

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110623\  
 Data File : VW027541.D  
 Acq On : 06 Nov 2023 10:31  
 Operator : SY/MD  
 Sample : VSTD100  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 07 00:27:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110623SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Nov 07 00:24:09 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114  | 462814   | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117  | 428655   | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 195075   | 25.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65   | 828922   | 98.924  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 2.899  | 69   | 574245   | 99.433  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65   | 360164   | 98.617  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 7.075  | 46   | 340353   | 187.514 | ug/L  | 0.00     |
| 24) Chloroform-d              | 7.654  | 84   | 1356716  | 100.477 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65   | 677466   | 98.743  | ug/L  | 0.00     |
| 32) Benzene-d6                | 8.276  | 84   | 2809239  | 98.024  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67   | 867302   | 97.964  | ug/L  | 0.00     |
| 41) Toluene-d8                | 10.325 | 98   | 2564214  | 100.005 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79   | 362007   | 106.744 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 10.922 | 63   | 279619   | 207.504 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84   | 578917   | 97.284  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152  | 763349   | 102.948 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.021  | 85   | 566798   | 111.137 | ug/L  | 98       |
| 3) Chloromethane              | 2.228  | 50   | 739626   | 108.167 | ug/L  | 100      |
| 5) Vinyl chloride             | 2.375  | 62   | 775005   | 99.904  | ug/L  | 99       |
| 6) Bromomethane               | 2.789  | 94   | 431476   | 100.828 | ug/L  | 100      |
| 8) Chloroethane               | 2.936  | 64   | 440736   | 99.353  | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 3.271  | 101  | 633859   | 107.960 | ug/L  | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101  | 611726   | 104.271 | ug/L  | 98       |
| 12) 1,1-Dichloroethene        | 4.045  | 96   | 608267   | 99.601  | ug/L  | 95       |
| 13) Acetone                   | 4.124  | 43   | 378468   | 197.419 | ug/L  | 96       |
| 14) Carbon disulfide          | 4.393  | 76   | 2098934  | 99.919  | ug/L  | 99       |
| 15) Methyl Acetate            | 4.673  | 43   | 279032   | 98.445  | ug/L  | 98       |
| 16) Methylene chloride        | 4.917  | 84   | 625551   | 82.813  | ug/L  | 96       |
| 17) trans-1,2-Dichloroethene  | 5.435  | 96   | 654065   | 101.121 | ug/L  | 97       |
| 18) Methyl tert-butyl Ether   | 5.423  | 73   | 906055   | 93.890  | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 6.222  | 63   | 1288561  | 100.067 | ug/L  | 98       |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96   | 695369   | 99.456  | ug/L  | 98       |
| 22) 2-Butanone                | 7.173  | 43   | 466588   | 191.355 | ug/L  | 100      |
| 23) Bromochloromethane        | 7.520  | 128  | 282592   | 97.209  | ug/L  | 92       |
| 25) Chloroform                | 7.679  | 83   | 1175341  | 98.309  | ug/L  | 97       |
| 27) 1,2-Dichloroethane        | 8.404  | 62   | 767953   | 97.619  | ug/L  | 99       |
| 29) Cyclohexane               | 7.959  | 56   | 1278205  | 98.438  | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 960278   | 95.717  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.075  | 117  | 864967   | 98.499  | ug/L  | 100      |
| 33) Benzene                   | 8.325  | 78   | 2723460  | 96.155  | ug/L  | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 712078   | 97.271  | ug/L  | 95       |
| 35) Methylcyclohexane         | 9.337  | 83   | 1309701  | 98.769  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 9.367  | 63   | 727974   | 97.751  | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.642  | 83   | 833134   | 98.353  | ug/L  | 91       |
| 39) cis-1,3-Dichloropropene   | 10.068 | 75   | 1157609  | 105.141 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 816837   | 196.428 | ug/L  | 99       |
| 42) Toluene                   | 10.385 | 91   | 2878797  | 97.967  | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 938099   | 106.033 | ug/L  | 100      |

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 Sample : VSTD100  
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 07 00:27:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110623SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Nov 07 00:24:09 2023  
 Response via : Initial Calibration

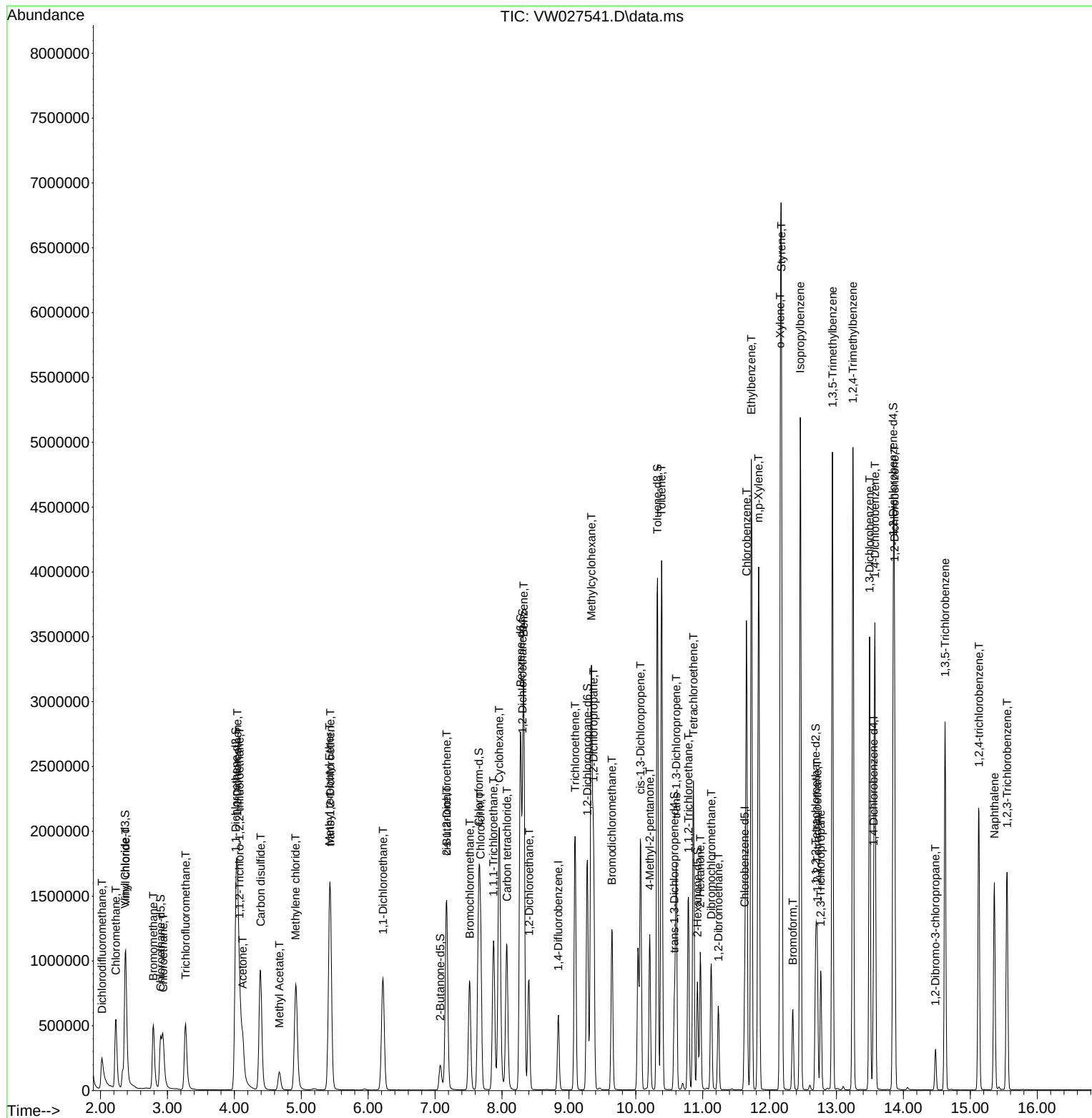
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 464702   | 95.973  | ug/L   | 96       |
| 46) Tetrachloroethene         | 10.861 | 164  | 529311   | 100.752 | ug/L   | 86       |
| 48) 2-Hexanone                | 10.965 | 43   | 677415   | 204.714 | ug/L   | 100      |
| 49) Dibromochloromethane      | 11.129 | 129  | 509223   | 104.017 | ug/L   | 93       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 429522   | 94.656  | ug/L # | 94       |
| 51) Chlorobenzene             | 11.654 | 112  | 1769871  | 97.861  | ug/L   | 98       |
| 52) Ethylbenzene              | 11.727 | 91   | 3365059  | 100.410 | ug/L   | 97       |
| 53) m,p-Xylene                | 11.836 | 106  | 1242992  | 100.588 | ug/L   | 99       |
| 54) o-Xylene                  | 12.160 | 106  | 1197693  | 102.372 | ug/L   | 94       |
| 55) Styrene                   | 12.178 | 104  | 2049286  | 103.365 | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 546208   | 96.287  | ug/L   | 99       |
| 59) Bromoform                 | 12.349 | 173  | 269819   | 107.161 | ug/L   | 96       |
| 60) Isopropylbenzene          | 12.458 | 105  | 3243698  | 101.524 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 387384   | 96.265  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 2542092  | 104.354 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 2610145  | 104.700 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 1344655  | 103.568 | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 1264232  | 97.200  | ug/L   | 94       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 1147046  | 101.246 | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 83804    | 93.301  | ug/L   | 94       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 789262   | 94.768  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 650597   | 96.144  | ug/L   | 90       |
| 71) Naphthalene               | 15.360 | 128  | 1324452  | 105.112 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 536929   | 95.406  | ug/L   | 99       |

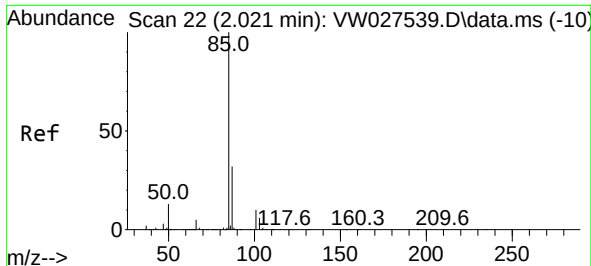
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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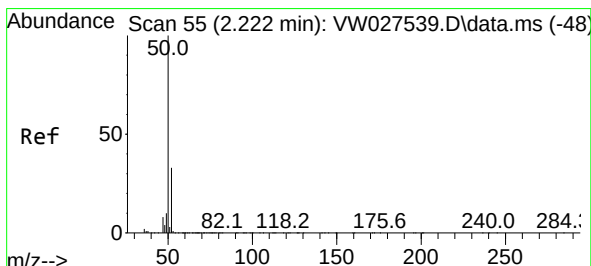
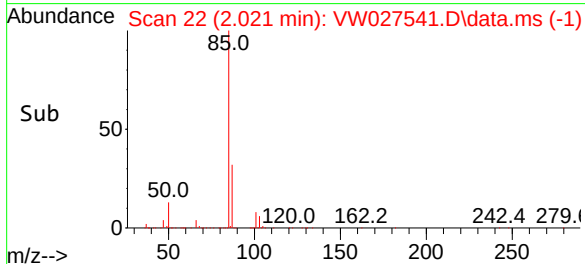
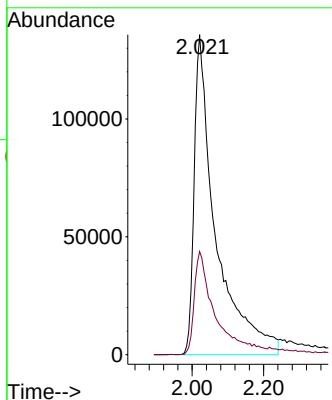
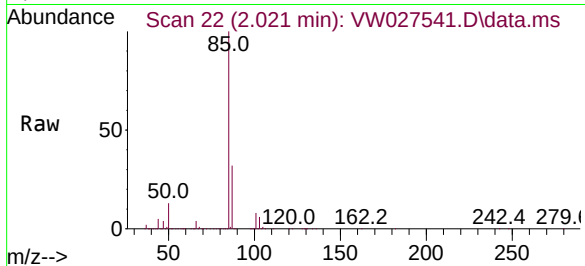




