

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100821\  
 Data File : VW020428.D  
 Acq On : 08 Oct 2021 23:15  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 09 04:21:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Oct 09 04:18:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 190113   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 180351   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 91229    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 66047    | 23.875   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 95.520%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 37945    | 25.967   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 103.880% |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 133124   | 23.485   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 93.960%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 40706    | 48.351   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.700%  |
| 24) Chloroform-d              | 7.653  | 84    | 152828   | 25.219   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 100.880% |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 85950    | 24.833   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 99.320%  |
| 32) Benzene-d6                | 8.275  | 84    | 293633   | 24.752   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 99.000%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 93738    | 24.244   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 96.960%  |
| 41) Toluene-d8                | 10.323 | 98    | 268314   | 25.207   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 100.840% |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 38005    | 24.189   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 96.760%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 28359    | 47.680   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 95.360%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 69817    | 23.889   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 95.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 88755    | 24.870   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 99.480%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.007  | 85    | 34841    | 28.360   | ug/L   | 99       |
| 3) Chloromethane              | 2.215  | 50    | 64361    | 25.196   | ug/L   | 97       |
| 5) Vinyl chloride             | 2.355  | 62    | 87659    | 24.399   | ug/L   | 99       |
| 6) Bromomethane               | 2.776  | 94    | 38511    | 24.679   | ug/L   | 97       |
| 8) Chloroethane               | 2.916  | 64    | 34592    | 26.075   | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 3.251  | 101   | 45707    | 22.360   | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062  | 101   | 71401    | 24.492   | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 4.038  | 96    | 65870    | 24.643   | ug/L   | 94       |
| 13) Acetone                   | 4.129  | 43    | 30391    | 39.319   | ug/L   | 100      |
| 14) Carbon disulfide          | 4.379  | 76    | 212352   | 24.424   | ug/L   | 99       |
| 15) Methyl Acetate            | 4.672  | 43    | 35056    | 24.423   | ug/L   | 99       |
| 16) Methylene chloride        | 4.915  | 84    | 96060    | 25.992   | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96    | 71632    | 25.542   | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 5.434  | 73    | 100484   | 25.432   | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.220  | 63    | 149097   | 25.934   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 75789    | 26.000   | ug/L   | 98       |
| 22) 2-Butanone                | 7.177  | 43    | 44730    | 46.231   | ug/L   | 99       |
| 23) Bromochloromethane        | 7.513  | 128   | 31911    | 24.960   | ug/L   | 95       |
| 25) Chloroform                | 7.677  | 83    | 144415   | 25.839   | ug/L   | 100      |

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 Sample : VSTDCCC025  
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 09 04:21:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Oct 09 04:18:42 2021  
 Response via : Initial Calibration

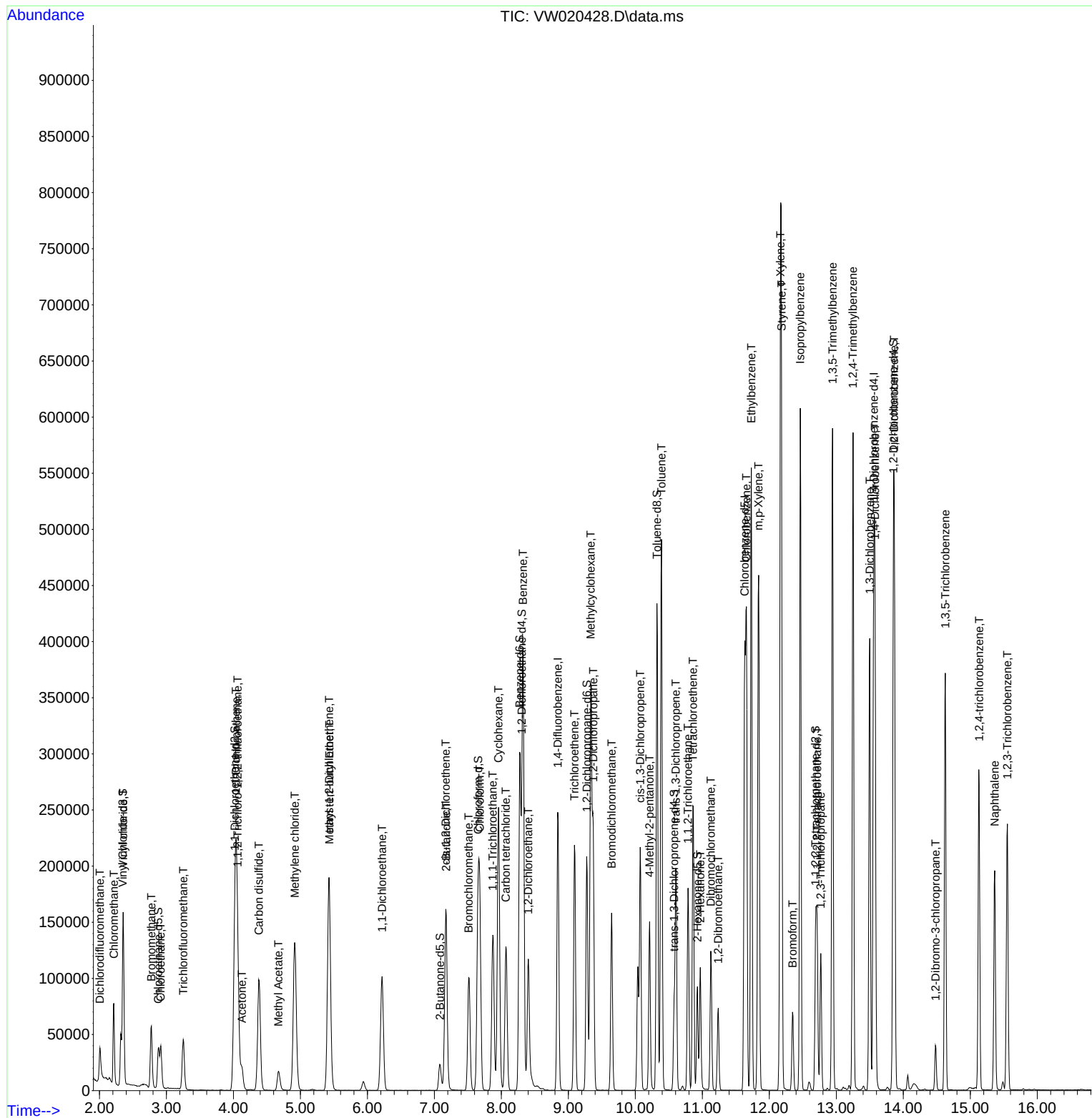
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 98212    | 25.691 | ug/L  | 98       |
| 29) Cyclohexane               | 7.958  | 56   | 133312   | 25.248 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 109704   | 24.486 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 95675    | 24.288 | ug/L  | 99       |
| 33) Benzene                   | 8.323  | 78   | 327522   | 25.496 | ug/L  | 100      |
| 34) Trichloroethene           | 9.091  | 95   | 77585    | 24.516 | ug/L  | 97       |
| 35) Methylcyclohexane         | 9.335  | 83   | 134887   | 24.907 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 84935    | 25.532 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 100656   | 25.237 | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 117471   | 25.595 | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 100571   | 50.371 | ug/L  | 99       |
| 42) Toluene                   | 10.390 | 91   | 337555   | 26.198 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 103224   | 25.512 | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 52531    | 24.594 | ug/L  | 96       |
| 46) Tetrachloroethene         | 10.859 | 164  | 54139    | 23.817 | ug/L  | 92       |
| 48) 2-Hexanone                | 10.969 | 43   | 69934    | 47.740 | ug/L  | 100      |
| 49) Dibromochloromethane      | 11.128 | 129  | 59743    | 25.389 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 11.237 | 107  | 48223    | 24.580 | ug/L  | 98       |
| 51) Chlorobenzene             | 11.658 | 112  | 199675   | 25.131 | ug/L  | 98       |
| 52) Ethylbenzene              | 11.731 | 91   | 365961   | 26.192 | ug/L  | 99       |
| 53) m,p-Xylene                | 11.841 | 106  | 135824   | 26.236 | ug/L  | 97       |
| 54) o-Xylene                  | 12.164 | 106  | 129110   | 27.005 | ug/L  | 99       |
| 55) Styrene                   | 12.182 | 104  | 229832   | 27.494 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 65556    | 24.759 | ug/L  | 98       |
| 59) Bromoform                 | 12.347 | 173  | 31204    | 24.416 | ug/L  | 98       |
| 60) Isopropylbenzene          | 12.463 | 105  | 358647   | 26.785 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 48711    | 24.237 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 299014   | 27.351 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 302015   | 27.890 | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 148887   | 25.698 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 13.578 | 146  | 152881   | 25.512 | ug/L  | 94       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 132277   | 24.921 | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 10191    | 23.872 | ug/L  | 98       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 104683   | 25.339 | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 82144    | 25.111 | ug/L  | 97       |
| 71) Naphthalene               | 15.365 | 128  | 155197   | 26.388 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 74387    | 25.891 | ug/L  | 99       |

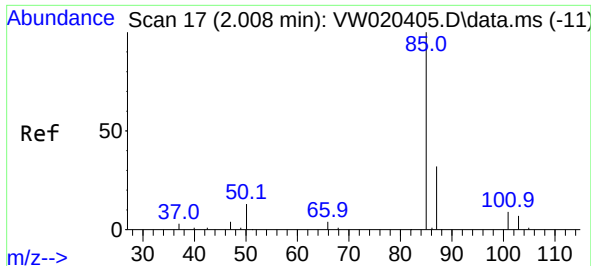
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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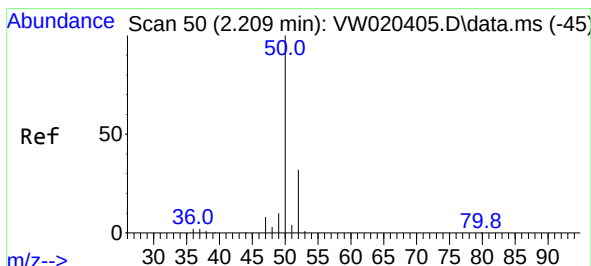
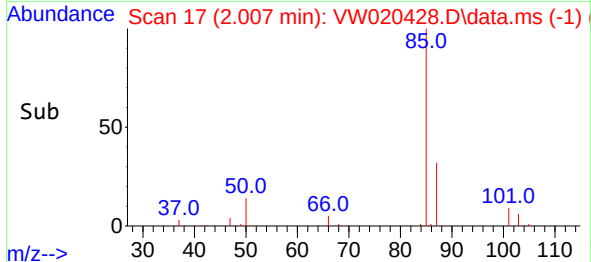
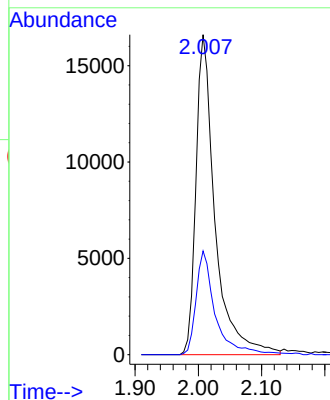
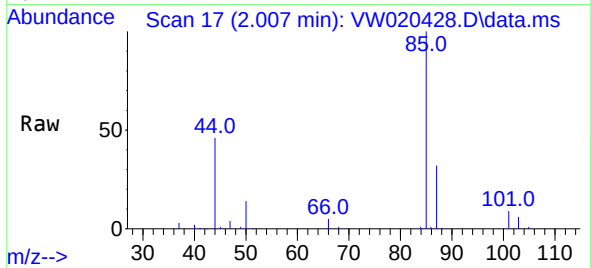




#2  
Dichlorodifluoromethane  
Concen: 28.360 ug/L  
RT: 2.007 min Scan# 17  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

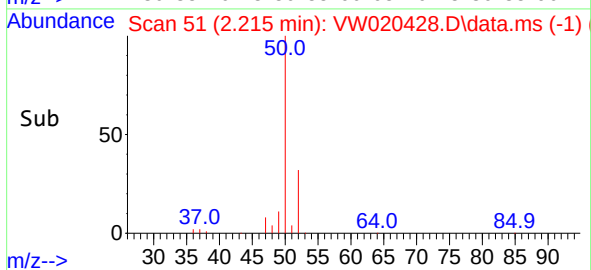
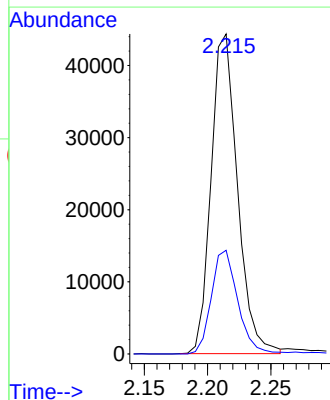
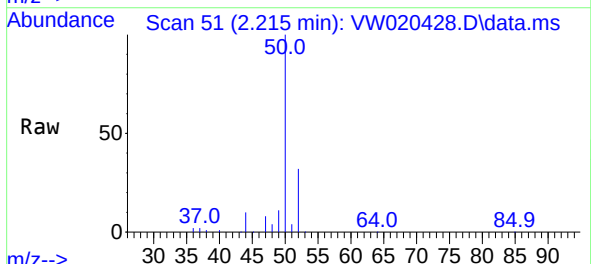
Instrument :  
MSVOA\_W  
ClientSampled :

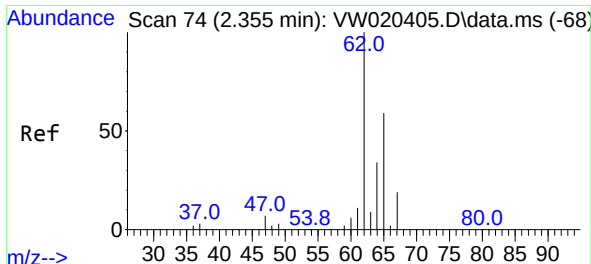
Tgt Ion: 85 Resp: 34841  
Ion Ratio Lower Upper  
85 100  
87 30.7 24.9 37.3



#3  
Chloromethane  
Concen: 25.196 ug/L  
RT: 2.215 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion: 50 Resp: 64361  
Ion Ratio Lower Upper  
50 100  
52 32.4 21.5 39.9

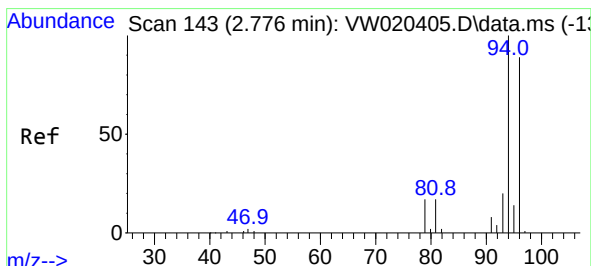
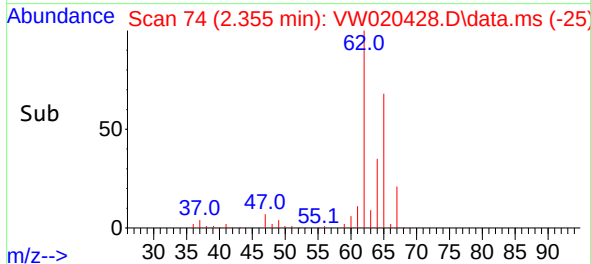
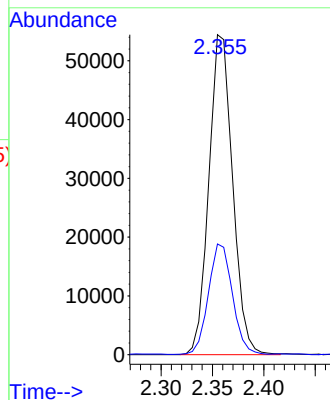
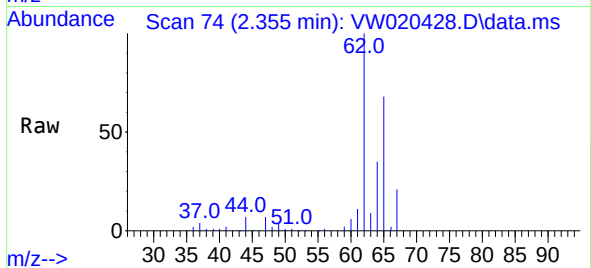




#5  
Vinyl chloride  
Concen: 24.399 ug/L  
RT: 2.355 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

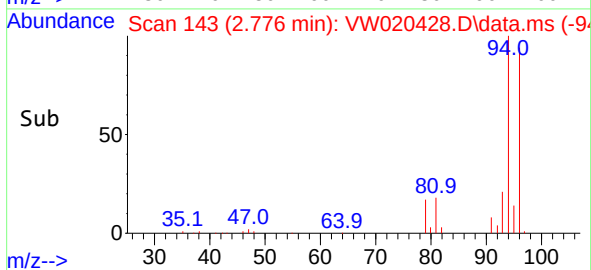
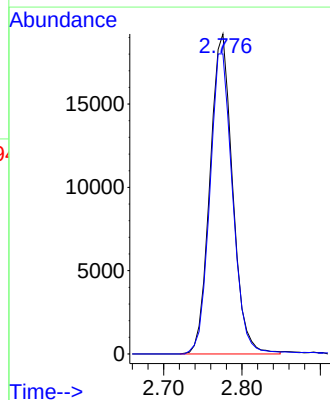
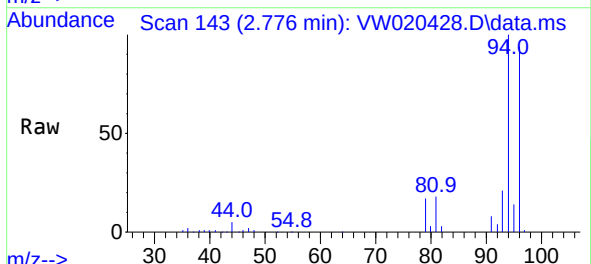
Instrument :  
MSVOA\_W  
ClientSampled :

