

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100422\  
 Data File : VW024712.D  
 Acq On : 04 Oct 2022 08:46  
 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 05 07:17:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 30 22:12:13 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 590973   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 525156   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 248241   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 147561   | 23.865   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 95.480%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 85612    | 23.827   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 95.320%  |
| 11) 1,1-Dichloroethene-d2     | 4.026  | 63    | 342593   | 23.939   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 95.760%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 100222   | 45.084   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 90.160%  |
| 24) Chloroform-d              | 7.647  | 84    | 366997   | 23.229   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 92.920%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 179490   | 21.900   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 87.600%  |
| 32) Benzene-d6                | 8.275  | 84    | 725717   | 21.621   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 86.480%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 228421   | 22.273   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 89.080%  |
| 41) Toluene-d8                | 10.323 | 98    | 636324   | 21.211   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 84.840%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 86017    | 18.834   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 75.320%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 75601    | 43.085   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 86.160%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 167671   | 22.945   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 91.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 200468   | 22.949   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 91.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.014  | 85    | 55510    | 15.299   | ug/L   | 91       |
| 3) Chloromethane              | 2.215  | 50    | 139447   | 19.736   | ug/L   | 97       |
| 5) Vinyl chloride             | 2.361  | 62    | 223848   | 30.813   | ug/L   | 97       |
| 6) Bromomethane               | 2.782  | 94    | 101575   | 30.296   | ug/L   | 94       |
| 8) Chloroethane               | 2.922  | 64    | 84400    | 27.557   | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 3.257  | 101   | 107991   | 26.571   | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101   | 213888   | 27.593   | ug/L # | 78       |
| 12) 1,1-Dichloroethene        | 4.044  | 96    | 210281   | 27.200   | ug/L   | 90       |
| 13) Acetone                   | 4.123  | 43    | 109729   | 67.655   | ug/L   | 97       |
| 14) Carbon disulfide          | 4.385  | 76    | 678323   | 27.793   | ug/L   | 100      |
| 15) Methyl Acetate            | 4.672  | 43    | 87347    | 24.321   | ug/L   | 98       |
| 16) Methylene chloride        | 4.916  | 84    | 217278   | 18.721   | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 5.422  | 96    | 225915   | 26.008   | ug/L   | 95       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73    | 328065   | 23.820   | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 6.214  | 63    | 415812   | 25.586   | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 237119   | 25.441   | ug/L   | 96       |
| 22) 2-Butanone                | 7.171  | 43    | 134287   | 51.764   | ug/L   | 99       |
| 23) Bromochloromethane        | 7.513  | 128   | 94013    | 24.818   | ug/L   | 96       |
| 25) Chloroform                | 7.677  | 83    | 391652   | 25.414   | ug/L   | 94       |

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 ALS Vial : 1 Sample Multiplier: 1

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 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 05 07:17:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM092622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 30 22:12:13 2022  
 Response via : Initial Calibration

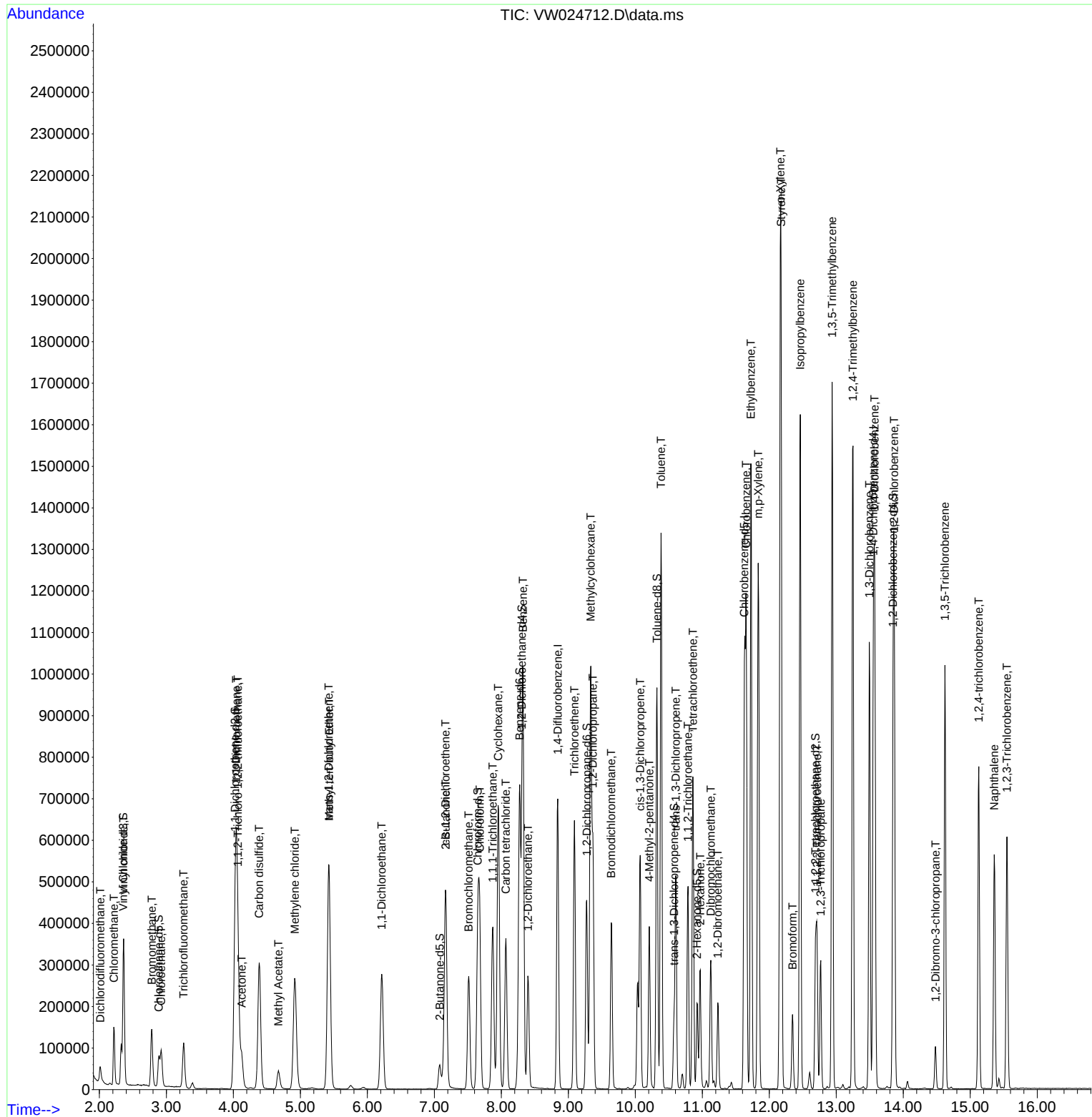
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 243812   | 25.143 | ug/L  | 99       |
| 29) Cyclohexane               | 7.952  | 56   | 411317   | 25.147 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 317153   | 24.958 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 271382   | 25.219 | ug/L  | 100      |
| 33) Benzene                   | 8.324  | 78   | 931210   | 25.335 | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 235933   | 25.325 | ug/L  | 95       |
| 35) Methylcyclohexane         | 9.336  | 83   | 426287   | 24.961 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 230032   | 25.350 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.640  | 83   | 275586   | 24.690 | ug/L  | 96       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 342818   | 23.891 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 253273   | 47.155 | ug/L  | 99       |
| 42) Toluene                   | 10.384 | 91   | 964008   | 25.397 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 279542   | 22.722 | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 10.787 | 97   | 156145   | 25.192 | ug/L  | 98       |
| 46) Tetrachloroethene         | 10.860 | 164  | 155296   | 24.534 | ug/L  | 85       |
| 48) 2-Hexanone                | 10.969 | 43   | 184532   | 50.808 | ug/L  | 100      |
| 49) Dibromochloromethane      | 11.128 | 129  | 167920   | 24.059 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 11.232 | 107  | 140285   | 23.912 | ug/L  | 98       |
| 51) Chlorobenzene             | 11.652 | 112  | 589788   | 25.377 | ug/L  | 98       |
| 52) Ethylbenzene              | 11.725 | 91   | 1066284  | 25.504 | ug/L  | 99       |
| 53) m,p-Xylene                | 11.835 | 106  | 413384   | 25.321 | ug/L  | 95       |
| 54) o-Xylene                  | 12.164 | 106  | 392882   | 25.483 | ug/L  | 97       |
| 55) Styrene                   | 12.177 | 104  | 658396   | 25.332 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 180143   | 24.823 | ug/L  | 100      |
| 59) Bromoform                 | 12.347 | 173  | 79551    | 22.671 | ug/L  | 98       |
| 60) Isopropylbenzene          | 12.463 | 105  | 1057115  | 26.128 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 131402   | 24.573 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.939 | 105  | 908207   | 25.827 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 880669   | 25.564 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 13.493 | 146  | 413163   | 25.136 | ug/L  | 94       |
| 65) 1,4-Dichlorobenzene       | 13.573 | 146  | 409418   | 25.587 | ug/L  | 91       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 368210   | 25.719 | ug/L  | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 27534    | 21.774 | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 14.621 | 180  | 284264   | 26.046 | ug/L  | 96       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 219500   | 23.940 | ug/L  | 98       |
| 71) Naphthalene               | 15.359 | 128  | 483498   | 24.219 | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 186246   | 23.868 | ug/L  | 98       |

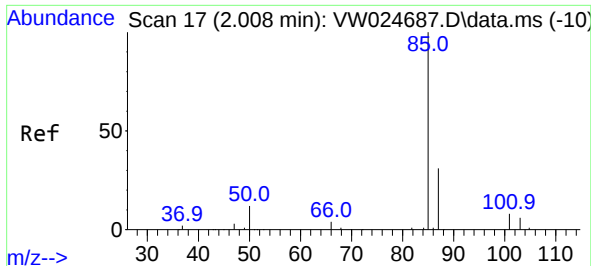
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Quant Title : SFAM01.0  
QLast Update : Fri Sep 30 22:12:13 2022  
Response via : Initial Calibration

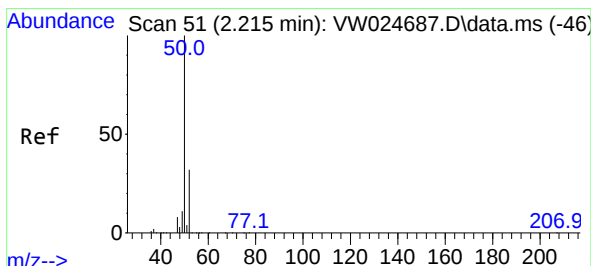
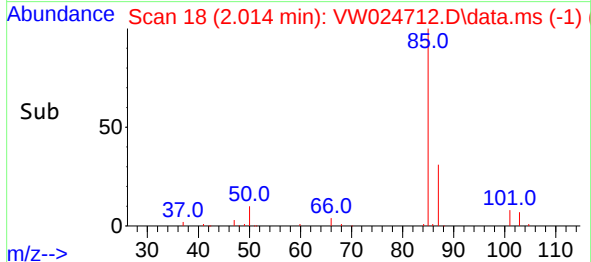
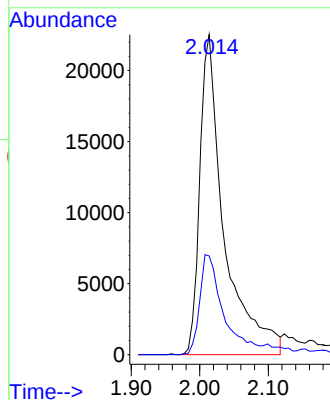
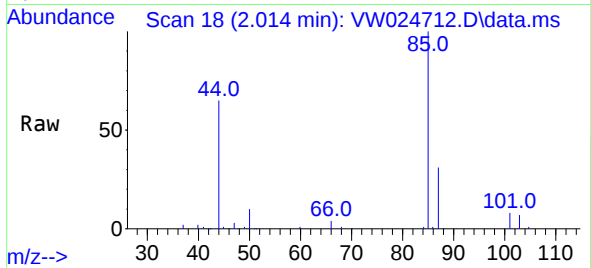




#2  
Dichlorodifluoromethane  
Concen: 15.299 ug/L  
RT: 2.014 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

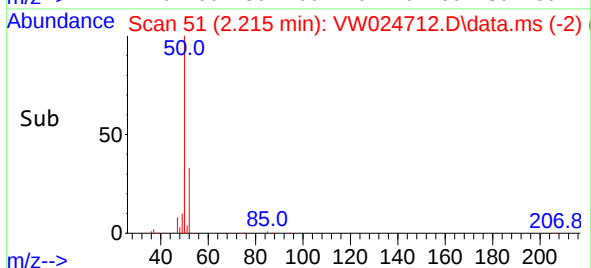
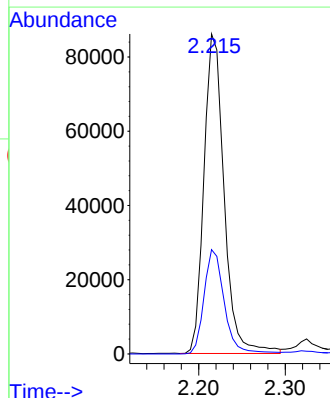
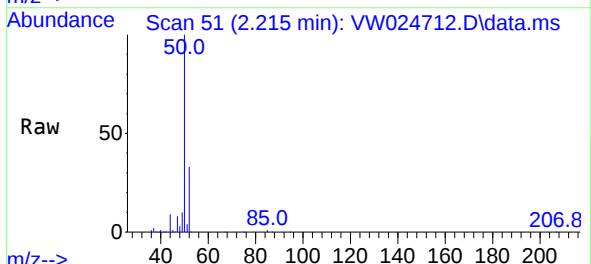
Instrument :  
MSVOA\_W  
ClientSampleId :

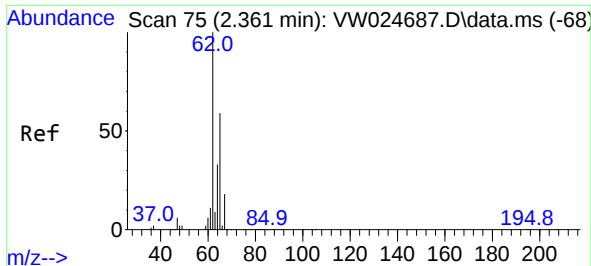
Tgt Ion: 85 Resp: 55510  
Ion Ratio Lower Upper  
85 100  
87 30.5 28.8 43.2



#3  
Chloromethane  
Concen: 19.736 ug/L  
RT: 2.215 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Tgt Ion: 50 Resp: 139447  
Ion Ratio Lower Upper  
50 100  
52 32.6 21.7 40.3

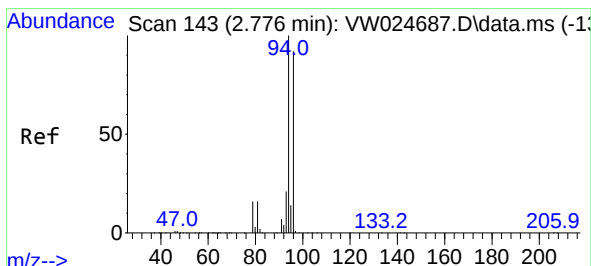
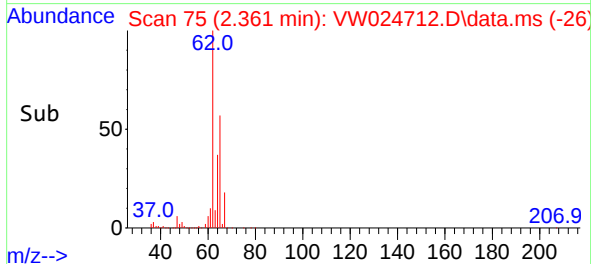
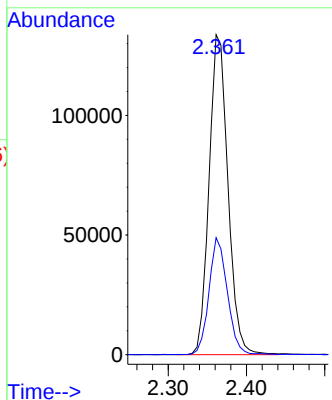
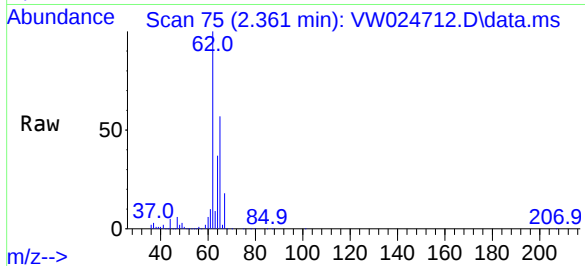




#5  
 Vinyl chloride  
 Concen: 30.813 ug/L  
 RT: 2.361 min Scan# 75  
 Delta R.T. 0.000 min  
 Lab File: VW024712.D  
 Acq: 04 Oct 2022 08:46

