

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010721\  
 Data File : VX020520.D  
 Acq On : 06 Jan 2021 15:12  
 Operator : JC/MD  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VIBLK

Quant Time: Jan 06 15:52:12 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SFAMXML010721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 06 15:22:27 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 6.830  | 114  | 353891   | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.098 | 117  | 334569   | 50.00  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.061 | 152  | 148588   | 50.00  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.386  | 65   | 150540   | 50.20  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.685  | 69   | 120420   | 51.42  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.337  | 63   | 209568   | 38.06  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 4.532  | 46   | 194014   | 107.25 | ug/L   | 0.00     |
| 24) Chloroform-d              | 5.135  | 84   | 246488   | 48.06  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 6.025  | 65   | 172367   | 51.52  | ug/L   | 0.00     |
| 32) Benzene-d6                | 6.044  | 84   | 557262   | 53.31  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 7.367  | 67   | 171022   | 52.86  | ug/L   | 0.00     |
| 41) Toluene-d8                | 8.696  | 98   | 485930   | 50.48  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.994  | 79   | 80456    | 49.56  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 9.427  | 63   | 150710   | 101.73 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 11.232 | 84   | 226576   | 50.60  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.360 | 152  | 173677   | 57.23  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.185  | 85   | 3229     | 0.97   | ug/L   | 94       |
| 3) Chloromethane              | 1.313  | 50   | 2626     | 0.88   | ug/L   | 98       |
| 5) Vinyl chloride             | 1.392  | 62   | 3273     | 1.02   | ug/L # | 17       |
| 6) Bromomethane               | 1.624  | 94   | 2742     | 1.88   | ug/L   | 93       |
| 9) Trichlorofluoromethane     | 1.910  | 101  | 3158     | 0.79   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.355  | 101  | 2931     | 1.17   | ug/L   | 92       |
| 12) 1,1-Dichloroethene        | 2.349  | 96   | 3907     | 1.59   | ug/L # | 1        |
| 14) Carbon disulfide          | 2.550  | 76   | 19230    | 2.46   | ug/L   | 99       |
| 15) Methyl Acetate            | 2.745  | 43   | 2091     | 0.77   | ug/L # | 72       |
| 16) Methylene chloride        | 2.837  | 84   | 2691     | 0.94   | ug/L   | 94       |
| 17) trans-1,2-Dichloroethene  | 3.142  | 96   | 3275     | 1.25   | ug/L   | 95       |
| 18) Methyl tert-butyl Ether   | 3.166  | 73   | 3714     | 0.46   | ug/L # | 91       |
| 19) 1,1-Dichloroethane        | 3.672  | 63   | 2788     | 0.59   | ug/L   | 93       |
| 20) cis-1,2-Dichloroethene    | 4.556  | 96   | 2463     | 0.85   | ug/L   | 90       |
| 25) Chloroform                | 5.178  | 83   | 24884    | 4.78   | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 6.153  | 62   | 2819     | 0.74   | ug/L # | 89       |
| 29) Cyclohexane               | 5.544  | 56   | 3125     | 0.78   | ug/L   | 97       |
| 30) 1,1,1-Trichloroethane     | 5.458  | 97   | 2223     | 0.54   | ug/L # | 82       |
| 31) Carbon tetrachloride      | 5.745  | 117  | 2199     | 0.63   | ug/L   | 96       |
| 33) Benzene                   | 6.117  | 78   | 6603     | 0.62   | ug/L   | 100      |
| 34) Trichloroethene           | 7.190  | 95   | 2691     | 1.00   | ug/L   | 96       |
| 35) Methylcyclohexane         | 7.440  | 83   | 3994     | 0.97   | ug/L   | 96       |
| 38) Bromodichloromethane      | 7.873  | 83   | 1882     | 0.54   | ug/L # | 95       |
| 39) cis-1,3-Dichloropropene   | 8.409  | 75   | 2579     | 0.62   | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 8.622  | 43   | 3326     | 0.91   | ug/L   | 99       |
| 42) Toluene                   | 8.763  | 91   | 7658     | 0.67   | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 9.019  | 75   | 3186     | 0.78   | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 9.195  | 97   | 1524     | 0.57   | ug/L   | 96       |
| 46) Tetrachloroethene         | 9.317  | 164  | 2322     | 1.10   | ug/L   | 83       |
| 49) Dibromochloromethane      | 9.567  | 129  | 1479     | 0.53   | ug/L   | 95       |
| 50) 1,2-Dibromoethane         | 9.653  | 107  | 1994     | 0.71   | ug/L # | 87       |
| 51) Chlorobenzene             | 10.116 | 112  | 5994     | 0.85   | ug/L   | 97       |

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 Sample : VIBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VIBLK

Quant Time: Jan 06 15:52:12 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SFAMXML010721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 06 15:22:27 2021  
 Response via : Initial Calibration

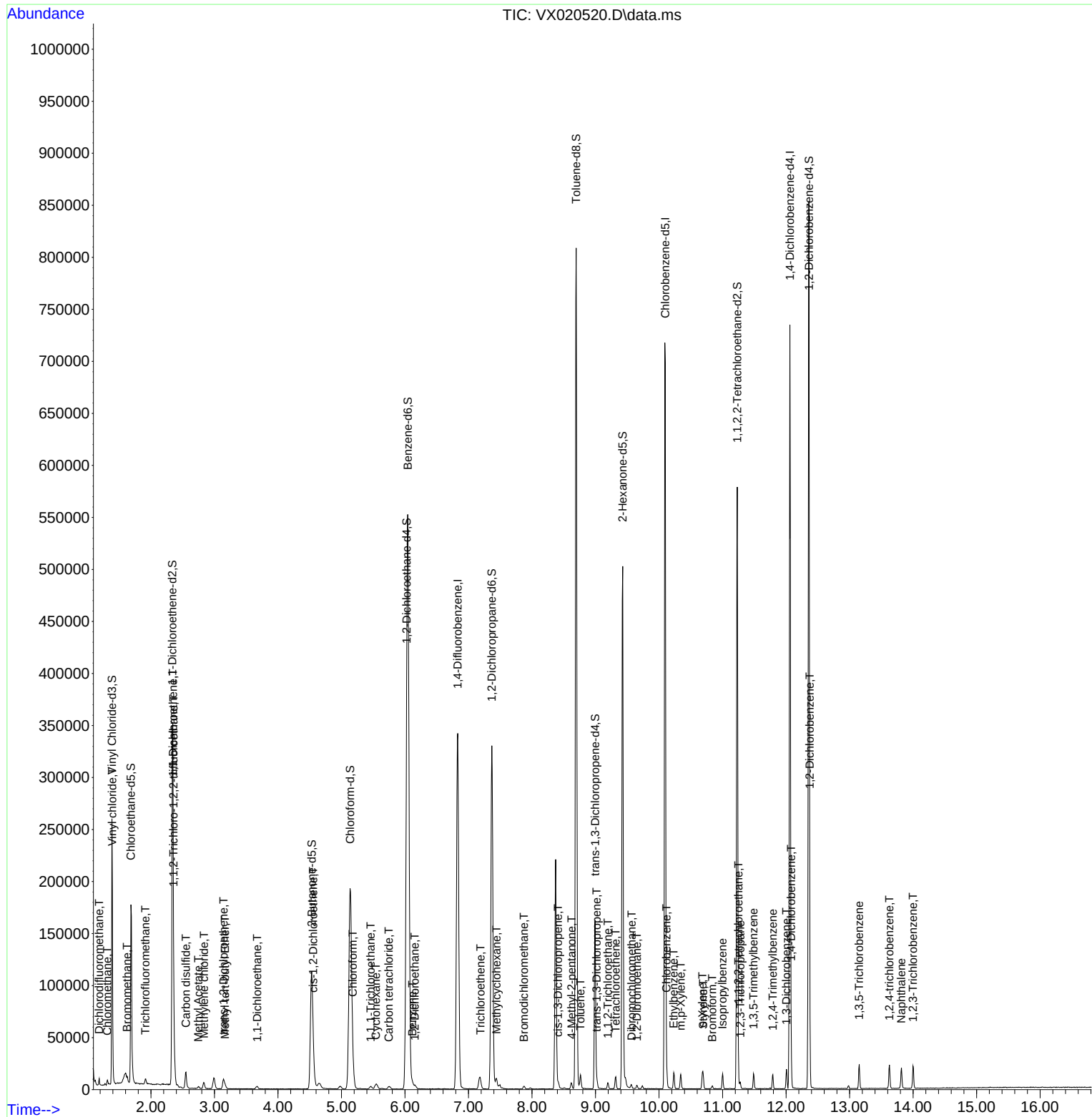
| Compound                      | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|------|--------|----------|
| -----                         |        |      |          |      |        |          |
| 52) Ethylbenzene              | 10.232 | 91   | 8309     | 0.68 | ug/L   | 97       |
| 53) m,p-Xylene                | 10.342 | 106  | 3228     | 0.70 | ug/L   | 97       |
| 54) o-Xylene                  | 10.683 | 106  | 2470     | 0.56 | ug/L   | 98       |
| 55) Styrene                   | 10.695 | 104  | 4659     | 0.61 | ug/L   | 93       |
| 57) 1,1,2,2-Tetrachloroethane | 11.250 | 83   | 3180     | 0.75 | ug/L # | 92       |
| 59) Bromoform                 | 10.835 | 173  | 1098     | 0.61 | ug/L # | 97       |
| 60) Isopropylbenzene          | 11.000 | 105  | 7212     | 0.71 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 11.280 | 75   | 2002     | 0.65 | ug/L   | 96       |
| 62) 1,3,5-Trimethylbenzene    | 11.488 | 105  | 5931     | 0.70 | ug/L   | 93       |
| 63) 1,2,4-Trimethylbenzene    | 11.793 | 105  | 5795     | 0.68 | ug/L   | 95       |
| 64) 1,3-Dichlorobenzene       | 12.006 | 146  | 6058     | 1.29 | ug/L   | 93       |
| 65) 1,4-Dichlorobenzene       | 12.079 | 146  | 6672     | 1.42 | ug/L   | 94       |
| 67) 1,2-Dichlorobenzene       | 12.372 | 146  | 5335     | 1.14 | ug/L # | 94       |
| 69) 1,3,5-Trichlorobenzene    | 13.152 | 180  | 5633     | 1.71 | ug/L   | 96       |
| 70) 1,2,4-trichlorobenzene    | 13.628 | 180  | 6125     | 2.16 | ug/L   | 97       |
| 71) Naphthalene               | 13.817 | 128  | 13340    | 1.40 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.999 | 180  | 5587     | 1.90 | ug/L   | 92       |
| -----                         |        |      |          |      |        |          |

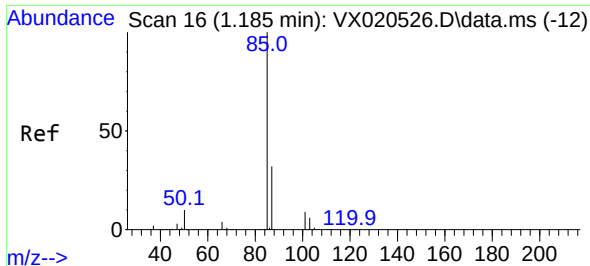
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VIBLK  
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SFAMXML010721WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jan 06 15:22:27 2021  
Response via : Initial Calibration

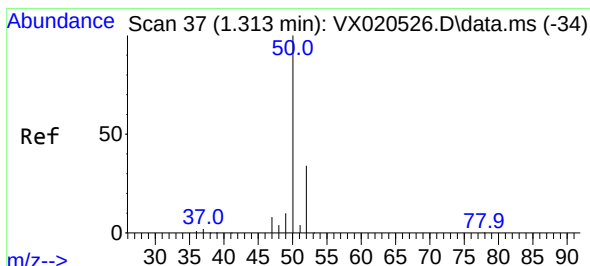
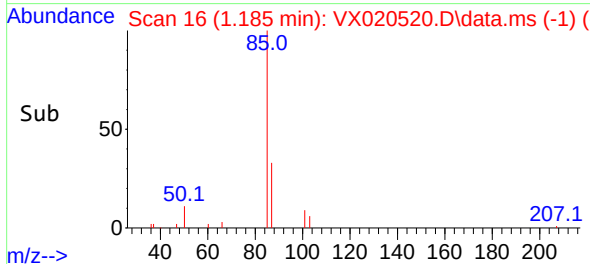
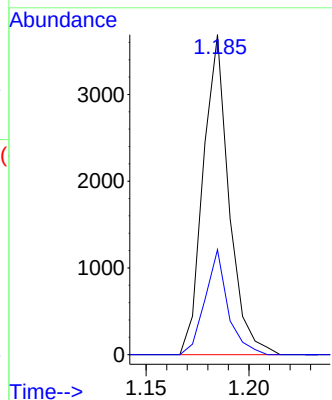
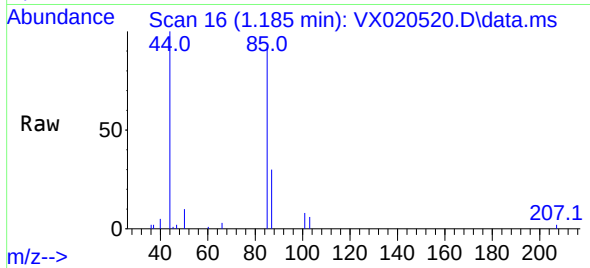




#2  
Dichlorodifluoromethane  
Concen: 0.97 ug/L  
RT: 1.185 min Scan# 16  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

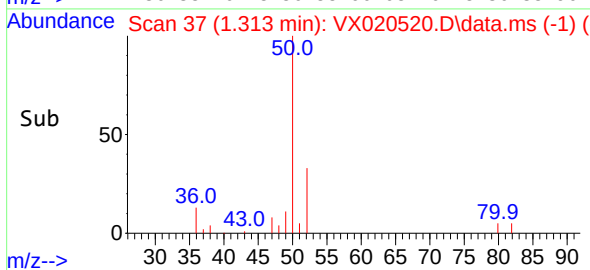
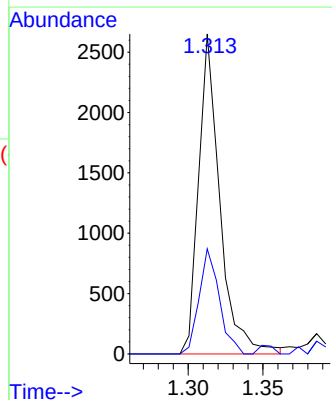
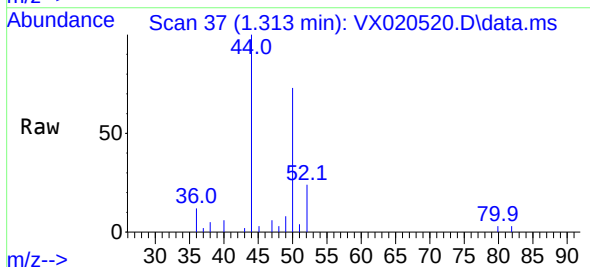
Instrument :  
MSVOA\_X  
ClientSampled :  
VIBLK

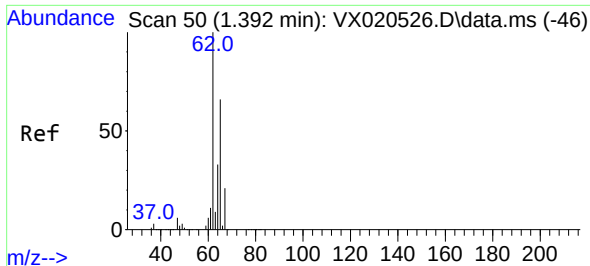
Tgt Ion: 85 Resp: 3229  
Ion Ratio Lower Upper  
85 100  
87 29.0 25.9 38.9