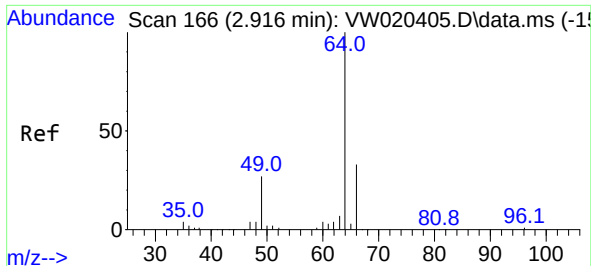
Tgt Ion: 62 Resp: 87659  
Ion Ratio Lower Upper  
62 100  
64 34.6 24.6 45.6



#6  
Bromomethane  
Concen: 24.679 ug/L  
RT: 2.776 min Scan# 143  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion: 94 Resp: 38511  
Ion Ratio Lower Upper  
94 100  
96 93.8 67.8 126.0

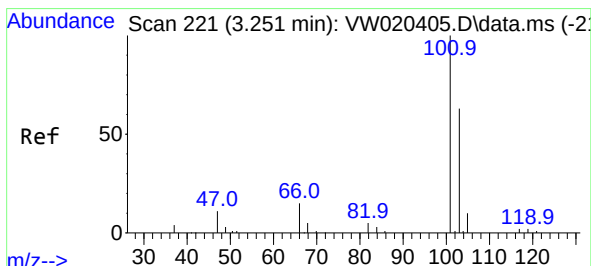
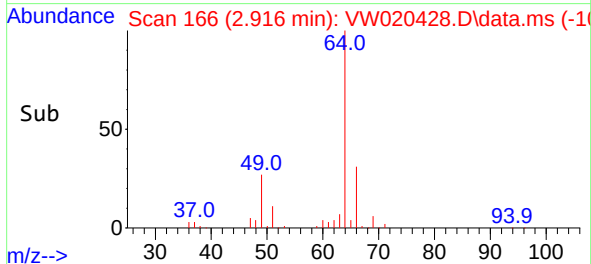
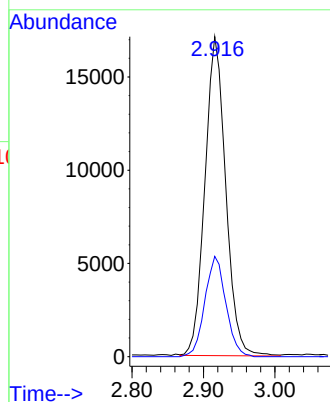
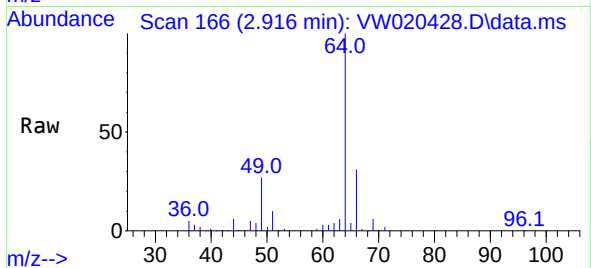




#8  
Chloroethane  
Concen: 26.075 ug/L  
RT: 2.916 min Scan# 166  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

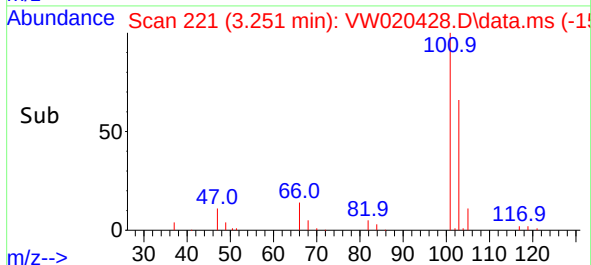
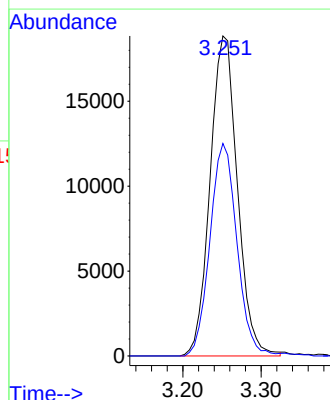
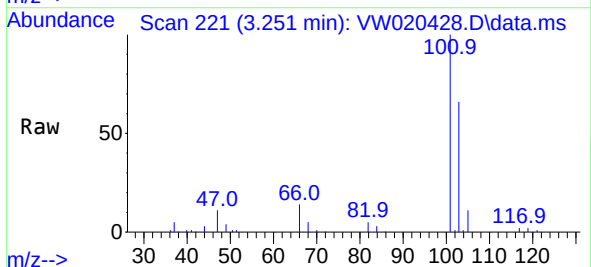
Instrument :  
MSVOA\_W  
ClientSampled :

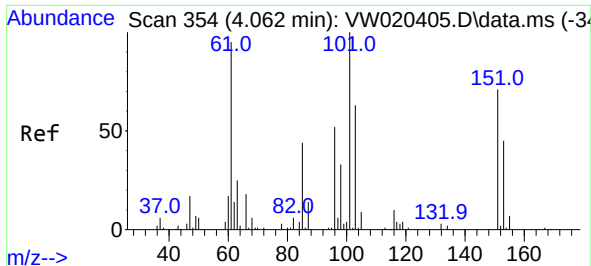
Tgt Ion: 64 Resp: 34592  
Ion Ratio Lower Upper  
64 100  
66 31.3 21.2 39.4



#9  
Trichlorofluoromethane  
Concen: 22.360 ug/L  
RT: 3.251 min Scan# 221  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion:101 Resp: 45707  
Ion Ratio Lower Upper  
101 100  
103 65.4 52.2 78.4

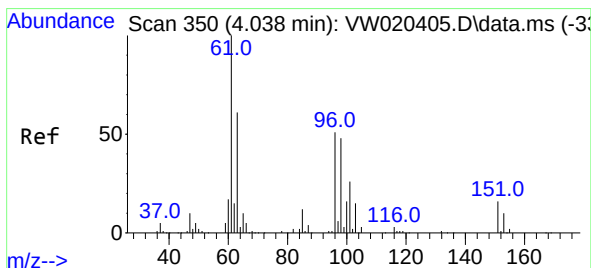
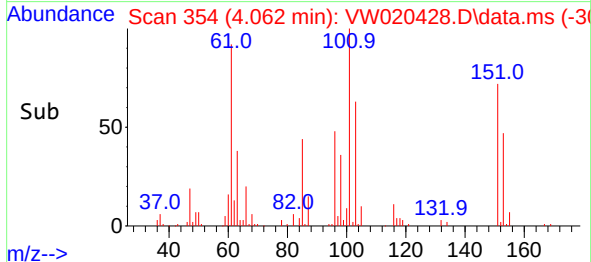
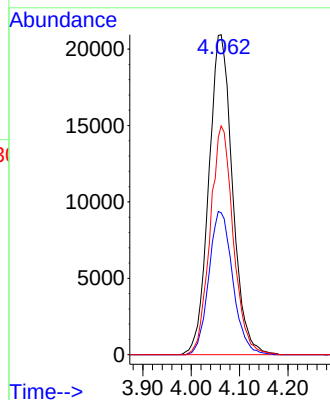
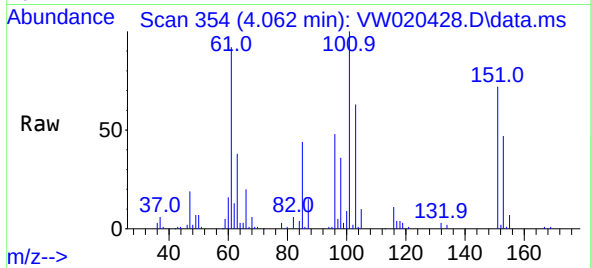




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 24.492 ug/L  
RT: 4.062 min Scan# 354  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

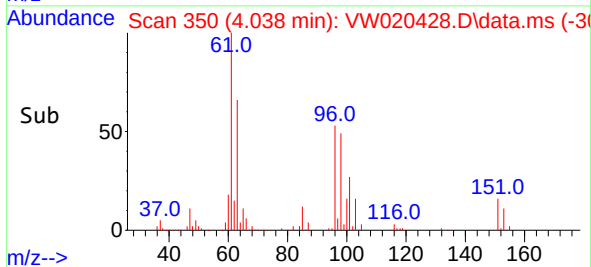
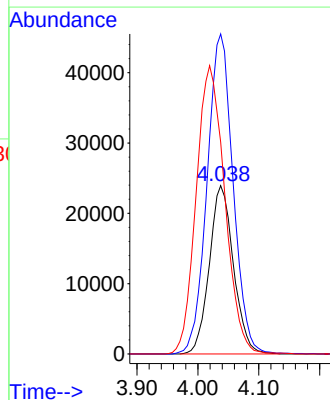
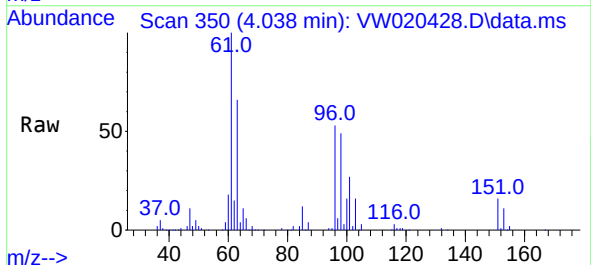
Instrument :  
MSVOA\_W  
ClientSampled :

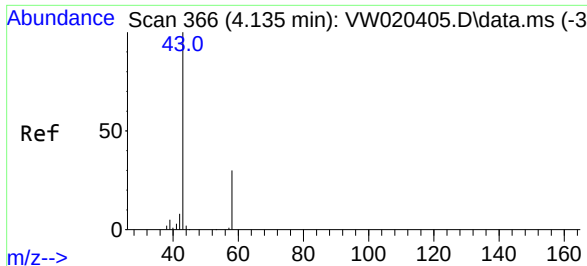
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Ion Ratio Lower Upper  
101 100  
85 45.1 36.3 54.5  
151 69.7 56.5 84.7



#12  
1,1-Dichloroethene  
Concen: 24.643 ug/L  
RT: 4.038 min Scan# 350  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion: 96 Resp: 65870  
Ion Ratio Lower Upper  
96 100  
61 190.1 133.9 248.7  
63 125.8 77.3 143.7

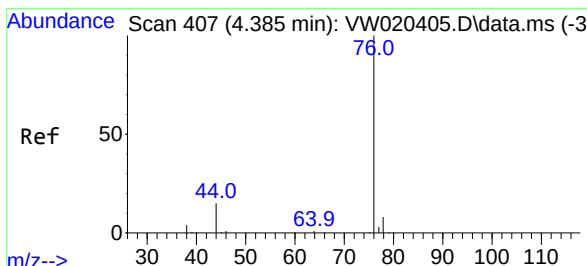
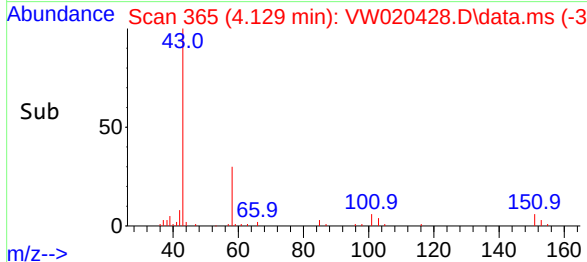
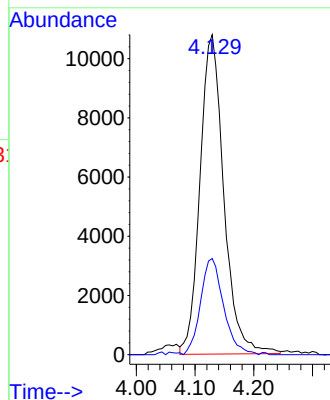
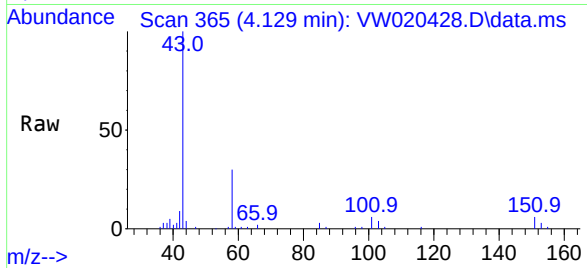




#13  
Acetone  
Concen: 39.319 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. -0.006 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

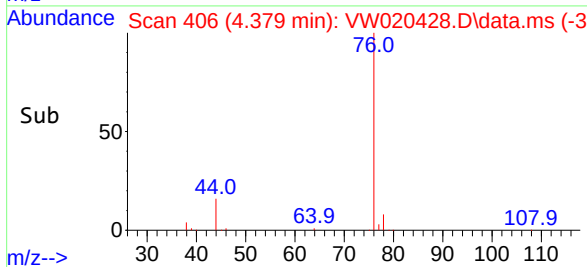
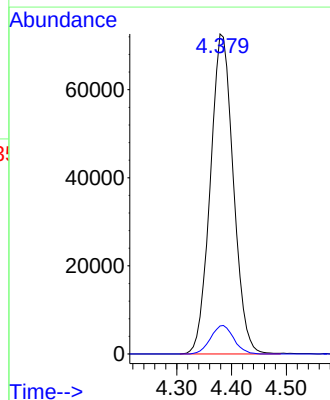
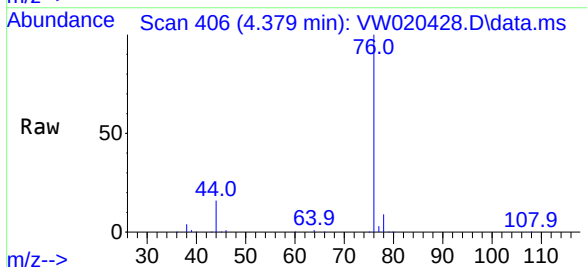
Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 43 Resp: 30391  
Ion Ratio Lower Upper  
43 100  
58 29.0 0.0 58.4

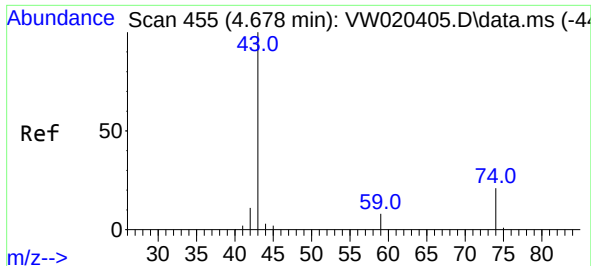


#14  
Carbon disulfide  
Concen: 24.424 ug/L  
RT: 4.379 min Scan# 406  
Delta R.T. -0.006 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion: 76 Resp: 212352  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.4 11.2



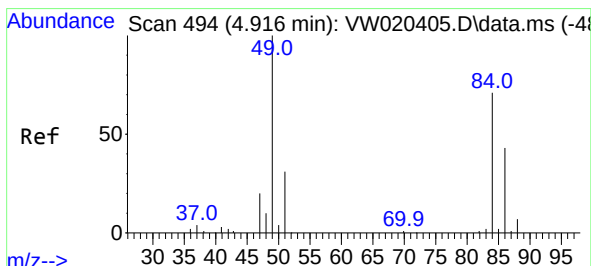
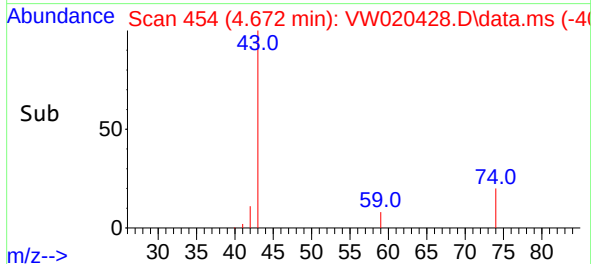
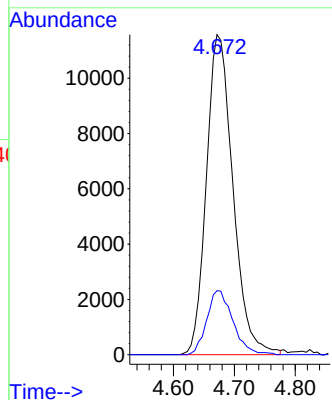
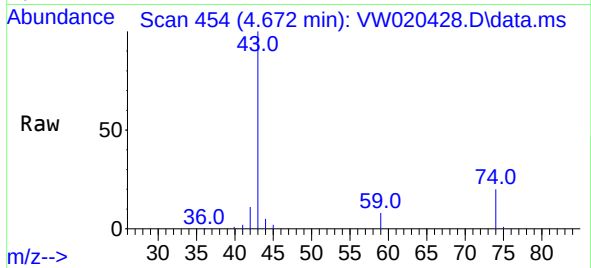