#2  
 Dichlorodifluoromethane  
 Concen: 111.137 ug/L  
 RT: 2.021 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VW027541.D  
 Acq: 06 Nov 2023 10:31

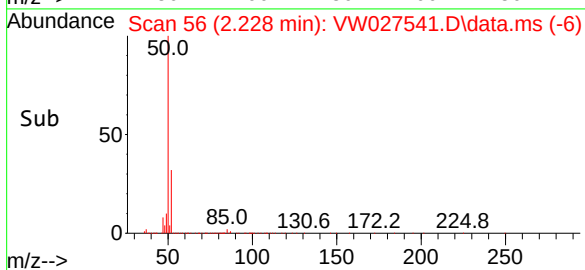
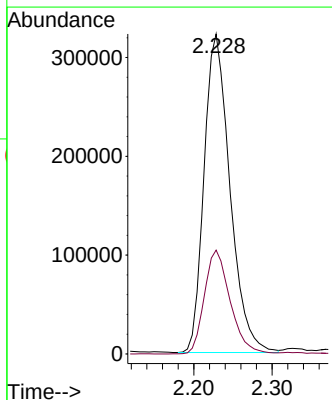
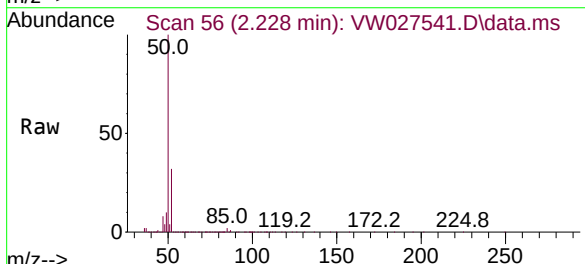
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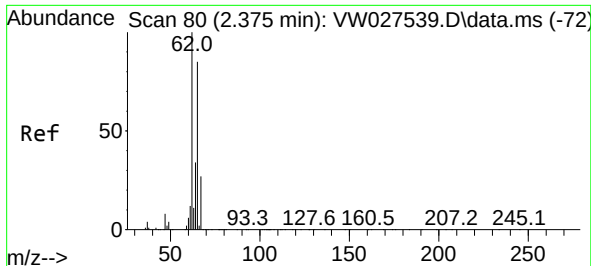
Tgt Ion: 85 Resp: 566798  
 Ion Ratio Lower Upper  
 85 100  
 87 31.4 24.5 36.7



#3  
 Chloromethane  
 Concen: 108.167 ug/L  
 RT: 2.228 min Scan# 56  
 Delta R.T. 0.006 min  
 Lab File: VW027541.D  
 Acq: 06 Nov 2023 10:31

Tgt Ion: 50 Resp: 739626  
 Ion Ratio Lower Upper  
 50 100  
 52 32.4 22.6 42.0

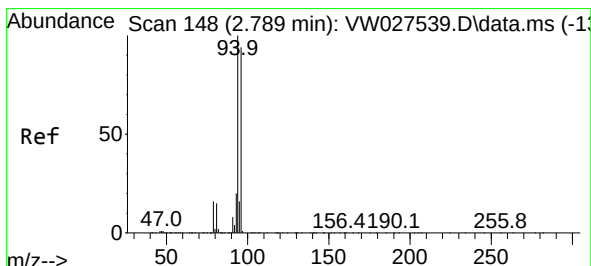
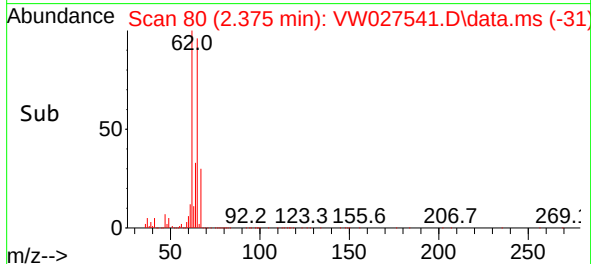
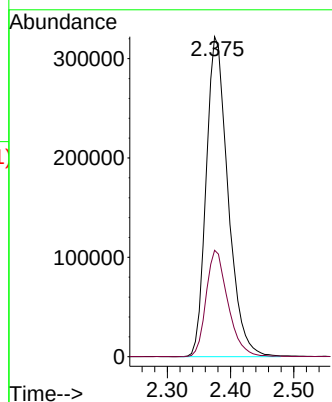
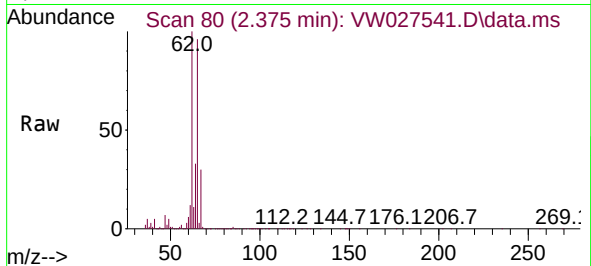




#5  
 Vinyl chloride  
 Concen: 99.904 ug/L  
 RT: 2.375 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: VW027541.D  
 Acq: 06 Nov 2023 10:31

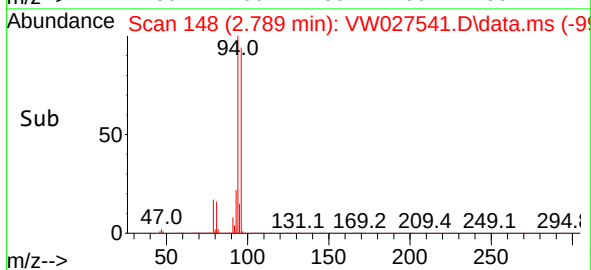
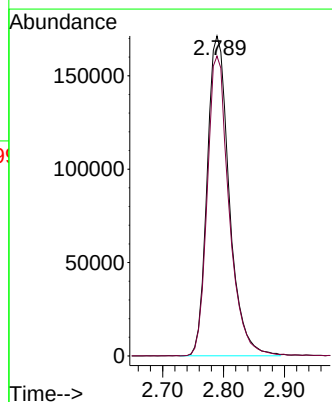
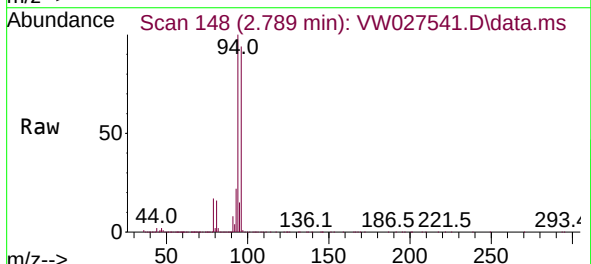
Instrument :  
 MSVOA\_W  
 ClientSampleId :

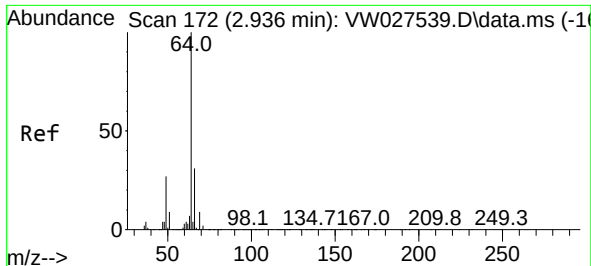
Tgt Ion: 62 Resp: 775005  
 Ion Ratio Lower Upper  
 62 100  
 64 33.3 23.9 44.3



#6  
 Bromomethane  
 Concen: 100.828 ug/L  
 RT: 2.789 min Scan# 148  
 Delta R.T. -0.000 min  
 Lab File: VW027541.D  
 Acq: 06 Nov 2023 10:31

Tgt Ion: 94 Resp: 431476  
 Ion Ratio Lower Upper  
 94 100  
 96 93.7 65.7 122.1

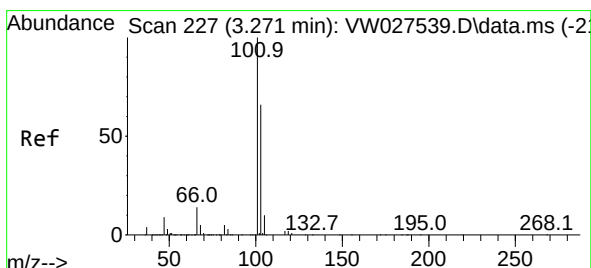
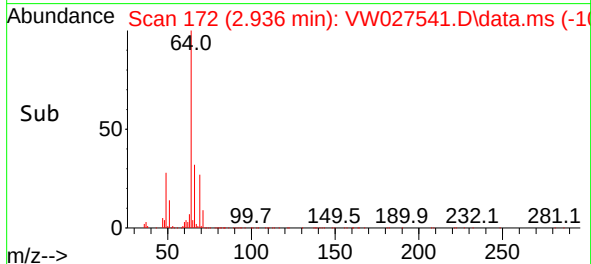
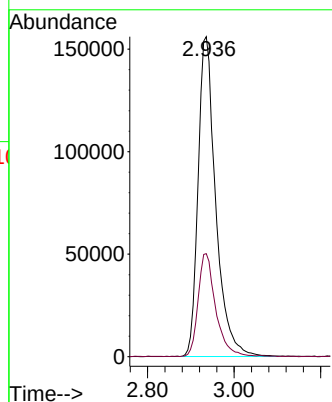
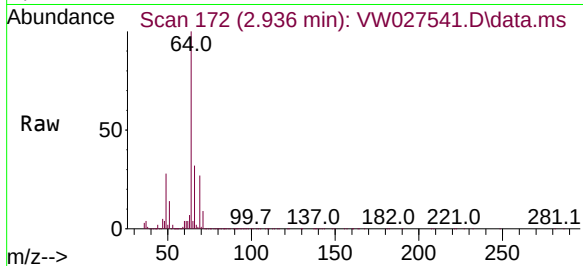




#8  
Chloroethane  
Concen: 99.353 ug/L  
RT: 2.936 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

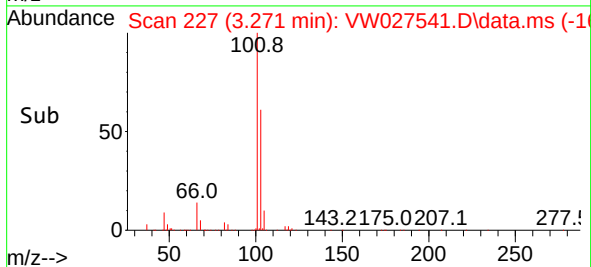
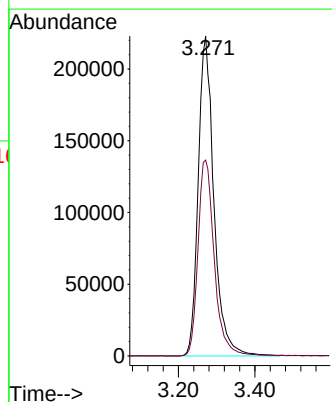
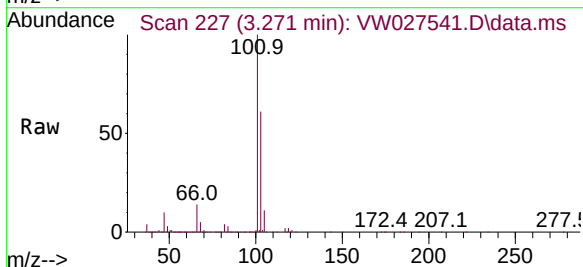
Instrument :  
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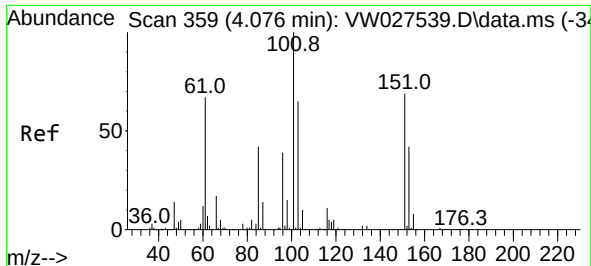
Tgt Ion: 64 Resp: 440736  
Ion Ratio Lower Upper  
64 100  
66 32.2 21.8 40.6