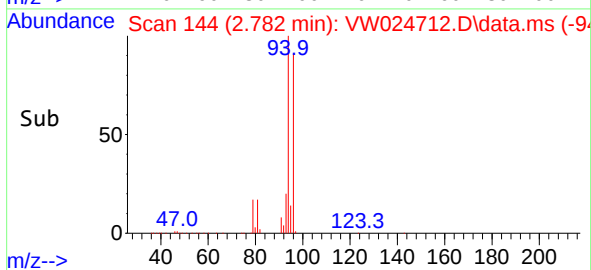
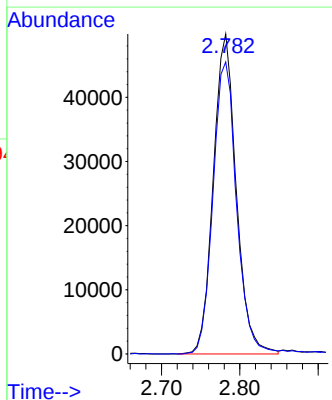
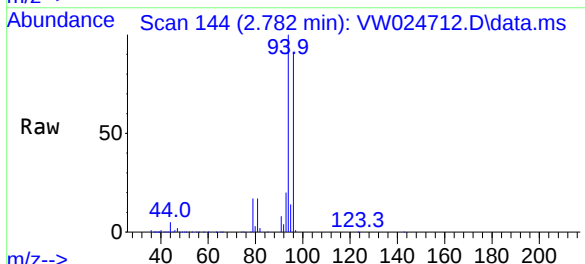
Instrument :  
 MSVOA\_W  
 ClientSampleId :

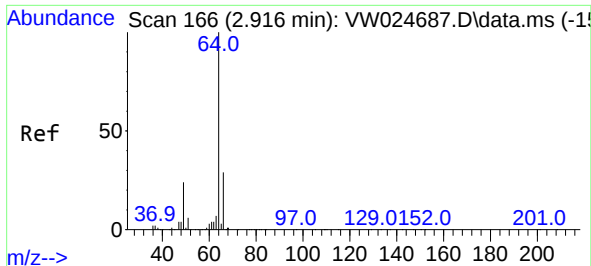
Tgt Ion: 62 Resp: 223848  
 Ion Ratio Lower Upper  
 62 100  
 64 36.6 24.4 45.2



#6  
 Bromomethane  
 Concen: 30.296 ug/L  
 RT: 2.782 min Scan# 144  
 Delta R.T. 0.006 min  
 Lab File: VW024712.D  
 Acq: 04 Oct 2022 08:46

Tgt Ion: 94 Resp: 101575  
 Ion Ratio Lower Upper  
 94 100  
 96 91.2 68.0 126.2

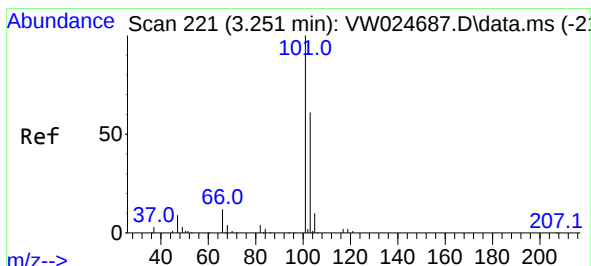
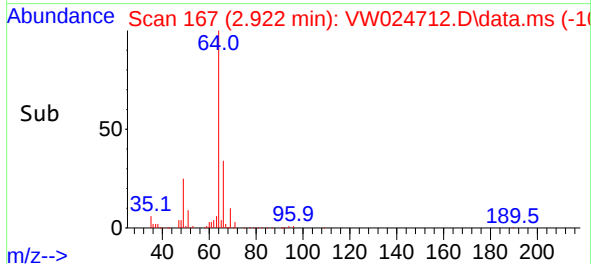
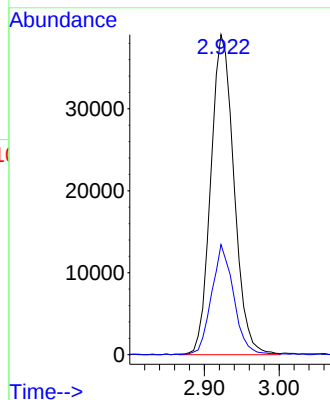
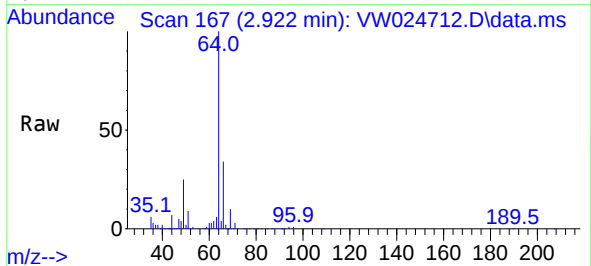




#8  
Chloroethane  
Concen: 27.557 ug/L  
RT: 2.922 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

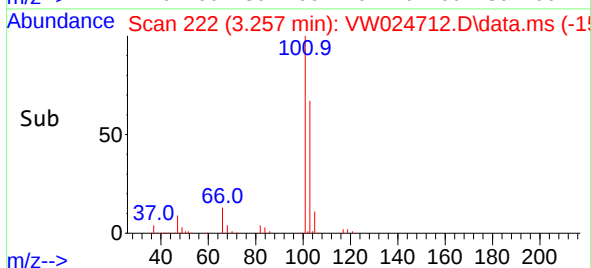
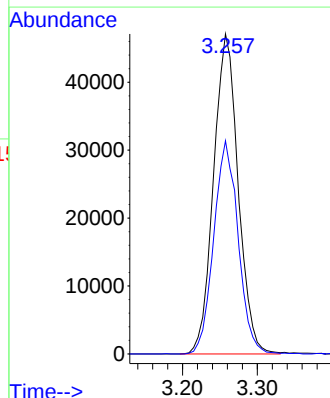
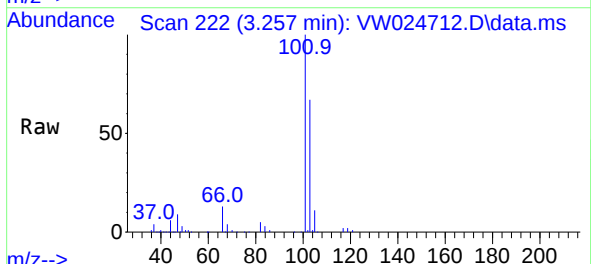
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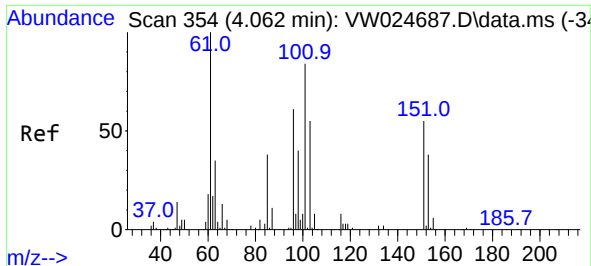
Tgt Ion: 64 Resp: 84400  
Ion Ratio Lower Upper  
64 100  
66 34.4 22.5 41.9



#9  
Trichlorofluoromethane  
Concen: 26.571 ug/L  
RT: 3.257 min Scan# 222  
Delta R.T. 0.006 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Tgt Ion: 101 Resp: 107991  
Ion Ratio Lower Upper  
101 100  
103 65.9 53.4 80.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 27.593 ug/L

RT: 4.068 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW024712.D

Acq: 04 Oct 2022 08:46

Instrument :

MSVOA\_W

ClientSampleId :

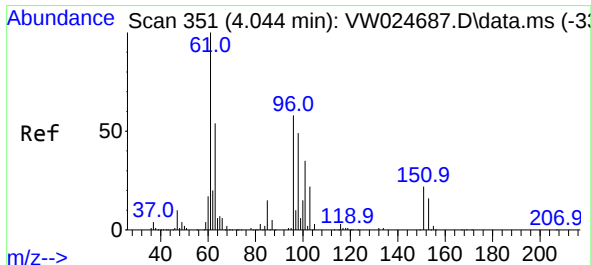
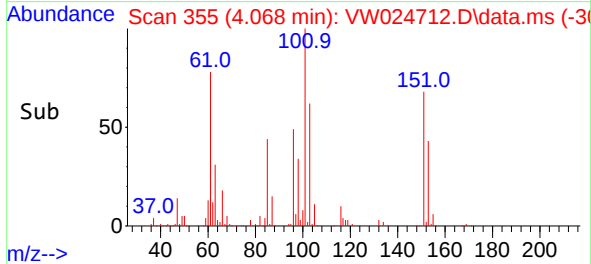
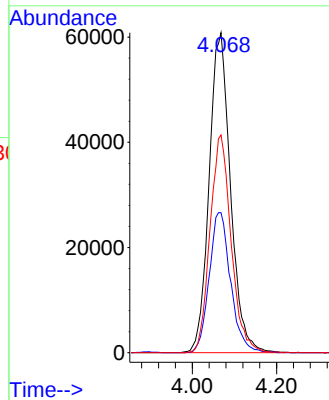
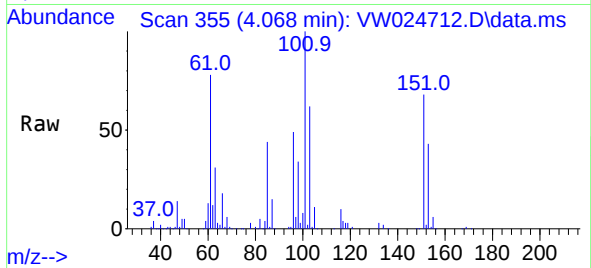
Tgt Ion:101 Resp: 213888

Ion Ratio Lower Upper

101 100

85 43.8 34.9 52.3

151 67.1 30.9 46.3#



#12

1,1-Dichloroethene

Concen: 27.200 ug/L

RT: 4.044 min Scan# 351

Delta R.T. 0.000 min

Lab File: VW024712.D

Acq: 04 Oct 2022 08:46

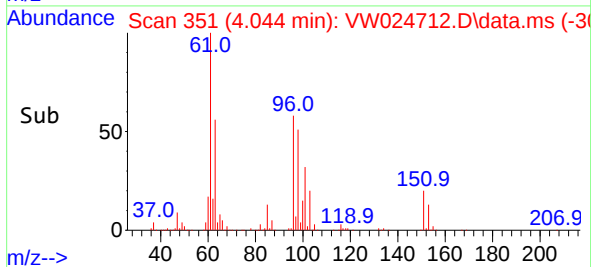
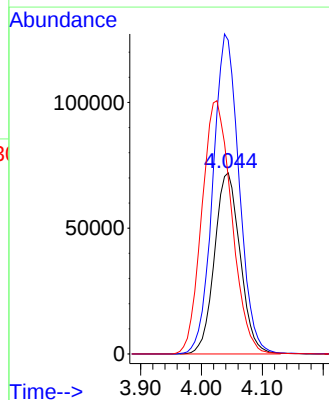
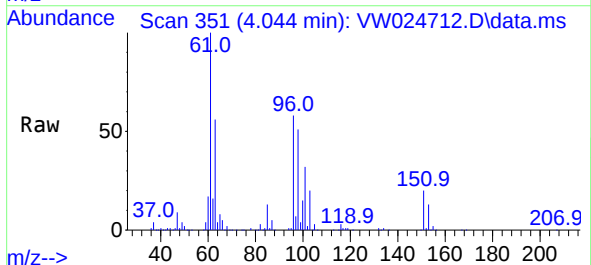
Tgt Ion: 96 Resp: 210281

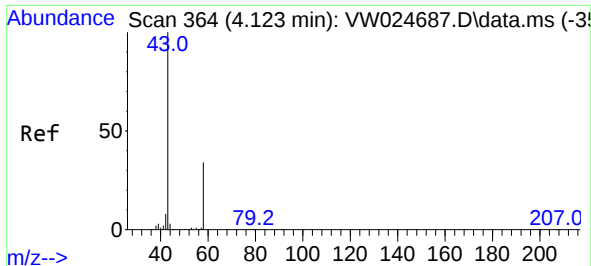
Ion Ratio Lower Upper

96 100

61 173.3 124.5 231.1

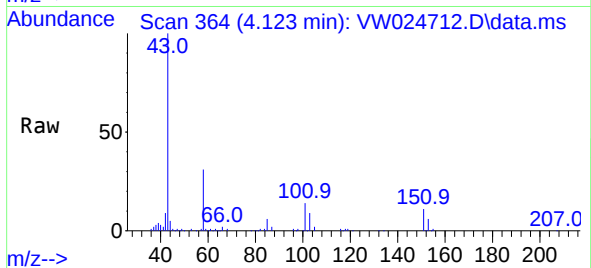
63 97.6 84.1 156.1



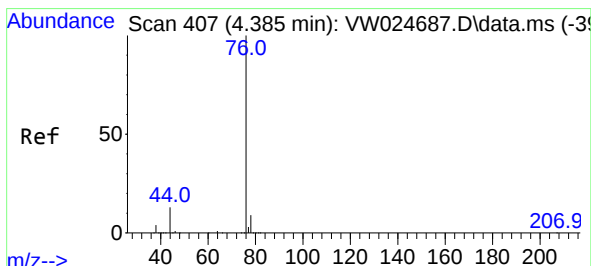
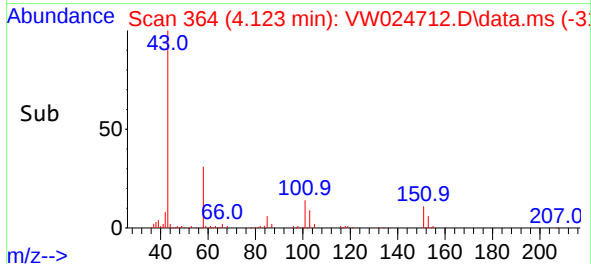
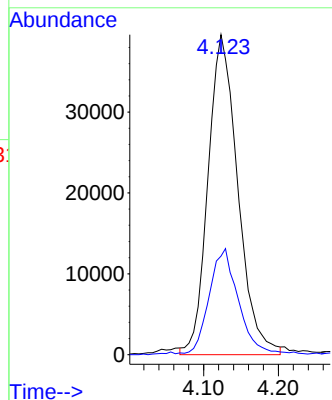


#13  
Acetone  
Concen: 67.655 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Instrument :  
MSVOA\_W  
ClientSampleId :

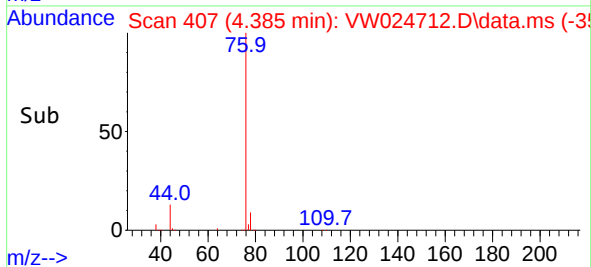
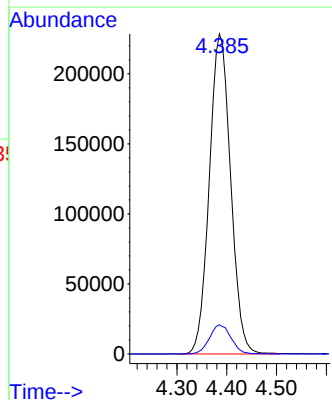
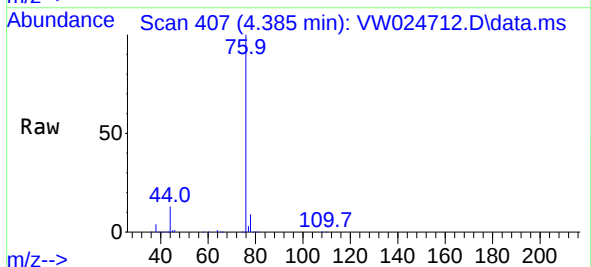


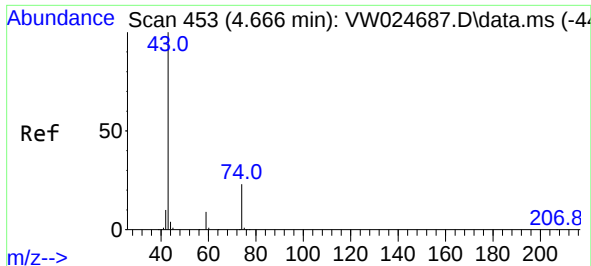
Tgt Ion: 43 Resp: 109729  
Ion Ratio Lower Upper  
43 100  
58 32.2 0.0 67.6



#14  
Carbon disulfide  
Concen: 27.793 ug/L  
RT: 4.385 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

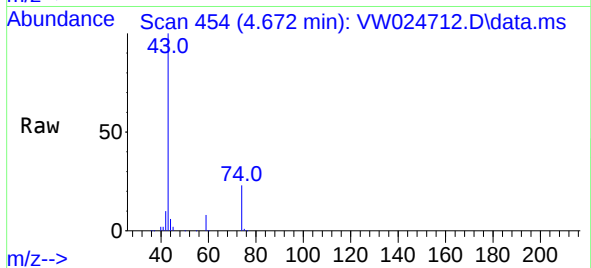
Tgt Ion: 76 Resp: 678323  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