#15  
Methyl Acetate  
Concen: 24.423 ug/L  
RT: 4.672 min Scan# 454  
Delta R.T. -0.006 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

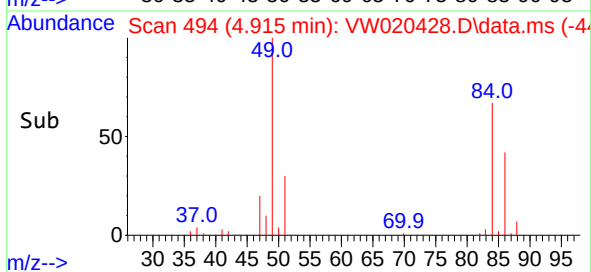
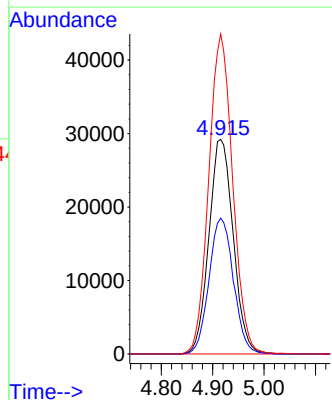
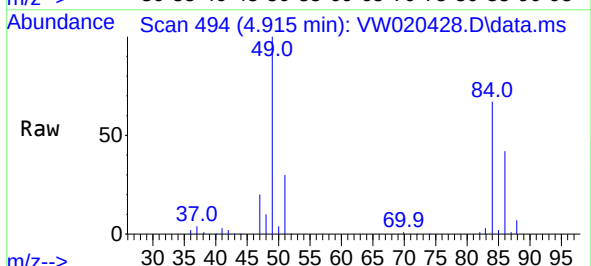
Instrument :  
MSVOA\_W  
ClientSampled :

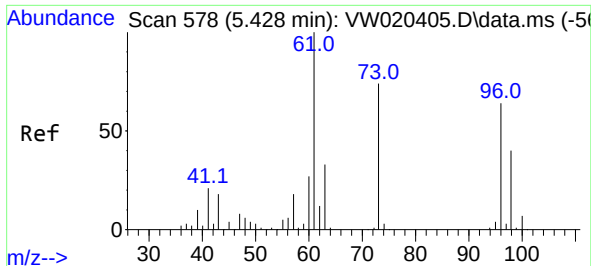
Tgt Ion: 43 Resp: 35056  
Ion Ratio Lower Upper  
43 100  
74 19.5 16.1 24.1



#16  
Methylene chloride  
Concen: 25.992 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion: 84 Resp: 96060  
Ion Ratio Lower Upper  
84 100  
86 63.3 44.7 83.1  
49 149.2 101.7 188.9

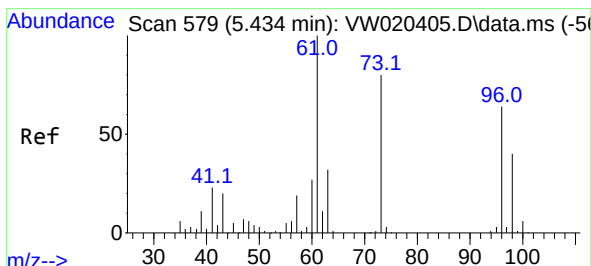
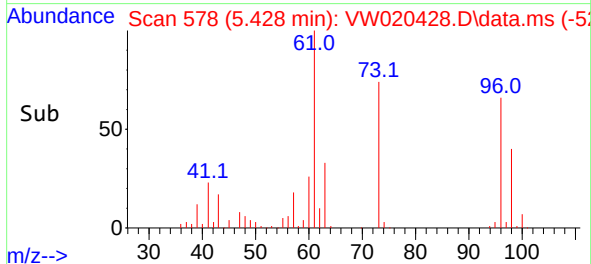
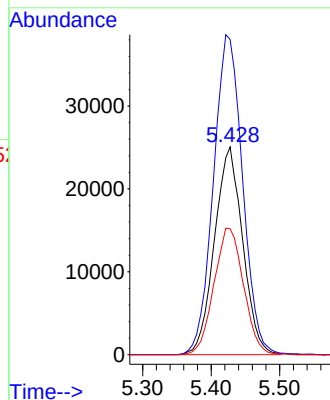
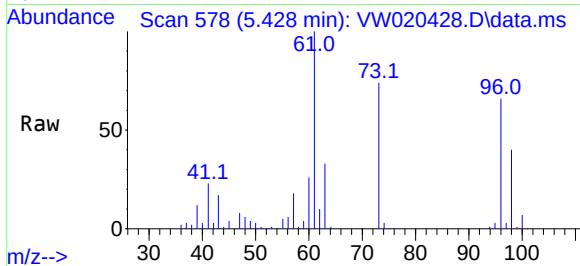




#17  
trans-1,2-Dichloroethene  
Concen: 25.542 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

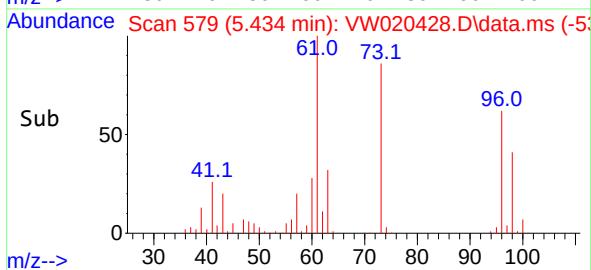
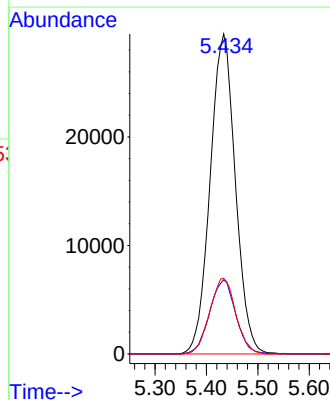
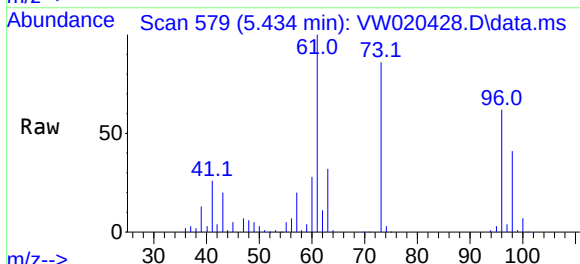
Instrument :  
MSVOA\_W  
ClientSampled :

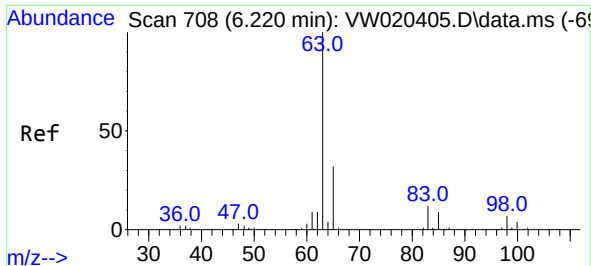
Tgt Ion: 96 Resp: 71632  
Ion Ratio Lower Upper  
96 100  
61 151.8 110.7 205.5  
98 60.6 43.9 81.5



#18  
Methyl tert-butyl Ether  
Concen: 25.432 ug/L  
RT: 5.434 min Scan# 579  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion: 73 Resp: 100484  
Ion Ratio Lower Upper  
73 100  
43 24.1 18.9 28.3  
57 24.3 18.9 28.3





#19

1,1-Dichloroethane

Concen: 25.934 ug/L

RT: 6.220 min Scan# 708

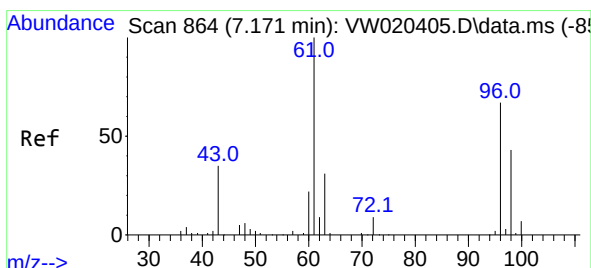
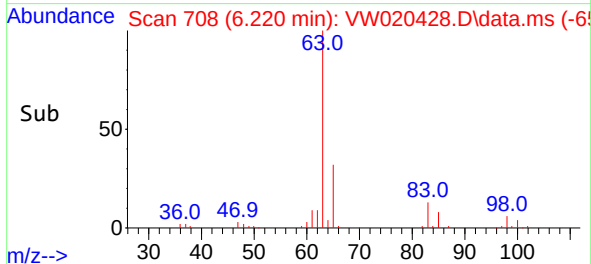
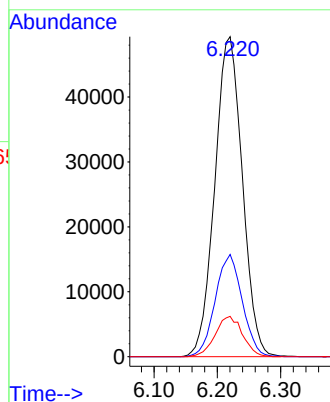
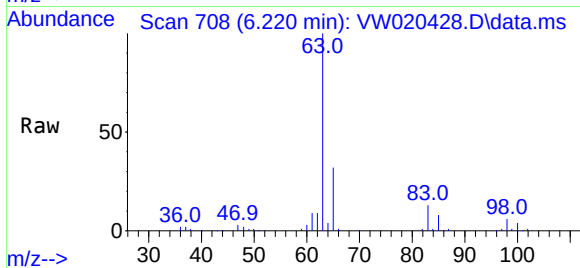
Delta R.T. -0.000 min

Lab File: VW020428.D

Acq: 08 Oct 2021 23:15

Tgt Ion: 63 Resp: 149097

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 32.0  | 21.9  | 40.7  |
| 83  | 12.6  | 9.0   | 16.6  |



#20

cis-1,2-Dichloroethene

Concen: 26.000 ug/L

RT: 7.171 min Scan# 864

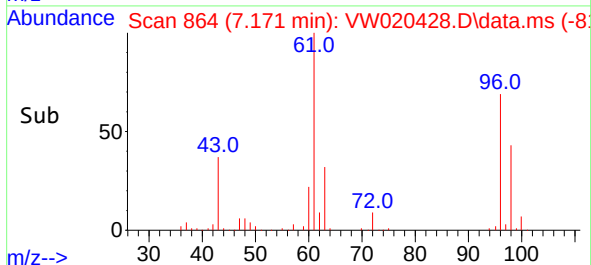
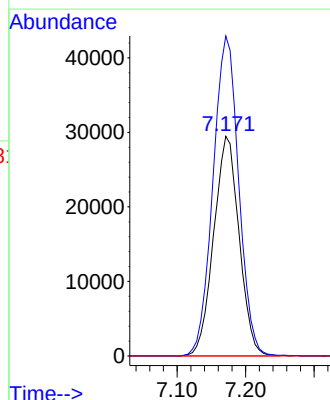
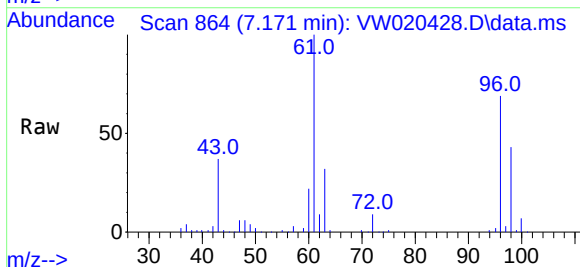
Delta R.T. -0.000 min

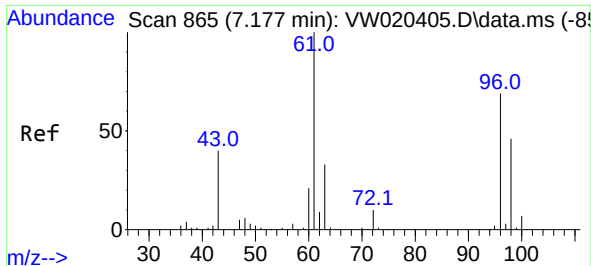
Lab File: VW020428.D

Acq: 08 Oct 2021 23:15

Tgt Ion: 96 Resp: 75789

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 145.6 | 100.3 | 186.3 |
| 68  | 0.0   | 0.0   | 0.0   |

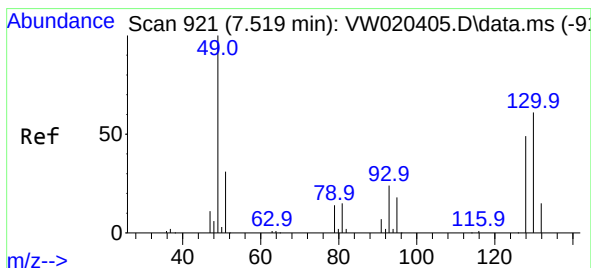
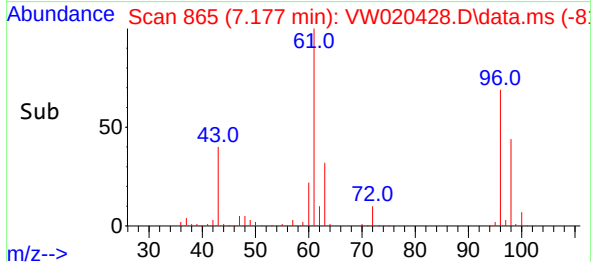
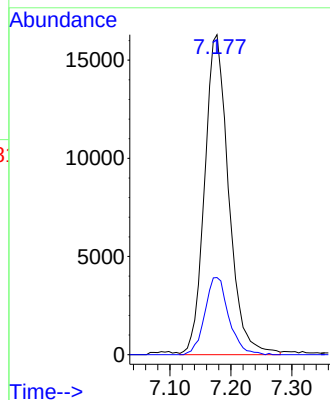
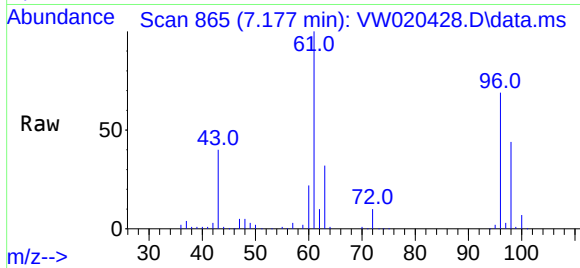




#22  
2-Butanone  
Concen: 46.231 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

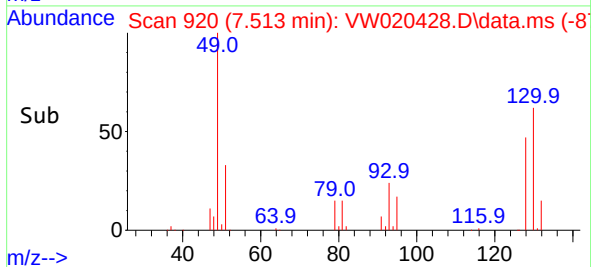
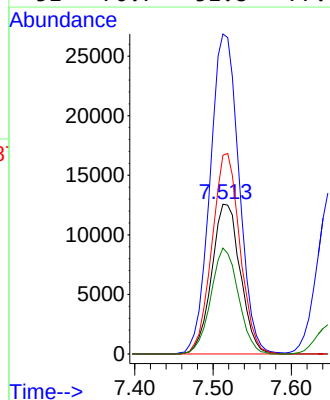
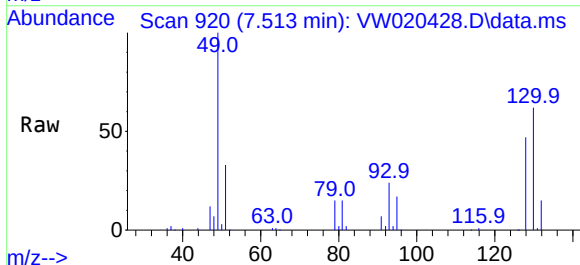
Instrument :  
MSVOA\_W  
ClientSampled :

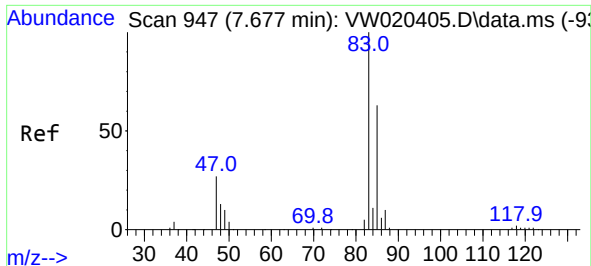
Tgt Ion: 43 Resp: 44730  
Ion Ratio Lower Upper  
43 100  
72 23.9 12.2 36.6



#23  
Bromochloromethane  
Concen: 24.960 ug/L  
RT: 7.513 min Scan# 920  
Delta R.T. -0.006 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion: 128 Resp: 31911  
Ion Ratio Lower Upper  
128 100  
49 213.6 144.1 267.7  
130 132.7 89.2 165.6  
51 70.7 51.8 77.8