#9  
Trichlorofluoromethane  
Concen: 107.960 ug/L  
RT: 3.271 min Scan# 227  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion: 101 Resp: 633859  
Ion Ratio Lower Upper  
101 100  
103 63.6 52.6 78.8

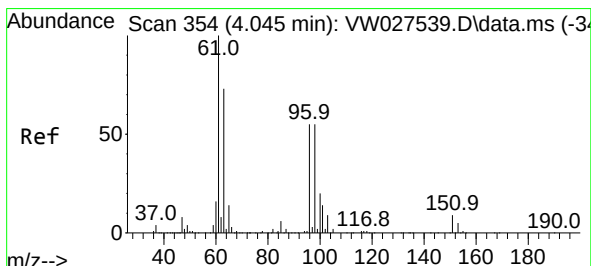
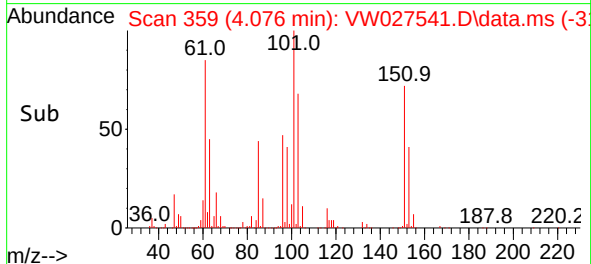
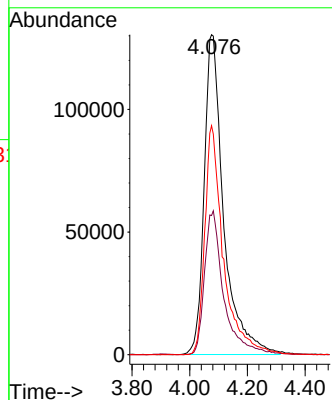
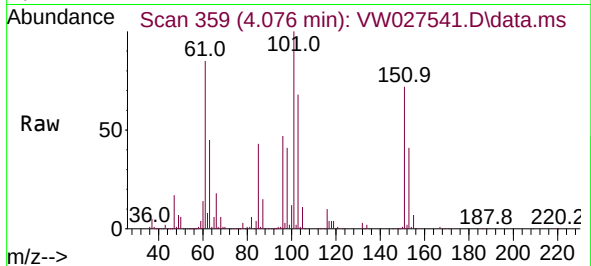




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 104.271 ug/L  
 RT: 4.076 min Scan# 359  
 Delta R.T. -0.000 min  
 Lab File: VW027541.D  
 Acq: 06 Nov 2023 10:31

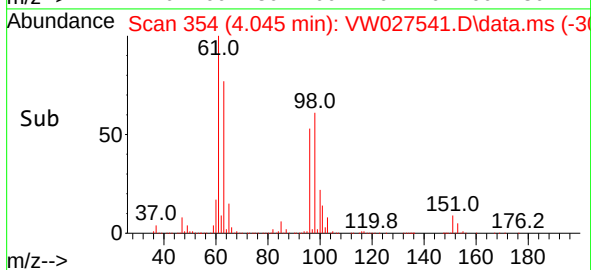
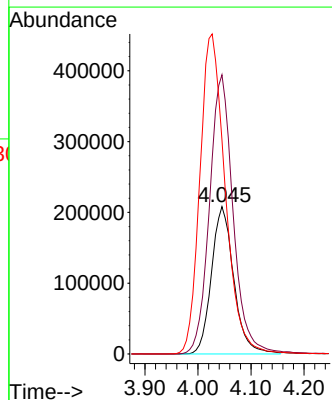
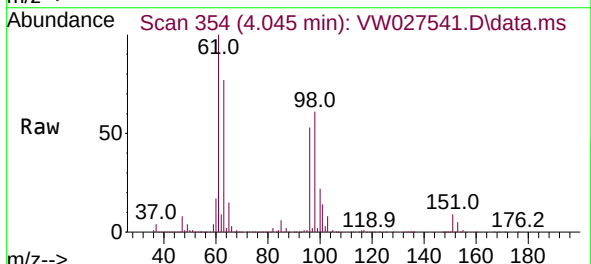
Instrument :  
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 ClientSampleId :

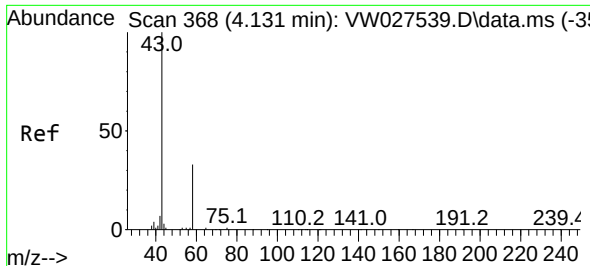
Tgt Ion:101 Resp: 611726  
 Ion Ratio Lower Upper  
 101 100  
 85 43.9 35.6 53.4  
 151 68.3 56.6 84.8



#12  
 1,1-Dichloroethene  
 Concen: 99.601 ug/L  
 RT: 4.045 min Scan# 354  
 Delta R.T. -0.000 min  
 Lab File: VW027541.D  
 Acq: 06 Nov 2023 10:31

Tgt Ion: 96 Resp: 608267  
 Ion Ratio Lower Upper  
 96 100  
 61 189.4 128.9 239.3  
 63 145.3 96.4 179.0

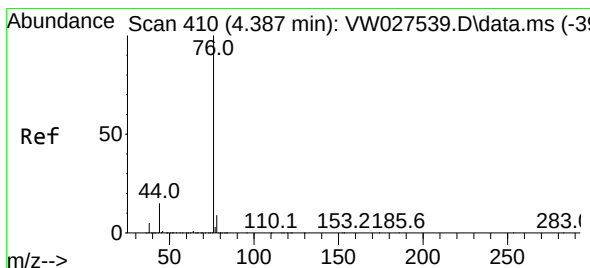
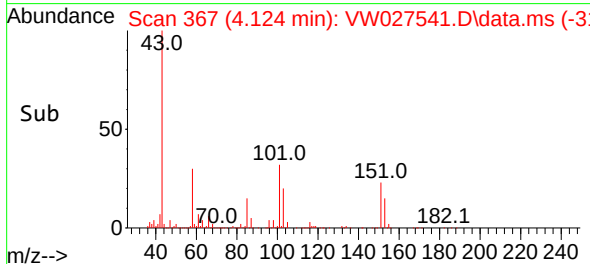
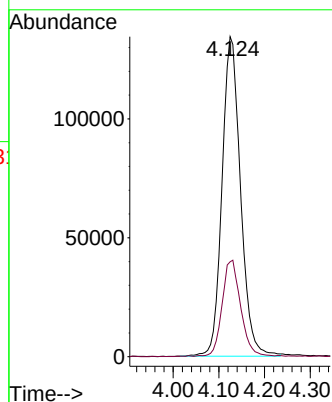
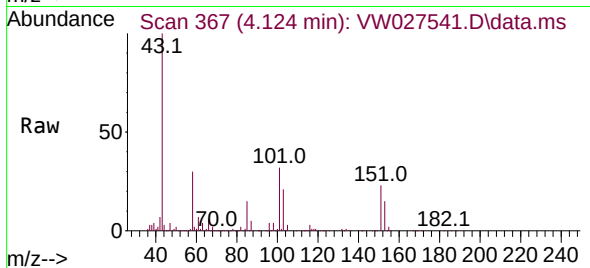




#13  
Acetone  
Concen: 197.419 ug/L  
RT: 4.124 min Scan# 367  
Delta R.T. -0.006 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

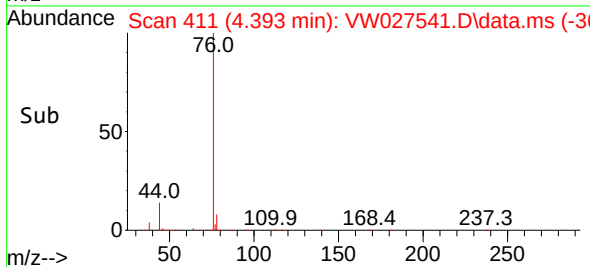
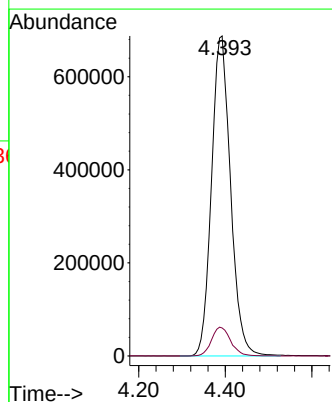
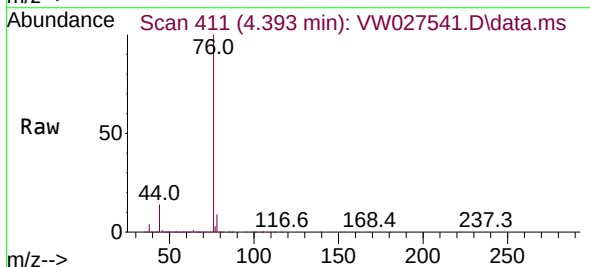
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 43 Resp: 378468  
Ion Ratio Lower Upper  
43 100  
58 30.2 0.0 64.4

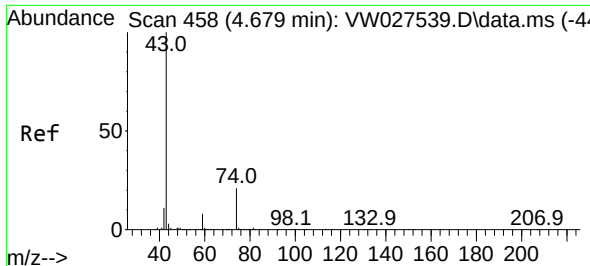


#14  
Carbon disulfide  
Concen: 99.919 ug/L  
RT: 4.393 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion: 76 Resp: 2098934  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.2 10.8



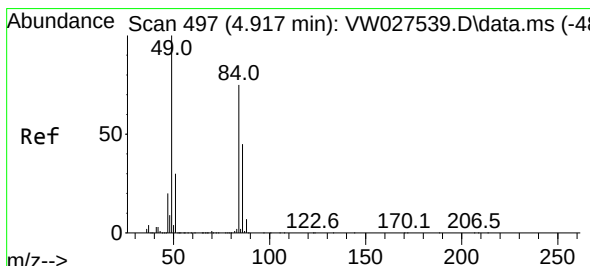
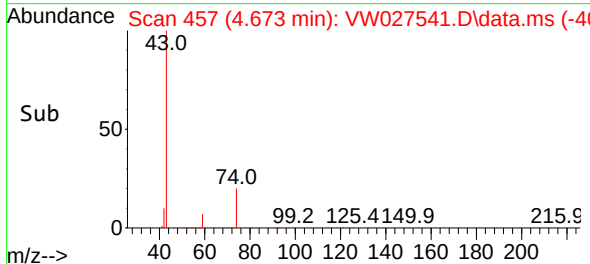
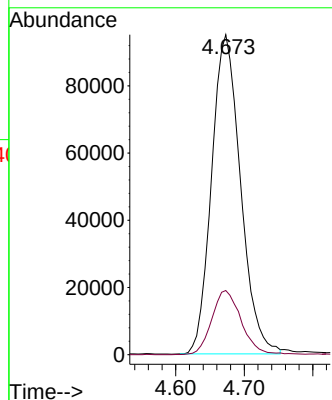
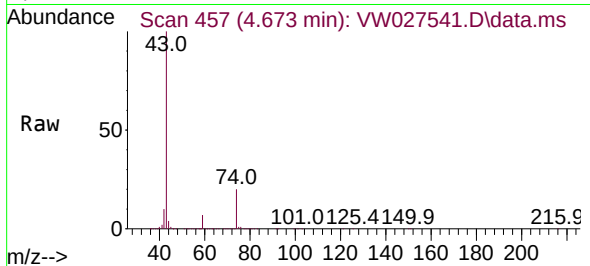




