

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081622\  
 Data File : VW024251.D  
 Acq On : 16 Aug 2022 13:34  
 Operator : SY/VA  
 Sample : N4181-06  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 X3C31

Quant Time: Aug 17 01:02:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM080422SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Aug 17 01:00:38 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.835  | 114   | 274992   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 267131   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 151660   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 93496    | 16.266   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.080%  |
| 7) Chloroethane-d5            | 2.867  | 69    | 66085    | 18.456   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 73.840%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 130596   | 19.936   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 79.760%  |
| 21) 2-Butanone-d5             | 7.073  | 46    | 56651    | 52.975   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 105.960% |
| 24) Chloroform-d              | 7.640  | 84    | 171120   | 20.566   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 82.280%  |
| 26) 1,2-Dichloroethane-d4     | 8.299  | 65    | 99839    | 21.612   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 86.440%  |
| 32) Benzene-d6                | 8.268  | 84    | 313390   | 19.892   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 79.560%  |
| 36) 1,2-Dichloropropane-d6    | 9.268  | 67    | 96301    | 20.703   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 82.800%  |
| 41) Toluene-d8                | 10.323 | 98    | 275477   | 18.708   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 74.840%  |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 41823    | 20.528   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 82.120%  |
| 47) 2-Hexanone-d5             | 10.920 | 63    | 44581    | 51.889   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 103.780% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 104213   | 23.092   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 92.360%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 112893   | 20.342   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 81.360%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 2.208  | 50    | 87768    | 19.343   | ug/L   | 99       |
| 6) Bromomethane               | 2.757  | 94    | 35310    | 9.750    | ug/L   | 95       |
| 9) Trichlorofluoromethane     | 3.239  | 101   | 39295    | 13.124   | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 4.025  | 96    | 74105    | 22.416   | ug/L   | 97       |
| 13) Acetone                   | 4.123  | 43    | 40928    | 51.983   | ug/L   | 67       |
| 15) Methyl Acetate            | 4.665  | 43    | 70476    | 39.741   | ug/L   | 95       |
| 16) Methylene chloride        | 4.903  | 84    | 57570    | 11.872   | ug/L   | 93       |
| 17) trans-1,2-Dichloroethene  | 5.415  | 96    | 42386    | 11.102   | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 5.421  | 73    | 201017   | 36.924   | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 114226   | 27.243   | ug/L # | 95       |
| 23) Bromochloromethane        | 7.512  | 128   | 31979    | 15.315   | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 8.396  | 62    | 54928    | 11.015   | ug/L   | 98       |
| 29) Cyclohexane               | 7.945  | 56    | 58064    | 10.602   | ug/L   | 97       |
| 30) 1,1,1-Trichloroethane     | 7.866  | 97    | 65220    | 10.826   | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.061  | 117   | 74561    | 13.119   | ug/L   | 100      |
| 34) Trichloroethene           | 9.085  | 95    | 180260   | 43.226   | ug/L   | 95       |
| 35) Methylcyclohexane         | 9.329  | 83    | 189894   | 29.038   | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 9.366  | 63    | 53022    | 13.595   | ug/L   | 99       |
| 38) Bromodichloromethane      | 9.640  | 83    | 116540   | 21.305   | ug/L   | 99       |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 X3C31

Quant Time: Aug 17 01:02:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM080422SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Aug 17 01:00:38 2022  
 Response via : Initial Calibration

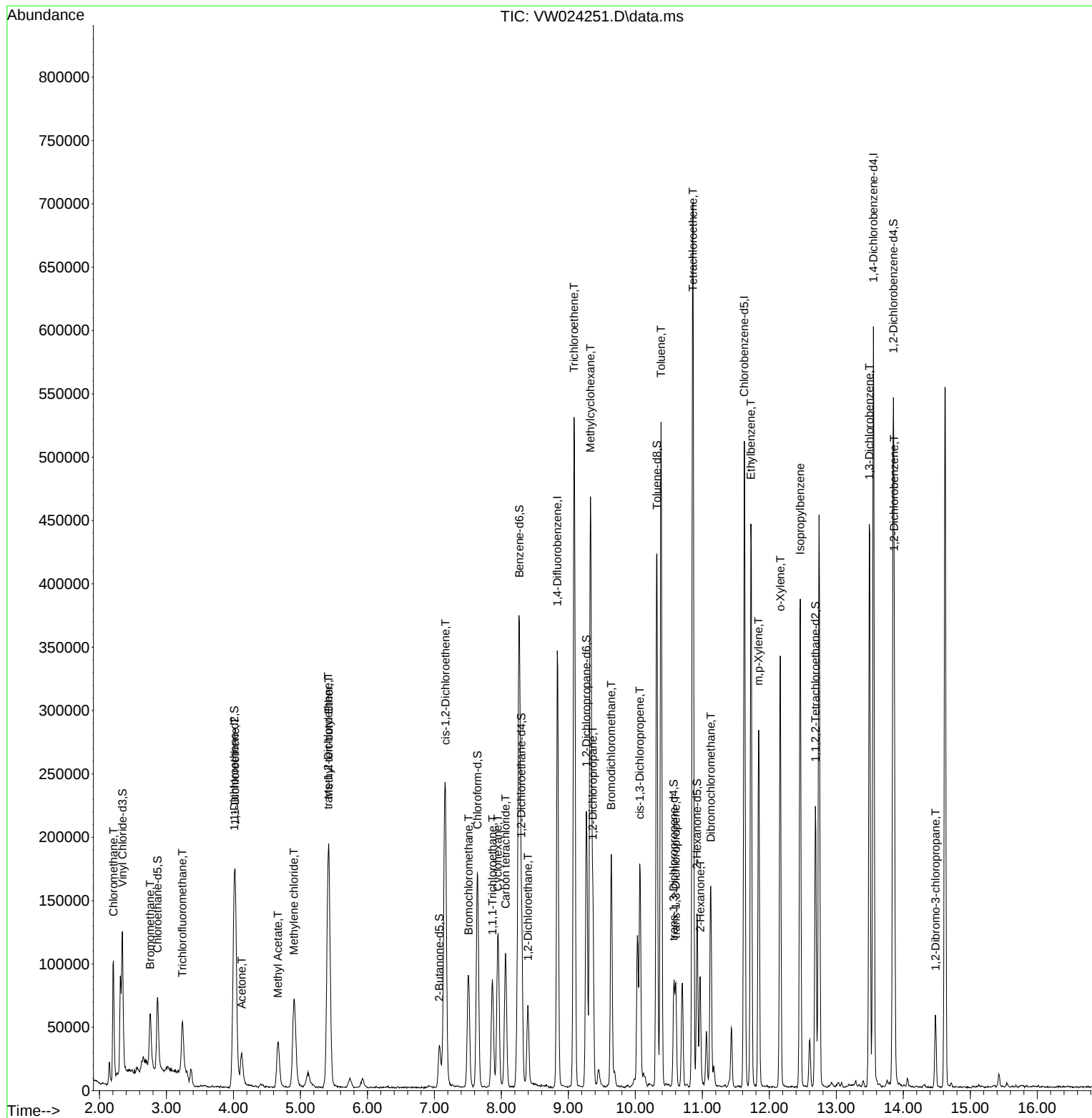
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| 39) cis-1,3-Dichloropropene   | 10.067 | 75   | 99468    | 17.336 | ug/L  | 98       |
| 42) Toluene                   | 10.384 | 91   | 376460   | 22.454 | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 41957    | 8.003  | ug/L  | 94       |
| 46) Tetrachloroethene         | 10.859 | 164  | 149459   | 44.270 | ug/L  | 98       |
| 48) 2-Hexanone                | 10.969 | 43   | 51918    | 29.556 | ug/L  | 96       |
| 49) Dibromochloromethane      | 11.128 | 129  | 81702    | 20.645 | ug/L  | 93       |
| 52) Ethylbenzene              | 11.725 | 91   | 302748   | 16.482 | ug/L  | 100      |
| 53) m,p-Xylene                | 11.841 | 106  | 77306    | 10.812 | ug/L  | 90       |
| 54) o-Xylene                  | 12.164 | 106  | 86695    | 12.834 | ug/L  | 99       |
| 60) Isopropylbenzene          | 12.463 | 105  | 235610   | 12.833 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.493 | 146  | 179254   | 19.939 | ug/L  | 92       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 89506    | 10.484 | ug/L  | 94       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 12828    | 18.191 | ug/L  | 90       |
| -----                         |        |      |          |        |       |          |

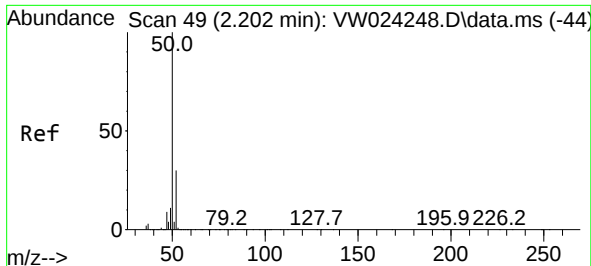
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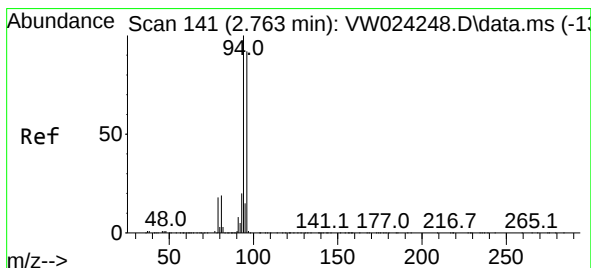
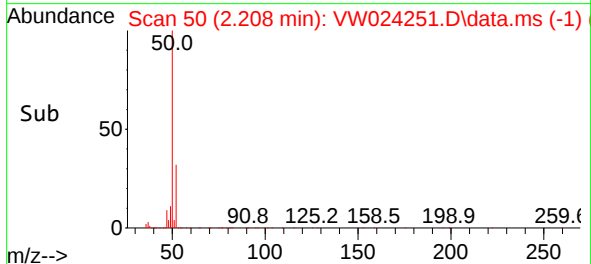
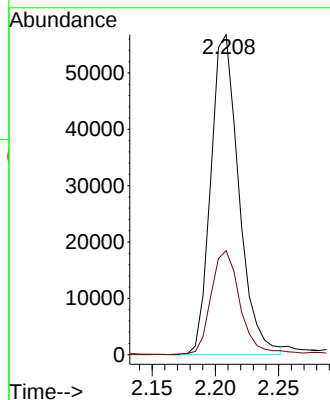
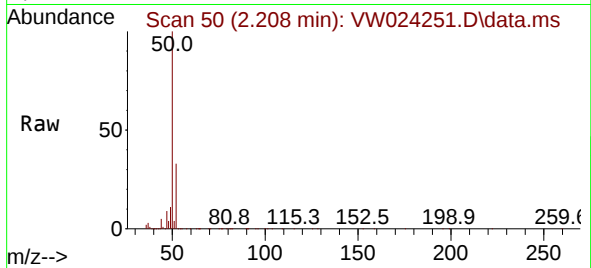




