

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101321\  
 Data File : VW020455.D  
 Acq On : 13 Oct 2021 11:46  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025031

Quant Time: Oct 14 00:56:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 13 02:22:35 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 248219   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 226476   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 112732   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 70483    | 19.515   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 78.040%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 40396    | 21.173   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 84.680%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 162181   | 21.914   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 87.640%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 59401    | 54.040   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 108.080% |
| 24) Chloroform-d              | 7.653  | 84    | 183636   | 23.209   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 92.840%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 107280   | 23.740   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 94.960%  |
| 32) Benzene-d6                | 8.275  | 84    | 348958   | 23.424   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 93.680%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 112043   | 23.077   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 92.320%  |
| 41) Toluene-d8                | 10.323 | 98    | 315221   | 23.583   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 94.320%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 48963    | 24.817   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 99.280%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 43891    | 58.765   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 117.520% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 94699    | 25.804   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 103.200% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 105122   | 23.838   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.360%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.008  | 85    | 28775    | 17.939   | ug/L   | 99       |
| 3) Chloromethane              | 2.209  | 50    | 69302    | 20.779   | ug/L   | 97       |
| 5) Vinyl chloride             | 2.355  | 62    | 101492   | 21.636   | ug/L   | 98       |
| 6) Bromomethane               | 2.776  | 94    | 42521    | 20.870   | ug/L   | 98       |
| 8) Chloroethane               | 2.916  | 64    | 37697    | 21.763   | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 3.251  | 101   | 60267    | 22.581   | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062  | 101   | 87274    | 22.928   | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 4.038  | 96    | 82004    | 23.497   | ug/L   | 98       |
| 13) Acetone                   | 4.129  | 43    | 44963    | 44.554   | ug/L   | 100      |
| 14) Carbon disulfide          | 4.379  | 76    | 247305   | 21.786   | ug/L   | 99       |
| 15) Methyl Acetate            | 4.678  | 43    | 47869    | 25.542   | ug/L   | 99       |
| 16) Methylene chloride        | 4.916  | 84    | 87148    | 18.061   | ug/L   | 97       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96    | 86056    | 23.502   | ug/L   | 98       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73    | 136272   | 26.416   | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 6.220  | 63    | 174068   | 23.189   | ug/L   | 100      |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 91998    | 24.173   | ug/L   | 93       |
| 22) 2-Butanone                | 7.177  | 43    | 64251    | 50.862   | ug/L   | 99       |
| 23) Bromochloromethane        | 7.519  | 128   | 39879    | 23.890   | ug/L   | 96       |
| 25) Chloroform                | 7.677  | 83    | 170587   | 23.377   | ug/L   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101321\  
 Data File : VW020455.D  
 Acq On : 13 Oct 2021 11:46  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025031

Quant Time: Oct 14 00:56:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 13 02:22:35 2021  
 Response via : Initial Calibration

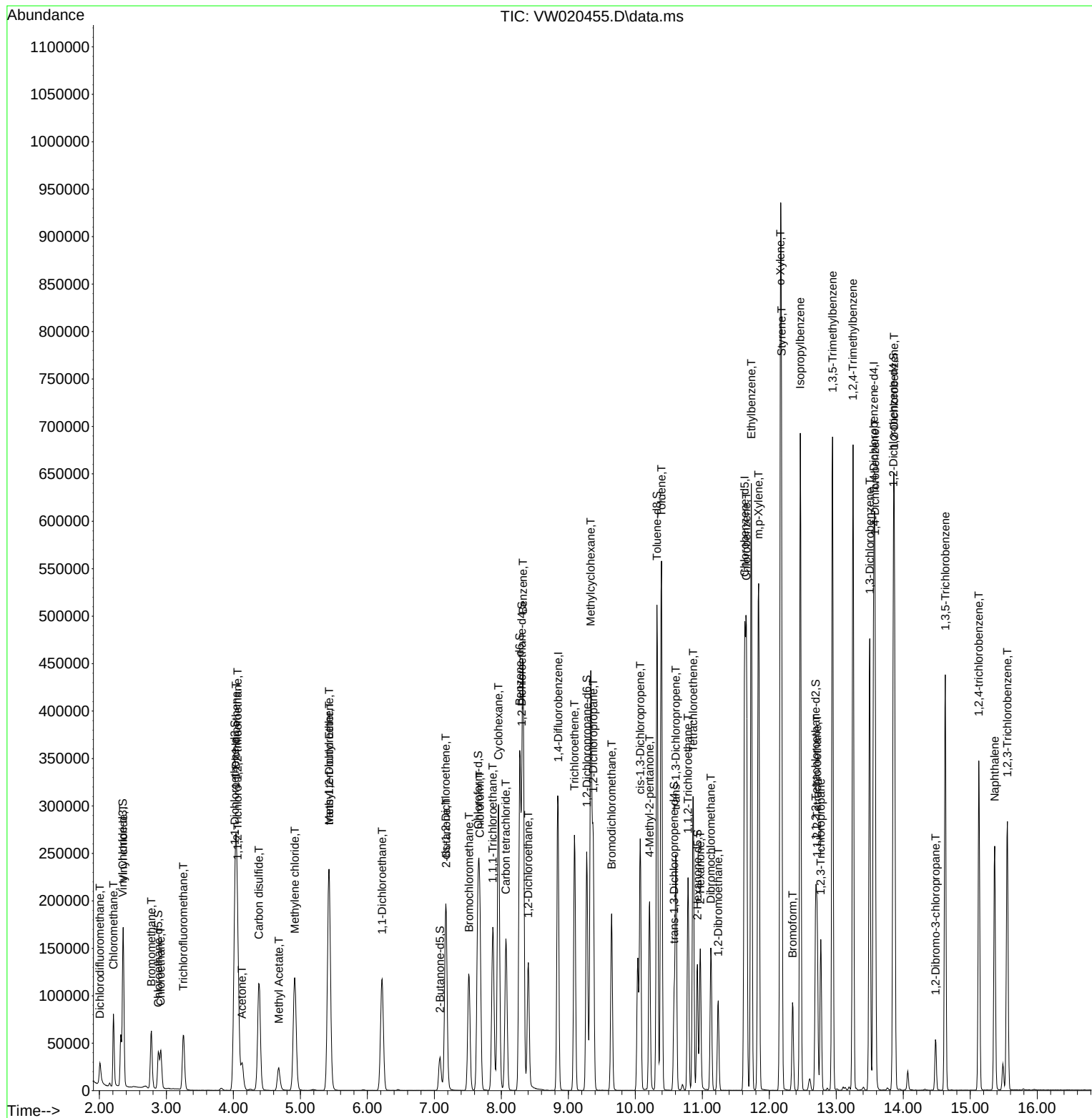
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 118982   | 23.839 | ug/L  | 100      |
| 29) Cyclohexane               | 7.958  | 56   | 163019   | 24.586 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 135397   | 24.065 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 117143   | 23.682 | ug/L  | 100      |
| 33) Benzene                   | 8.323  | 78   | 379604   | 23.532 | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 94538    | 23.789 | ug/L  | 99       |
| 35) Methylcyclohexane         | 9.335  | 83   | 164231   | 24.149 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 97912    | 23.439 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 120309   | 24.021 | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 146770   | 25.465 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 136302   | 54.363 | ug/L  | 99       |
| 42) Toluene                   | 10.390 | 91   | 395355   | 24.435 | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 129768   | 25.541 | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 66844    | 24.922 | ug/L  | 95       |
| 46) Tetrachloroethene         | 10.866 | 164  | 69479    | 24.341 | ug/L  | 94       |
| 48) 2-Hexanone                | 10.969 | 43   | 98946    | 53.788 | ug/L  | 98       |
| 49) Dibromochloromethane      | 11.128 | 129  | 75789    | 25.649 | ug/L  | 93       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 63005    | 25.574 | ug/L  | 96       |
| 51) Chlorobenzene             | 11.658 | 112  | 236863   | 23.740 | ug/L  | 98       |
| 52) Ethylbenzene              | 11.731 | 91   | 430579   | 24.540 | ug/L  | 98       |
| 53) m,p-Xylene                | 11.841 | 106  | 160549   | 24.696 | ug/L  | 99       |
| 54) o-Xylene                  | 12.164 | 106  | 151706   | 25.268 | ug/L  | 100      |
| 55) Styrene                   | 12.183 | 104  | 267112   | 25.445 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 83906    | 25.235 | ug/L  | 97       |
| 59) Bromoform                 | 12.347 | 173  | 40590    | 25.702 | ug/L  | 100      |
| 60) Isopropylbenzene          | 12.463 | 105  | 423284   | 25.582 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 63911    | 25.734 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 350694   | 25.959 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 352802   | 26.365 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 175824   | 24.559 | ug/L  | 97       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 178783   | 24.143 | ug/L  | 93       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 158573   | 24.177 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 13812    | 26.183 | ug/L  | 94       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 124356   | 24.360 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 99593    | 24.638 | ug/L  | 100      |
| 71) Naphthalene               | 15.365 | 128  | 200063   | 27.528 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 91399    | 25.744 | ug/L  | 99       |

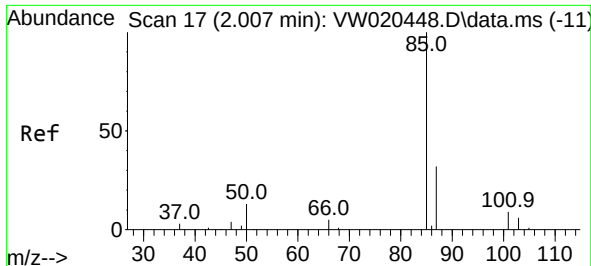
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101321\  
 Data File : VW020455.D  
 Acq On : 13 Oct 2021 11:46  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025031

Quant Time: Oct 14 00:56:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Oct 13 02:22:35 2021  
 Response via : Initial Calibration

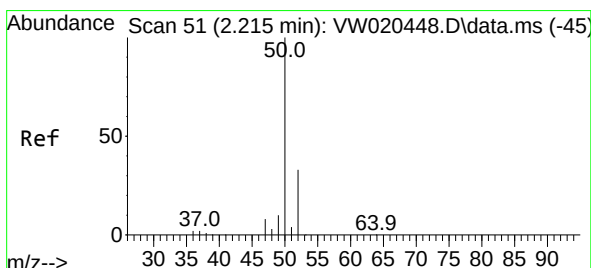
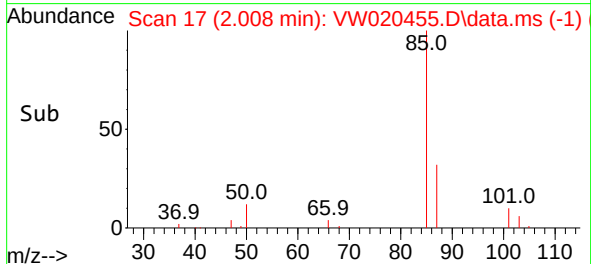
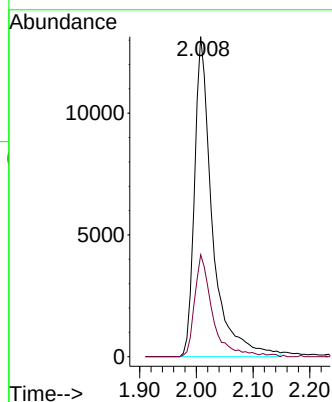
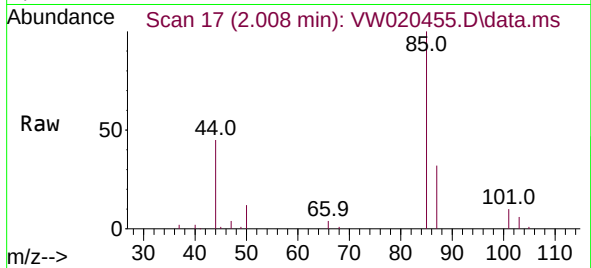




#2  
Dichlorodifluoromethane  
Concen: 17.939 ug/L  
RT: 2.008 min Scan# 17  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

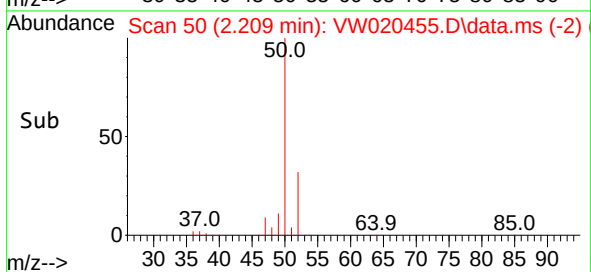
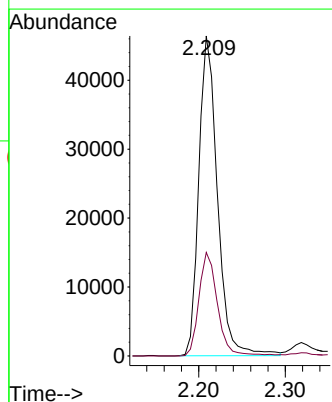
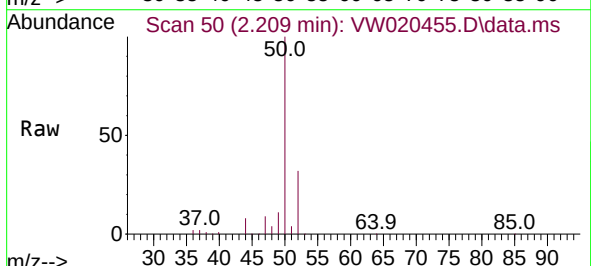
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

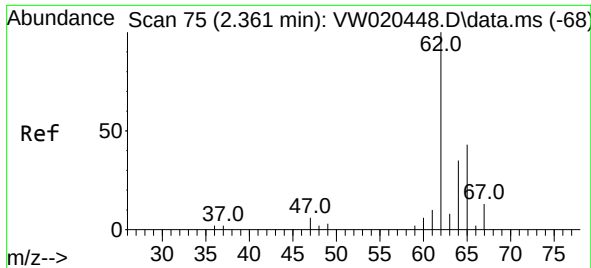
Tgt Ion: 85 Resp: 28775  
Ion Ratio Lower Upper  
85 100  
87 31.5 24.9 37.3



#3  
Chloromethane  
Concen: 20.779 ug/L  
RT: 2.209 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 50 Resp: 69302  
Ion Ratio Lower Upper  
50 100  
52 32.4 21.5 39.9

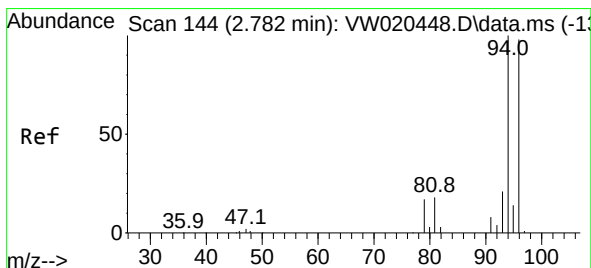
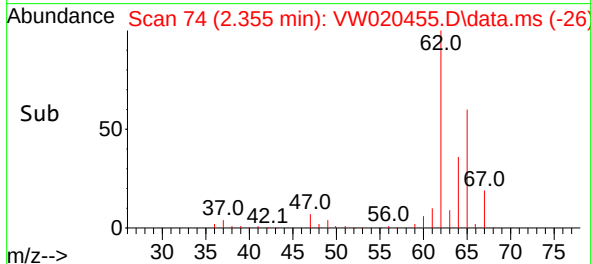
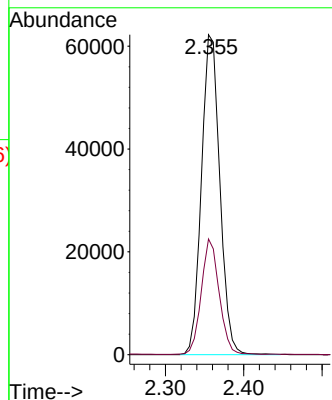
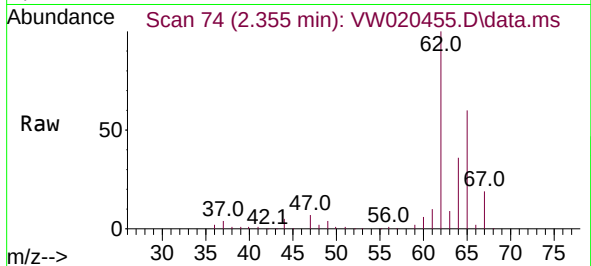




#5  
 Vinyl chloride  
 Concen: 21.636 ug/L  
 RT: 2.355 min Scan# 74  
 Delta R.T. -0.006 min  
 Lab File: VW020455.D  
 Acq: 13 Oct 2021 11:46