#15  
Methyl Acetate  
Concen: 98.445 ug/L  
RT: 4.673 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

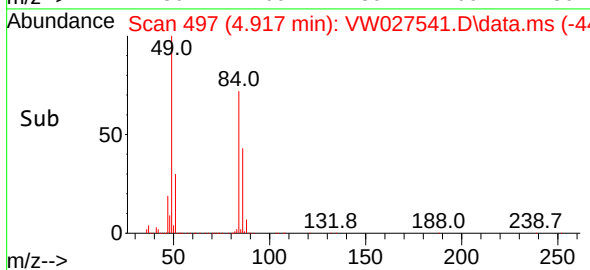
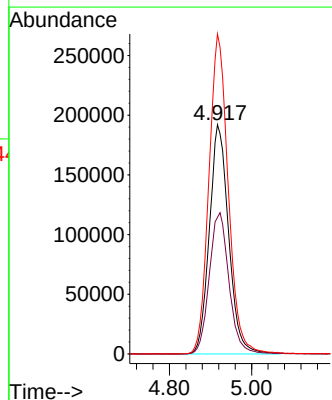
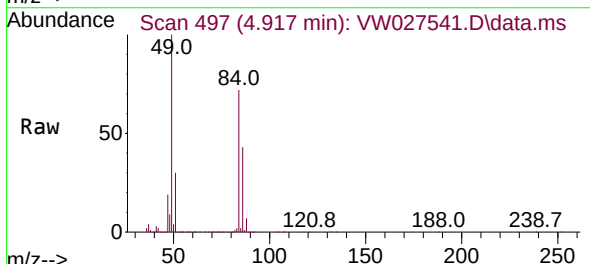
Instrument :  
MSVOA\_W  
ClientSampleId :

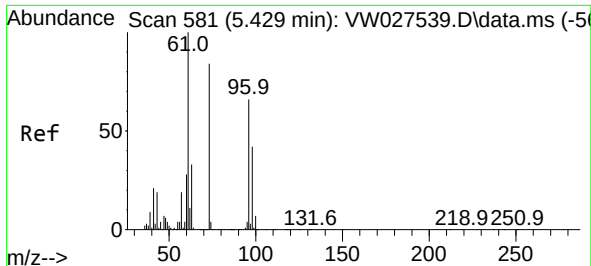
Tgt Ion: 43 Resp: 279032  
Ion Ratio Lower Upper  
43 100  
74 20.3 16.9 25.3



#16  
Methylene chloride  
Concen: 82.813 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion: 84 Resp: 625551  
Ion Ratio Lower Upper  
84 100  
86 59.6 42.7 79.3  
49 139.6 94.0 174.6

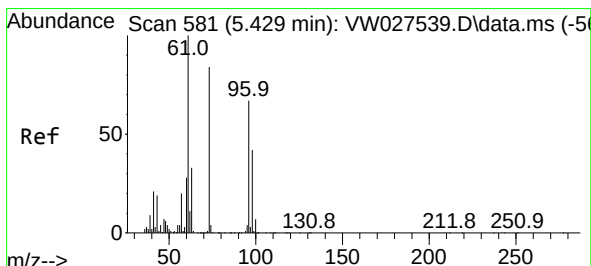
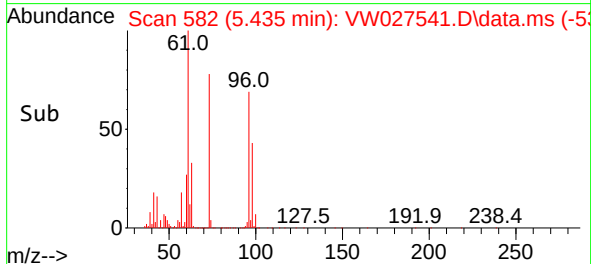
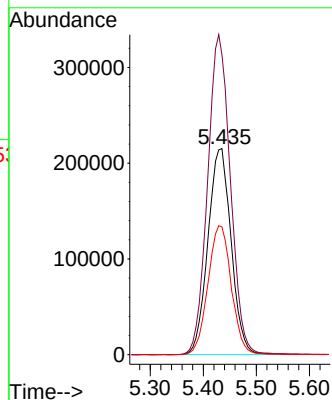
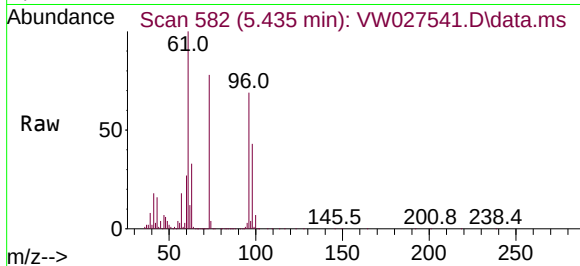




#17  
trans-1,2-Dichloroethene  
Concen: 101.121 ug/L  
RT: 5.435 min Scan# 581  
Delta R.T. 0.006 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

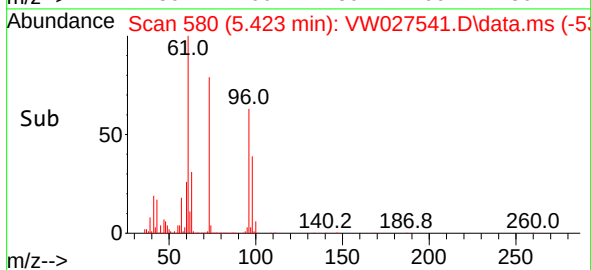
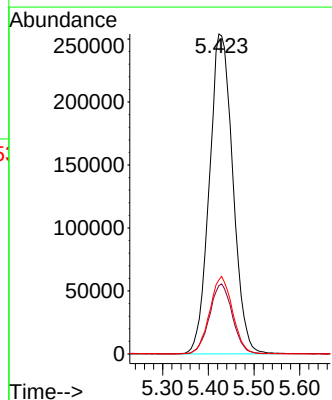
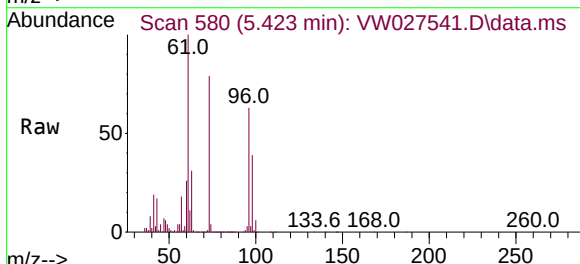
Instrument :  
MSVOA\_W  
ClientSampleId :

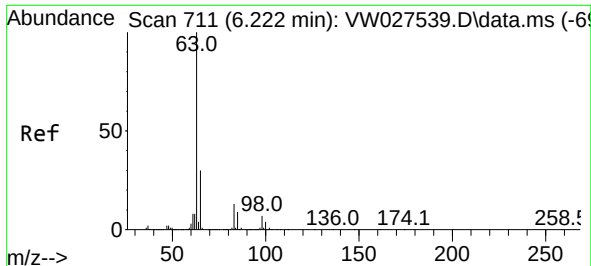
Tgt Ion: 96 Resp: 654065  
Ion Ratio Lower Upper  
96 100  
61 145.5 105.3 195.6  
98 62.0 44.0 81.8



#18  
Methyl tert-butyl Ether  
Concen: 93.890 ug/L  
RT: 5.423 min Scan# 580  
Delta R.T. -0.006 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

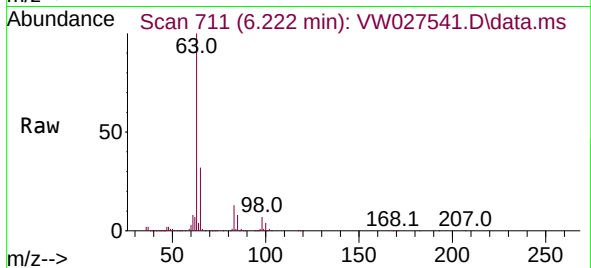
Tgt Ion: 73 Resp: 906055  
Ion Ratio Lower Upper  
73 100  
43 21.2 17.1 25.7  
57 23.5 19.4 29.0





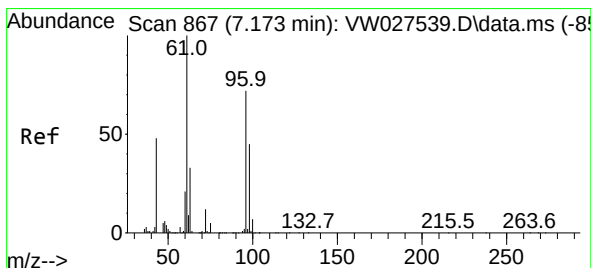
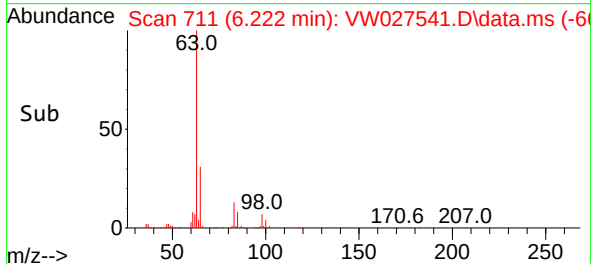
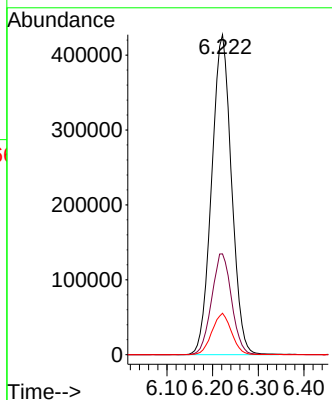
#19  
1,1-Dichloroethane  
Concen: 100.067 ug/L  
RT: 6.222 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 63 Resp: 1288561

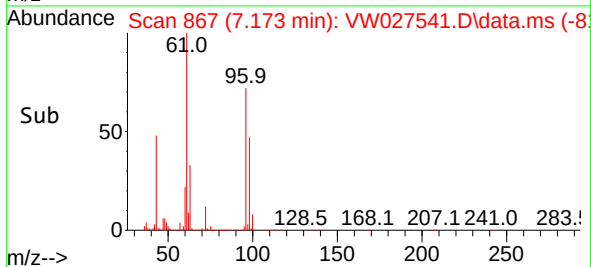
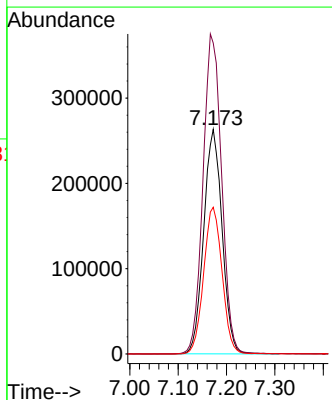
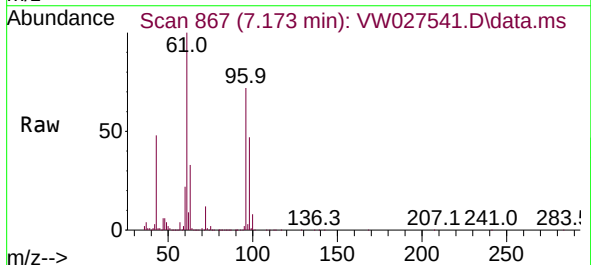
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 31.5  | 21.1  | 39.3  |
| 83  | 12.9  | 9.0   | 16.6  |