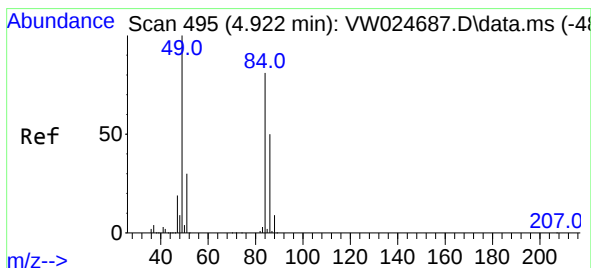
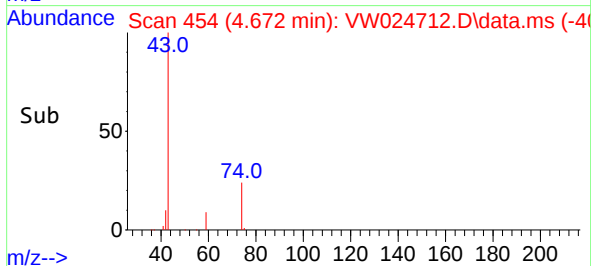
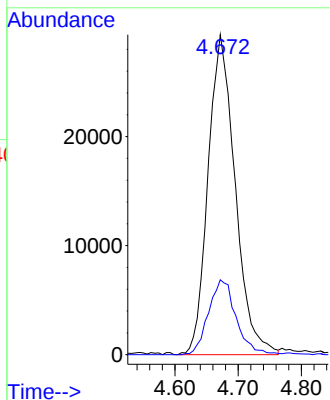


#15  
Methyl Acetate  
Concen: 24.321 ug/L  
RT: 4.672 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Instrument :  
MSVOA\_W  
ClientSampleId :

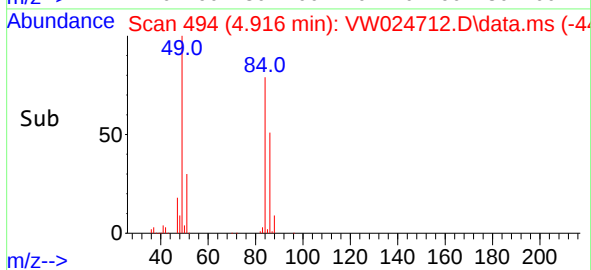
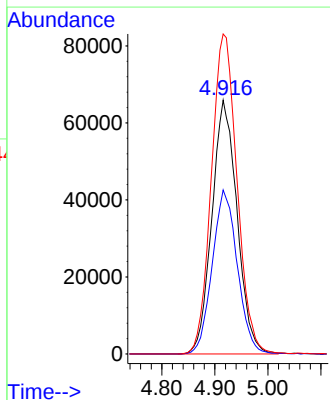
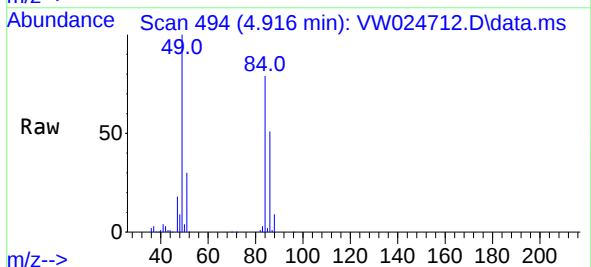


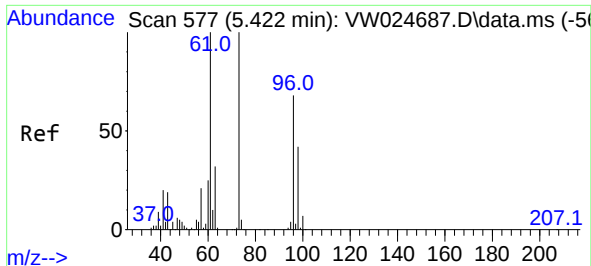
Tgt Ion: 43 Resp: 87347  
Ion Ratio Lower Upper  
43 100  
74 23.3 18.1 27.1



#16  
Methylene chloride  
Concen: 18.721 ug/L  
RT: 4.916 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

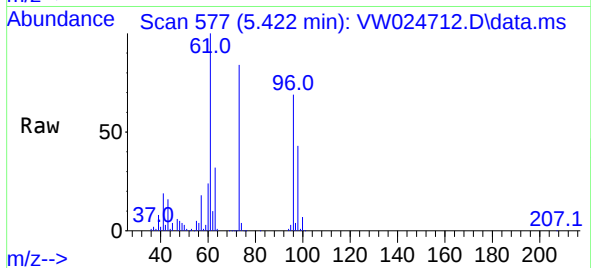
Tgt Ion: 84 Resp: 217278  
Ion Ratio Lower Upper  
84 100  
86 64.6 44.0 81.8  
49 126.1 87.4 162.2



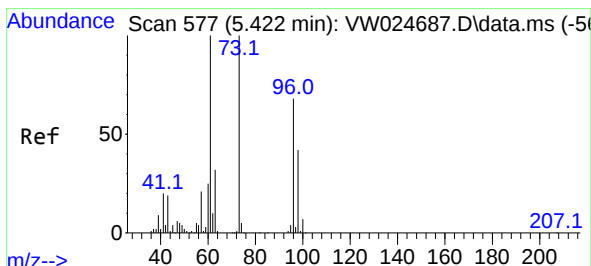
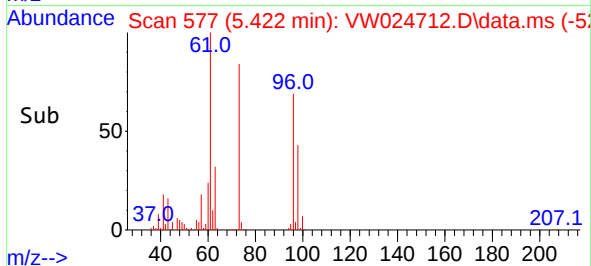
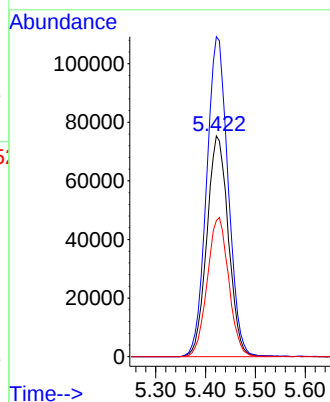


#17  
trans-1,2-Dichloroethene  
Concen: 26.008 ug/L  
RT: 5.422 min Scan# 517  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Instrument :  
MSVOA\_W  
ClientSampleId :

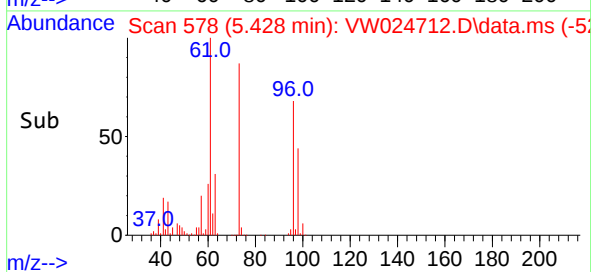
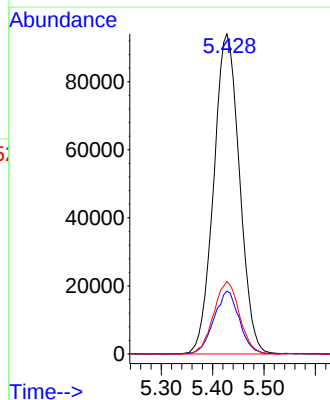
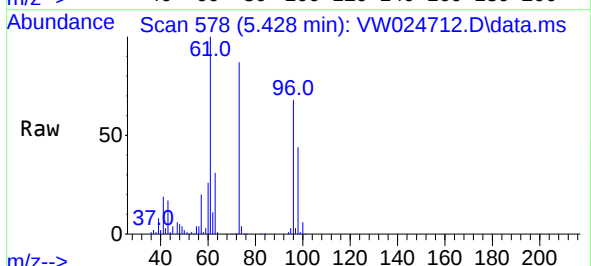


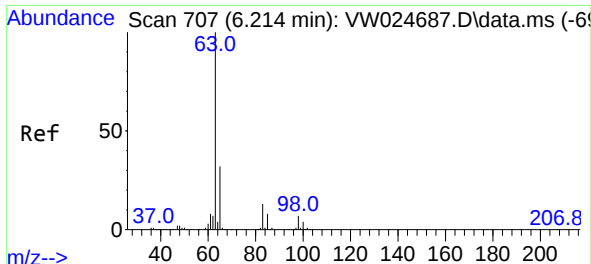
Tgt Ion: 96 Resp: 225915  
Ion Ratio Lower Upper  
96 100  
61 144.9 106.3 197.5  
98 61.6 45.1 83.9



#18  
Methyl tert-butyl Ether  
Concen: 23.820 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. 0.006 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Tgt Ion: 73 Resp: 328065  
Ion Ratio Lower Upper  
73 100  
43 19.4 15.6 23.4  
57 22.6 18.3 27.5





#19

1,1-Dichloroethane

Concen: 25.586 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

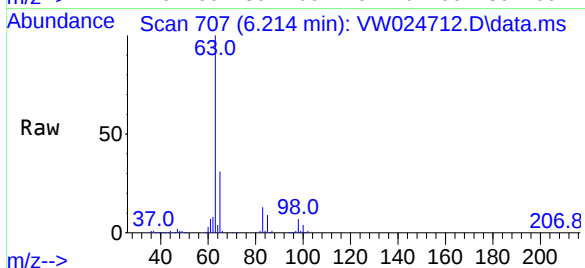
Lab File: VW024712.D

Acq: 04 Oct 2022 08:46

Instrument :

MSVOA\_W

ClientSampleId :



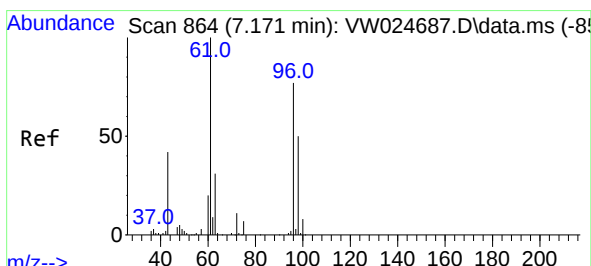
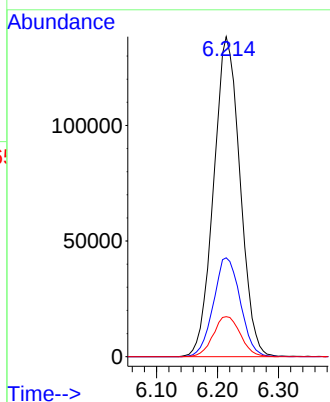
Tgt Ion: 63 Resp: 415812

Ion Ratio Lower Upper

63 100

65 30.9 23.7 43.9

83 12.5 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 25.441 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW024712.D

Acq: 04 Oct 2022 08:46

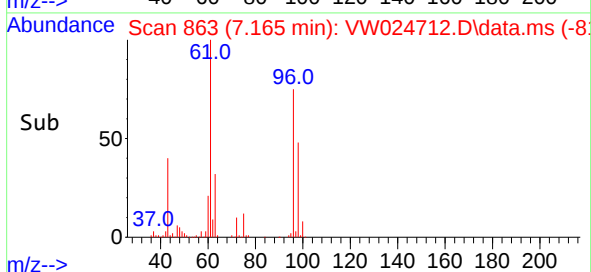
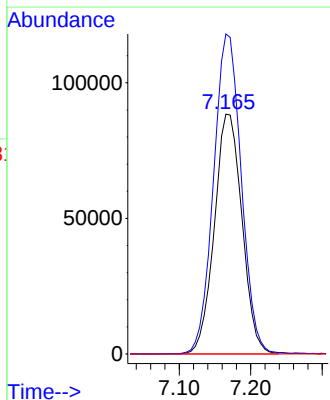
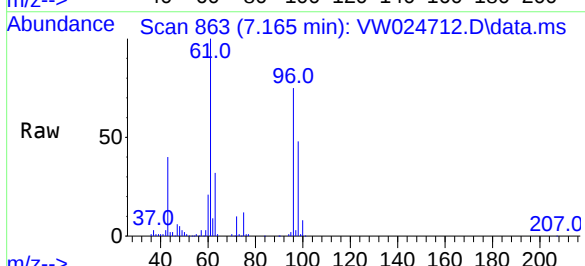
Tgt Ion: 96 Resp: 237119

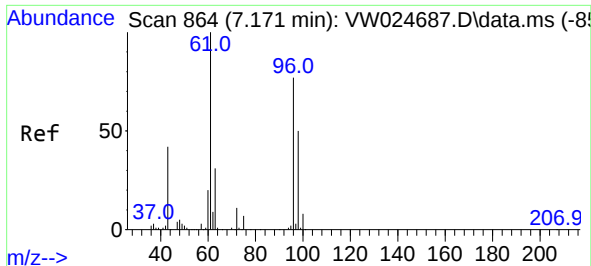
Ion Ratio Lower Upper

96 100

61 133.4 90.2 167.4

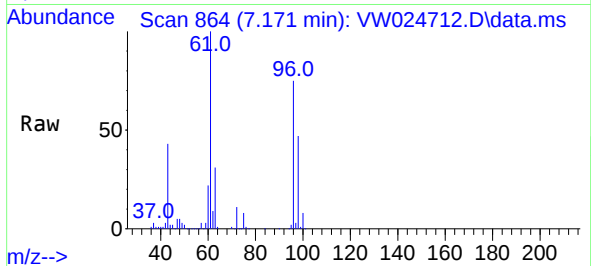
68 0.0 0.0 0.0



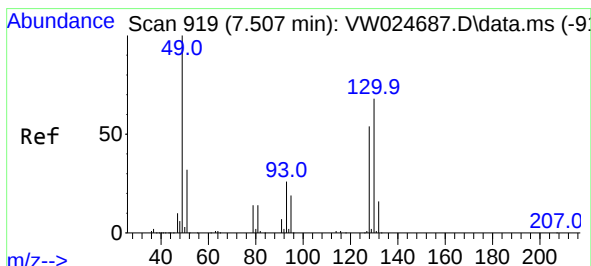
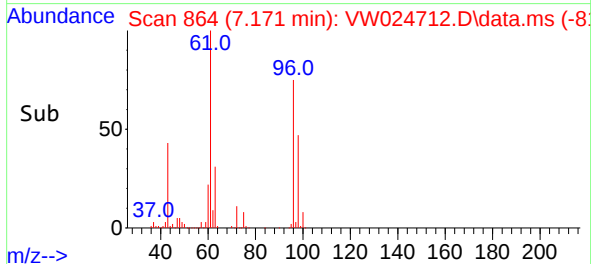
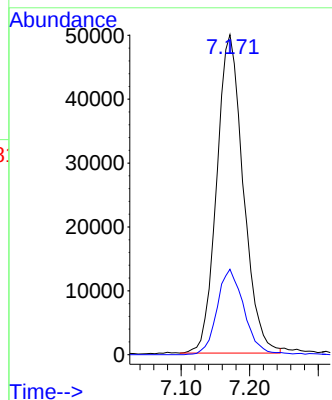


#22  
2-Butanone  
Concen: 51.764 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Instrument :  
MSVOA\_W  
ClientSampleId :

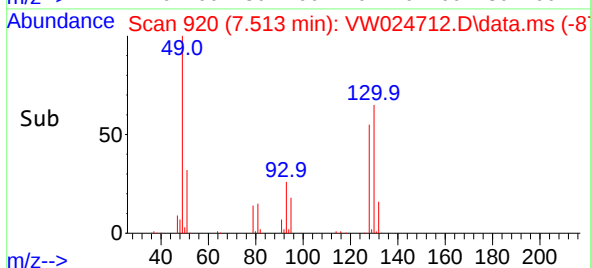
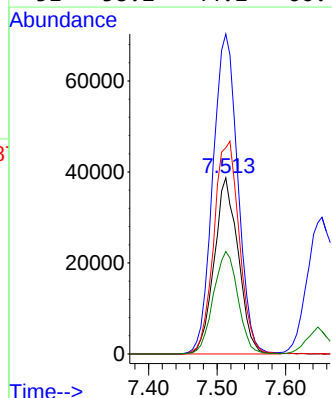
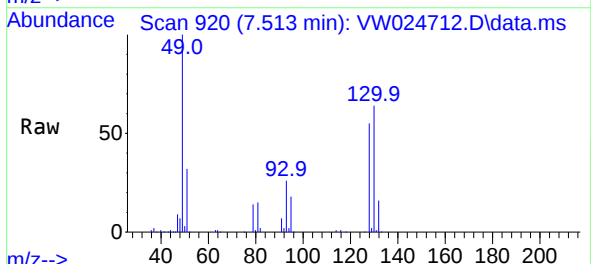


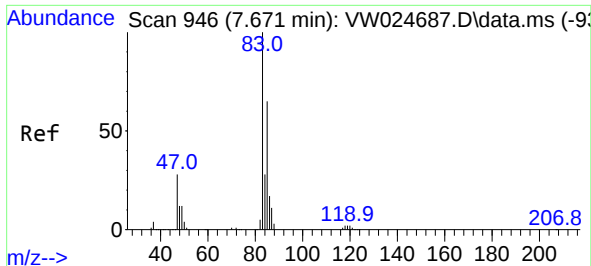
Tgt Ion: 43 Resp: 134287  
Ion Ratio Lower Upper  
43 100  
72 27.2 13.8 41.3



#23  
Bromochloromethane  
Concen: 24.818 ug/L  
RT: 7.513 min Scan# 920  
Delta R.T. 0.006 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Tgt Ion: 128 Resp: 94013  
Ion Ratio Lower Upper  
128 100  
49 181.6 127.3 236.3  
130 117.1 90.2 167.4  
51 58.2 44.2 66.4





#25

Chloroform

Concen: 25.414 ug/L

RT: 7.677 min Scan# 94

Delta R.T. 0.006 min

Lab File: VW024712.D

Acq: 04 Oct 2022 08:46

Instrument :