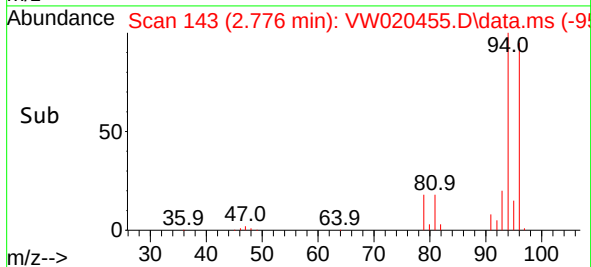
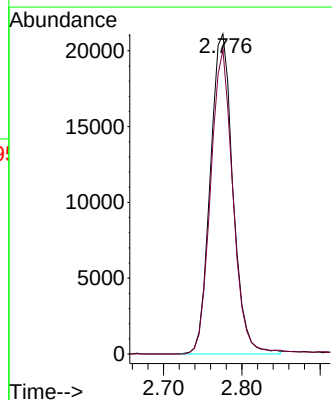
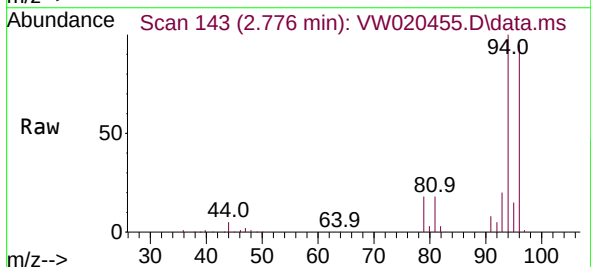
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025031

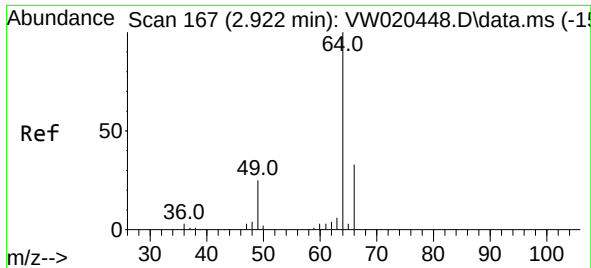
Tgt Ion: 62 Resp: 101492  
 Ion Ratio Lower Upper  
 62 100  
 64 36.2 24.6 45.6



#6  
 Bromomethane  
 Concen: 20.870 ug/L  
 RT: 2.776 min Scan# 143  
 Delta R.T. -0.006 min  
 Lab File: VW020455.D  
 Acq: 13 Oct 2021 11:46

Tgt Ion: 94 Resp: 42521  
 Ion Ratio Lower Upper  
 94 100  
 96 95.0 67.8 126.0

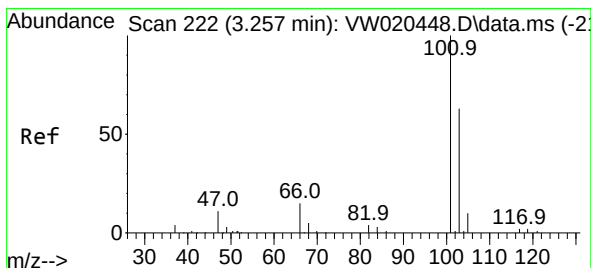
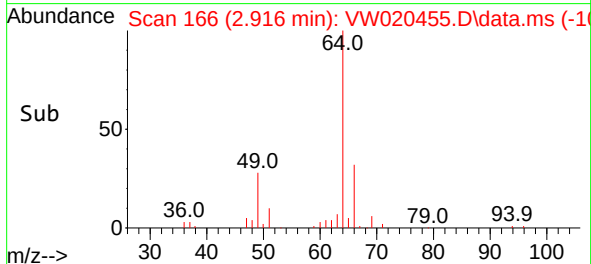
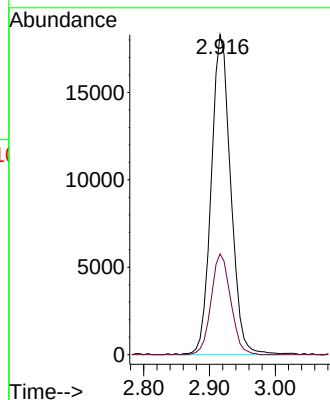
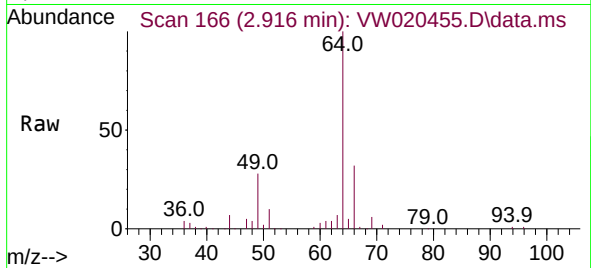




#8  
Chloroethane  
Concen: 21.763 ug/L  
RT: 2.916 min Scan# 166  
Delta R.T. -0.006 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

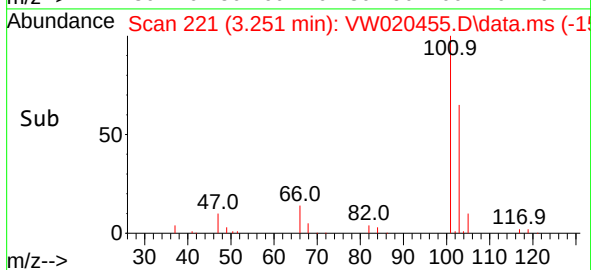
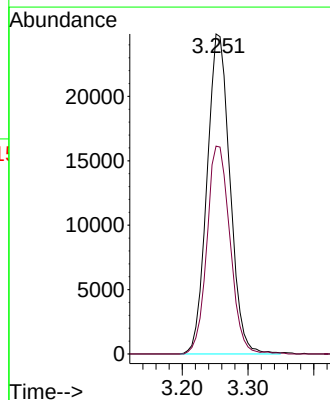
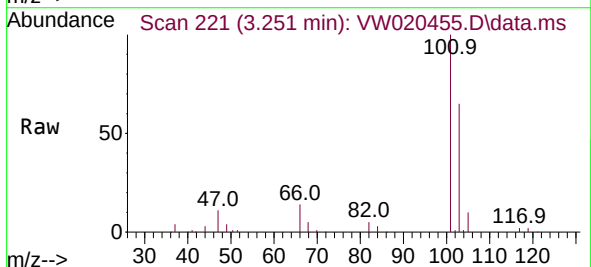
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

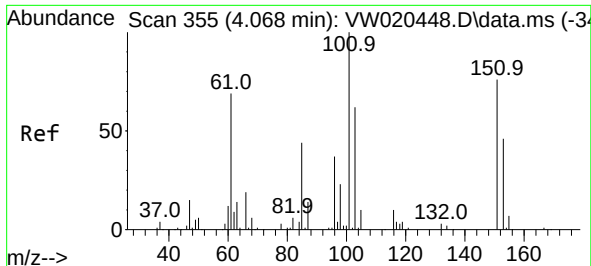
Tgt Ion: 64 Resp: 37697  
Ion Ratio Lower Upper  
64 100  
66 31.5 21.2 39.4



#9  
Trichlorofluoromethane  
Concen: 22.581 ug/L  
RT: 3.251 min Scan# 221  
Delta R.T. -0.006 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 101 Resp: 60267  
Ion Ratio Lower Upper  
101 100  
103 65.1 52.2 78.4

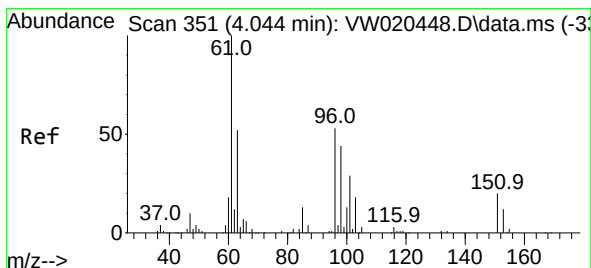
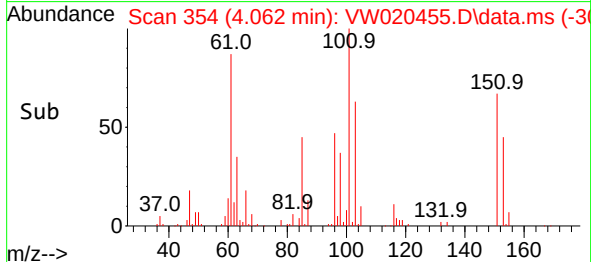
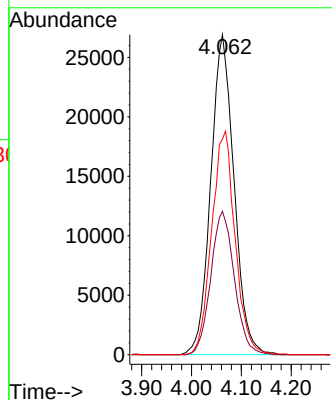
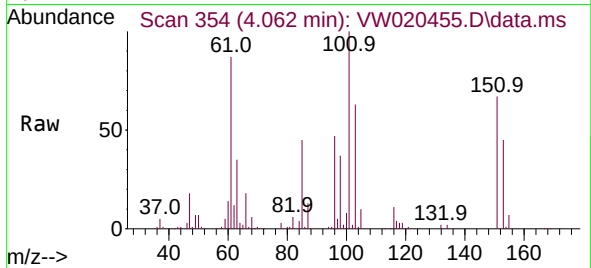




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 22.928 ug/L  
 RT: 4.062 min Scan# 354  
 Delta R.T. -0.006 min  
 Lab File: VW020455.D  
 Acq: 13 Oct 2021 11:46

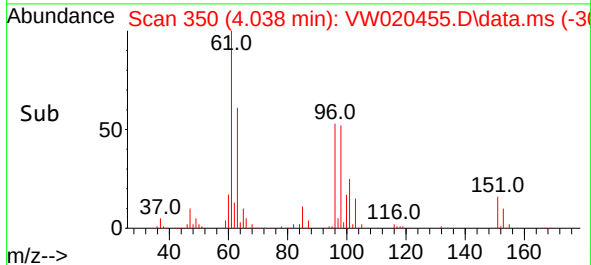
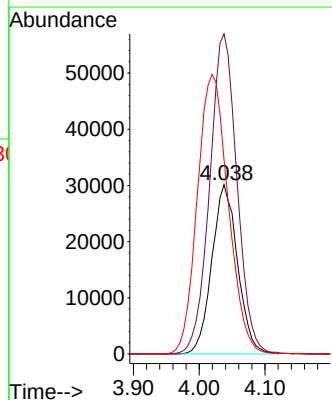
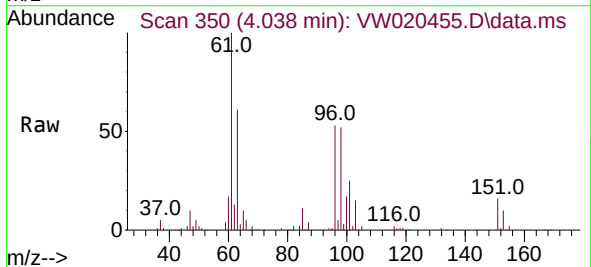
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025031

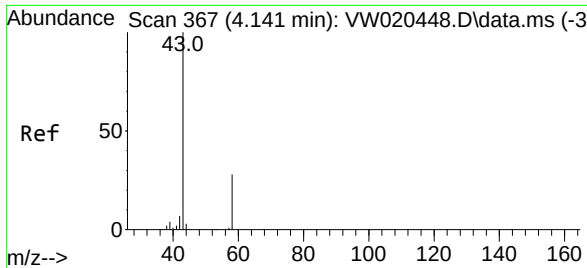
Tgt Ion:101 Resp: 87274  
 Ion Ratio Lower Upper  
 101 100  
 85 45.4 36.3 54.5  
 151 70.3 56.5 84.7



#12  
 1,1-Dichloroethene  
 Concen: 23.497 ug/L  
 RT: 4.038 min Scan# 350  
 Delta R.T. -0.006 min  
 Lab File: VW020455.D  
 Acq: 13 Oct 2021 11:46

Tgt Ion: 96 Resp: 82004  
 Ion Ratio Lower Upper  
 96 100  
 61 189.1 133.9 248.7  
 63 114.8 77.3 143.7

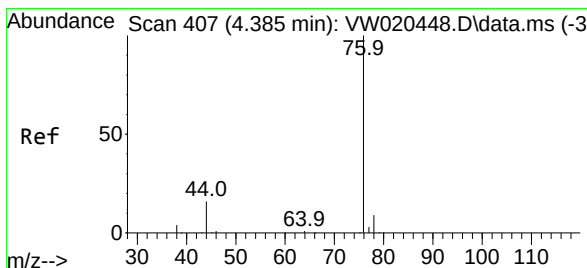
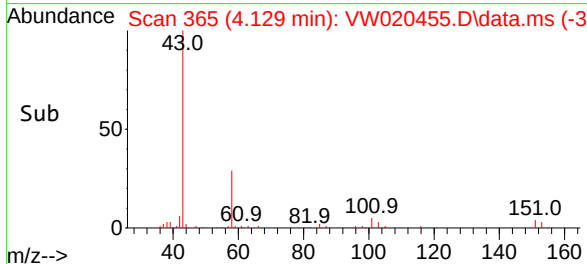
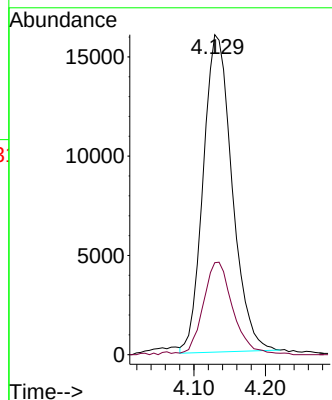
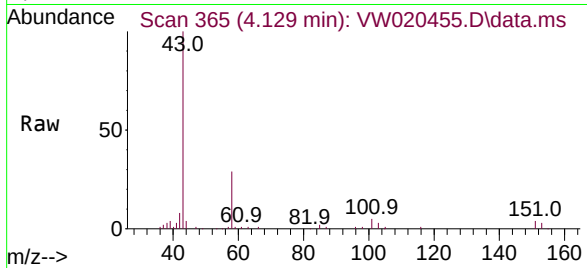




#13  
Acetone  
Concen: 44.554 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. -0.012 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

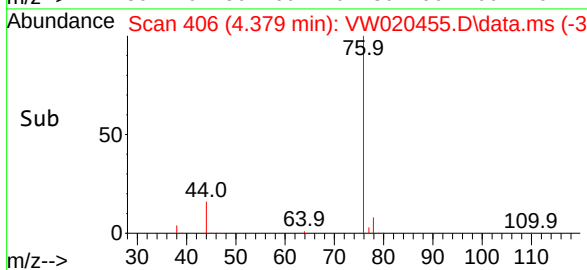
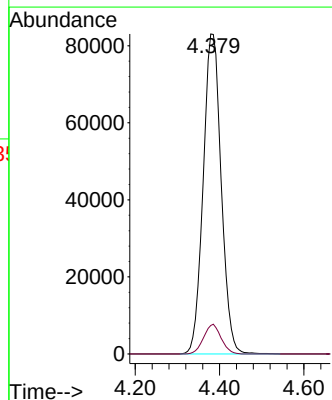
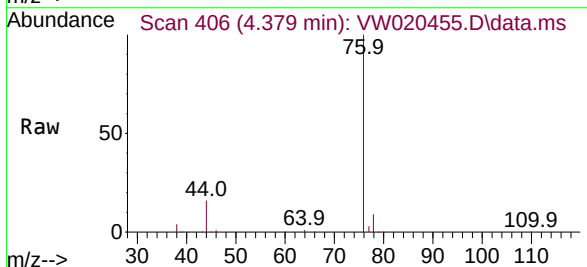
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

Tgt Ion: 43 Resp: 44963  
Ion Ratio Lower Upper  
43 100  
58 29.0 0.0 58.4

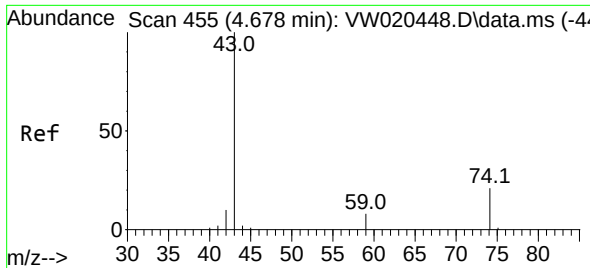


#14  
Carbon disulfide  
Concen: 21.786 ug/L  
RT: 4.379 min Scan# 406  
Delta R.T. -0.006 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 76 Resp: 247305  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.2



