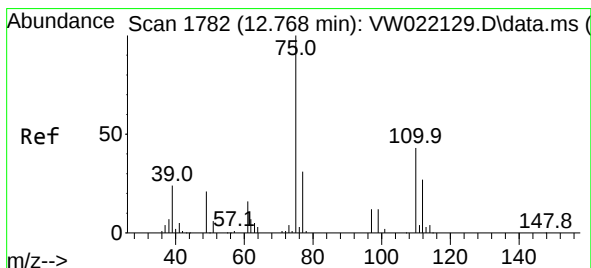
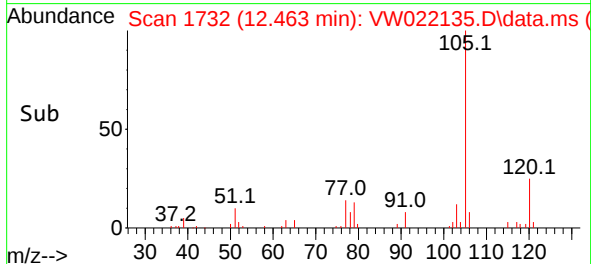
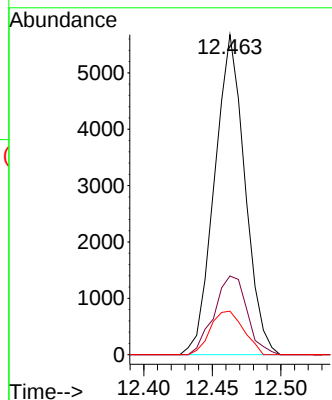
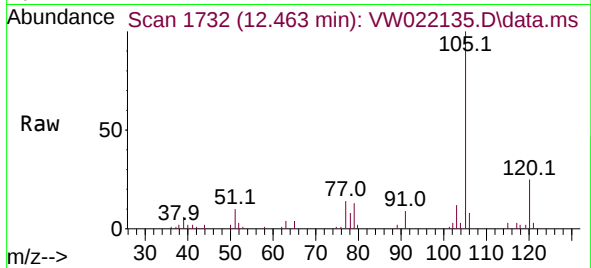




#60  
Isopropylbenzene  
Concen: 1.068 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

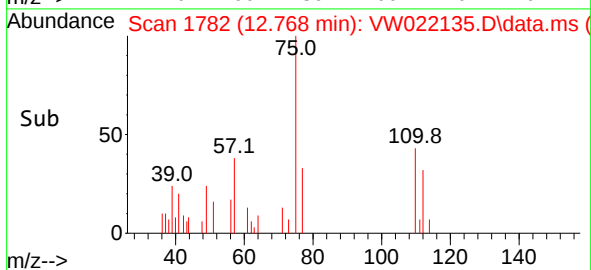
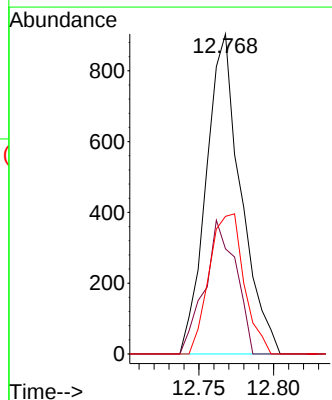
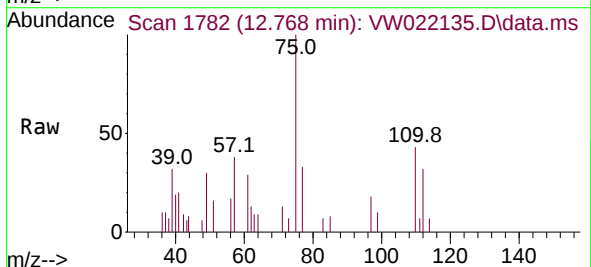
Instrument :  
MSVOA\_W  
ClientSampleId :