#3  
Chloromethane  
Concen: 0.88 ug/L  
RT: 1.313 min Scan# 37  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion: 50 Resp: 2626  
Ion Ratio Lower Upper  
50 100  
52 32.9 23.7 43.9

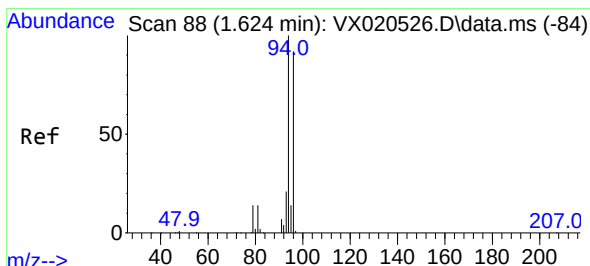
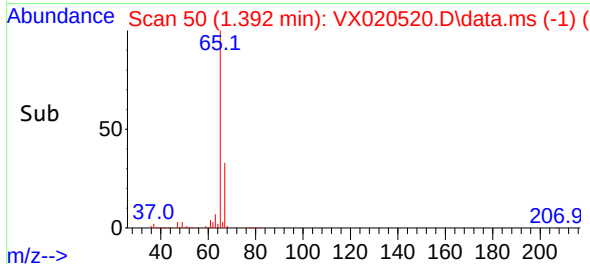
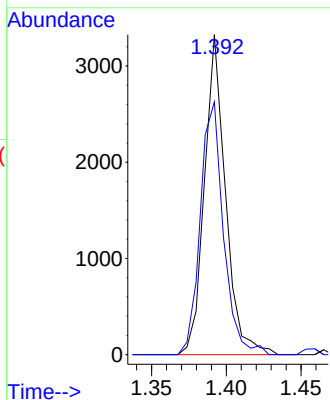
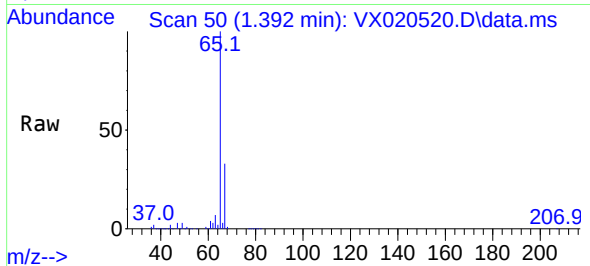




#5  
 Vinyl chloride  
 Concen: 1.02 ug/L  
 RT: 1.392 min Scan# 50  
 Delta R.T. 0.000 min  
 Lab File: VX020520.D  
 Acq: 06 Jan 2021 15:12

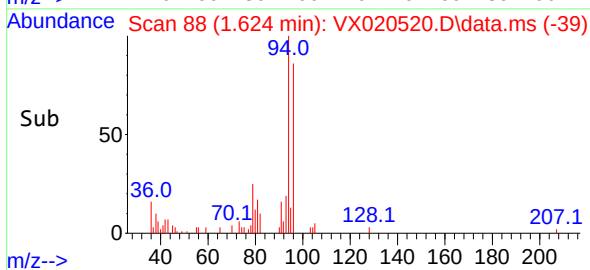
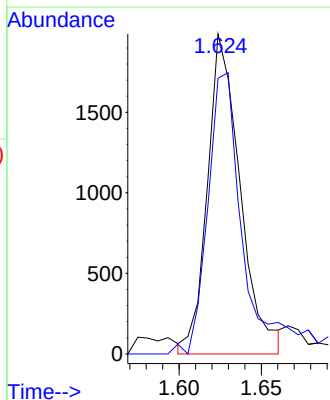
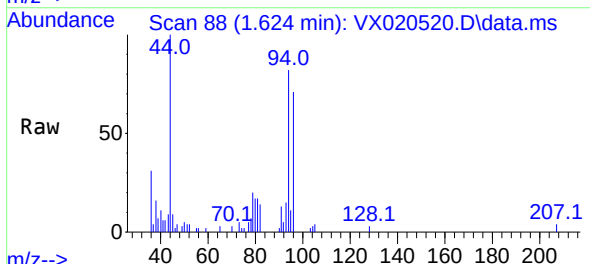
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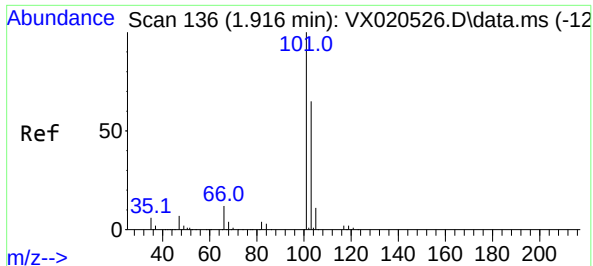
Tgt Ion: 62 Resp: 3273  
 Ion Ratio Lower Upper  
 62 100  
 64 79.0 22.7 42.3#



#6  
 Bromomethane  
 Concen: 1.88 ug/L  
 RT: 1.624 min Scan# 88  
 Delta R.T. 0.000 min  
 Lab File: VX020520.D  
 Acq: 06 Jan 2021 15:12

Tgt Ion: 94 Resp: 2742  
 Ion Ratio Lower Upper  
 94 100  
 96 86.2 64.8 120.3

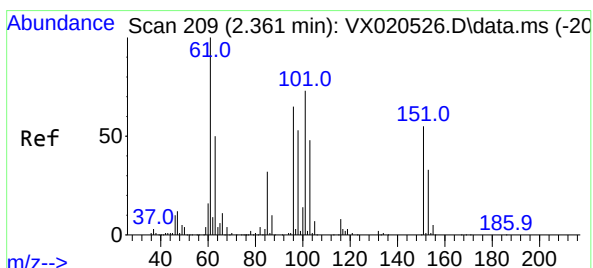
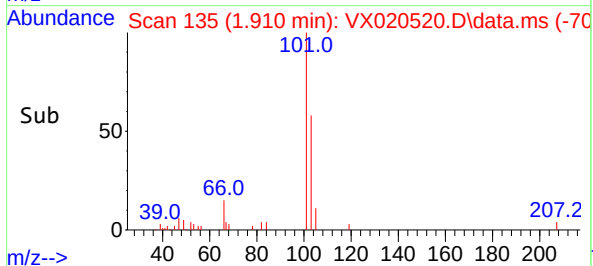
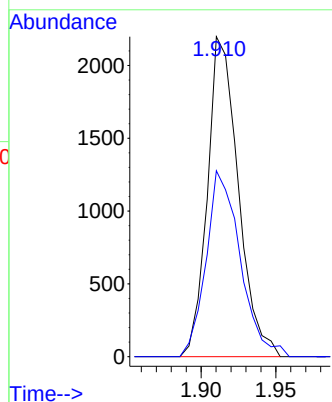
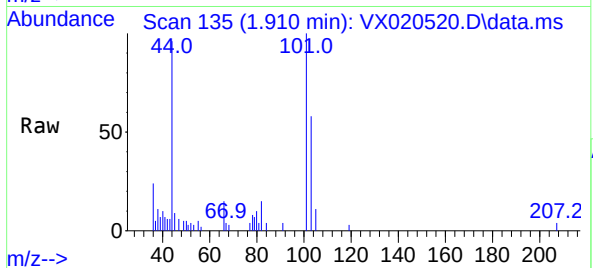




#9  
Trichlorofluoromethane  
Concen: 0.79 ug/L  
RT: 1.910 min Scan# 135  
Delta R.T. -0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

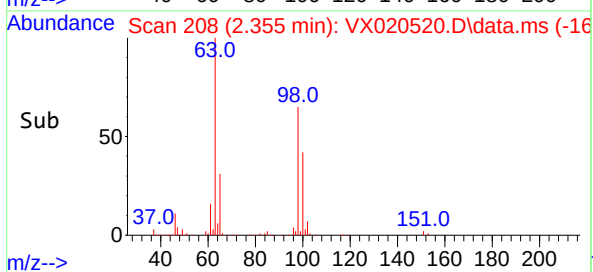
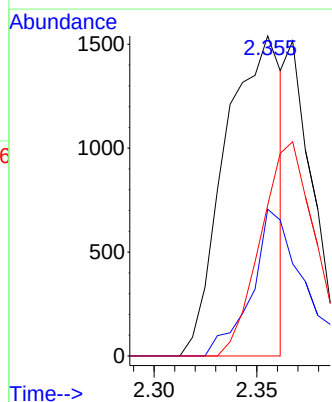
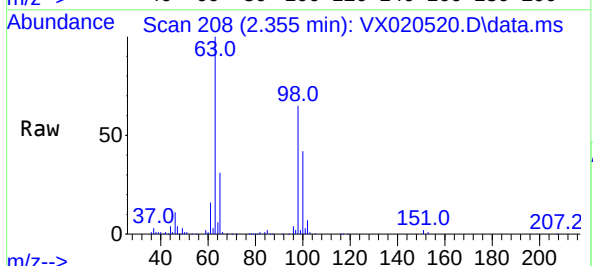
Instrument :  
MSVOA\_X  
ClientSampleId :  
VIBLK

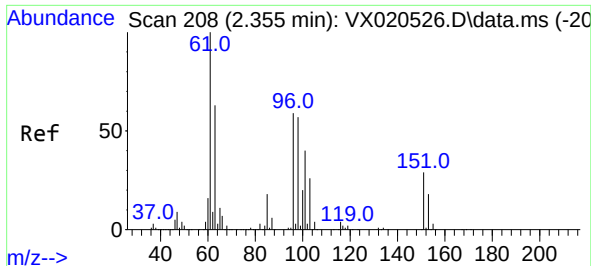
Tgt Ion:101 Resp: 3158  
Ion Ratio Lower Upper  
101 100  
103 64.1 52.2 78.2



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 1.17 ug/L  
RT: 2.355 min Scan# 208  
Delta R.T. -0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion:101 Resp: 2931  
Ion Ratio Lower Upper  
101 100  
85 41.7 34.3 51.5  
151 65.9 60.7 91.1

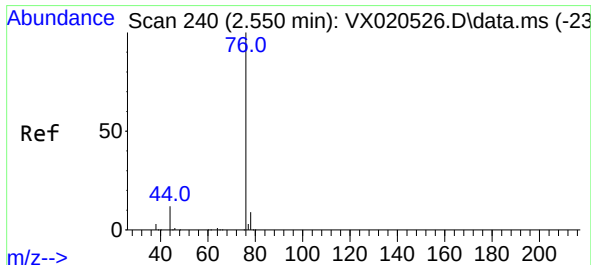
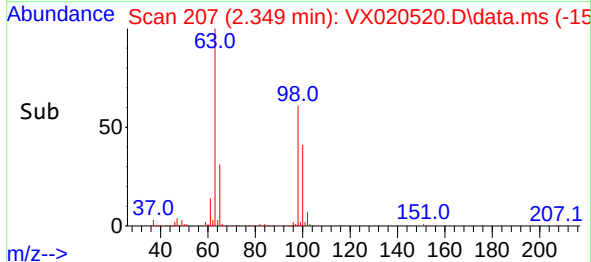
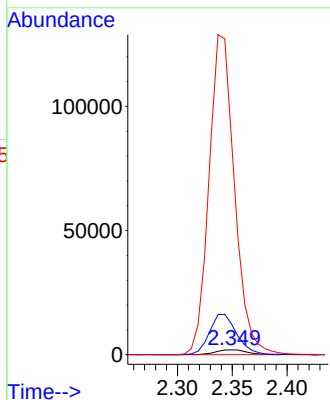
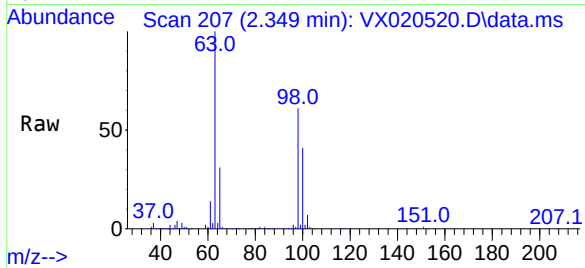




#12  
1,1-Dichloroethene  
Concen: 1.59 ug/L  
RT: 2.349 min Scan# 207  
Delta R.T. -0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

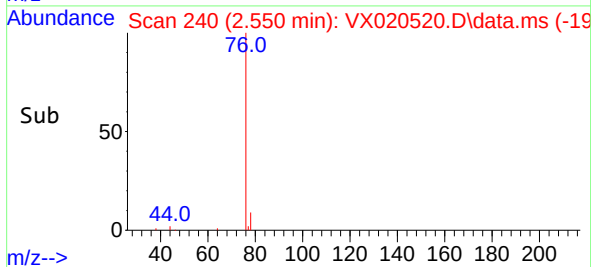
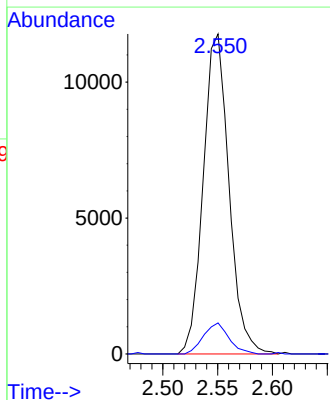
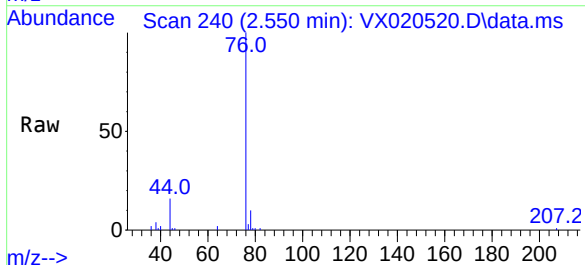
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ClientSampleId :  
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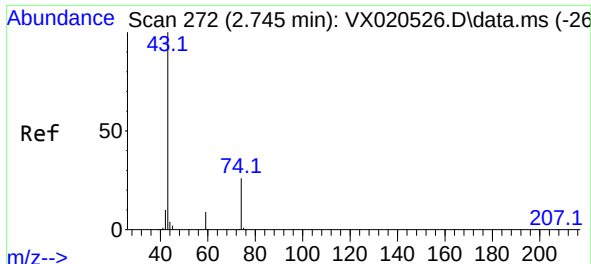
Tgt Ion: 96 Resp: 3907  
Ion Ratio Lower Upper  
96 100  
61 645.8 115.5 214.5#  
63 4528.0 77.3 143.7#



#14  
Carbon disulfide  
Concen: 2.46 ug/L  
RT: 2.550 min Scan# 240  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion: 76 Resp: 19230  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.6 11.4

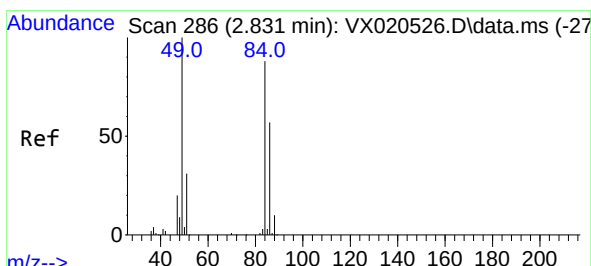
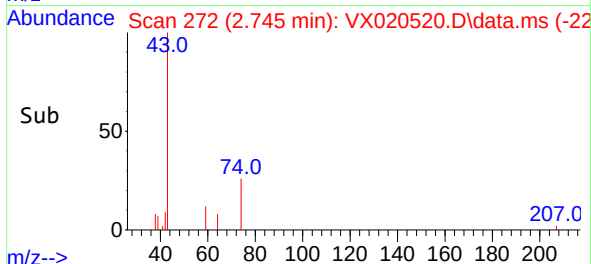
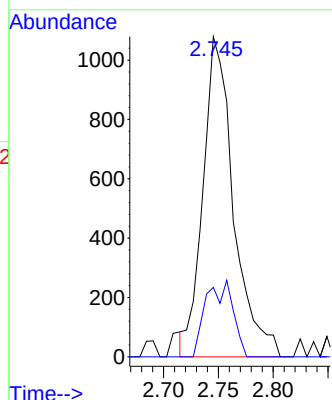
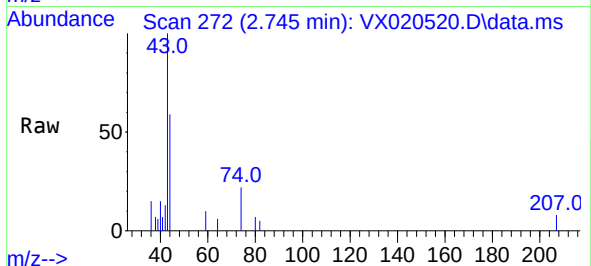