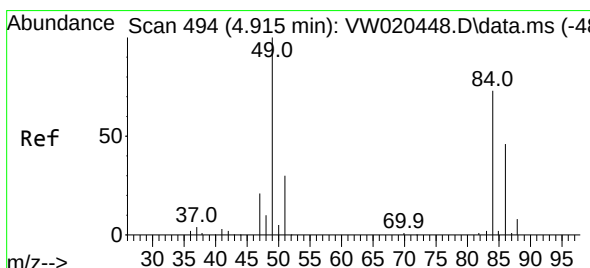
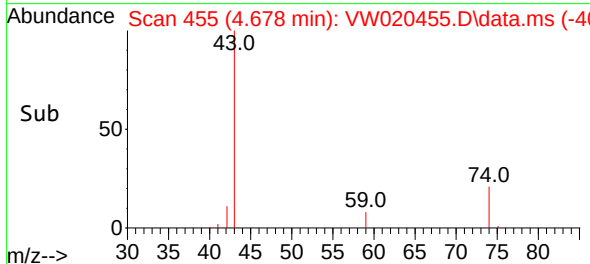
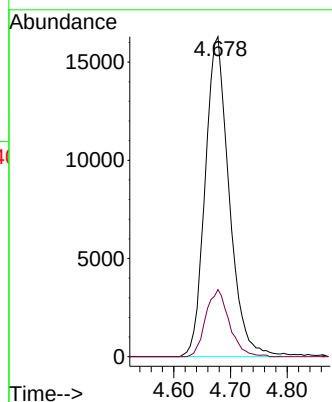
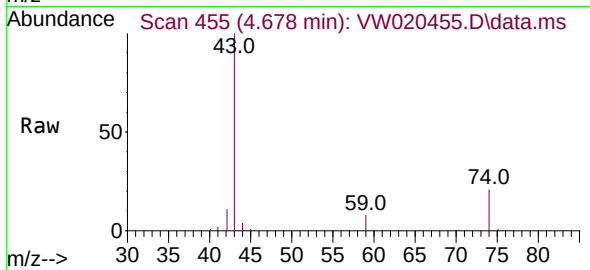




#15  
Methyl Acetate  
Concen: 25.542 ug/L  
RT: 4.678 min Scan# 455  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

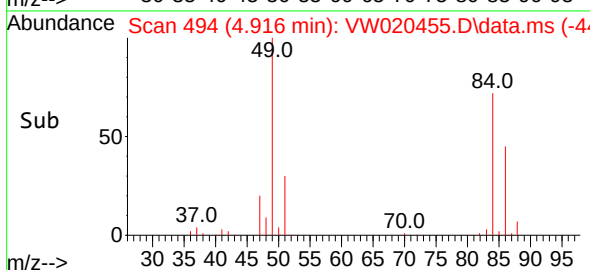
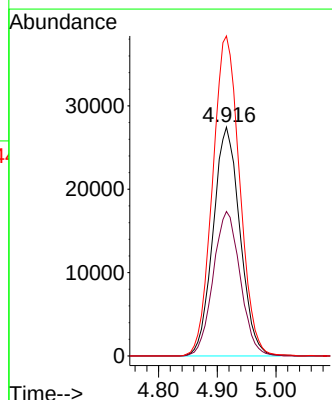
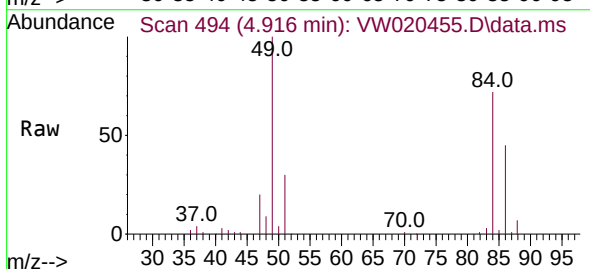
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

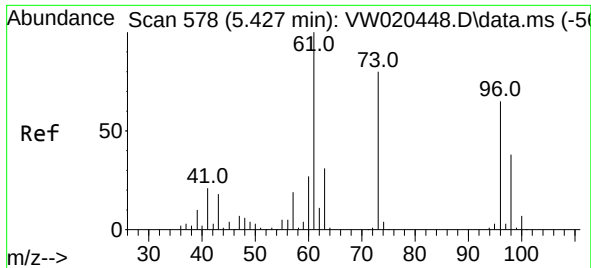
Tgt Ion: 43 Resp: 47869  
Ion Ratio Lower Upper  
43 100  
74 20.5 16.1 24.1



#16  
Methylene chloride  
Concen: 18.061 ug/L  
RT: 4.916 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 84 Resp: 87148  
Ion Ratio Lower Upper  
84 100  
86 63.2 44.7 83.1  
49 139.8 101.7 188.9

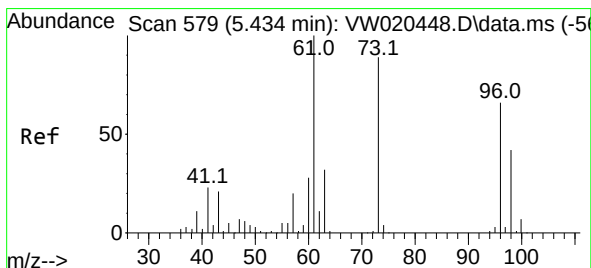
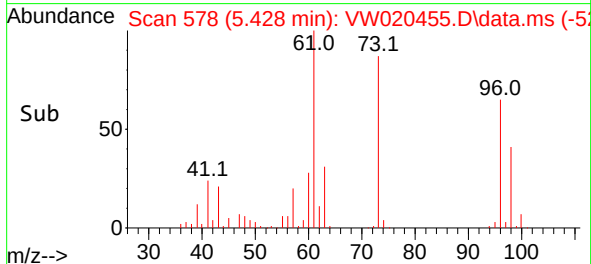
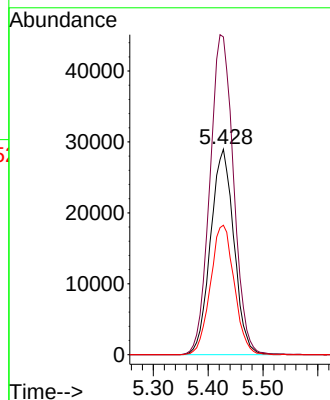
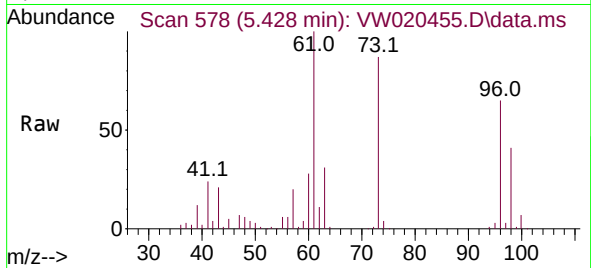




#17  
trans-1,2-Dichloroethene  
Concen: 23.502 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

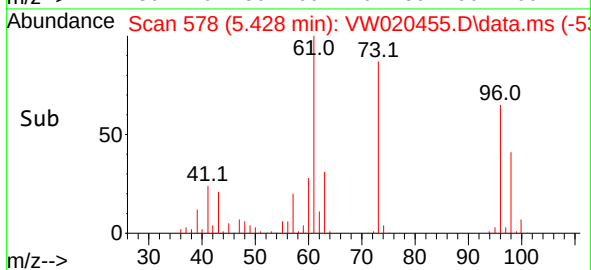
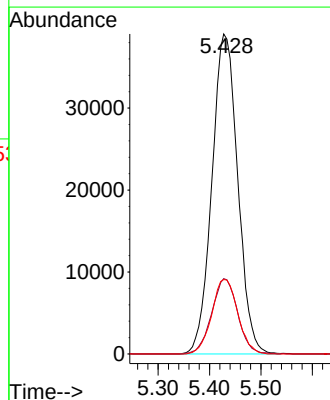
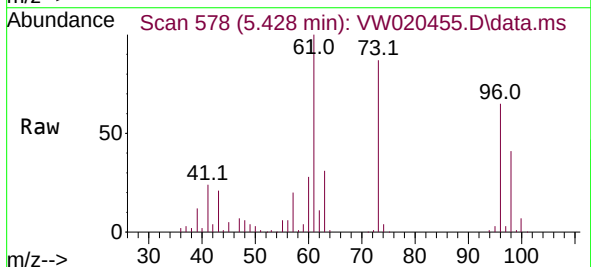
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

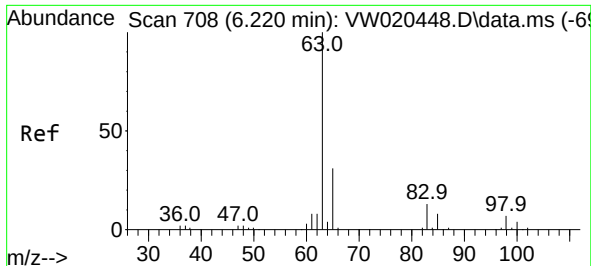
Tgt Ion: 96 Resp: 86056  
Ion Ratio Lower Upper  
96 100  
61 154.6 110.7 205.5  
98 63.0 43.9 81.5



#18  
Methyl tert-butyl Ether  
Concen: 26.416 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. -0.006 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 73 Resp: 136272  
Ion Ratio Lower Upper  
73 100  
43 23.6 18.9 28.3  
57 23.4 18.9 28.3





#19

1,1-Dichloroethane

Concen: 23.189 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW020455.D

Acq: 13 Oct 2021 11:46

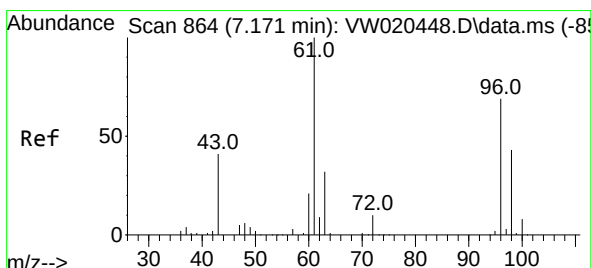
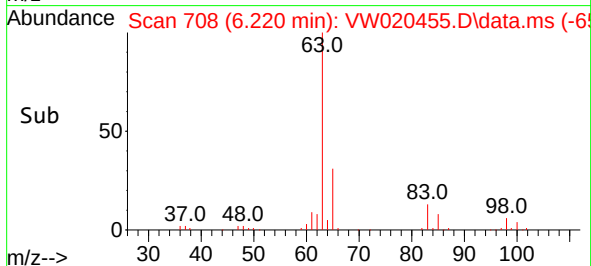
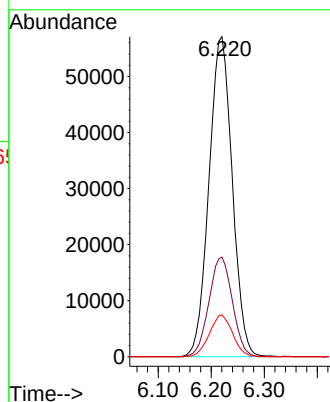
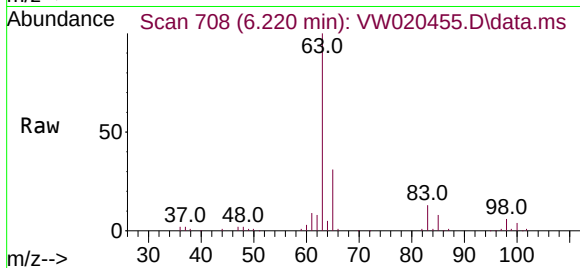
Tgt Ion: 63 Resp: 174068

Ion Ratio Lower Upper

63 100

65 31.2 21.9 40.7

83 13.1 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.173 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020455.D

Acq: 13 Oct 2021 11:46

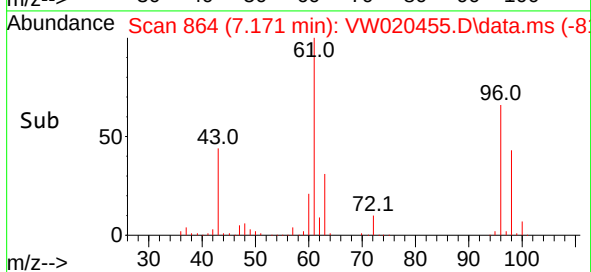
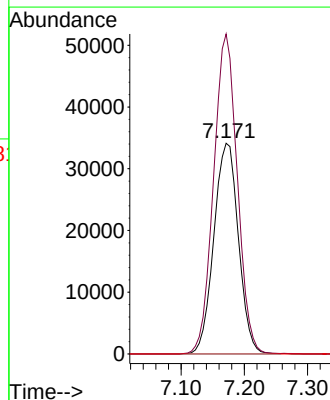
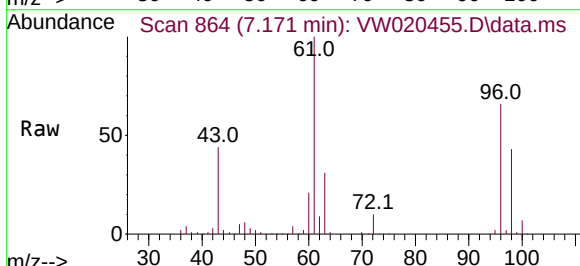
Tgt Ion: 96 Resp: 91998

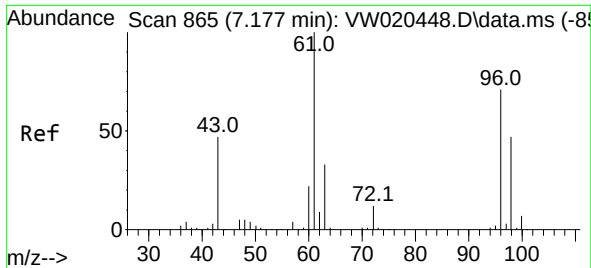
Ion Ratio Lower Upper

96 100

61 151.9 100.3 186.3

68 0.0 0.0 0.0

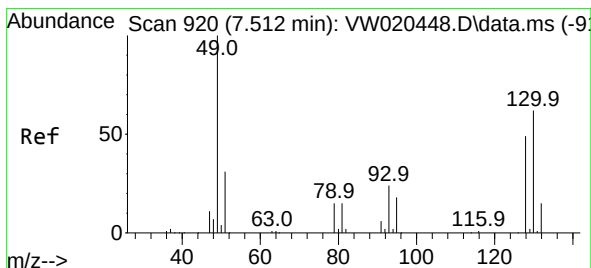
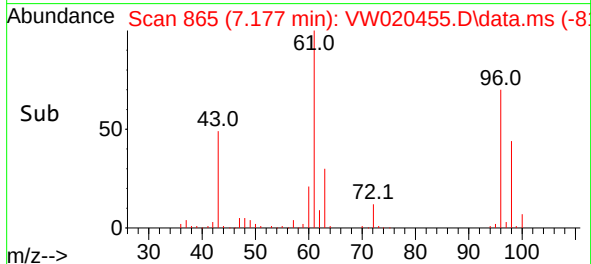
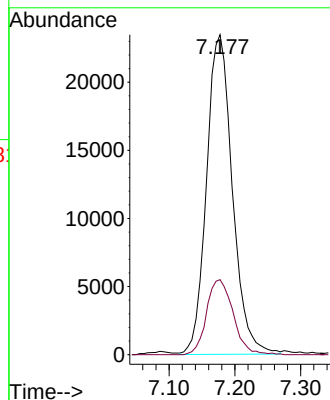
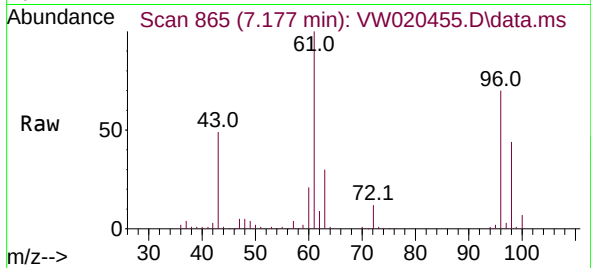




#22  
2-Butanone  
Concen: 50.862 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

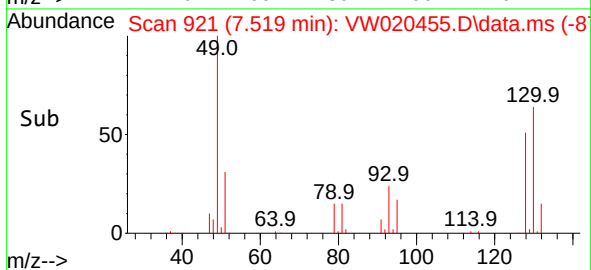
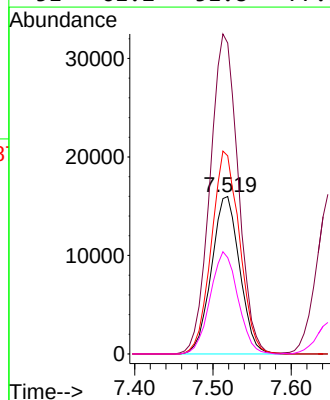
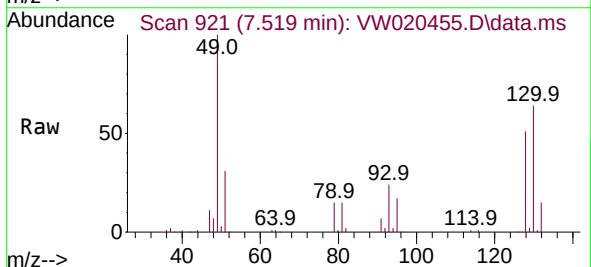
Instrument :  
MSVOA\_W  
ClientSampled :  
VSTD025031

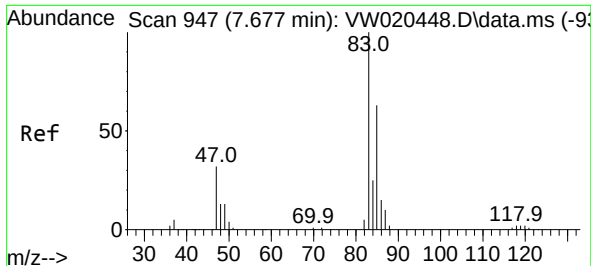
Tgt Ion: 43 Resp: 64251  
Ion Ratio Lower Upper  
43 100  
72 24.0 12.2 36.6



