

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042321\  
 Data File : VW018748.D  
 Acq On : 23 Apr 2021 10:44  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Apr 24 00:12:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 23 01:53:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 588765   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 532110   | 25.00    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 267833   | 25.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 157011   | 17.55    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 70.20%   |
| 7) Chloroethane-d5            | 2.892  | 69    | 137477   | 17.34    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.36%   |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 348901   | 22.45    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 89.80%   |
| 21) 2-Butanone-d5             | 7.074  | 46    | 95492    | 46.89    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 93.78%   |
| 24) Chloroform-d              | 7.647  | 84    | 394498   | 24.41    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 97.64%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 214585   | 23.62    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 94.48%   |
| 32) Benzene-d6                | 8.275  | 84    | 738630   | 23.66    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 94.64%   |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 225989   | 24.02    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 96.08%   |
| 41) Toluene-d8                | 10.323 | 98    | 684410   | 23.97    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 95.88%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 101376   | 25.31    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 101.24%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 81336    | 49.72    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 99.44%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 193101   | 24.58    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 98.32%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 235215   | 25.00    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 100.00%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.014  | 85    | 129785   | 23.16    | ug/L   | 96       |
| 3) Chloromethane              | 2.215  | 50    | 126937   | 16.58    | ug/L   | 99       |
| 5) Vinyl chloride             | 2.367  | 62    | 223129   | 20.22    | ug/L   | 98       |
| 6) Bromomethane               | 2.782  | 94    | 153226   | 17.43    | ug/L   | 96       |
| 8) Chloroethane               | 2.928  | 64    | 137207   | 19.49    | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 3.263  | 101   | 162406   | 26.28    | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101   | 203802   | 25.98    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 4.038  | 96    | 196784   | 25.42    | ug/L   | 99       |
| 13) Acetone                   | 4.129  | 43    | 74671    | 50.51    | ug/L   | 91       |
| 14) Carbon disulfide          | 4.385  | 76    | 540483   | 23.46    | ug/L   | 99       |
| 15) Methyl Acetate            | 4.672  | 43    | 77376    | 22.95    | ug/L   | 95       |
| 16) Methylene chloride        | 4.916  | 84    | 209528   | 21.71    | ug/L   | 93       |
| 17) trans-1,2-Dichloroethene  | 5.422  | 96    | 211130   | 25.36    | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 5.422  | 73    | 290744   | 26.11    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 6.214  | 63    | 378040   | 24.69    | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 226547   | 25.58    | ug/L   | 97       |
| 22) 2-Butanone                | 7.171  | 43    | 103117   | 45.90    | ug/L   | 94       |
| 23) Bromochloromethane        | 7.513  | 128   | 96933    | 25.28    | ug/L   | 93       |
| 25) Chloroform                | 7.671  | 83    | 398090   | 25.62    | ug/L   | 99       |

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 ALS Vial : 2 Sample Multiplier: 1

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 MSVOA\_W  
 ClientSampleId :

Quant Time: Apr 24 00:12:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 23 01:53:36 2021  
 Response via : Initial Calibration

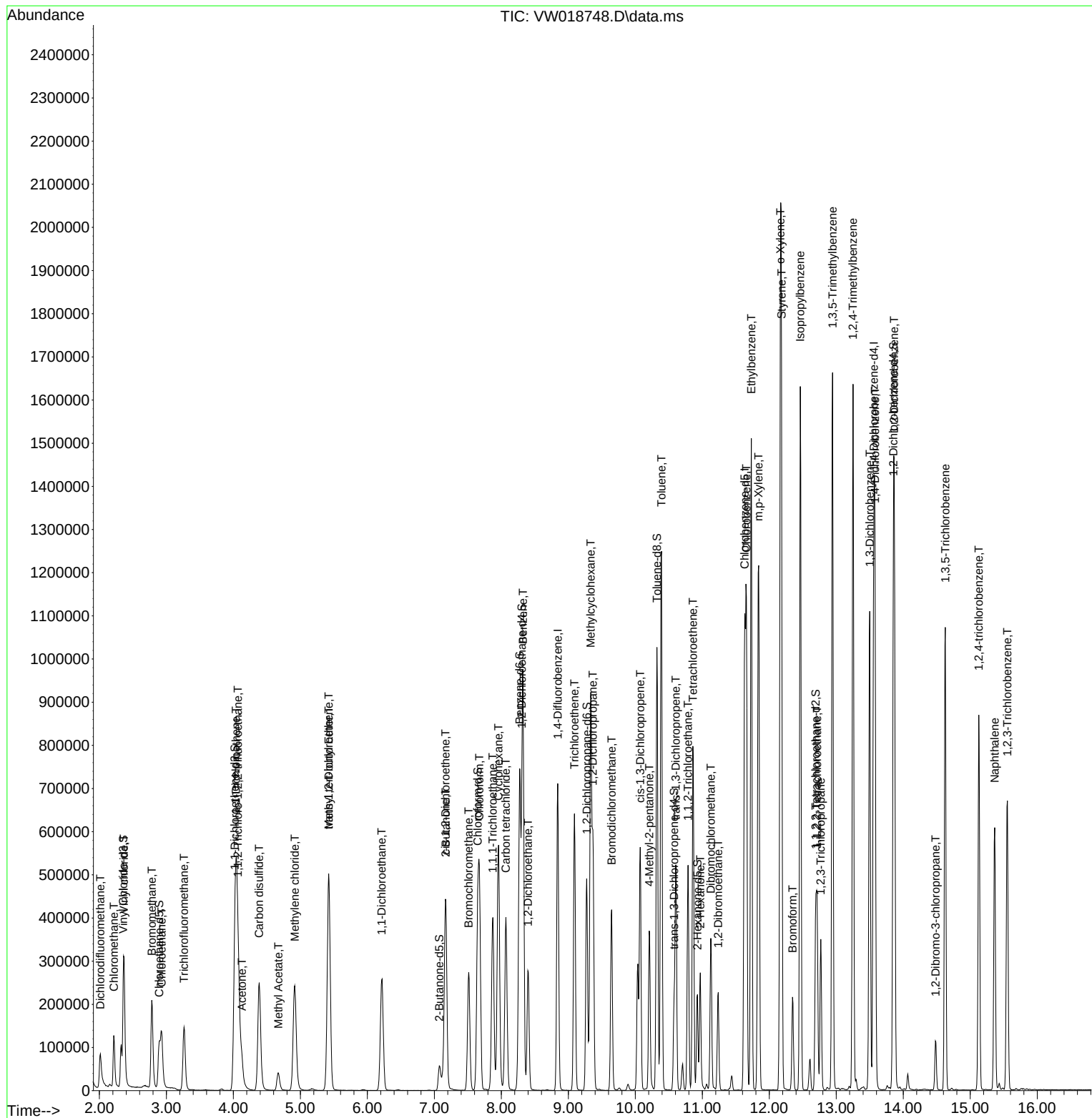
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 256244   | 24.23 | ug/L  | 100      |
| 29) Cyclohexane               | 7.958  | 56   | 327039   | 24.96 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 325342   | 27.94 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 296562   | 28.25 | ug/L  | 98       |
| 33) Benzene                   | 8.324  | 78   | 847839   | 25.37 | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 225679   | 26.23 | ug/L  | 95       |
| 35) Methylcyclohexane         | 9.336  | 83   | 388225   | 25.96 | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 207906   | 24.57 | ug/L  | 98       |
| 38) Bromodichloromethane      | 9.646  | 83   | 279982   | 26.01 | ug/L  | 95       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 331312   | 26.38 | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 226428   | 43.57 | ug/L  | 94       |
| 42) Toluene                   | 10.390 | 91   | 941533   | 26.25 | ug/L  | 96       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 291584   | 26.60 | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 159981   | 25.49 | ug/L  | 97       |
| 46) Tetrachloroethene         | 10.860 | 164  | 167438   | 27.54 | ug/L  | 94       |
| 48) 2-Hexanone                | 10.969 | 43   | 160203   | 48.77 | ug/L  | 93       |
| 49) Dibromochloromethane      | 11.128 | 129  | 181240   | 27.10 | ug/L  | 95       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 152705   | 25.57 | ug/L  | 94       |
| 51) Chlorobenzene             | 11.658 | 112  | 571751   | 25.89 | ug/L  | 99       |
| 52) Ethylbenzene              | 11.731 | 91   | 1057897  | 26.70 | ug/L  | 97       |
| 53) m,p-Xylene                | 11.841 | 106  | 391315   | 26.92 | ug/L  | 96       |
| 54) o-Xylene                  | 12.164 | 106  | 373042   | 26.73 | ug/L  | 93       |
| 55) Styrene                   | 12.183 | 104  | 640374   | 26.53 | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 188038   | 24.06 | ug/L  | 98       |
| 59) Bromoform                 | 12.347 | 173  | 93926    | 24.60 | ug/L  | 97       |
| 60) Isopropylbenzene          | 12.463 | 105  | 1029291  | 26.13 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 140217   | 22.91 | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 862726   | 26.44 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 869119   | 26.69 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 433508   | 25.97 | ug/L  | 87       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 430538   | 25.50 | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 387173   | 25.21 | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 29506    | 23.20 | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 317691   | 26.66 | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 262196   | 27.03 | ug/L  | 100      |
| 71) Naphthalene               | 15.365 | 128  | 507318   | 24.82 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 226058   | 26.40 | ug/L  | 97       |

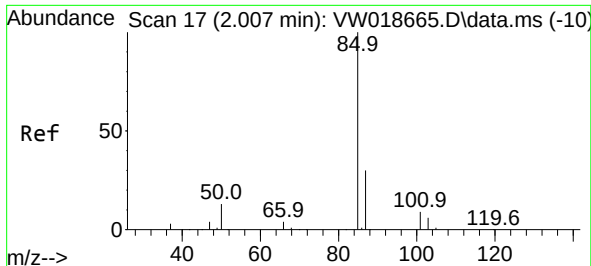
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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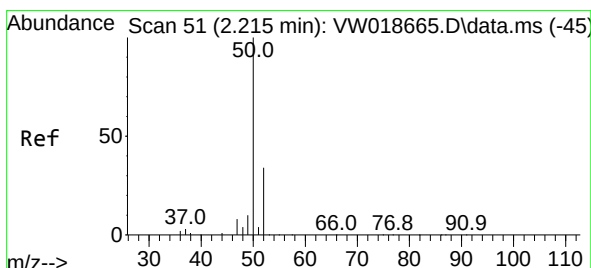
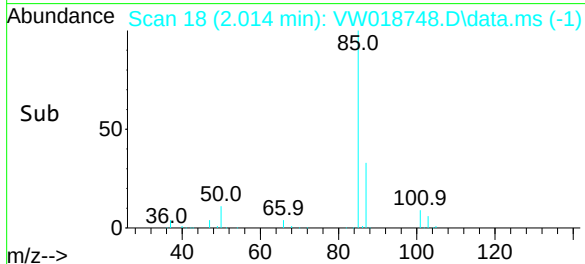
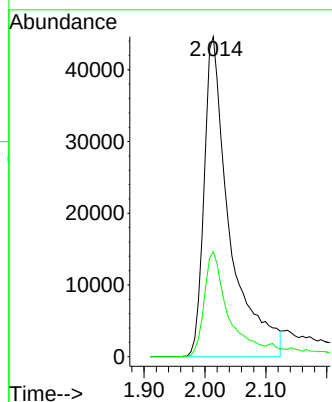
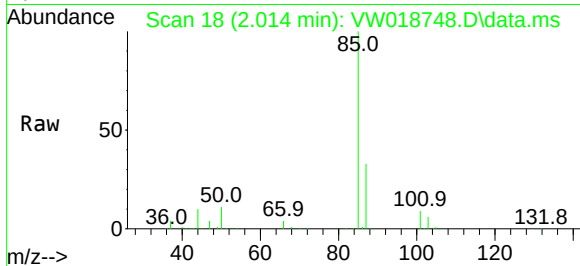




#2  
Dichlorodifluoromethane  
Concen: 23.16 ug/L  
RT: 2.014 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

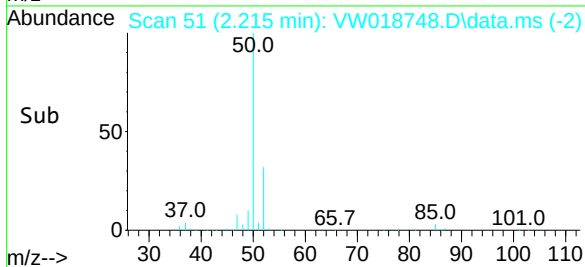
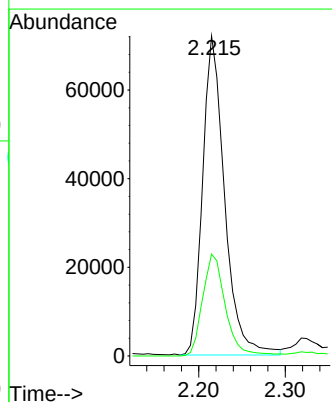
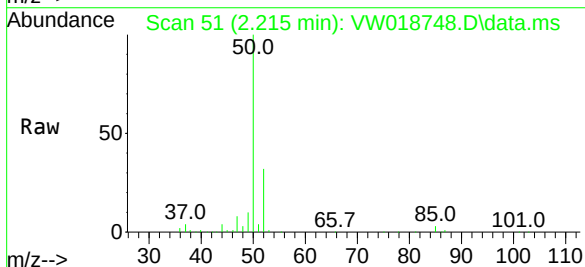
Instrument :  
MSVOA\_W  
ClientSampled :

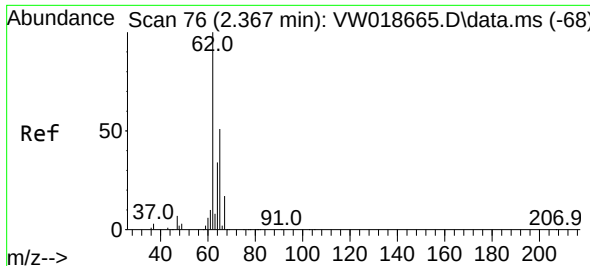
Tgt Ion: 85 Resp: 129785  
Ion Ratio Lower Upper  
85 100  
87 31.1 23.3 34.9



#3  
Chloromethane  
Concen: 16.58 ug/L  
RT: 2.215 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion: 50 Resp: 126937  
Ion Ratio Lower Upper  
50 100  
52 31.8 22.5 41.9

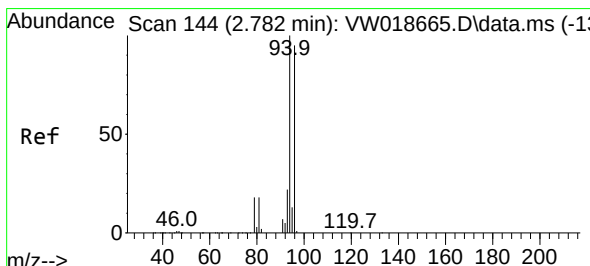
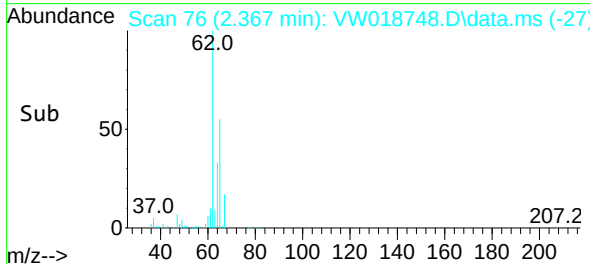
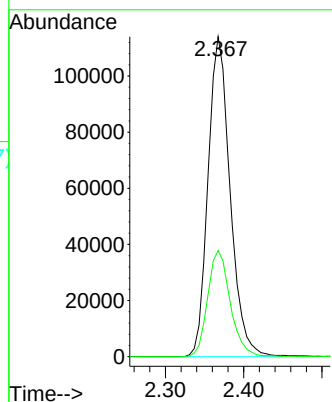
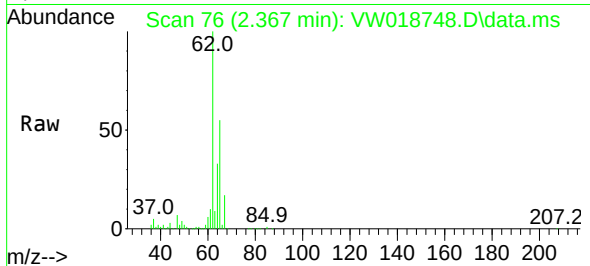




#5  
 Vinyl chloride  
 Concen: 20.22 ug/L  
 RT: 2.367 min Scan# 76  
 Delta R.T. 0.000 min  
 Lab File: VW018748.D  
 Acq: 23 Apr 2021 10:44