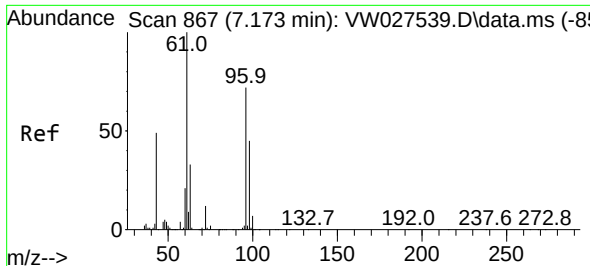


#20  
cis-1,2-Dichloroethene  
Concen: 99.456 ug/L  
RT: 7.173 min Scan# 867  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion: 96 Resp: 695369

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 138.4 | 97.9  | 181.7 |
| 98  | 65.3  | 43.5  | 80.9  |

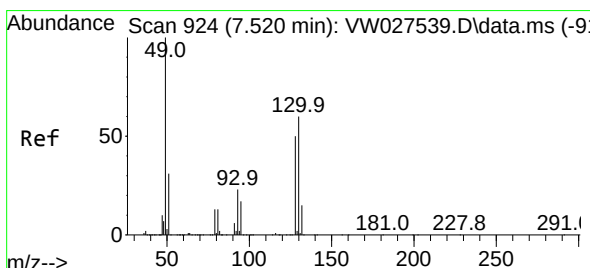
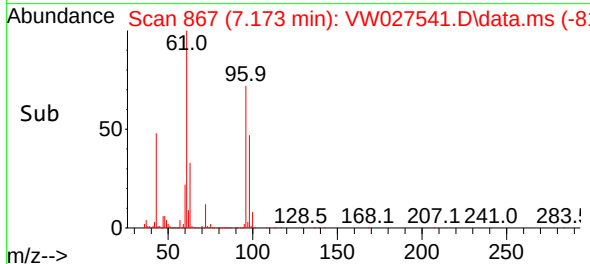
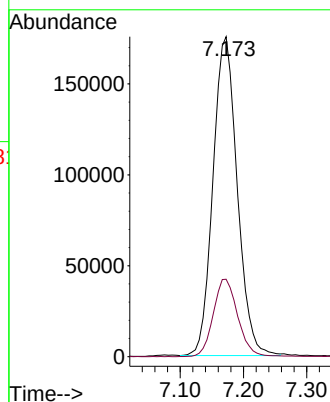
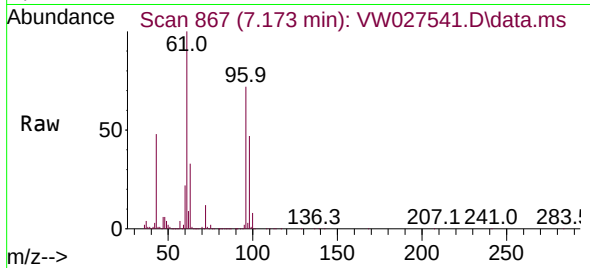




#22  
2-Butanone  
Concen: 191.355 ug/L  
RT: 7.173 min Scan# 867  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

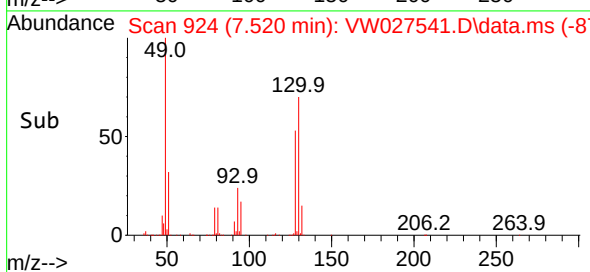
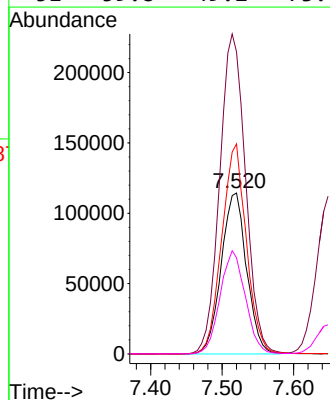
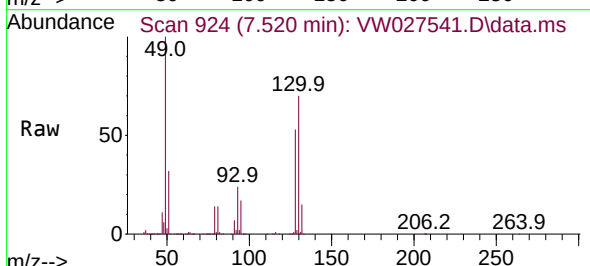
Instrument :  
MSVOA\_W  
ClientSampleId :

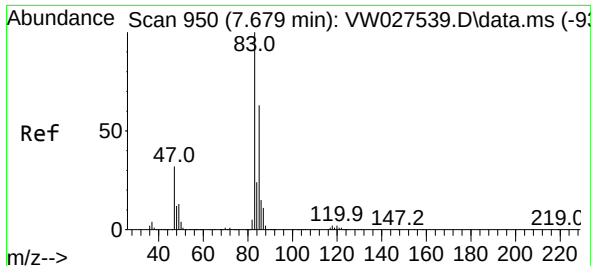
Tgt Ion: 43 Resp: 466588  
Ion Ratio Lower Upper  
43 100  
72 24.6 12.3 36.9



#23  
Bromochloromethane  
Concen: 97.209 ug/L  
RT: 7.520 min Scan# 924  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion: 128 Resp: 282592  
Ion Ratio Lower Upper  
128 100  
49 187.7 139.7 259.5  
130 130.5 83.4 155.0  
51 59.8 49.2 73.8

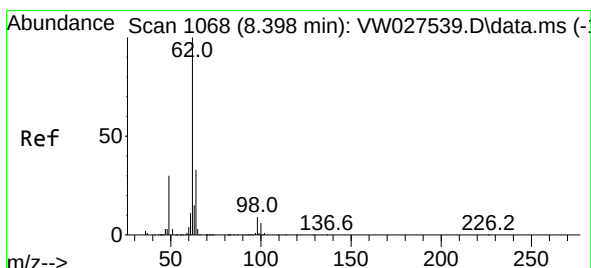
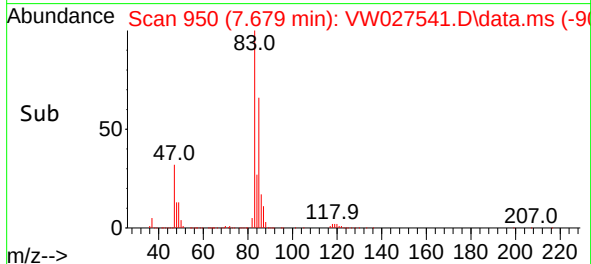
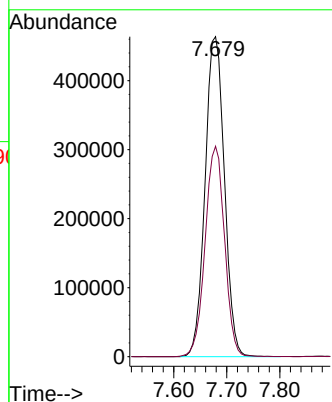
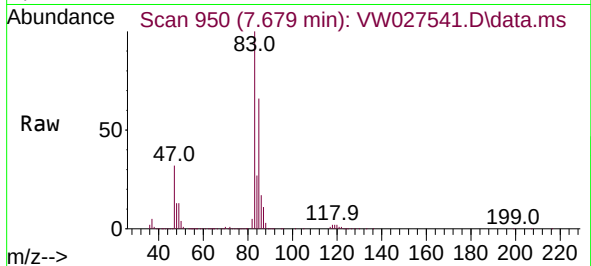




#25  
Chloroform  
Concen: 98.309 ug/L  
RT: 7.679 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

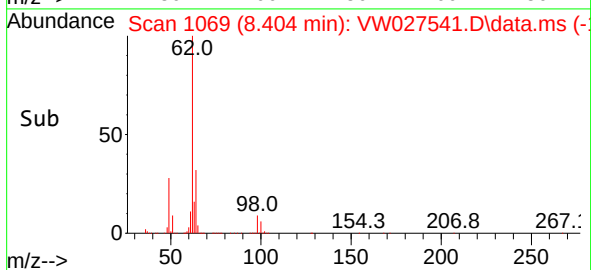
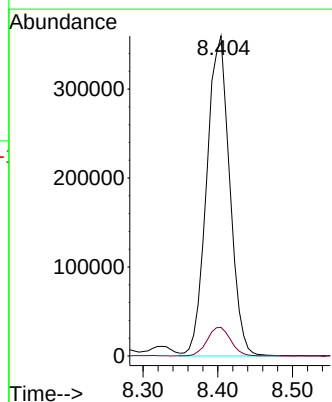
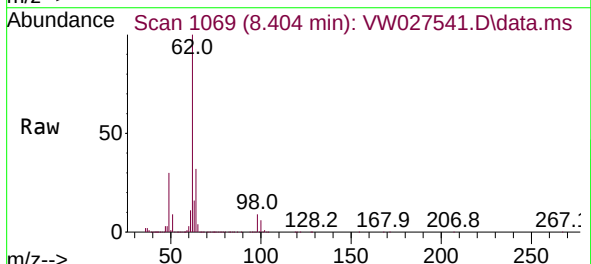
Instrument :  
MSVOA\_W  
ClientSampleId :

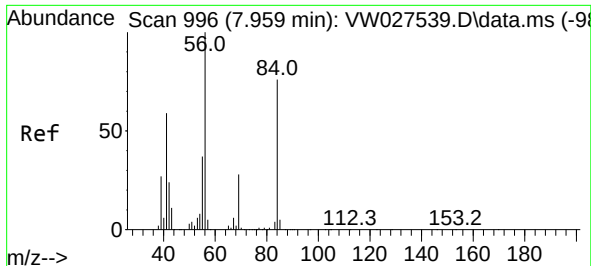
Tgt Ion: 83 Resp: 1175341  
Ion Ratio Lower Upper  
83 100  
85 65.7 44.2 82.0



#27  
1,2-Dichloroethane  
Concen: 97.619 ug/L  
RT: 8.404 min Scan# 1069  
Delta R.T. 0.006 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion: 62 Resp: 767953  
Ion Ratio Lower Upper  
62 100  
98 9.0 7.4 11.0





#29

Cyclohexane

Concen: 98.438 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

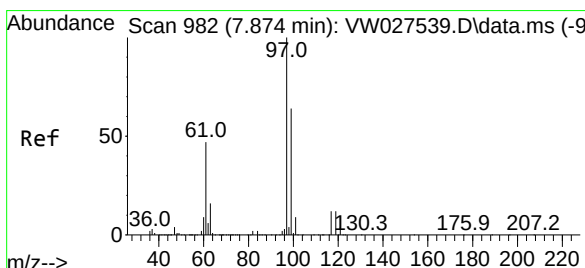
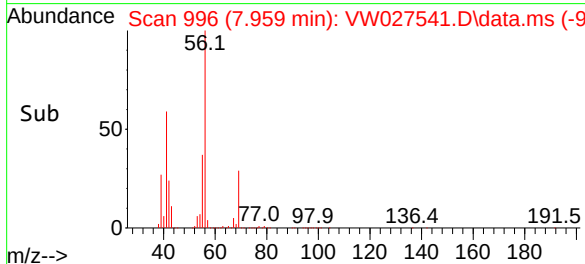
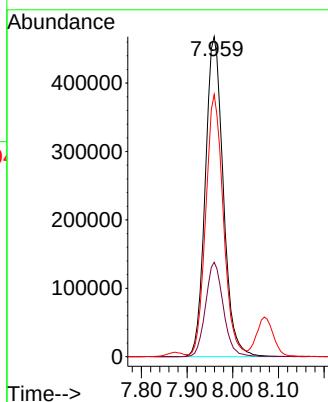
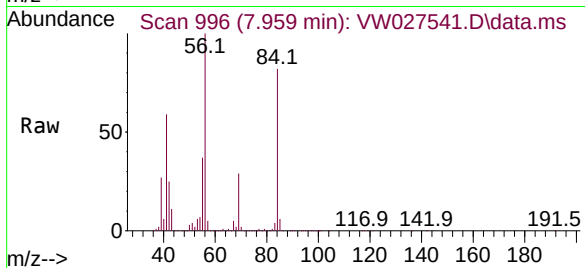
Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion: 56 Resp: 1278205