#23  
Bromochloromethane  
Concen: 23.890 ug/L  
RT: 7.519 min Scan# 921  
Delta R.T. 0.006 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 128 Resp: 39879  
Ion Ratio Lower Upper  
128 100  
49 197.5 144.1 267.7  
130 125.8 89.2 165.6  
51 61.2 51.8 77.8

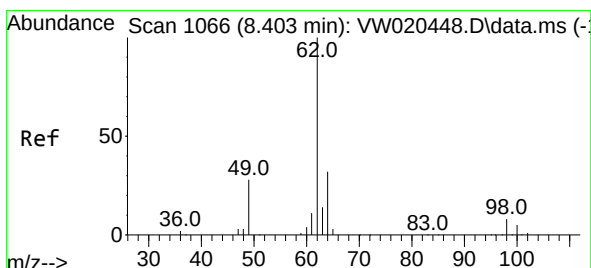
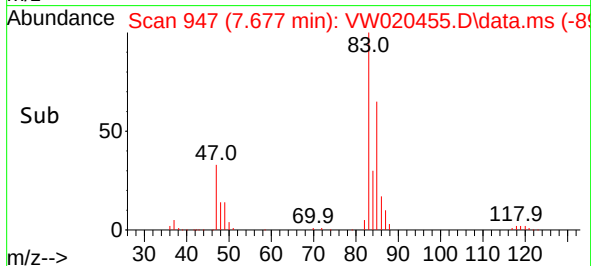
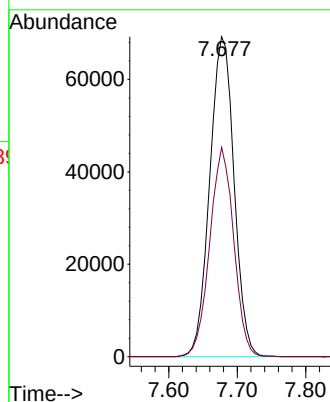
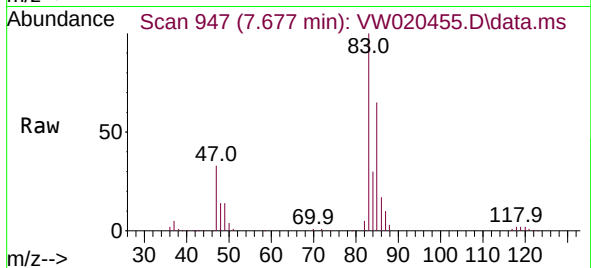




#25  
Chloroform  
Concen: 23.377 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

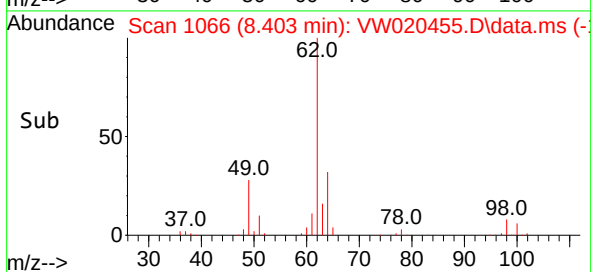
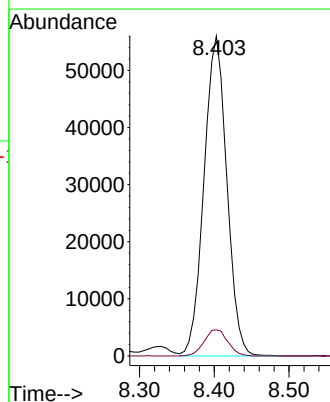
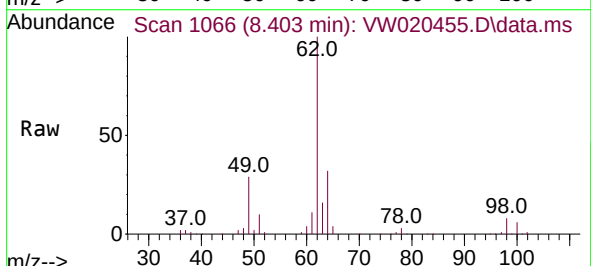
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

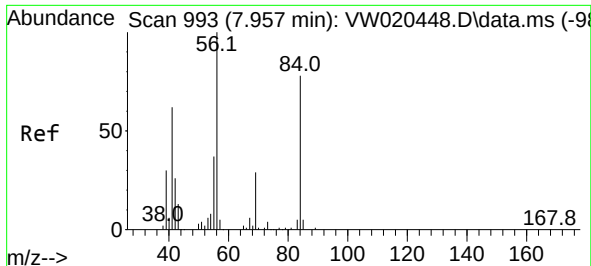
Tgt Ion: 83 Resp: 170587  
Ion Ratio Lower Upper  
83 100  
85 65.4 44.6 82.8



#27  
1,2-Dichloroethane  
Concen: 23.839 ug/L  
RT: 8.403 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

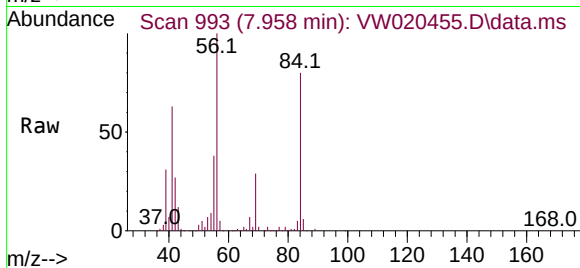
Tgt Ion: 62 Resp: 118982  
Ion Ratio Lower Upper  
62 100  
98 8.1 6.6 10.0



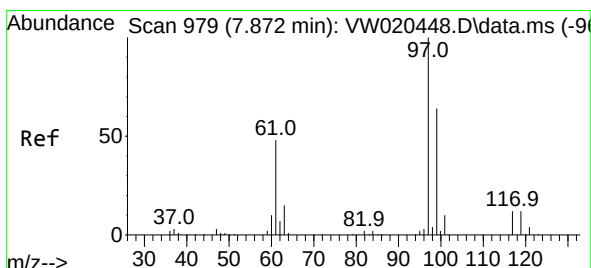
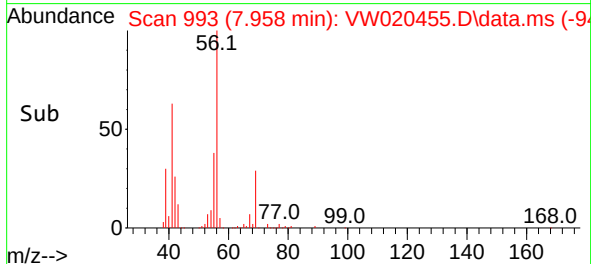
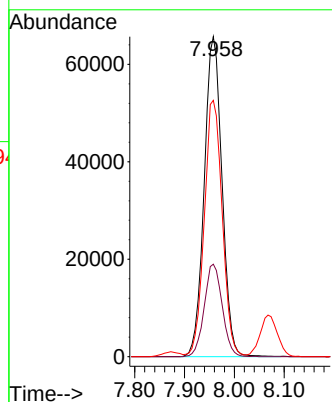


#29  
Cyclohexane  
Concen: 24.586 ug/L  
RT: 7.958 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

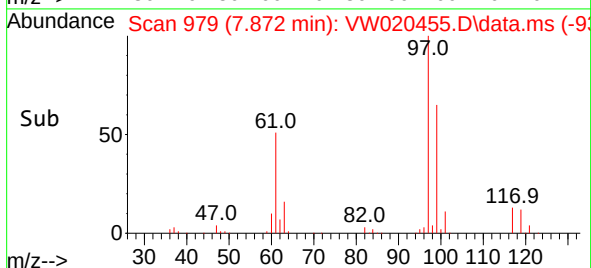
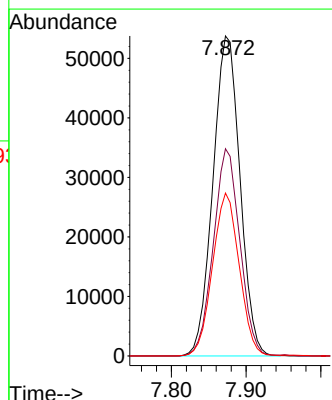
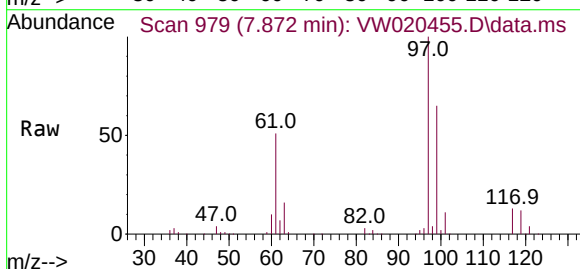


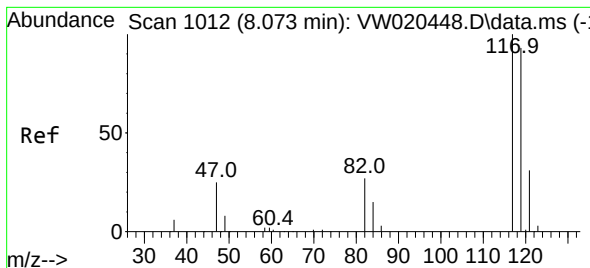
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 56    | Resp: | 163019 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 29.1  | 23.2  | 34.8   |
| 84        | 80.9  | 63.7  | 95.5   |



#30  
1,1,1-Trichloroethane  
Concen: 24.065 ug/L  
RT: 7.872 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 135397 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 63.4  | 51.4  | 77.0   |
| 61        | 50.2  | 41.0  | 61.6   |

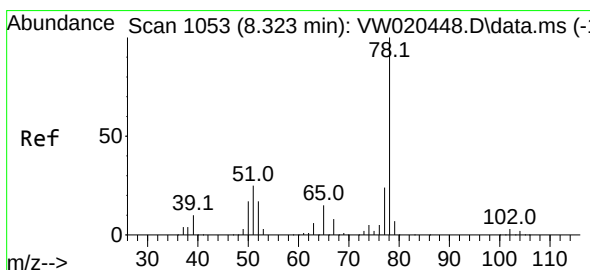
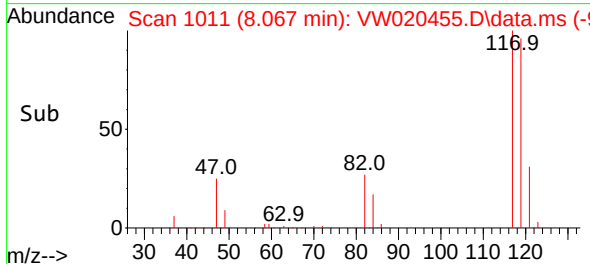
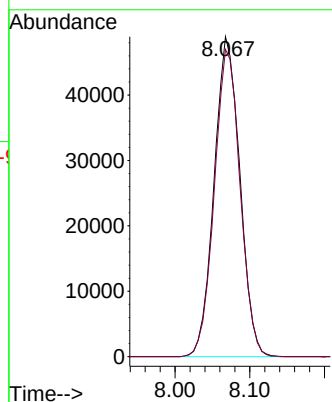
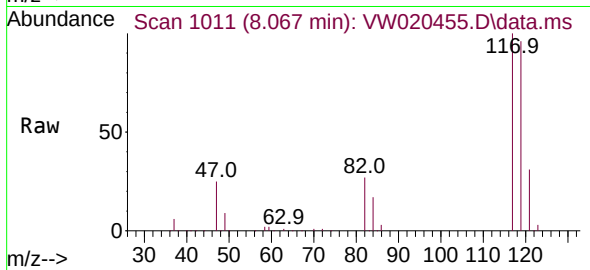




#31  
Carbon tetrachloride  
Concen: 23.682 ug/L  
RT: 8.067 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

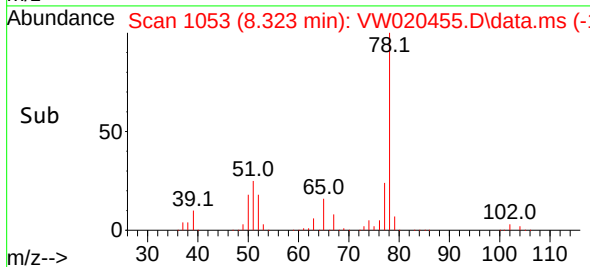
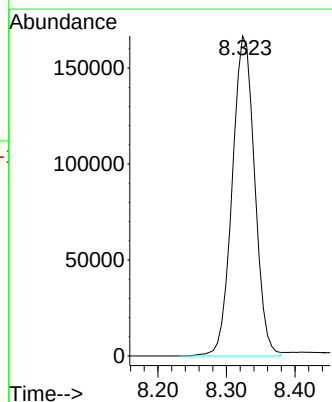
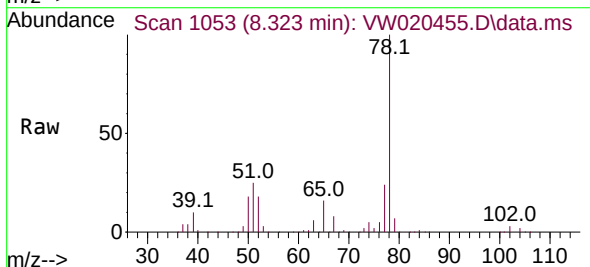
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

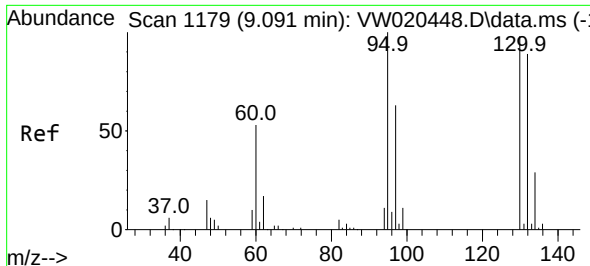
Tgt Ion:117 Resp: 117143  
Ion Ratio Lower Upper  
117 100  
119 96.3 77.0 115.4



#33  
Benzene  
Concen: 23.532 ug/L  
RT: 8.323 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 78 Resp: 379604

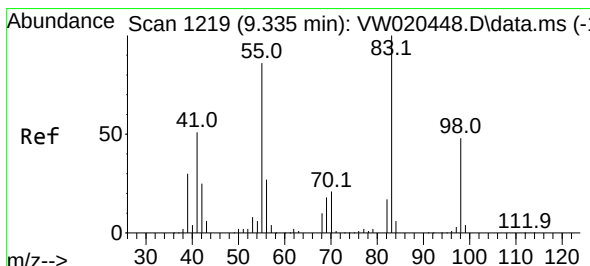
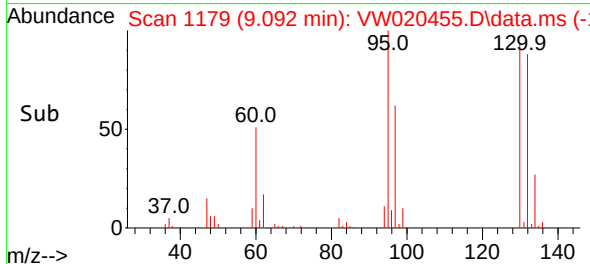
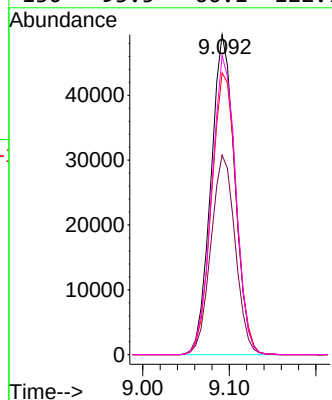
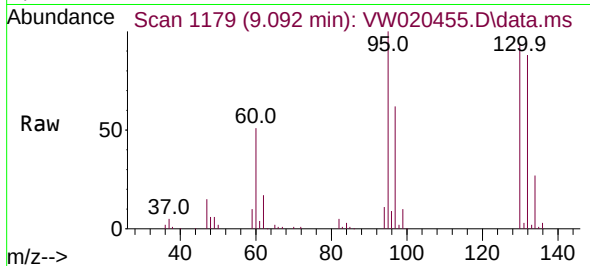




#34  
Trichloroethene  
Concen: 23.789 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