#3  
Chloromethane  
Concen: 19.343 ug/L  
RT: 2.208 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

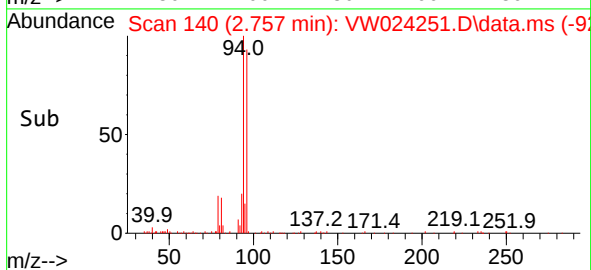
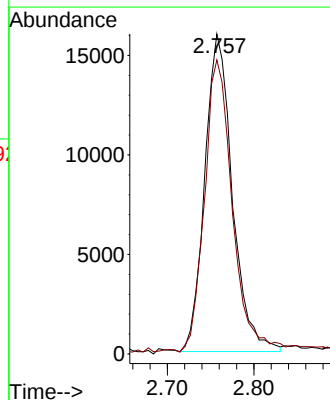
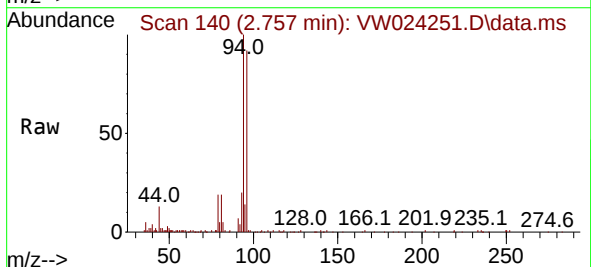
Instrument :  
MSVOA\_W  
ClientSampleId :  
X3C31

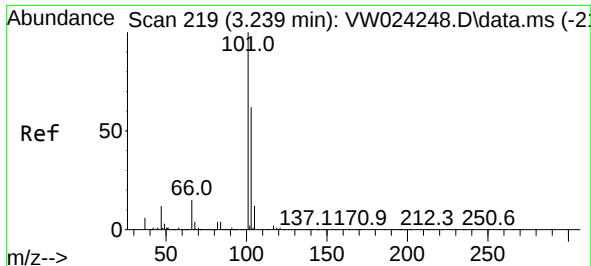
Tgt Ion: 50 Resp: 87768  
Ion Ratio Lower Upper  
50 100  
52 32.5 23.2 43.2



#6  
Bromomethane  
Concen: 9.750 ug/L  
RT: 2.757 min Scan# 140  
Delta R.T. -0.006 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

Tgt Ion: 94 Resp: 35310  
Ion Ratio Lower Upper  
94 100  
96 91.9 61.0 113.4

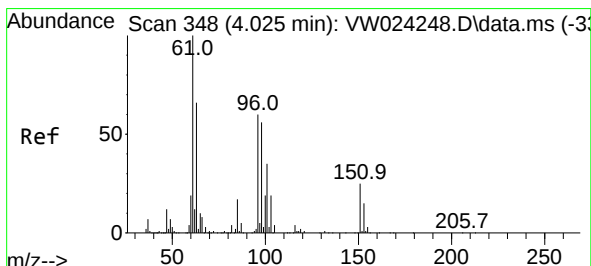
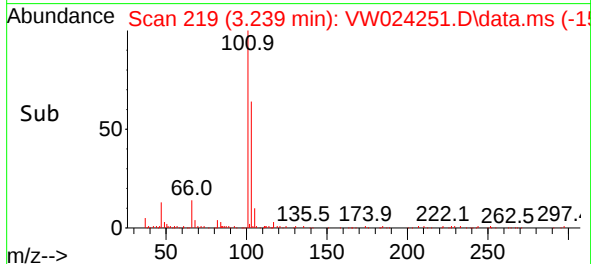
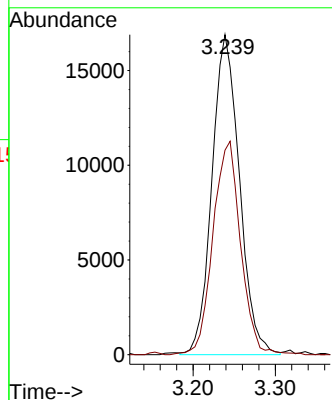
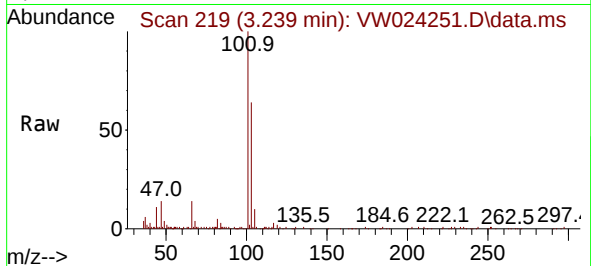




#9  
 Trichlorofluoromethane  
 Concen: 13.124 ug/L  
 RT: 3.239 min Scan# 219  
 Delta R.T. 0.000 min  
 Lab File: VW024251.D  
 Acq: 16 Aug 2022 13:34

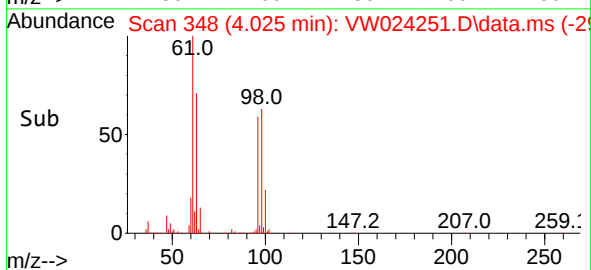
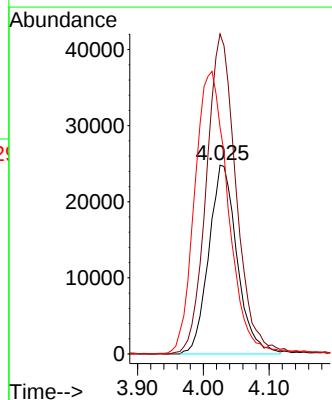
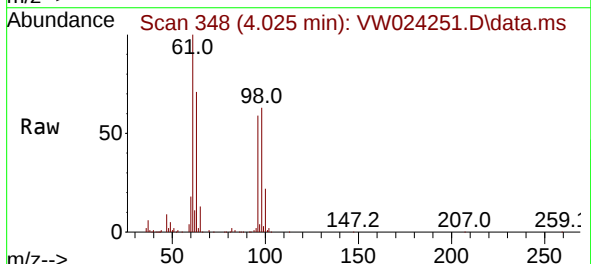
Instrument :  
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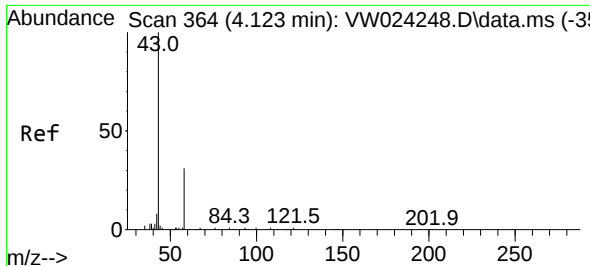
Tgt Ion:101 Resp: 39295  
 Ion Ratio Lower Upper  
 101 100  
 103 66.2 50.5 75.7



#12  
 1,1-Dichloroethene  
 Concen: 22.416 ug/L  
 RT: 4.025 min Scan# 348  
 Delta R.T. 0.000 min  
 Lab File: VW024251.D  
 Acq: 16 Aug 2022 13:34

Tgt Ion: 96 Resp: 74105  
 Ion Ratio Lower Upper  
 96 100  
 61 169.5 123.1 228.5  
 63 120.1 84.9 157.7





#13

Acetone

Concen: 51.983 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW024251.D

Acq: 16 Aug 2022 13:34

Instrument :

MSVOA\_W

ClientSampleId :

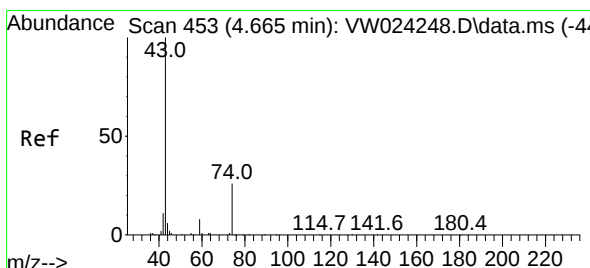
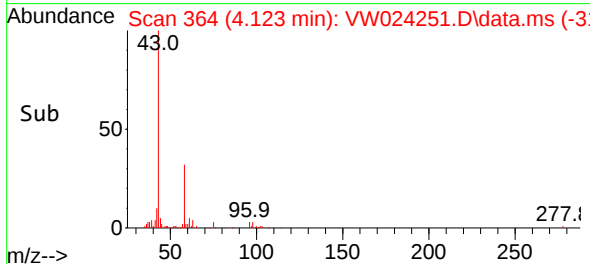
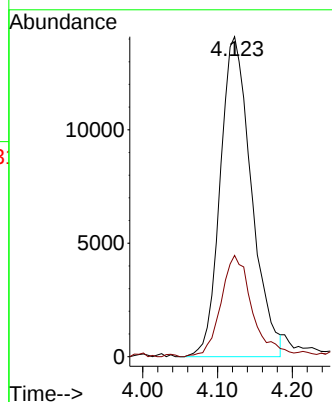
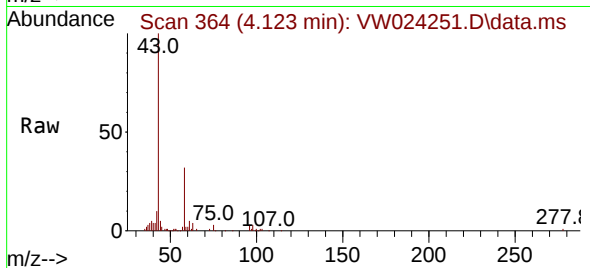
X3C31