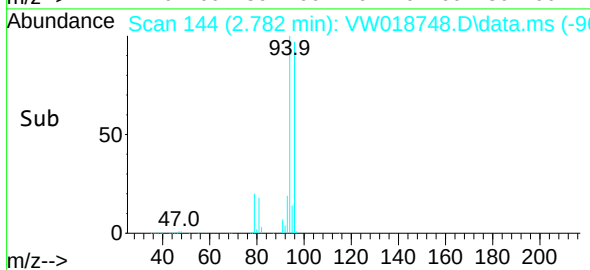
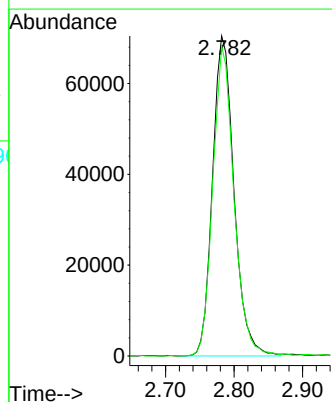
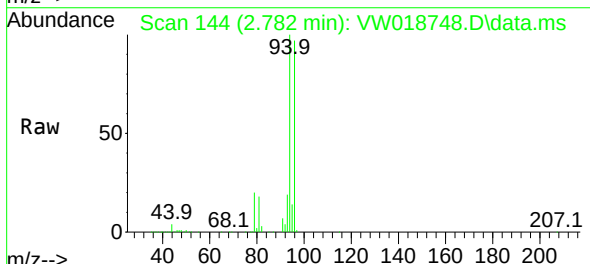
Instrument :  
 MSVOA\_W  
 ClientSampled :

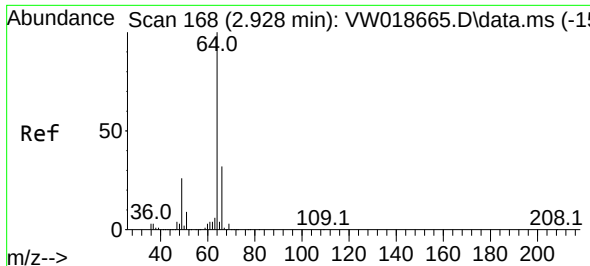
Tgt Ion: 62 Resp: 223129  
 Ion Ratio Lower Upper  
 62 100  
 64 33.2 24.2 45.0



#6  
 Bromomethane  
 Concen: 17.43 ug/L  
 RT: 2.782 min Scan# 144  
 Delta R.T. -0.006 min  
 Lab File: VW018748.D  
 Acq: 23 Apr 2021 10:44

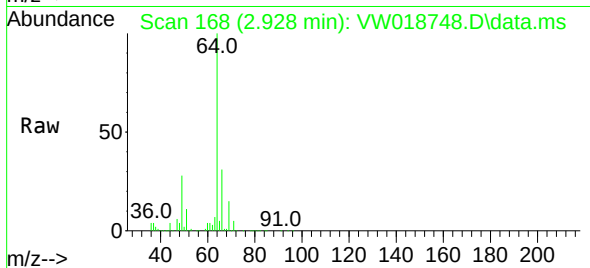
Tgt Ion: 94 Resp: 153226  
 Ion Ratio Lower Upper  
 94 100  
 96 96.8 65.3 121.3



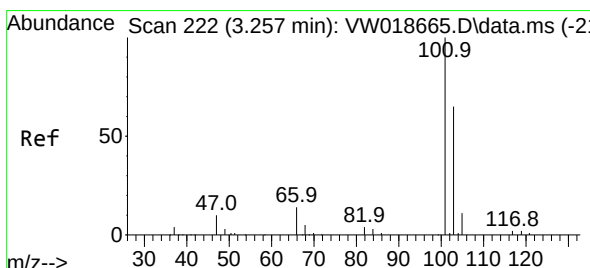
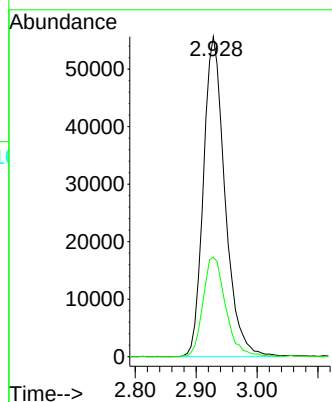
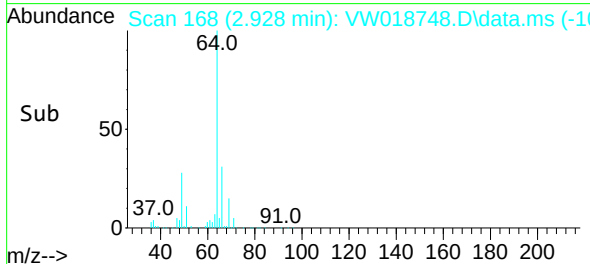


#8  
Chloroethane  
Concen: 19.49 ug/L  
RT: 2.928 min Scan# 168  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

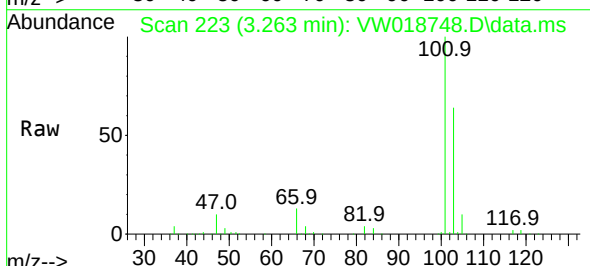
Instrument :  
MSVOA\_W  
ClientSampled :



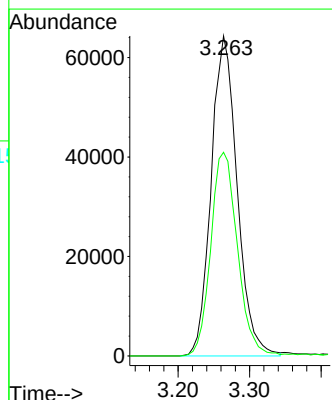
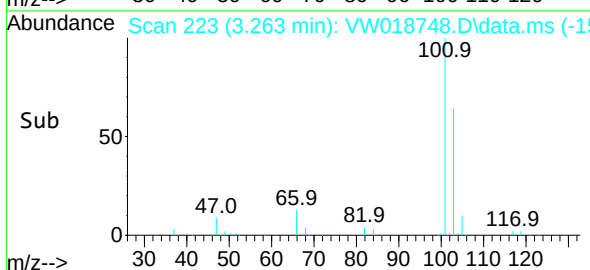
Tgt Ion: 64 Resp: 137207  
Ion Ratio Lower Upper  
64 100  
66 31.1 23.4 43.6

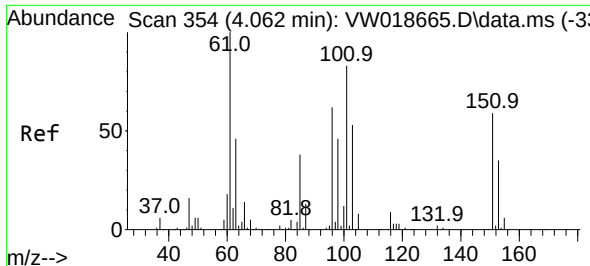


#9  
Trichlorofluoromethane  
Concen: 26.28 ug/L  
RT: 3.263 min Scan# 223  
Delta R.T. -0.006 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44



Tgt Ion: 101 Resp: 162406  
Ion Ratio Lower Upper  
101 100  
103 65.3 51.0 76.4

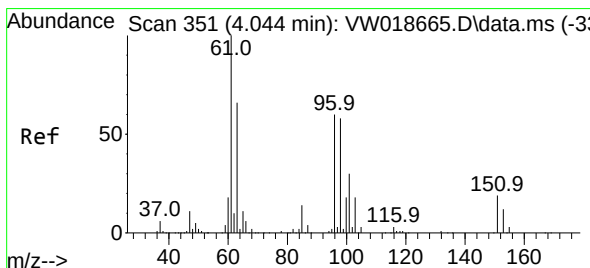
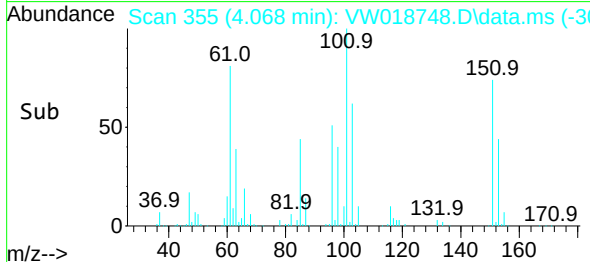
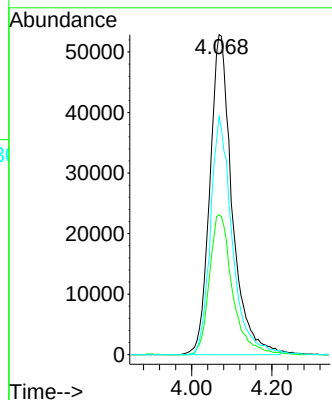
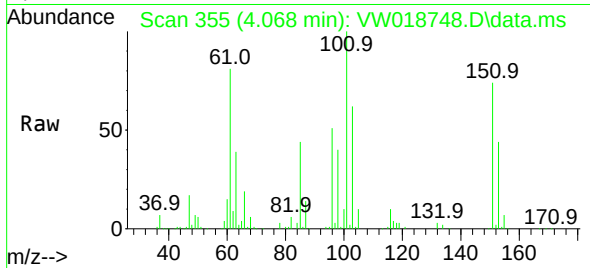




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 25.98 ug/L  
RT: 4.068 min Scan# 355  
Delta R.T. -0.006 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

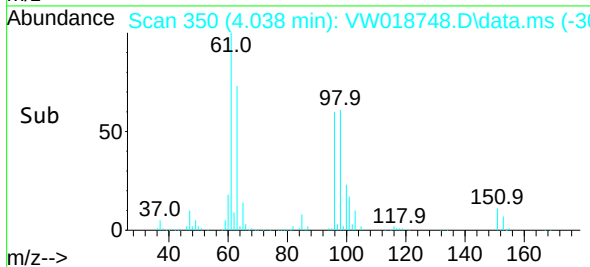
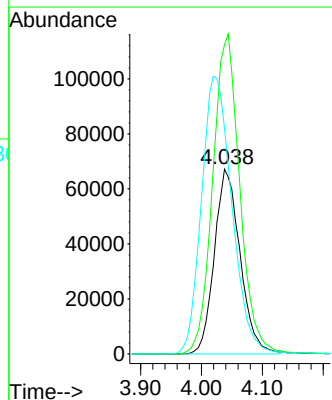
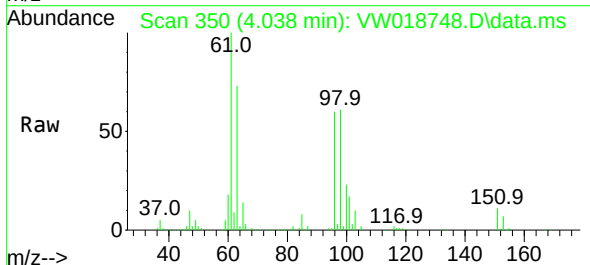
Instrument :  
MSVOA\_W  
ClientSampled :

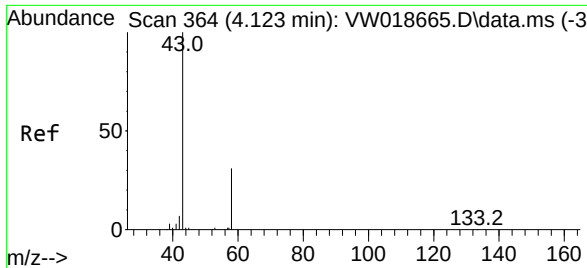
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Ion Ratio Lower Upper  
101 100  
85 45.0 38.2 57.2  
151 71.5 56.6 85.0



#12  
1,1-Dichloroethene  
Concen: 25.42 ug/L  
RT: 4.038 min Scan# 350  
Delta R.T. -0.006 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion: 96 Resp: 196784  
Ion Ratio Lower Upper  
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61 167.4 118.1 219.3  
63 122.1 83.7 155.5

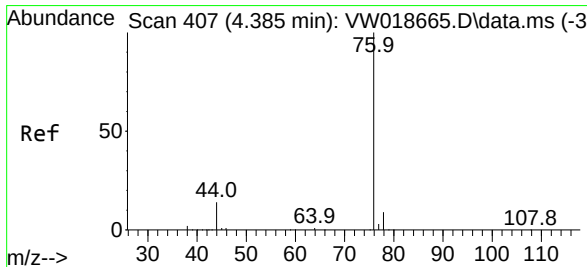
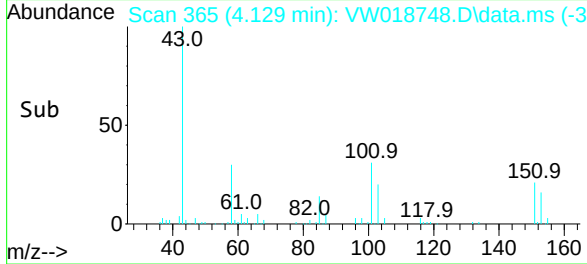
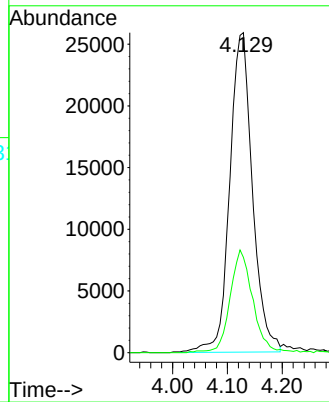
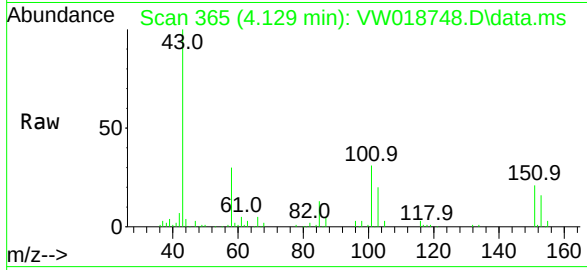




#13  
Acetone  
Concen: 50.51 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.012 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

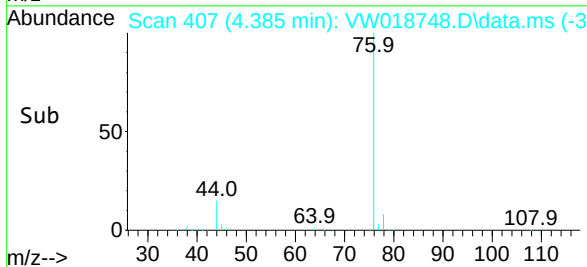
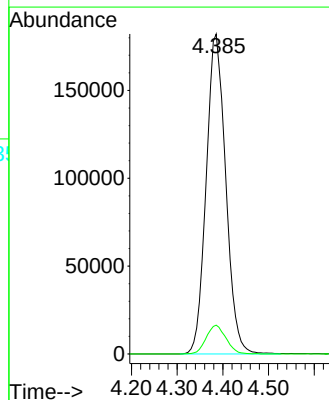
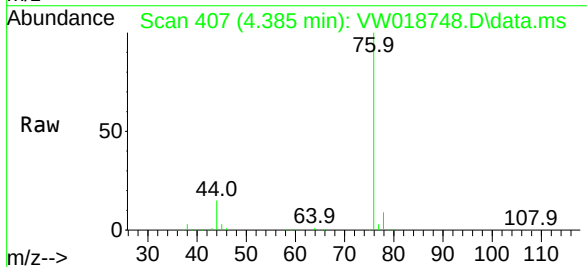
Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 43 Resp: 74671  
Ion Ratio Lower Upper  
43 100  
58 31.5 0.0 53.8

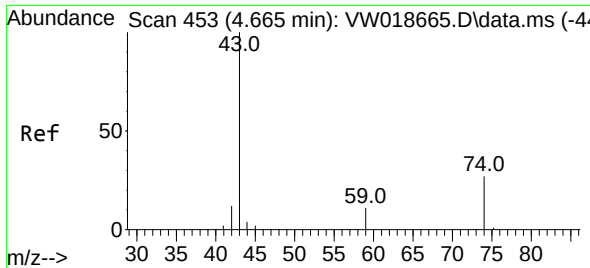


#14  
Carbon disulfide  
Concen: 23.46 ug/L  
RT: 4.385 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion: 76 Resp: 540483  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.0



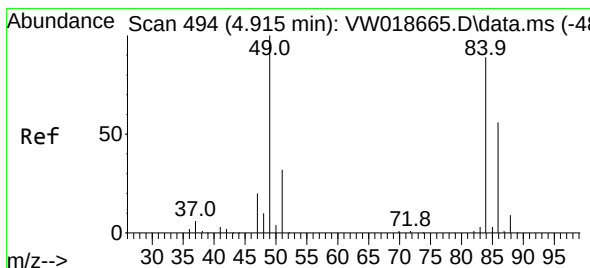
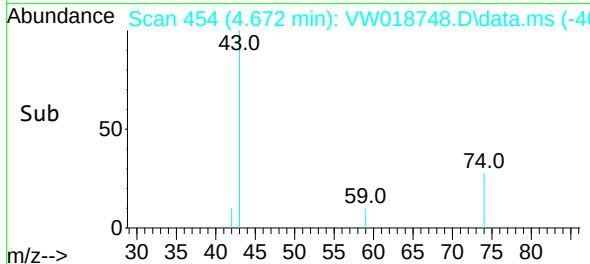
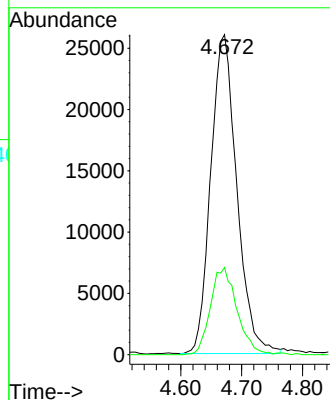
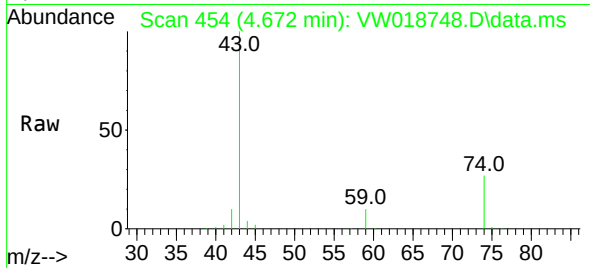