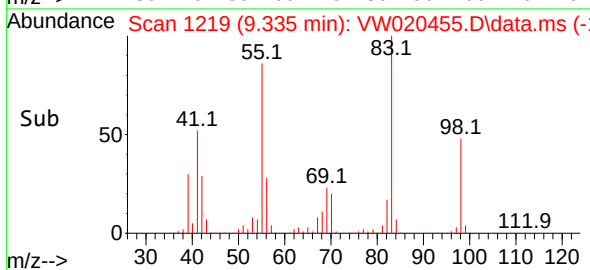
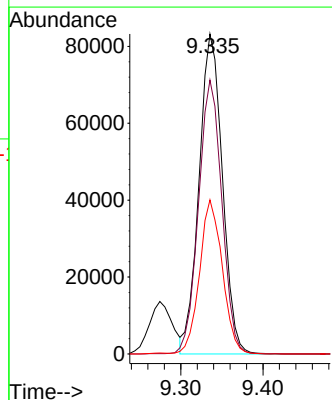
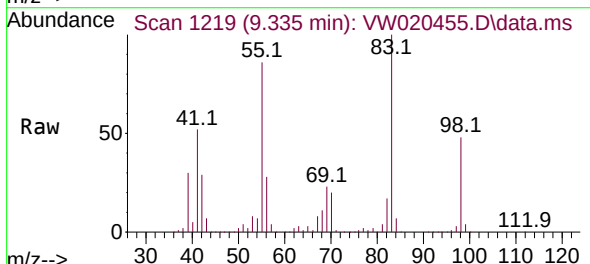
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

Tgt Ion: 95 Resp: 94538  
Ion Ratio Lower Upper  
95 100  
97 62.4 43.2 80.2  
132 88.1 62.3 115.7  
130 93.5 66.1 122.7

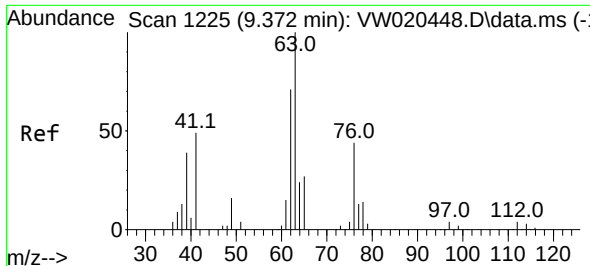


#35  
Methylcyclohexane  
Concen: 24.149 ug/L  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 83 Resp: 164231  
Ion Ratio Lower Upper  
83 100  
55 85.7 69.7 104.5  
98 47.1 38.2 57.2



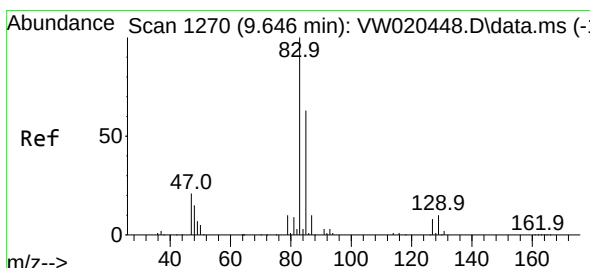
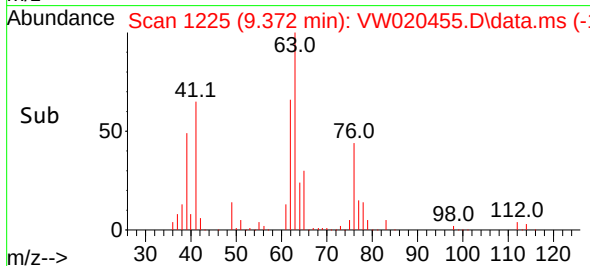
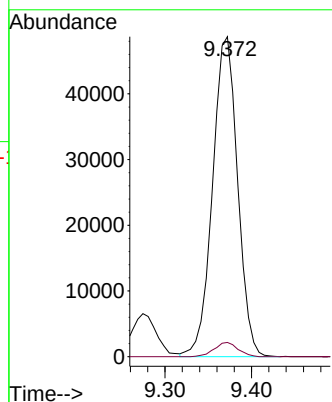
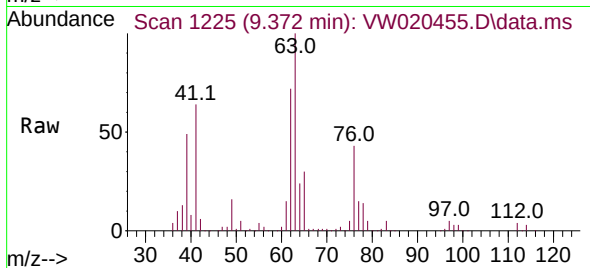




#37  
1,2-Dichloropropane  
Concen: 23.439 ug/L  
RT: 9.372 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

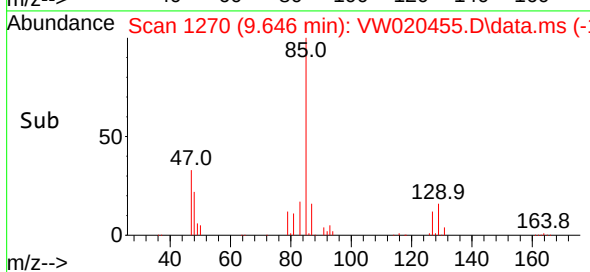
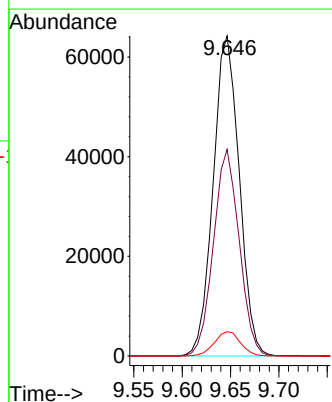
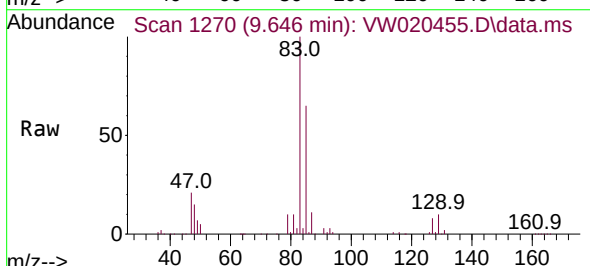
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

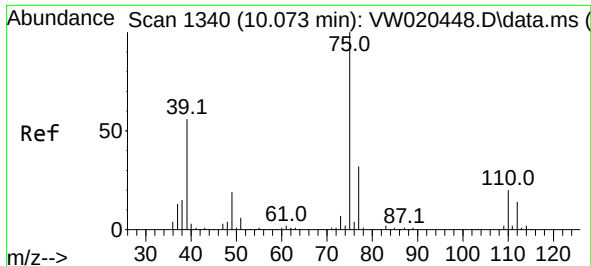
Tgt Ion: 63 Resp: 97912  
Ion Ratio Lower Upper  
63 100  
112 4.2 3.5 5.3



#38  
Bromodichloromethane  
Concen: 24.021 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 83 Resp: 120309  
Ion Ratio Lower Upper  
83 100  
85 64.6 43.4 80.6  
127 7.6 6.2 9.2

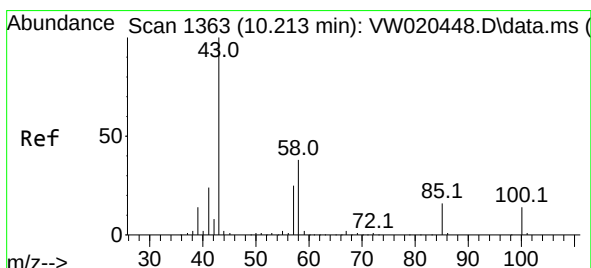
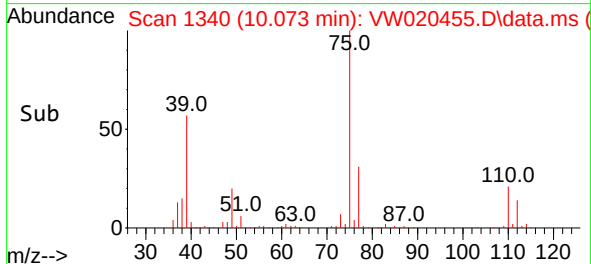
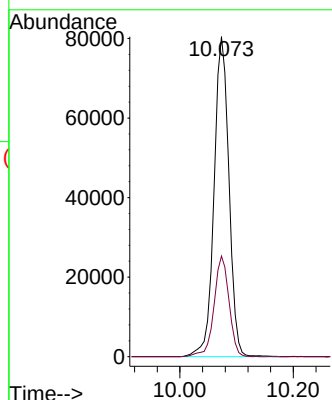
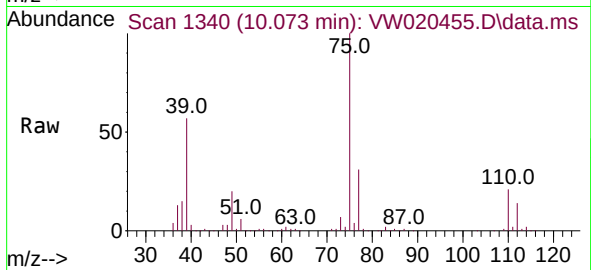




#39  
cis-1,3-Dichloropropene  
Concen: 25.465 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

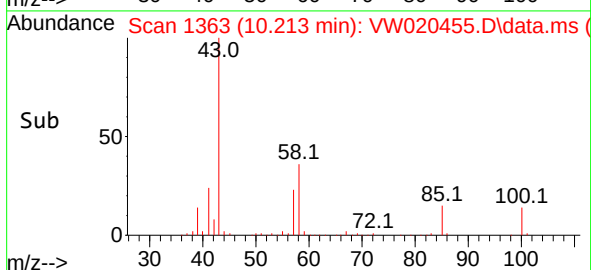
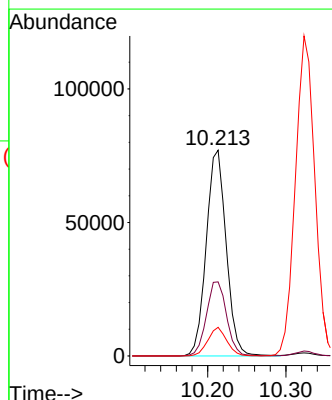
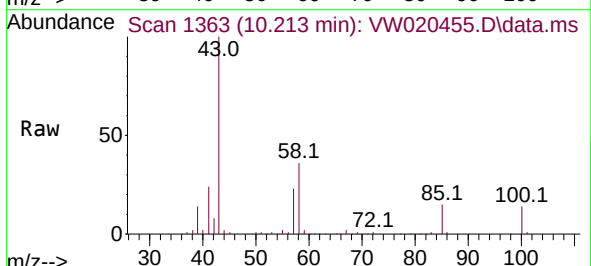
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

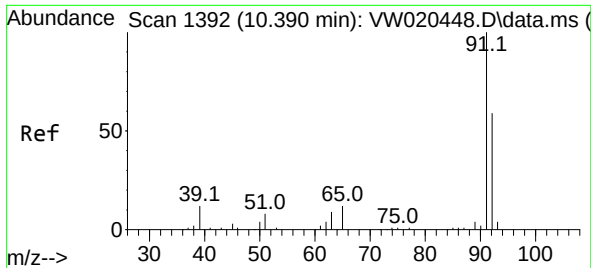
Tgt Ion: 75 Resp: 146770  
Ion Ratio Lower Upper  
75 100  
77 31.5 22.4 41.6



#40  
4-Methyl-2-pentanone  
Concen: 54.363 ug/L  
RT: 10.213 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 43 Resp: 136302  
Ion Ratio Lower Upper  
43 100  
58 36.6 29.0 43.4  
100 13.2 10.2 15.4

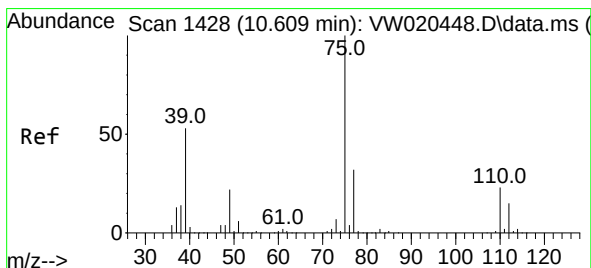
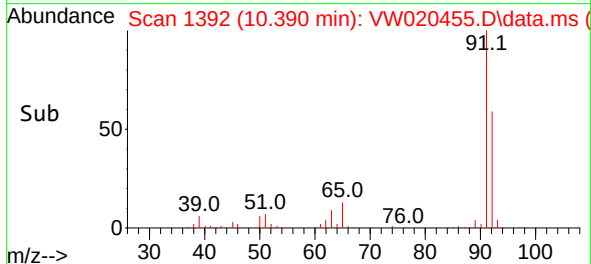
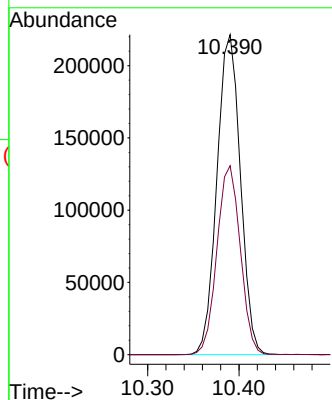
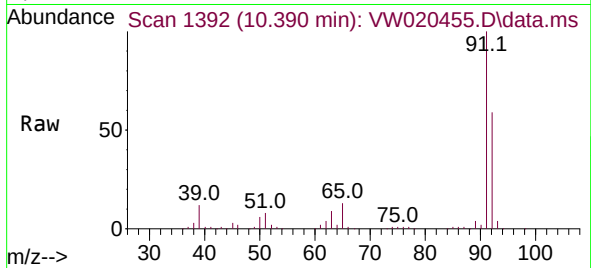




#42  
Toluene  
Concen: 24.435 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

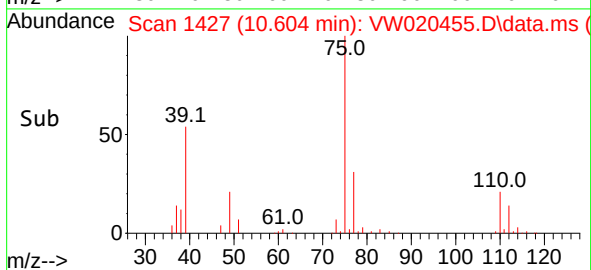
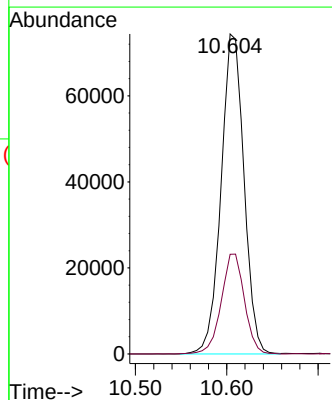
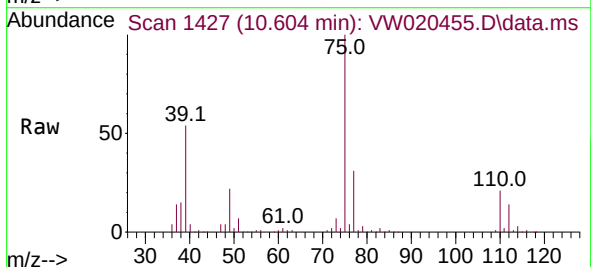
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

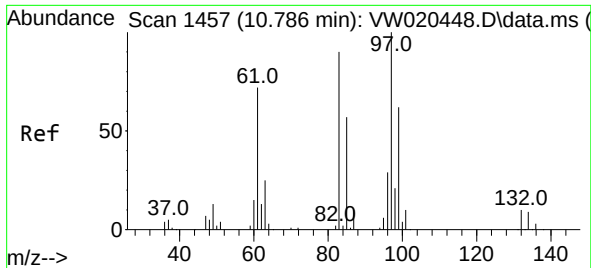
Tgt Ion: 91 Resp: 395355  
Ion Ratio Lower Upper  
91 100  
92 59.1 41.5 77.1



#44  
trans-1,3-Dichloropropene  
Concen: 25.541 ug/L  
RT: 10.604 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 75 Resp: 129768  
Ion Ratio Lower Upper  
75 100  
77 31.1 21.8 40.4

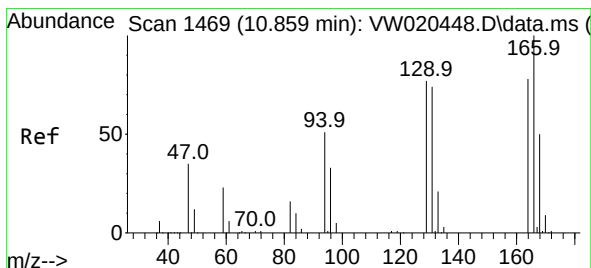
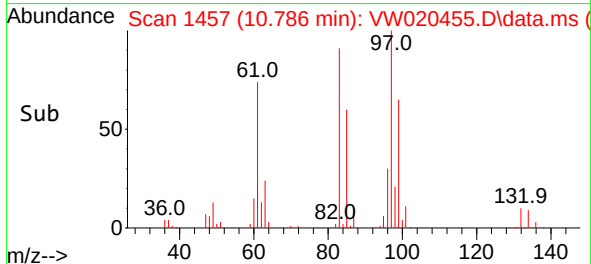
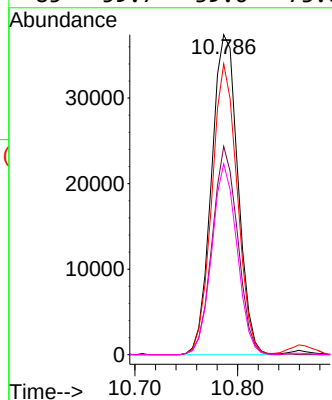
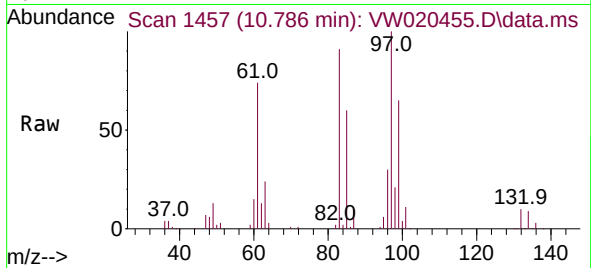