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 29.1  | 23.0  | 34.6  |
| 84  | 80.3  | 63.6  | 95.4  |



#30

1,1,1-Trichloroethane

Concen: 95.717 ug/L

RT: 7.874 min Scan# 982

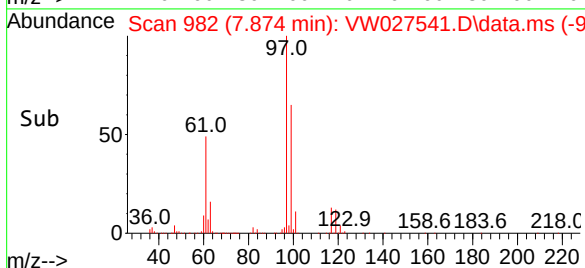
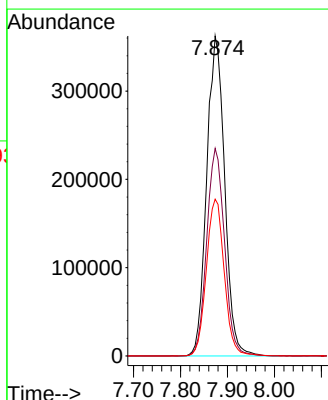
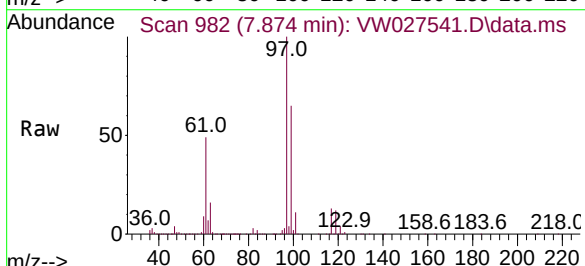
Delta R.T. -0.000 min

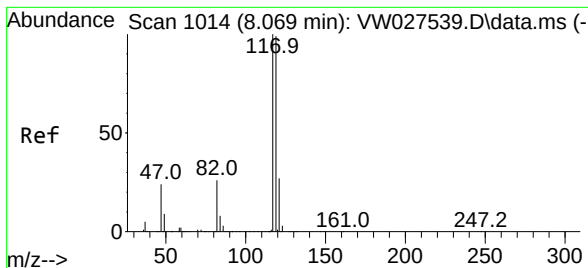
Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

Tgt Ion: 97 Resp: 960278

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.4  | 51.0  | 76.4  |
| 61  | 48.9  | 39.1  | 58.7  |





#31

Carbon tetrachloride

Concen: 98.499 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

Instrument :

MSVOA\_W

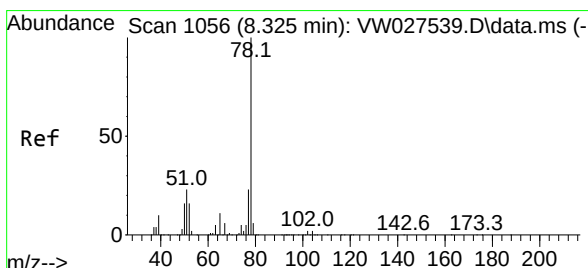
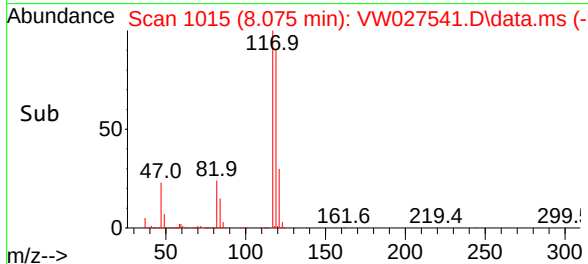
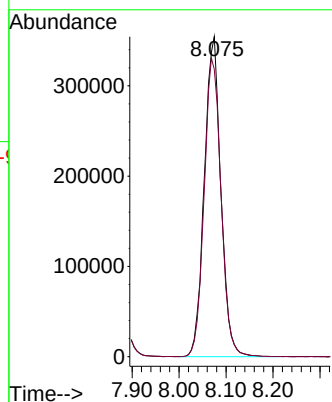
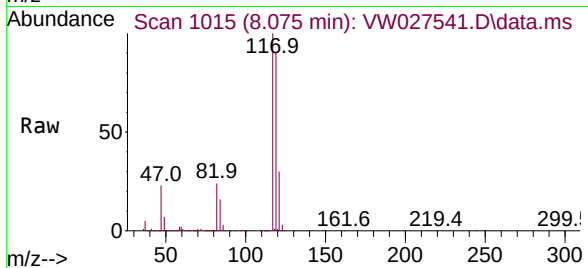
ClientSampleId :

Tgt Ion:117 Resp: 864967

Ion Ratio Lower Upper

117 100

119 95.6 76.5 114.7



#33

Benzene

Concen: 96.155 ug/L

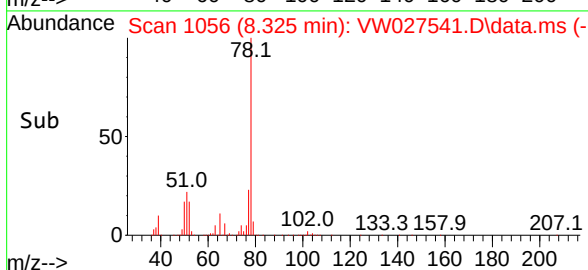
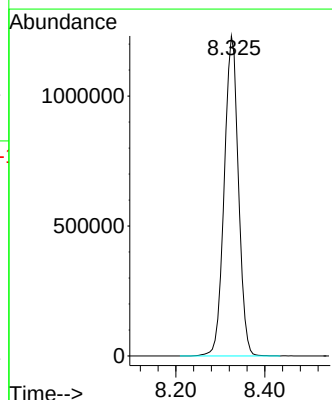
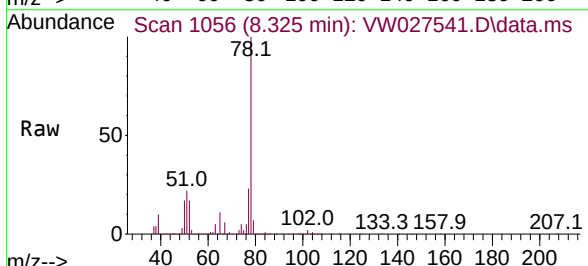
RT: 8.325 min Scan# 1056

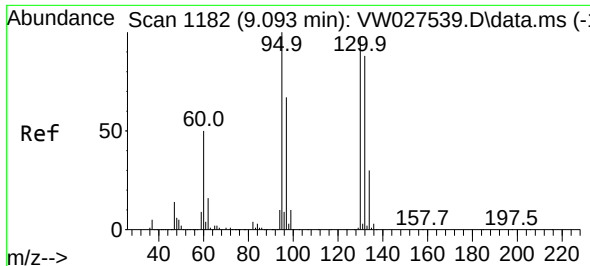
Delta R.T. -0.000 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

Tgt Ion: 78 Resp: 2723460

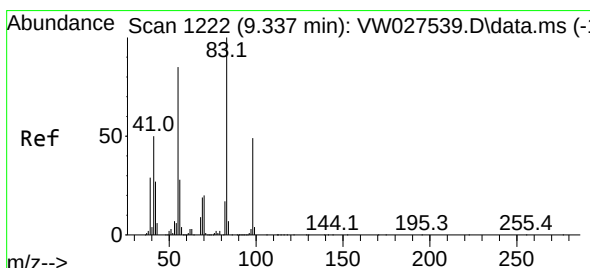
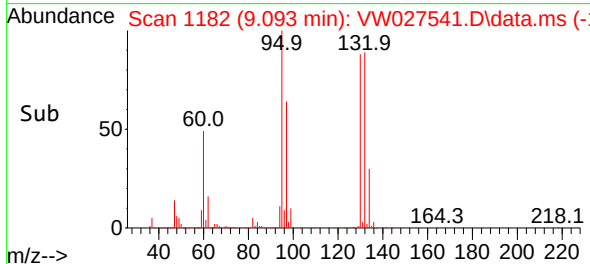
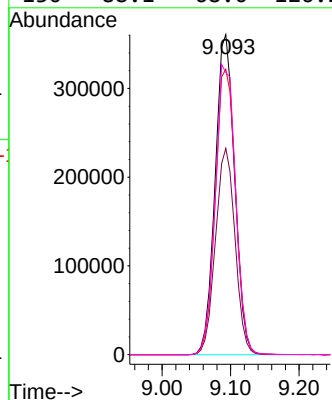
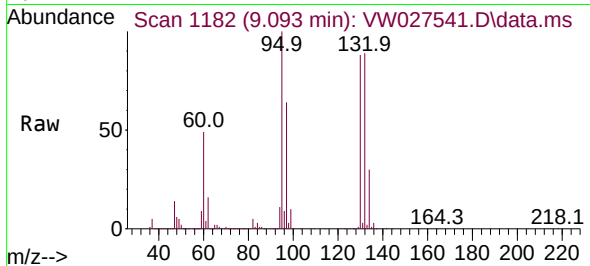




#34  
Trichloroethene  
Concen: 97.271 ug/L  
RT: 9.093 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

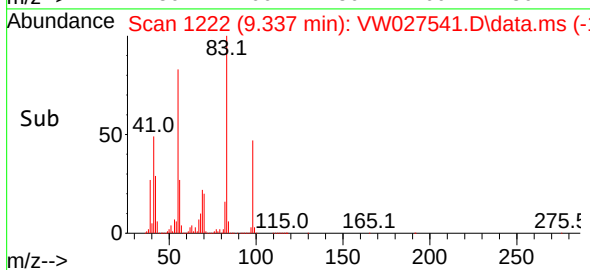
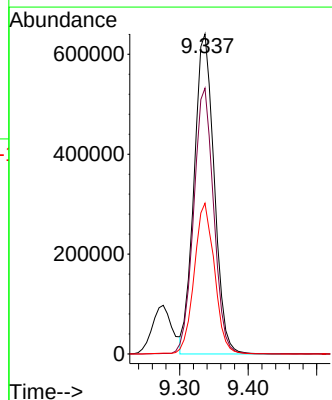
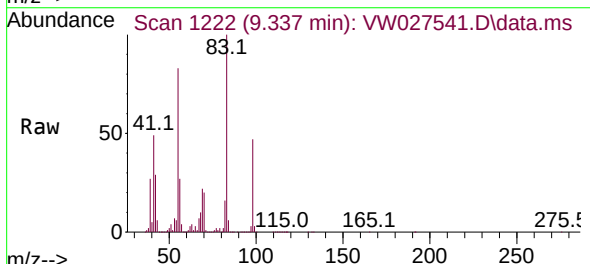
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 95 Resp: 712078  
Ion Ratio Lower Upper  
95 100  
97 64.4 46.9 87.1  
132 89.2 61.8 114.8  
130 88.1 68.0 126.2

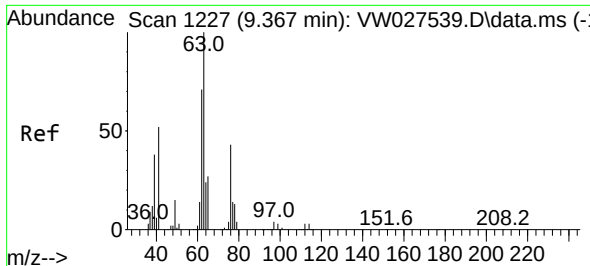


#35  
Methylcyclohexane  
Concen: 98.769 ug/L  
RT: 9.337 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion: 83 Resp: 1309701  
Ion Ratio Lower Upper  
83 100  
55 82.5 66.2 99.2  
98 47.3 38.3 57.5