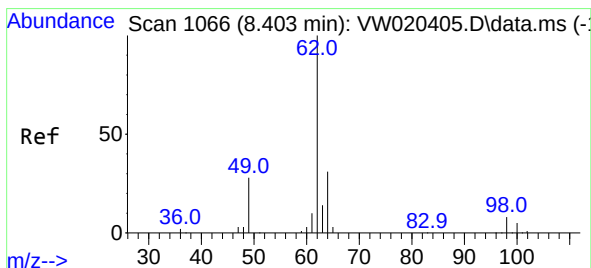
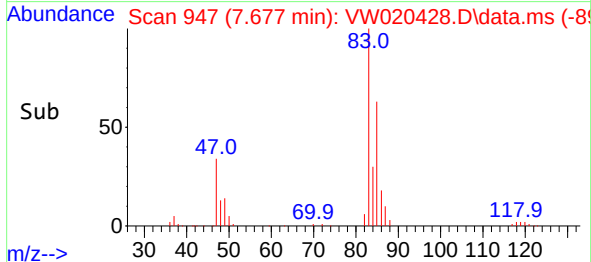
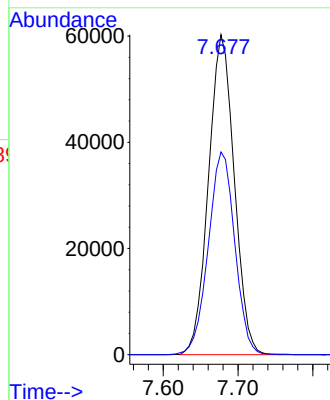
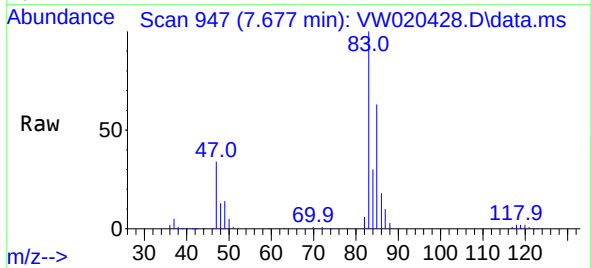




#25  
Chloroform  
Concen: 25.839 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

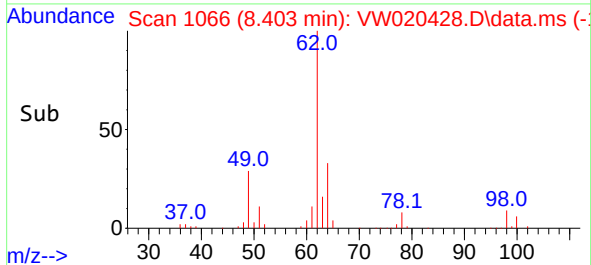
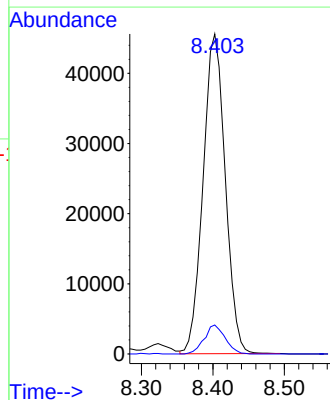
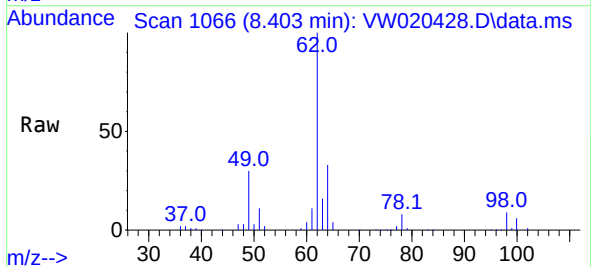
Instrument :  
MSVOA\_W  
ClientSampled :

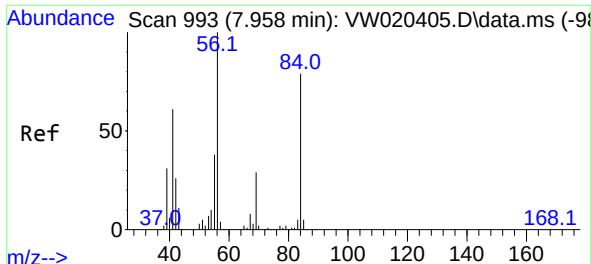
Tgt Ion: 83 Resp: 144415  
Ion Ratio Lower Upper  
83 100  
85 63.4 44.6 82.8



#27  
1,2-Dichloroethane  
Concen: 25.691 ug/L  
RT: 8.403 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

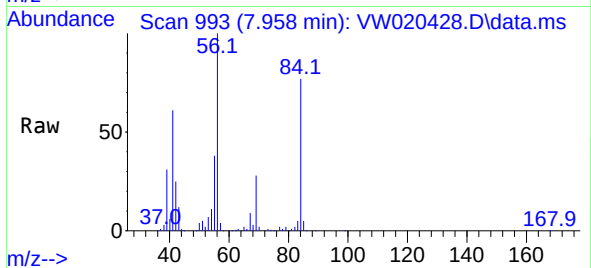
Tgt Ion: 62 Resp: 98212  
Ion Ratio Lower Upper  
62 100  
98 9.0 6.6 10.0



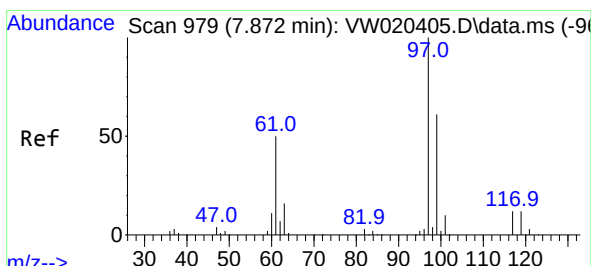
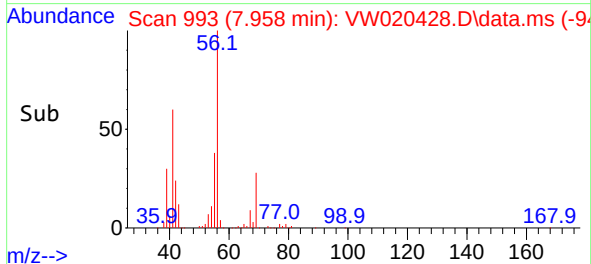
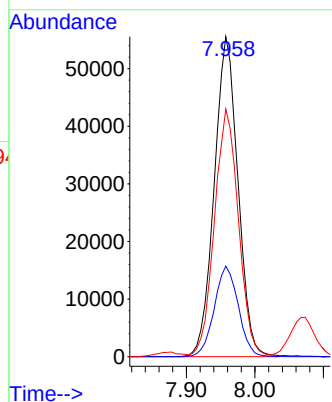


#29  
Cyclohexane  
Concen: 25.248 ug/L  
RT: 7.958 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Instrument :  
MSVOA\_W  
ClientSampleId :

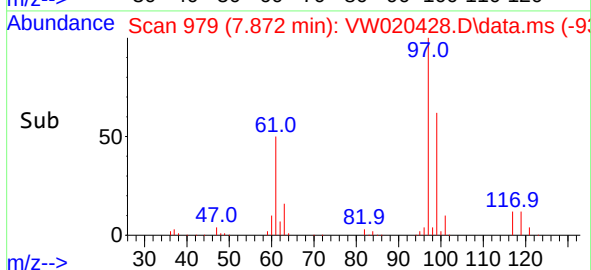
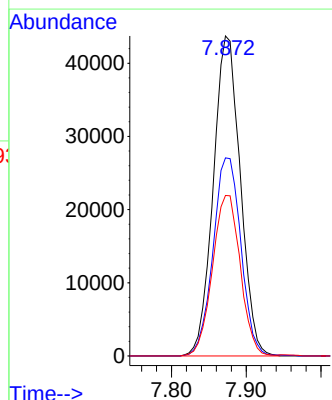
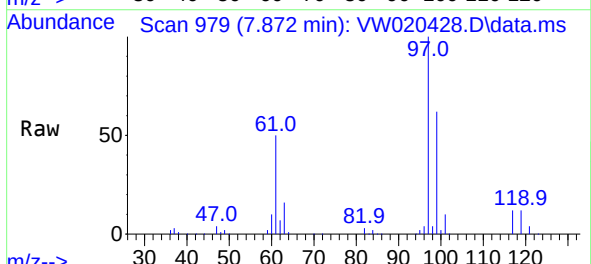


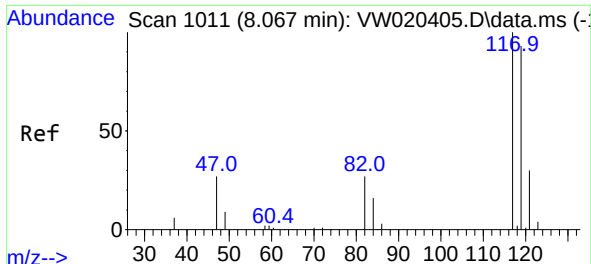
Tgt Ion: 56 Resp: 133312  
Ion Ratio Lower Upper  
56 100  
69 28.6 23.2 34.8  
84 78.4 63.7 95.5



#30  
1,1,1-Trichloroethane  
Concen: 24.486 ug/L  
RT: 7.872 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion: 97 Resp: 109704  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.4 77.0  
61 51.6 41.0 61.6

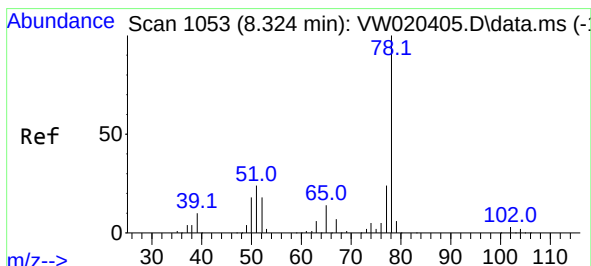
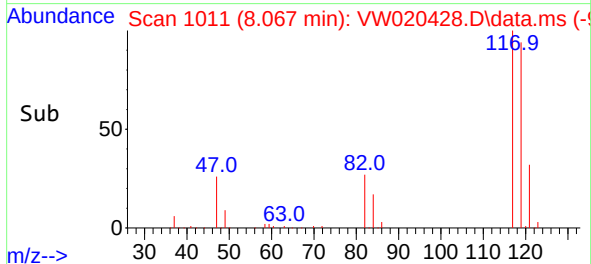
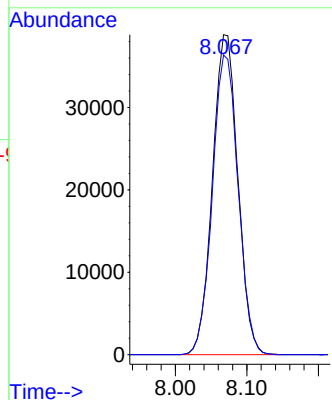
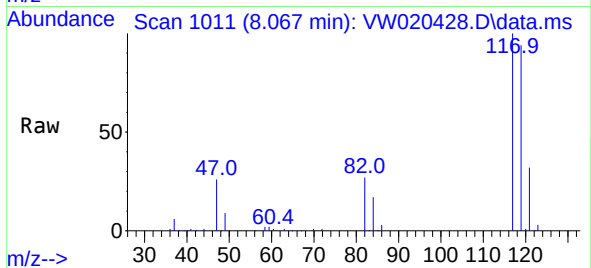




#31  
Carbon tetrachloride  
Concen: 24.288 ug/L  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

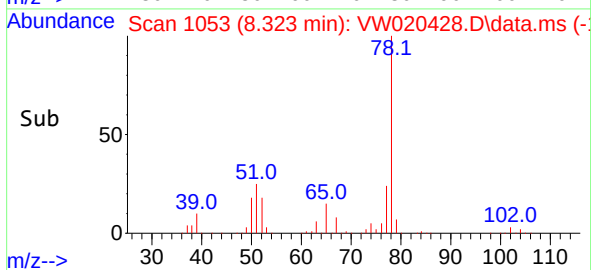
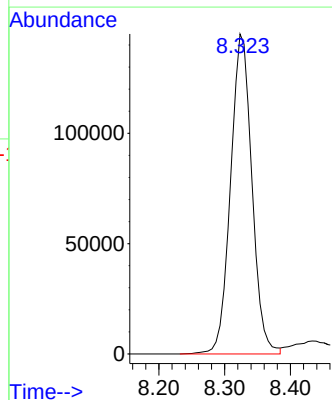
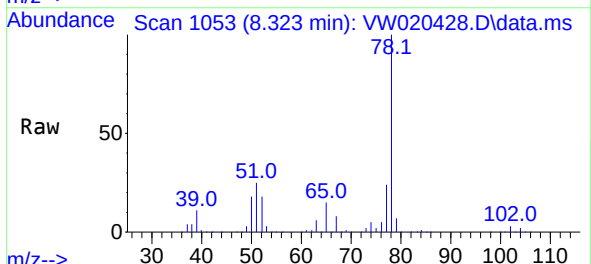
Instrument :  
MSVOA\_W  
ClientSampled :

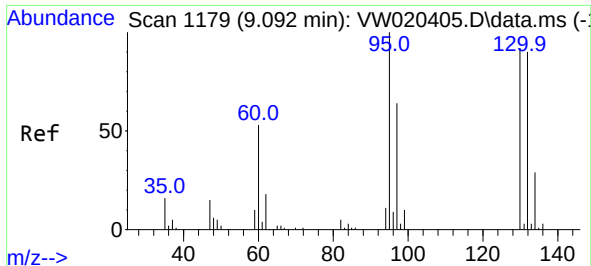
Tgt Ion:117 Resp: 95675  
Ion Ratio Lower Upper  
117 100  
119 95.1 77.0 115.4



#33  
Benzene  
Concen: 25.496 ug/L  
RT: 8.323 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion: 78 Resp: 327522



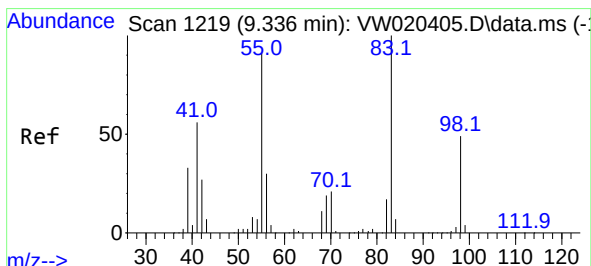
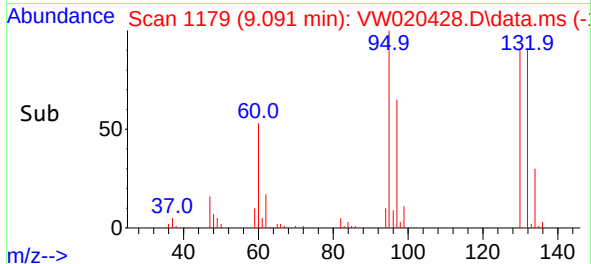
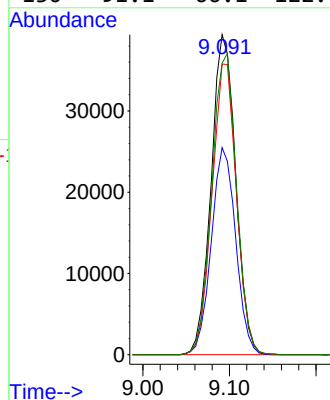
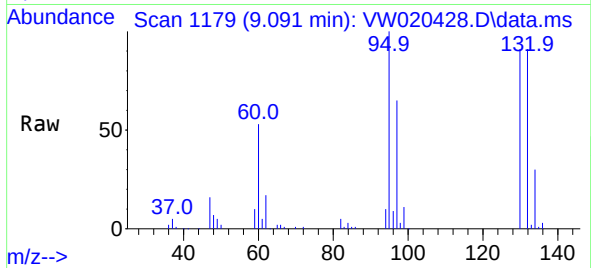


#34  
Trichloroethene  
Concen: 24.516 ug/L  
RT: 9.091 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 95 Resp: 77585

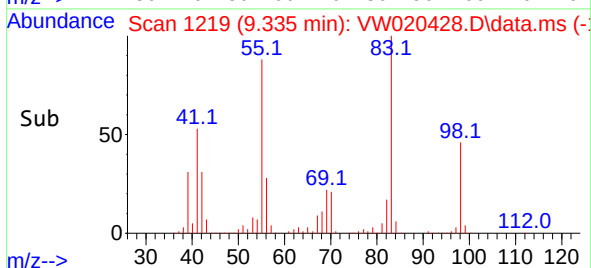
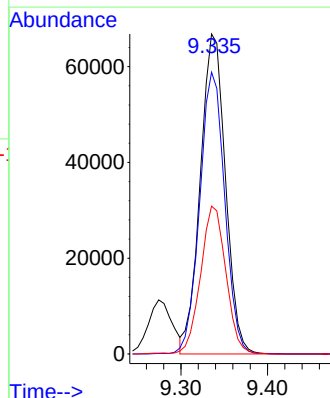
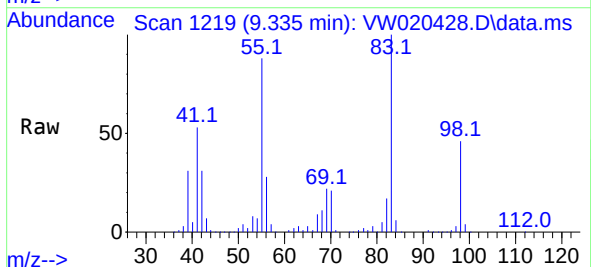
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.7  | 43.2  | 80.2  |
| 132 | 90.8  | 62.3  | 115.7 |
| 130 | 91.1  | 66.1  | 122.7 |