#45  
1,1,2-Trichloroethane  
Concen: 24.922 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

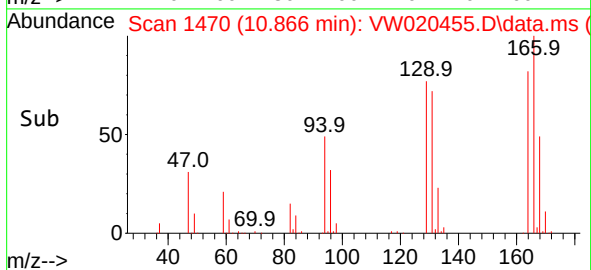
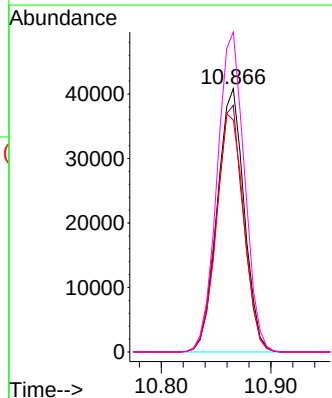
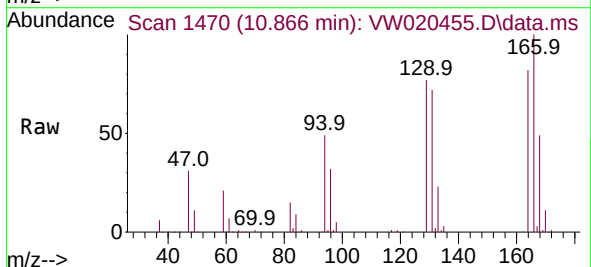
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

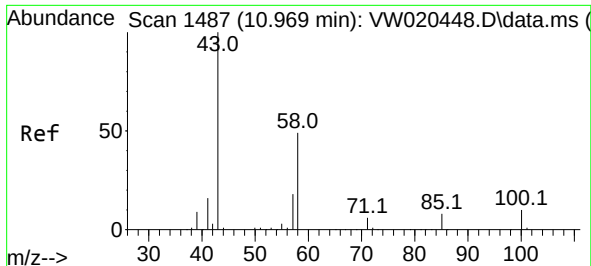
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 66844 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 65.1  | 42.8  | 79.4  |
| 83       | 90.9  | 60.9  | 113.1 |
| 85       | 59.7  | 39.6  | 73.6  |



#46  
Tetrachloroethene  
Concen: 24.341 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 69479 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 93.6  | 69.1  | 128.3 |
| 131      | 88.0  | 58.3  | 108.3 |
| 166      | 121.5 | 90.4  | 168.0 |

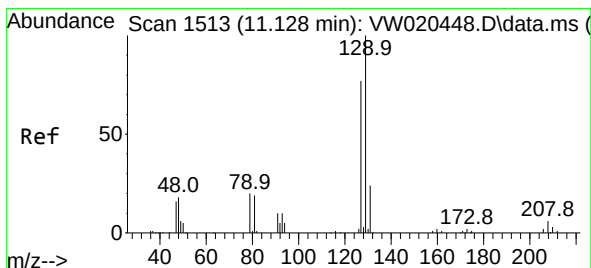
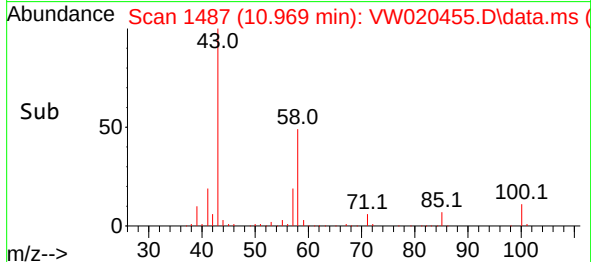
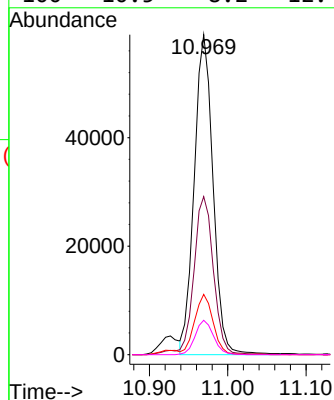
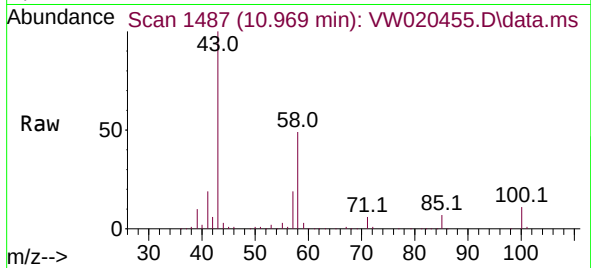




#48  
2-Hexanone  
Concen: 53.788 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

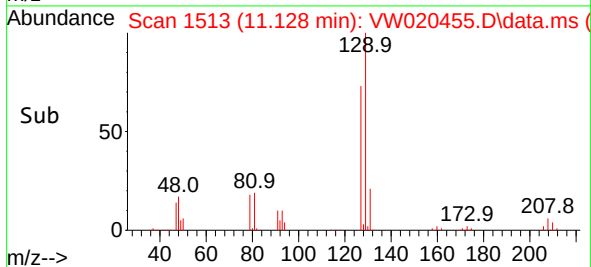
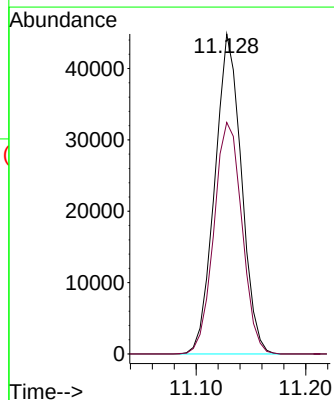
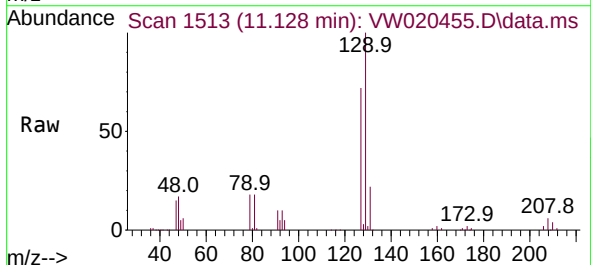
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

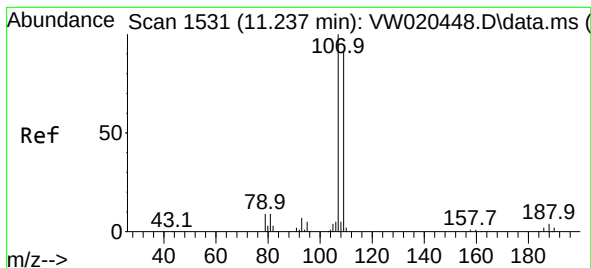
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 98946 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 50.7  | 39.5  | 59.3  |
| 57       | 18.5  | 14.2  | 21.4  |
| 100      | 10.5  | 8.2   | 12.4  |



#49  
Dibromochloromethane  
Concen: 25.649 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

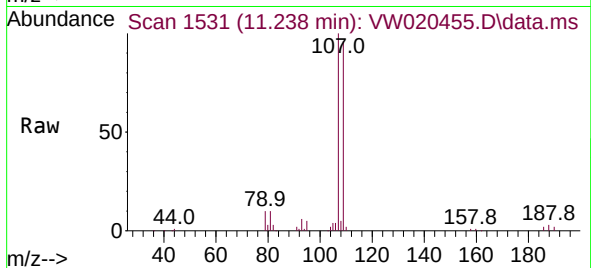
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 75789 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 72.4  | 55.1  | 102.3 |



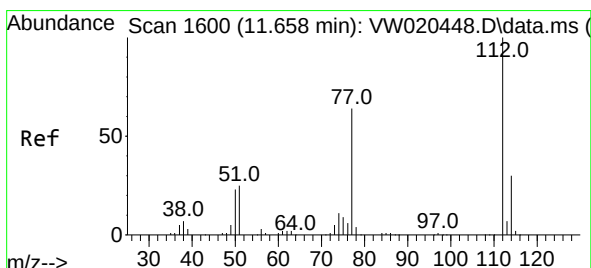
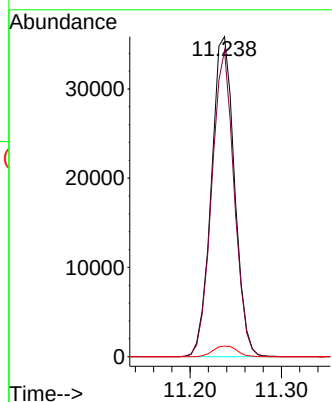
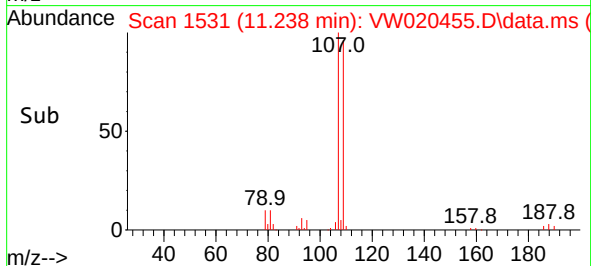


#50  
1,2-Dibromoethane  
Concen: 25.574 ug/L  
RT: 11.238 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

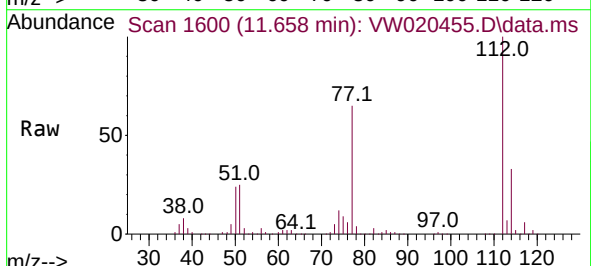
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031



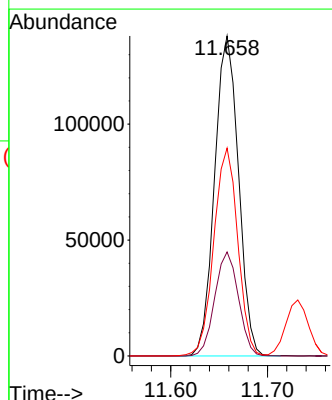
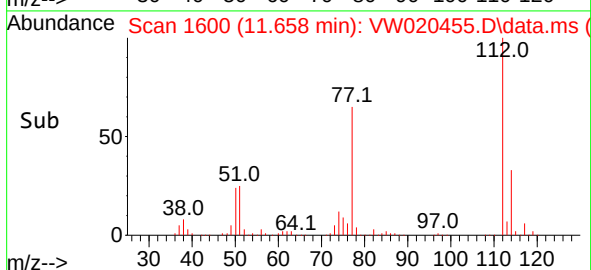
Tgt Ion:107 Resp: 63005  
Ion Ratio Lower Upper  
107 100  
109 95.8 64.5 119.9  
188 3.3 3.2 4.8

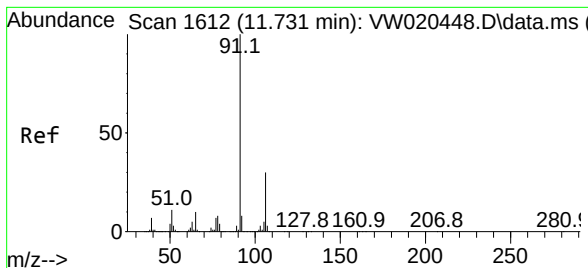


#51  
Chlorobenzene  
Concen: 23.740 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46



Tgt Ion:112 Resp: 236863  
Ion Ratio Lower Upper  
112 100  
114 32.5 22.3 41.5  
77 65.0 50.7 76.1

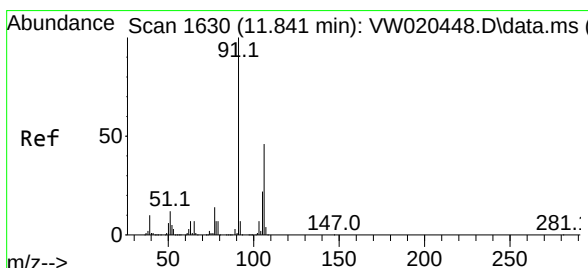
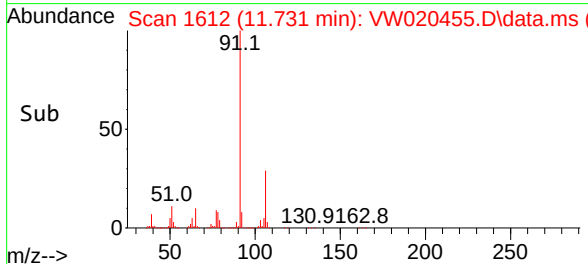
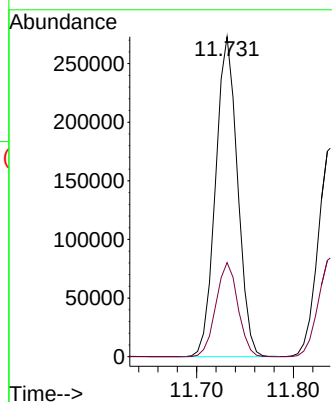
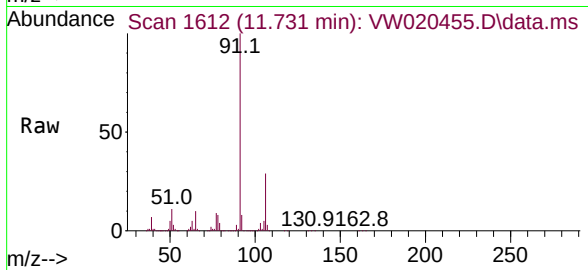




#52  
Ethylbenzene  
Concen: 24.540 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

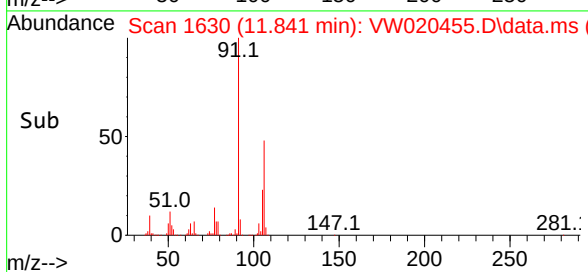
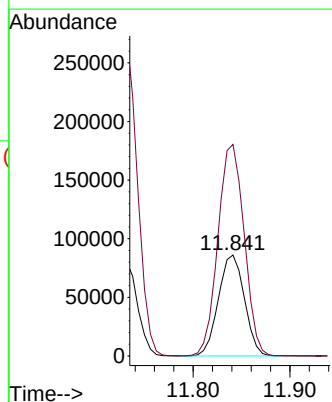
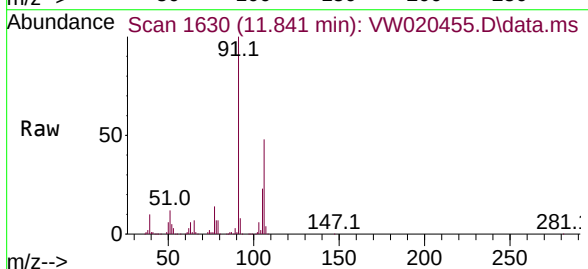
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

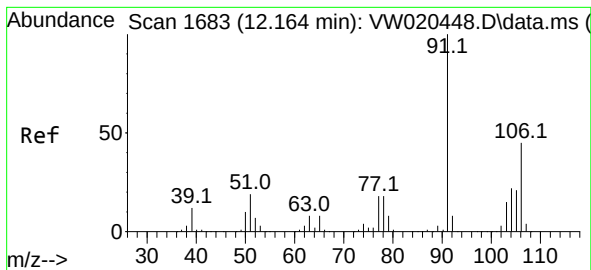
Tgt Ion: 91 Resp: 430579  
Ion Ratio Lower Upper  
91 100  
106 29.4 21.3 39.5



#53  
m,p-Xylene  
Concen: 24.696 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 106 Resp: 160549  
Ion Ratio Lower Upper  
106 100  
91 209.4 148.2 275.2