Tgt Ion: 43 Resp: 40928

Ion Ratio Lower Upper

43 100

58 29.7 0.0 31.8



#15

Methyl Acetate

Concen: 39.741 ug/L

RT: 4.665 min Scan# 453

Delta R.T. 0.000 min

Lab File: VW024251.D

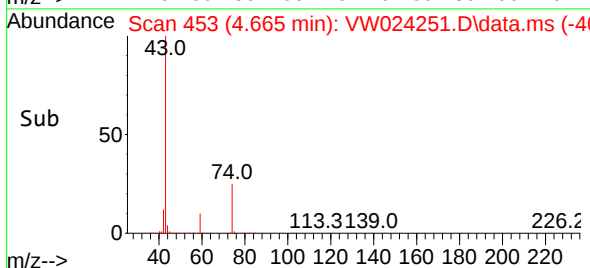
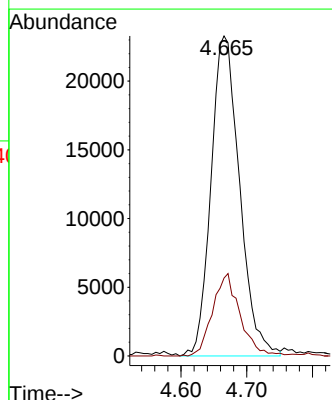
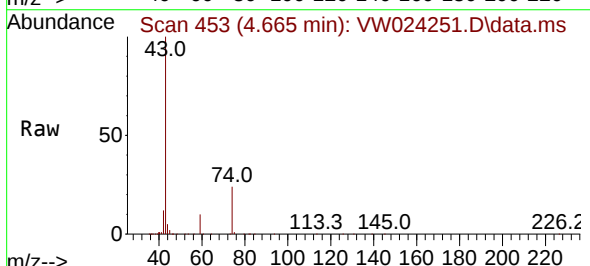
Acq: 16 Aug 2022 13:34

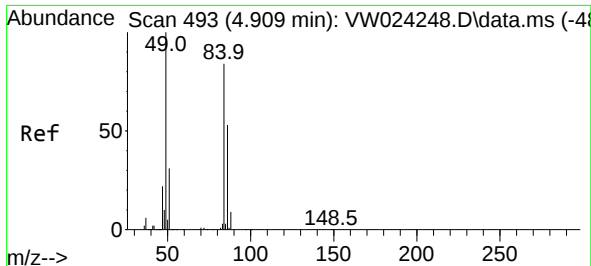
Tgt Ion: 43 Resp: 70476

Ion Ratio Lower Upper

43 100

74 24.2 21.5 32.3

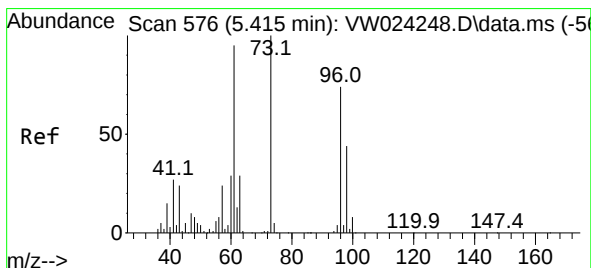
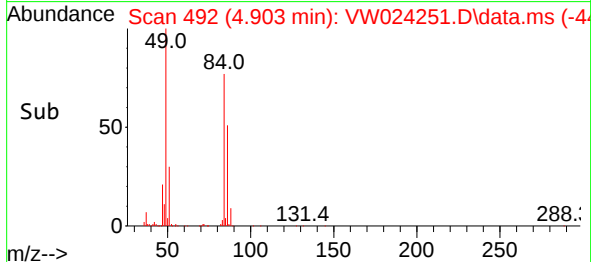
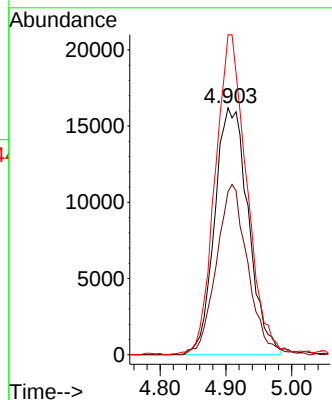
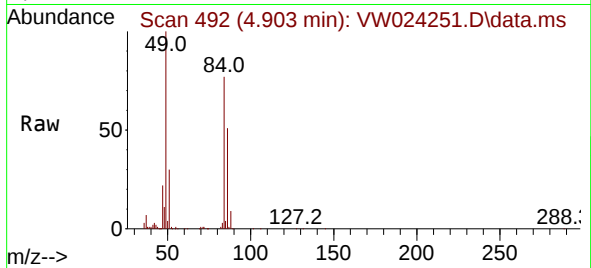




#16  
Methylene chloride  
Concen: 11.872 ug/L  
RT: 4.903 min Scan# 493  
Delta R.T. -0.006 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

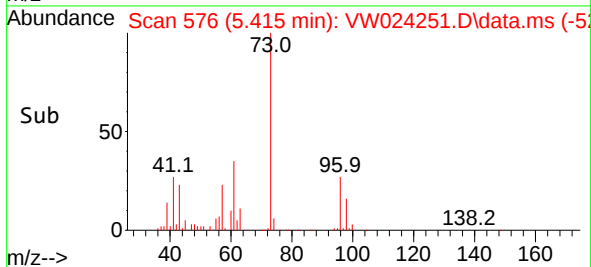
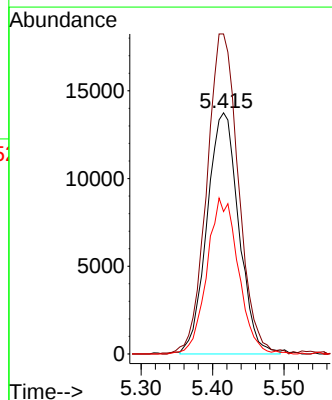
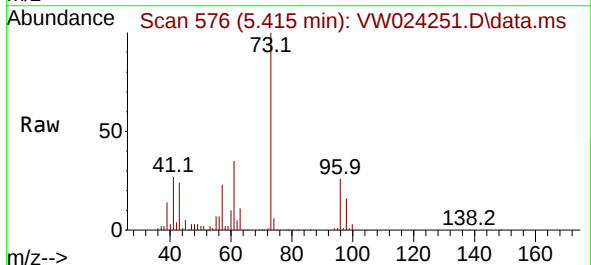
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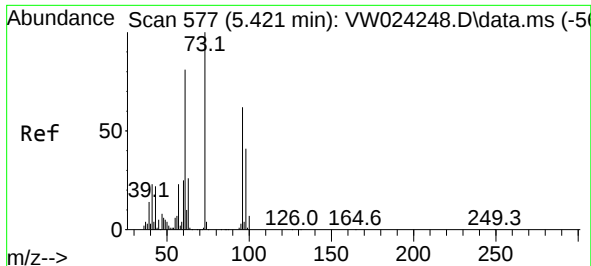
Tgt Ion: 84 Resp: 57570  
Ion Ratio Lower Upper  
84 100  
86 66.0 42.8 79.6  
49 129.7 85.3 158.3



#17  
trans-1,2-Dichloroethene  
Concen: 11.102 ug/L  
RT: 5.415 min Scan# 576  
Delta R.T. 0.000 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

Tgt Ion: 96 Resp: 42386  
Ion Ratio Lower Upper  
96 100  
61 132.7 93.0 172.8  
98 59.1 48.5 90.1

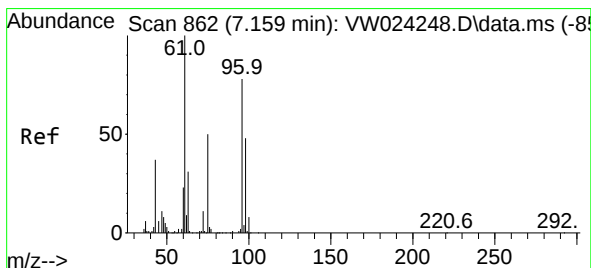
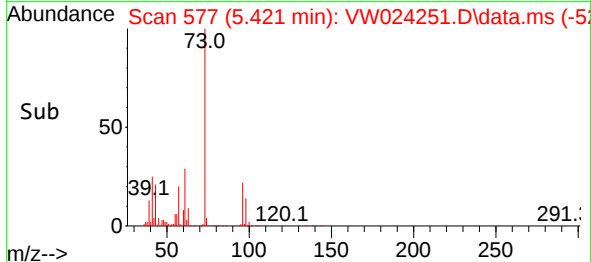
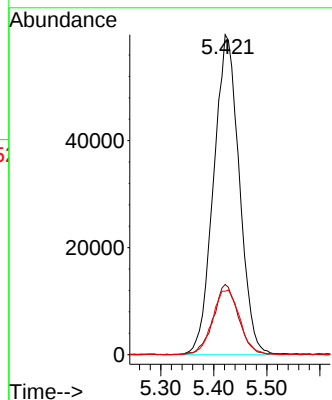
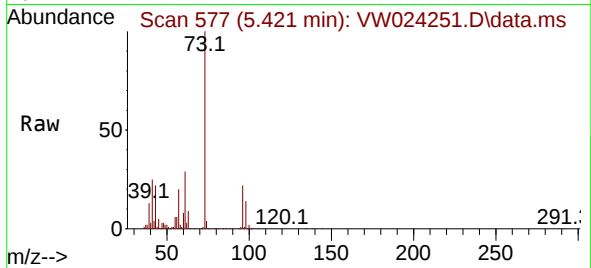




#18  
Methyl tert-butyl Ether  
Concen: 36.924 ug/L  
RT: 5.421 min Scan# 577  
Delta R.T. 0.000 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