#15  
Methyl Acetate  
Concen: 22.95 ug/L  
RT: 4.672 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

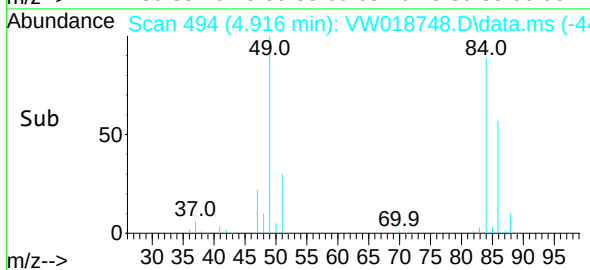
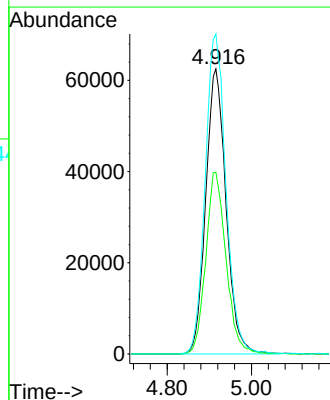
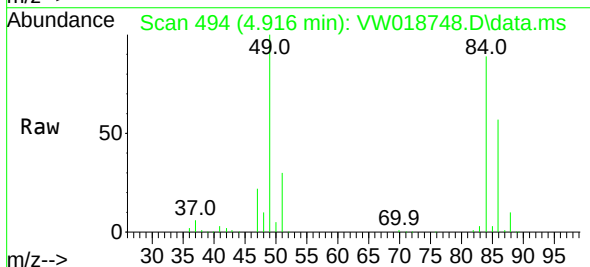
Instrument :  
MSVOA\_W  
ClientSampled :

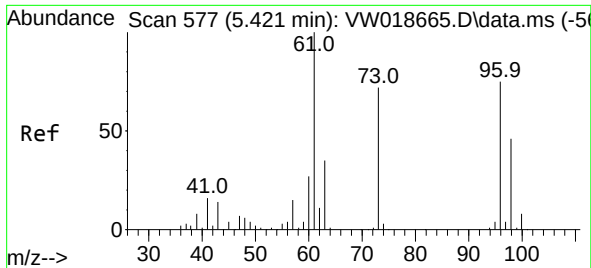
Tgt Ion: 43 Resp: 77376  
Ion Ratio Lower Upper  
43 100  
74 27.7 20.0 30.0



#16  
Methylene chloride  
Concen: 21.71 ug/L  
RT: 4.916 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

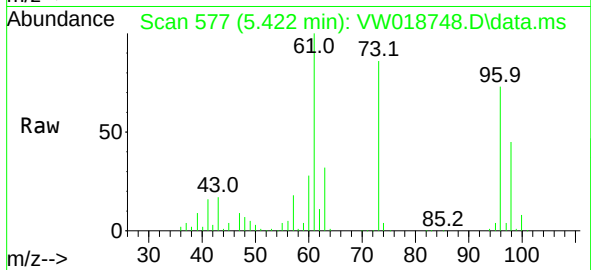
Tgt Ion: 84 Resp: 209528  
Ion Ratio Lower Upper  
84 100  
86 63.8 45.3 84.1  
49 112.3 86.6 160.8





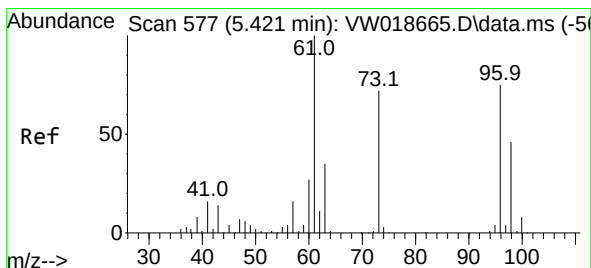
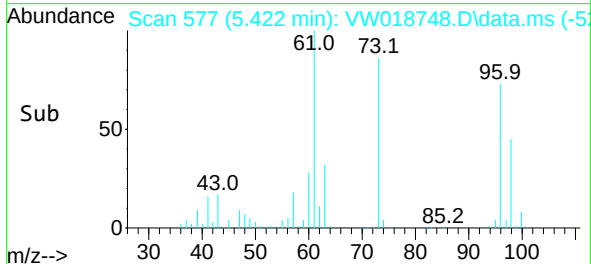
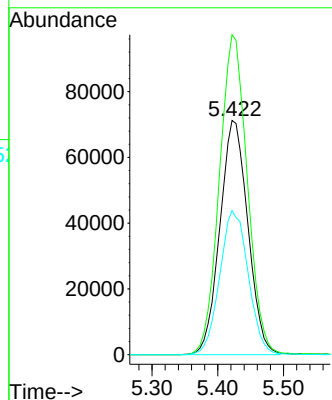
#17  
 trans-1,2-Dichloroethene  
 Concen: 25.36 ug/L  
 RT: 5.422 min Scan# 577  
 Delta R.T. 0.000 min  
 Lab File: VW018748.D  
 Acq: 23 Apr 2021 10:44

Instrument :  
 MSVOA\_W  
 ClientSampled :



Tgt Ion: 96 Resp: 211130  

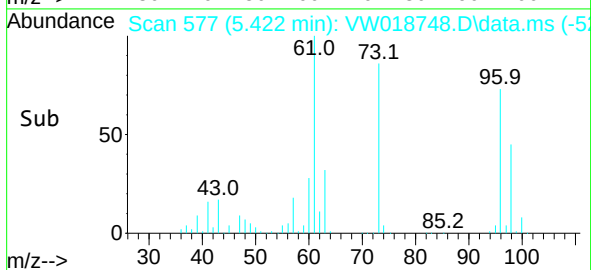
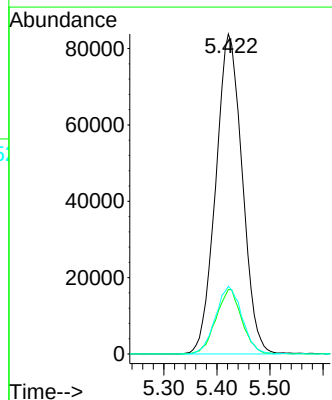
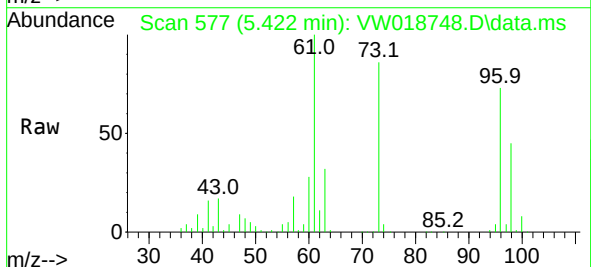
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 136.7 | 98.3  | 182.7 |
| 98  | 61.5  | 46.1  | 85.7  |

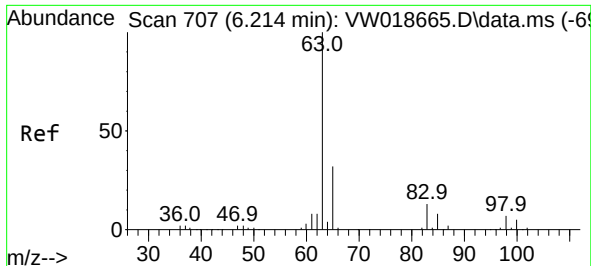


#18  
 Methyl tert-butyl Ether  
 Concen: 26.11 ug/L  
 RT: 5.422 min Scan# 577  
 Delta R.T. -0.006 min  
 Lab File: VW018748.D  
 Acq: 23 Apr 2021 10:44

Tgt Ion: 73 Resp: 290744  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 19.4  | 17.7  | 26.5  |
| 57  | 21.0  | 17.0  | 25.4  |





#19

1,1-Dichloroethane

Concen: 24.69 ug/L

RT: 6.214 min Scan# 707

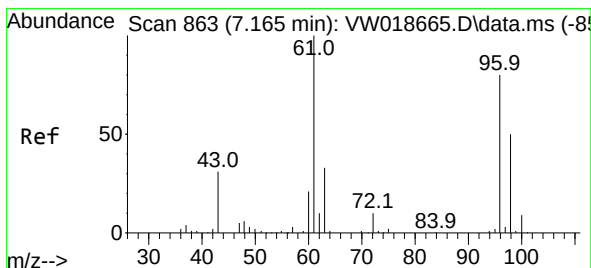
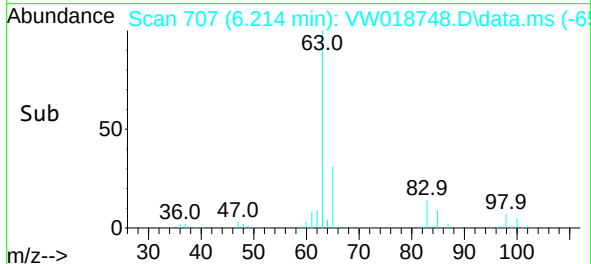
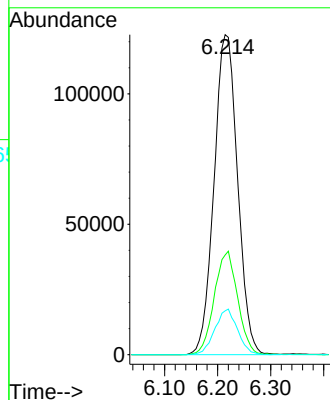
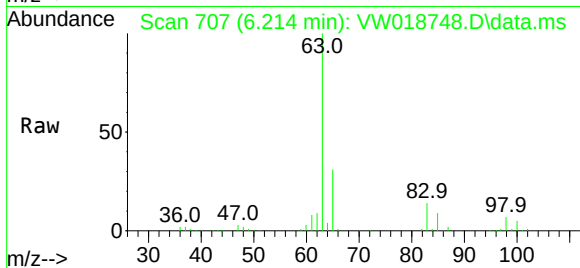
Delta R.T. -0.006 min

Lab File: VW018748.D

Acq: 23 Apr 2021 10:44

Tgt Ion: 63 Resp: 378040

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 31.2  | 22.9  | 42.5  |
| 83  | 13.7  | 10.2  | 19.0  |



#20

cis-1,2-Dichloroethene

Concen: 25.58 ug/L

RT: 7.165 min Scan# 863

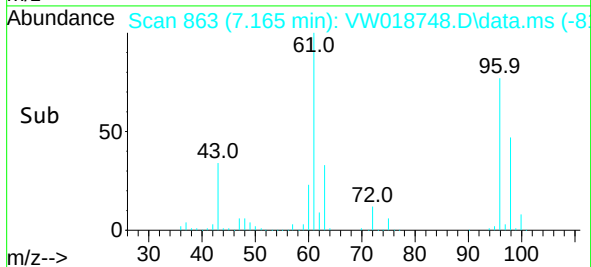
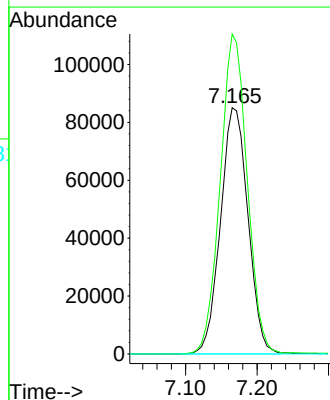
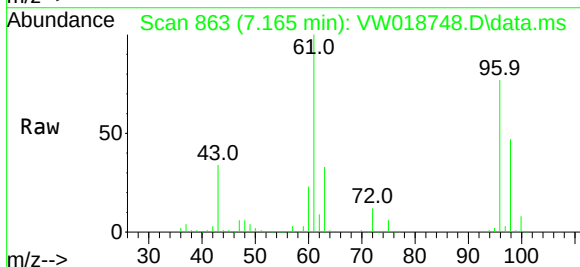
Delta R.T. -0.006 min

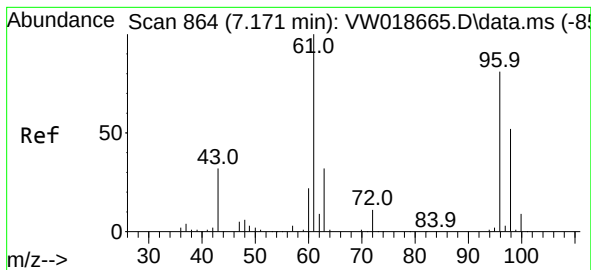
Lab File: VW018748.D

Acq: 23 Apr 2021 10:44

Tgt Ion: 96 Resp: 226547

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 129.9 | 88.5  | 164.3 |
| 68  | 0.0   | 0.0   | 0.0   |

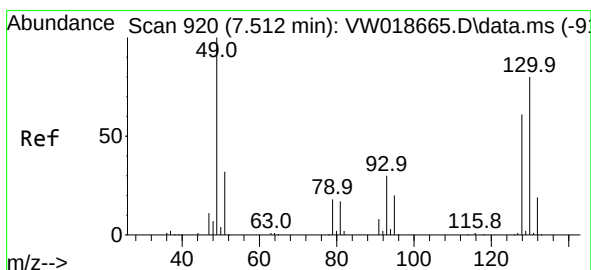
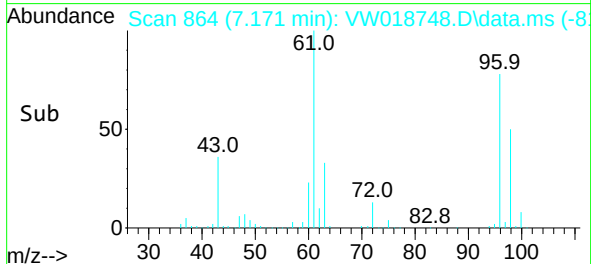
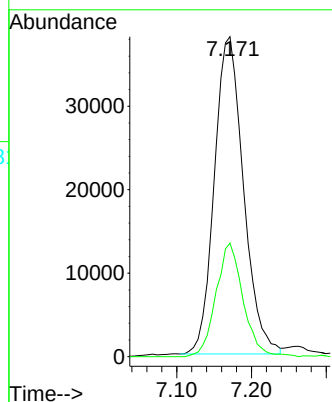
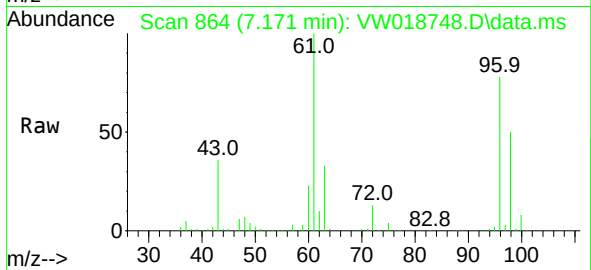




#22  
2-Butanone  
Concen: 45.90 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

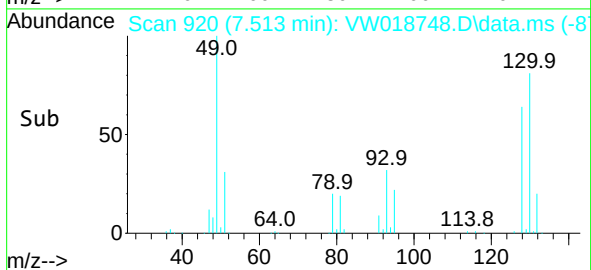
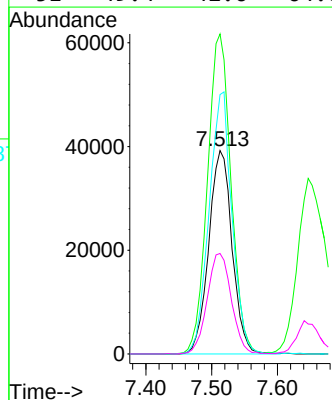
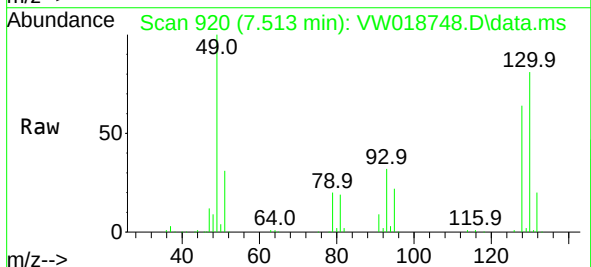
Instrument :  
MSVOA\_W  
ClientSampled :

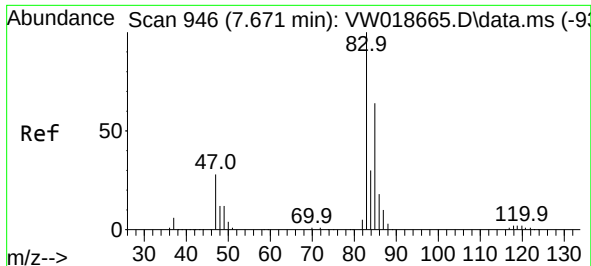
Tgt Ion: 43 Resp: 103117  
Ion Ratio Lower Upper  
43 100  
72 33.0 14.9 44.7