MSVOA\_W

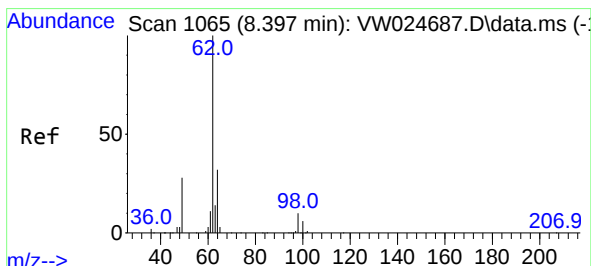
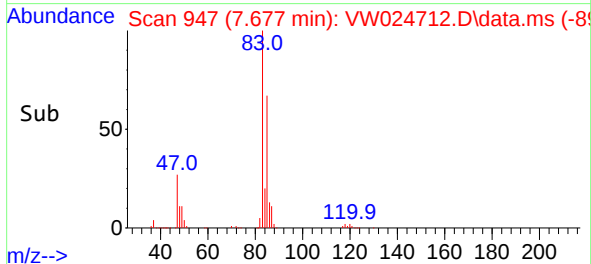
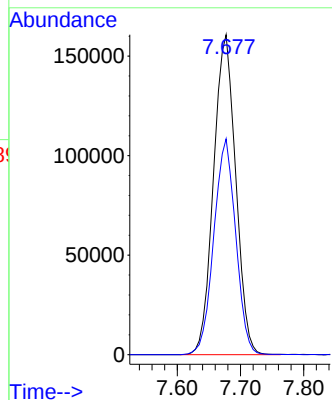
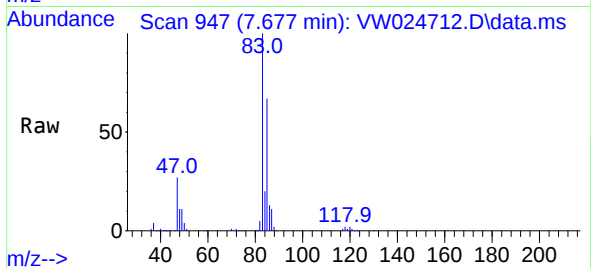
ClientSampleId :

Tgt Ion: 83 Resp: 391652

Ion Ratio Lower Upper

83 100

85 67.5 44.0 81.8



#27

1,2-Dichloroethane

Concen: 25.143 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024712.D

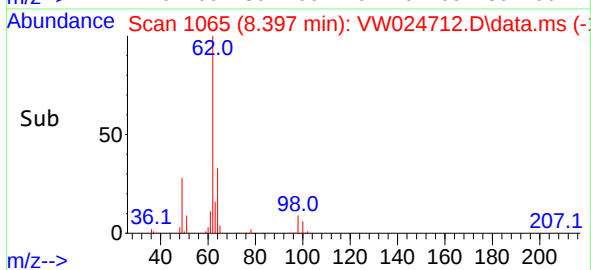
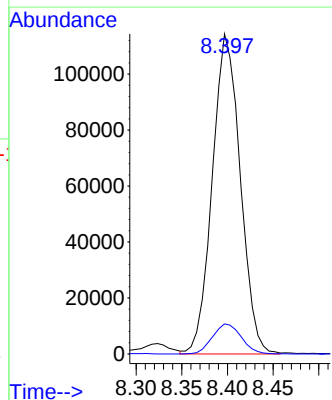
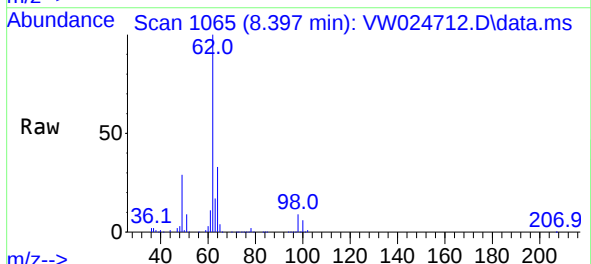
Acq: 04 Oct 2022 08:46

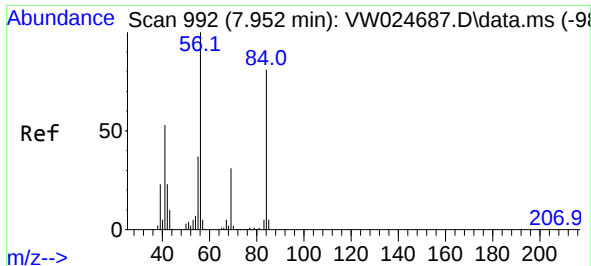
Tgt Ion: 62 Resp: 243812

Ion Ratio Lower Upper

62 100

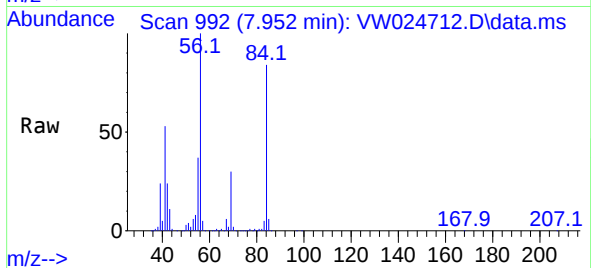
98 9.4 7.8 11.8



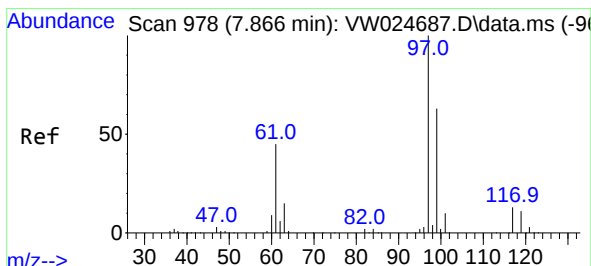
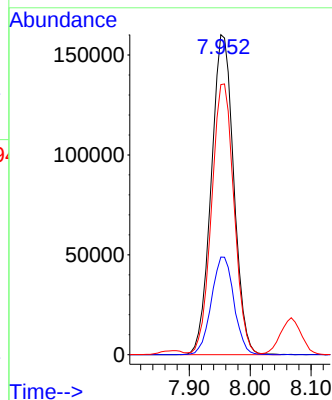
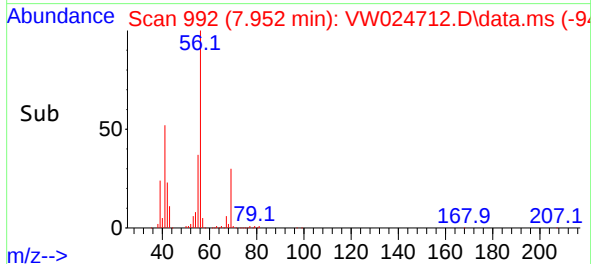


#29  
Cyclohexane  
Concen: 25.147 ug/L  
RT: 7.952 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Instrument :  
MSVOA\_W  
ClientSampleId :

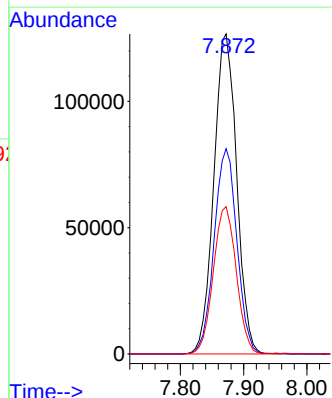
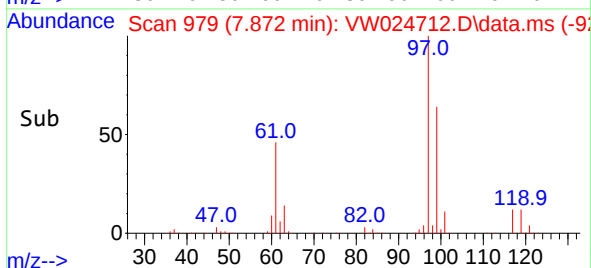
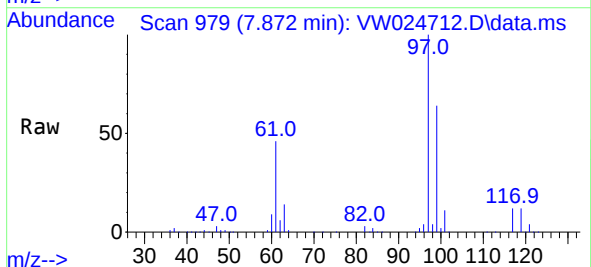


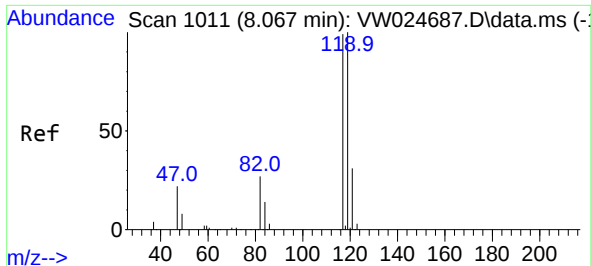
Tgt Ion: 56 Resp: 411317  
Ion Ratio Lower Upper  
56 100  
69 30.6 25.0 37.4  
84 84.5 68.1 102.1



#30  
1,1,1-Trichloroethane  
Concen: 24.958 ug/L  
RT: 7.872 min Scan# 979  
Delta R.T. 0.006 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

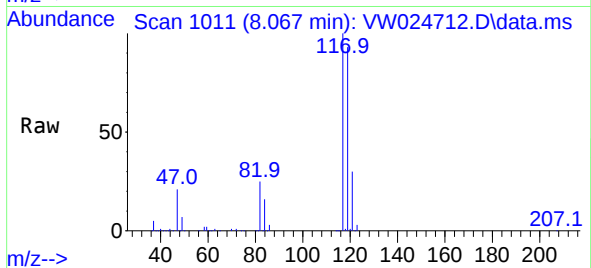
Tgt Ion: 97 Resp: 317153  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.1 76.7  
61 46.5 35.8 53.6



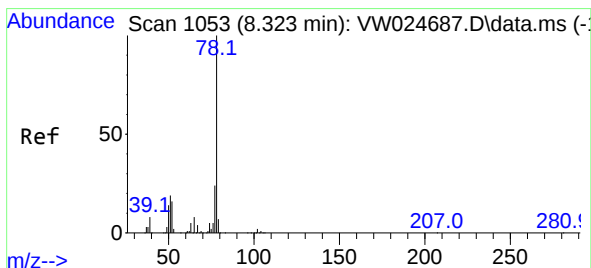
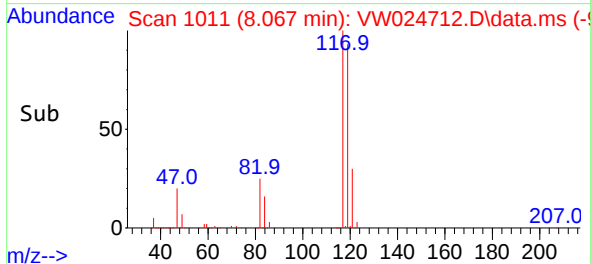
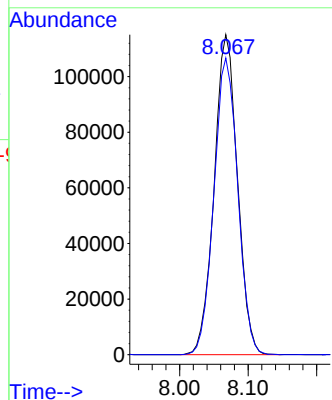


#31  
Carbon tetrachloride  
Concen: 25.219 ug/L  
RT: 8.067 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Instrument :  
MSVOA\_W  
ClientSampleId :

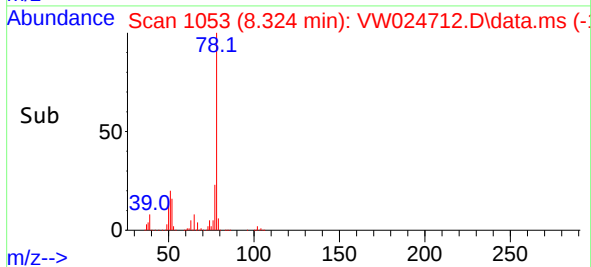
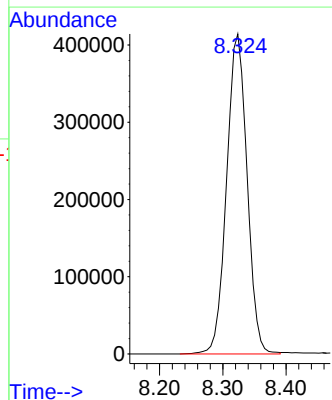
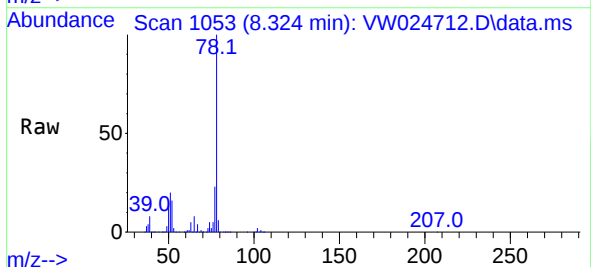


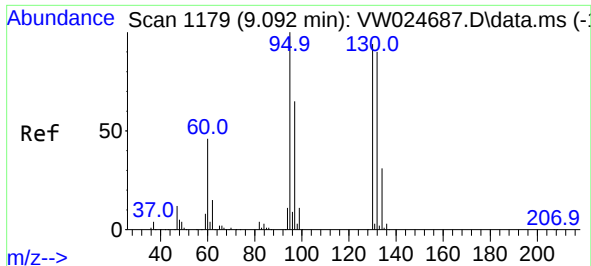
Tgt Ion:117 Resp: 271382  
Ion Ratio Lower Upper  
117 100  
119 94.9 76.2 114.2



#33  
Benzene  
Concen: 25.335 ug/L  
RT: 8.324 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

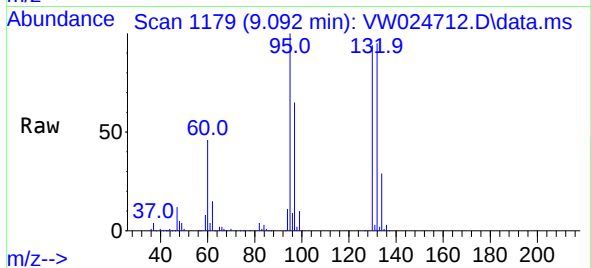
Tgt Ion: 78 Resp: 931210





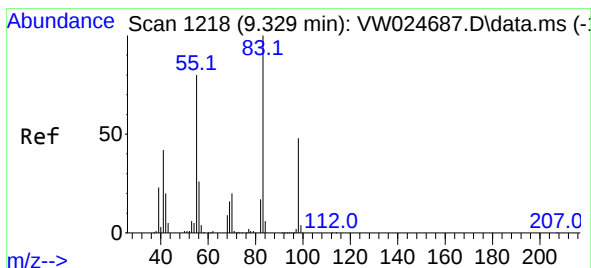
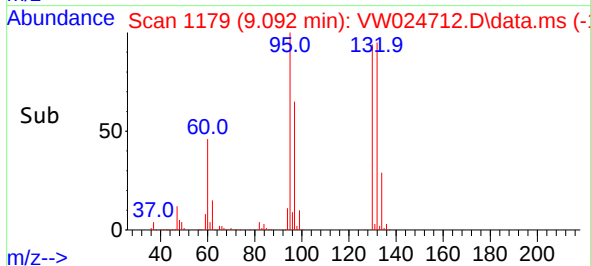
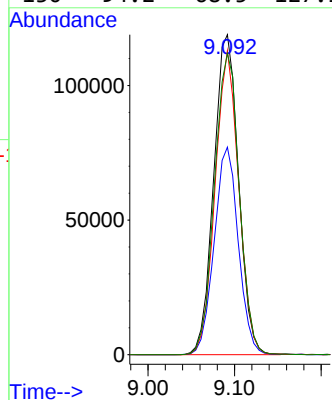
#34  
Trichloroethene  
Concen: 25.325 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 95 Resp: 235933

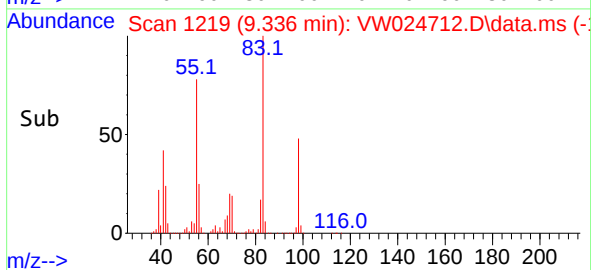
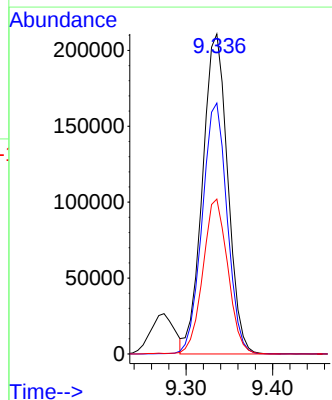
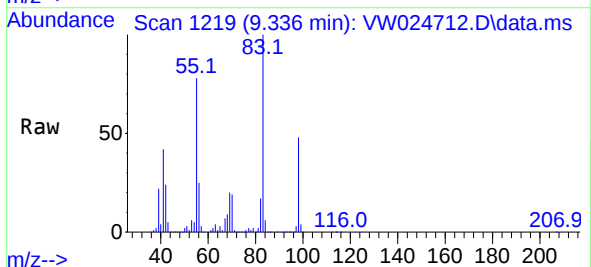
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.9  | 43.5  | 80.9  |
| 132 | 95.0  | 61.2  | 113.8 |
| 130 | 94.2  | 68.5  | 127.1 |