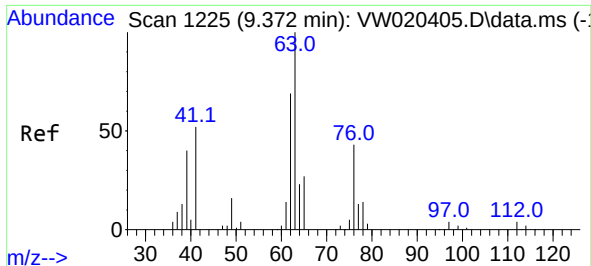
#35  
Methylcyclohexane  
Concen: 24.907 ug/L  
RT: 9.335 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion: 83 Resp: 134887

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 87.4  | 69.7  | 104.5 |
| 98  | 46.4  | 38.2  | 57.2  |



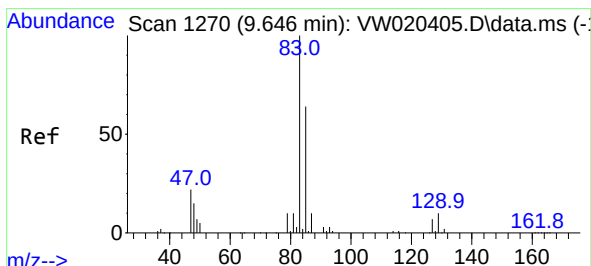
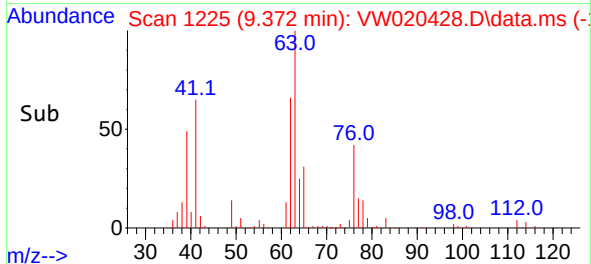
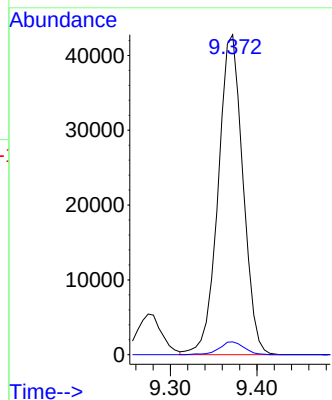
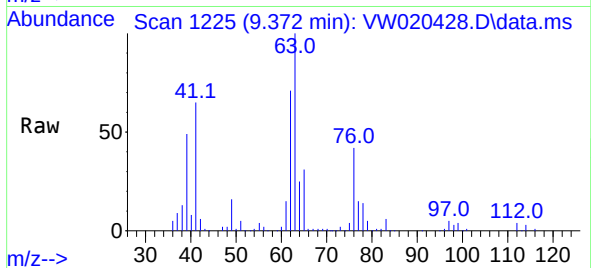




#37  
1,2-Dichloropropane  
Concen: 25.532 ug/L  
RT: 9.372 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

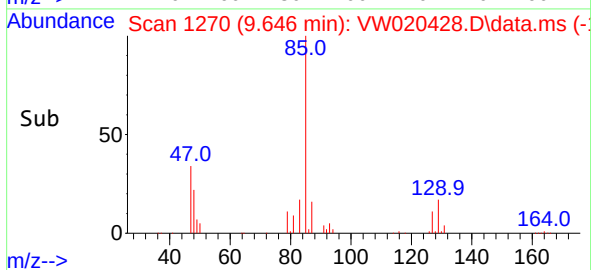
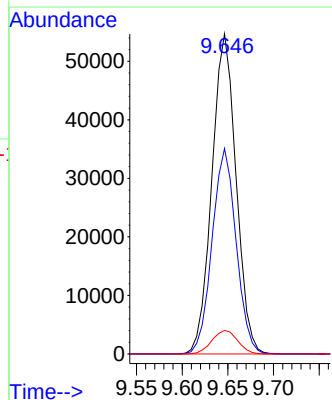
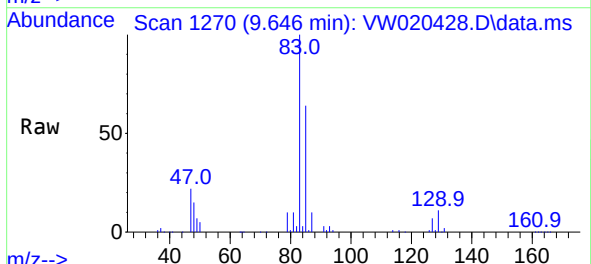
Instrument :  
MSVOA\_W  
ClientSampled :

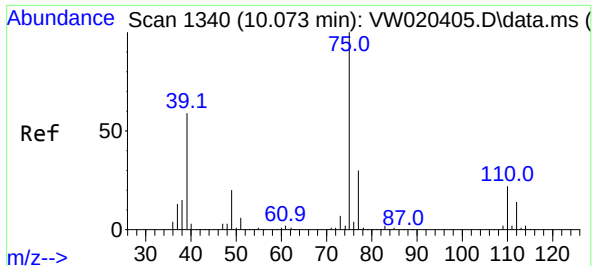
Tgt Ion: 63 Resp: 84935  
Ion Ratio Lower Upper  
63 100  
112 4.0 3.5 5.3



#38  
Bromodichloromethane  
Concen: 25.237 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion: 83 Resp: 100656  
Ion Ratio Lower Upper  
83 100  
85 64.2 43.4 80.6  
127 7.4 6.2 9.2

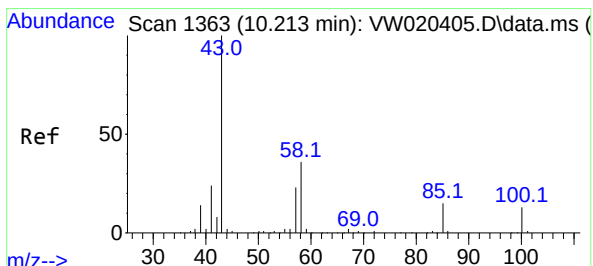
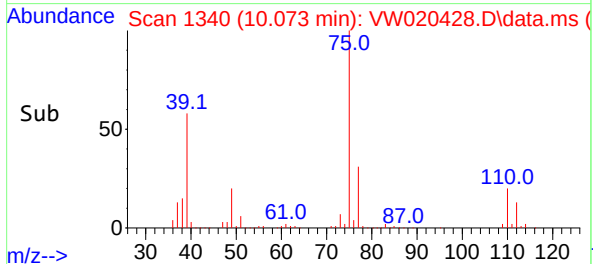
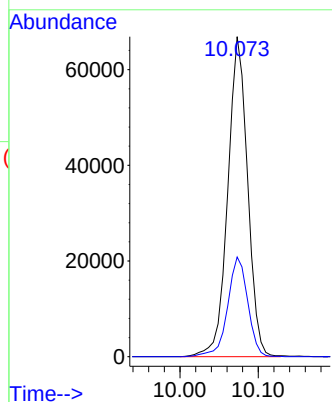
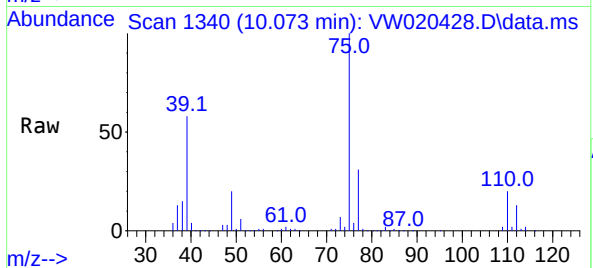




#39  
cis-1,3-Dichloropropene  
Concen: 25.595 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

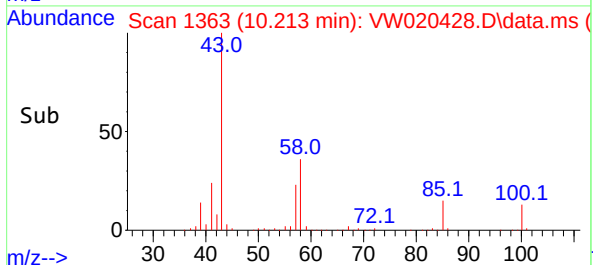
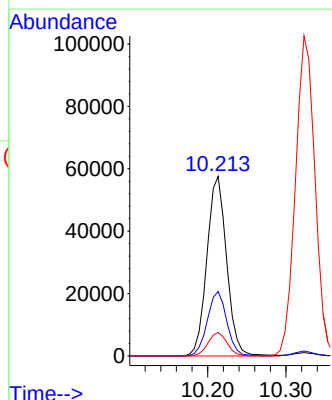
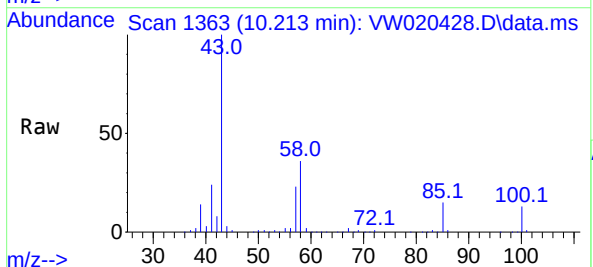
Instrument :  
MSVOA\_W  
ClientSampled :

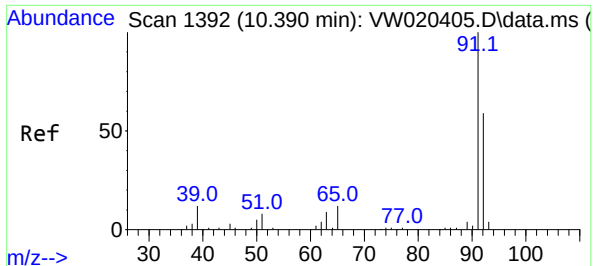
Tgt Ion: 75 Resp: 117471  
Ion Ratio Lower Upper  
75 100  
77 31.1 22.4 41.6



#40  
4-Methyl-2-pentanone  
Concen: 50.371 ug/L  
RT: 10.213 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion: 43 Resp: 100571  
Ion Ratio Lower Upper  
43 100  
58 35.5 29.0 43.4  
100 12.7 10.2 15.4





#42

Toluene

Concen: 26.198 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020428.D

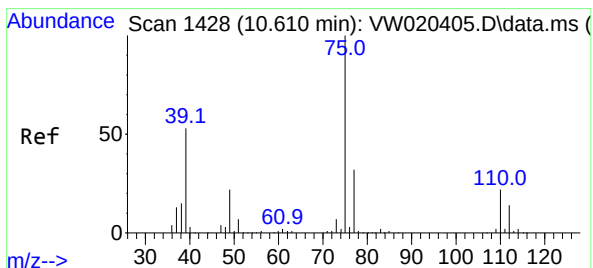
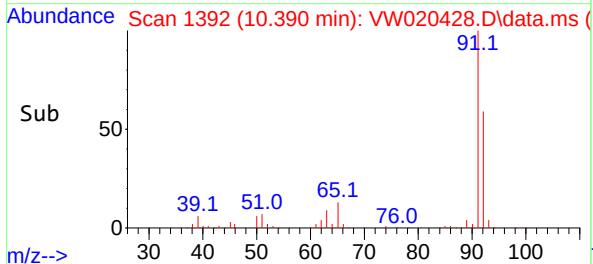
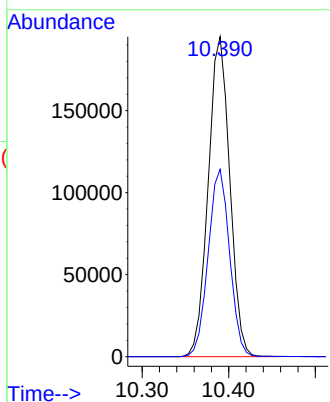
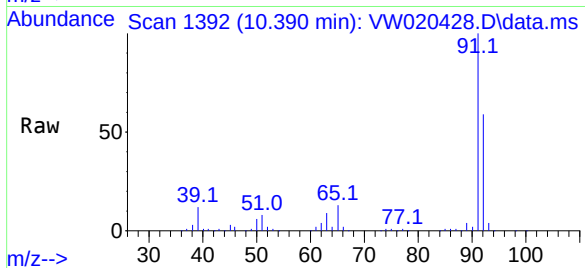
Acq: 08 Oct 2021 23:15

Tgt Ion: 91 Resp: 337555

Ion Ratio Lower Upper

91 100

92 58.6 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 25.512 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VW020428.D

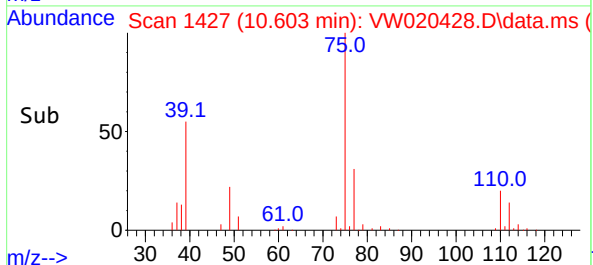
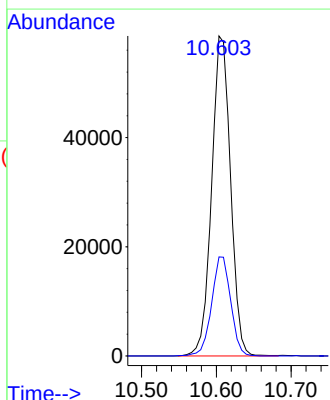
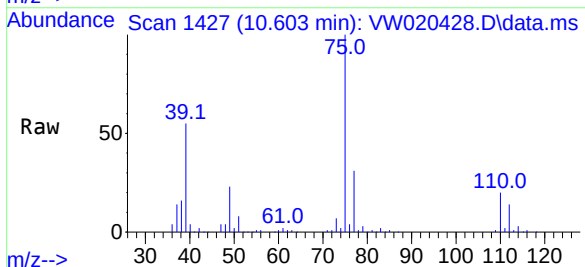
Acq: 08 Oct 2021 23:15

Tgt Ion: 75 Resp: 103224

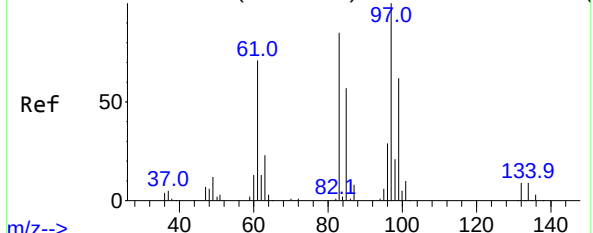
Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4



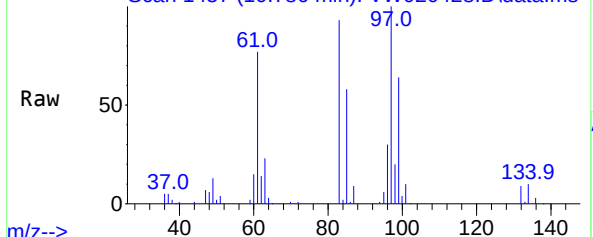
Abundance Scan 1457 (10.787 min): VW020405.D\data.ms (



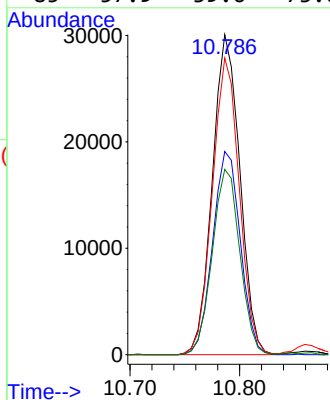
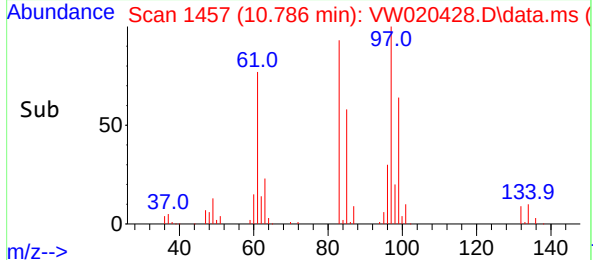
#45  
1,1,2-Trichloroethane  
Concen: 24.594 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 52531 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 63.5  | 42.8  | 79.4  |
| 83       | 92.7  | 60.9  | 113.1 |
| 85       | 57.9  | 39.6  | 73.6  |