#23  
Bromochloromethane  
Concen: 25.28 ug/L  
RT: 7.513 min Scan# 920  
Delta R.T. -0.006 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion: 128 Resp: 96933  
Ion Ratio Lower Upper  
128 100  
49 157.4 116.3 215.9  
130 127.6 82.4 153.0  
51 49.4 42.6 64.0

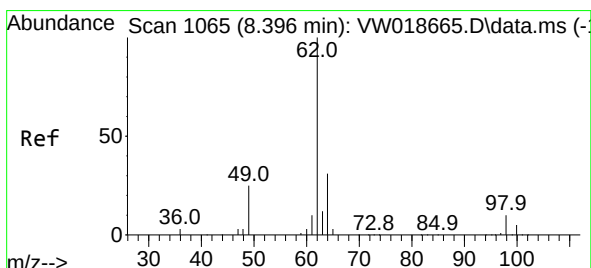
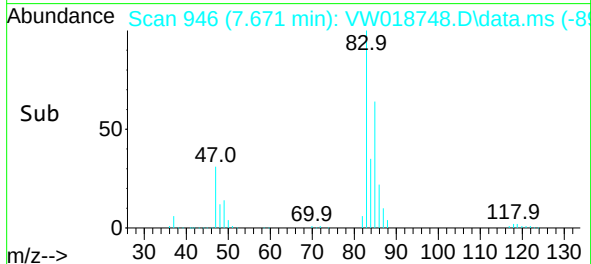
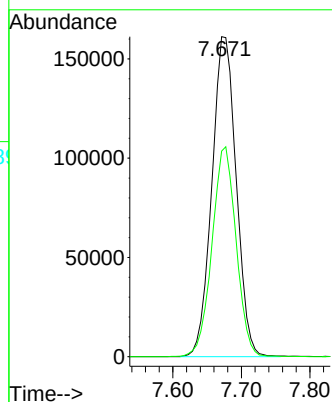
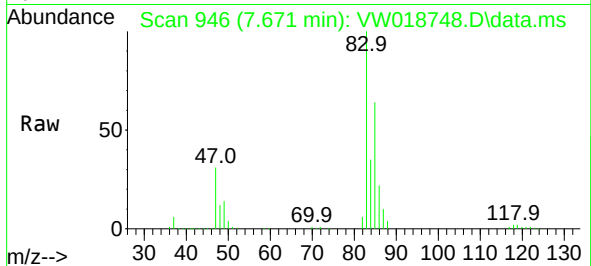




#25  
Chloroform  
Concen: 25.62 ug/L  
RT: 7.671 min Scan# 946  
Delta R.T. -0.006 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

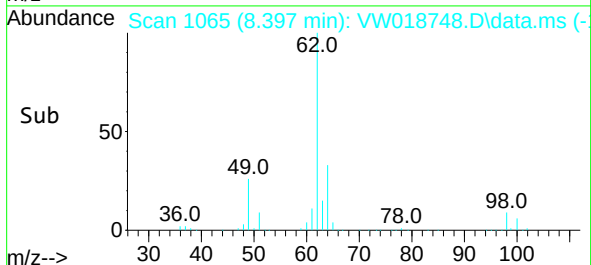
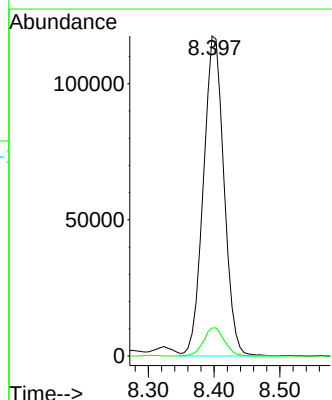
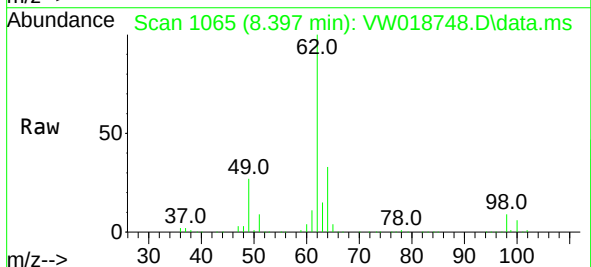
Instrument :  
MSVOA\_W  
ClientSampled :

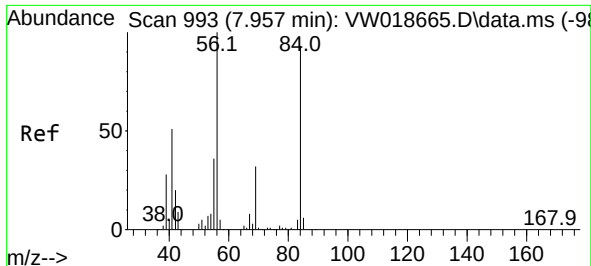
Tgt Ion: 83 Resp: 398090  
Ion Ratio Lower Upper  
83 100  
85 64.3 44.6 82.8



#27  
1,2-Dichloroethane  
Concen: 24.23 ug/L  
RT: 8.397 min Scan# 1065  
Delta R.T. -0.006 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion: 62 Resp: 256244  
Ion Ratio Lower Upper  
62 100  
98 8.7 6.9 10.3





#29

Cyclohexane

Concen: 24.96 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

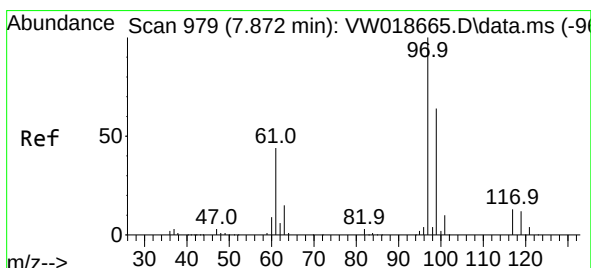
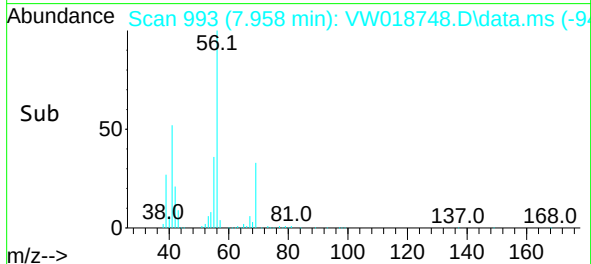
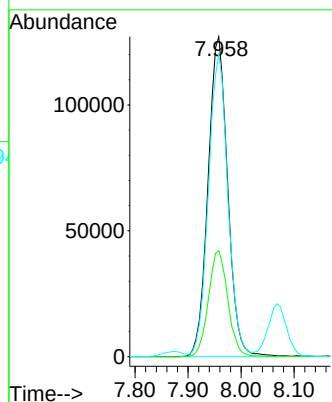
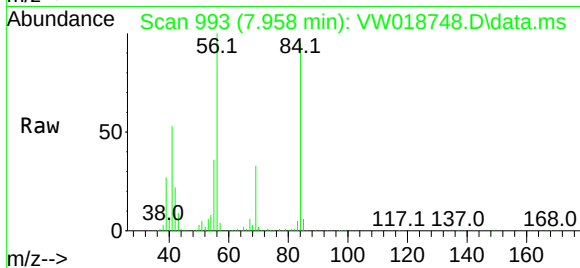
Lab File: VW018748.D

Acq: 23 Apr 2021 10:44

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 56 Resp: 327039

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.8  | 24.5  | 36.7  |
| 84  | 93.7  | 75.0  | 112.4 |



#30

1,1,1-Trichloroethane

Concen: 27.94 ug/L

RT: 7.872 min Scan# 979

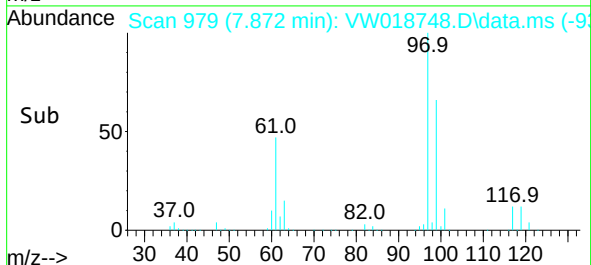
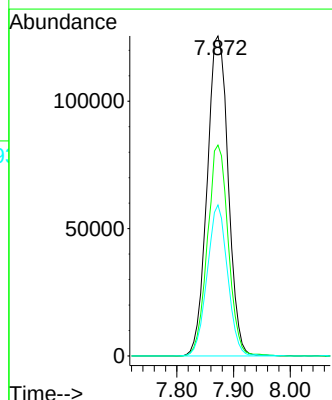
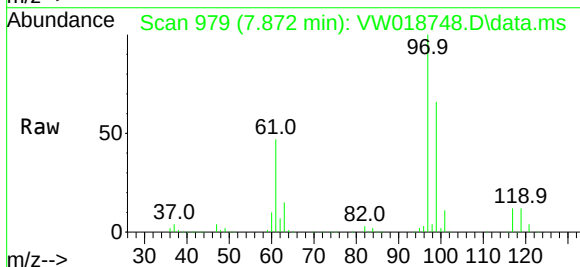
Delta R.T. 0.000 min

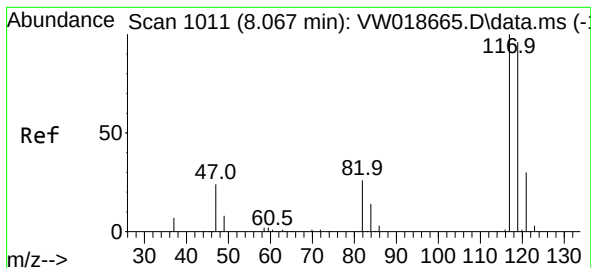
Lab File: VW018748.D

Acq: 23 Apr 2021 10:44

Tgt Ion: 97 Resp: 325342

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.7  | 51.4  | 77.2  |
| 61  | 45.5  | 37.8  | 56.6  |

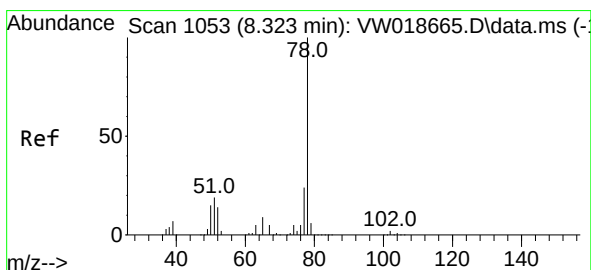
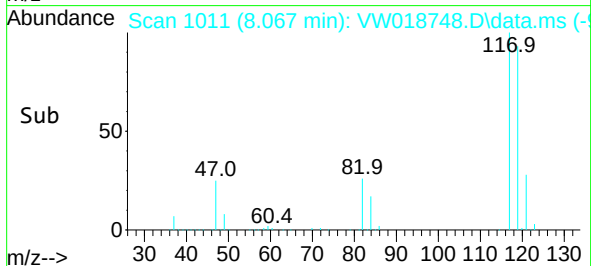
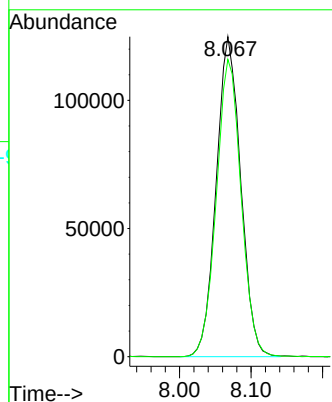
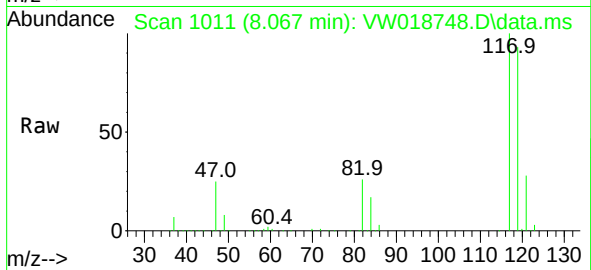




#31  
Carbon tetrachloride  
Concen: 28.25 ug/L  
RT: 8.067 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

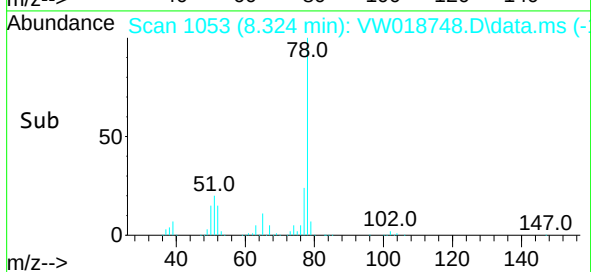
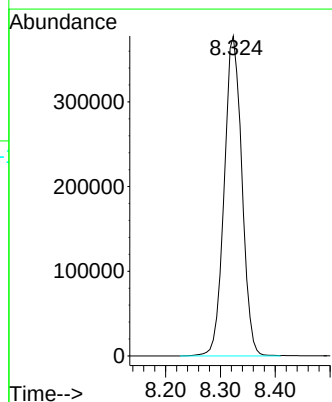
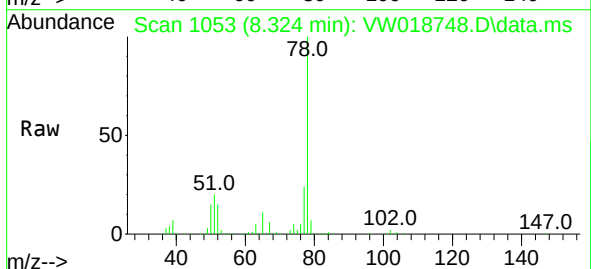
Instrument :  
MSVOA\_W  
ClientSampled :

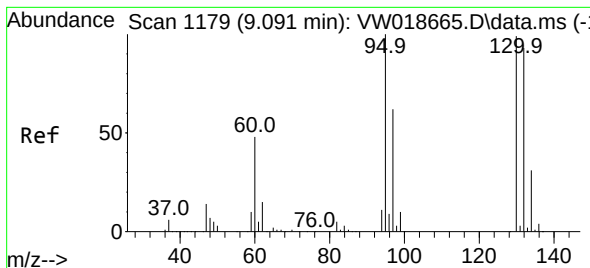
Tgt Ion:117 Resp: 296562  
Ion Ratio Lower Upper  
117 100  
119 94.1 76.5 114.7



#33  
Benzene  
Concen: 25.37 ug/L  
RT: 8.324 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion: 78 Resp: 847839





#34

Trichloroethene

Concen: 26.23 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW018748.D

Acq: 23 Apr 2021 10:44

Tgt Ion: 95 Resp: 225679

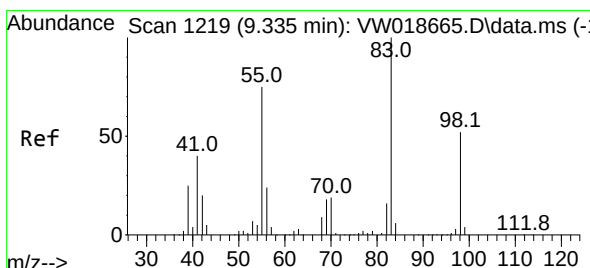
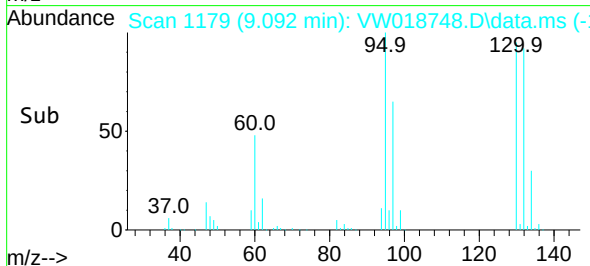
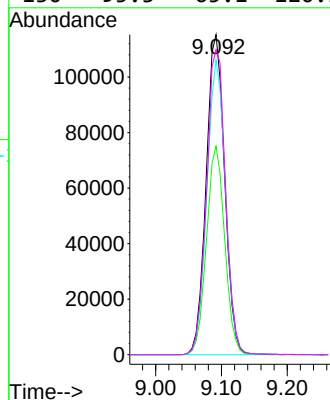
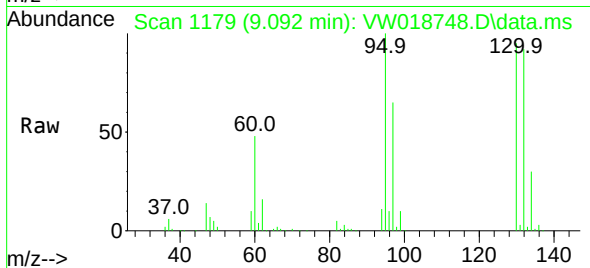
Ion Ratio Lower Upper