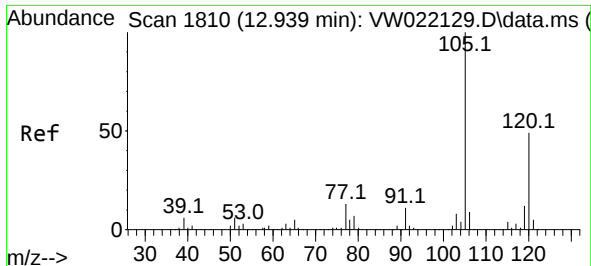
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 8737  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 26.7  | 22.1  | 33.1  |
| 77       | 14.9  | 12.0  | 18.0  |



#61  
1,2,3-Trichloropropane  
Concen: 1.354 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 1456  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 37.7  | 27.1  | 40.7  |
| 110      | 44.0  | 36.7  | 55.1  |





#62

1,3,5-Trimethylbenzene

Concen: 1.042 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Instrument :

MSVOA\_W

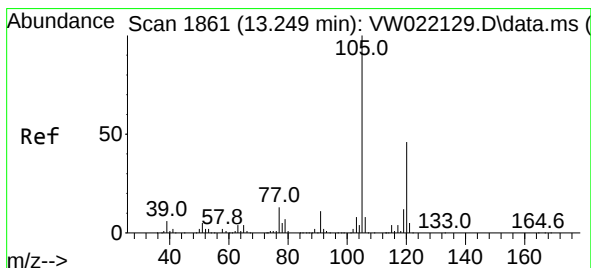
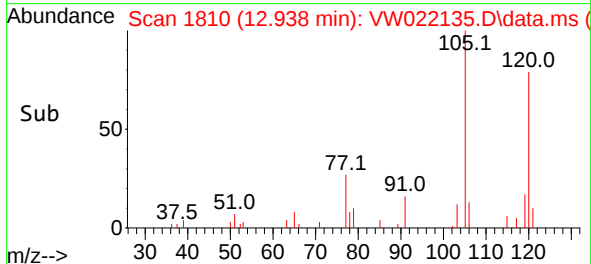
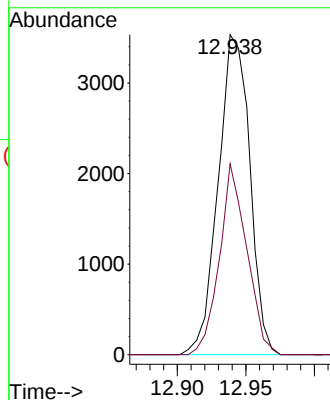
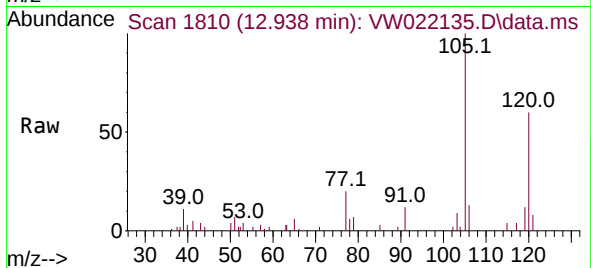
ClientSampleId :

Tgt Ion:105 Resp: 5668

Ion Ratio Lower Upper

105 100

120 51.7 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 1.114 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022135.D

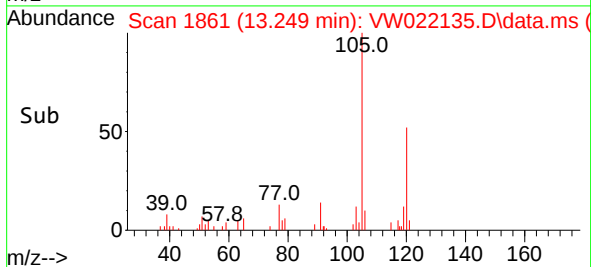
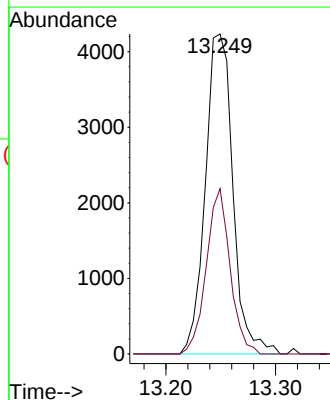
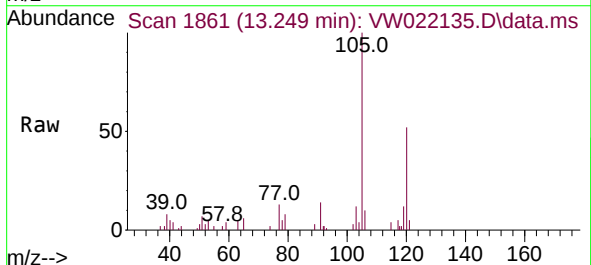
Acq: 24 Feb 2022 13:45