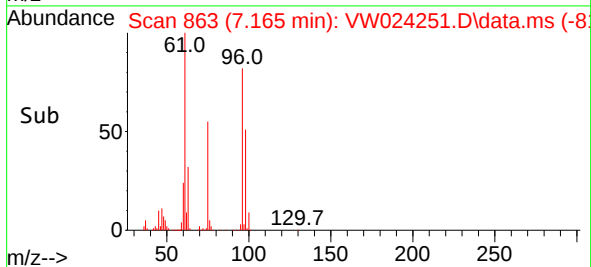
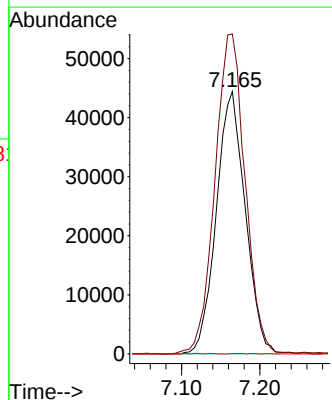
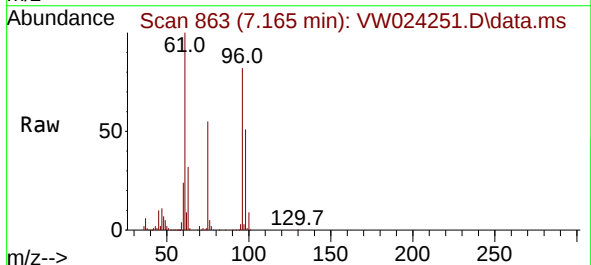
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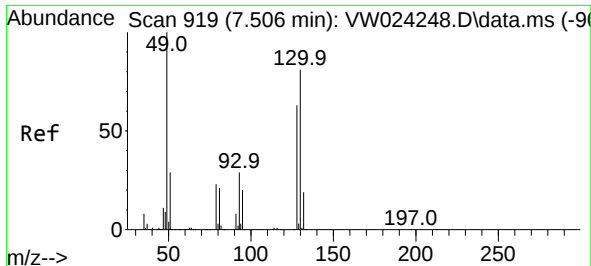
Tgt Ion: 73 Resp: 201017  
Ion Ratio Lower Upper  
73 100  
43 21.6 16.6 24.8  
57 21.0 17.6 26.4



#20  
cis-1,2-Dichloroethene  
Concen: 27.243 ug/L  
RT: 7.165 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

Tgt Ion: 96 Resp: 114226  
Ion Ratio Lower Upper  
96 100  
61 122.0 89.5 166.3  
68 0.2 0.1 0.1#

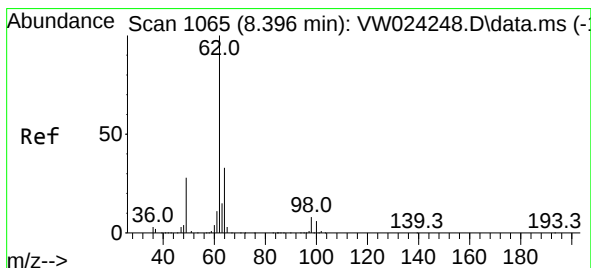
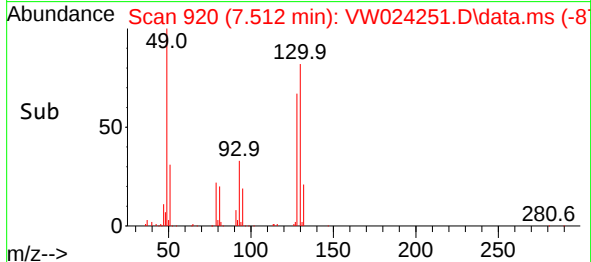
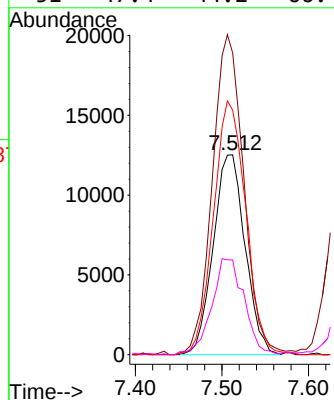
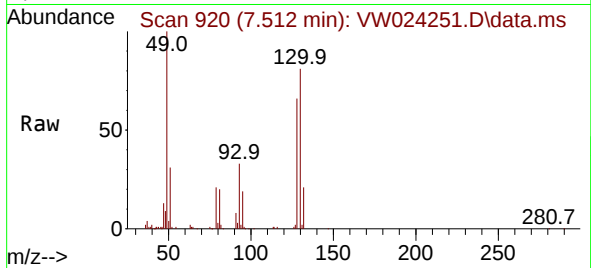




#23  
Bromochloromethane  
Concen: 15.315 ug/L  
RT: 7.512 min Scan# 919  
Delta R.T. 0.006 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

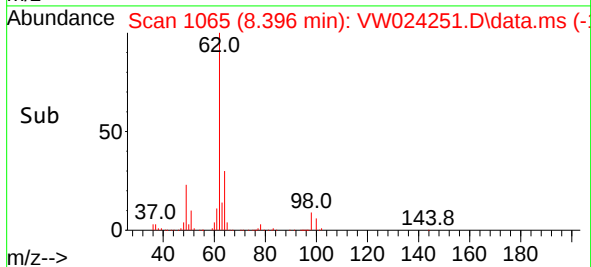
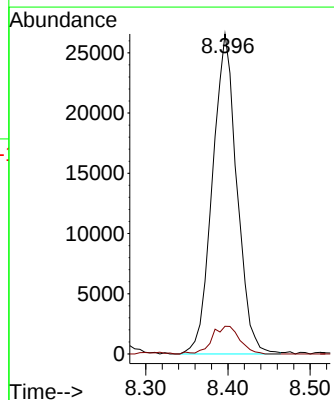
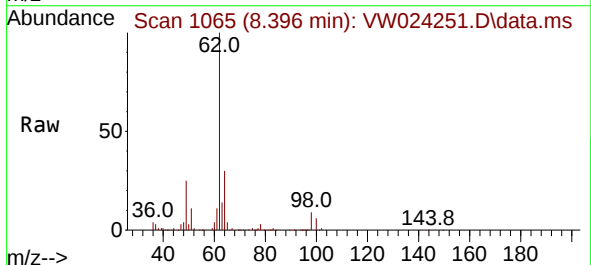
Instrument :  
MSVOA\_W  
ClientSampleId :  
X3C31

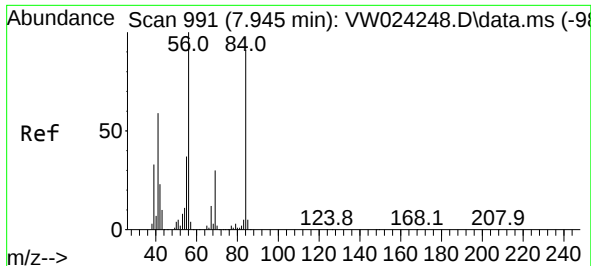
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 31979 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 151.0 | 106.6 | 198.0 |
| 130      | 122.4 | 88.1  | 163.5 |
| 51       | 47.4  | 44.2  | 66.4  |



#27  
1,2-Dichloroethane  
Concen: 11.015 ug/L  
RT: 8.396 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 54928 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.6   | 7.4   | 11.0  |





#29

Cyclohexane

Concen: 10.602 ug/L

RT: 7.945 min Scan# 991

Delta R.T. 0.000 min

Lab File: VW024251.D

Acq: 16 Aug 2022 13:34

Instrument :

MSVOA\_W

ClientSampleId :

X3C31

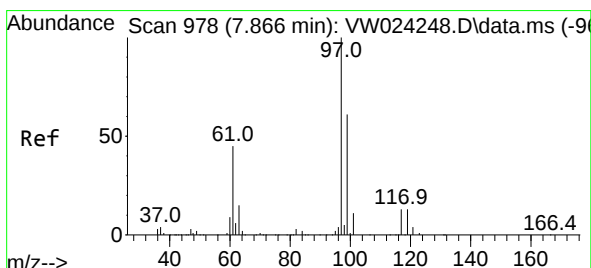
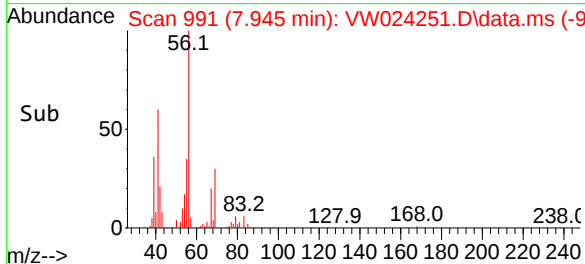
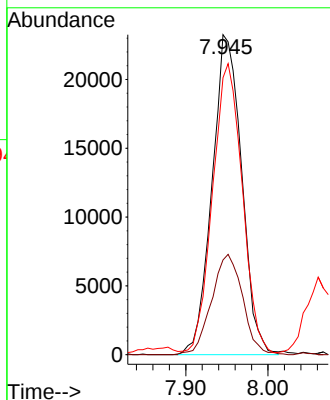
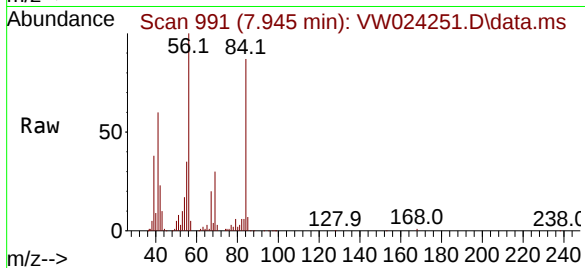
Tgt Ion: 56 Resp: 58064

Ion Ratio Lower Upper

56 100

69 32.9 24.5 36.7

84 92.1 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 10.826 ug/L

RT: 7.866 min Scan# 978

Delta R.T. 0.000 min

Lab File: VW024251.D

Acq: 16 Aug 2022 13:34

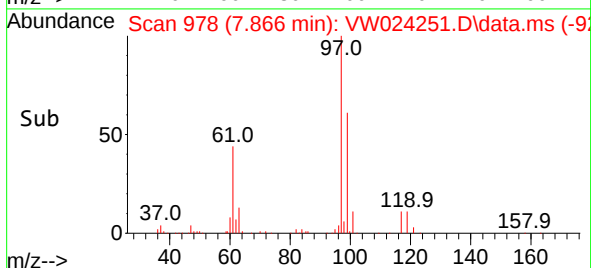
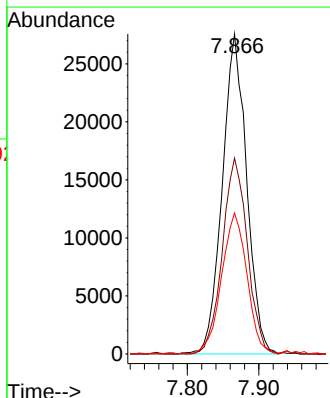
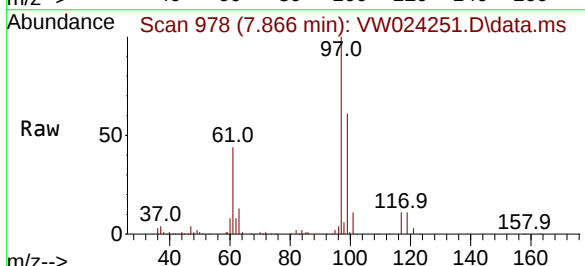
Tgt Ion: 97 Resp: 65220