#15  
Methyl Acetate  
Concen: 0.77 ug/L  
RT: 2.745 min Scan# 272  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

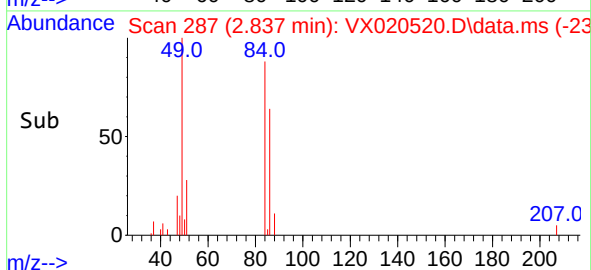
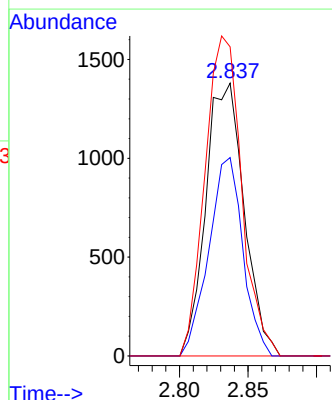
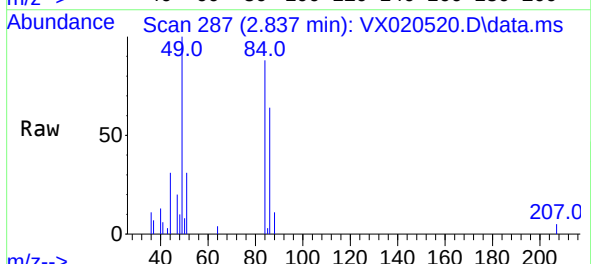
Instrument :  
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ClientSampled :  
VIBLK

Tgt Ion: 43 Resp: 2091  
Ion Ratio Lower Upper  
43 100  
74 12.8 21.7 32.5#

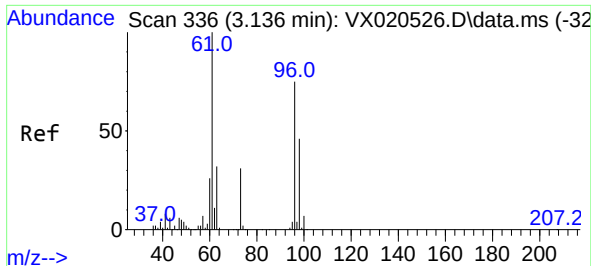


#16  
Methylene chloride  
Concen: 0.94 ug/L  
RT: 2.837 min Scan# 287  
Delta R.T. 0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion: 84 Resp: 2691  
Ion Ratio Lower Upper  
84 100  
86 72.8 44.2 82.0  
49 113.3 77.8 144.6

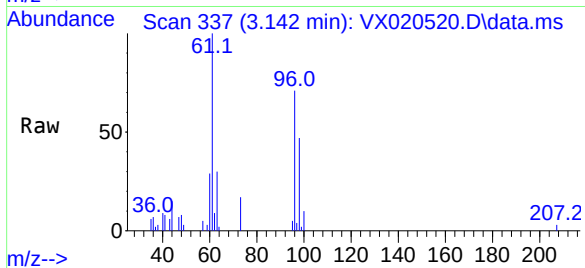




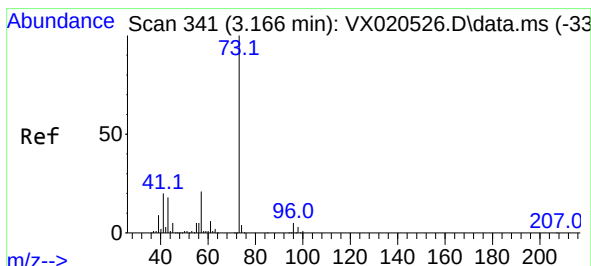
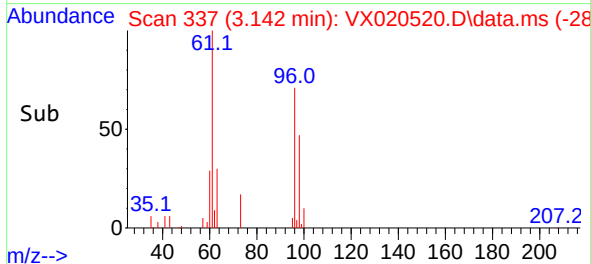
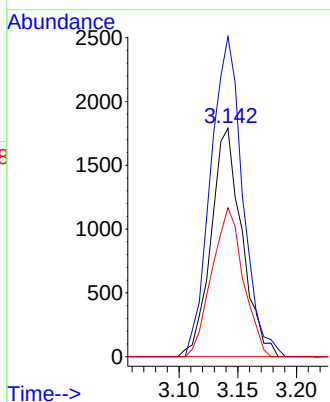


#17  
trans-1,2-Dichloroethene  
Concen: 1.25 ug/L  
RT: 3.142 min Scan# 337  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VIBLK

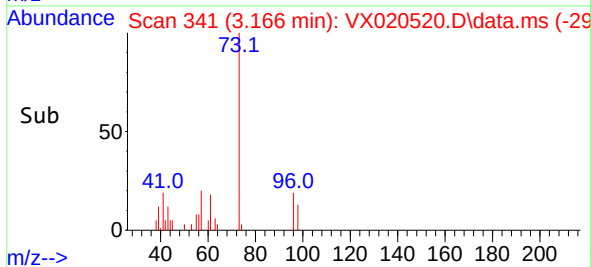
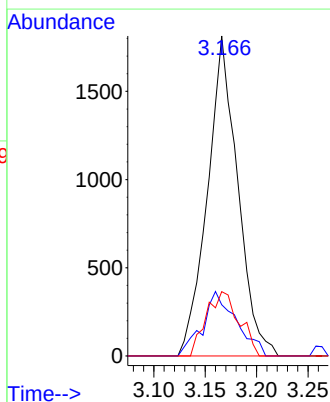
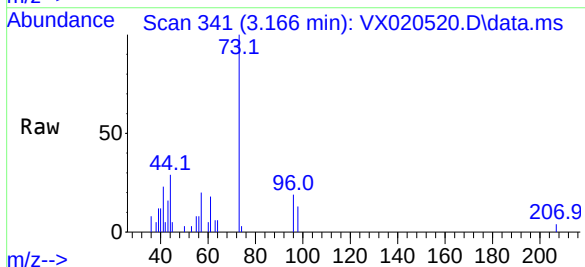


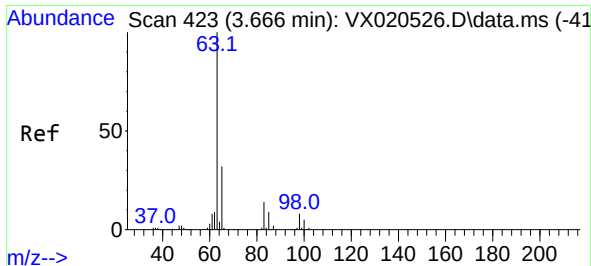
Tgt Ion: 96 Resp: 3275  
Ion Ratio Lower Upper  
96 100  
61 140.1 92.3 171.3  
98 65.3 46.3 85.9



#18  
Methyl tert-butyl Ether  
Concen: 0.46 ug/L  
RT: 3.166 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion: 73 Resp: 3714  
Ion Ratio Lower Upper  
73 100  
43 12.6 15.1 22.7#  
57 19.2 17.4 26.2





#19

1,1-Dichloroethane

Concen: 0.59 ug/L

RT: 3.672 min Scan# 424

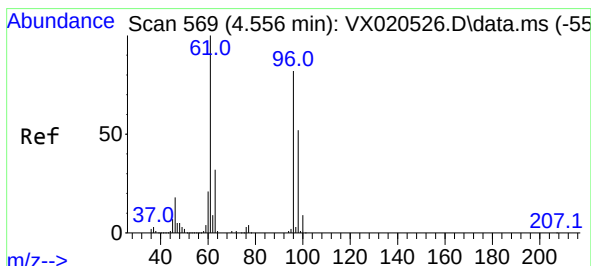
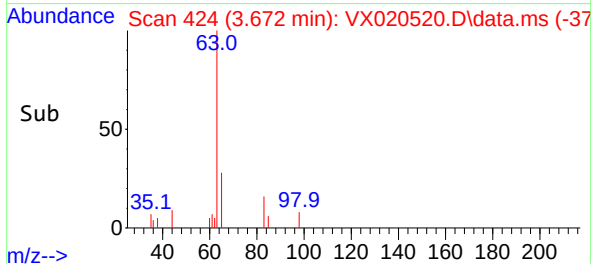
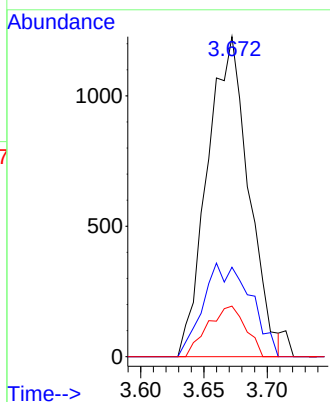
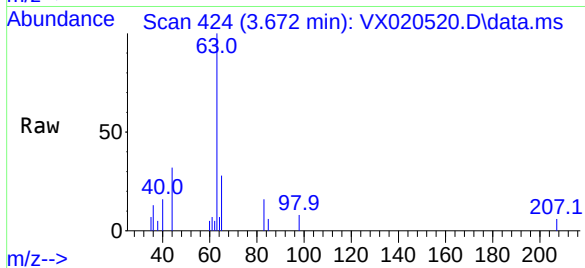
Delta R.T. 0.006 min

Lab File: VX020520.D

Acq: 06 Jan 2021 15:12

Tgt Ion: 63 Resp: 2788

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 28.0  | 22.4  | 41.6  |
| 83  | 15.8  | 9.5   | 17.7  |



#20

cis-1,2-Dichloroethene

Concen: 0.85 ug/L

RT: 4.556 min Scan# 569

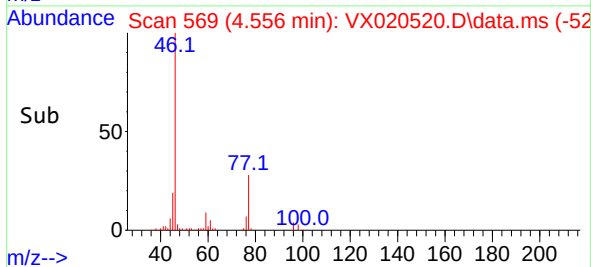
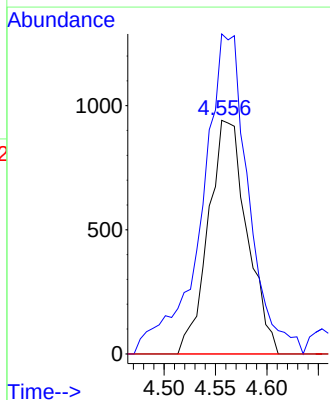
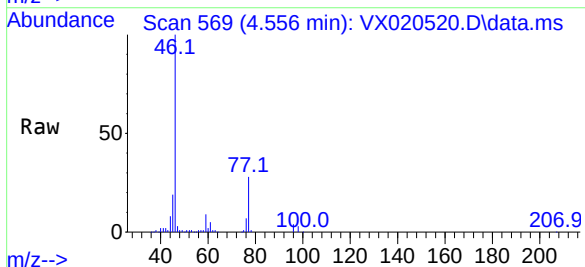
Delta R.T. -0.006 min

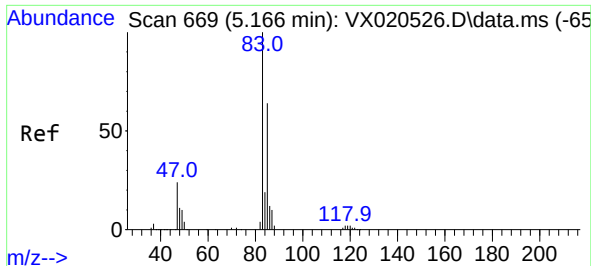
Lab File: VX020520.D

Acq: 06 Jan 2021 15:12

Tgt Ion: 96 Resp: 2463

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 137.0 | 87.8  | 163.0 |
| 68  | 0.0   | 0.0   | 0.0   |

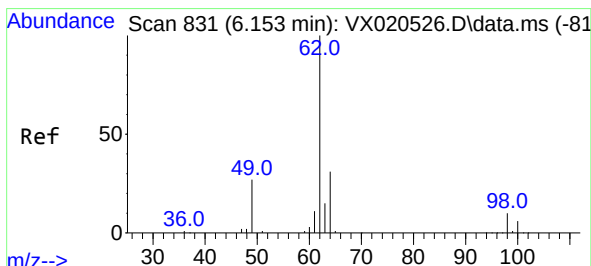
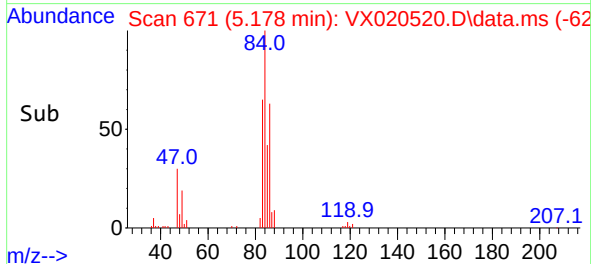
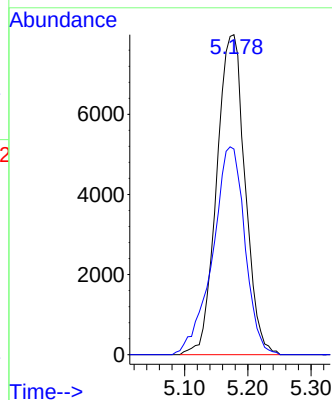
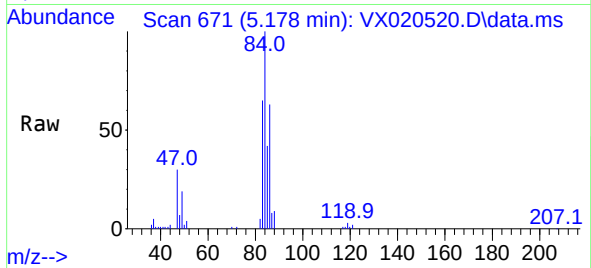




#25  
Chloroform  
Concen: 4.78 ug/L  
RT: 5.178 min Scan# 671  
Delta R.T. 0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