95 100

97 65.2 47.3 87.8

132 92.1 71.0 131.8

130 95.3 65.1 120.9



#35

Methylcyclohexane

Concen: 25.96 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW018748.D

Acq: 23 Apr 2021 10:44

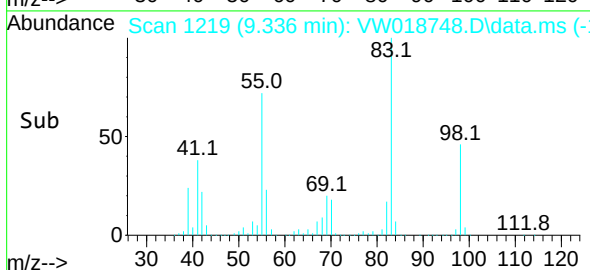
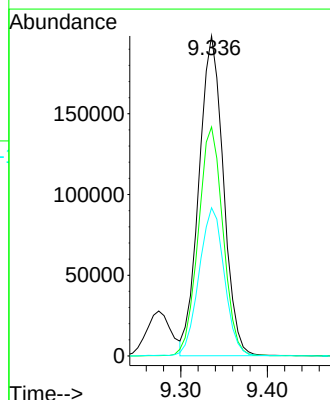
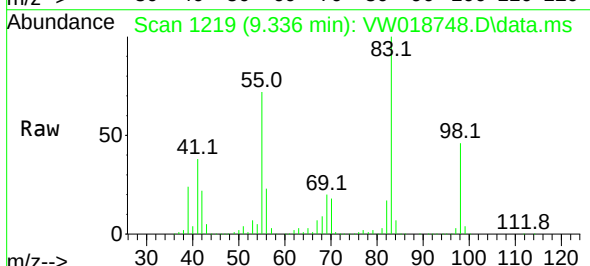
Tgt Ion: 83 Resp: 388225

Ion Ratio Lower Upper

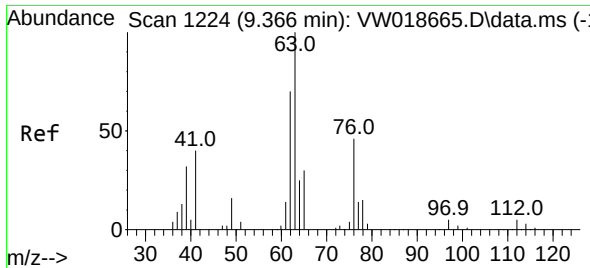
83 100

55 72.1 58.9 88.3

98 48.0 40.1 60.1



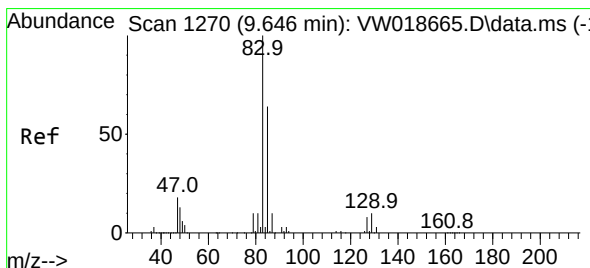
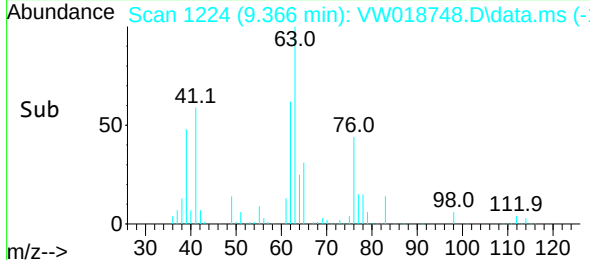
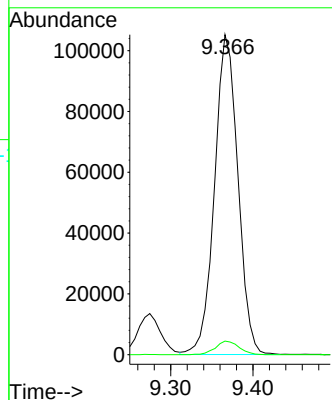
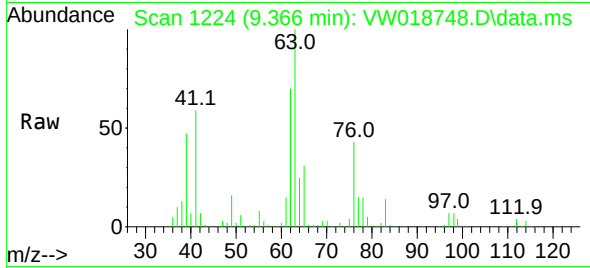




#37  
1,2-Dichloropropane  
Concen: 24.57 ug/L  
RT: 9.366 min Scan# 1224  
Delta R.T. -0.006 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

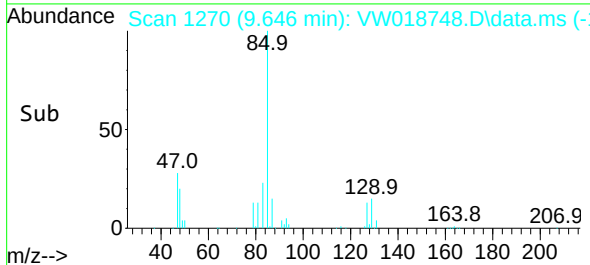
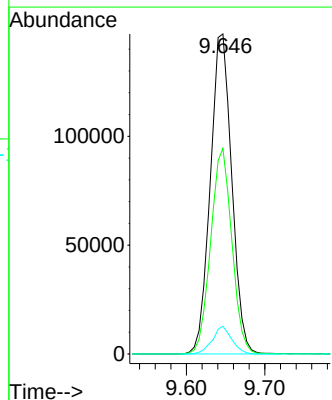
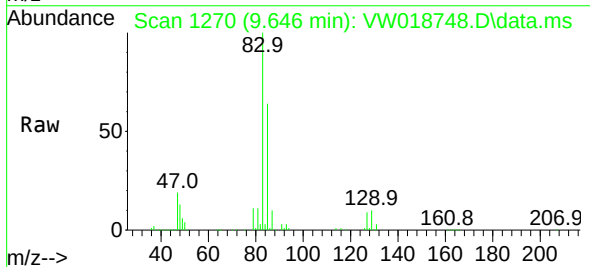
Instrument :  
MSVOA\_W  
ClientSampled :

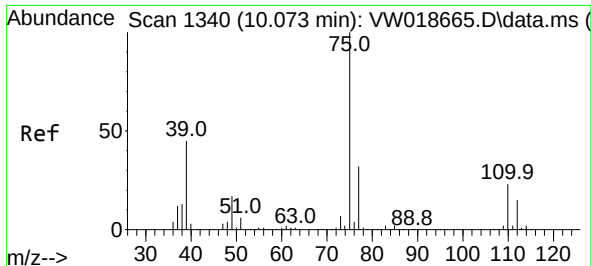
Tgt Ion: 63 Resp: 207906  
Ion Ratio Lower Upper  
63 100  
112 4.3 3.9 5.9



#38  
Bromodichloromethane  
Concen: 26.01 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion: 83 Resp: 279982  
Ion Ratio Lower Upper  
83 100  
85 64.2 42.3 78.5  
127 8.6 6.6 9.8

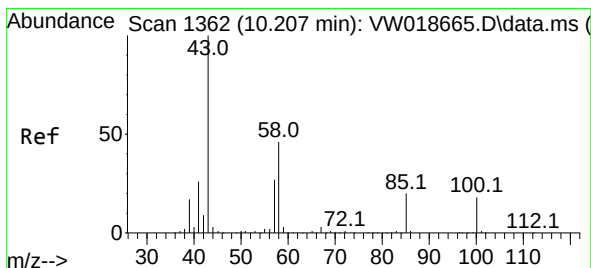
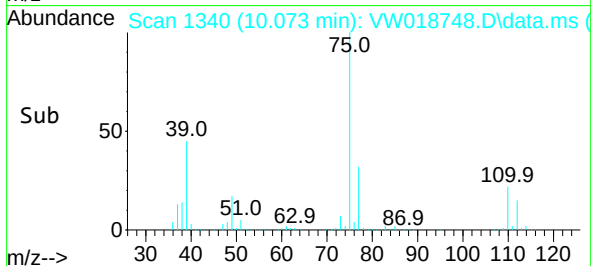
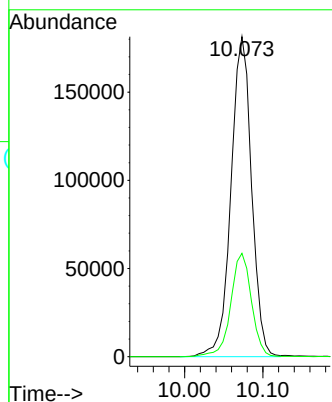
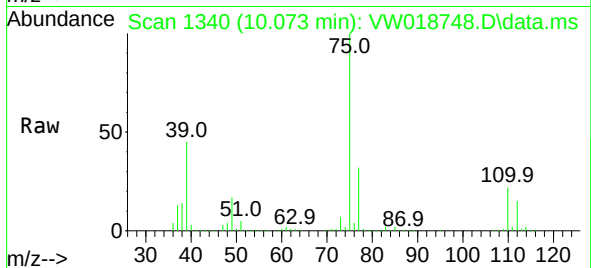




#39  
cis-1,3-Dichloropropene  
Concen: 26.38 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

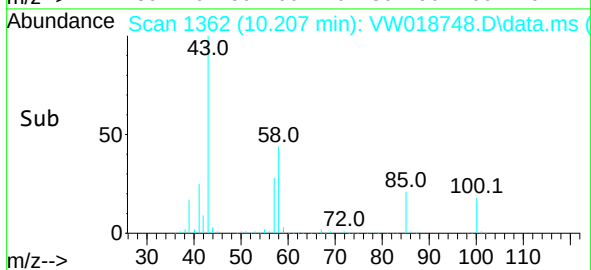
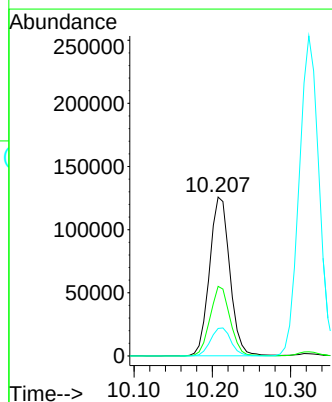
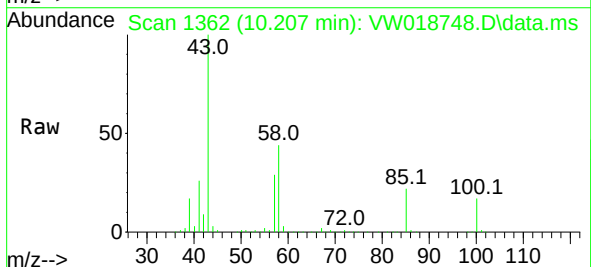
Instrument :  
MSVOA\_W  
ClientSampled :

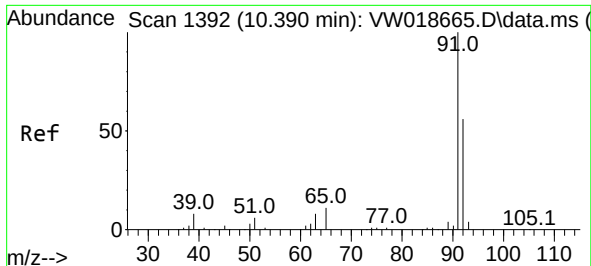
Tgt Ion: 75 Resp: 331312  
Ion Ratio Lower Upper  
75 100  
77 32.3 22.6 42.0



#40  
4-Methyl-2-pentanone  
Concen: 43.57 ug/L  
RT: 10.207 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion: 43 Resp: 226428  
Ion Ratio Lower Upper  
43 100  
58 43.1 31.0 46.4  
100 17.8 13.0 19.6

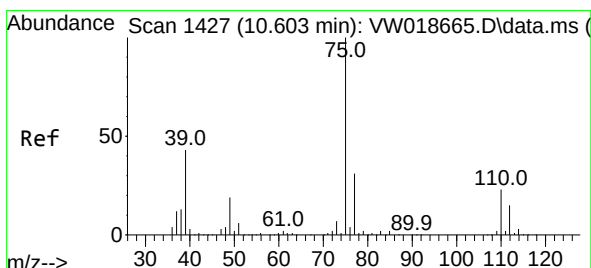
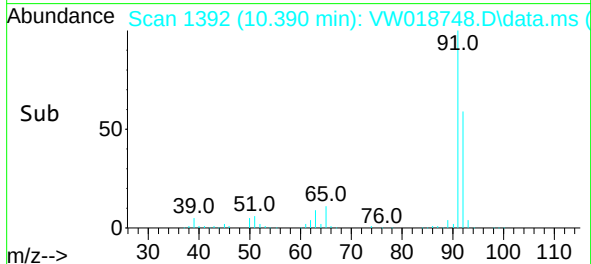
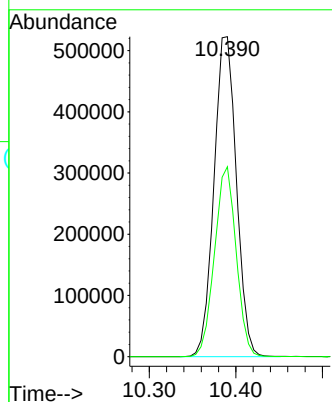
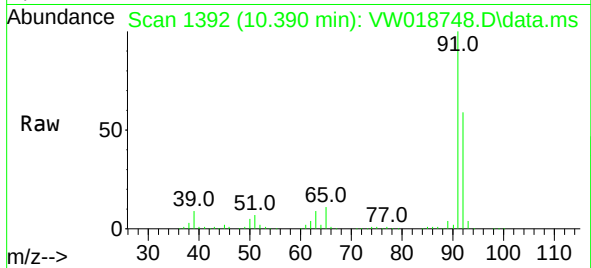




#42  
Toluene  
Concen: 26.25 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

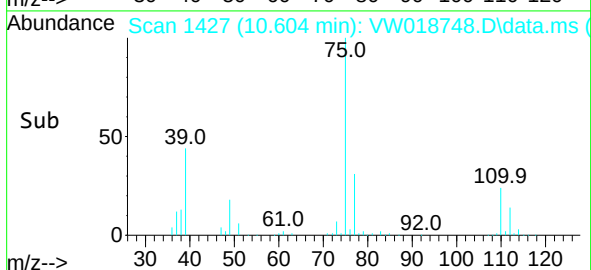
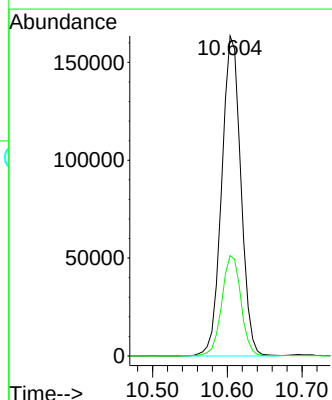
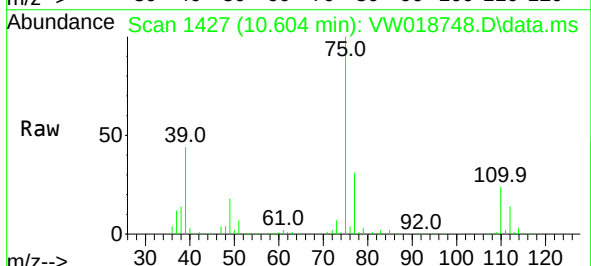
Instrument :  
MSVOA\_W  
ClientSampled :

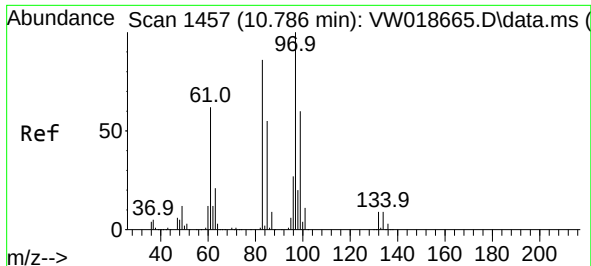
Tgt Ion: 91 Resp: 941533  
Ion Ratio Lower Upper  
91 100  
92 59.3 39.5 73.3



#44  
trans-1,3-Dichloropropene  
Concen: 26.60 ug/L  
RT: 10.604 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion: 75 Resp: 291584  
Ion Ratio Lower Upper  
75 100  
77 31.4 21.1 39.1



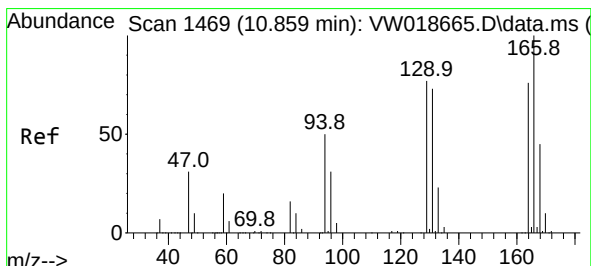
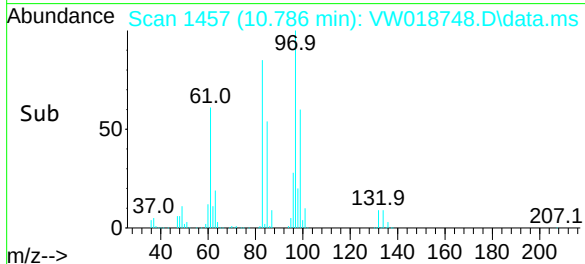
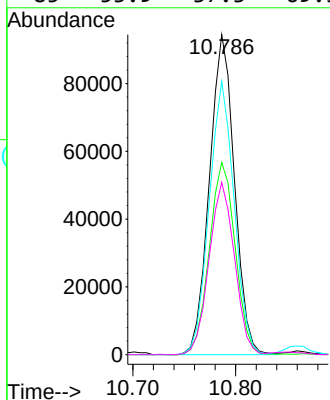
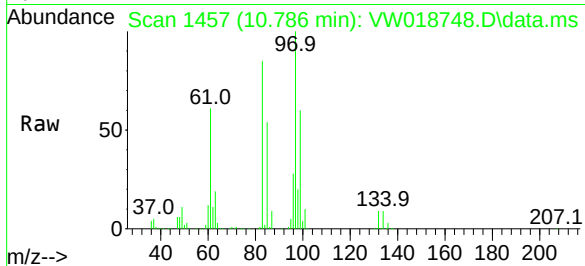