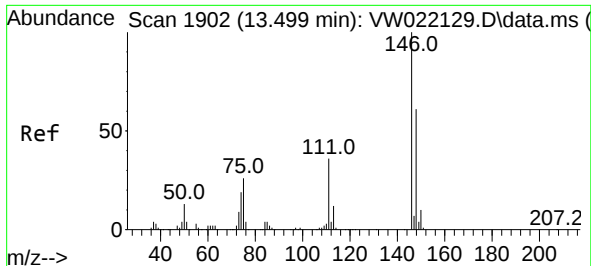
Tgt Ion:105 Resp: 7402

Ion Ratio Lower Upper

105 100

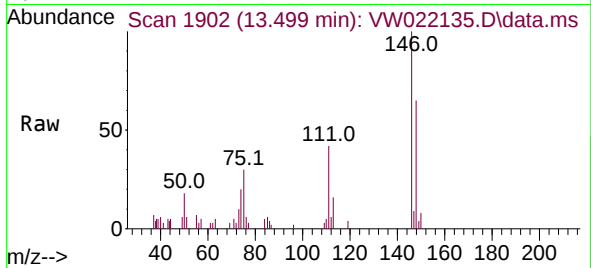
120 44.6 39.2 58.8



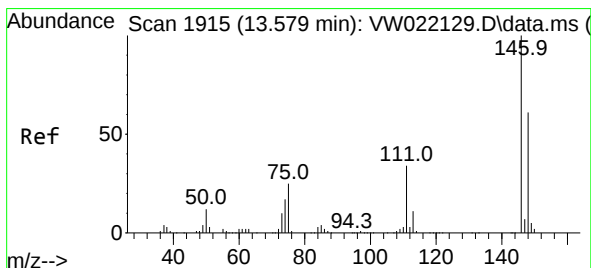
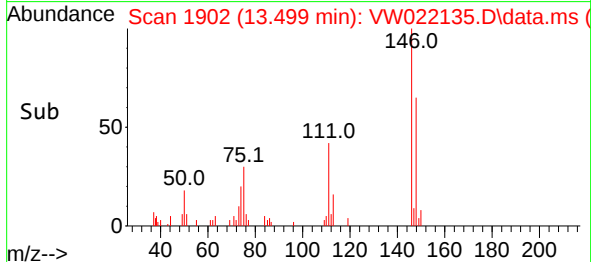
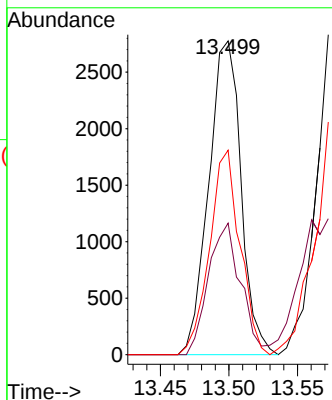


#64  
1,3-Dichlorobenzene  
Concen: 1.122 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Instrument :  
MSVOA\_W  
ClientSampleId :