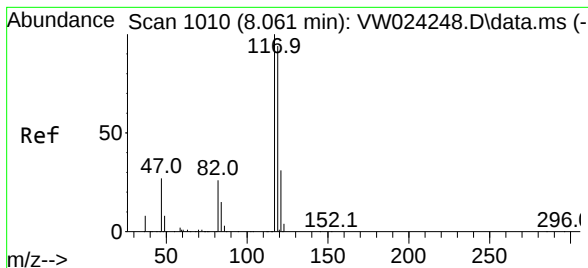
Ion Ratio Lower Upper

97 100

99 62.7 51.0 76.6

61 45.9 36.2 54.2

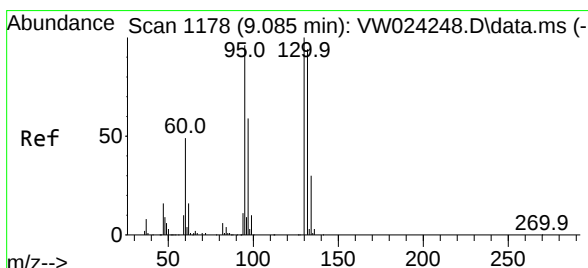
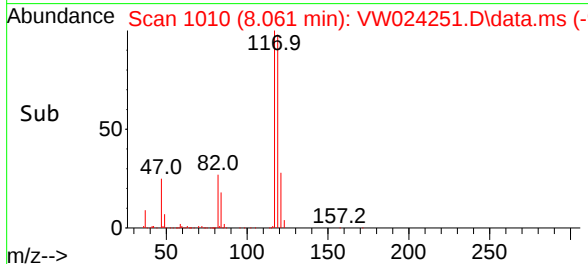
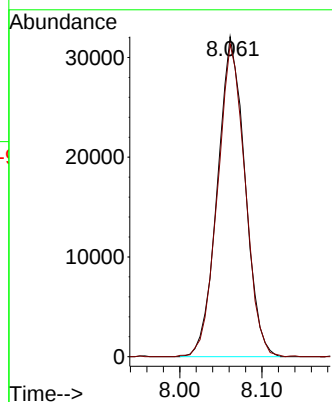
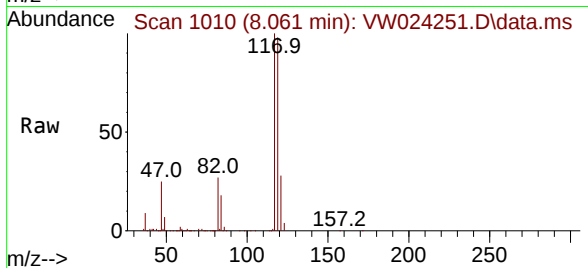




#31  
Carbon tetrachloride  
Concen: 13.119 ug/L  
RT: 8.061 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

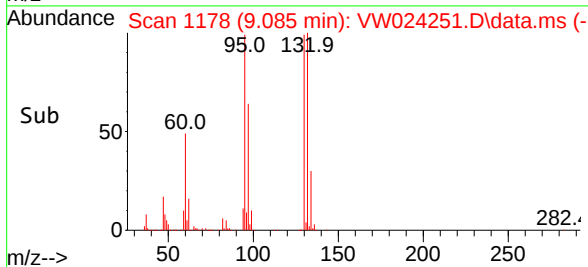
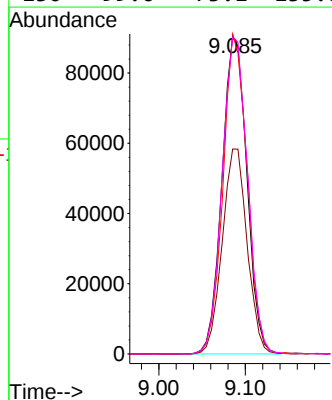
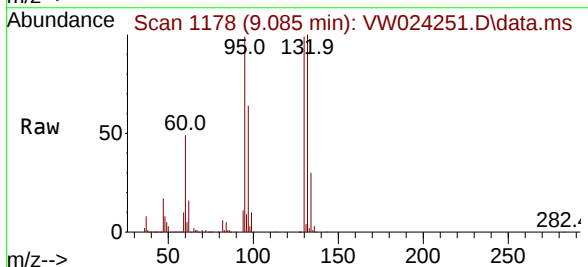
Instrument :  
MSVOA\_W  
ClientSampleId :  
X3C31

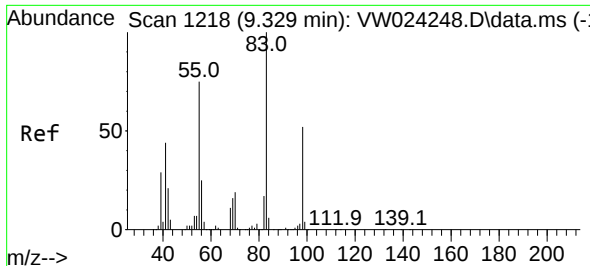
Tgt Ion: 117 Resp: 74561  
Ion Ratio Lower Upper  
117 100  
119 97.5 77.8 116.8



#34  
Trichloroethene  
Concen: 43.226 ug/L  
RT: 9.085 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

Tgt Ion: 95 Resp: 180260  
Ion Ratio Lower Upper  
95 100  
97 64.5 41.6 77.2  
132 100.7 67.0 124.4  
130 99.6 73.1 135.8

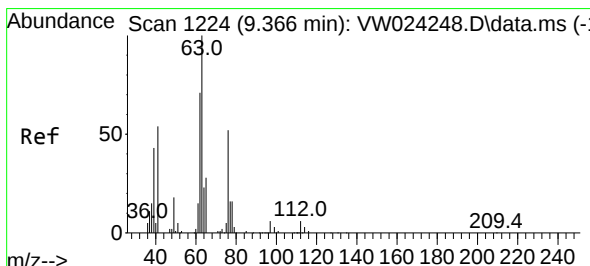
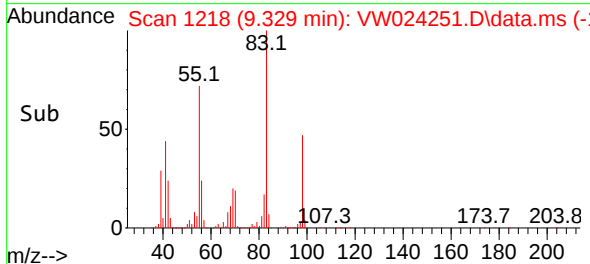
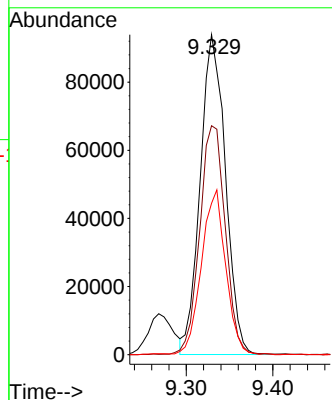
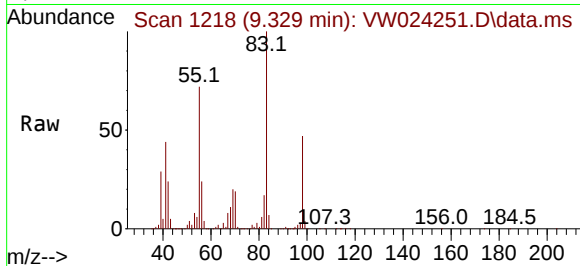




#35  
Methylcyclohexane  
Concen: 29.038 ug/L  
RT: 9.329 min Scan# 1218  
Delta R.T. 0.000 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

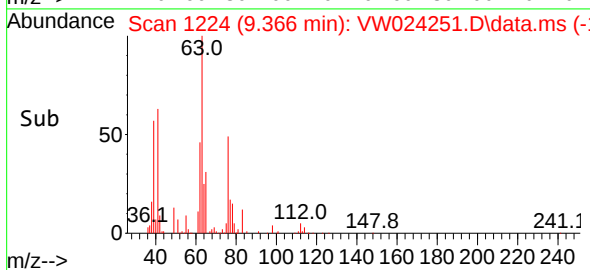
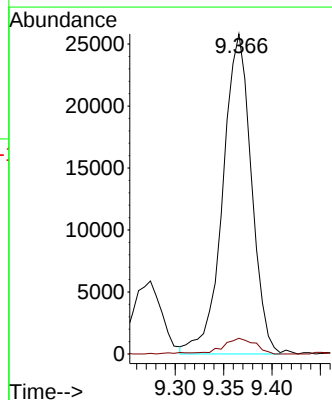
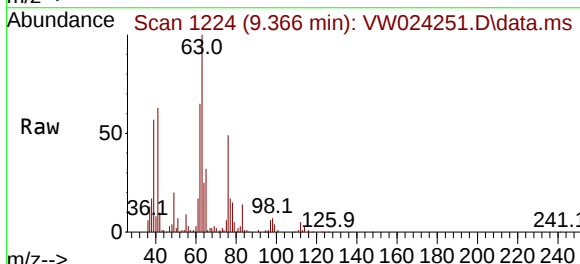
Instrument :  
MSVOA\_W  
ClientSampleId :  
X3C31

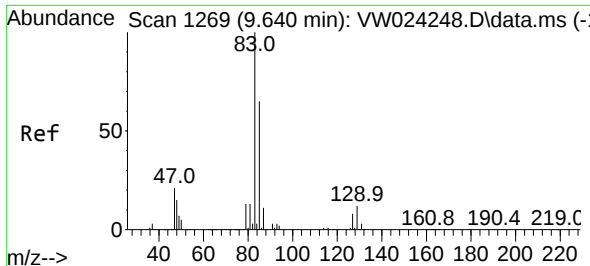
Tgt Ion: 83 Resp: 189894  
Ion Ratio Lower Upper  
83 100  
55 72.3 59.1 88.7  
98 49.6 40.8 61.2



#37  
1,2-Dichloropropane  
Concen: 13.595 ug/L  
RT: 9.366 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