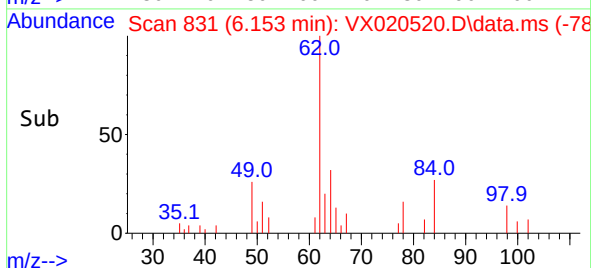
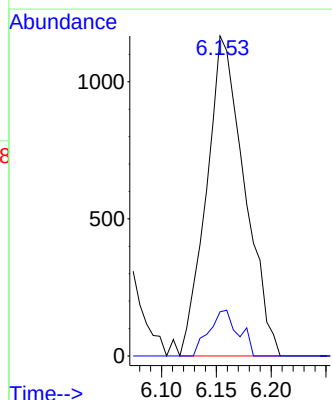
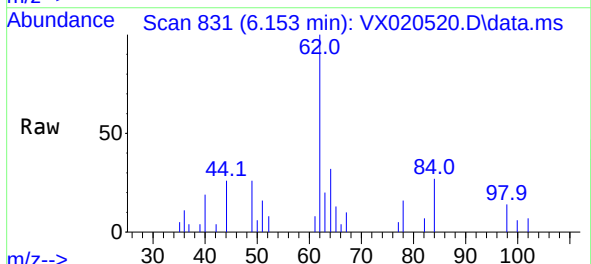
Instrument :  
MSVOA\_X  
ClientSampleId :  
VIBLK

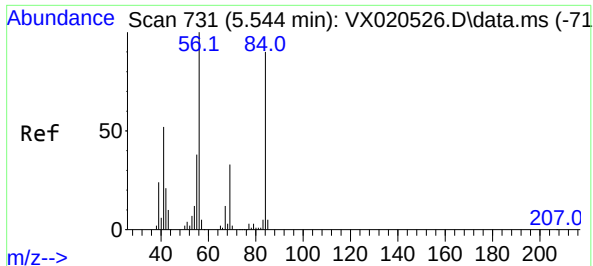
Tgt Ion: 83 Resp: 24884  
Ion Ratio Lower Upper  
83 100  
85 64.2 46.3 85.9



#27  
1,2-Dichloroethane  
Concen: 0.74 ug/L  
RT: 6.153 min Scan# 831  
Delta R.T. -0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion: 62 Resp: 2819  
Ion Ratio Lower Upper  
62 100  
98 13.8 7.9 11.9#





#29

Cyclohexane

Concen: 0.78 ug/L

RT: 5.544 min Scan# 731

Delta R.T. -0.006 min

Lab File: VX020520.D

Acq: 06 Jan 2021 15:12

Instrument :

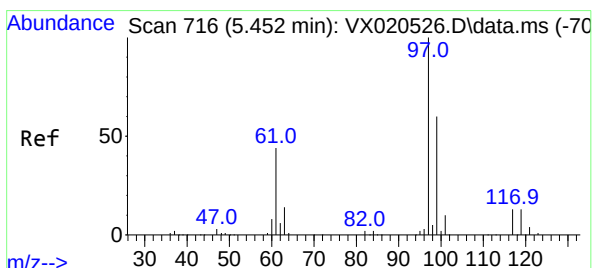
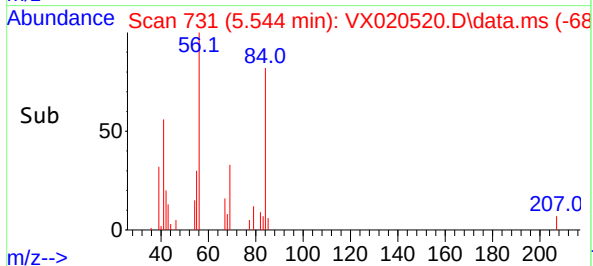
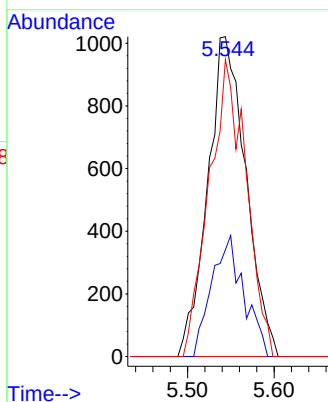
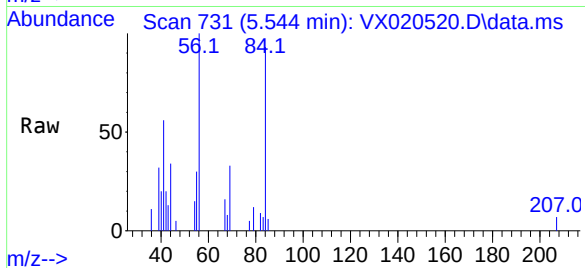
MSVOA\_X

ClientSampleId :

VIBLK

Tgt Ion: 56 Resp: 3125

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 27.7  | 25.7  | 38.5  |
| 84  | 89.9  | 72.4  | 108.6 |



#30

1,1,1-Trichloroethane

Concen: 0.54 ug/L

RT: 5.458 min Scan# 717

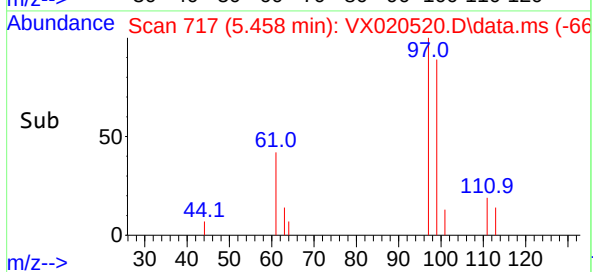
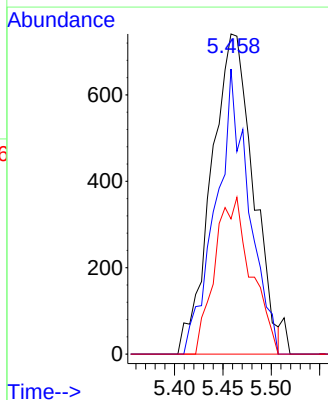
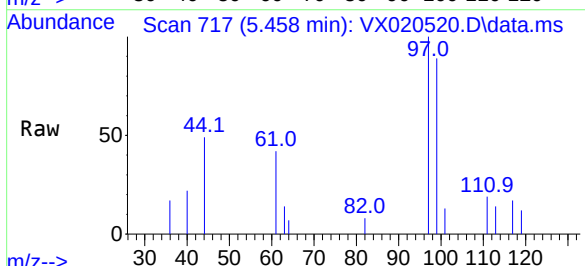
Delta R.T. 0.000 min

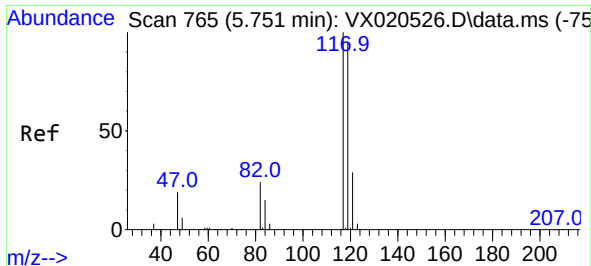
Lab File: VX020520.D

Acq: 06 Jan 2021 15:12

Tgt Ion: 97 Resp: 2223

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 70.8  | 52.1  | 78.1  |
| 61  | 21.7  | 35.3  | 52.9  |

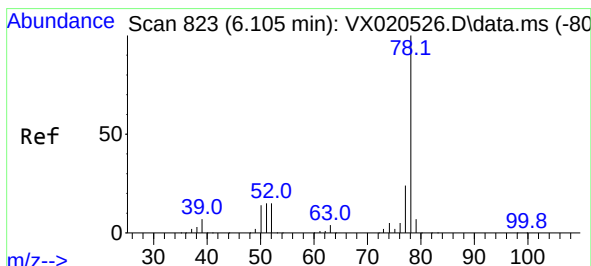
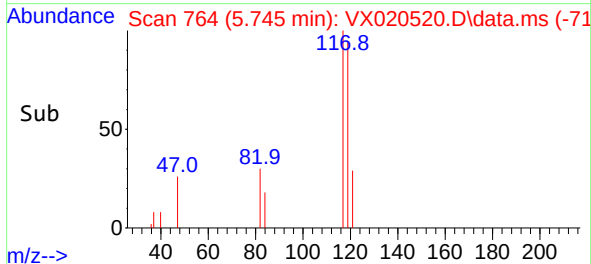
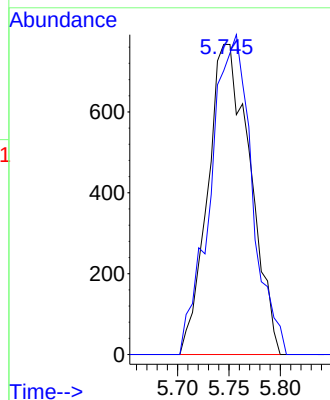
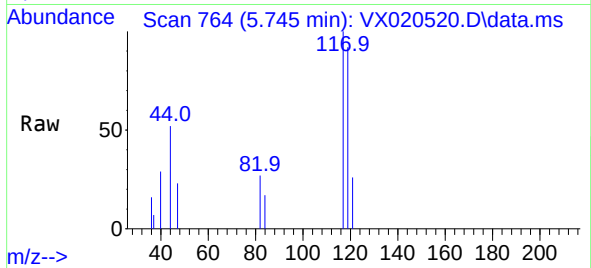




#31  
Carbon tetrachloride  
Concen: 0.63 ug/L  
RT: 5.745 min Scan# 764  
Delta R.T. -0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

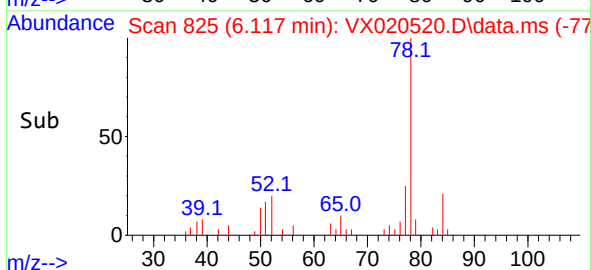
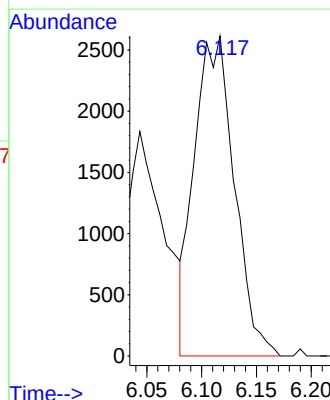
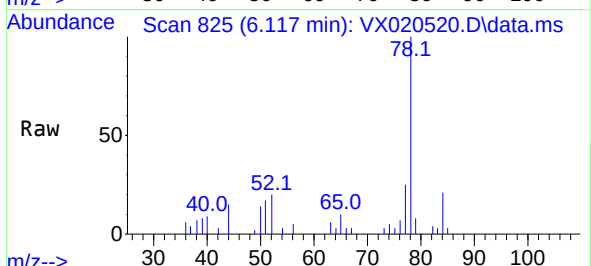
Instrument :  
MSVOA\_X  
ClientSampleId :  
VIBLK

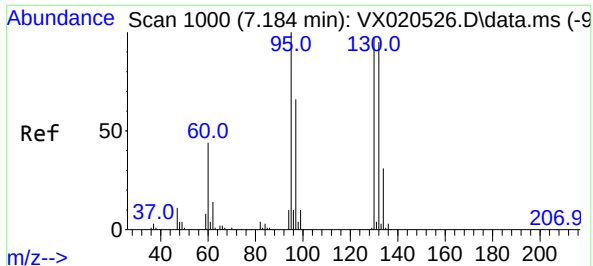
Tgt Ion:117 Resp: 2199  
Ion Ratio Lower Upper  
117 100  
119 100.9 77.5 116.3



#33  
Benzene  
Concen: 0.62 ug/L  
RT: 6.117 min Scan# 825  
Delta R.T. 0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion: 78 Resp: 6603



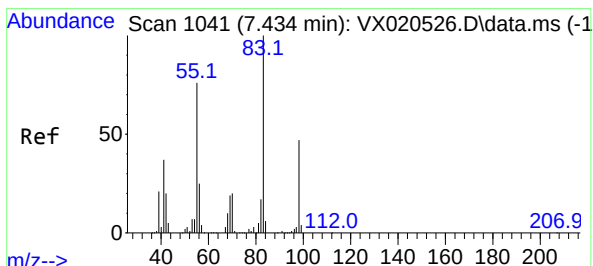
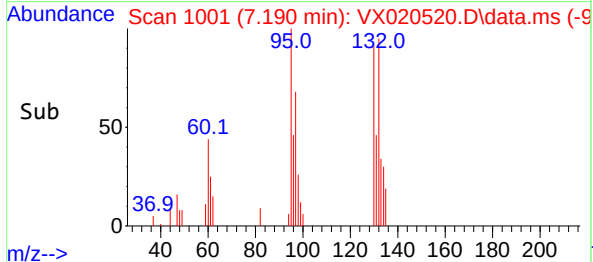
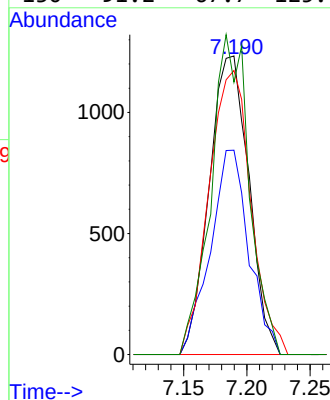
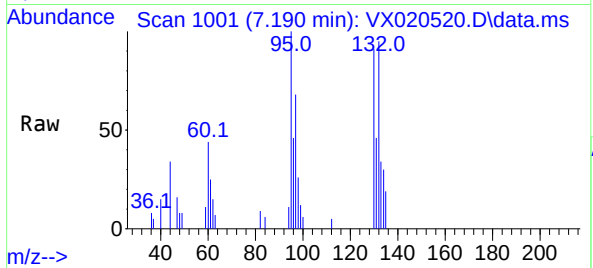


#34  
Trichloroethene  
Concen: 1.00 ug/L  
RT: 7.190 min Scan# 1001  
Delta R.T. 0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Instrument :  
MSVOA\_X  
ClientSampled :  
VIBLK

Tgt Ion: 95 Resp: 2691

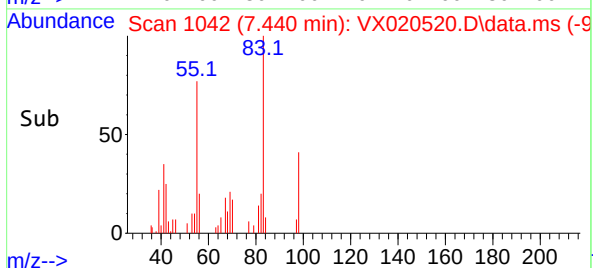
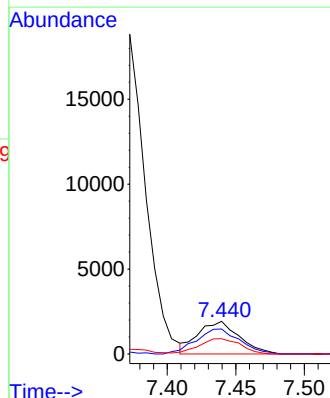
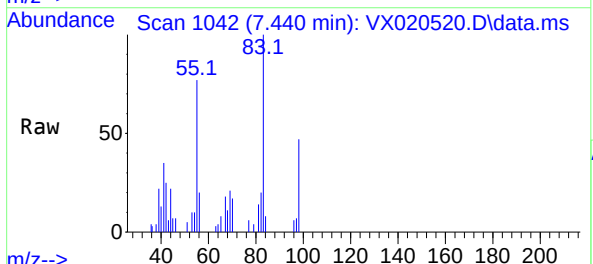
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 68.5  | 44.5  | 82.7  |
| 132 | 95.1  | 65.2  | 121.0 |
| 130 | 91.2  | 67.7  | 125.7 |