#37

1,2-Dichloropropane

Concen: 97.751 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

Instrument :

MSVOA\_W

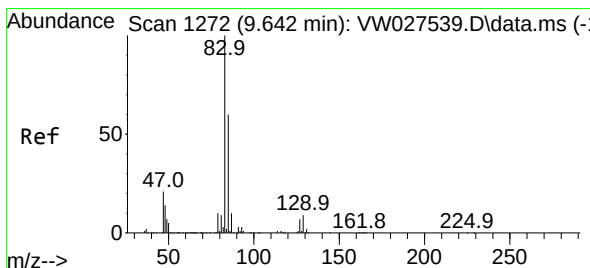
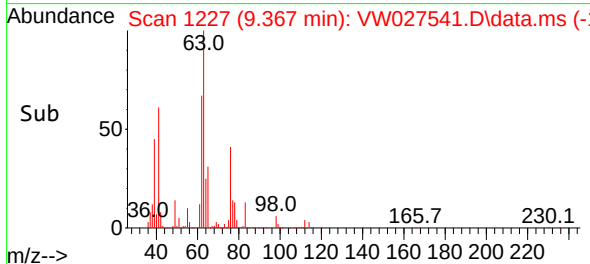
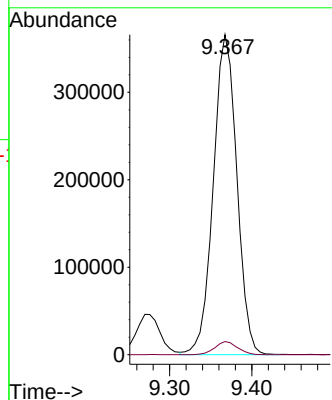
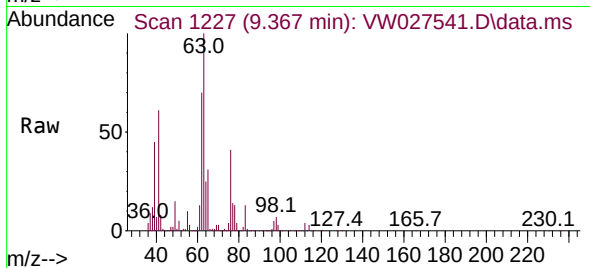
ClientSampleId :

Tgt Ion: 63 Resp: 727974

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 98.353 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

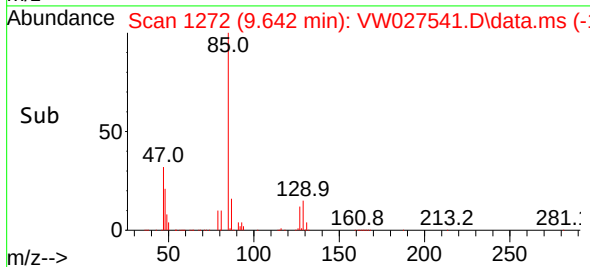
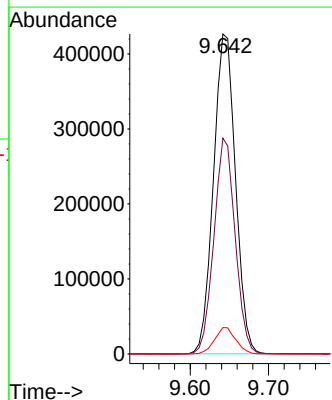
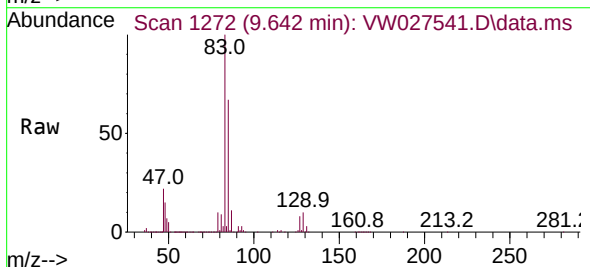
Tgt Ion: 83 Resp: 833134

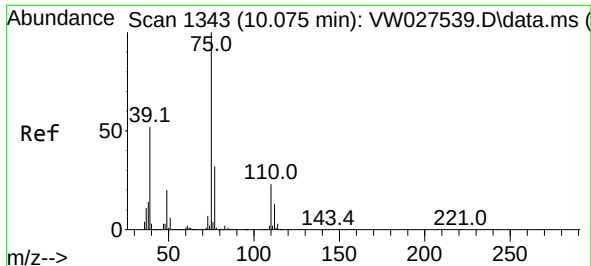
Ion Ratio Lower Upper

83 100

85 67.5 42.2 78.4

127 8.2 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 105.141 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

Instrument :

MSVOA\_W

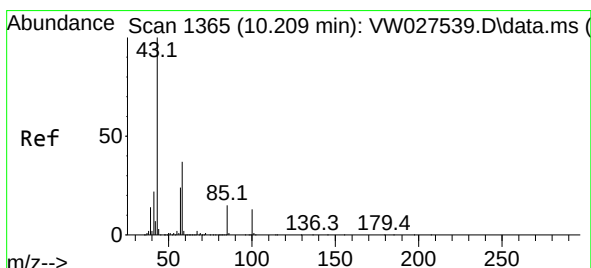
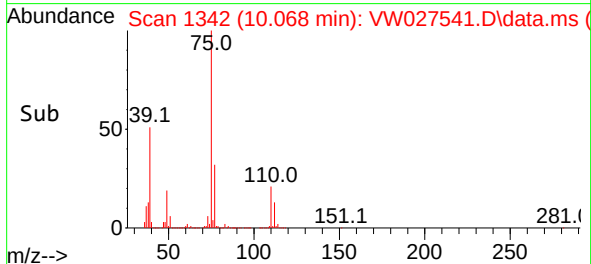
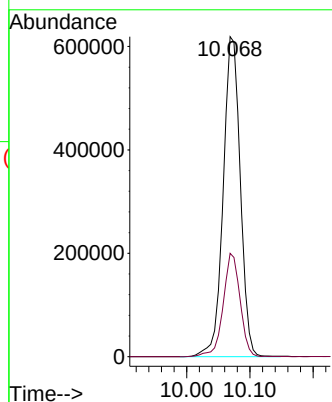
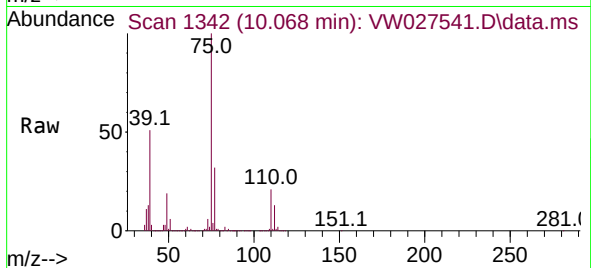
ClientSampleId :

Tgt Ion: 75 Resp: 1157609

Ion Ratio Lower Upper

75 100

77 32.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 196.428 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

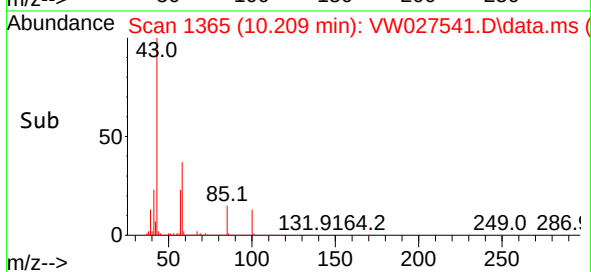
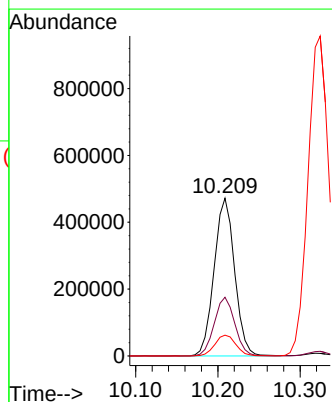
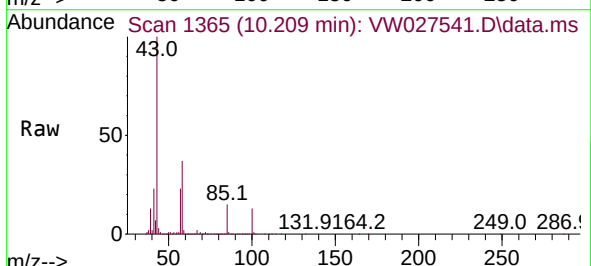
Tgt Ion: 43 Resp: 816837

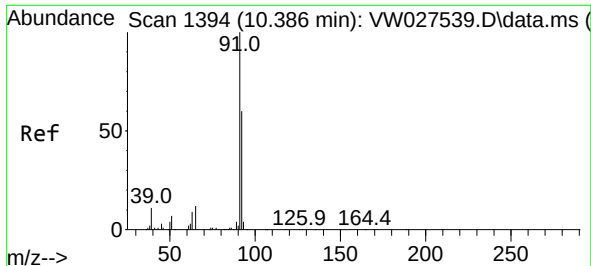
Ion Ratio Lower Upper

43 100

58 37.3 29.6 44.4

100 13.6 10.7 16.1

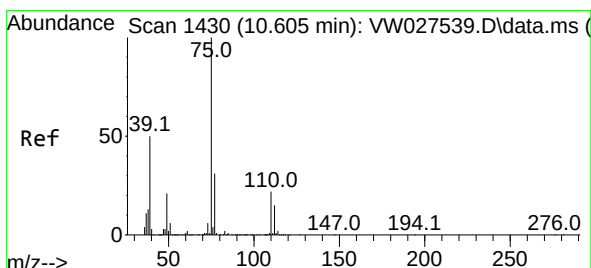
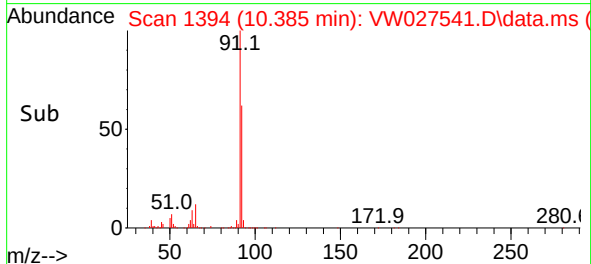
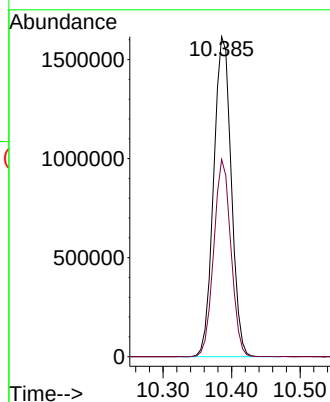
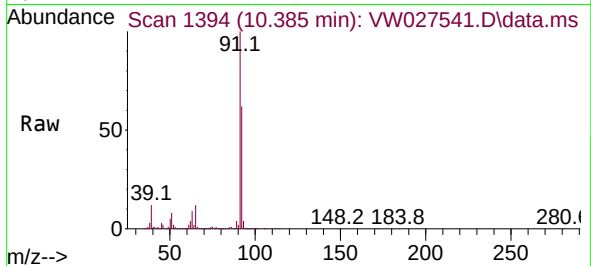




#42  
Toluene  
Concen: 97.967 ug/L  
RT: 10.385 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