Tgt Ion: 63 Resp: 53022  
Ion Ratio Lower Upper  
63 100  
112 5.2 3.8 5.6

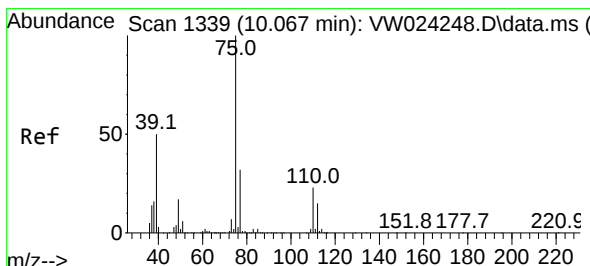
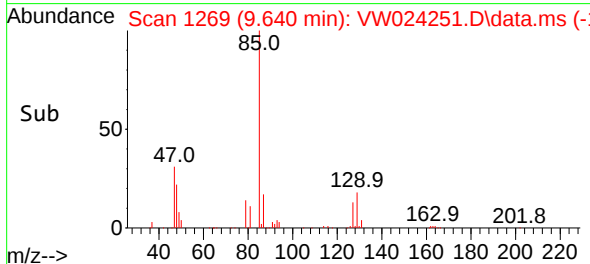
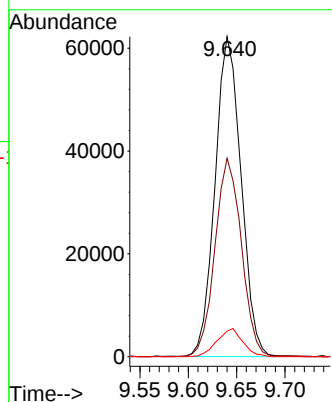
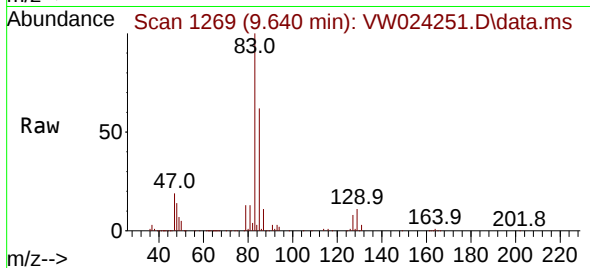




#38  
Bromodichloromethane  
Concen: 21.305 ug/L  
RT: 9.640 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

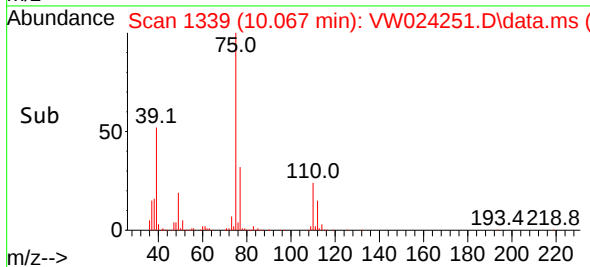
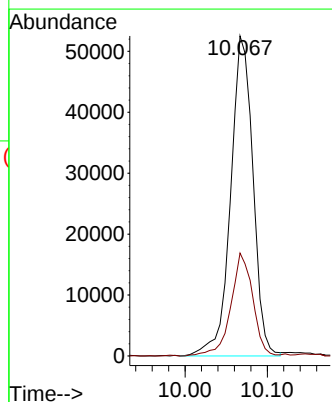
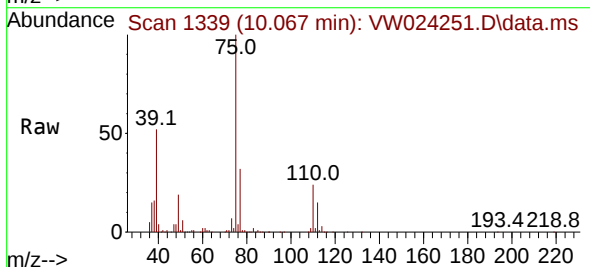
Instrument :  
MSVOA\_W  
ClientSampleId :  
X3C31

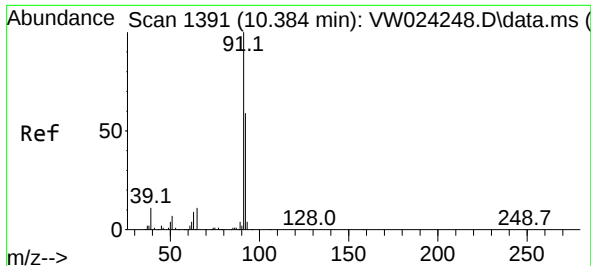
Tgt Ion: 83 Resp: 116540  
Ion Ratio Lower Upper  
83 100  
85 62.0 43.7 81.1  
127 8.0 6.9 10.3



#39  
cis-1,3-Dichloropropene  
Concen: 17.336 ug/L  
RT: 10.067 min Scan# 1339  
Delta R.T. 0.000 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

Tgt Ion: 75 Resp: 99468  
Ion Ratio Lower Upper  
75 100  
77 32.2 23.4 43.6

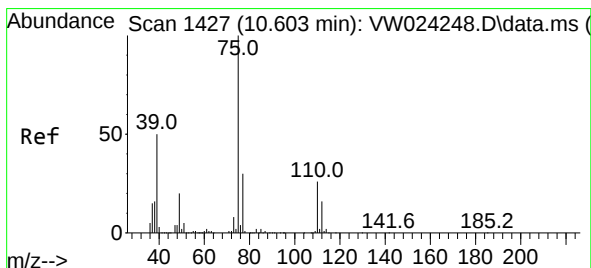
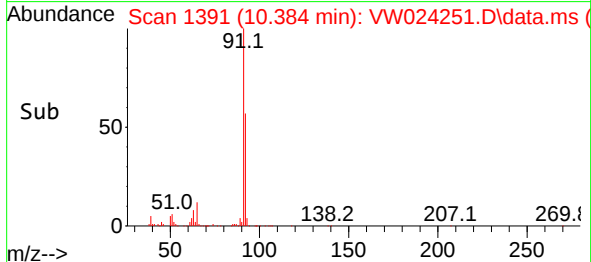
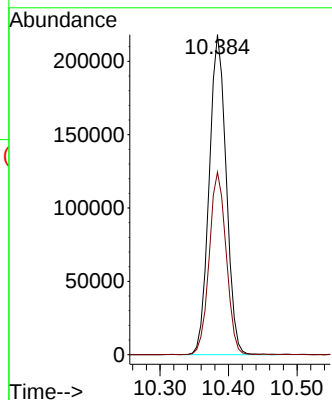
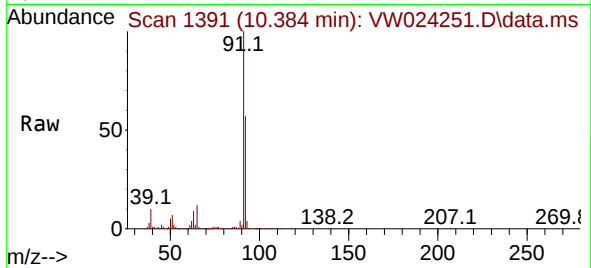




#42  
Toluene  
Concen: 22.454 ug/L  
RT: 10.384 min Scan# 1391  
Delta R.T. 0.000 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

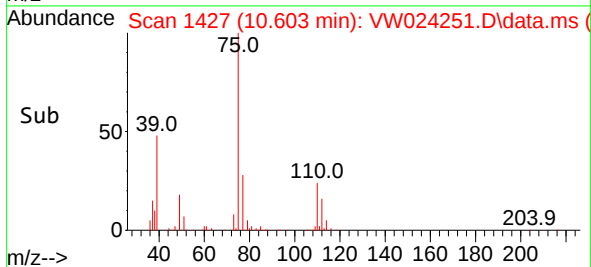
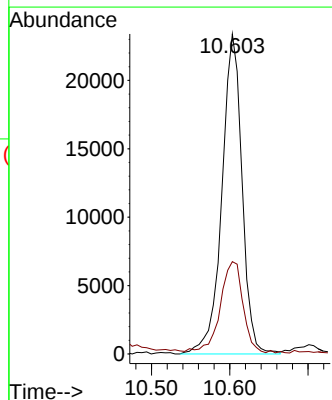
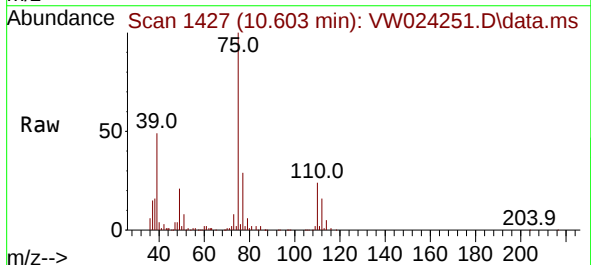
Instrument :  
MSVOA\_W  
ClientSampleId :  
X3C31

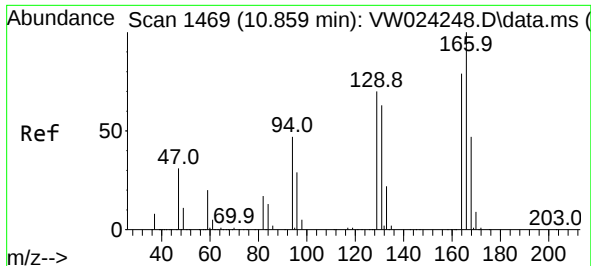
Tgt Ion: 91 Resp: 376460  
Ion Ratio Lower Upper  
91 100  
92 57.0 41.4 77.0



#44  
trans-1,3-Dichloropropene  
Concen: 8.003 ug/L  
RT: 10.603 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