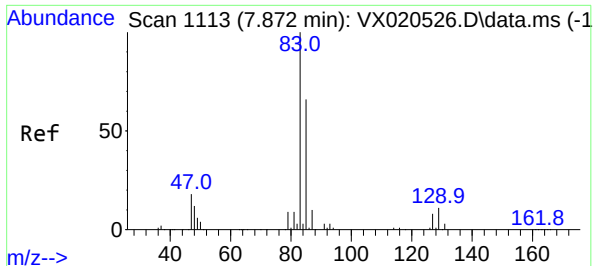


#35  
Methylcyclohexane  
Concen: 0.97 ug/L  
RT: 7.440 min Scan# 1042  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion: 83 Resp: 3994

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 81.1  | 61.2  | 91.8  |
| 98  | 47.1  | 38.7  | 58.1  |

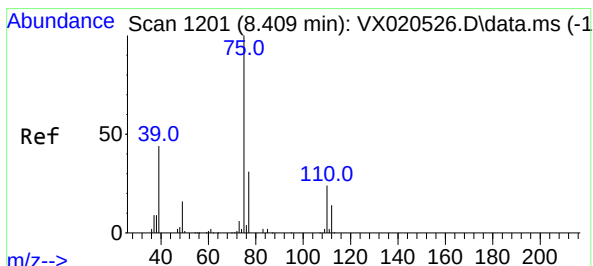
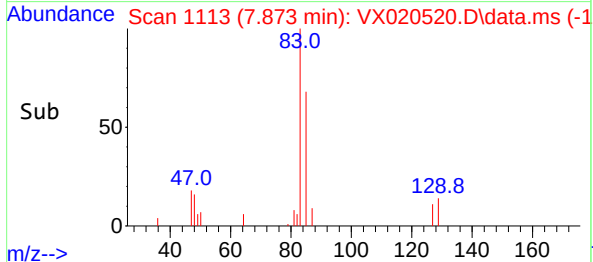
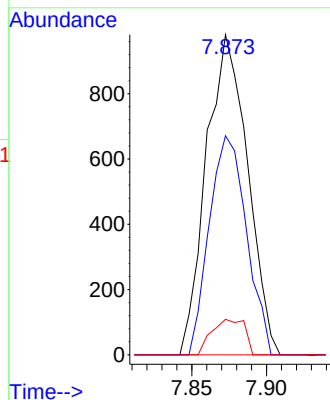
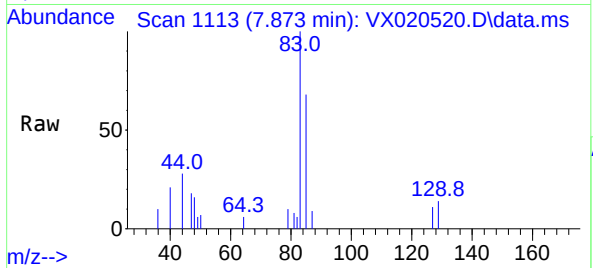




#38  
Bromodichloromethane  
Concen: 0.54 ug/L  
RT: 7.873 min Scan# 1113  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

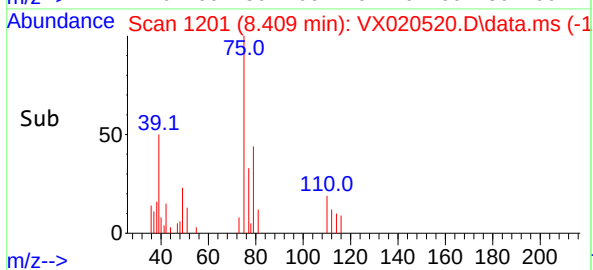
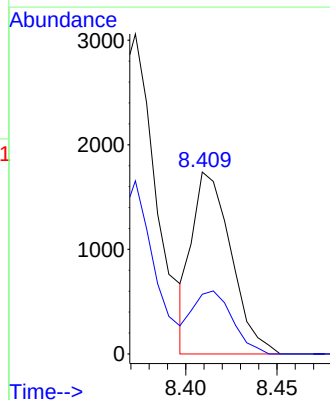
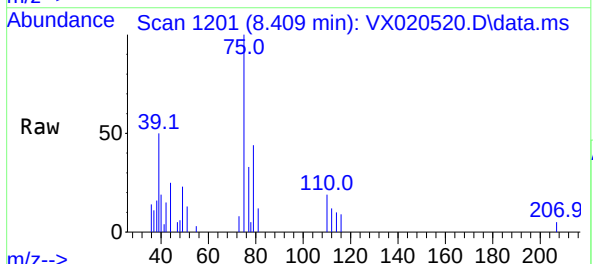
Instrument :  
MSVOA\_X  
ClientSampleId :  
VIBLK

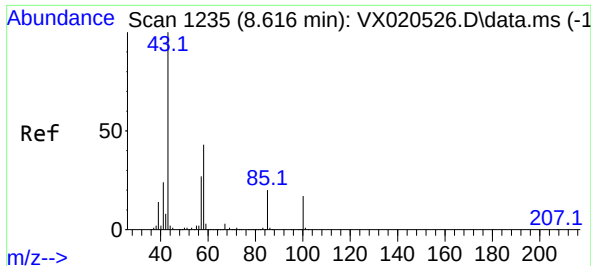
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 1882  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 68.4     | 45.1 83.7   |
| 127 11.1    | 6.6 10.0#   |



#39  
cis-1,3-Dichloropropene  
Concen: 0.62 ug/L  
RT: 8.409 min Scan# 1201  
Delta R.T. -0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 2579  |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 32.8     | 22.7 42.3   |

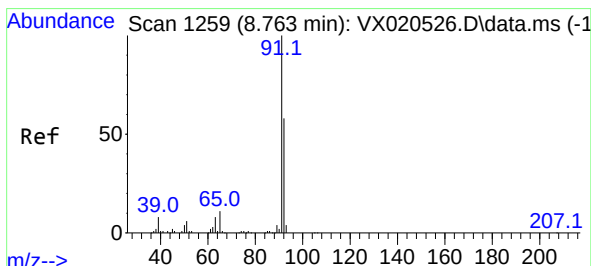
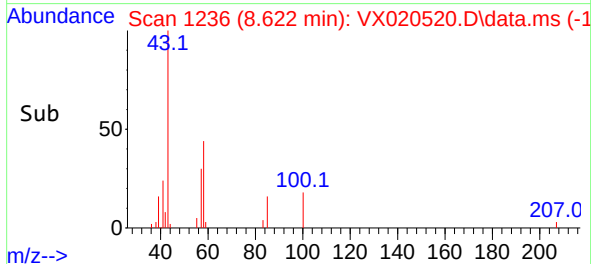
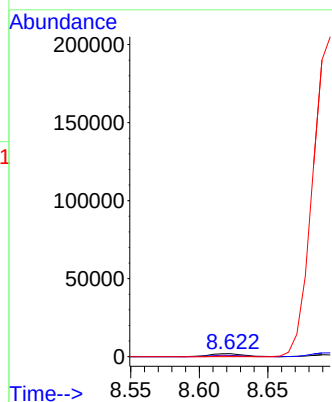
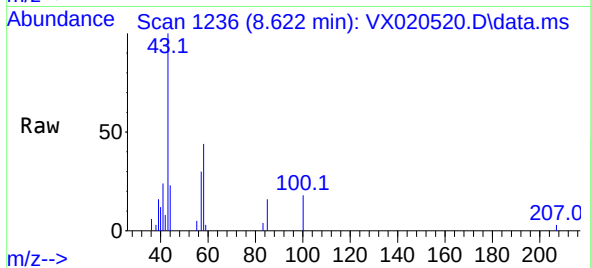




#40  
4-Methyl-2-pentanone  
Concen: 0.91 ug/L  
RT: 8.622 min Scan# 1236  
Delta R.T. 0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

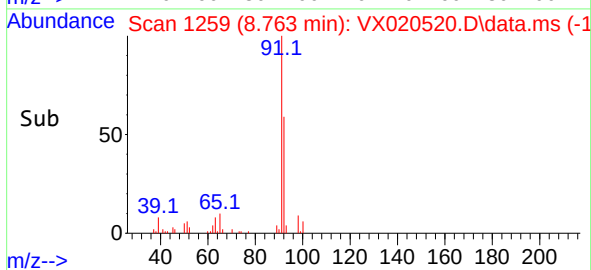
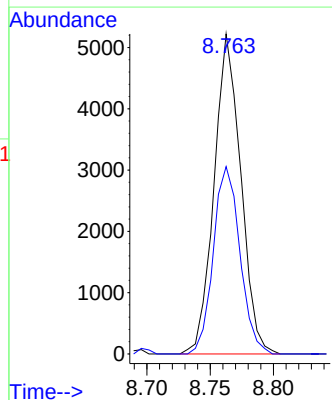
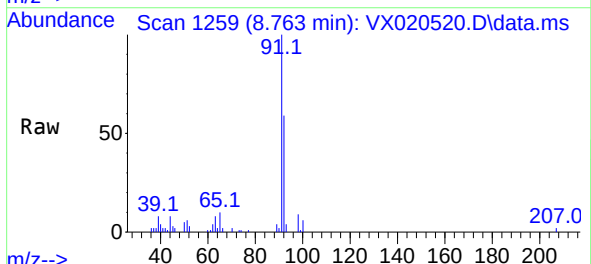
Instrument :  
MSVOA\_X  
ClientSampleId :  
VIBLK

Tgt Ion: 43 Resp: 3326  
Ion Ratio Lower Upper  
43 100  
58 44.0 35.0 52.4  
100 17.0 14.2 21.4

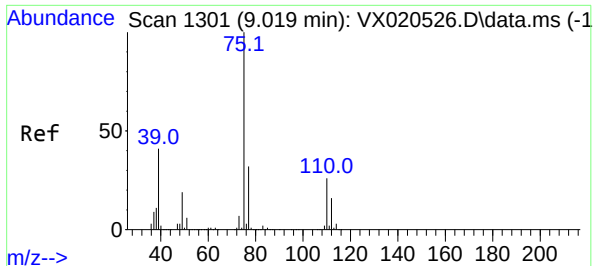


#42  
Toluene  
Concen: 0.67 ug/L  
RT: 8.763 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion: 91 Resp: 7658  
Ion Ratio Lower Upper  
91 100  
92 58.6 40.5 75.1



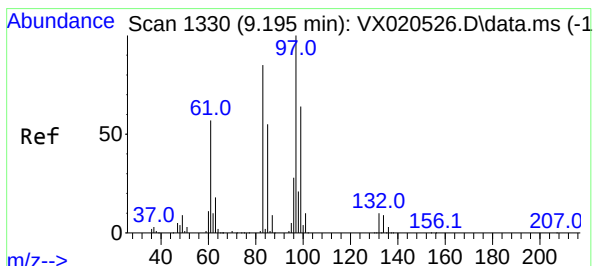
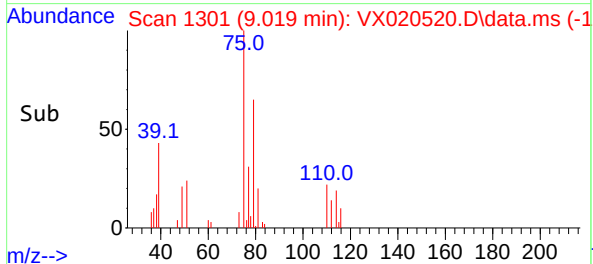
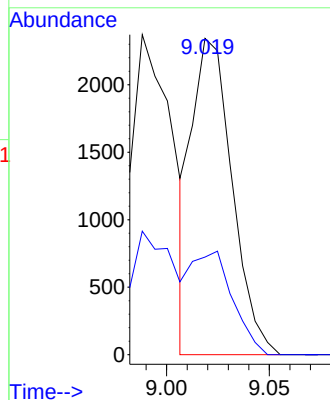
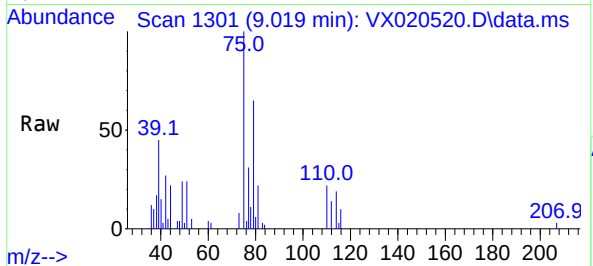




#44  
trans-1,3-Dichloropropene  
Concen: 0.78 ug/L  
RT: 9.019 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

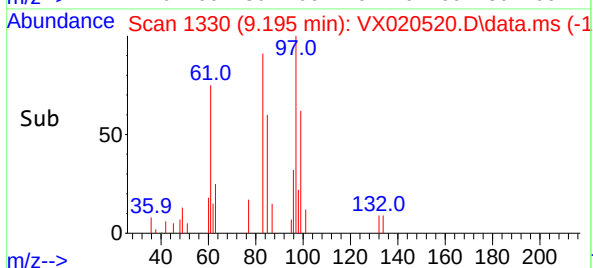
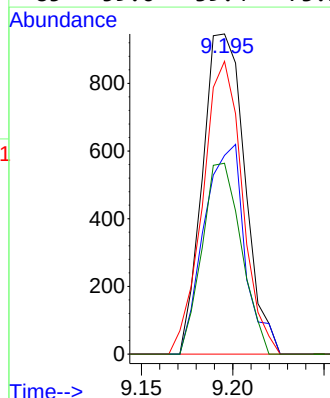
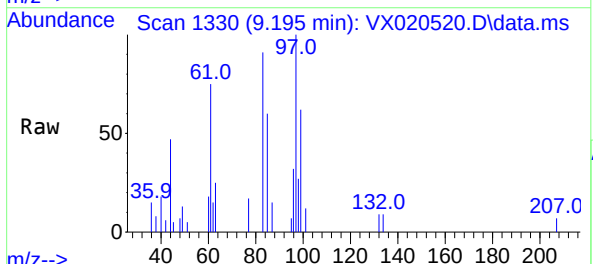
Instrument :  
MSVOA\_X  
ClientSampleId :  
VIBLK

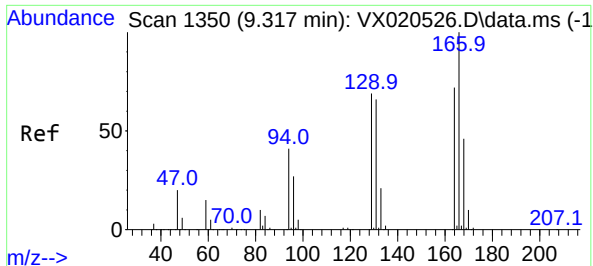
Tgt Ion: 75 Resp: 3186  
Ion Ratio Lower Upper  
75 100  
77 30.8 22.4 41.6



#45  
1,1,2-Trichloroethane  
Concen: 0.57 ug/L  
RT: 9.195 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion: 97 Resp: 1524  
Ion Ratio Lower Upper  
97 100  
99 62.1 44.0 81.6  
83 91.4 60.8 113.0  
85 59.6 39.4 73.2