#45  
1,1,2-Trichloroethane  
Concen: 25.49 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 97 Resp: 159981

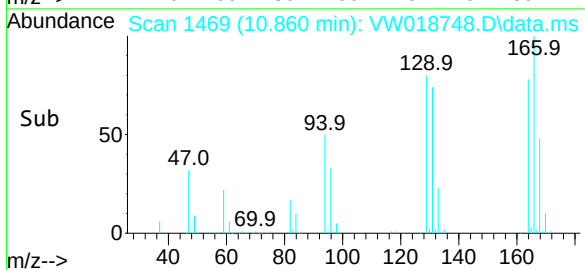
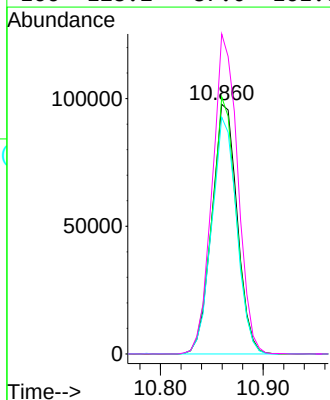
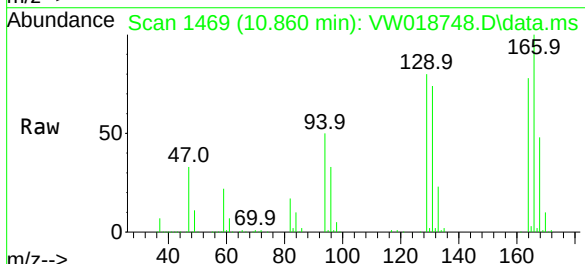
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 60.1  | 45.1  | 83.7  |
| 83  | 85.4  | 58.1  | 107.9 |
| 85  | 53.9  | 37.3  | 69.3  |

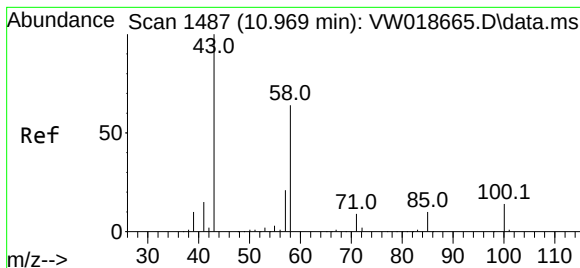


#46  
Tetrachloroethene  
Concen: 27.54 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion: 164 Resp: 167438

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 103.0 | 66.7  | 123.9 |
| 131 | 94.9  | 61.1  | 113.5 |
| 166 | 128.2 | 87.0  | 161.6 |

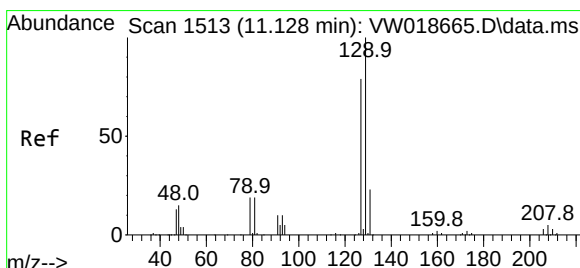
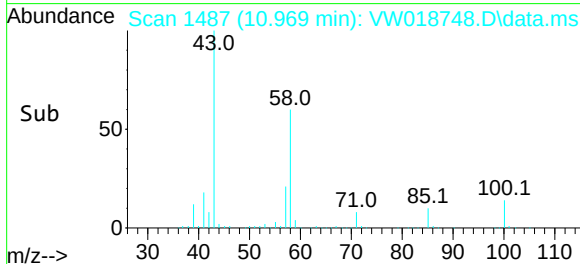
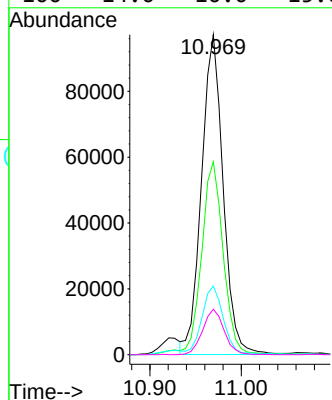
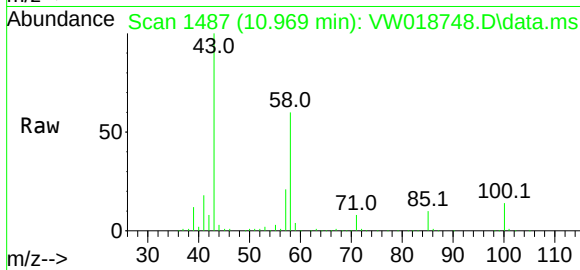




#48  
2-Hexanone  
Concen: 48.77 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

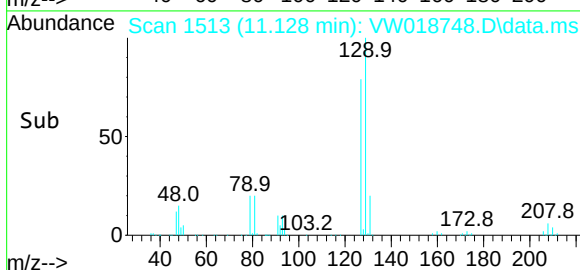
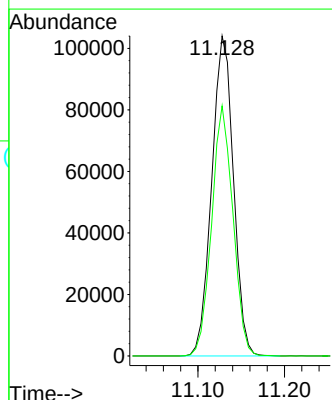
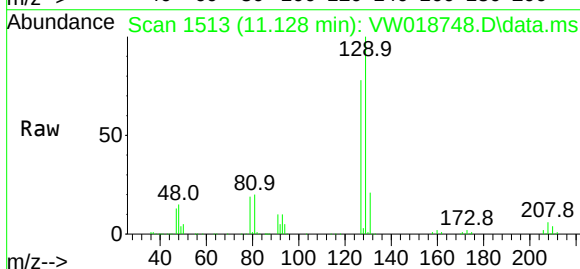
Instrument :  
MSVOA\_W  
ClientSampleId :

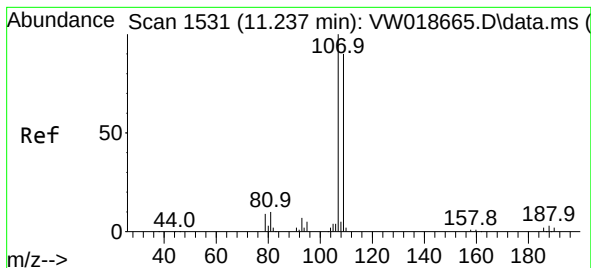
Tgt Ion: 43 Resp: 160203  
Ion Ratio Lower Upper  
43 100  
58 59.4 42.7 64.1  
57 21.1 15.8 23.8  
100 14.0 10.0 15.0



#49  
Dibromochloromethane  
Concen: 27.10 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

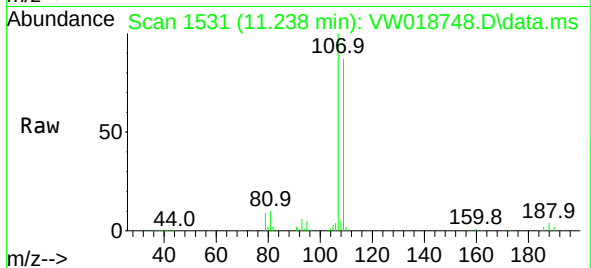
Tgt Ion:129 Resp: 181240  
Ion Ratio Lower Upper  
129 100  
127 78.1 51.7 95.9



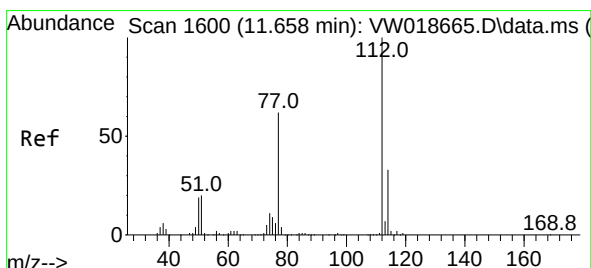
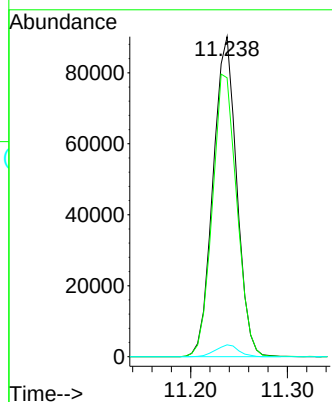
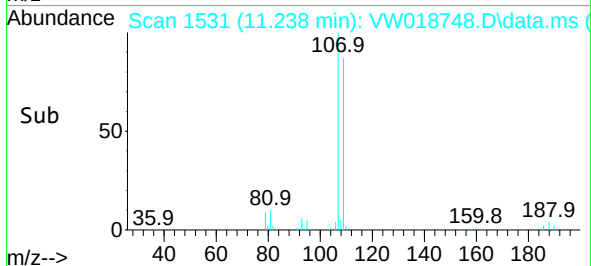


#50  
1,2-Dibromoethane  
Concen: 25.57 ug/L  
RT: 11.238 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

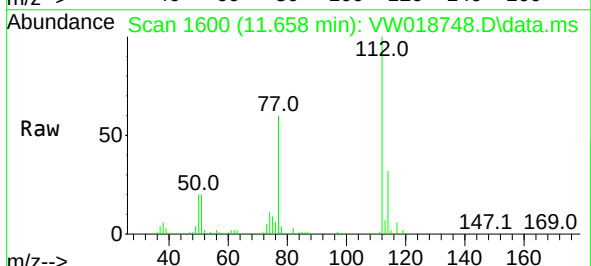
Instrument :  
MSVOA\_W  
ClientSampled :



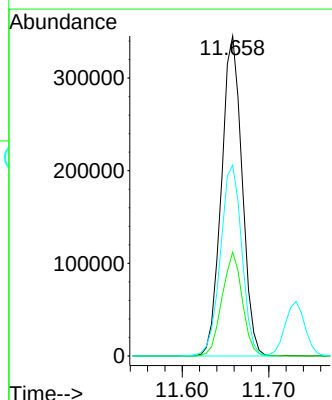
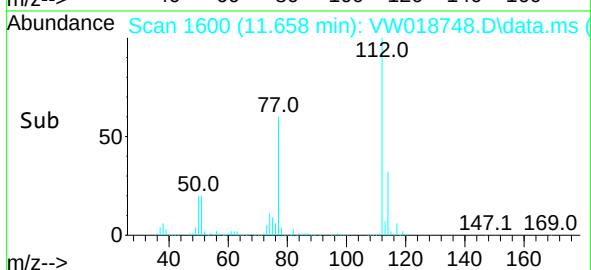
Tgt Ion:107 Resp: 152705  
Ion Ratio Lower Upper  
107 100  
109 87.2 65.4 121.4  
188 3.7 2.6 4.0

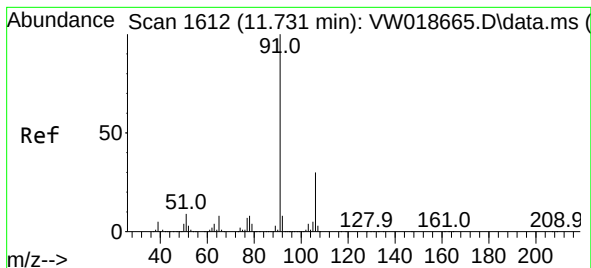


#51  
Chlorobenzene  
Concen: 25.89 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44



Tgt Ion:112 Resp: 571751  
Ion Ratio Lower Upper  
112 100  
114 32.5 23.4 43.6  
77 59.6 47.6 71.4

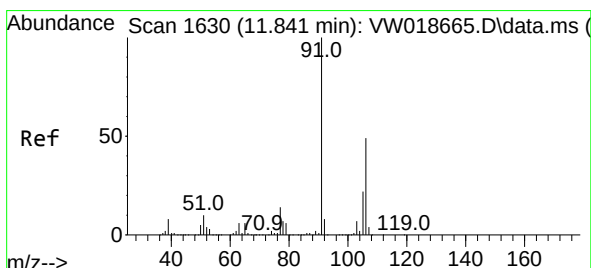
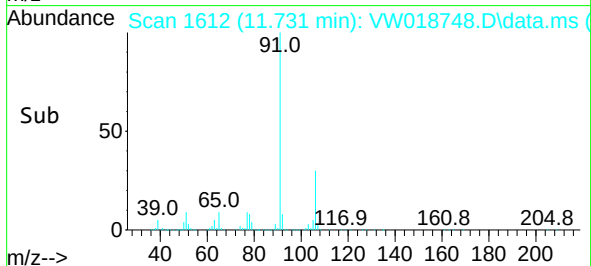
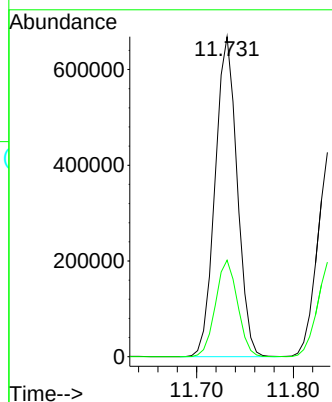
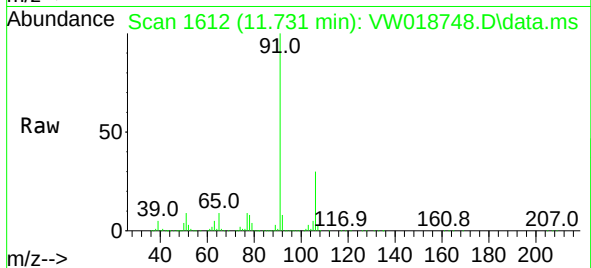




#52  
Ethylbenzene  
Concen: 26.70 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

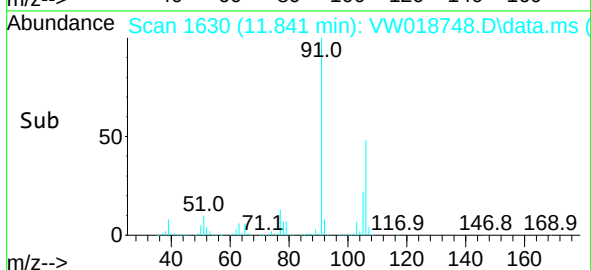
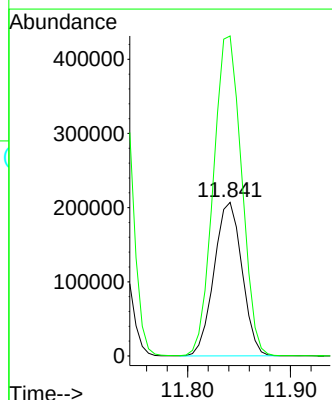
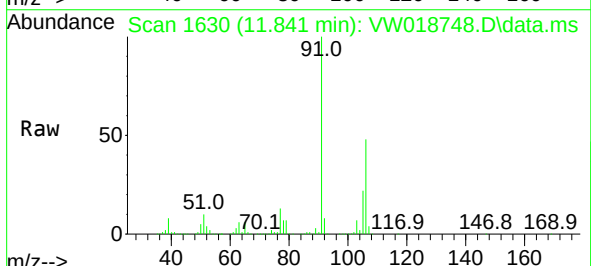
Instrument :  
MSVOA\_W  
ClientSampled :

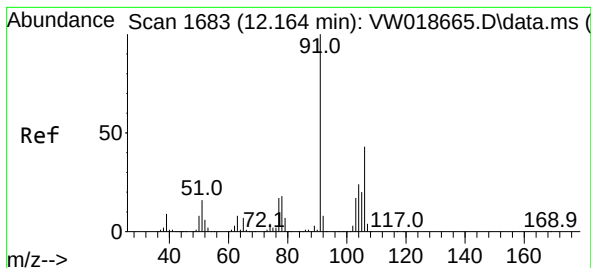
Tgt Ion: 91 Resp: 1057897  
Ion Ratio Lower Upper  
91 100  
106 30.2 22.5 41.7



#53  
m,p-Xylene  
Concen: 26.92 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion:106 Resp: 391315  
Ion Ratio Lower Upper  
106 100  
91 208.3 141.3 262.3