Tgt Ion: 75 Resp: 41957  
Ion Ratio Lower Upper  
75 100  
77 28.9 22.4 41.6

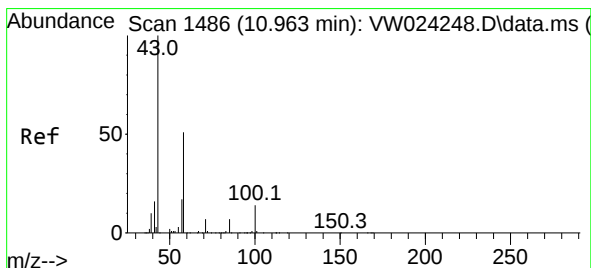
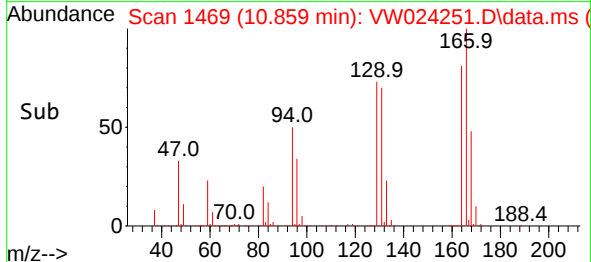
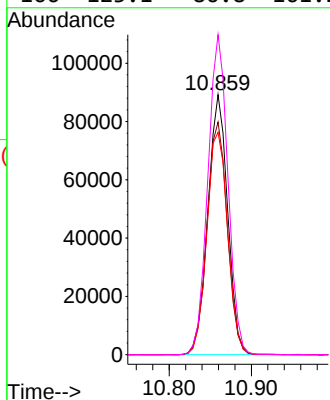
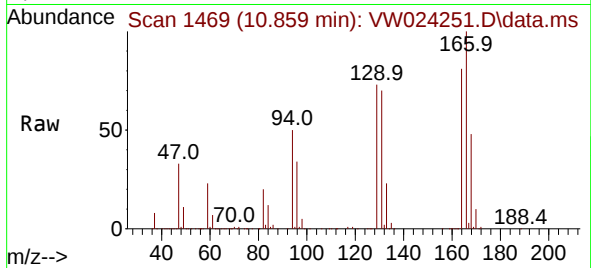




#46  
Tetrachloroethene  
Concen: 44.270 ug/L  
RT: 10.859 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

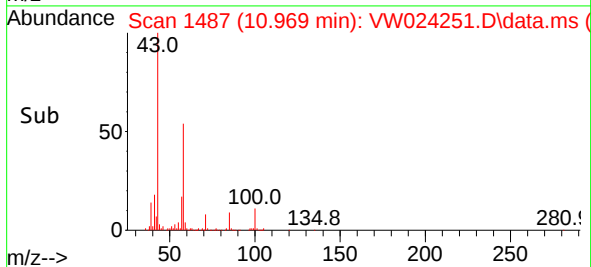
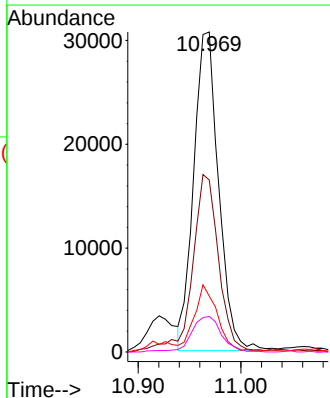
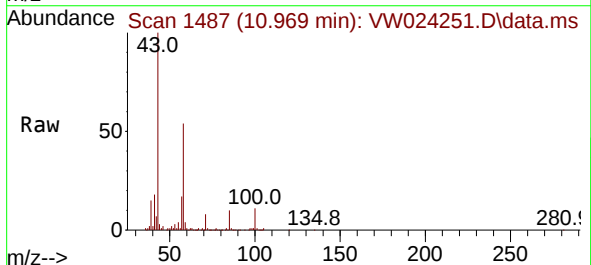
Instrument :  
MSVOA\_W  
ClientSampleId :  
X3C31

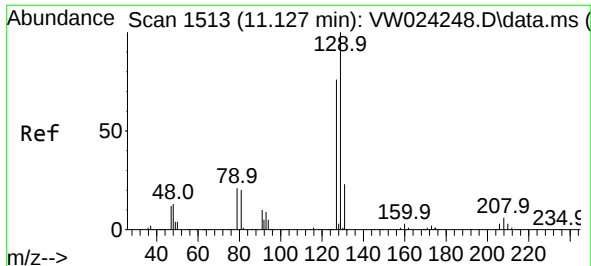
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 149459 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 89.5  | 63.1  | 117.3  |
| 131      | 85.5  | 63.9  | 118.7  |
| 166      | 123.1 | 86.8  | 161.2  |



#48  
2-Hexanone  
Concen: 29.556 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.006 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 51918 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 58.2  | 43.4  | 65.0  |
| 57       | 19.4  | 15.0  | 22.4  |
| 100      | 13.3  | 10.8  | 16.2  |





#49

Dibromochloromethane

Concen: 20.645 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW024251.D

Acq: 16 Aug 2022 13:34

Instrument :

MSVOA\_W

ClientSampleId :

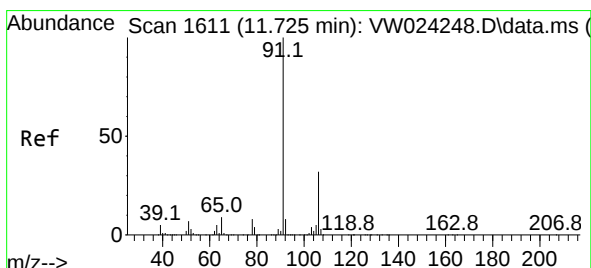
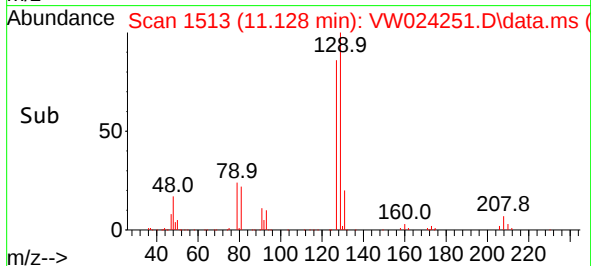
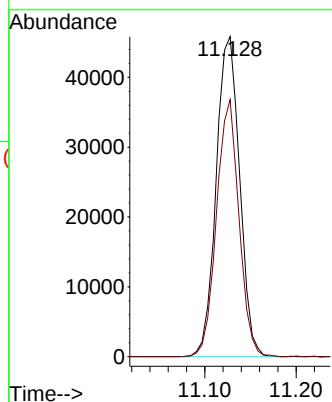
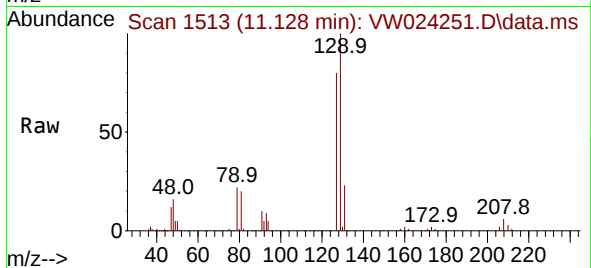
X3C31

Tgt Ion:129 Resp: 81702

Ion Ratio Lower Upper

129 100

127 80.3 52.3 97.1



#52

Ethylbenzene

Concen: 16.482 ug/L

RT: 11.725 min Scan# 1611

Delta R.T. 0.000 min

Lab File: VW024251.D

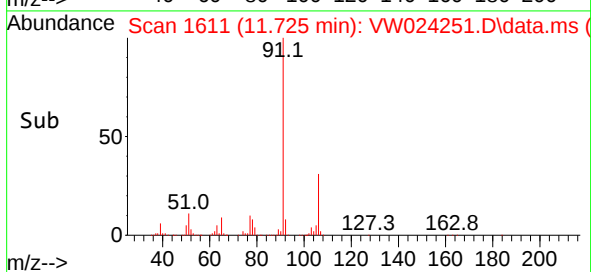
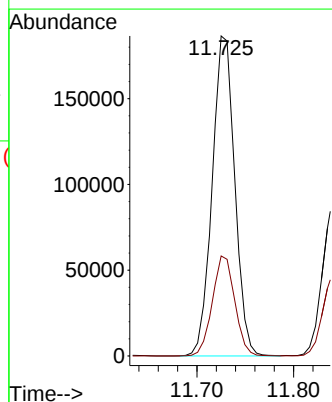
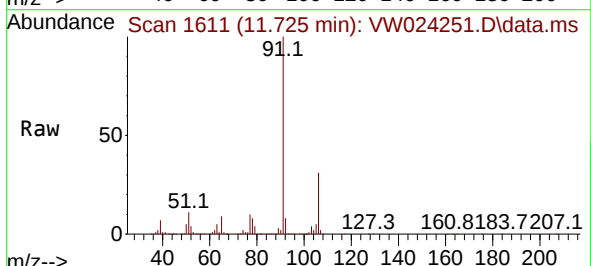
Acq: 16 Aug 2022 13:34

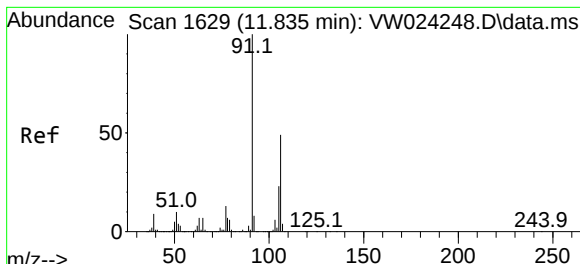
Tgt Ion: 91 Resp: 302748

Ion Ratio Lower Upper

91 100

106 31.3 21.9 40.7

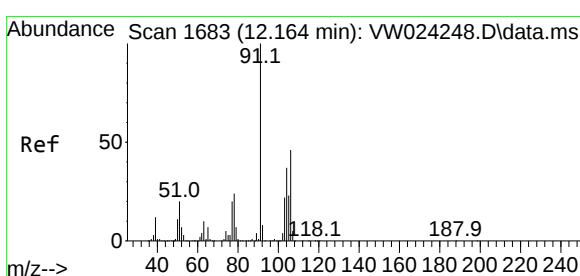
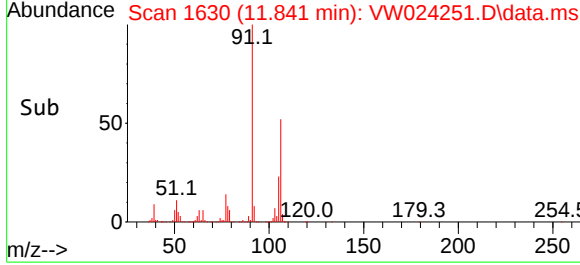
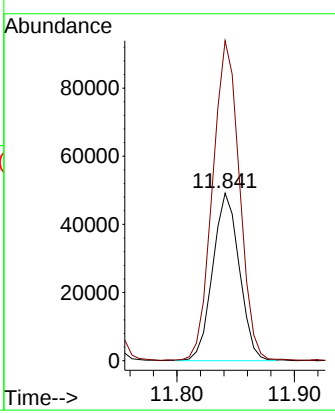
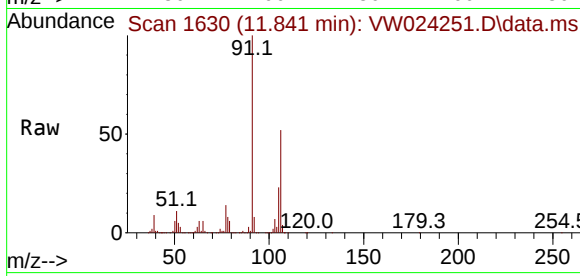