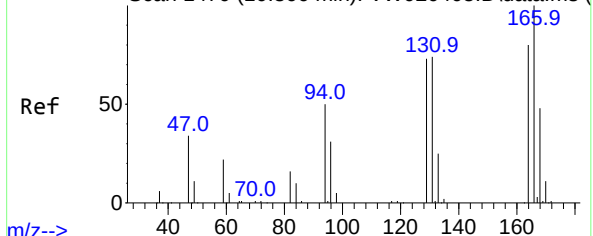
m/z--> Abundance Scan 1457 (10.786 min): VW020428.D\data.ms



m/z--> Abundance Scan 1457 (10.786 min): VW020428.D\data.ms (



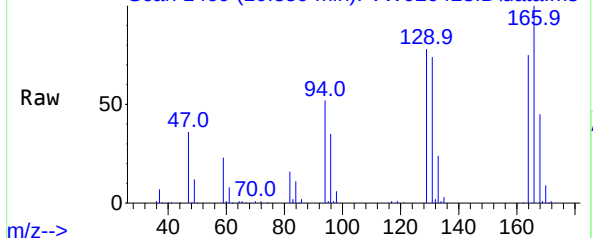
Abundance Scan 1470 (10.866 min): VW020405.D\data.ms (



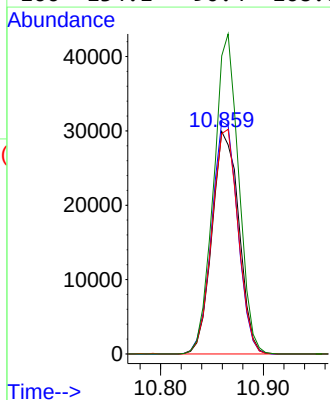
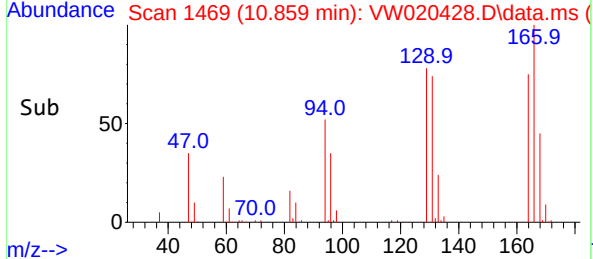
#46  
Tetrachloroethene  
Concen: 23.817 ug/L  
RT: 10.859 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

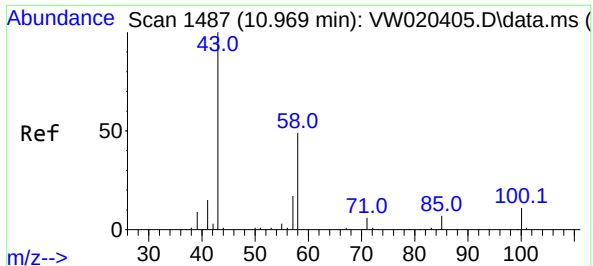
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 54139 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 104.5 | 69.1  | 128.3 |
| 131      | 99.1  | 58.3  | 108.3 |
| 166      | 134.1 | 90.4  | 168.0 |

m/z--> Abundance Scan 1469 (10.859 min): VW020428.D\data.ms



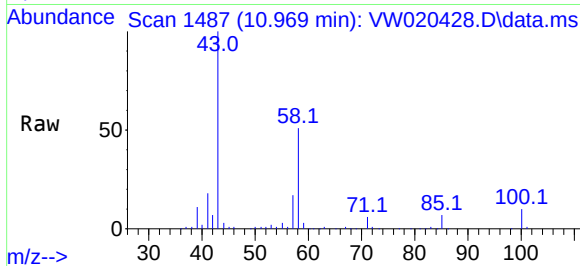
m/z--> Abundance Scan 1469 (10.859 min): VW020428.D\data.ms (



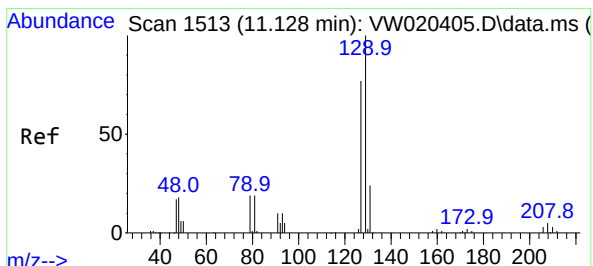
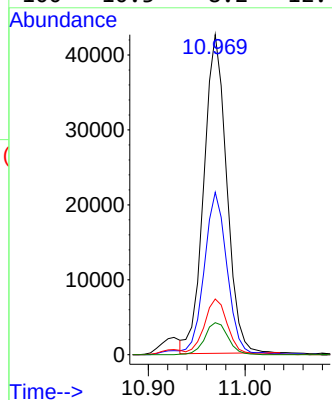
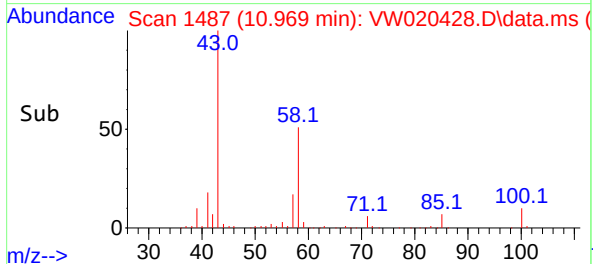


#48  
2-Hexanone  
Concen: 47.740 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

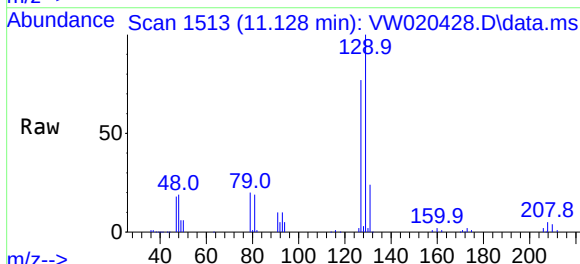
Instrument :  
MSVOA\_W  
ClientSampled :



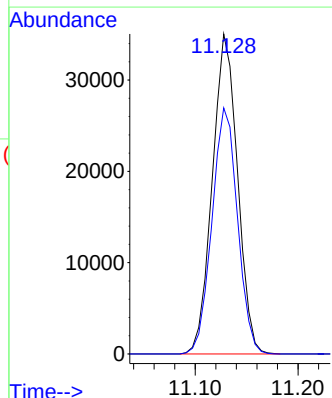
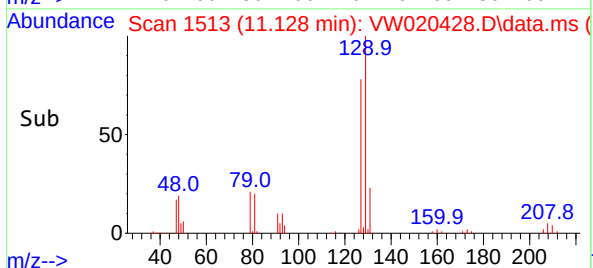
Tgt Ion: 43 Resp: 69934  
Ion Ratio Lower Upper  
43 100  
58 49.5 39.5 59.3  
57 17.8 14.2 21.4  
100 10.3 8.2 12.4

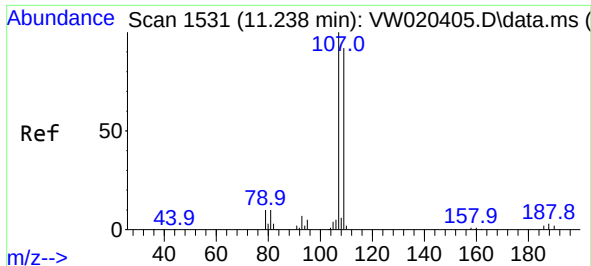


#49  
Dibromochloromethane  
Concen: 25.389 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15



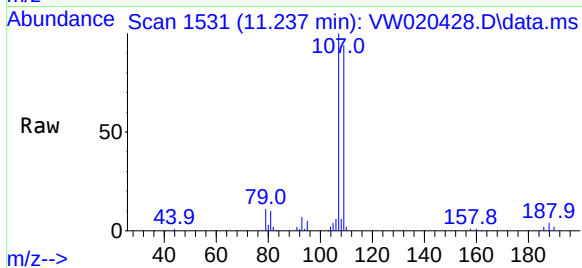
Tgt Ion: 129 Resp: 59743  
Ion Ratio Lower Upper  
129 100  
127 76.9 55.1 102.3



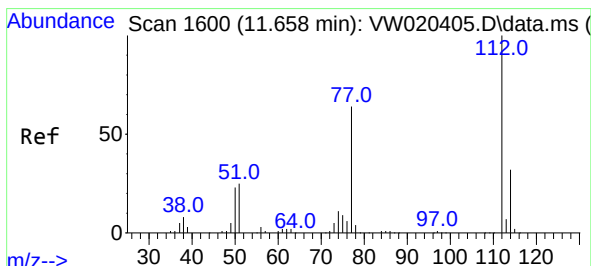
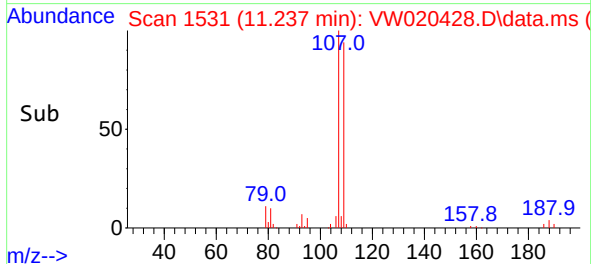
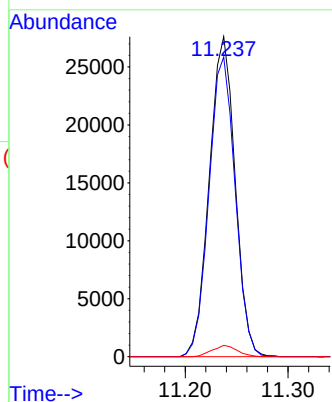


#50  
1,2-Dibromoethane  
Concen: 24.580 ug/L  
RT: 11.237 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

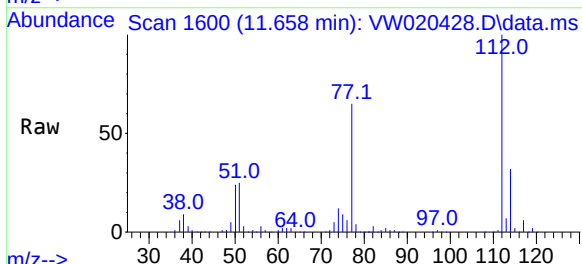
Instrument :  
MSVOA\_W  
ClientSampleId :



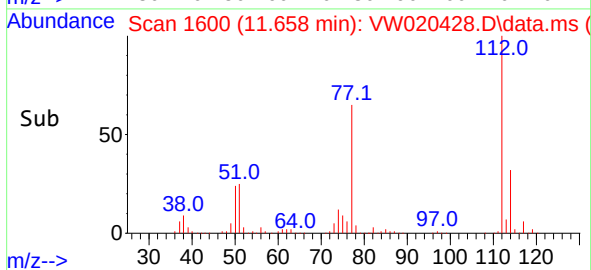
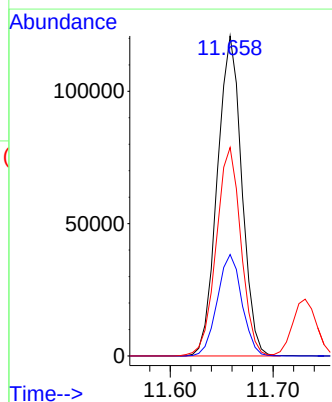
Tgt Ion:107 Resp: 48223  
Ion Ratio Lower Upper  
107 100  
109 93.7 64.5 119.9  
188 3.5 3.2 4.8

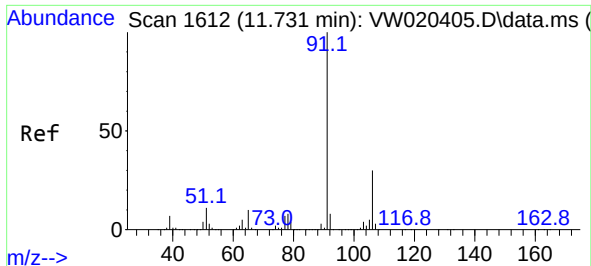


#51  
Chlorobenzene  
Concen: 25.131 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15



Tgt Ion:112 Resp: 199675  
Ion Ratio Lower Upper  
112 100  
114 31.7 22.3 41.5  
77 65.1 50.7 76.1

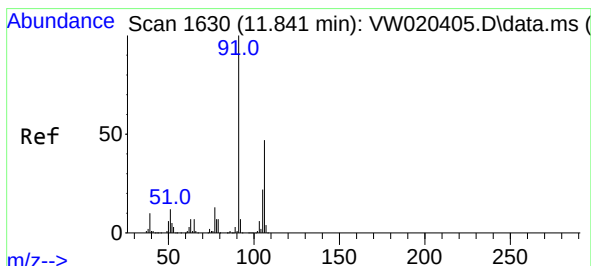
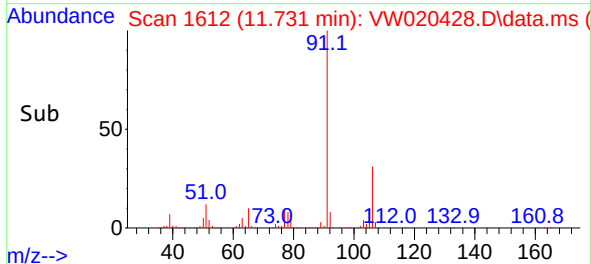
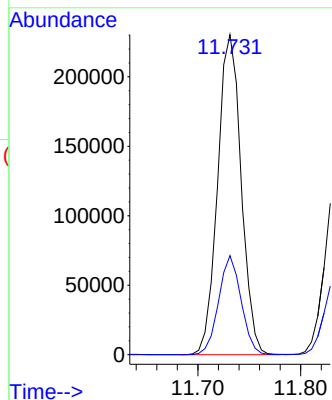
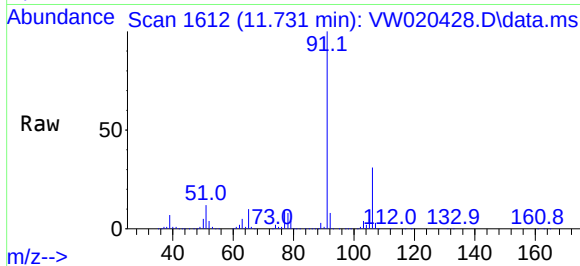




#52  
Ethylbenzene  
Concen: 26.192 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

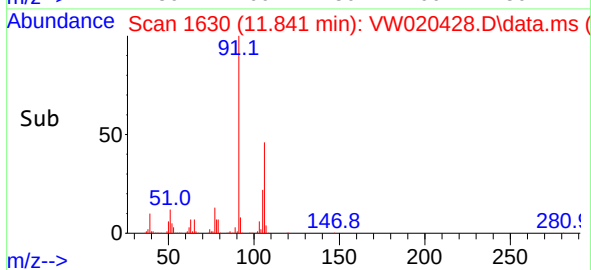
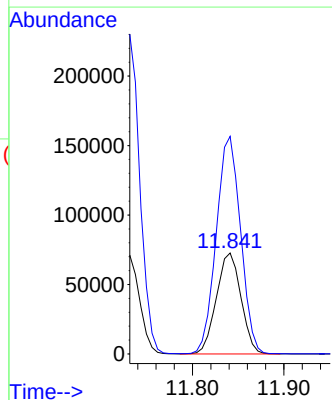
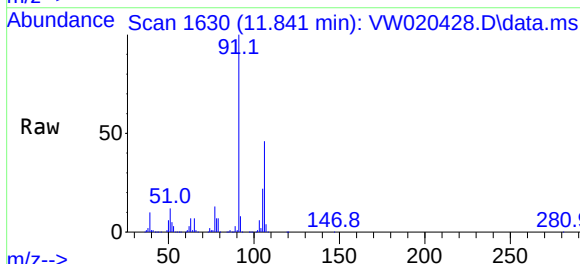
Instrument :  
MSVOA\_W  
ClientSampled :

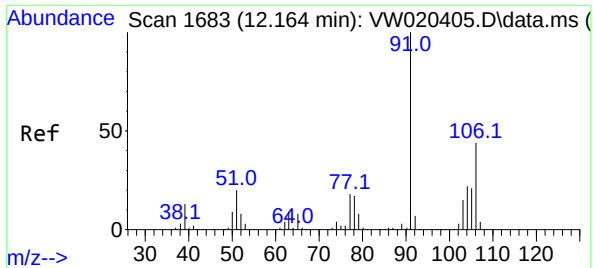
Tgt Ion: 91 Resp: 365961  
Ion Ratio Lower Upper  
91 100  
106 30.9 21.3 39.5



#53  
m,p-Xylene  
Concen: 26.236 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion:106 Resp: 135824  
Ion Ratio Lower Upper  
106 100  
91 215.7 148.2 275.2