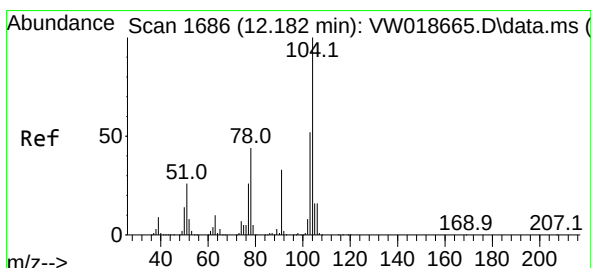
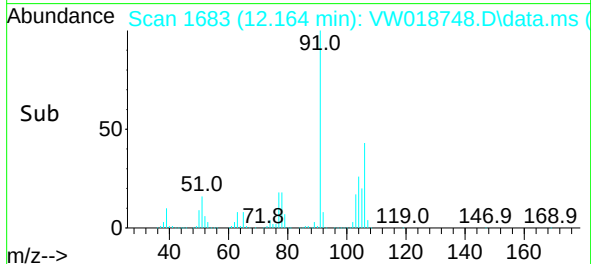
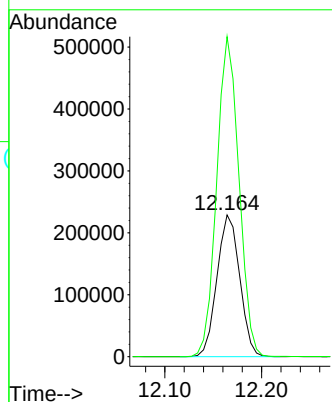
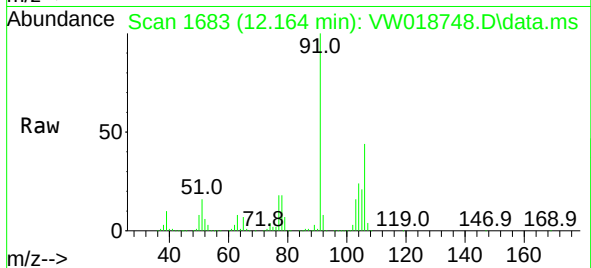




#54  
o-Xylene  
Concen: 26.73 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

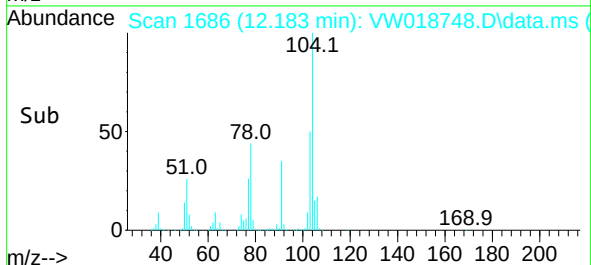
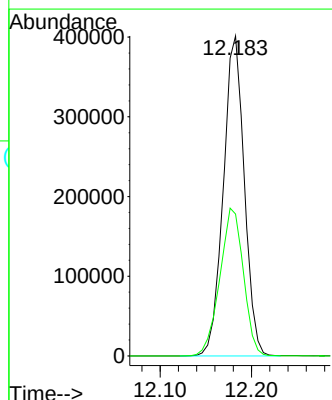
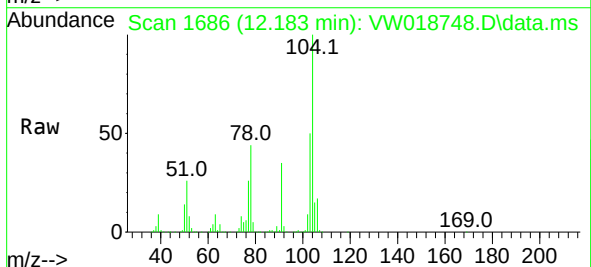
Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:106 Resp: 373042  
Ion Ratio Lower Upper  
106 100  
91 225.8 150.0 278.6

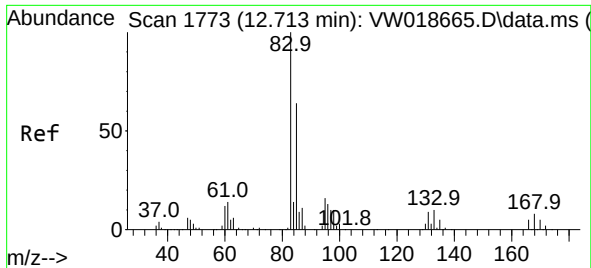


#55  
Styrene  
Concen: 26.53 ug/L  
RT: 12.183 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion:104 Resp: 640374  
Ion Ratio Lower Upper  
104 100  
78 44.3 32.5 60.3



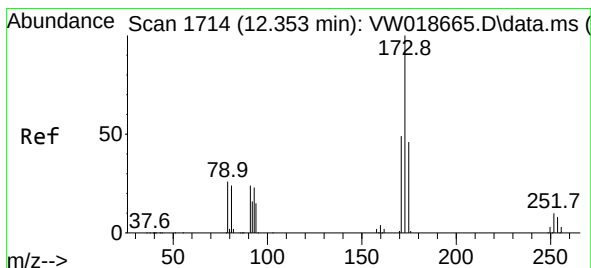
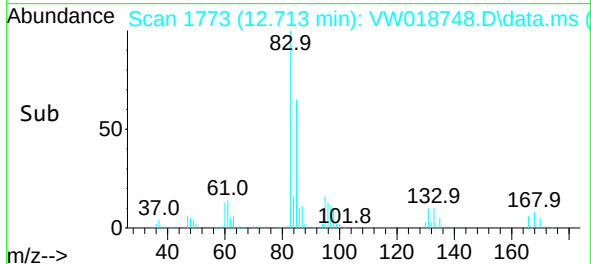
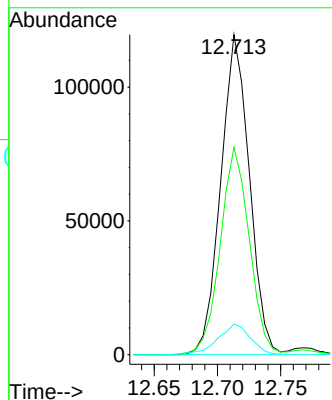
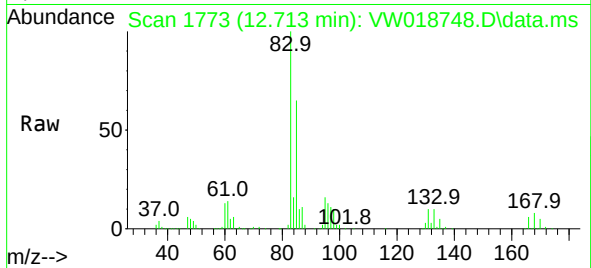




#57  
1,1,2,2-Tetrachloroethane  
Concen: 24.06 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

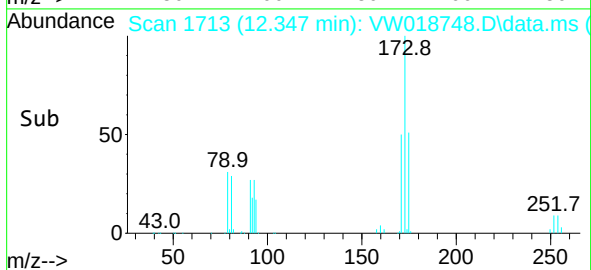
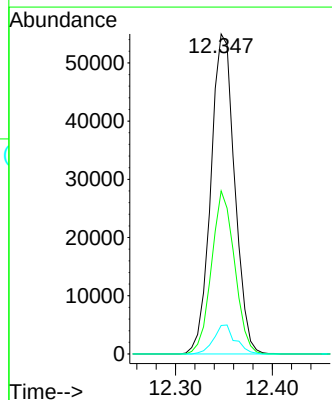
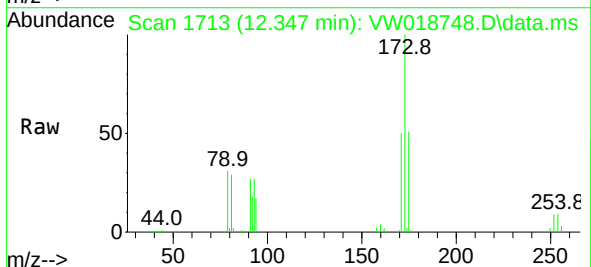
Instrument :  
MSVOA\_W  
ClientSampled :

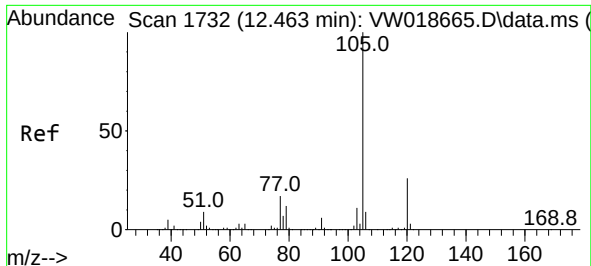
Tgt Ion: 83 Resp: 188038  
Ion Ratio Lower Upper  
83 100  
85 64.8 44.4 82.4  
131 9.5 8.2 12.4



#59  
Bromoform  
Concen: 24.60 ug/L  
RT: 12.347 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

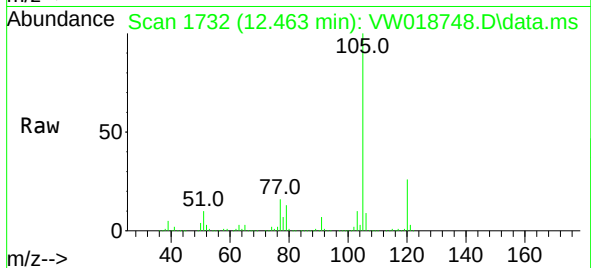
Tgt Ion:173 Resp: 93926  
Ion Ratio Lower Upper  
173 100  
175 49.3 37.5 56.3  
254 8.2 7.0 10.4



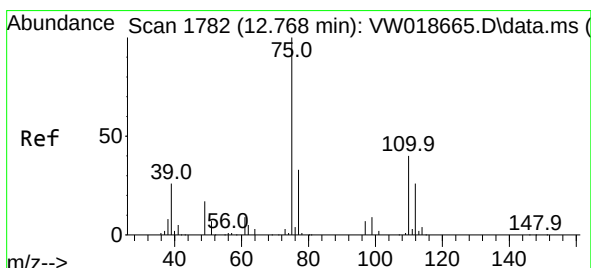
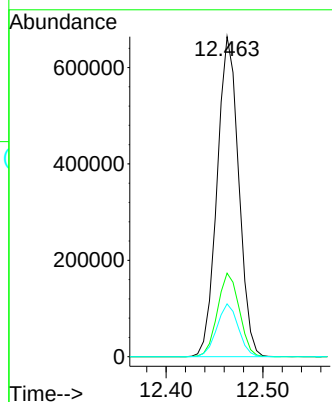
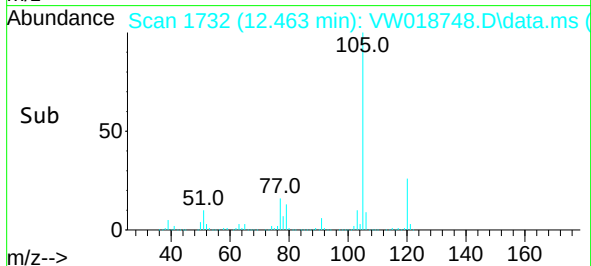


#60  
Isopropylbenzene  
Concen: 26.13 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

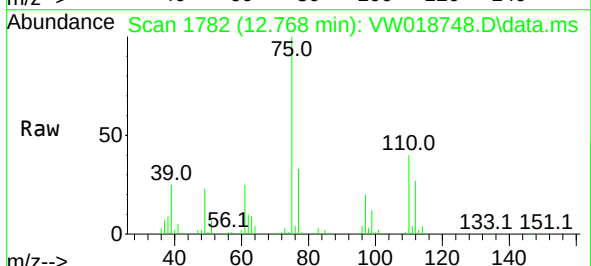
Instrument :  
MSVOA\_W  
ClientSampled :



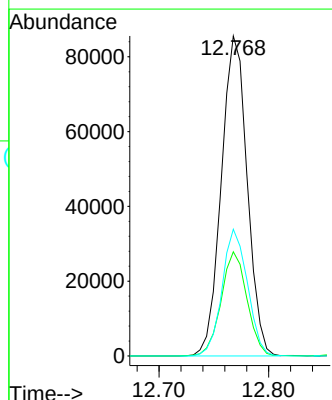
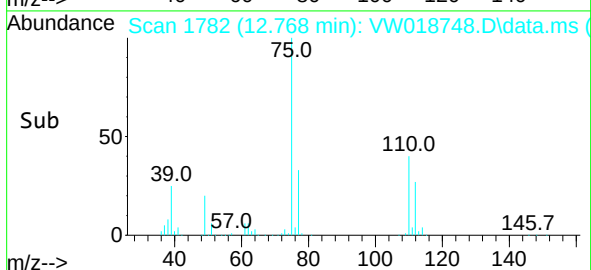
Tgt Ion:105 Resp: 1029291  
Ion Ratio Lower Upper  
105 100  
120 26.3 21.1 31.7  
77 16.4 13.2 19.8

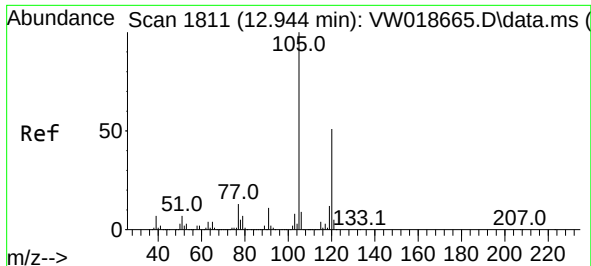


#61  
1,2,3-Trichloropropane  
Concen: 22.91 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44



Tgt Ion: 75 Resp: 140217  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.3 37.9  
110 38.9 32.6 48.8

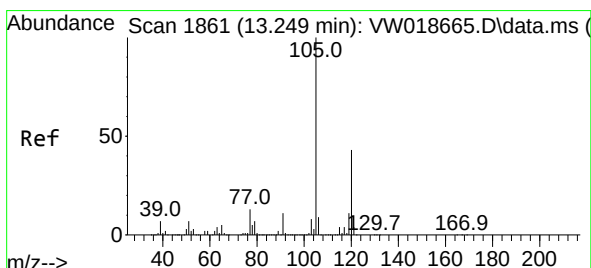
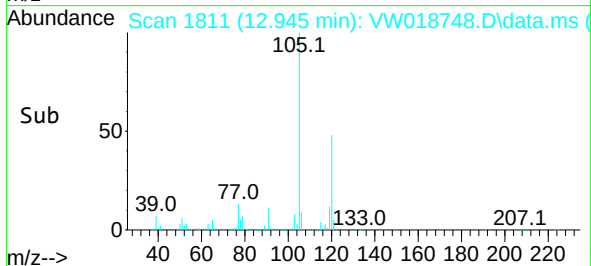
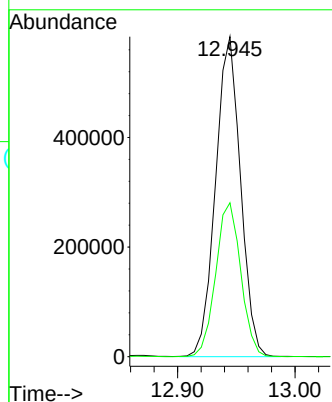
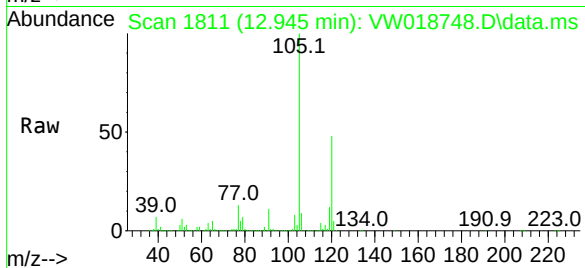




#62  
1,3,5-Trimethylbenzene  
Concen: 26.44 ug/L  
RT: 12.945 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

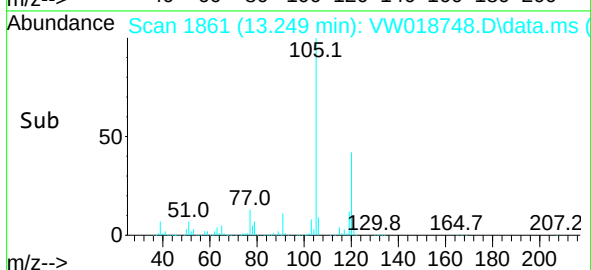
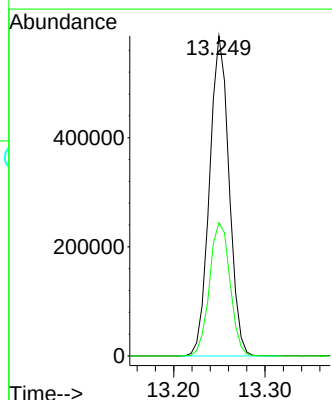
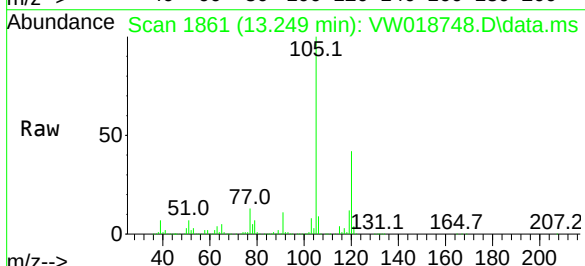
Instrument :  
MSVOA\_W  
ClientSampled :