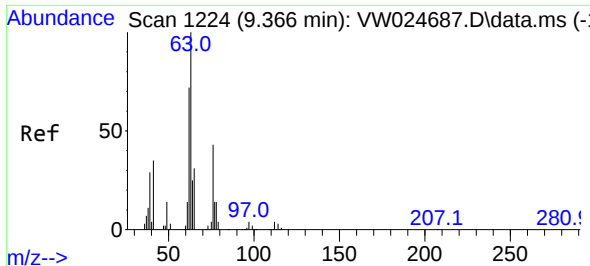


#35  
Methylcyclohexane  
Concen: 24.961 ug/L  
RT: 9.336 min Scan# 1219  
Delta R.T. 0.006 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Tgt Ion: 83 Resp: 426287

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 77.8  | 63.1  | 94.7  |
| 98  | 47.9  | 38.3  | 57.5  |





#37

1,2-Dichloropropane

Concen: 25.350 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024712.D

Acq: 04 Oct 2022 08:46

Instrument :

MSVOA\_W

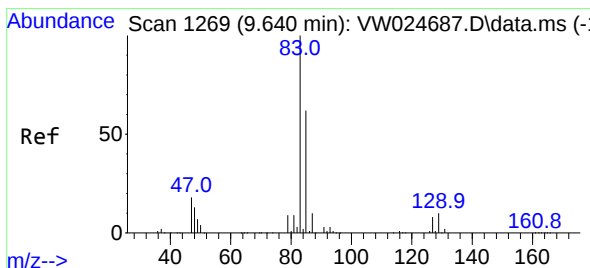
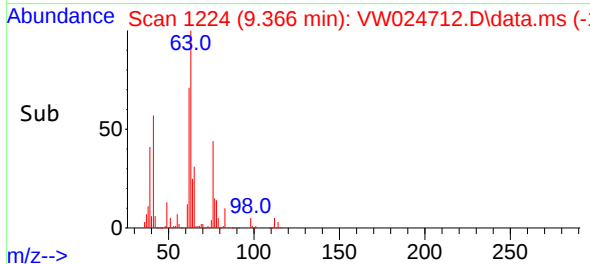
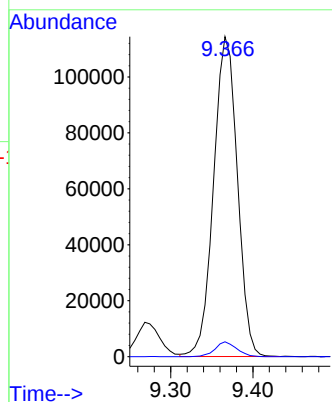
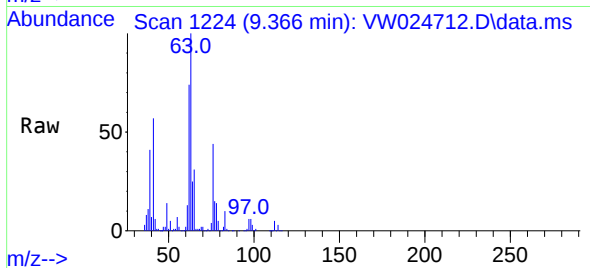
ClientSampleId :

Tgt Ion: 63 Resp: 230032

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 24.690 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024712.D

Acq: 04 Oct 2022 08:46

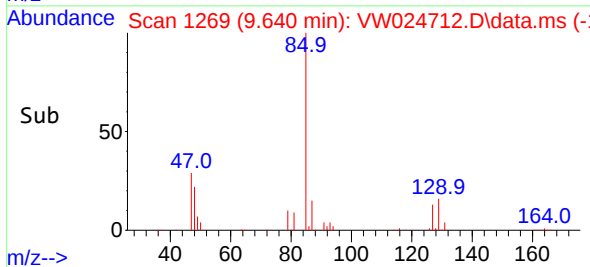
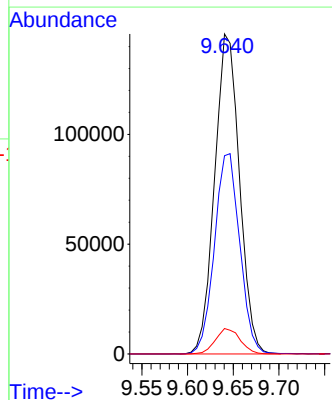
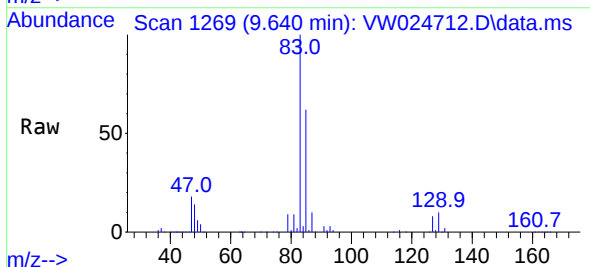
Tgt Ion: 83 Resp: 275586

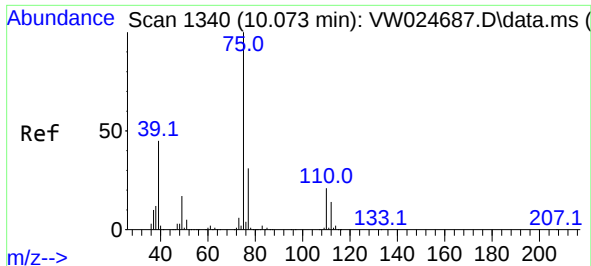
Ion Ratio Lower Upper

83 100

85 62.0 45.6 84.8

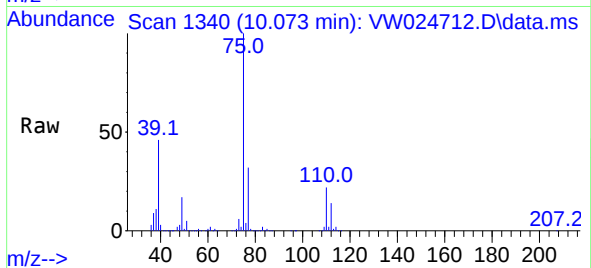
127 7.9 6.4 9.6



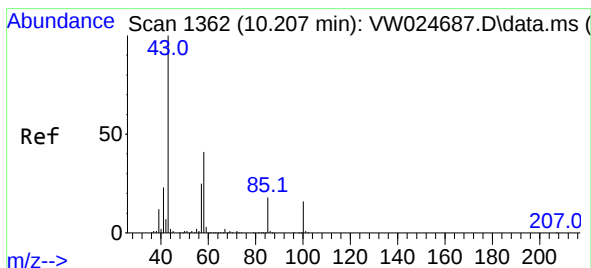
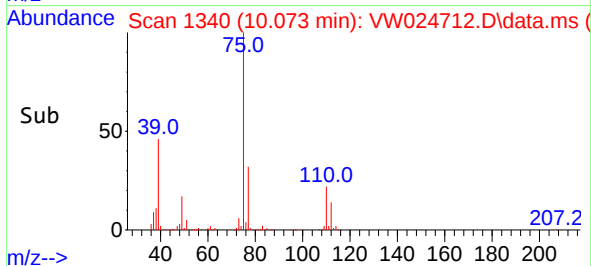
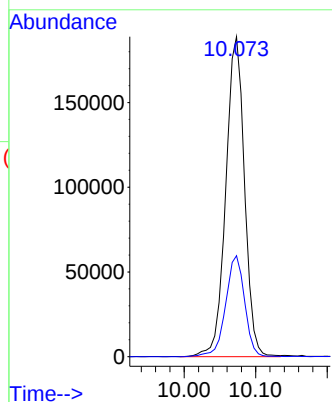


#39  
 cis-1,3-Dichloropropene  
 Concen: 23.891 ug/L  
 RT: 10.073 min Scan# 1340  
 Delta R.T. 0.000 min  
 Lab File: VW024712.D  
 Acq: 04 Oct 2022 08:46

Instrument :  
 MSVOA\_W  
 ClientSampleId :

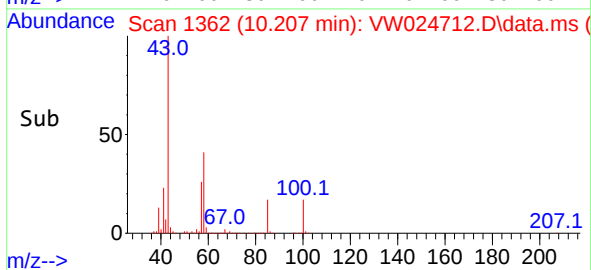
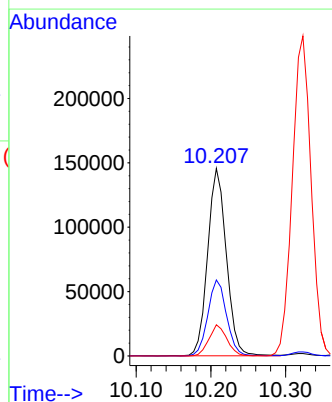
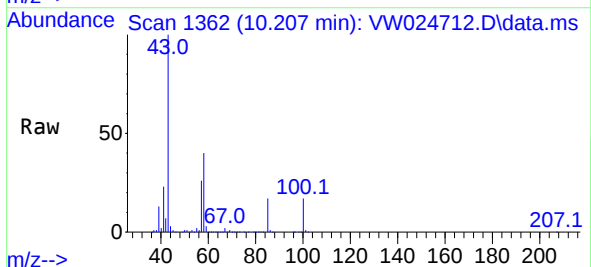


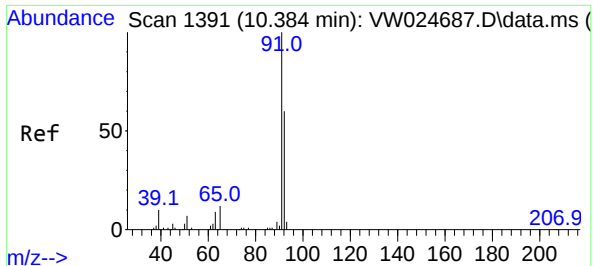
Tgt Ion: 75 Resp: 342818  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 22.4 41.6



#40  
 4-Methyl-2-pentanone  
 Concen: 47.155 ug/L  
 RT: 10.207 min Scan# 1362  
 Delta R.T. 0.000 min  
 Lab File: VW024712.D  
 Acq: 04 Oct 2022 08:46

Tgt Ion: 43 Resp: 253273  
 Ion Ratio Lower Upper  
 43 100  
 58 40.6 32.9 49.3  
 100 16.0 12.6 19.0





#42

Toluene

Concen: 25.397 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024712.D

Acq: 04 Oct 2022 08:46

Instrument :

MSVOA\_W

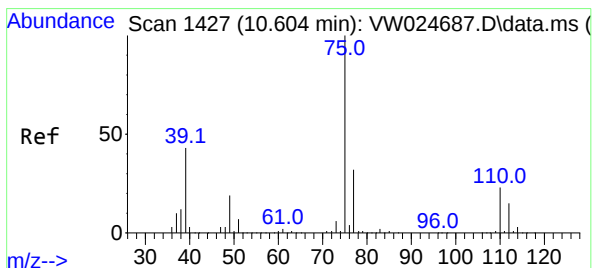
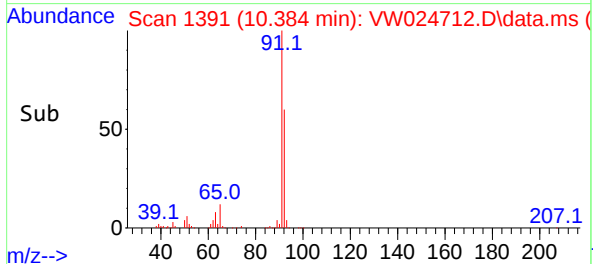
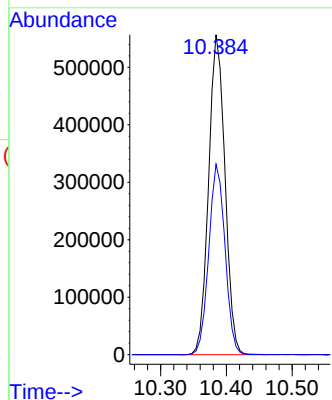
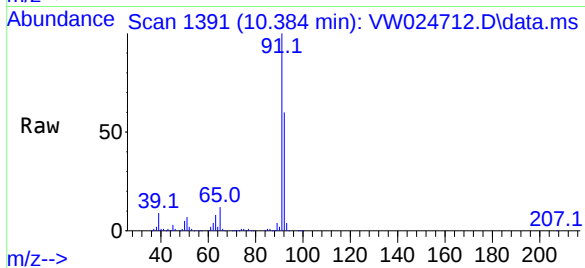
ClientSampleId :

Tgt Ion: 91 Resp: 964008

Ion Ratio Lower Upper

91 100

92 59.5 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 22.722 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024712.D

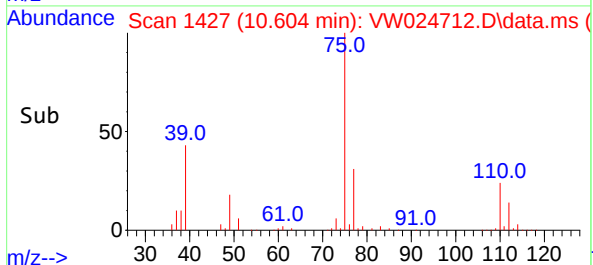
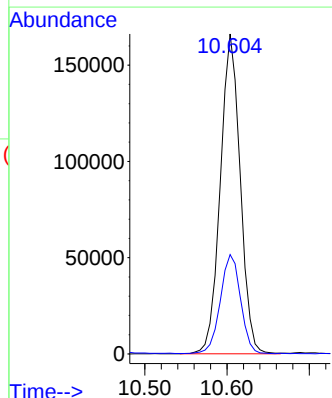
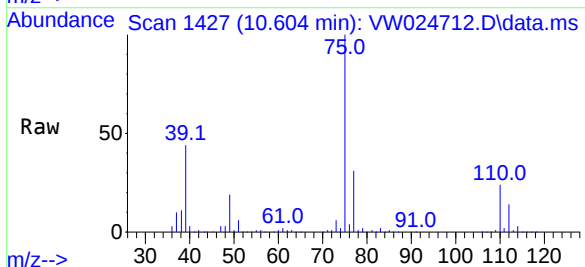
Acq: 04 Oct 2022 08:46

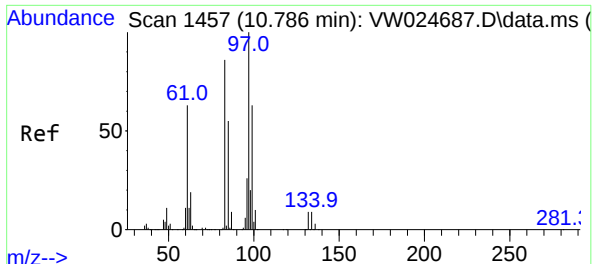
Tgt Ion: 75 Resp: 279542

Ion Ratio Lower Upper

75 100

77 31.1 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 25.192 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

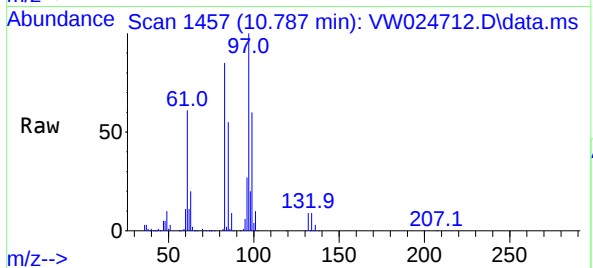
Lab File: VW024712.D

Acq: 04 Oct 2022 08:46

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 97 Resp: 156145

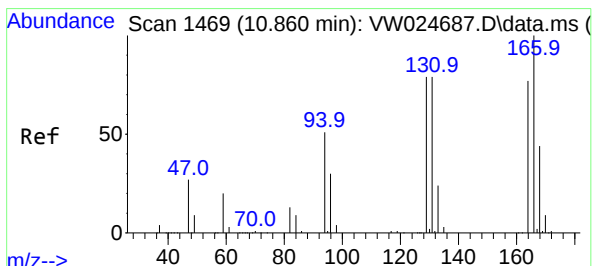
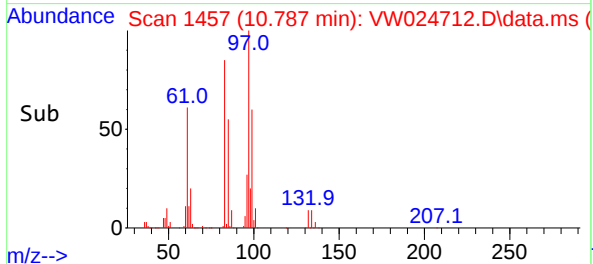
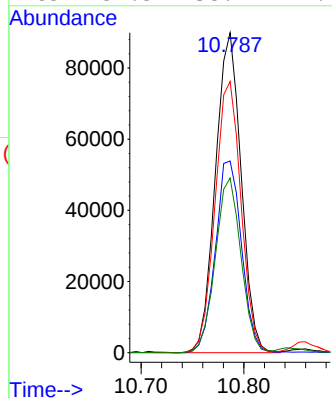
Ion Ratio Lower Upper