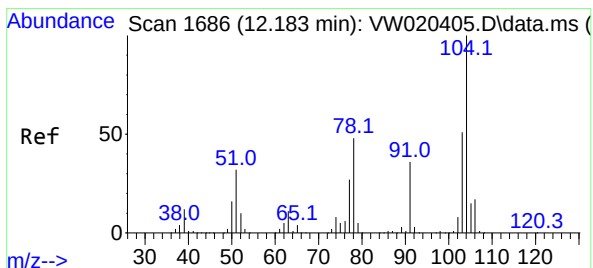
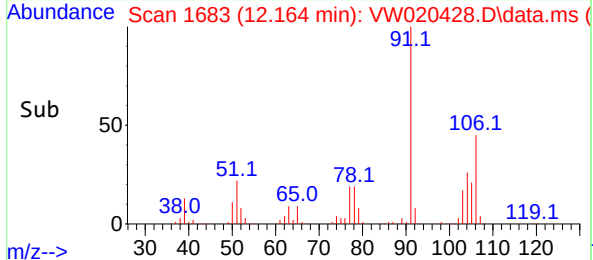
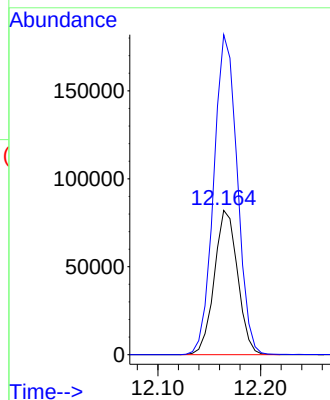
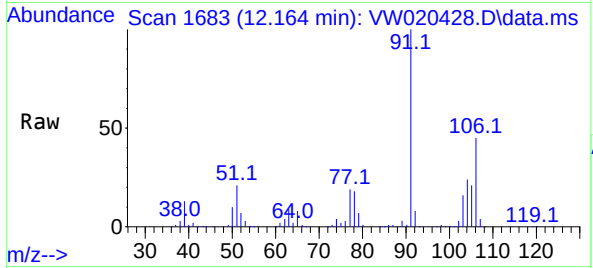




#54  
o-Xylene  
Concen: 27.005 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

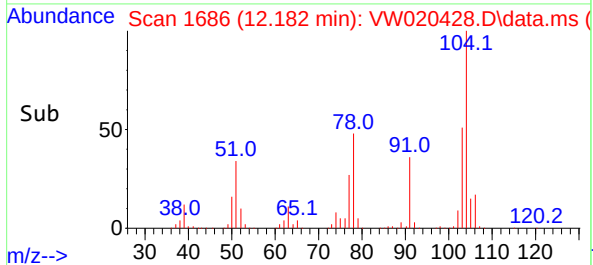
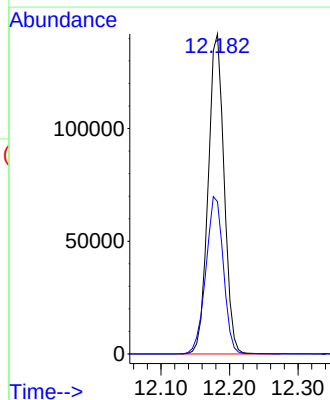
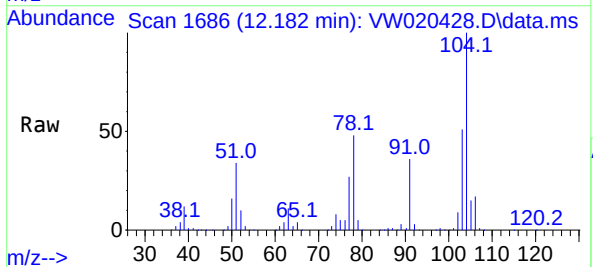
Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:106 Resp: 129110  
Ion Ratio Lower Upper  
106 100  
91 221.7 156.1 289.9

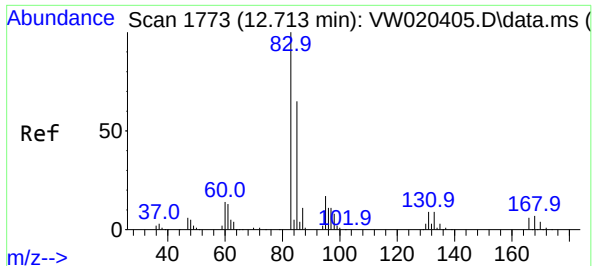


#55  
Styrene  
Concen: 27.494 ug/L  
RT: 12.182 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion:104 Resp: 229832  
Ion Ratio Lower Upper  
104 100  
78 47.6 33.2 61.7



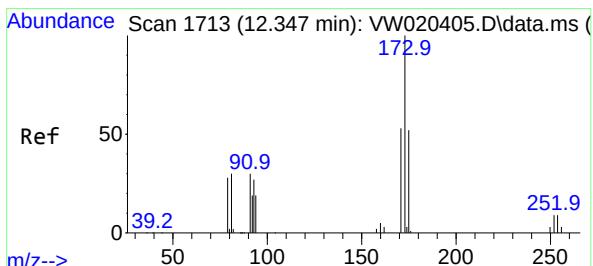
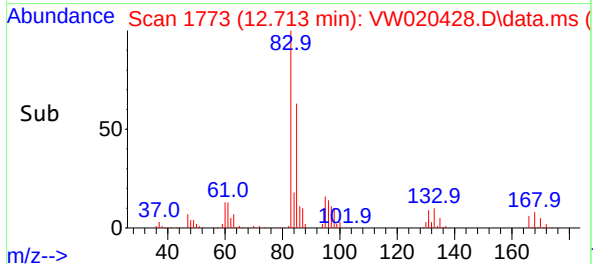
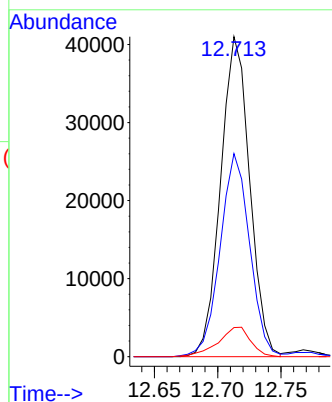
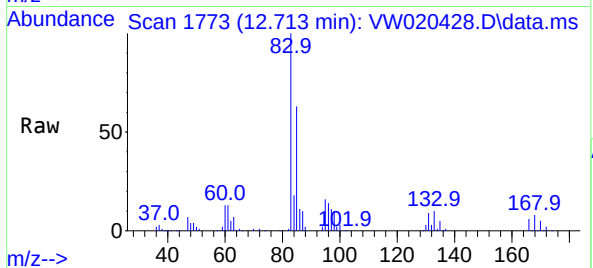




#57  
1,1,2,2-Tetrachloroethane  
Concen: 24.759 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

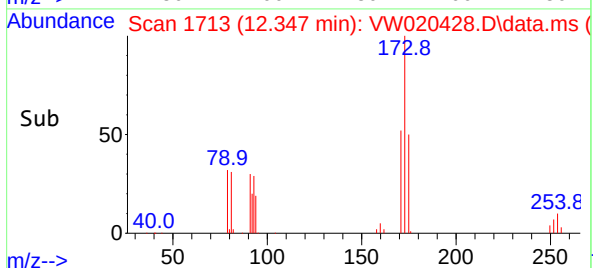
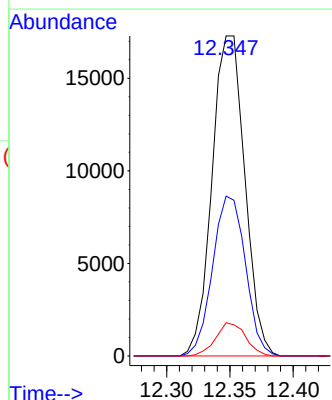
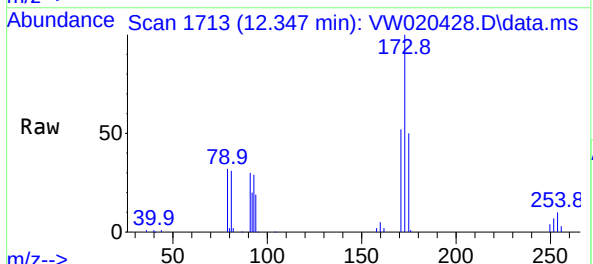
Instrument :  
MSVOA\_W  
ClientSampled :

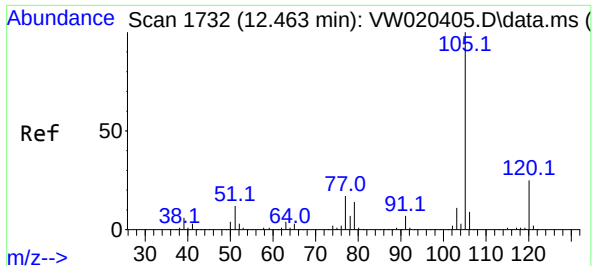
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 65556 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.5  | 45.9  | 85.3  |
| 131      | 9.1   | 7.4   | 11.2  |



#59  
Bromoform  
Concen: 24.416 ug/L  
RT: 12.347 min Scan# 1713  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 31204 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 49.9  | 38.6  | 57.8  |
| 254      | 9.5   | 7.3   | 10.9  |

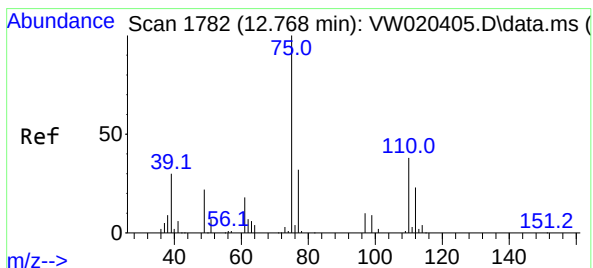
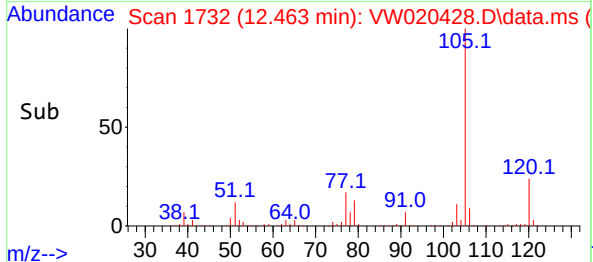
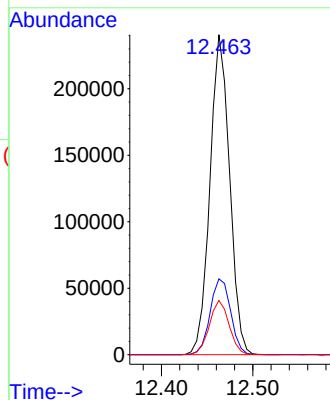
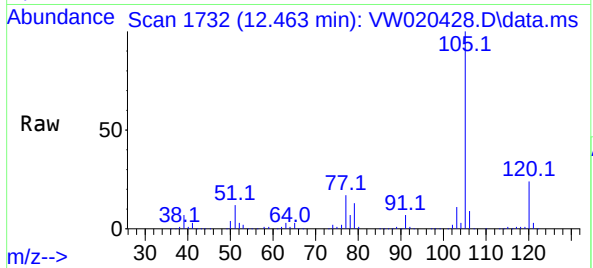




#60  
Isopropylbenzene  
Concen: 26.785 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

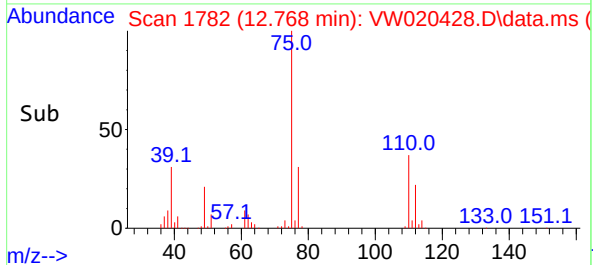
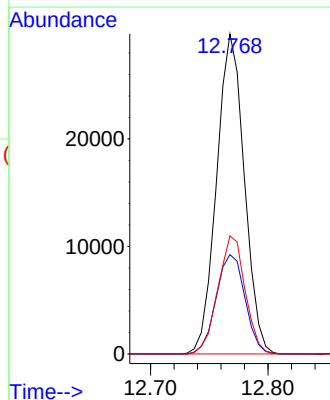
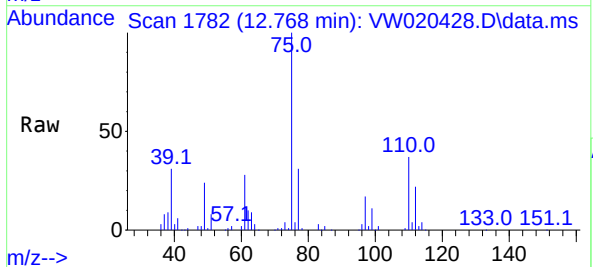
Instrument :  
MSVOA\_W  
ClientSampled :

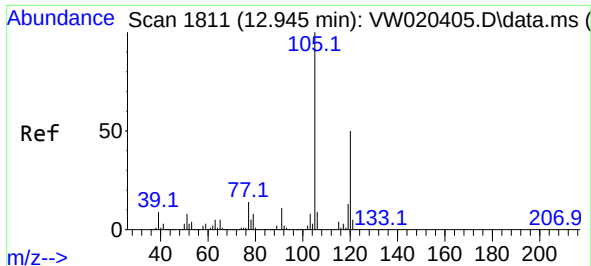
Tgt Ion:105 Resp: 358647  
Ion Ratio Lower Upper  
105 100  
120 24.8 20.3 30.5  
77 17.0 13.8 20.6



#61  
1,2,3-Trichloropropane  
Concen: 24.237 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion: 75 Resp: 48711  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.1 37.7  
110 36.3 29.4 44.0

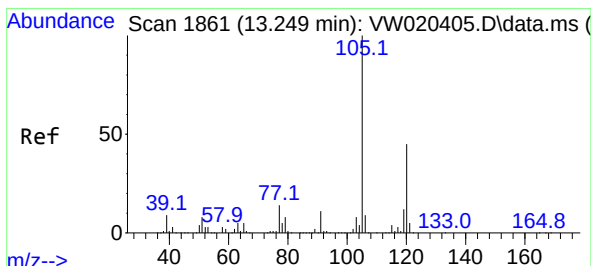
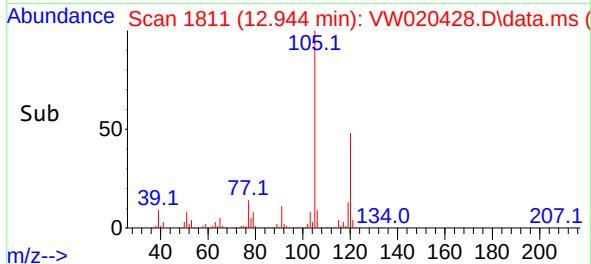
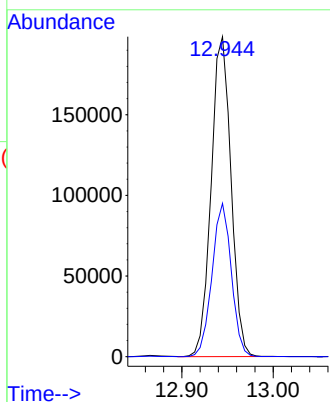
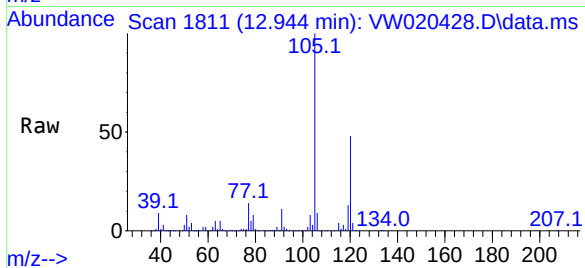




#62  
1,3,5-Trimethylbenzene  
Concen: 27.351 ug/L  
RT: 12.944 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

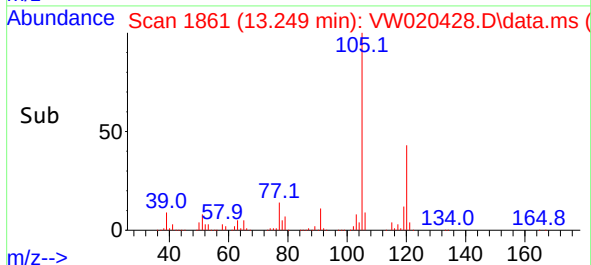
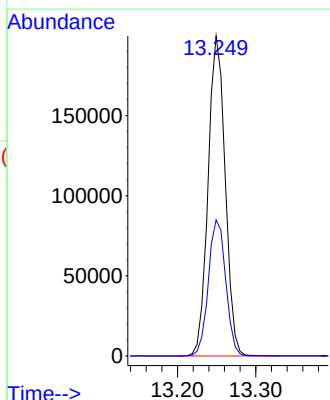
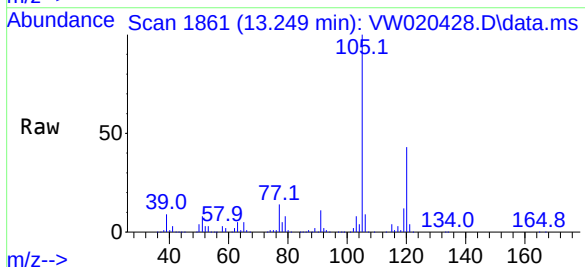
Instrument :  
MSVOA\_W  
ClientSampled :

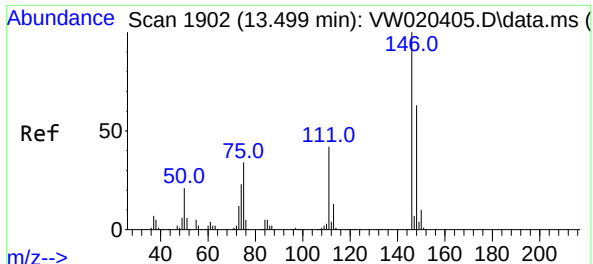
Tgt Ion:105 Resp: 299014  
Ion Ratio Lower Upper  
105 100  
120 46.7 37.9 56.9