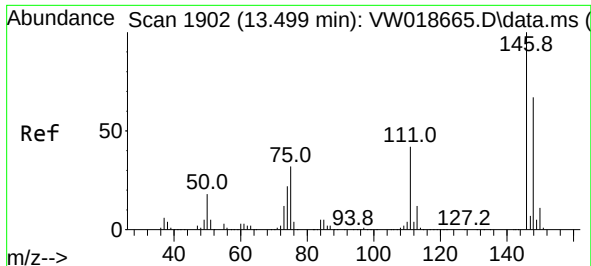
Tgt Ion:105 Resp: 862726  
Ion Ratio Lower Upper  
105 100  
120 48.2 39.0 58.6



#63  
1,2,4-Trimethylbenzene  
Concen: 26.69 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion:105 Resp: 869119  
Ion Ratio Lower Upper  
105 100  
120 43.7 35.6 53.4

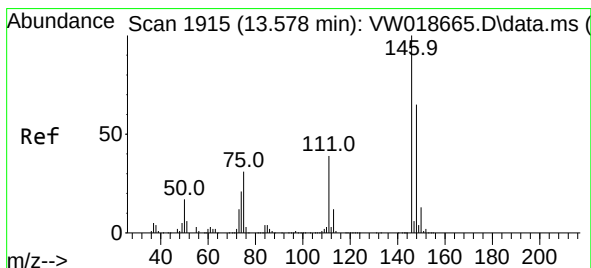
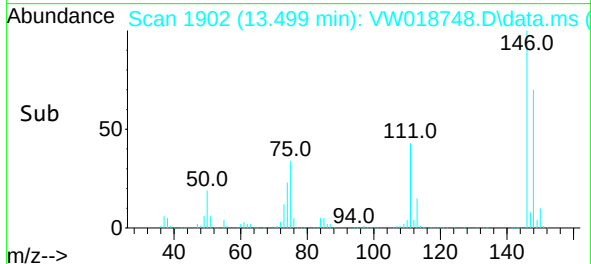
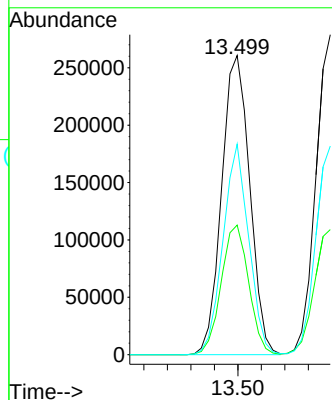
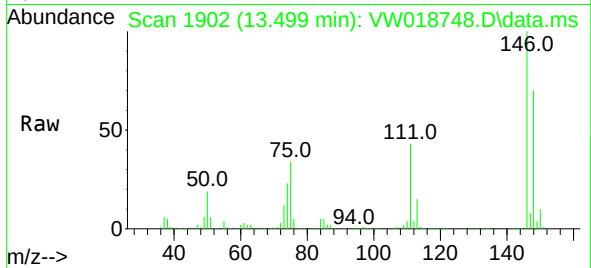




#64  
1,3-Dichlorobenzene  
Concen: 25.97 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

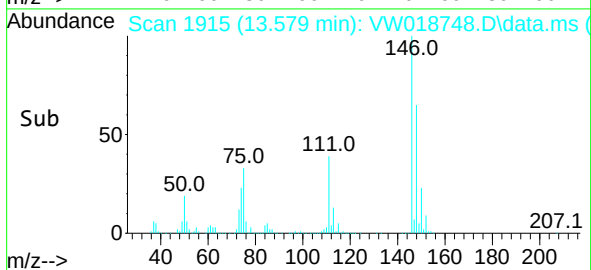
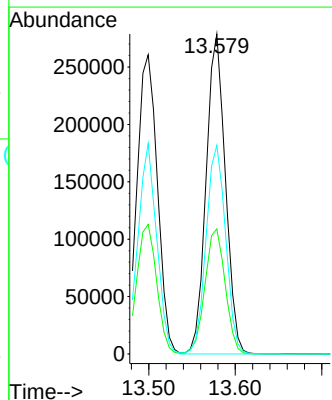
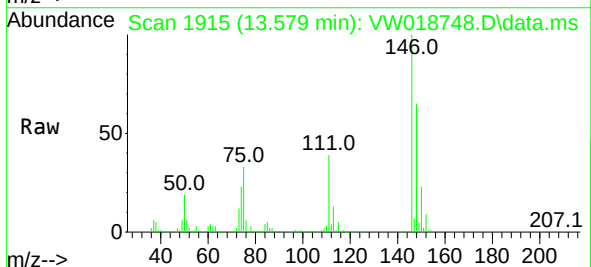
Instrument :  
MSVOA\_W  
ClientSampled :

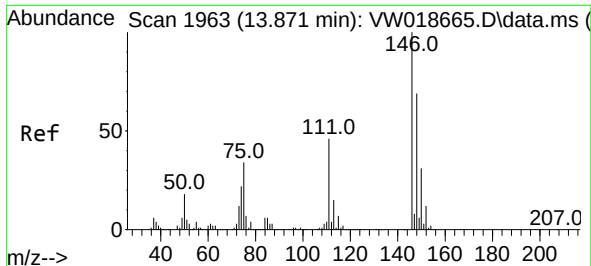
Tgt Ion:146 Resp: 433508  
Ion Ratio Lower Upper  
146 100  
111 43.3 26.7 49.7  
148 70.4 41.1 76.3



#65  
1,4-Dichlorobenzene  
Concen: 25.50 ug/L  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion:146 Resp: 430538  
Ion Ratio Lower Upper  
146 100  
111 39.1 28.8 53.4  
148 65.2 46.8 87.0

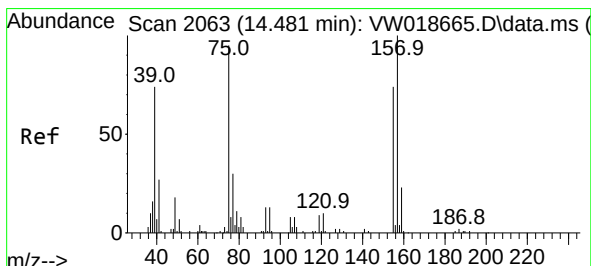
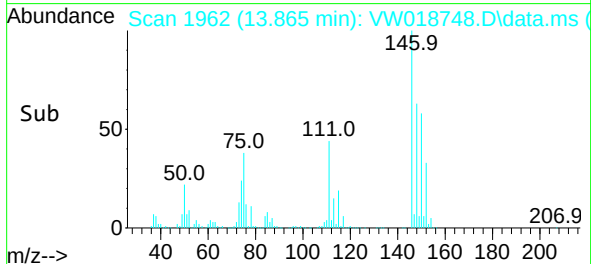
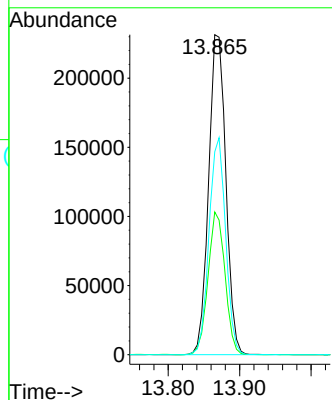
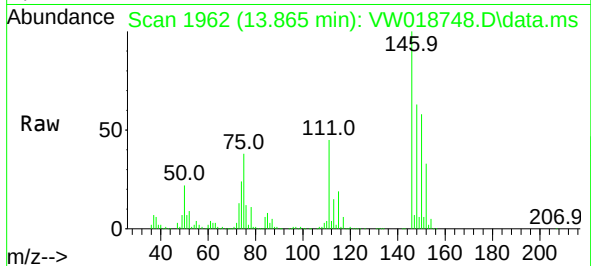




#67  
1,2-Dichlorobenzene  
Concen: 25.21 ug/L  
RT: 13.865 min Scan# 1962  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

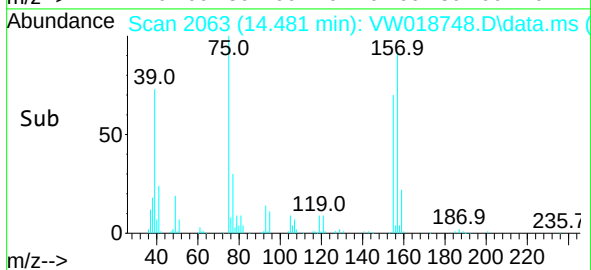
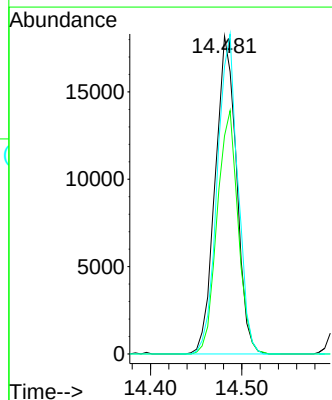
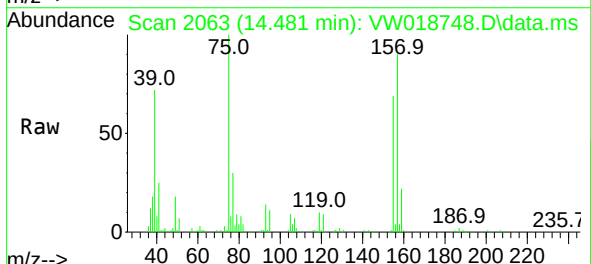
Instrument :  
MSVOA\_W  
ClientSampled :

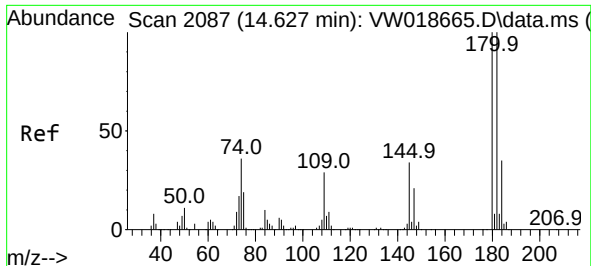
Tgt Ion:146 Resp: 387173  
Ion Ratio Lower Upper  
146 100  
111 44.6 33.2 49.8  
148 63.4 50.4 75.6



#68  
1,2-Dibromo-3-chloropropane  
Concen: 23.20 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

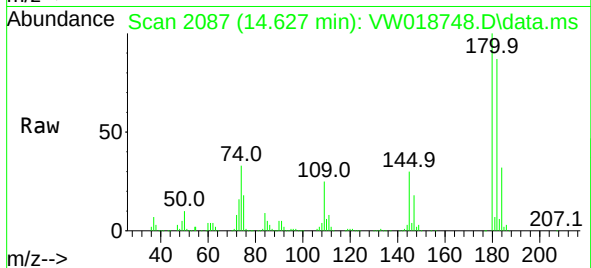
Tgt Ion: 75 Resp: 29506  
Ion Ratio Lower Upper  
75 100  
155 68.6 59.4 89.0  
157 90.4 72.2 108.2



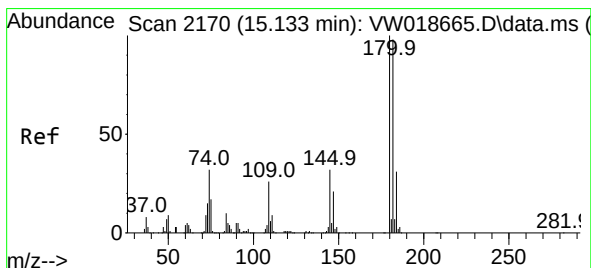
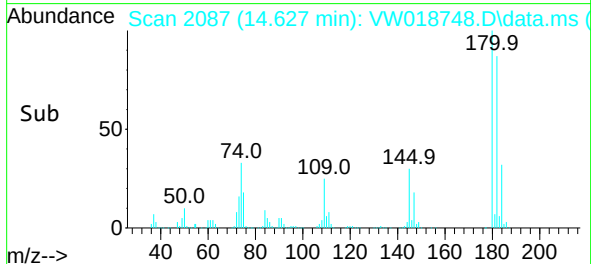
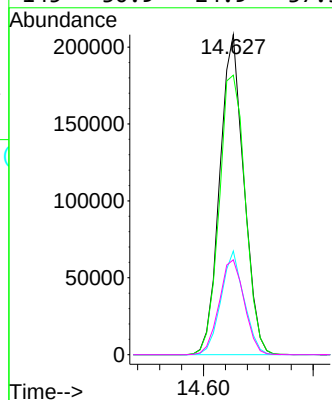


#69  
1,3,5-Trichlorobenzene  
Concen: 26.66 ug/L  
RT: 14.627 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

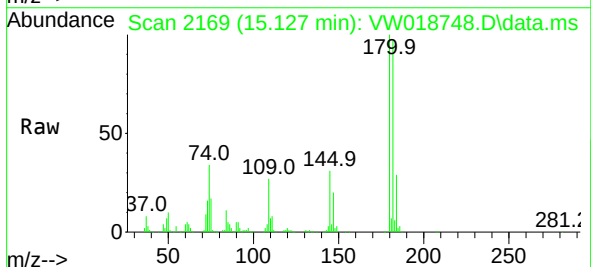
Instrument :  
MSVOA\_W  
ClientSampled :



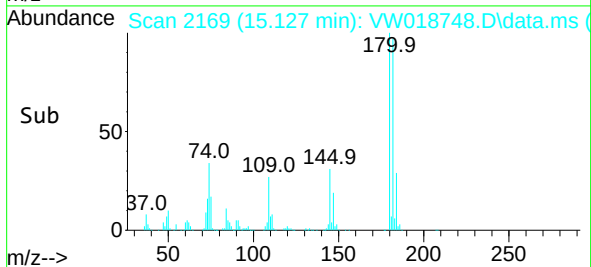
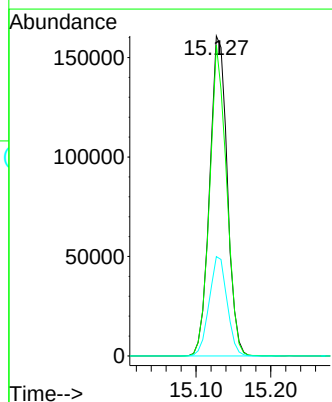
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 317691 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.5  | 73.4  | 110.2  |
| 184       | 30.9  | 23.6  | 35.4   |
| 145       | 30.9  | 24.9  | 37.3   |

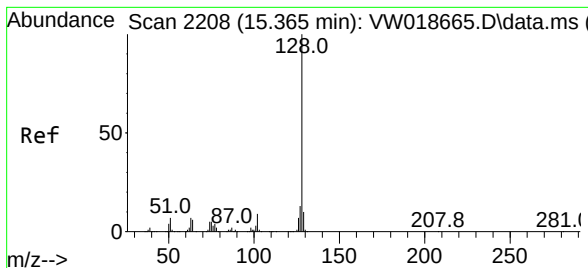


#70  
1,2,4-trichlorobenzene  
Concen: 27.03 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 262196 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.5  | 74.7  | 112.1  |
| 145       | 31.6  | 25.0  | 37.4   |

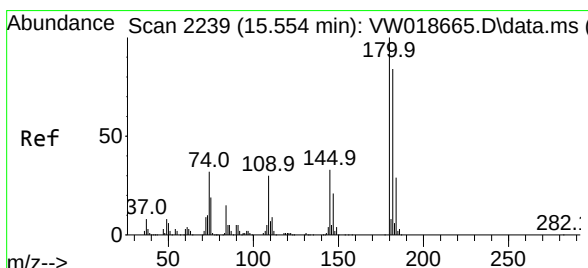
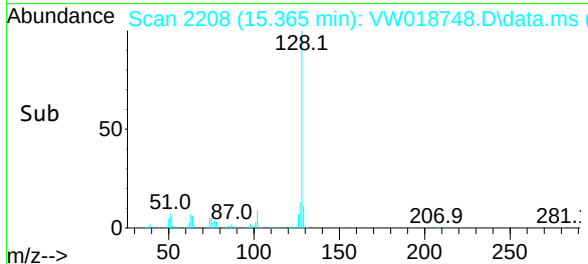
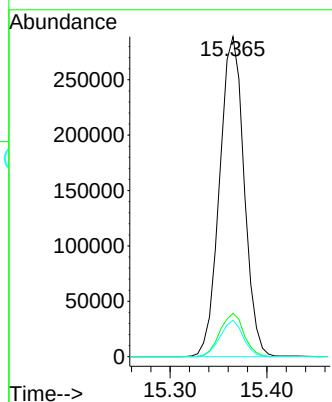
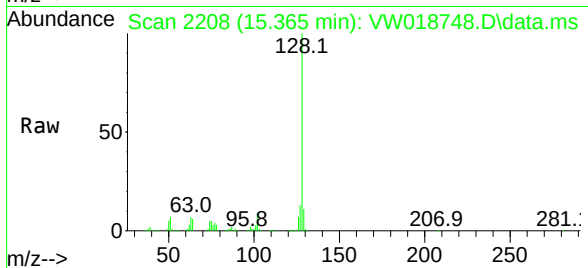




#71  
Naphthalene  
Concen: 24.82 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:128 Resp: 507318  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.6 15.8  
129 10.7 9.0 13.6



#72  
1,2,3-Trichlorobenzene  
Concen: 26.40 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VW018748.D  
Acq: 23 Apr 2021 10:44

Tgt Ion:180 Resp: 226058  
Ion Ratio Lower Upper  
180 100  
182 93.8 76.7 115.1  
145 32.8 28.9 43.3