97 100

99 59.9 43.8 81.4

83 84.7 60.1 111.5

85 54.5 38.9 72.2



#46

Tetrachloroethene

Concen: 24.534 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024712.D

Acq: 04 Oct 2022 08:46

Tgt Ion:164 Resp: 155296

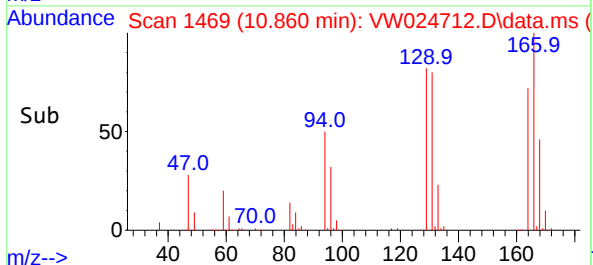
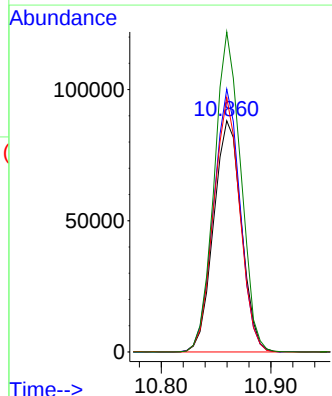
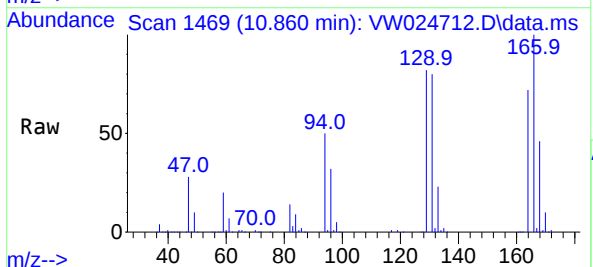
Ion Ratio Lower Upper

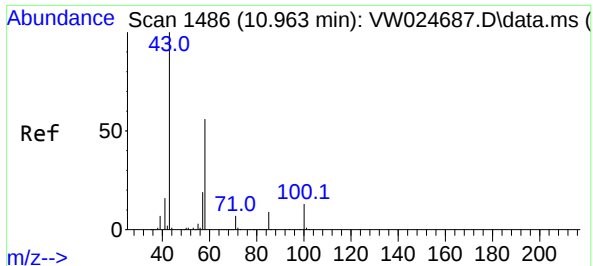
164 100

129 113.7 74.1 137.5

131 110.1 71.5 132.7

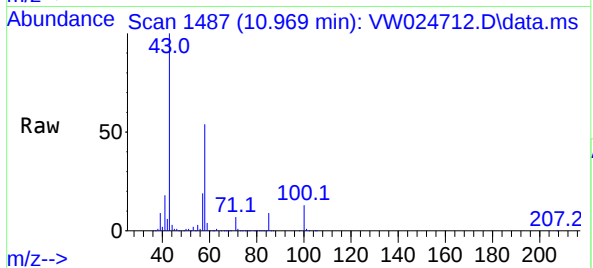
166 138.4 76.3 141.7



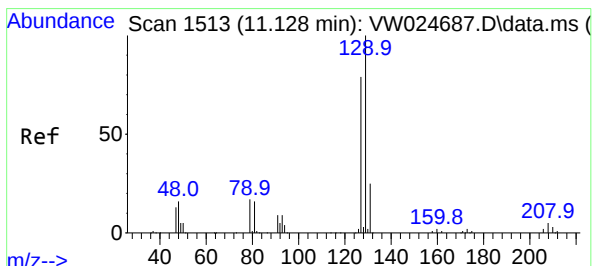
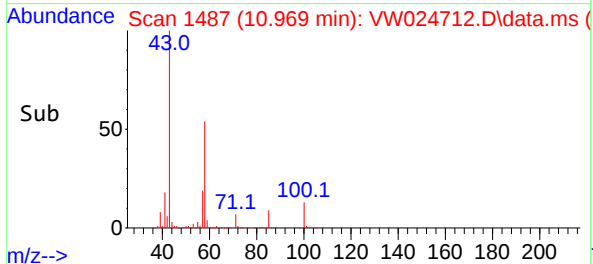
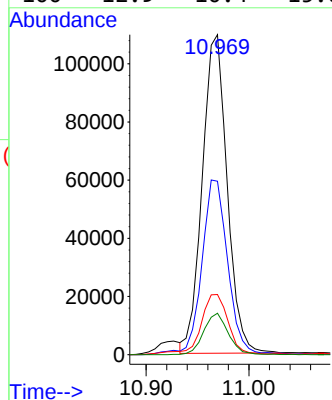


#48  
2-Hexanone  
Concen: 50.808 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.006 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Instrument :  
MSVOA\_W  
ClientSampleId :

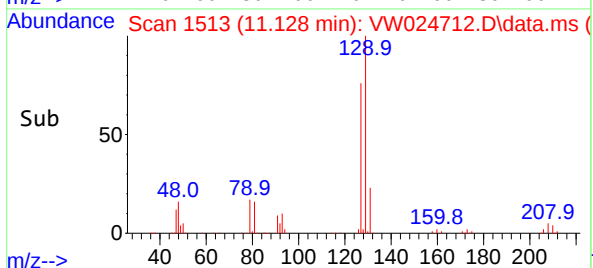
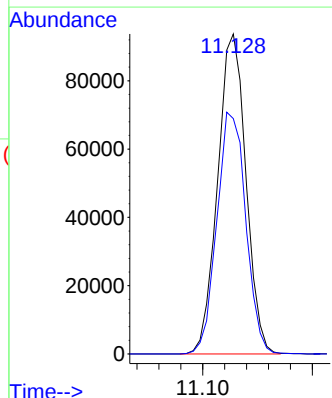
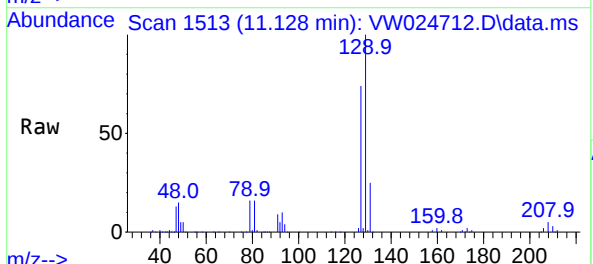


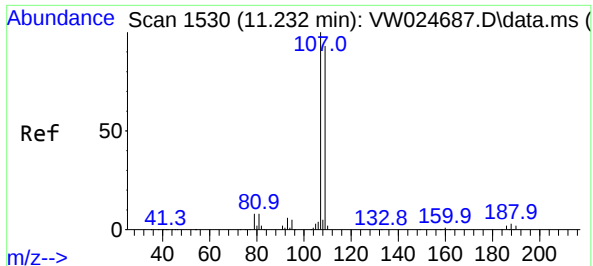
Tgt Ion: 43 Resp: 184532  
Ion Ratio Lower Upper  
43 100  
58 56.4 45.3 67.9  
57 21.0 16.3 24.5  
100 12.9 10.4 15.6



#49  
Dibromochloromethane  
Concen: 24.059 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Tgt Ion: 129 Resp: 167920  
Ion Ratio Lower Upper  
129 100  
127 73.5 52.4 97.4





#50

1,2-Dibromoethane

Concen: 23.912 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024712.D

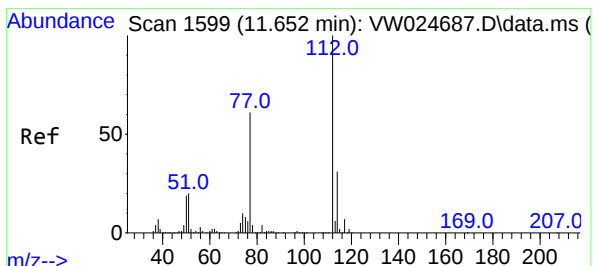
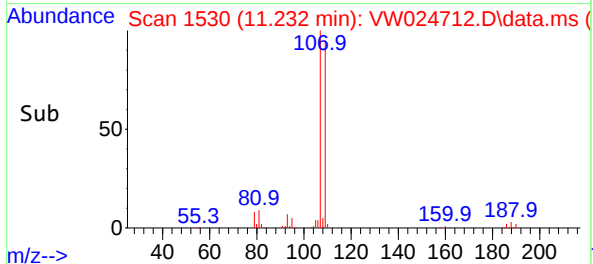
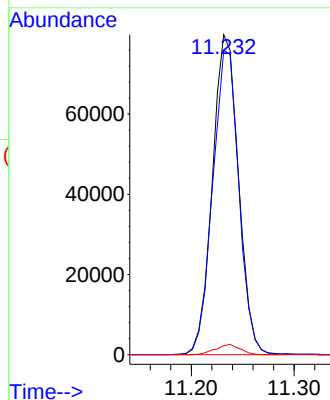
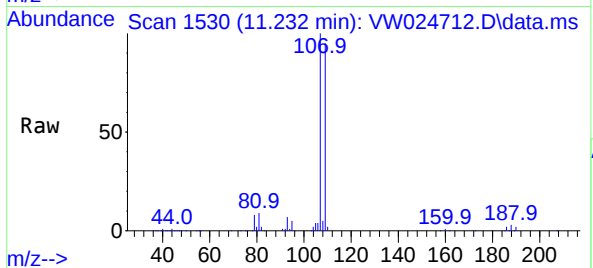
Acq: 04 Oct 2022 08:46

Instrument :

MSVOA\_W

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 140285 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 109      | 95.1  | 65.5  | 121.7  |
| 188      | 2.8   | 2.4   | 3.6    |



#51

Chlorobenzene

Concen: 25.377 ug/L

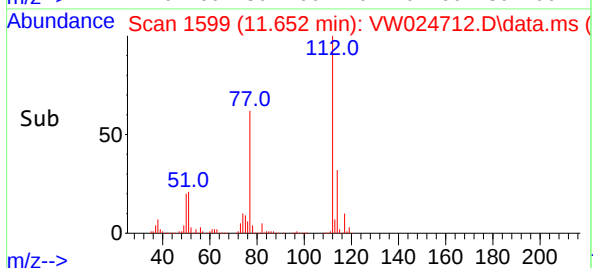
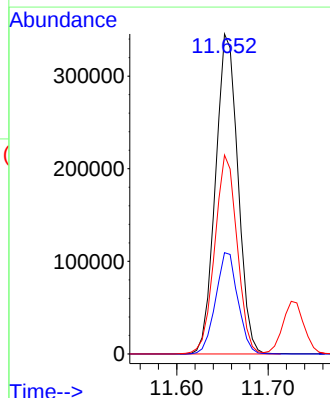
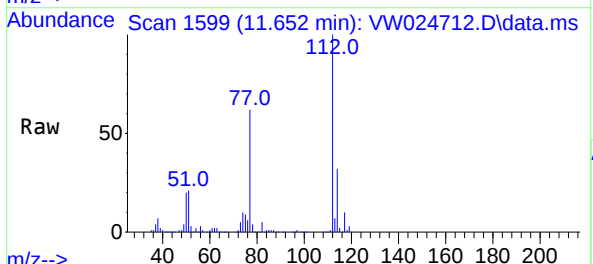
RT: 11.652 min Scan# 1599

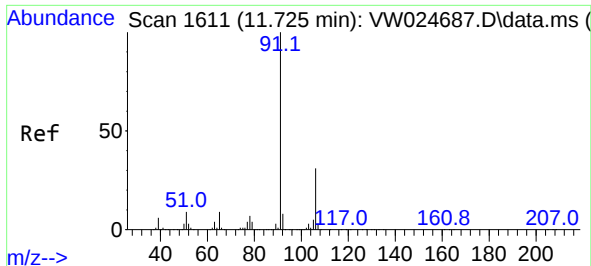
Delta R.T. 0.000 min

Lab File: VW024712.D

Acq: 04 Oct 2022 08:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 589788 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 114      | 31.6  | 23.3  | 43.3   |
| 77       | 62.1  | 49.1  | 73.7   |

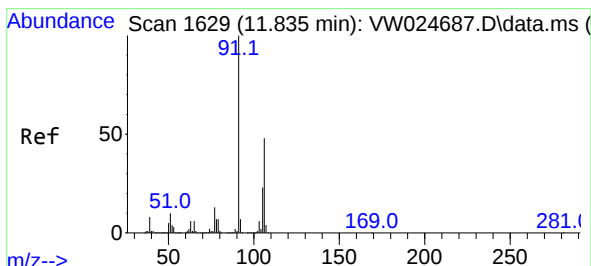
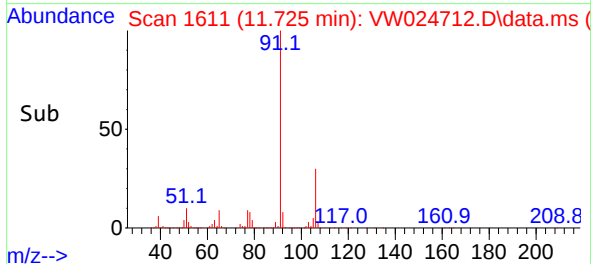
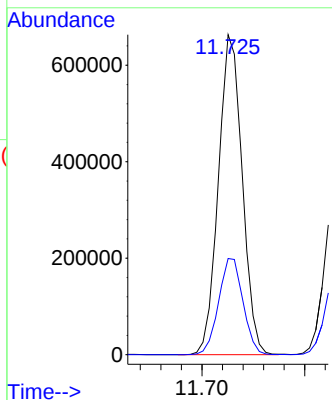
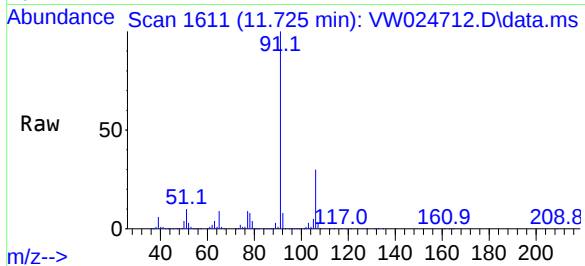




#52  
Ethylbenzene  
Concen: 25.504 ug/L  
RT: 11.725 min Scan# 1611  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

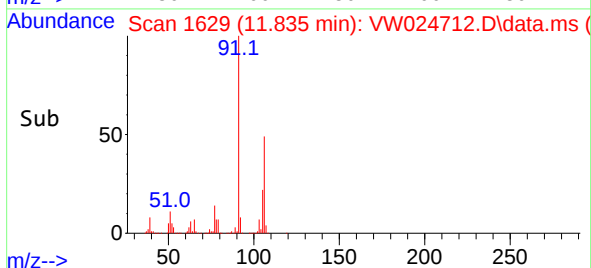
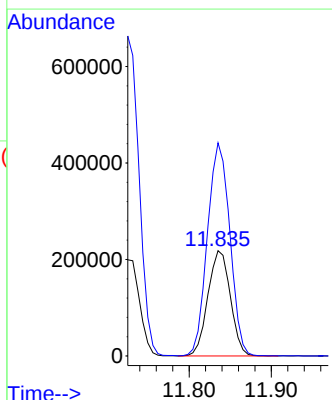
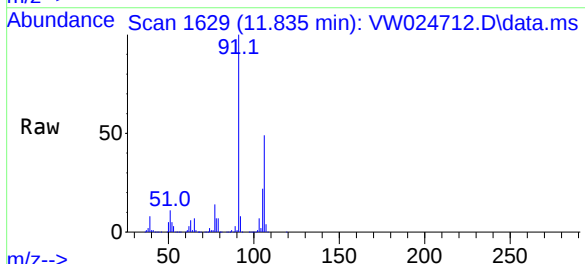
Instrument :  
MSVOA\_W  
ClientSampleId :

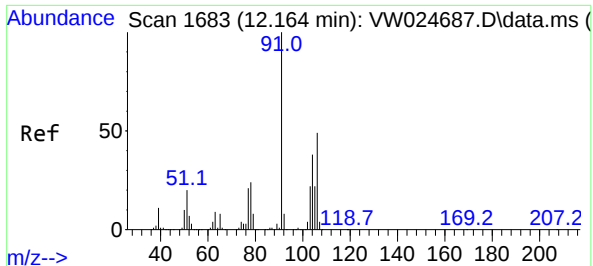
Tgt Ion: 91 Resp: 1066284  
Ion Ratio Lower Upper  
91 100  
106 30.1 21.5 39.9



#53  
m,p-Xylene  
Concen: 25.321 ug/L  
RT: 11.835 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Tgt Ion:106 Resp: 413384  
Ion Ratio Lower Upper  
106 100  
91 202.5 146.8 272.6