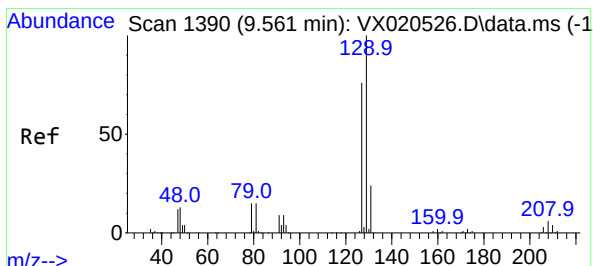
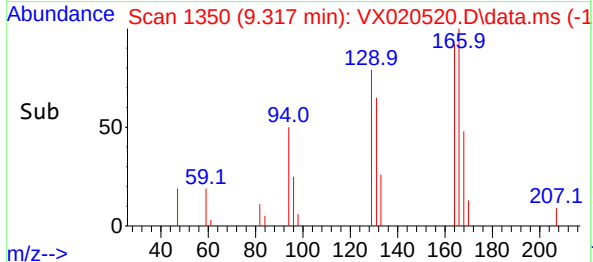
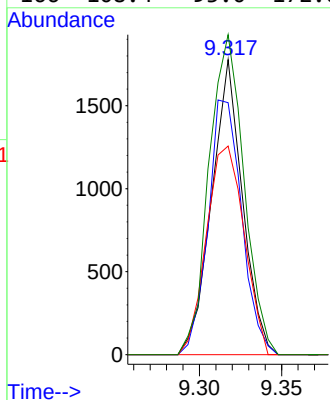
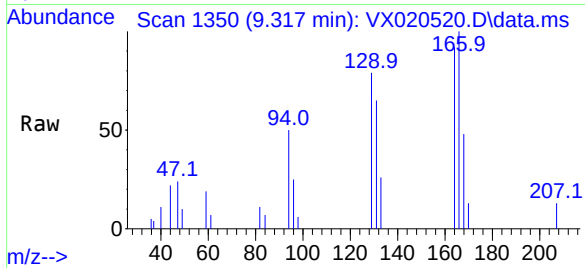


#46  
Tetrachloroethene  
Concen: 1.10 ug/L  
RT: 9.317 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Instrument :  
MSVOA\_X  
ClientSampled :  
VIBLK

Tgt Ion:164 Resp: 2322

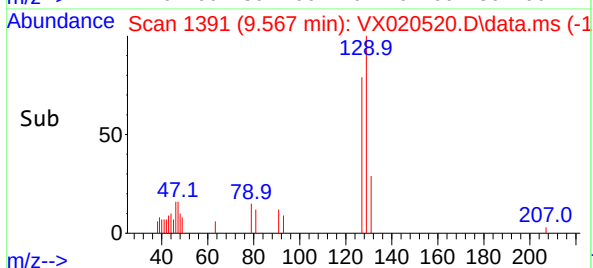
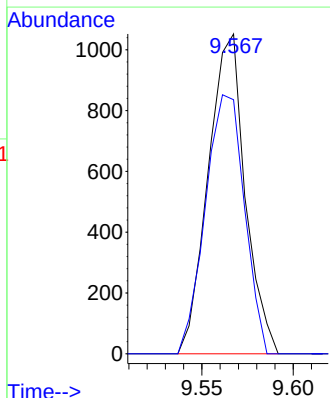
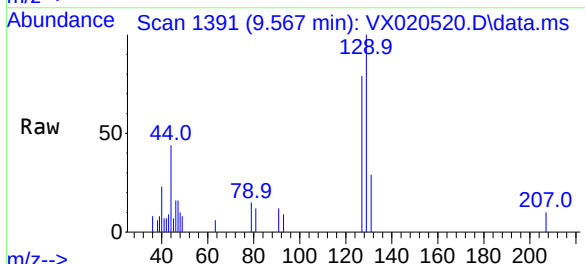
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 85.4  | 65.6  | 121.8 |
| 131 | 70.7  | 63.7  | 118.3 |
| 166 | 108.4 | 93.0  | 172.6 |

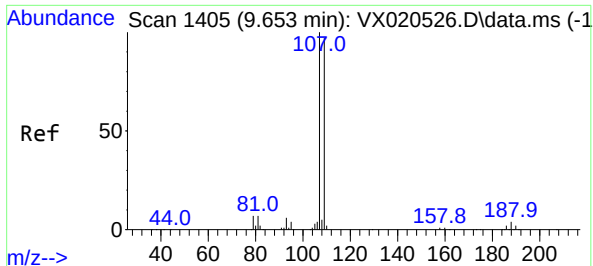


#49  
Dibromochloromethane  
Concen: 0.53 ug/L  
RT: 9.567 min Scan# 1391  
Delta R.T. 0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion:129 Resp: 1479

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 79.5  | 52.5  | 97.5  |

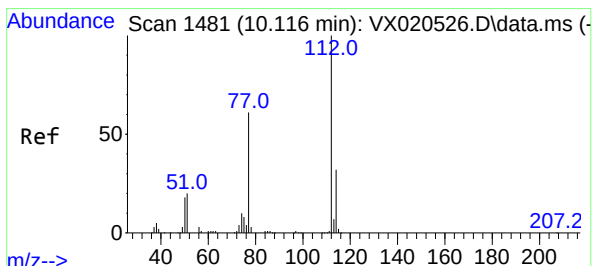
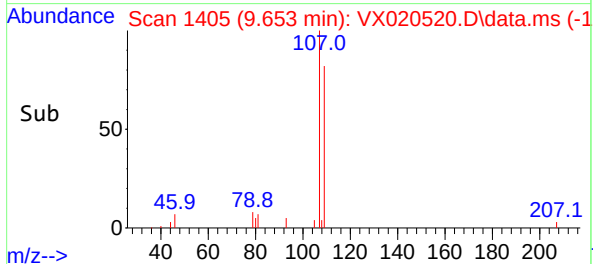
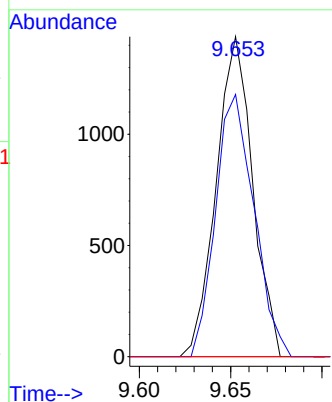
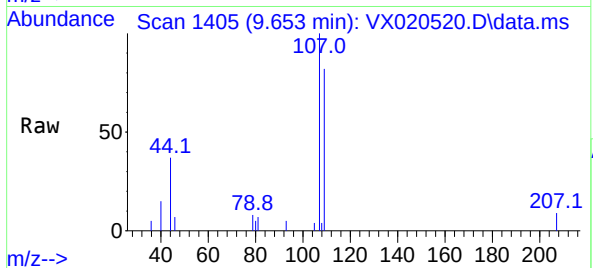




#50  
1,2-Dibromoethane  
Concen: 0.71 ug/L  
RT: 9.653 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

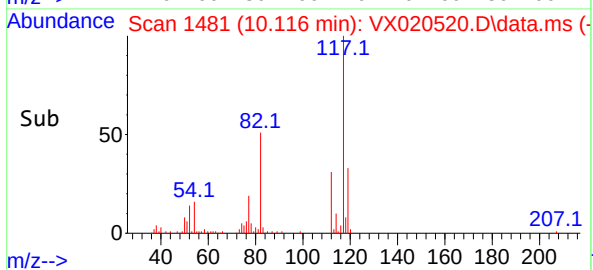
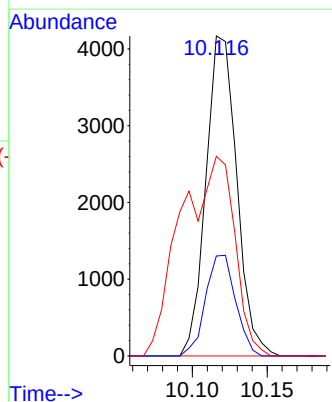
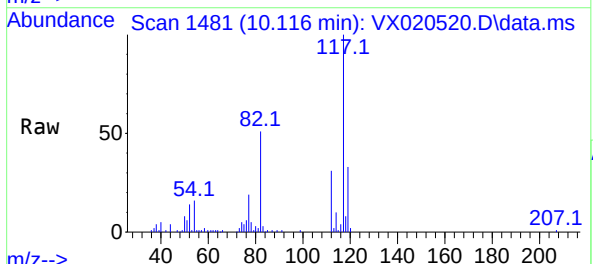
Instrument :  
MSVOA\_X  
ClientSampleId :  
VIBLK

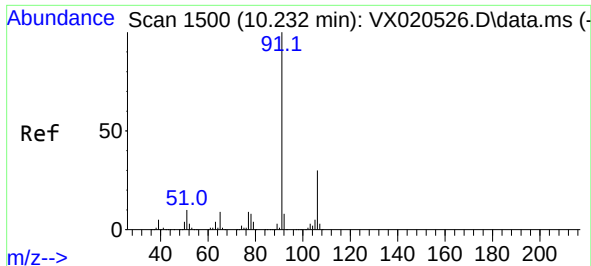
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 1994  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 109      | 81.9  | 66.4  | 123.4 |
| 188      | 0.0   | 3.2   | 4.8#  |



#51  
Chlorobenzene  
Concen: 0.85 ug/L  
RT: 10.116 min Scan# 1481  
Delta R.T. -0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 5994  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 31.3  | 23.2  | 43.2  |
| 77       | 62.4  | 48.4  | 72.6  |

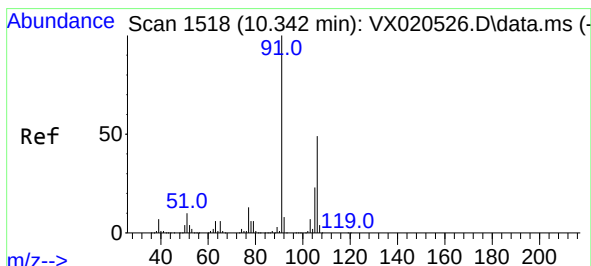
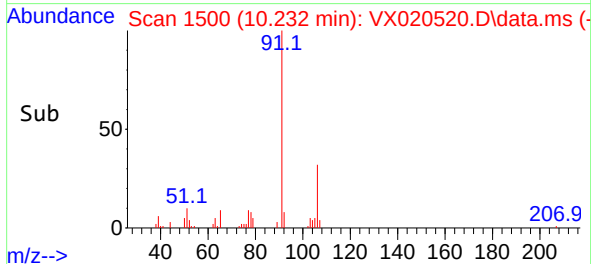
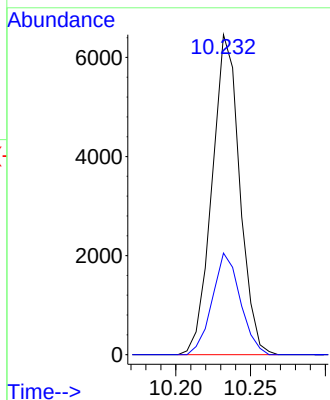
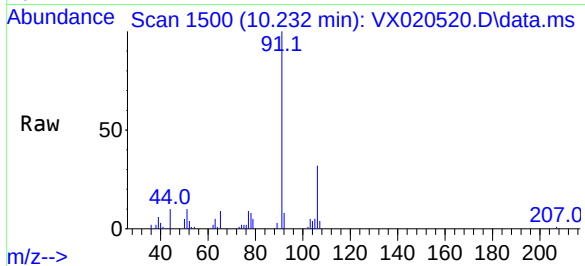




#52  
Ethylbenzene  
Concen: 0.68 ug/L  
RT: 10.232 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

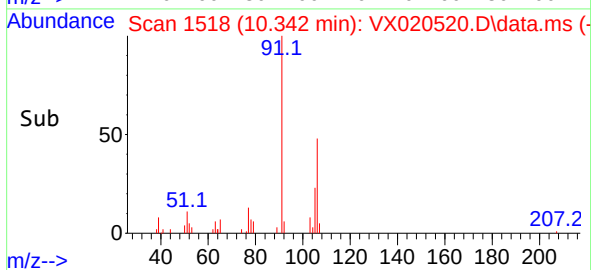
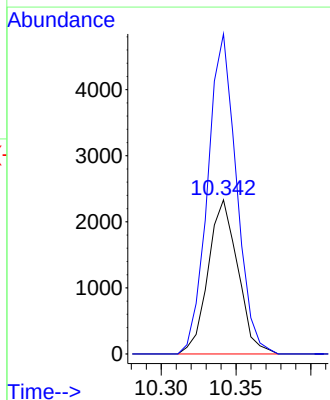
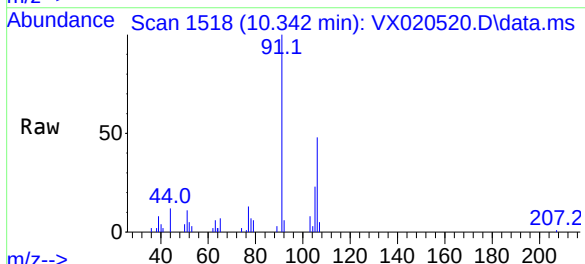
Instrument :  
MSVOA\_X  
ClientSampled :  
VIBLK

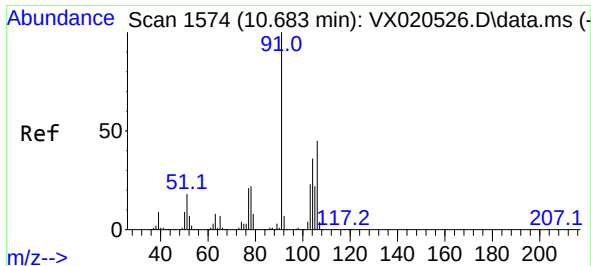
Tgt Ion: 91 Resp: 8309  
Ion Ratio Lower Upper  
91 100  
106 31.7 21.0 39.0



#53  
m,p-Xylene  
Concen: 0.70 ug/L  
RT: 10.342 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion: 106 Resp: 3228  
Ion Ratio Lower Upper  
106 100  
91 207.8 142.5 264.6

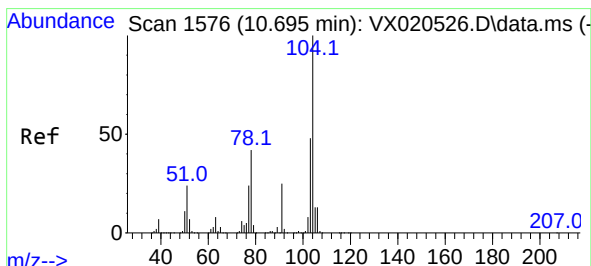
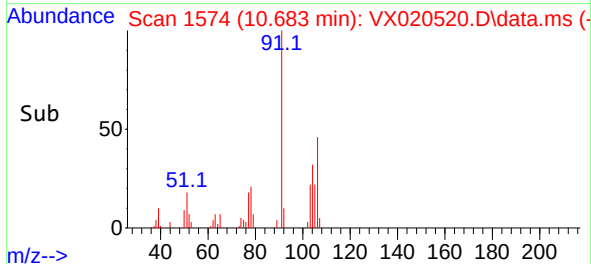
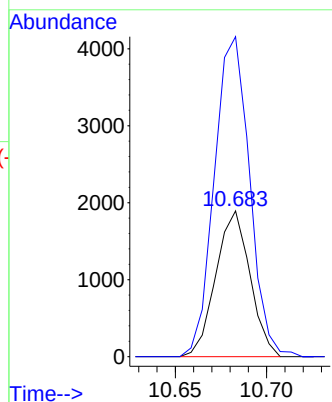
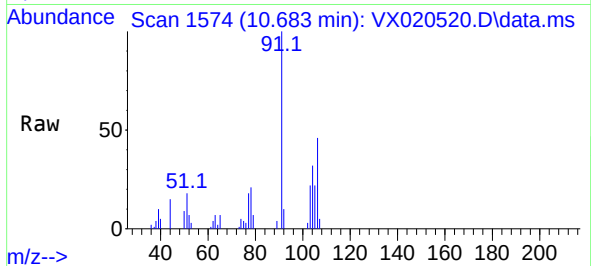