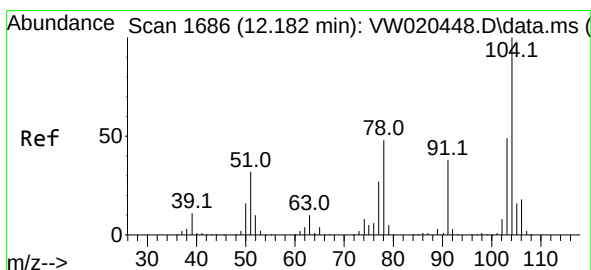
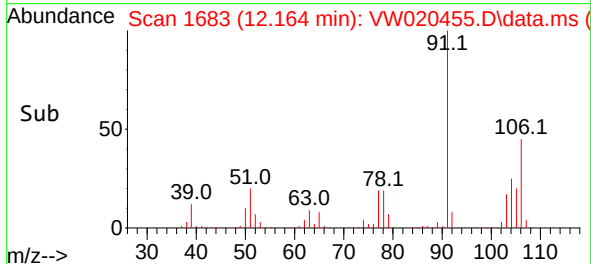
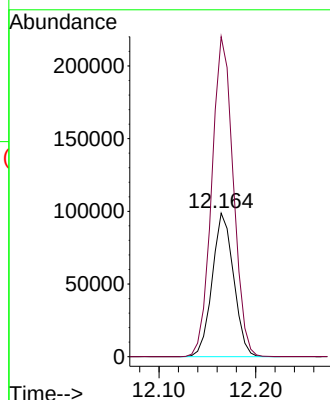
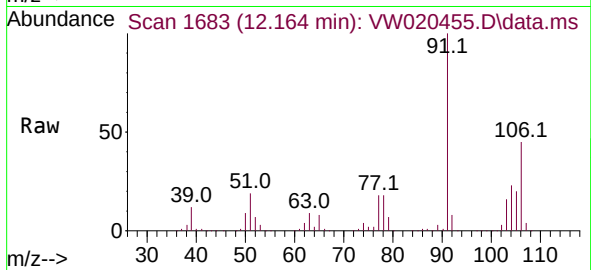




#54  
o-Xylene  
Concen: 25.268 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

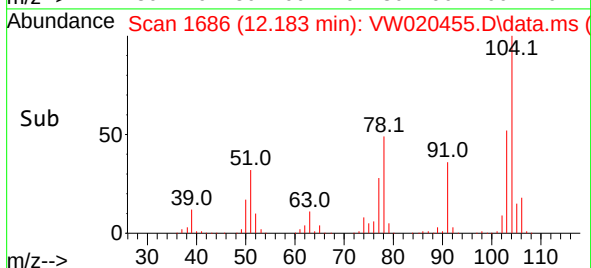
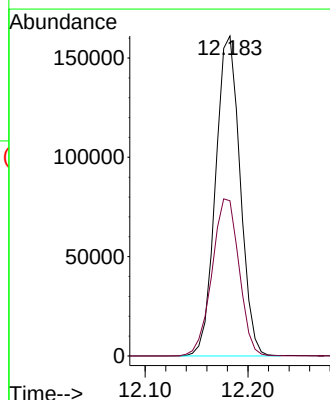
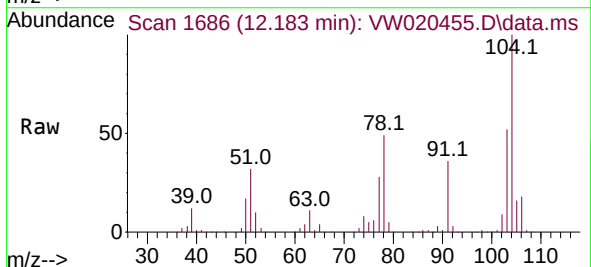
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

Tgt Ion:106 Resp: 151706  
Ion Ratio Lower Upper  
106 100  
91 222.9 156.1 289.9

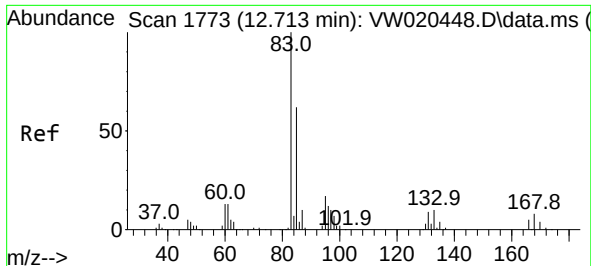


#55  
Styrene  
Concen: 25.445 ug/L  
RT: 12.183 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion:104 Resp: 267112  
Ion Ratio Lower Upper  
104 100  
78 48.5 33.2 61.7



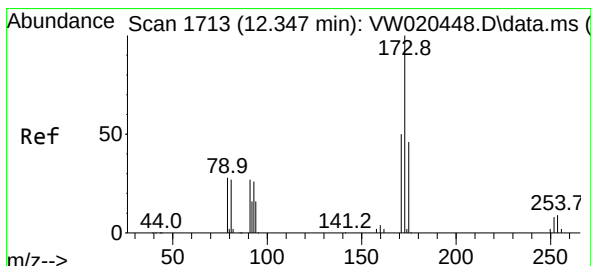
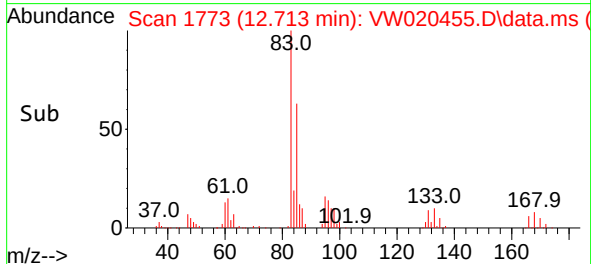
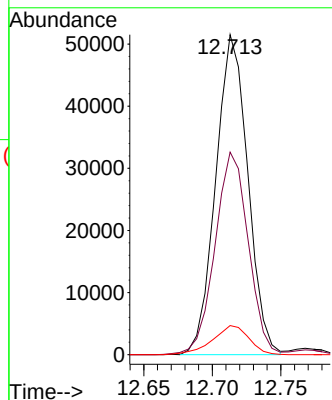
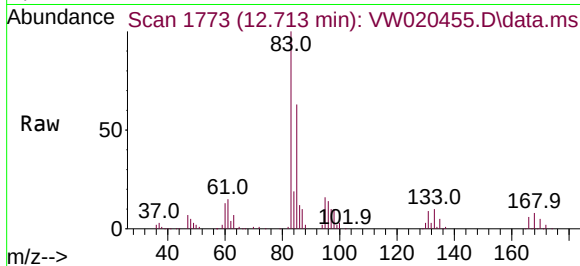




#57  
1,1,2,2-Tetrachloroethane  
Concen: 25.235 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

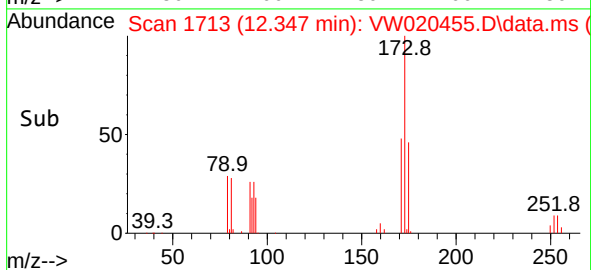
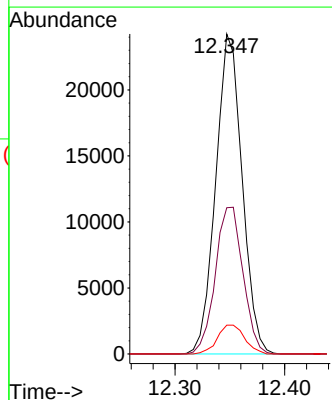
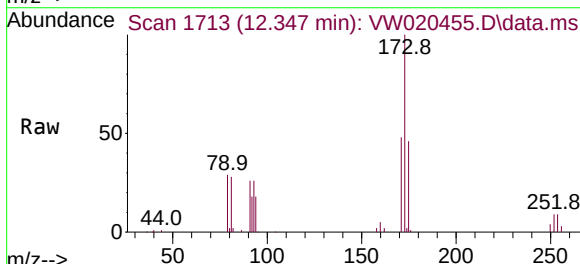
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

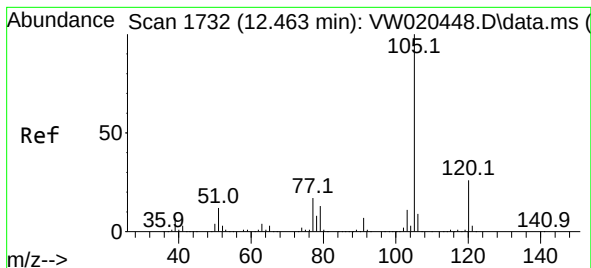
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 83906 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 63.3  | 45.9  | 85.3  |
| 131       | 9.1   | 7.4   | 11.2  |



#59  
Bromoform  
Concen: 25.702 ug/L  
RT: 12.347 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 40590 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.1  | 38.6  | 57.8  |
| 254       | 9.3   | 7.3   | 10.9  |

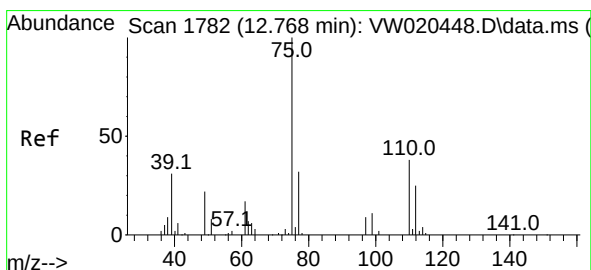
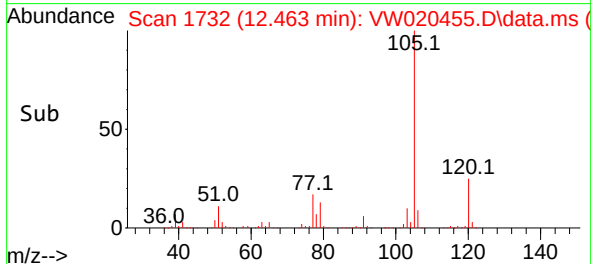
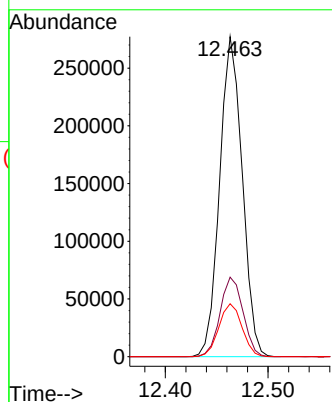
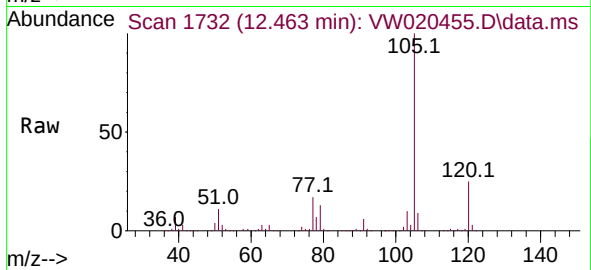




#60  
Isopropylbenzene  
Concen: 25.582 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

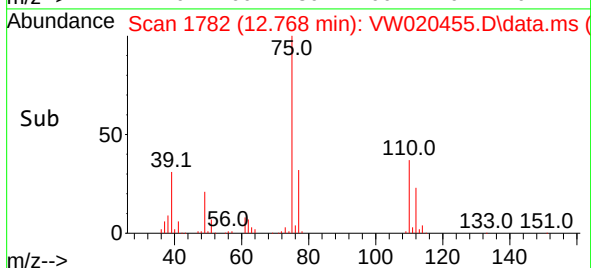
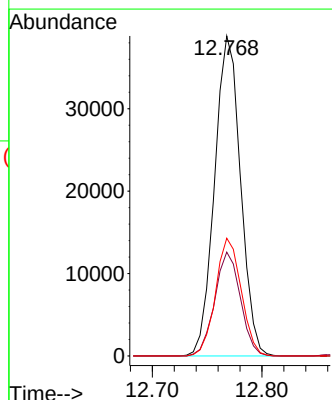
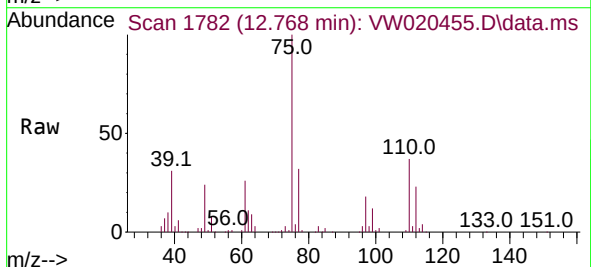
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

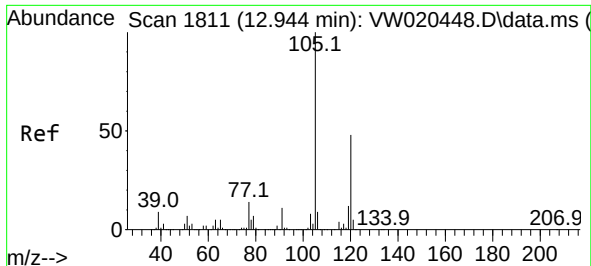
Tgt Ion:105 Resp: 423284  
Ion Ratio Lower Upper  
105 100  
120 25.2 20.3 30.5  
77 16.9 13.8 20.6



#61  
1,2,3-Trichloropropane  
Concen: 25.734 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 75 Resp: 63911  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.1 37.7  
110 36.3 29.4 44.0

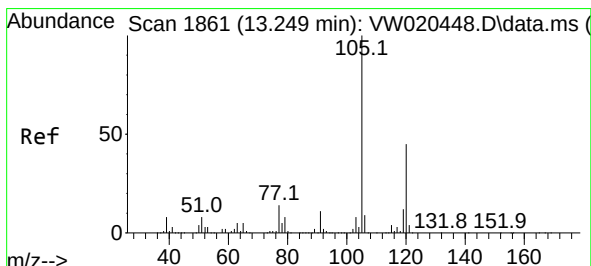
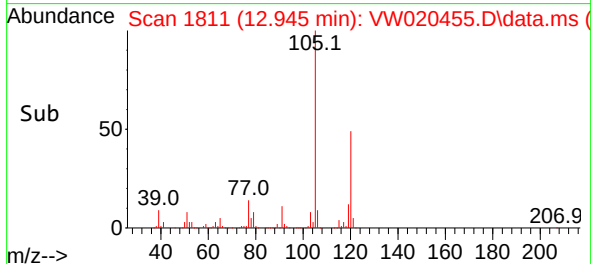
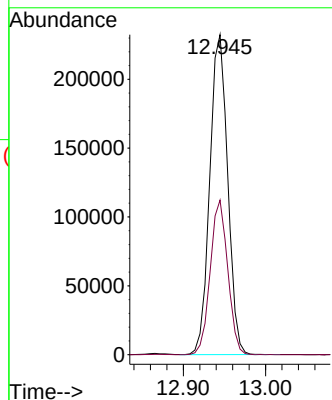
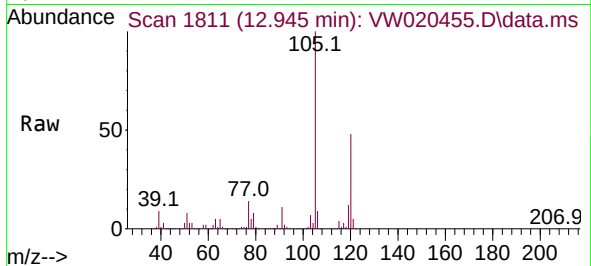




#62  
1,3,5-Trimethylbenzene  
Concen: 25.959 ug/L  
RT: 12.945 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

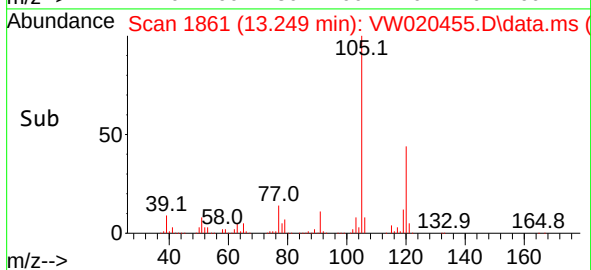
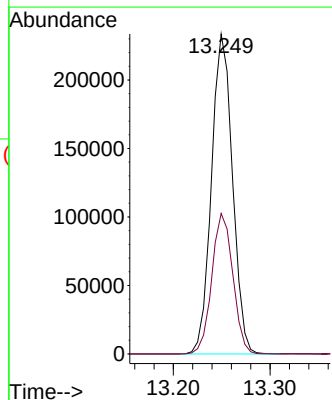
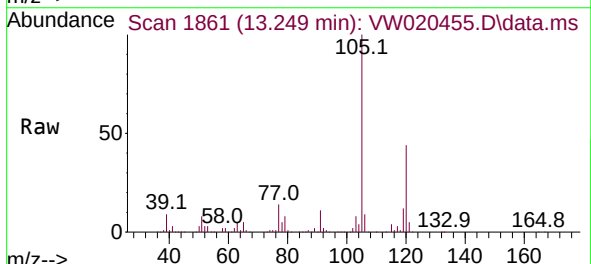
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