#53  
m,p-Xylene  
Concen: 10.812 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

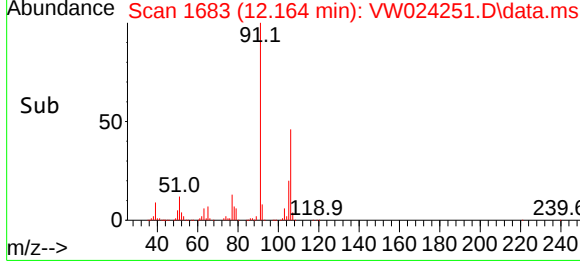
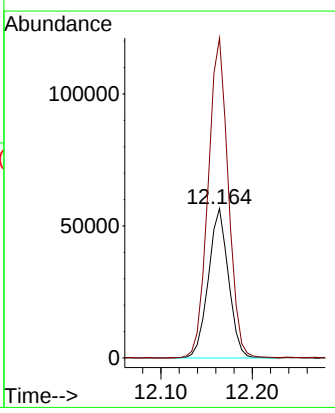
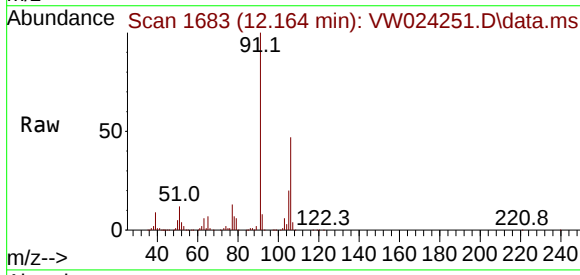
Instrument :  
MSVOA\_W  
ClientSampleId :  
X3C31

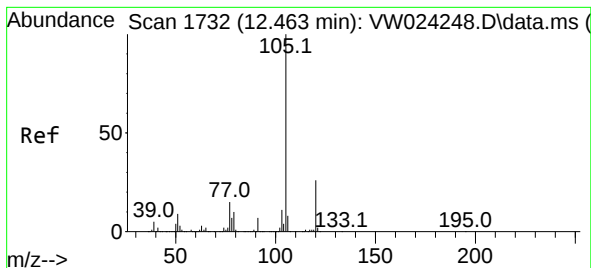
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 106   | Resp: | 77306 |
| Ion Ratio | Lower | Upper |       |
| 106       | 100   |       |       |
| 91        | 191.1 | 144.1 | 267.7 |



#54  
o-Xylene  
Concen: 12.834 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW024251.D  
Acq: 16 Aug 2022 13:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 106   | Resp: | 86695 |
| Ion Ratio | Lower | Upper |       |
| 106       | 100   |       |       |
| 91        | 214.1 | 150.9 | 280.3 |





#60

Isopropylbenzene

Concen: 12.833 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024251.D

Acq: 16 Aug 2022 13:34

Instrument :

MSVOA\_W

ClientSampleId :

X3C31

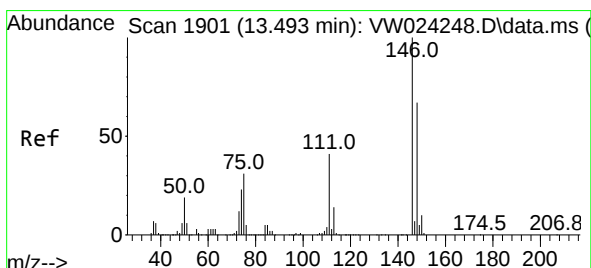
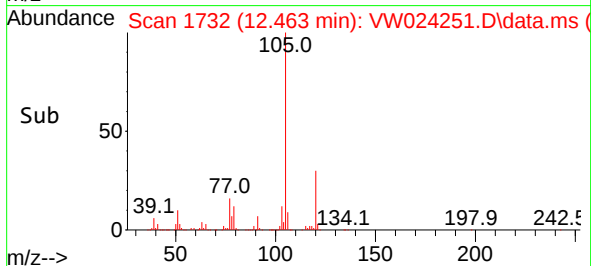
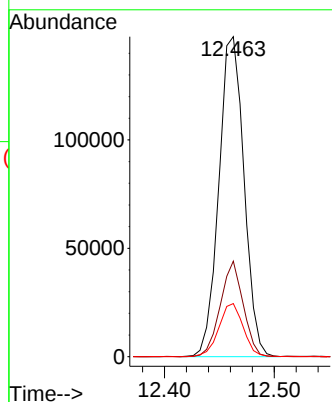
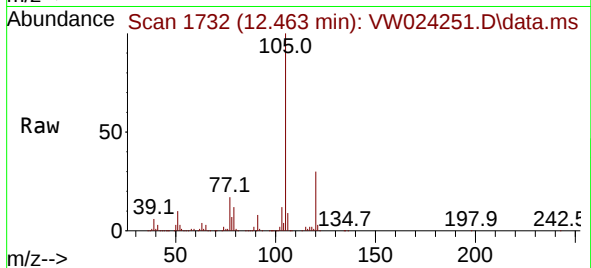
Tgt Ion:105 Resp: 235610

Ion Ratio Lower Upper

105 100

120 27.1 21.4 32.2

77 16.2 12.4 18.6



#64

1,3-Dichlorobenzene

Concen: 19.939 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024251.D

Acq: 16 Aug 2022 13:34

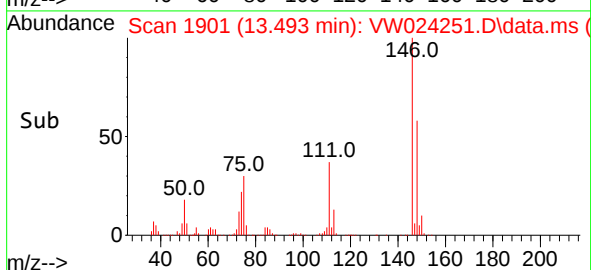
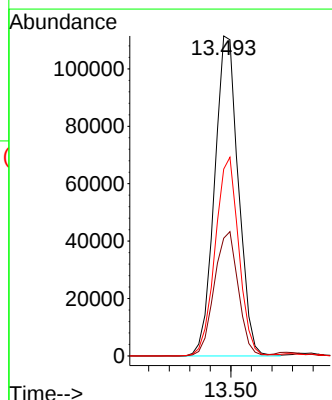
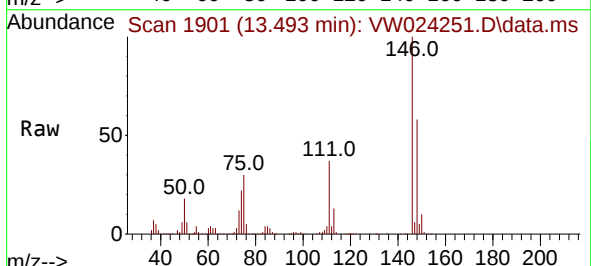
Tgt Ion:146 Resp: 179254

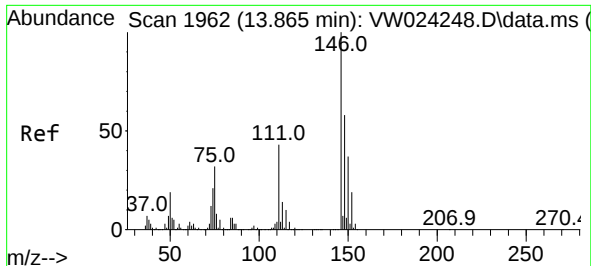
Ion Ratio Lower Upper

146 100

111 36.8 28.0 52.0

148 58.4 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 10.484 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024251.D

Acq: 16 Aug 2022 13:34

Instrument :

MSVOA\_W

ClientSampleId :

X3C31

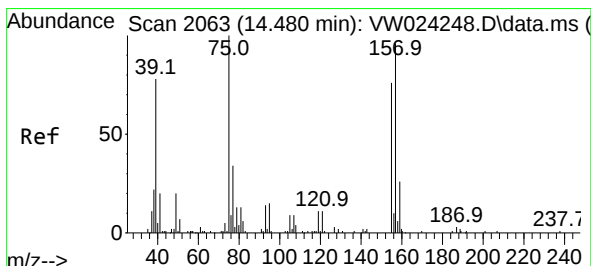
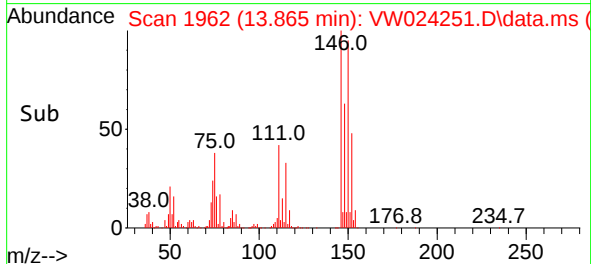
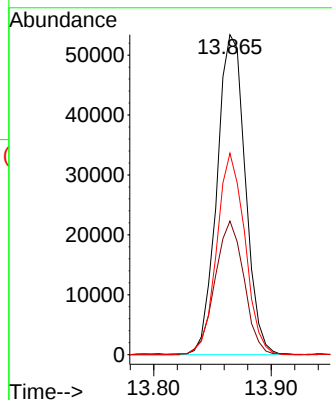
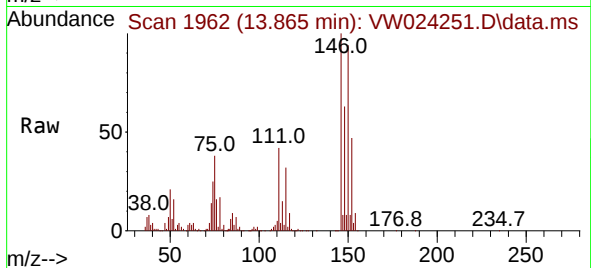
Tgt Ion:146 Resp: 89506

Ion Ratio Lower Upper

146 100

111 41.7 29.0 43.6

148 63.0 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 18.191 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024251.D

Acq: 16 Aug 2022 13:34

Tgt Ion: 75 Resp: 12828

Ion Ratio Lower Upper

75 100

155 86.8 68.8 103.2

157 97.0 91.5 137.3