#54  
o-Xylene  
Concen: 0.56 ug/L  
RT: 10.683 min Scan# 1574  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

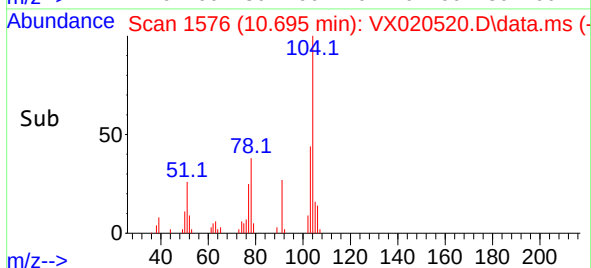
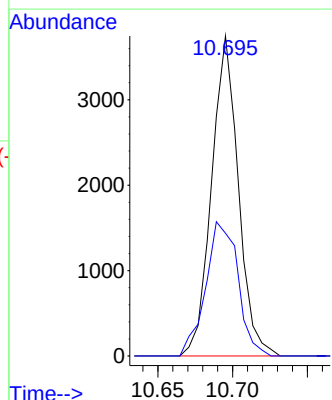
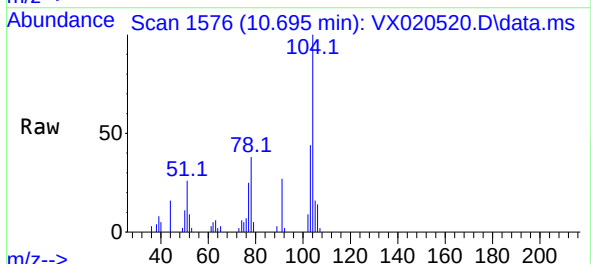
Instrument :  
MSVOA\_X  
ClientSampled :  
VIBLK

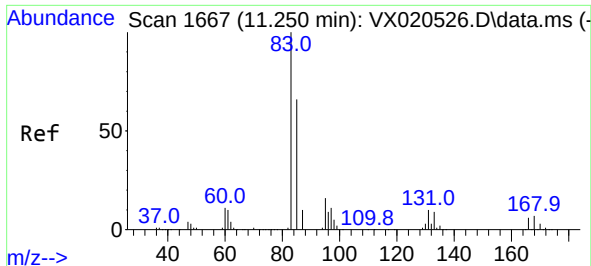
Tgt Ion:106 Resp: 2470  
Ion Ratio Lower Upper  
106 100  
91 219.6 156.2 290.0



#55  
Styrene  
Concen: 0.61 ug/L  
RT: 10.695 min Scan# 1576  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion:104 Resp: 4659  
Ion Ratio Lower Upper  
104 100  
78 38.3 30.0 55.6

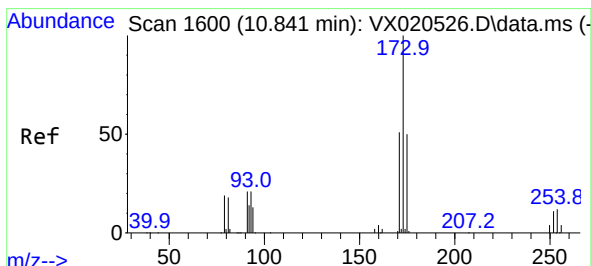
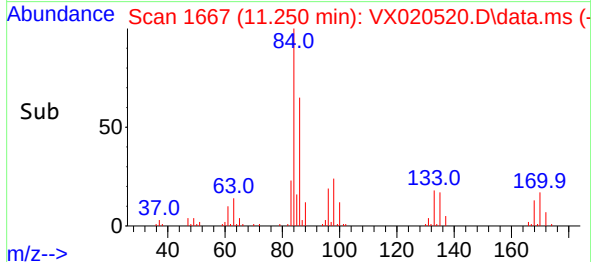
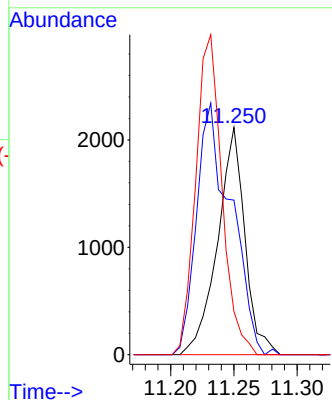
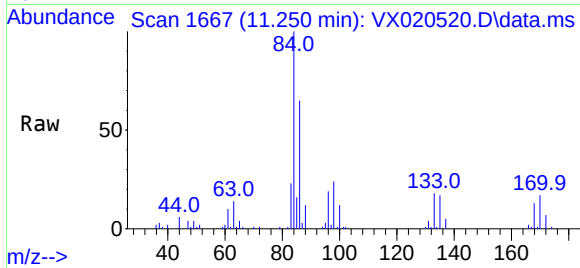




#57  
1,1,2,2-Tetrachloroethane  
Concen: 0.75 ug/L  
RT: 11.250 min Scan# 1667  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

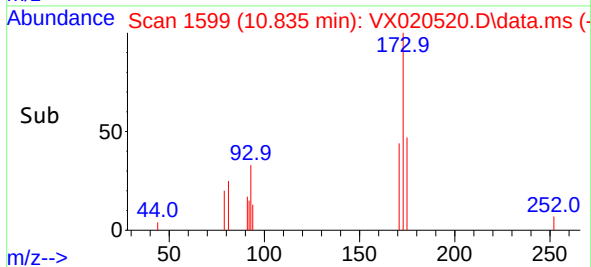
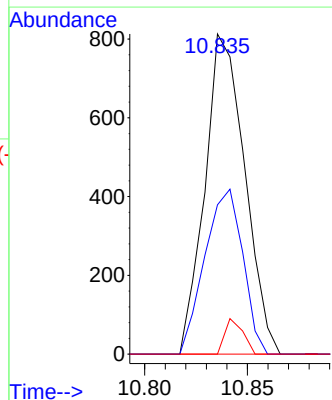
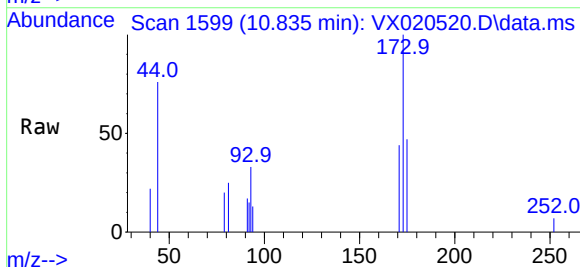
Instrument :  
MSVOA\_X  
ClientSampled :  
VIBLK

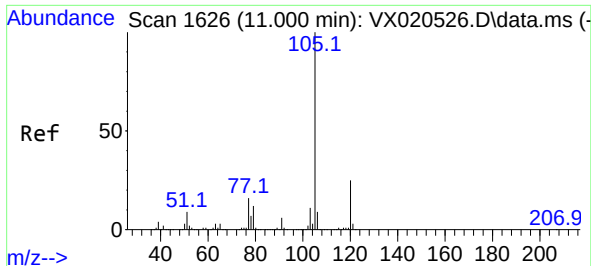
Tgt Ion: 83 Resp: 3180  
Ion Ratio Lower Upper  
83 100  
85 68.0 44.7 82.9  
131 19.0 7.8 11.8#



#59  
Bromoform  
Concen: 0.61 ug/L  
RT: 10.835 min Scan# 1599  
Delta R.T. -0.006 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion: 173 Resp: 1098  
Ion Ratio Lower Upper  
173 100  
175 49.1 39.4 59.2  
254 4.9 8.6 13.0#

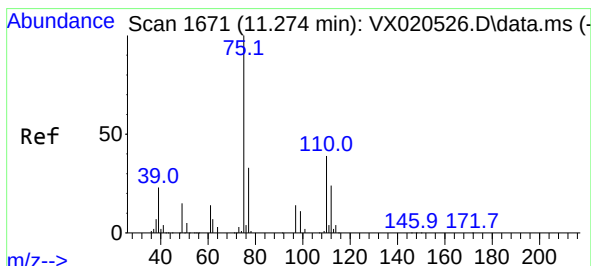
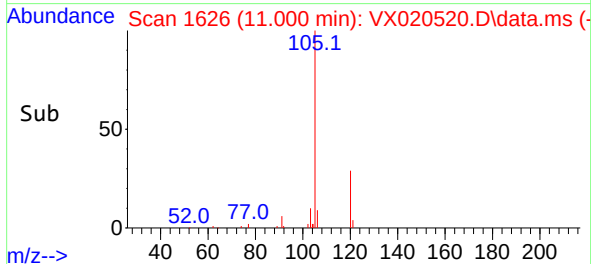
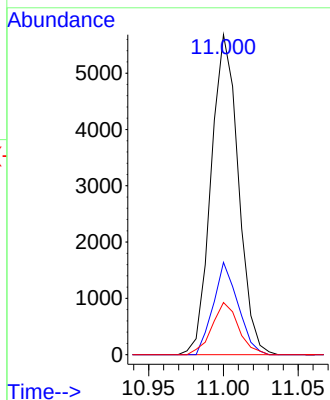
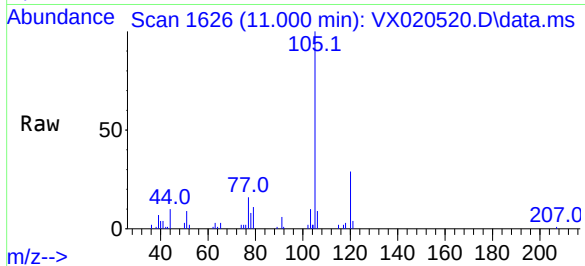




#60  
Isopropylbenzene  
Concen: 0.71 ug/L  
RT: 11.000 min Scan# 1626  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

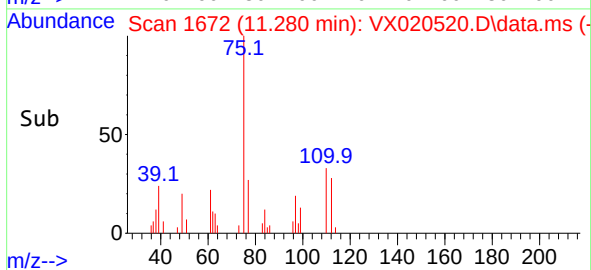
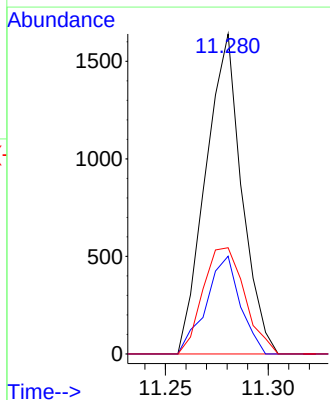
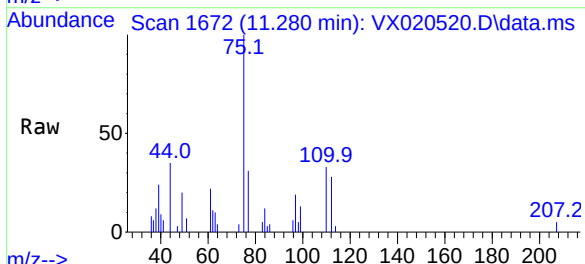
Instrument :  
MSVOA\_X  
ClientSampled :  
VIBLK

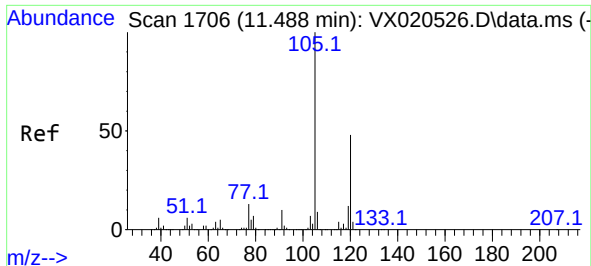
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 7212  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 26.2  | 21.2  | 31.8  |
| 77       | 15.9  | 12.6  | 18.8  |



#61  
1,2,3-Trichloropropane  
Concen: 0.65 ug/L  
RT: 11.280 min Scan# 1672  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 2002  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 28.9  | 26.2  | 39.2  |
| 110      | 38.5  | 31.8  | 47.8  |

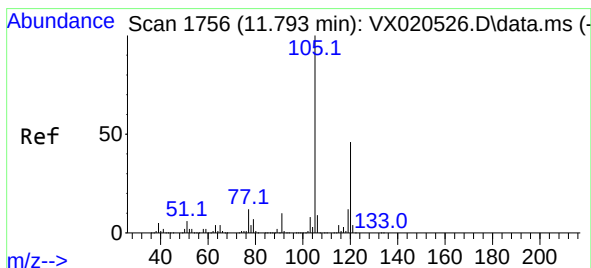
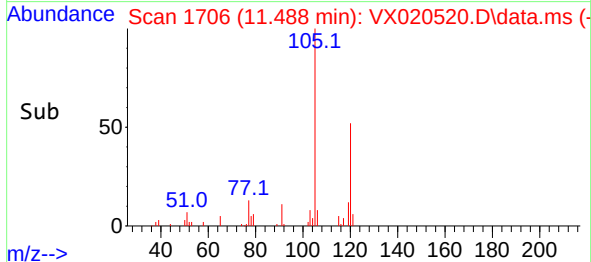
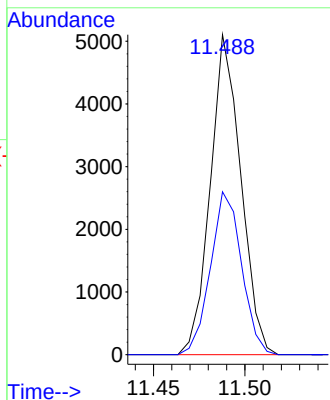
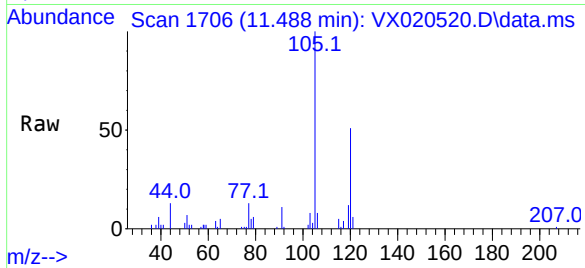




#62  
1,3,5-Trimethylbenzene  
Concen: 0.70 ug/L  
RT: 11.488 min Scan# 1706  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

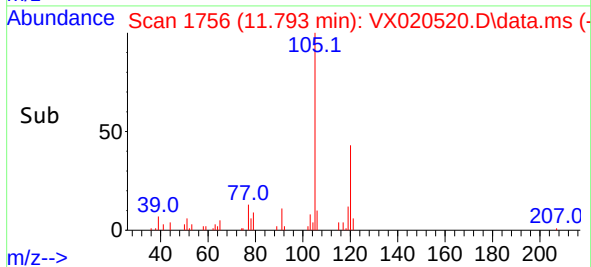
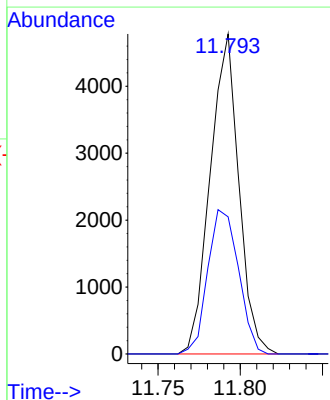
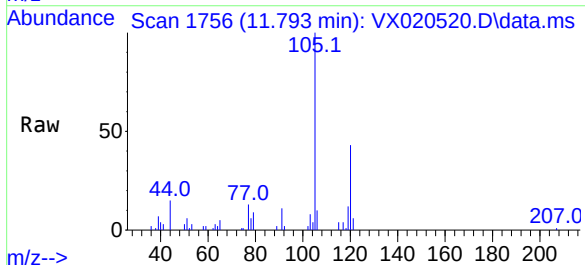
Instrument :  
MSVOA\_X  
ClientSampled :  
VIBLK