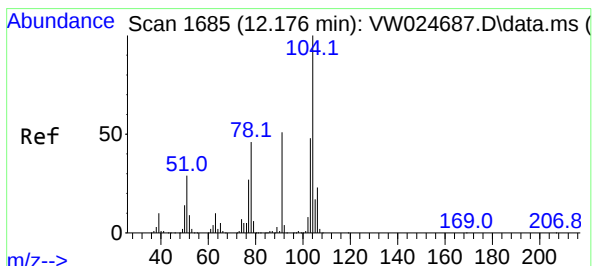
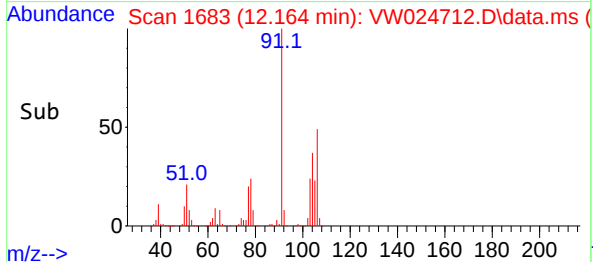
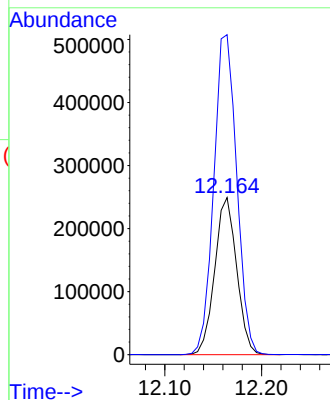
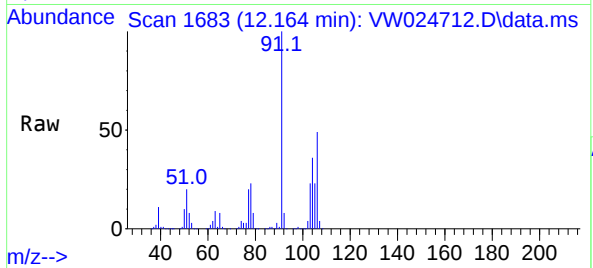




#54  
o-Xylene  
Concen: 25.483 ug/L  
RT: 12.164 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

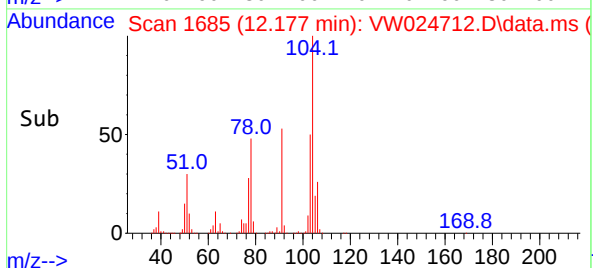
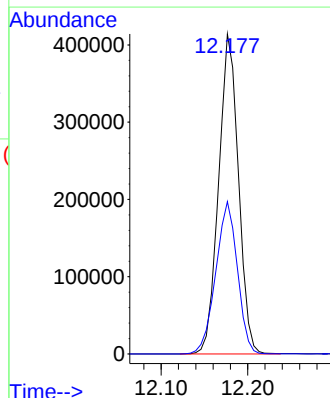
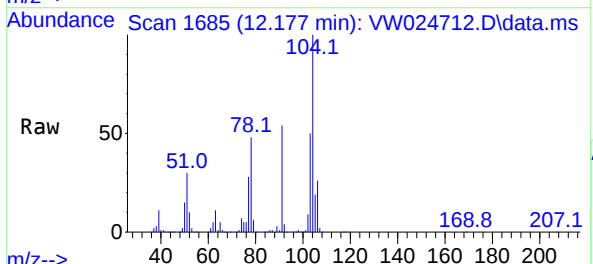
Instrument :  
MSVOA\_W  
ClientSampleId :

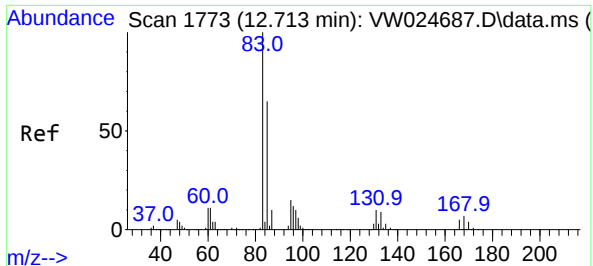
Tgt Ion:106 Resp: 392882  
Ion Ratio Lower Upper  
106 100  
91 203.7 146.3 271.7



#55  
Styrene  
Concen: 25.332 ug/L  
RT: 12.177 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Tgt Ion:104 Resp: 658396  
Ion Ratio Lower Upper  
104 100  
78 47.6 33.5 62.1

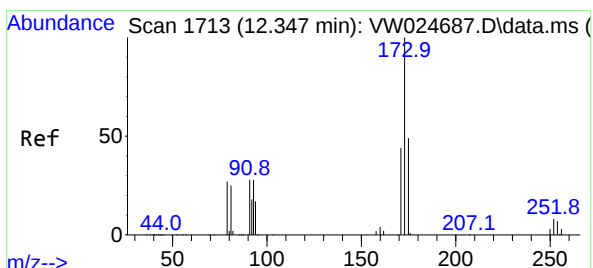
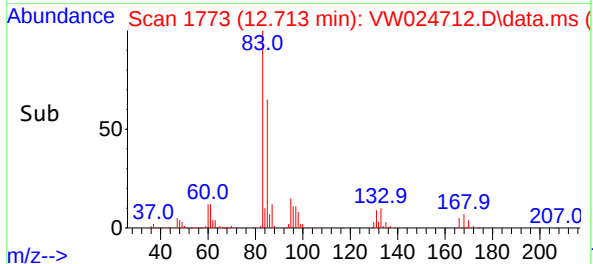
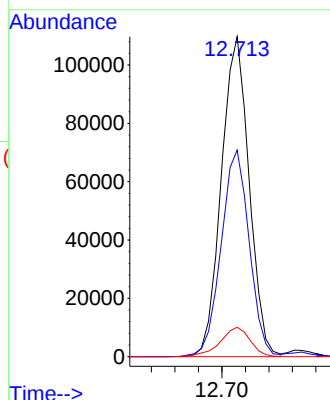
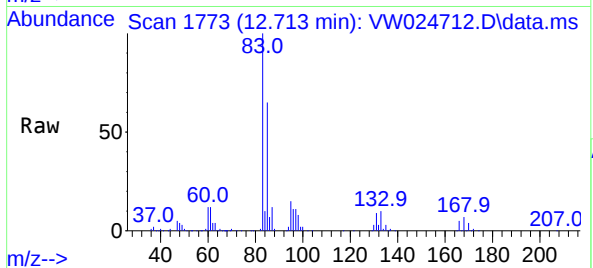




#57  
1,1,2,2-Tetrachloroethane  
Concen: 24.823 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

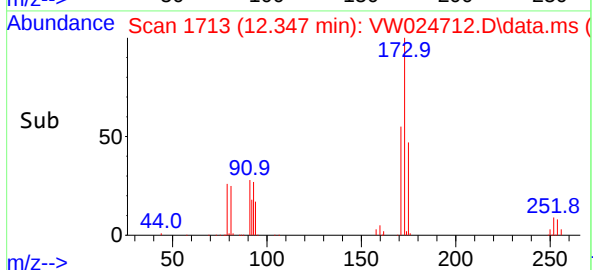
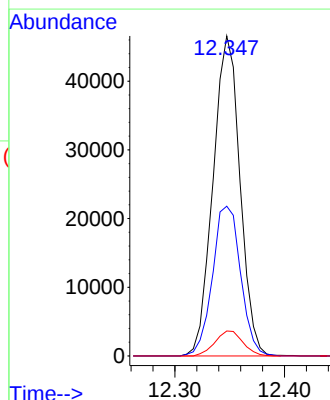
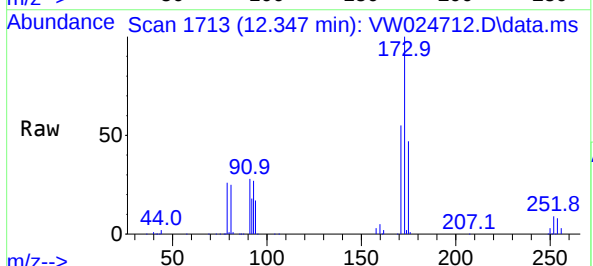
Instrument :  
MSVOA\_W  
ClientSampleId :

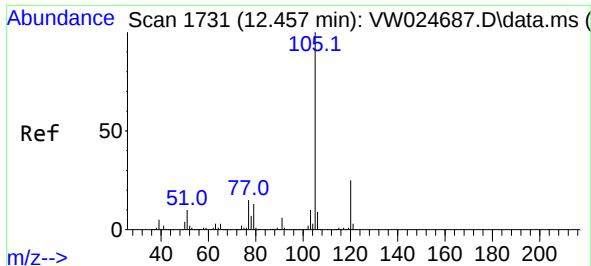
Tgt Ion: 83 Resp: 180143  
Ion Ratio Lower Upper  
83 100  
85 64.5 45.2 84.0  
131 9.2 7.3 10.9



#59  
Bromoform  
Concen: 22.671 ug/L  
RT: 12.347 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

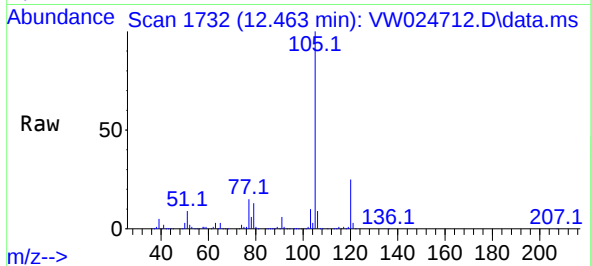
Tgt Ion:173 Resp: 79551  
Ion Ratio Lower Upper  
173 100  
175 48.9 37.7 56.5  
254 8.1 6.7 10.1



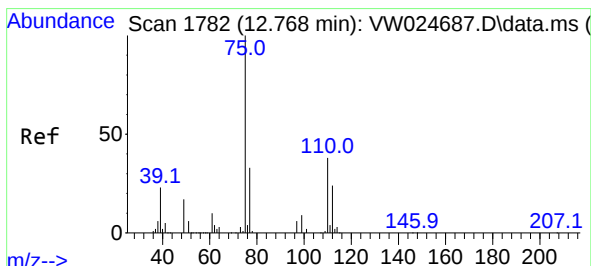
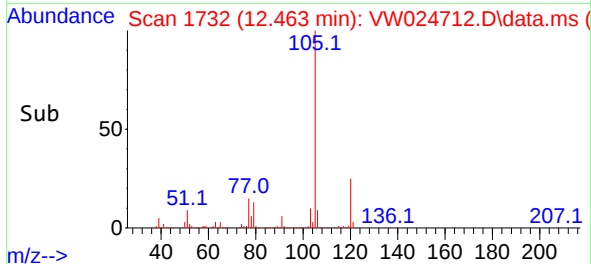
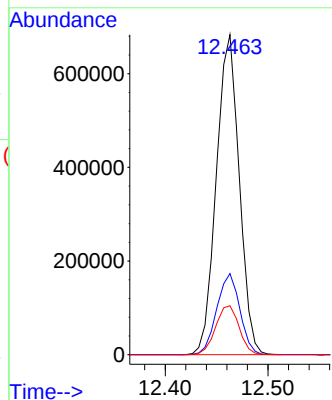


#60  
Isopropylbenzene  
Concen: 26.128 ug/L  
RT: 12.463 min Scan# 1731  
Delta R.T. 0.006 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Instrument :  
MSVOA\_W  
ClientSampleId :

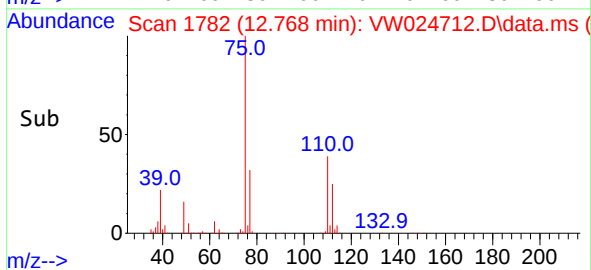
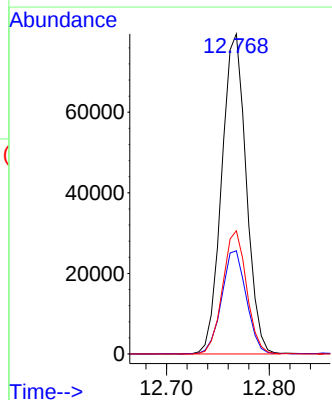
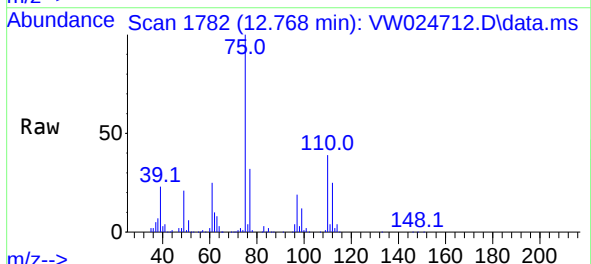


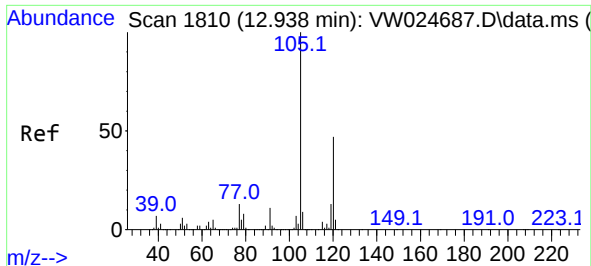
Tgt Ion:105 Resp: 1057115  
Ion Ratio Lower Upper  
105 100  
120 25.6 20.9 31.3  
77 15.8 12.7 19.1



#61  
1,2,3-Trichloropropane  
Concen: 24.573 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Tgt Ion: 75 Resp: 131402  
Ion Ratio Lower Upper  
75 100  
77 32.5 25.8 38.6  
110 37.5 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 25.827 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024712.D

Acq: 04 Oct 2022 08:46

Instrument :

MSVOA\_W

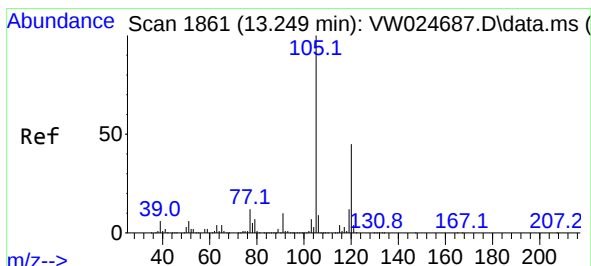
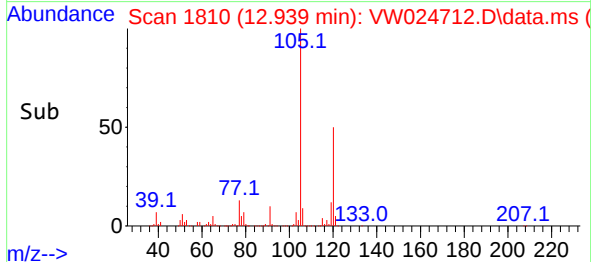
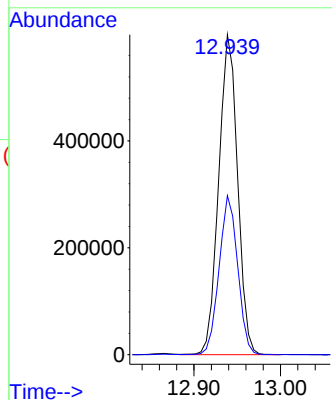
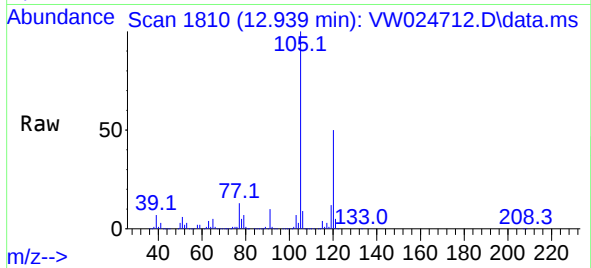
ClientSampleId :

Tgt Ion:105 Resp: 908207

Ion Ratio Lower Upper

105 100

120 48.8 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 25.564 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024712.D

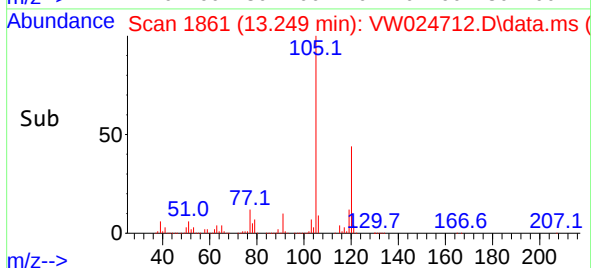
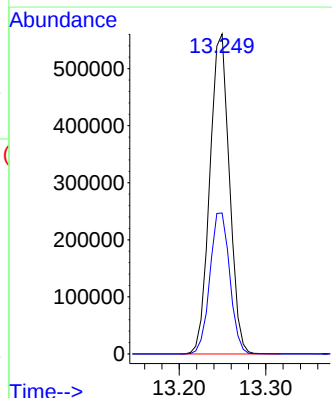
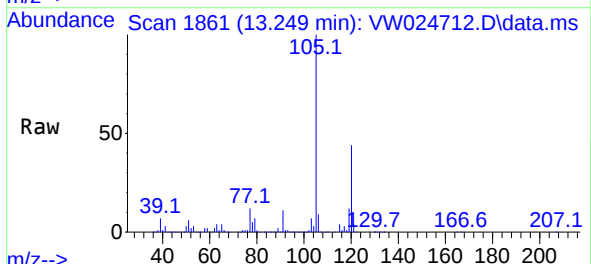
Acq: 04 Oct 2022 08:46