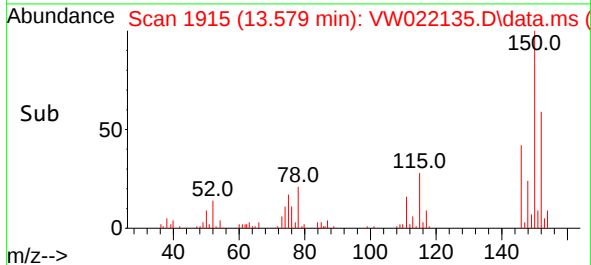
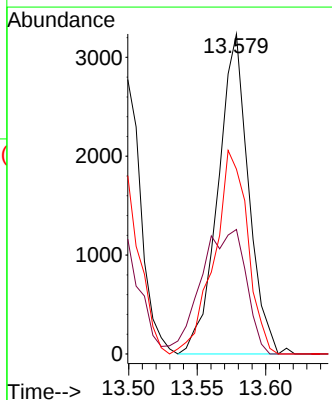
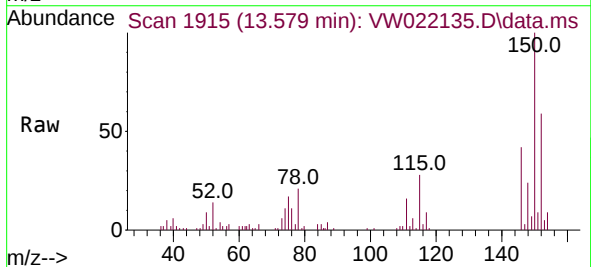


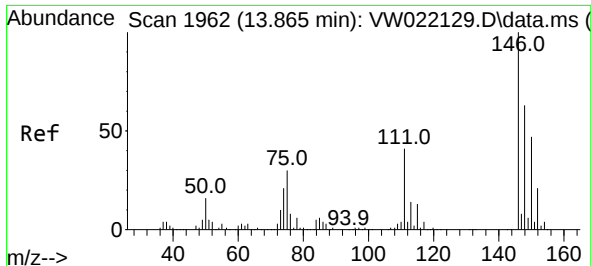
Tgt Ion:146 Resp: 4554  
Ion Ratio Lower Upper  
146 100  
111 41.9 26.9 49.9  
148 65.1 41.6 77.2



#65  
1,4-Dichlorobenzene  
Concen: 1.232 ug/L  
RT: 13.579 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Tgt Ion:146 Resp: 5011  
Ion Ratio Lower Upper  
146 100  
111 38.9 27.5 51.1  
148 57.8 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 1.191 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Instrument :

MSVOA\_W

ClientSampleId :

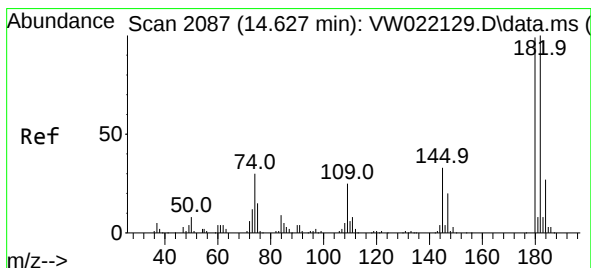
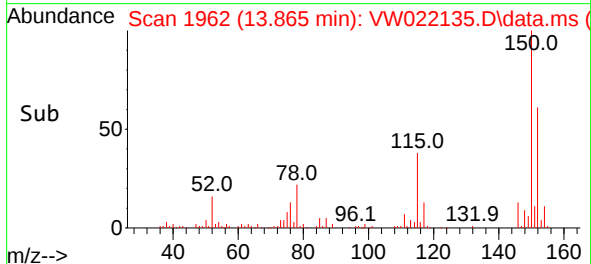
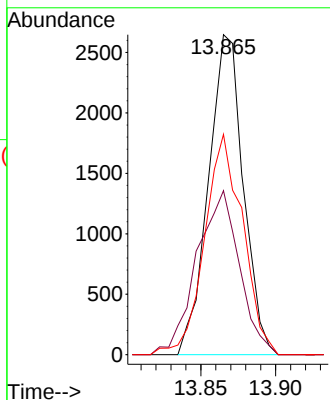
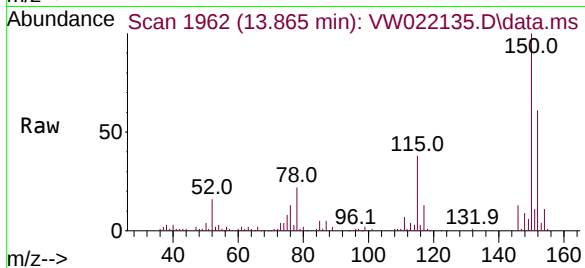
Tgt Ion:146 Resp: 4295