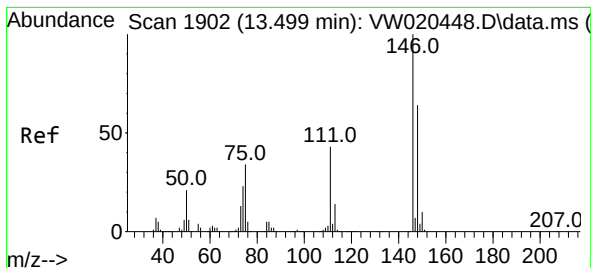
Tgt Ion:105 Resp: 350694  
Ion Ratio Lower Upper  
105 100  
120 47.3 37.9 56.9



#63  
1,2,4-Trimethylbenzene  
Concen: 26.365 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion:105 Resp: 352802  
Ion Ratio Lower Upper  
105 100  
120 43.9 35.4 53.2

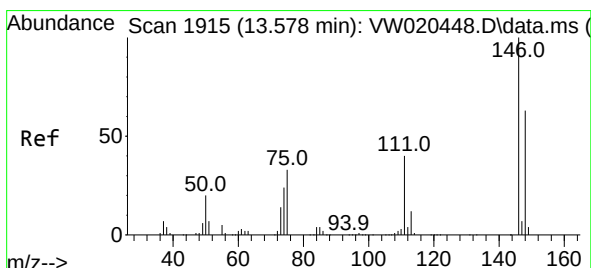
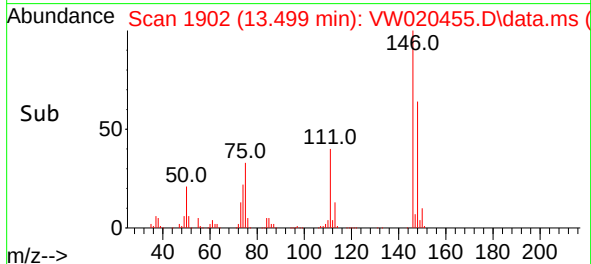
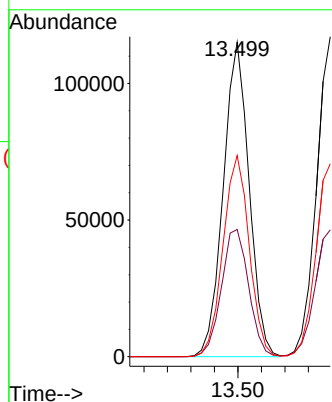
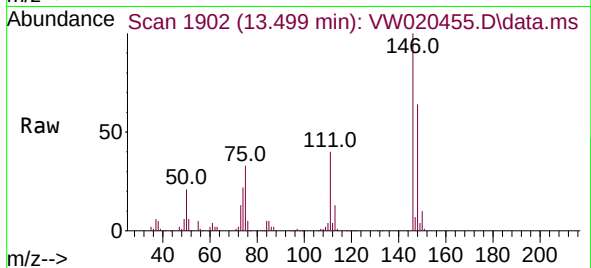




#64  
1,3-Dichlorobenzene  
Concen: 24.559 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

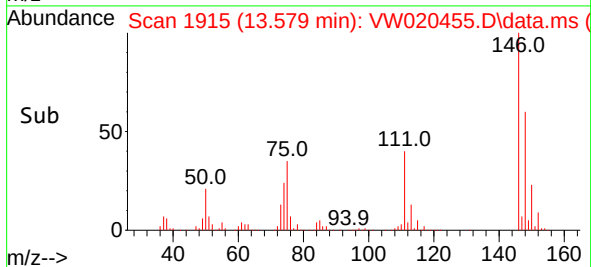
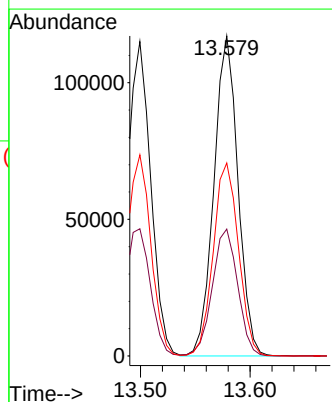
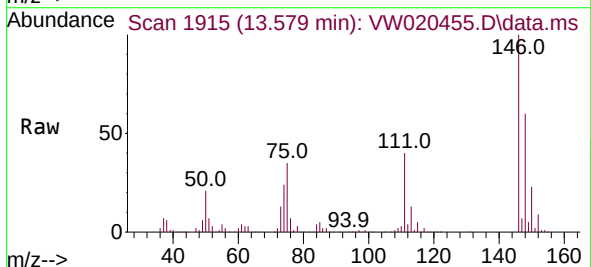
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

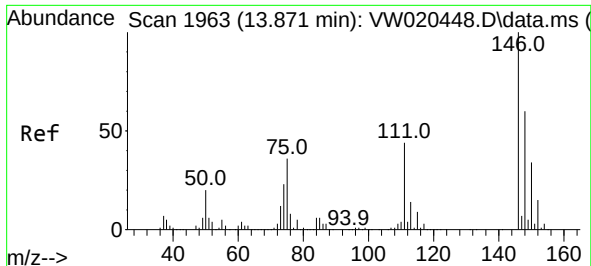
Tgt Ion:146 Resp: 175824  
Ion Ratio Lower Upper  
146 100  
111 40.4 29.0 53.8  
148 64.0 42.4 78.6



#65  
1,4-Dichlorobenzene  
Concen: 24.143 ug/L  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion:146 Resp: 178783  
Ion Ratio Lower Upper  
146 100  
111 39.6 30.9 57.5  
148 60.3 46.1 85.7

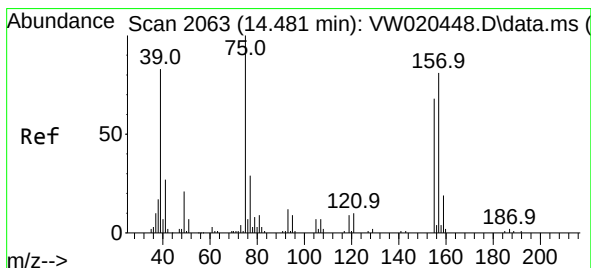
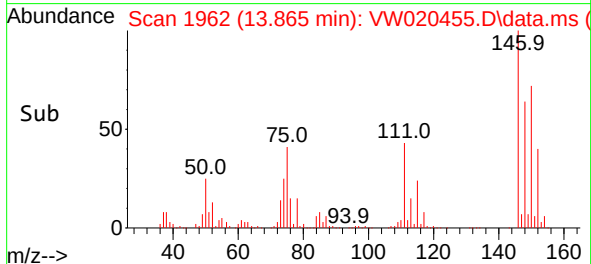
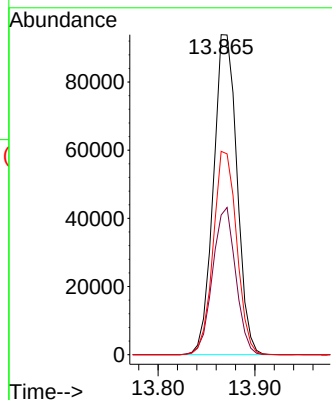
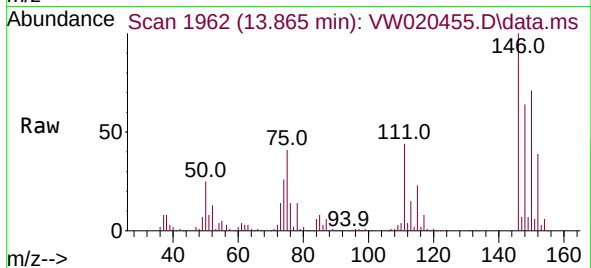




#67  
1,2-Dichlorobenzene  
Concen: 24.177 ug/L  
RT: 13.865 min Scan# 1962  
Delta R.T. -0.006 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

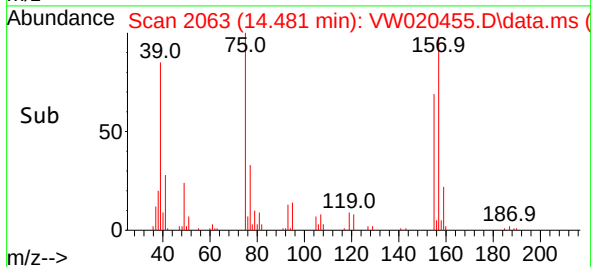
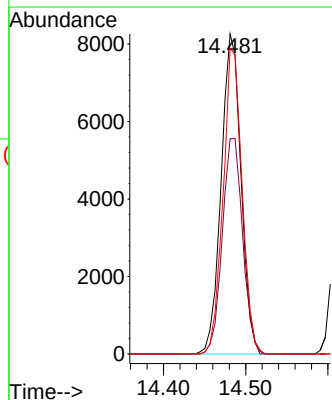
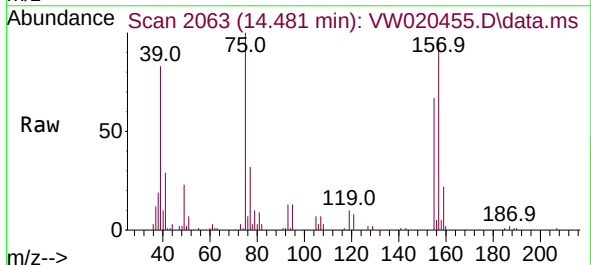
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

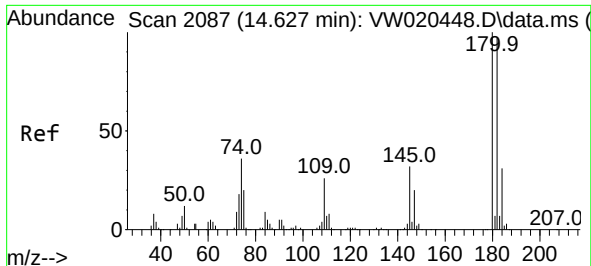
Tgt Ion:146 Resp: 158573  
Ion Ratio Lower Upper  
146 100  
111 43.7 33.9 50.9  
148 63.5 51.0 76.4



#68  
1,2-Dibromo-3-chloropropane  
Concen: 26.183 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion: 75 Resp: 13812  
Ion Ratio Lower Upper  
75 100  
155 67.3 51.4 77.0  
157 95.6 70.8 106.2

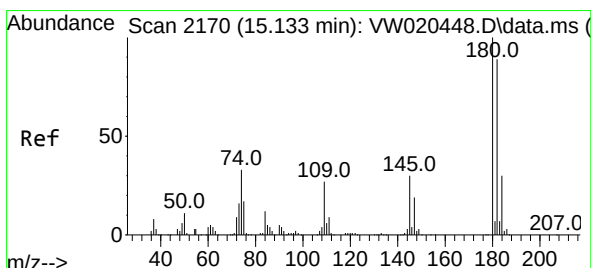
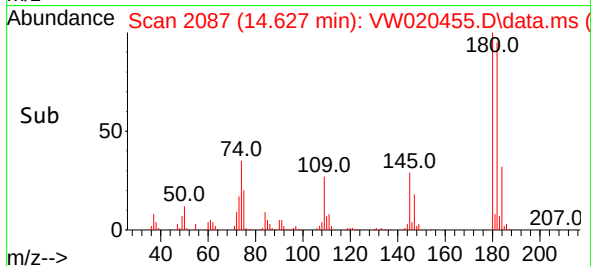
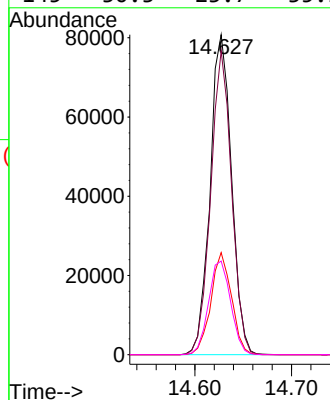
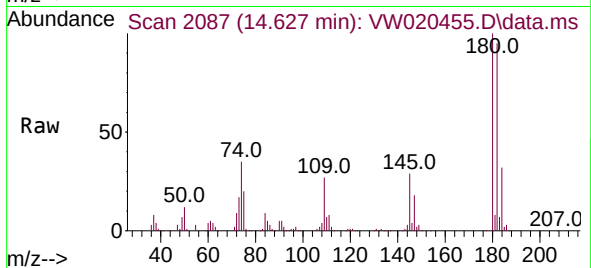




#69  
1,3,5-Trichlorobenzene  
Concen: 24.360 ug/L  
RT: 14.627 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

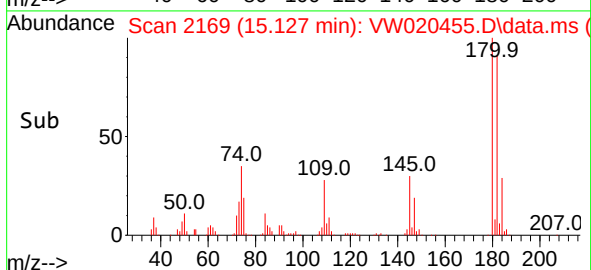
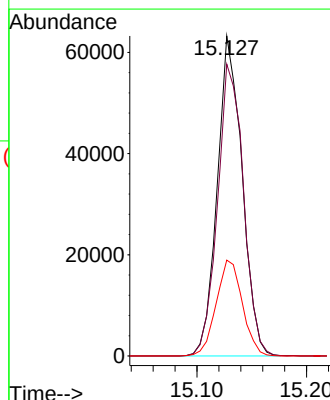
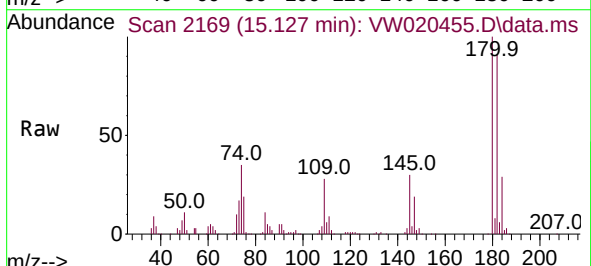
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

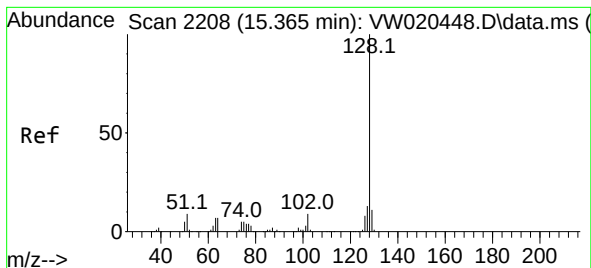
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 124356     |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 92.6  | 73.4 110.0 |
| 184         | 30.8  | 24.2 36.4  |
| 145         | 30.3  | 23.7 35.5  |



#70  
1,2,4-trichlorobenzene  
Concen: 24.638 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. -0.006 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 99593      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 95.0  | 75.8 113.8 |
| 145         | 31.6  | 24.8 37.2  |

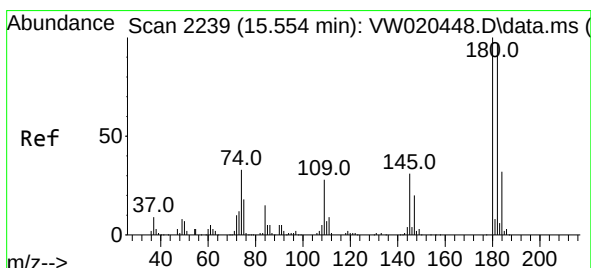
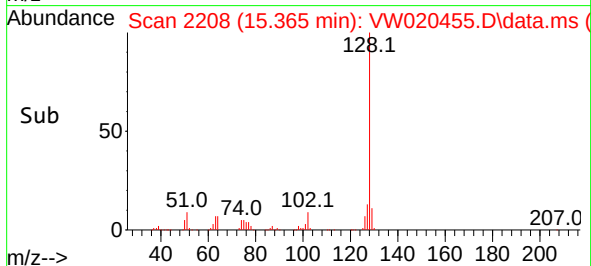
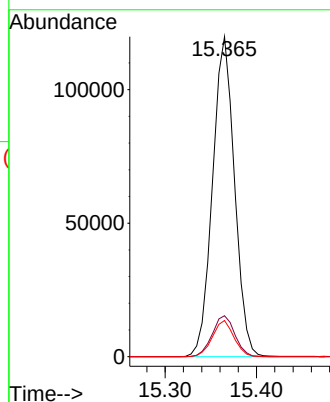
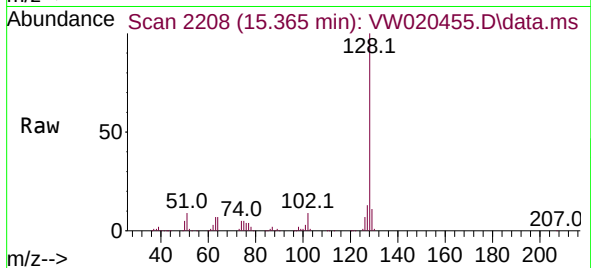




#71  
Naphthalene  
Concen: 27.528 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD025031

Tgt Ion:128 Resp: 200063  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.5 15.7  
129 11.1 8.7 13.1



#72  
1,2,3-Trichlorobenzene  
Concen: 25.744 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VW020455.D  
Acq: 13 Oct 2021 11:46

Tgt Ion:180 Resp: 91399  
Ion Ratio Lower Upper  
180 100  
182 94.2 74.8 112.2  
145 32.8 26.2 39.4