#63  
1,2,4-Trimethylbenzene  
Concen: 27.890 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion:105 Resp: 302015  
Ion Ratio Lower Upper  
105 100  
120 43.2 35.4 53.2



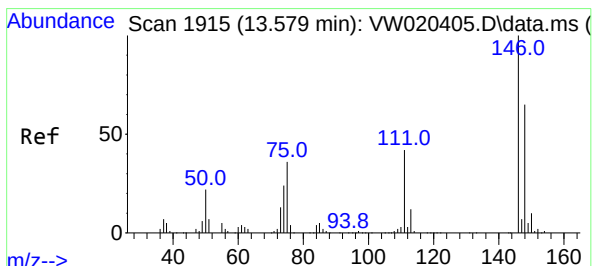
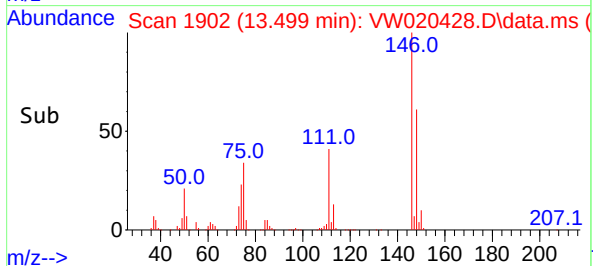
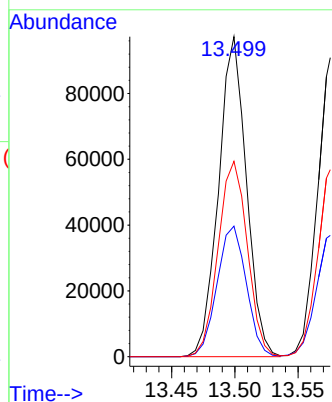
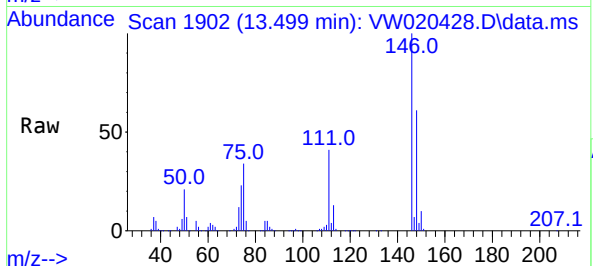


#64

1,3-Dichlorobenzene  
Concen: 25.698 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Instrument :  
MSVOA\_W  
ClientSampleId :

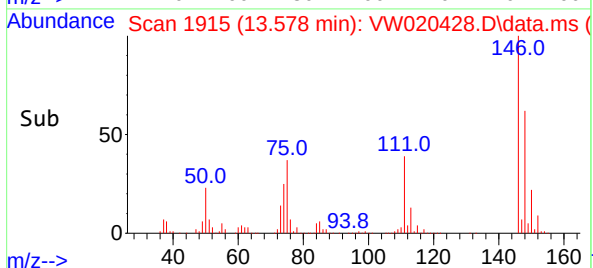
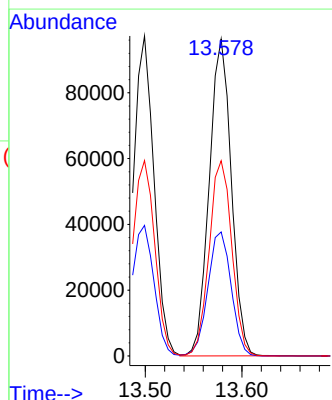
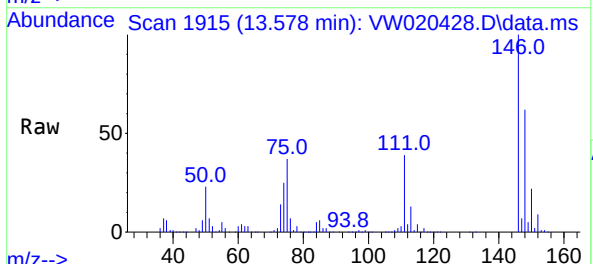
Tgt Ion:146 Resp: 148887  
Ion Ratio Lower Upper  
146 100  
111 40.8 29.0 53.8  
148 61.1 42.4 78.6

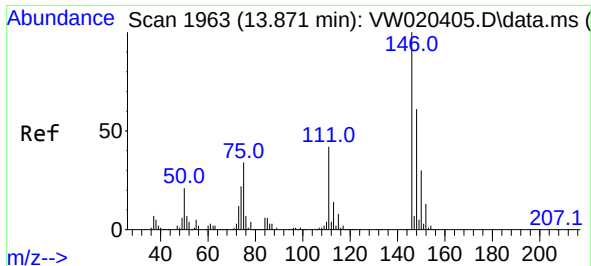


#65

1,4-Dichlorobenzene  
Concen: 25.512 ug/L  
RT: 13.578 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion:146 Resp: 152881  
Ion Ratio Lower Upper  
146 100  
111 39.1 30.9 57.5  
148 61.6 46.1 85.7

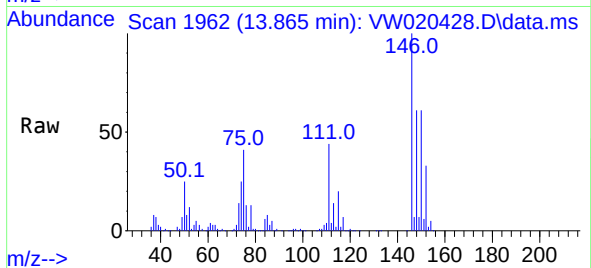




#67

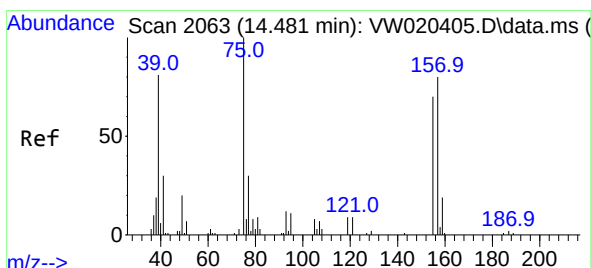
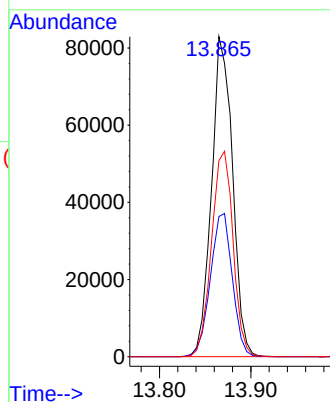
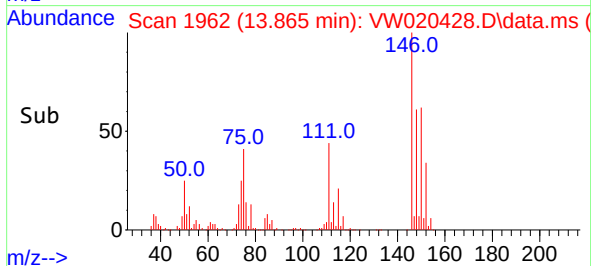
1,2-Dichlorobenzene  
Concen: 24.921 ug/L  
RT: 13.865 min Scan# 1962  
Delta R.T. -0.006 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Instrument :  
MSVOA\_W  
ClientSampled :



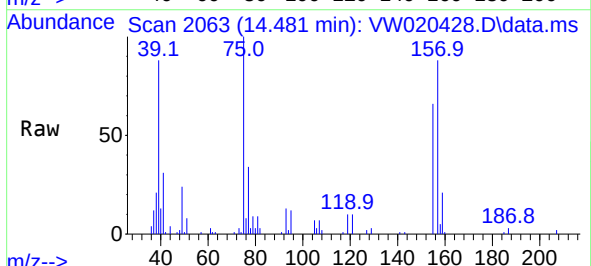
Tgt Ion:146 Resp: 132277

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 43.8  | 33.9  | 50.9  |
| 148 | 61.3  | 51.0  | 76.4  |



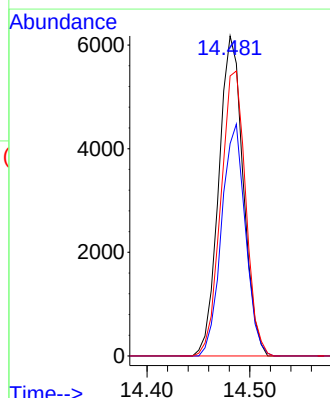
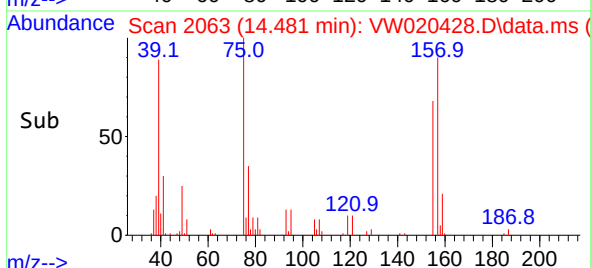
#68

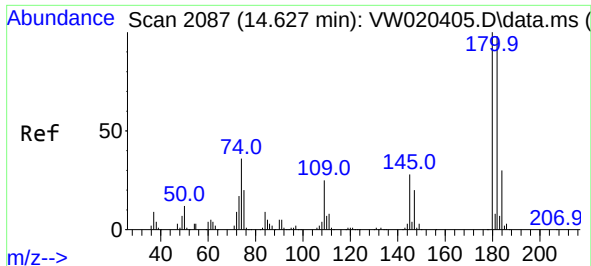
1,2-Dibromo-3-chloropropane  
Concen: 23.872 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15



Tgt Ion: 75 Resp: 10191

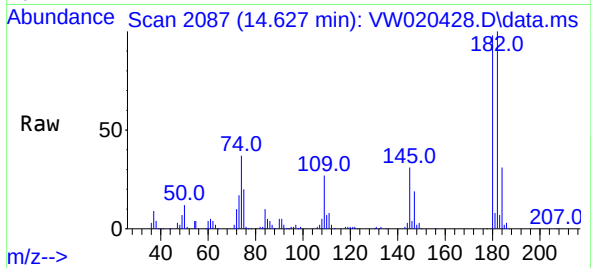
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 66.4  | 51.4  | 77.0  |
| 157 | 87.5  | 70.8  | 106.2 |



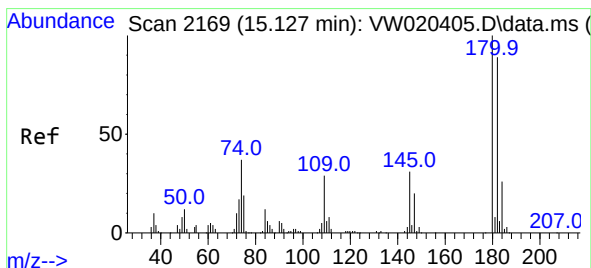
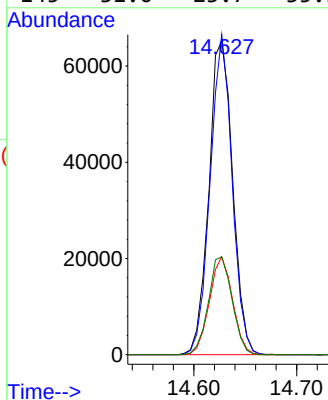
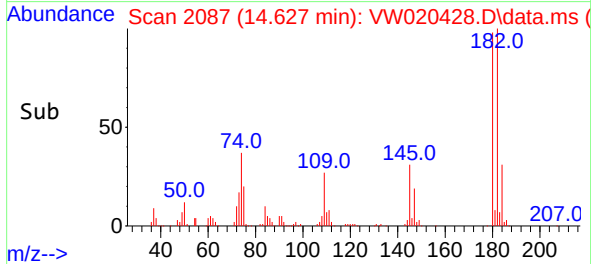


#69  
1,3,5-Trichlorobenzene  
Concen: 25.339 ug/L  
RT: 14.627 min Scan# 2087  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

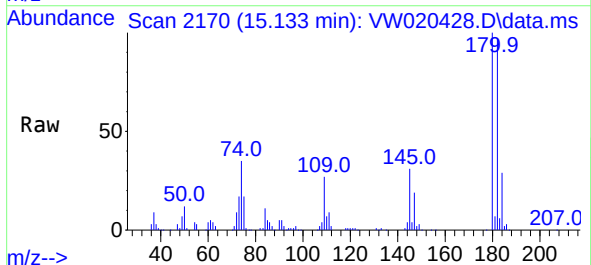
Instrument :  
MSVOA\_W  
ClientSampleId :



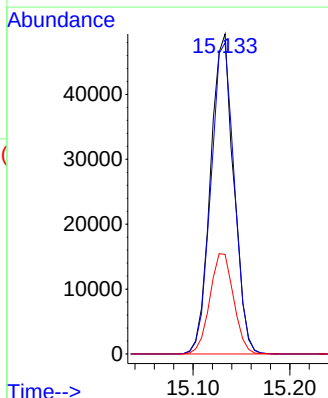
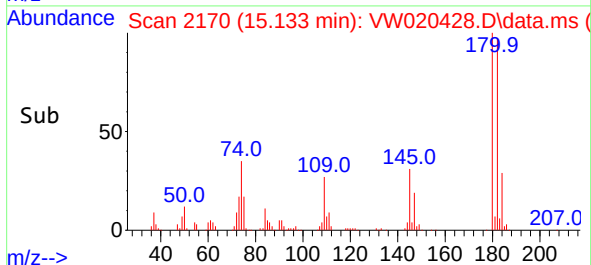
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 104683 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.1  | 73.4  | 110.0  |
| 184       | 30.3  | 24.2  | 36.4   |
| 145       | 31.0  | 23.7  | 35.5   |

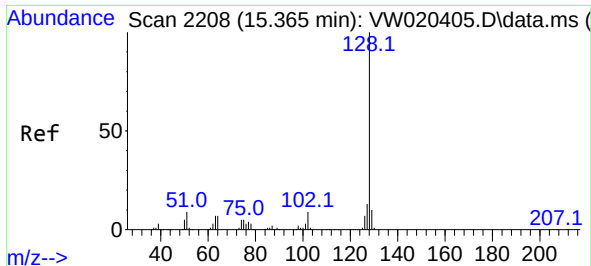


#70  
1,2,4-trichlorobenzene  
Concen: 25.111 ug/L  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15



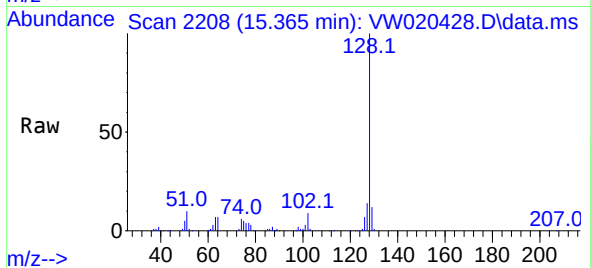
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 82144 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 97.8  | 75.8  | 113.8 |
| 145       | 32.1  | 24.8  | 37.2  |



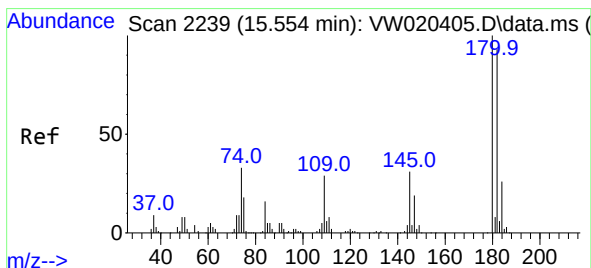
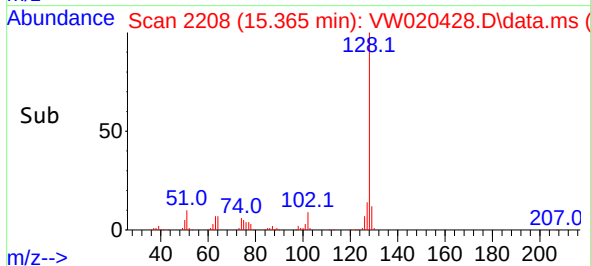
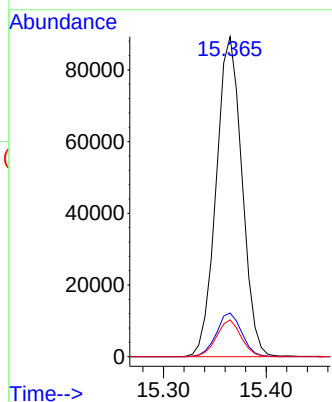


#71  
Naphthalene  
Concen: 26.388 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion:128 Resp: 155197  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.5 15.7  
129 11.0 8.7 13.1



#72  
1,2,3-Trichlorobenzene  
Concen: 25.891 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. -0.000 min  
Lab File: VW020428.D  
Acq: 08 Oct 2021 23:15

Tgt Ion:180 Resp: 74387  
Ion Ratio Lower Upper  
180 100  
182 94.4 74.8 112.2  
145 33.3 26.2 39.4