Ion Ratio Lower Upper

146 100

111 51.3 34.8 52.2

148 68.8 50.4 75.6



#69

1,3,5-Trichlorobenzene

Concen: 1.074 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Tgt Ion:180 Resp: 3128

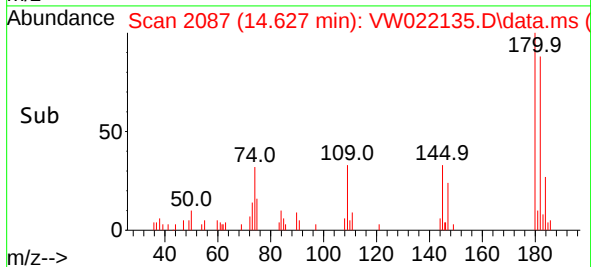
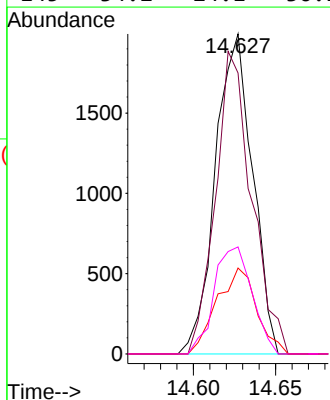
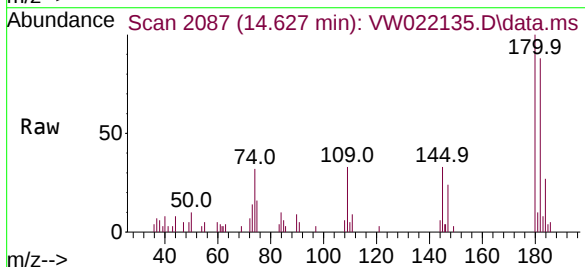
Ion Ratio Lower Upper

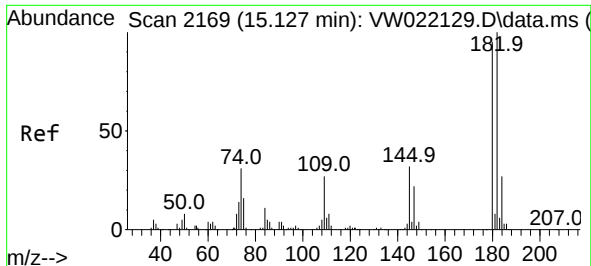
180 100

182 92.1 69.4 104.0

184 28.7 21.8 32.8

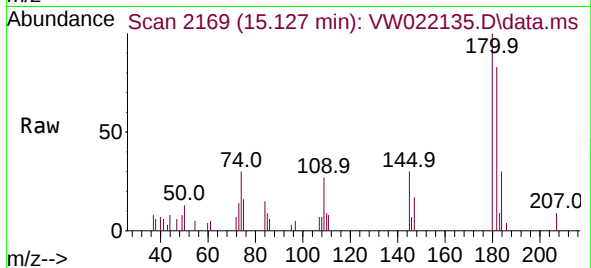
145 34.2 24.1 36.1



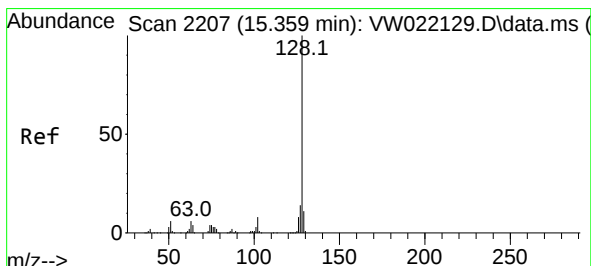
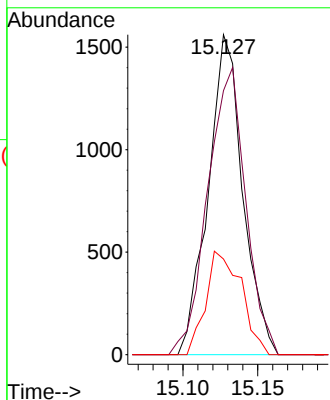
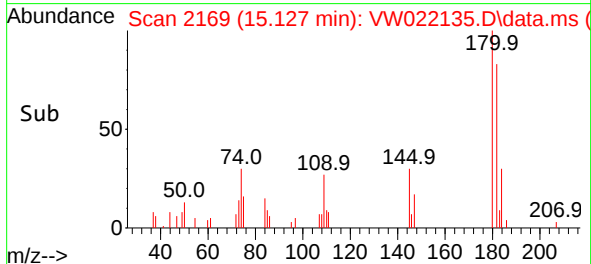