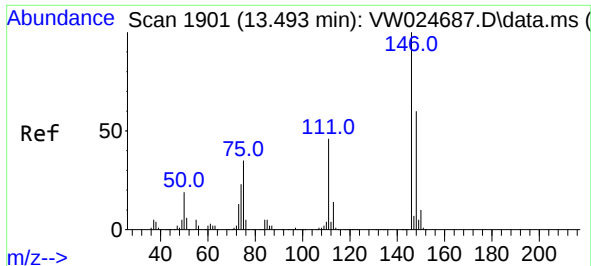
Tgt Ion:105 Resp: 880669

Ion Ratio Lower Upper

105 100

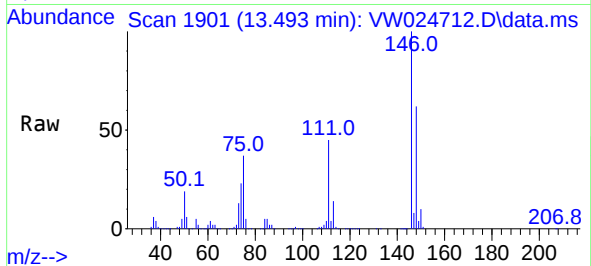
120 44.8 35.2 52.8



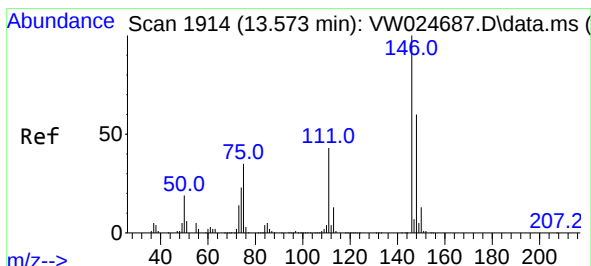
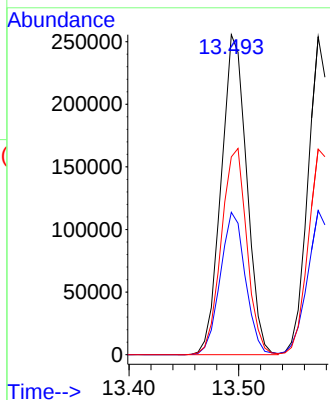
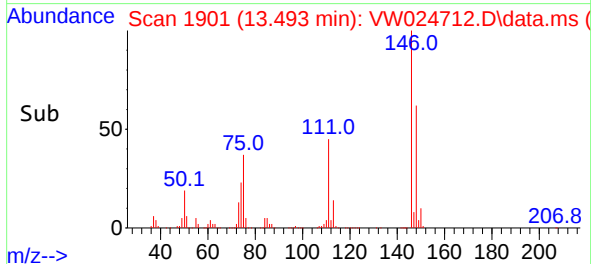


#64  
1,3-Dichlorobenzene  
Concen: 25.136 ug/L  
RT: 13.493 min Scan# 1901  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

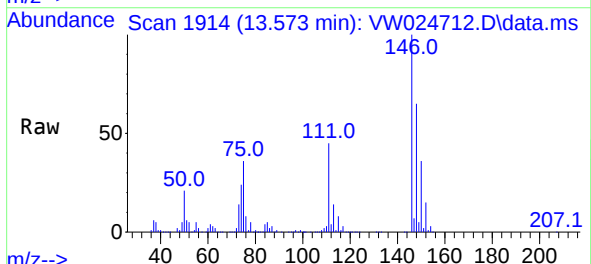
Instrument :  
MSVOA\_W  
ClientSampleId :



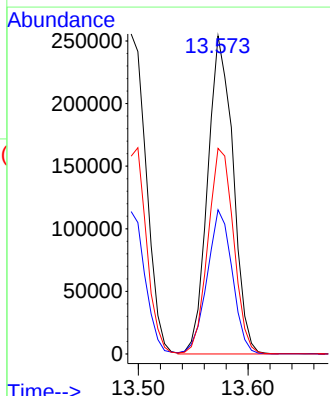
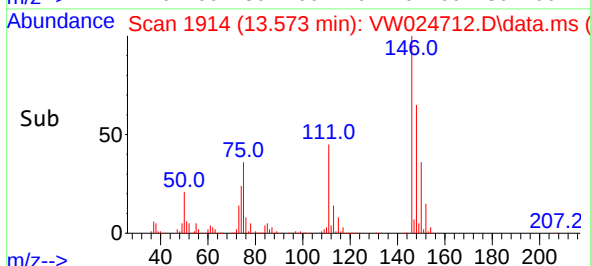
Tgt Ion:146 Resp: 413163  
Ion Ratio Lower Upper  
146 100  
111 44.5 31.6 58.6  
148 61.8 38.1 70.9

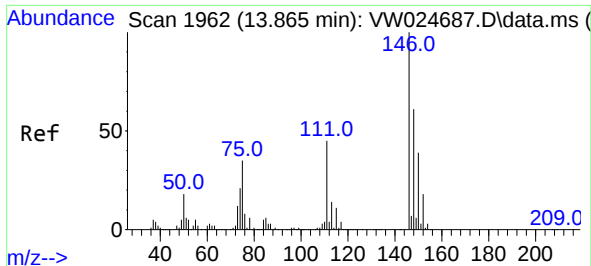


#65  
1,4-Dichlorobenzene  
Concen: 25.587 ug/L  
RT: 13.573 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46



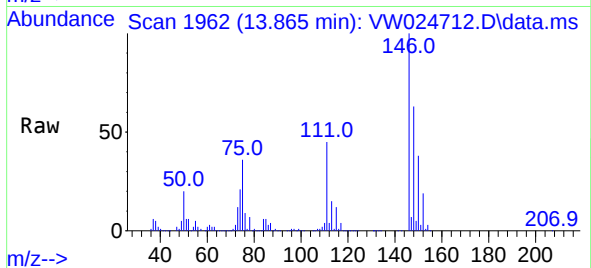
Tgt Ion:146 Resp: 409418  
Ion Ratio Lower Upper  
146 100  
111 45.3 29.4 54.6  
148 64.7 39.6 73.6



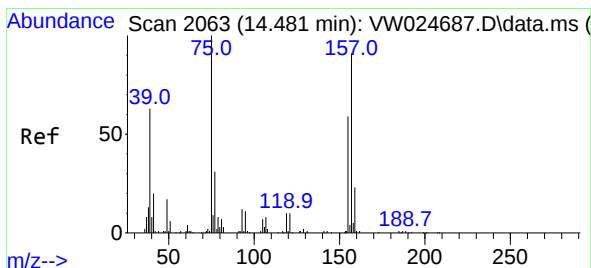
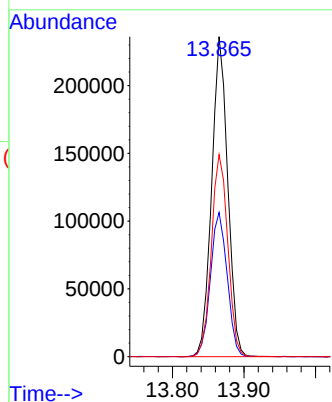
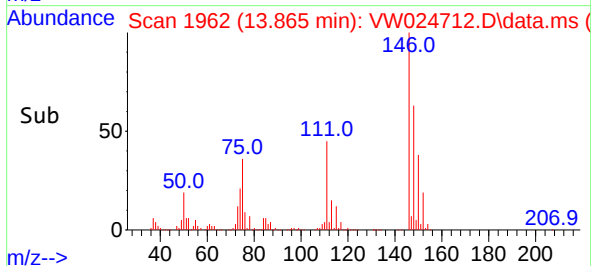


#67  
1,2-Dichlorobenzene  
Concen: 25.719 ug/L  
RT: 13.865 min Scan# 1962  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

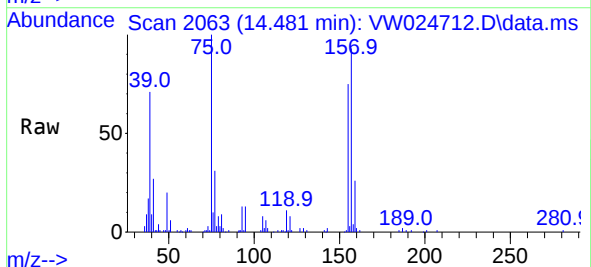
Instrument :  
MSVOA\_W  
ClientSampleId :



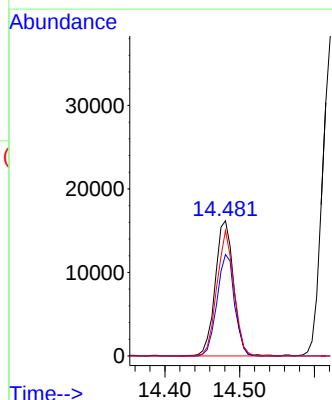
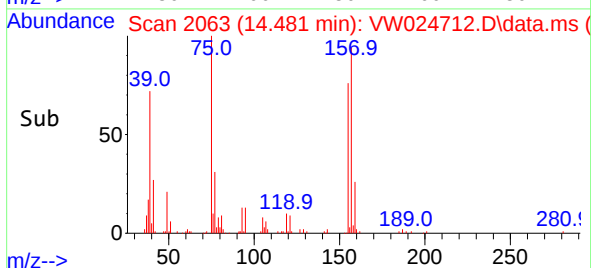
Tgt Ion:146 Resp: 368210  
Ion Ratio Lower Upper  
146 100  
111 45.1 37.2 55.8  
148 63.2 53.0 79.6

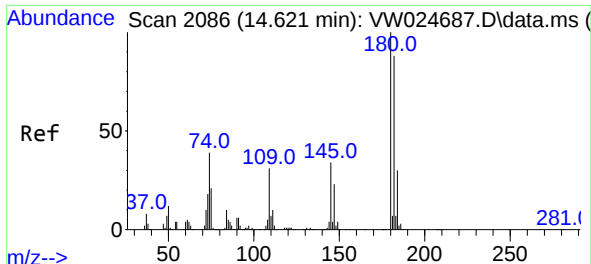


#68  
1,2-Dibromo-3-chloropropane  
Concen: 21.774 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46



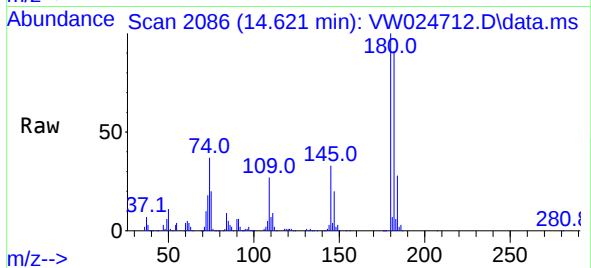
Tgt Ion: 75 Resp: 27534  
Ion Ratio Lower Upper  
75 100  
155 75.1 57.6 86.4  
157 92.9 73.0 109.6



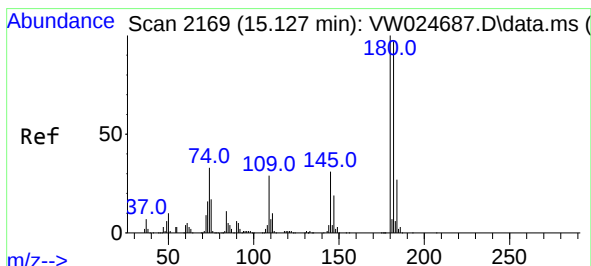
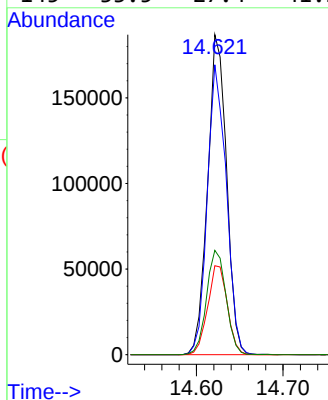
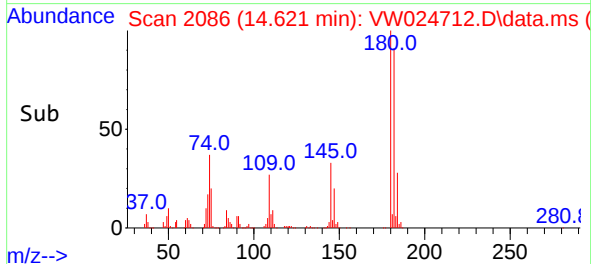


#69  
1,3,5-Trichlorobenzene  
Concen: 26.046 ug/L  
RT: 14.621 min Scan# 2086  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

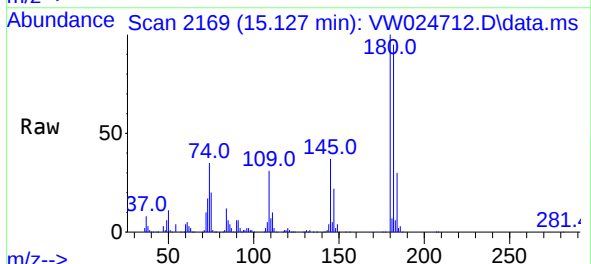
Instrument :  
MSVOA\_W  
ClientSampleId :



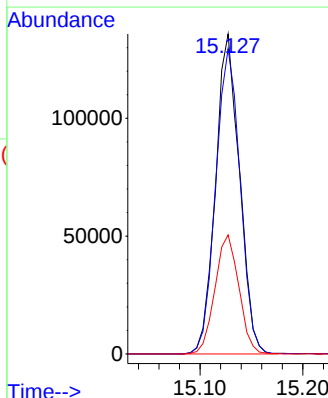
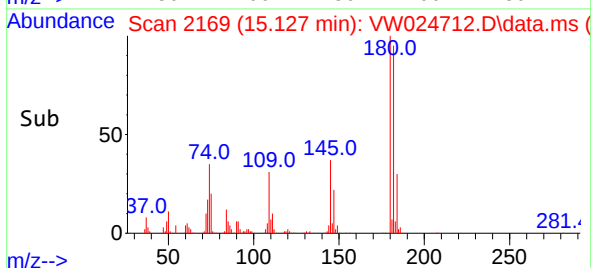
Tgt Ion:180 Resp: 284264  
Ion Ratio Lower Upper  
180 100  
182 90.8 77.1 115.7  
184 28.9 23.3 34.9  
145 33.5 27.4 41.2

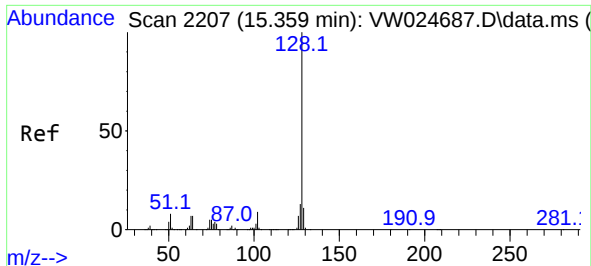


#70  
1,2,4-trichlorobenzene  
Concen: 23.940 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46



Tgt Ion:180 Resp: 219500  
Ion Ratio Lower Upper  
180 100  
182 97.5 76.8 115.2  
145 37.1 29.0 43.4

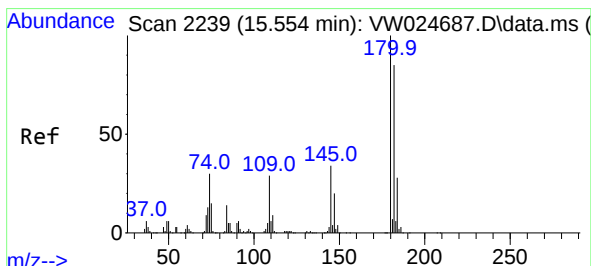
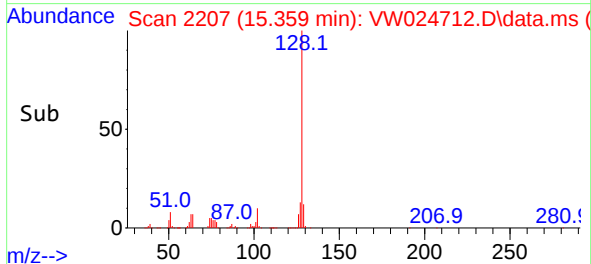
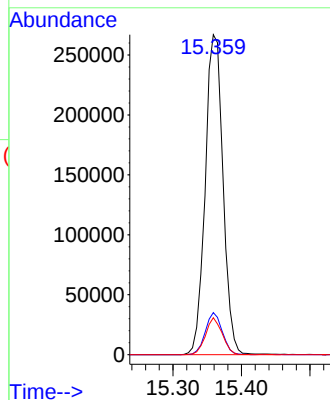
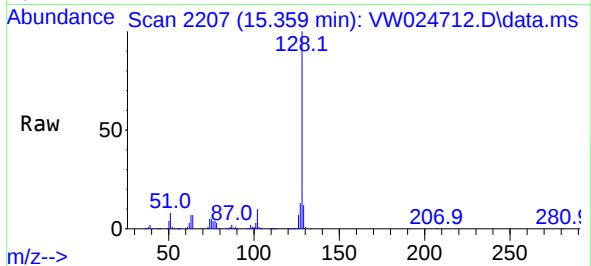




#71  
Naphthalene  
Concen: 24.219 ug/L  
RT: 15.359 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:128 Resp: 483498  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.6 16.0  
129 10.8 9.0 13.4



#72  
1,2,3-Trichlorobenzene  
Concen: 23.868 ug/L  
RT: 15.548 min Scan# 2238  
Delta R.T. -0.006 min  
Lab File: VW024712.D  
Acq: 04 Oct 2022 08:46

Tgt Ion:180 Resp: 186246  
Ion Ratio Lower Upper  
180 100  
182 99.6 77.4 116.2  
145 37.5 30.6 45.8