Tgt Ion:105 Resp: 5931  
Ion Ratio Lower Upper  
105 100  
120 52.0 38.0 57.0

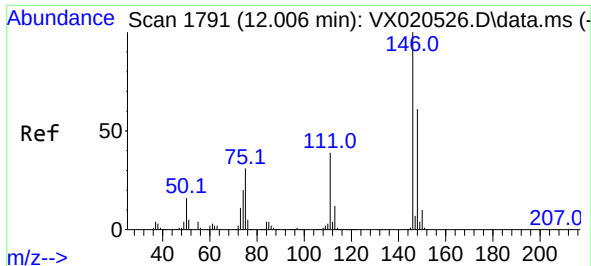


#63  
1,2,4-Trimethylbenzene  
Concen: 0.68 ug/L  
RT: 11.793 min Scan# 1756  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion:105 Resp: 5795  
Ion Ratio Lower Upper  
105 100  
120 48.6 36.4 54.6



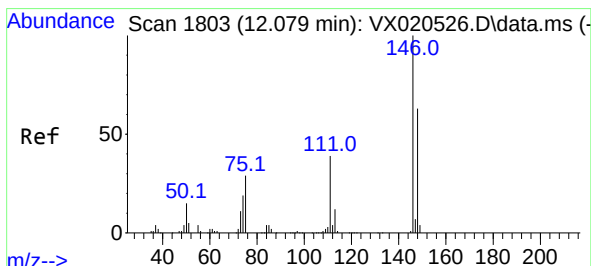
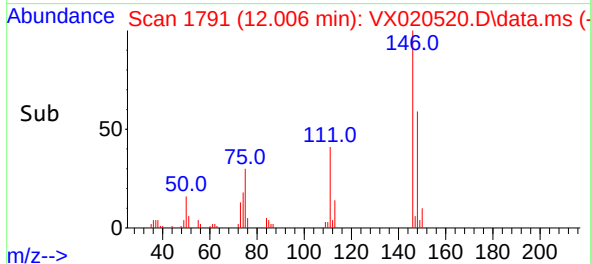
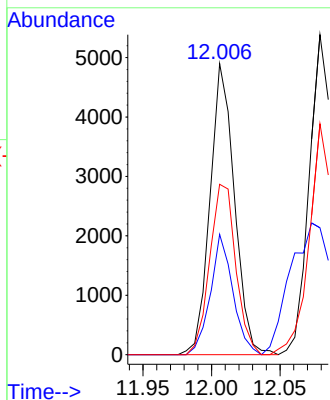
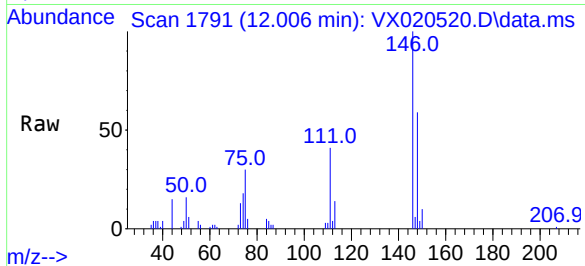




#64  
1,3-Dichlorobenzene  
Concen: 1.29 ug/L  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

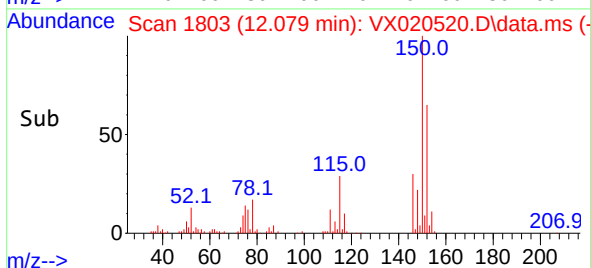
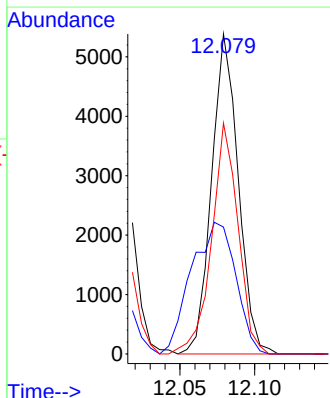
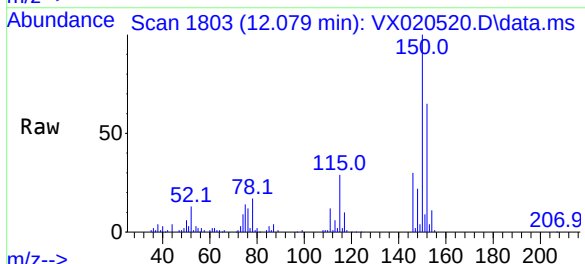
Instrument :  
MSVOA\_X  
ClientSampled :  
VIBLK

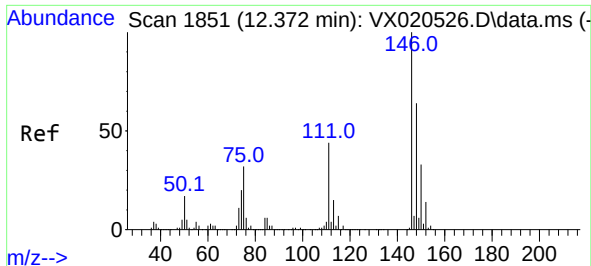
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 6058  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 41.3  | 28.9  | 53.7  |
| 148      | 58.5  | 47.7  | 88.7  |



#65  
1,4-Dichlorobenzene  
Concen: 1.42 ug/L  
RT: 12.079 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 6672  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 39.6  | 28.7  | 53.3  |
| 148      | 72.1  | 45.8  | 85.2  |

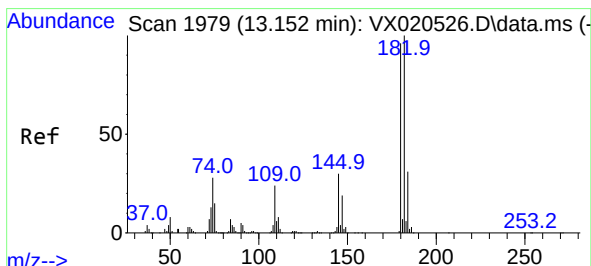
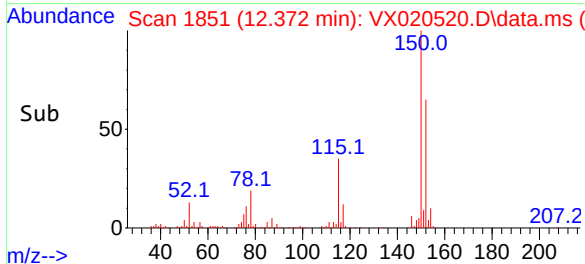
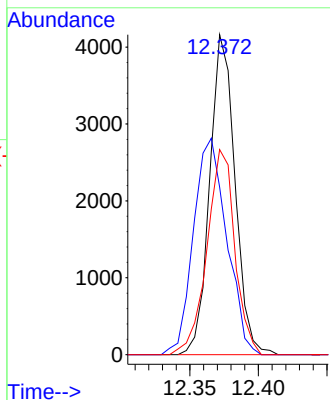
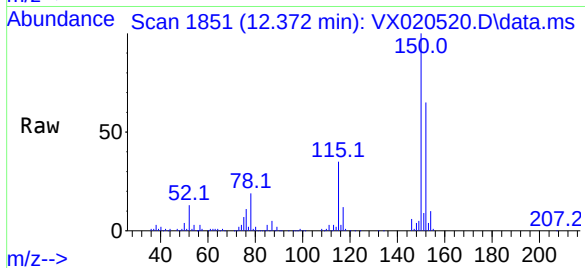




#67  
1,2-Dichlorobenzene  
Concen: 1.14 ug/L  
RT: 12.372 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

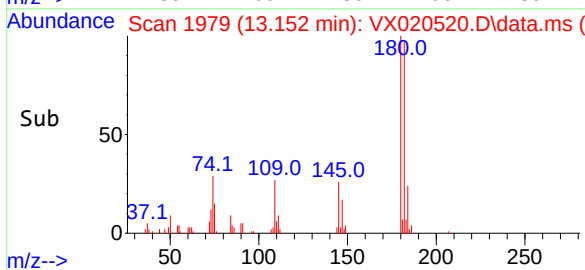
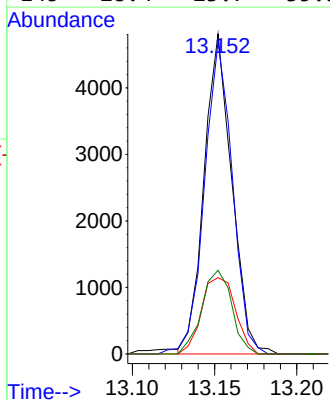
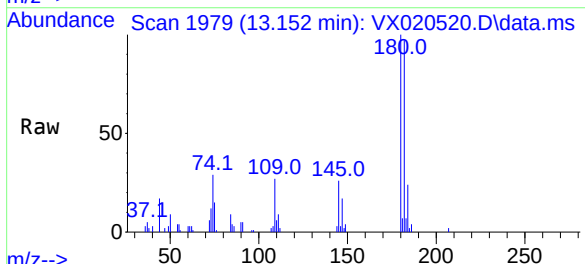
Instrument :  
MSVOA\_X  
ClientSampled :  
VIBLK

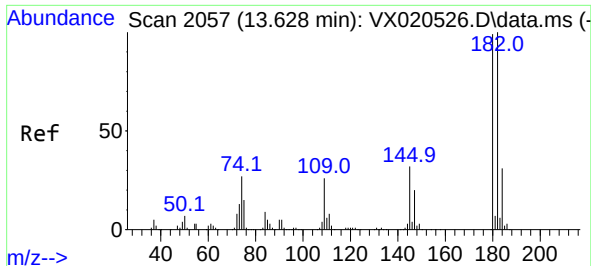
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 5335  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 52.3  | 33.8  | 50.8# |
| 148      | 64.1  | 51.4  | 77.2  |



#69  
1,3,5-Trichlorobenzene  
Concen: 1.71 ug/L  
RT: 13.152 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 5633  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 98.0  | 74.8  | 112.2 |
| 184      | 29.1  | 24.1  | 36.1  |
| 145      | 28.4  | 23.7  | 35.5  |

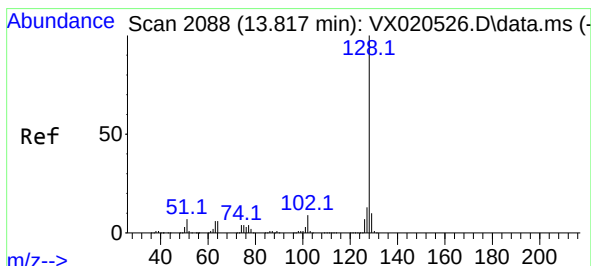
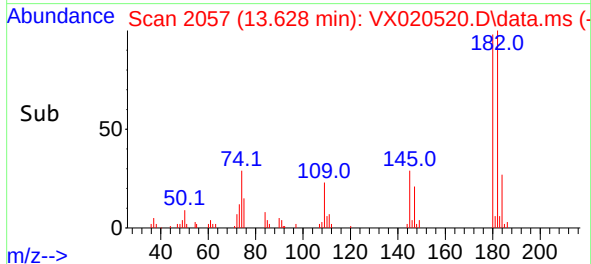
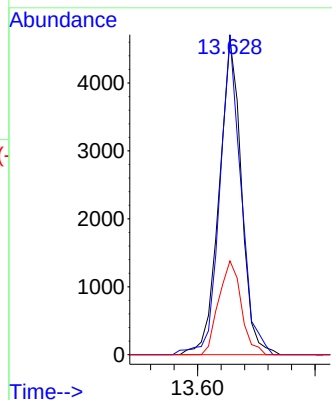
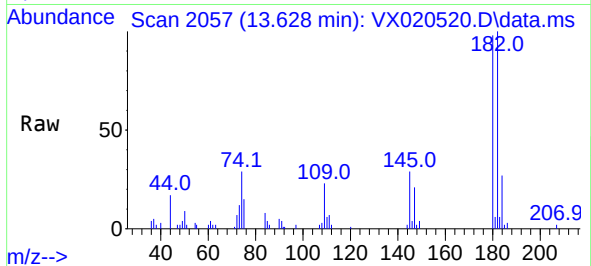




#70  
1,2,4-trichlorobenzene  
Concen: 2.16 ug/L  
RT: 13.628 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

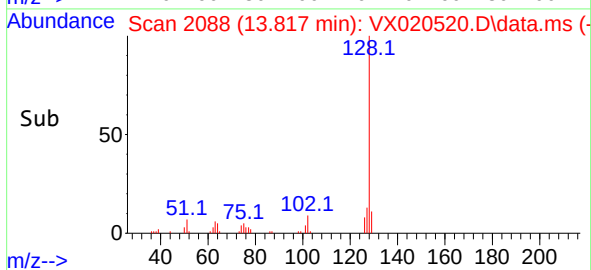
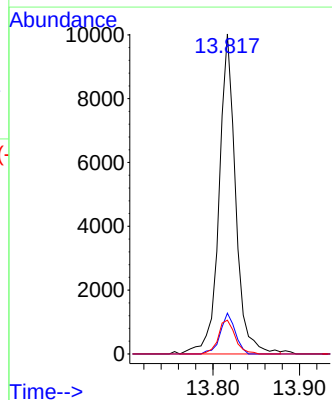
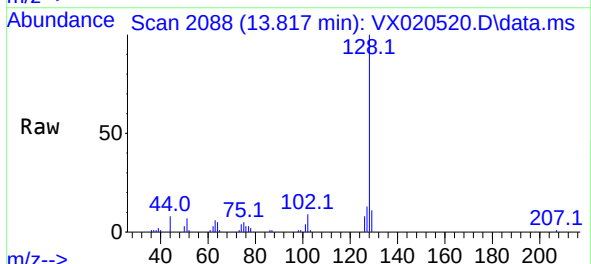
Instrument :  
MSVOA\_X  
ClientSampled :  
VIBLK

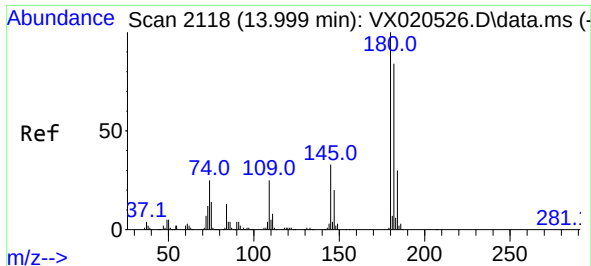
Tgt Ion:180 Resp: 6125  
Ion Ratio Lower Upper  
180 100  
182 96.3 74.3 111.5  
145 30.0 24.1 36.1



#71  
Naphthalene  
Concen: 1.40 ug/L  
RT: 13.817 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VX020520.D  
Acq: 06 Jan 2021 15:12

Tgt Ion:128 Resp: 13340  
Ion Ratio Lower Upper  
128 100  
127 11.4 10.2 15.2  
129 10.7 8.6 13.0





#72  
 1,2,3-Trichlorobenzene  
 Concen: 1.90 ug/L  
 RT: 13.999 min Scan# 2118  
 Delta R.T. 0.000 min  
 Lab File: VX020520.D  
 Acq: 06 Jan 2021 15:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VIBLK

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 5587  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 102.2 | 74.6  | 112.0 |
| 145      | 34.3  | 25.6  | 38.4  |