#70  
1,2,4-trichlorobenzene  
Concen: 1.141 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Instrument :  
MSVOA\_W  
ClientSampleId :

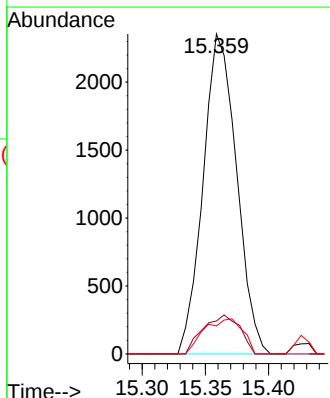
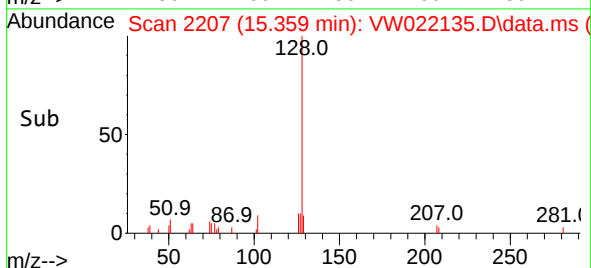
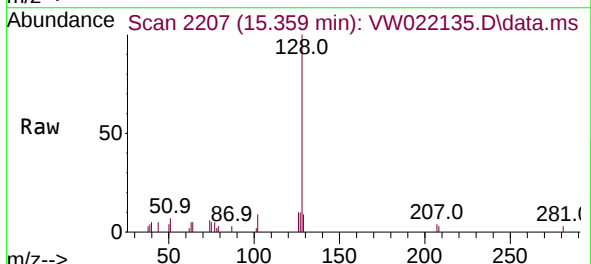


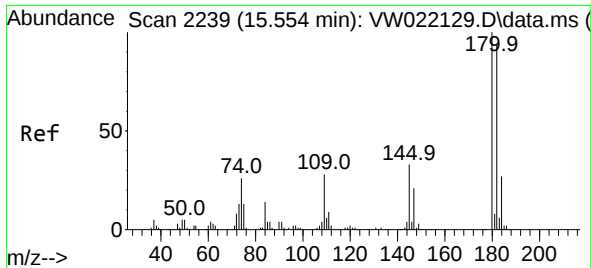
Tgt Ion:180 Resp: 2514  
Ion Ratio Lower Upper  
180 100  
182 98.3 77.8 116.6  
145 33.1 25.8 38.6



#71  
Naphthalene  
Concen: 1.112 ug/L  
RT: 15.359 min Scan# 2207  
Delta R.T. -0.000 min  
Lab File: VW022135.D  
Acq: 24 Feb 2022 13:45

Tgt Ion:128 Resp: 4327  
Ion Ratio Lower Upper  
128 100  
127 13.4 11.0 16.6  
129 12.7 8.9 13.3





#72

1,2,3-Trichlorobenzene

Concen: 1.122 ug/L

RT: 15.548 min Scan# 21

Delta R.T. -0.006 min

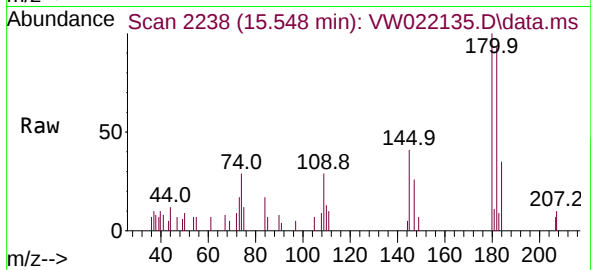
Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion:180 Resp: 2138

Ion Ratio Lower Upper

180 100

182 94.2 79.0 118.4

145 34.8 28.0 42.0