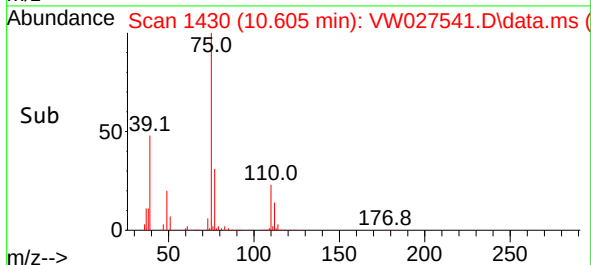
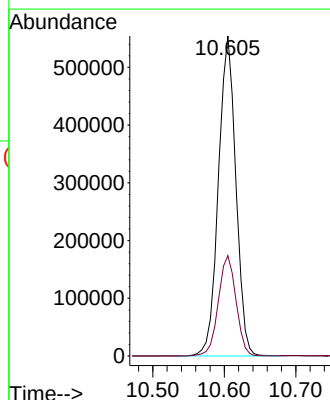
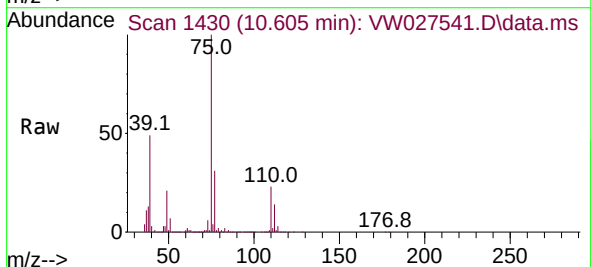
Instrument :  
MSVOA\_W  
ClientSampleId :

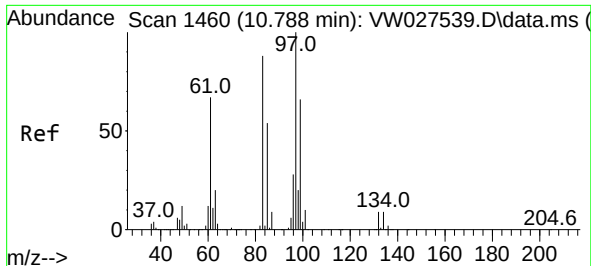
Tgt Ion: 91 Resp: 2878797  
Ion Ratio Lower Upper  
91 100  
92 61.7 41.7 77.5



#44  
trans-1,3-Dichloropropene  
Concen: 106.033 ug/L  
RT: 10.605 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

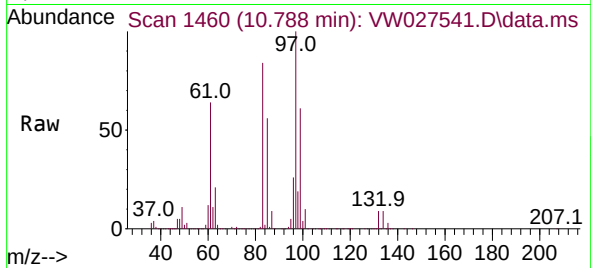
Tgt Ion: 75 Resp: 938099  
Ion Ratio Lower Upper  
75 100  
77 31.4 22.0 41.0



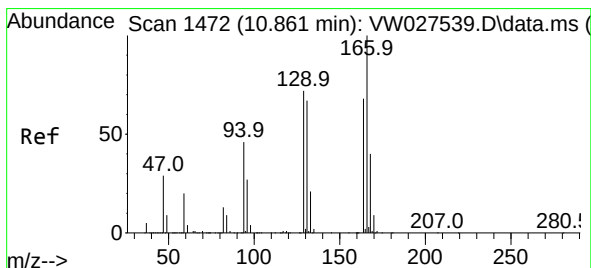
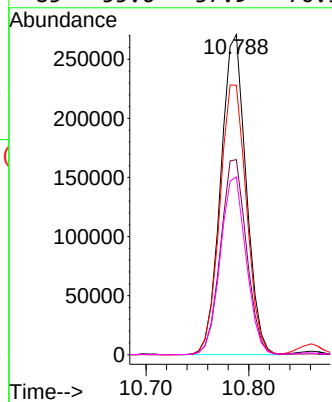
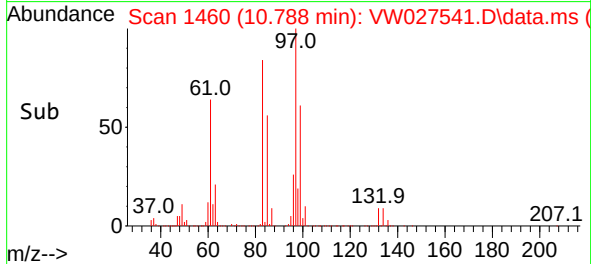


#45  
1,1,2-Trichloroethane  
Concen: 95.973 ug/L  
RT: 10.788 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

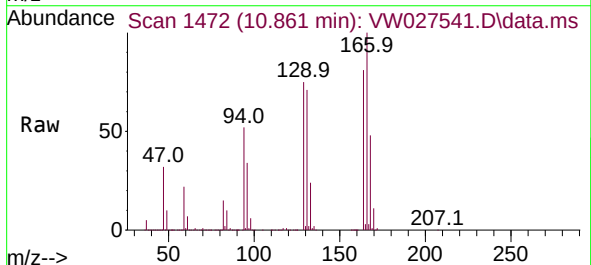
Instrument :  
MSVOA\_W  
ClientSampleId :



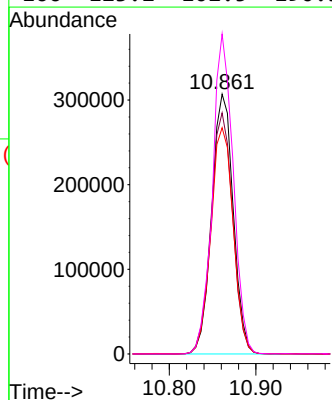
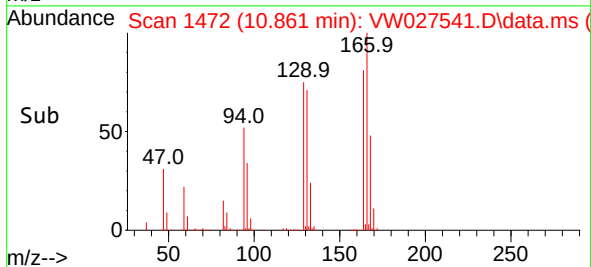
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 464702 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 60.9  | 46.1  | 85.5   |
| 83       | 84.2  | 61.5  | 114.3  |
| 85       | 55.6  | 37.9  | 70.5   |

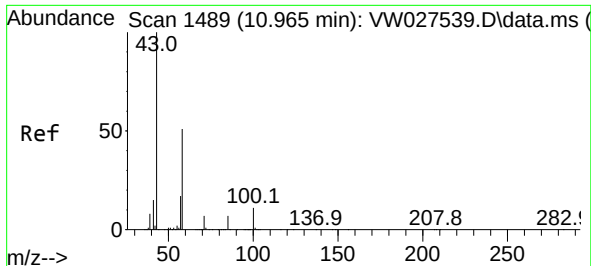


#46  
Tetrachloroethene  
Concen: 100.752 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31



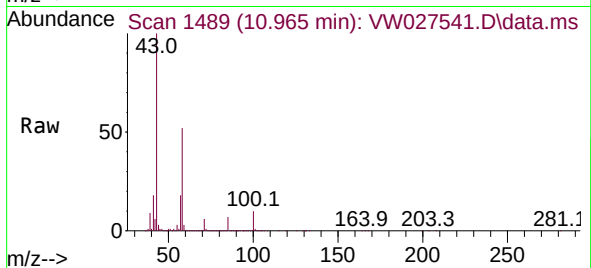
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 529311 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 92.8  | 73.4  | 136.2  |
| 131      | 87.1  | 68.4  | 127.0  |
| 166      | 123.2 | 102.5 | 190.3  |



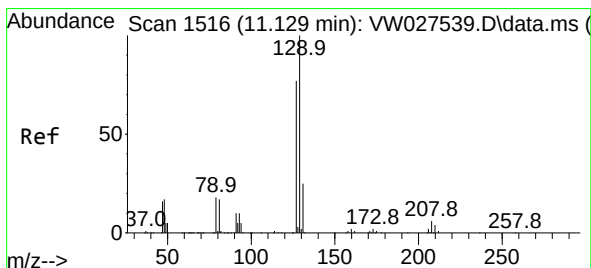
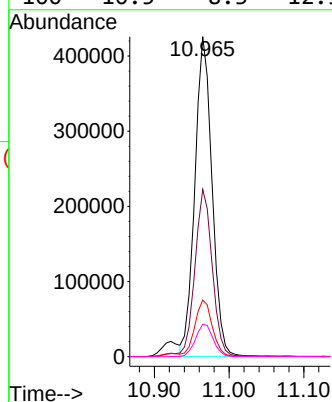
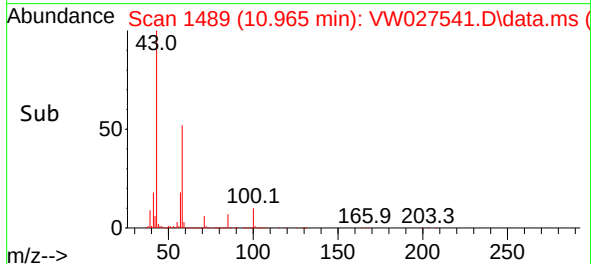


#48  
2-Hexanone  
Concen: 204.714 ug/L  
RT: 10.965 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Instrument :  
MSVOA\_W  
ClientSampleId :

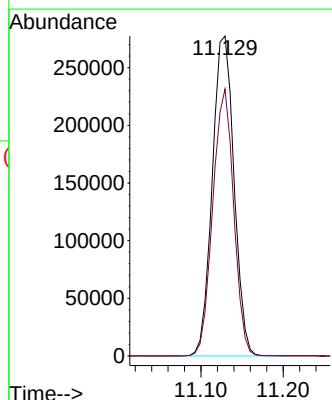
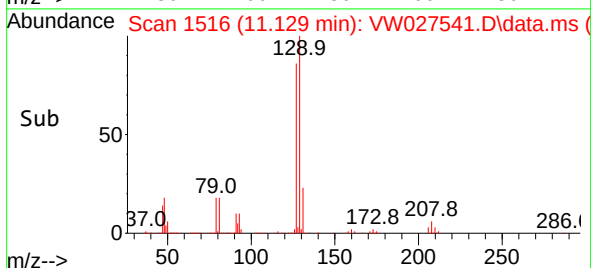
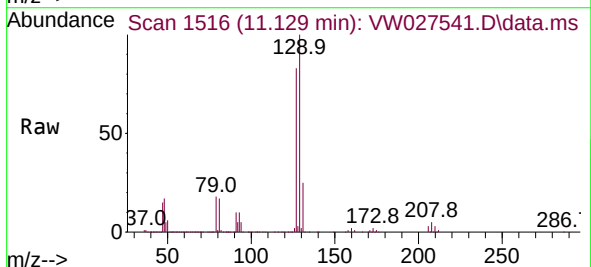


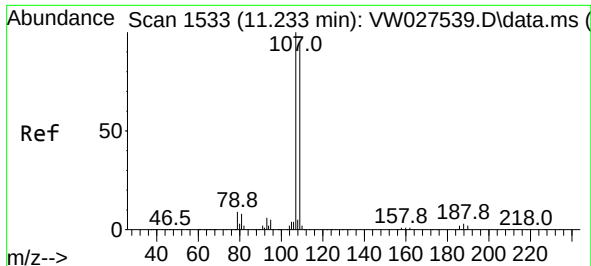
Tgt Ion: 43 Resp: 677415  
Ion Ratio Lower Upper  
43 100  
58 52.0 41.7 62.5  
57 17.8 14.2 21.2  
100 10.5 8.3 12.5



#49  
Dibromochloromethane  
Concen: 104.017 ug/L  
RT: 11.129 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion: 129 Resp: 509223  
Ion Ratio Lower Upper  
129 100  
127 83.4 54.1 100.5





#50

1,2-Dibromoethane

Concen: 94.656 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

Instrument :

MSVOA\_W

ClientSampleId :

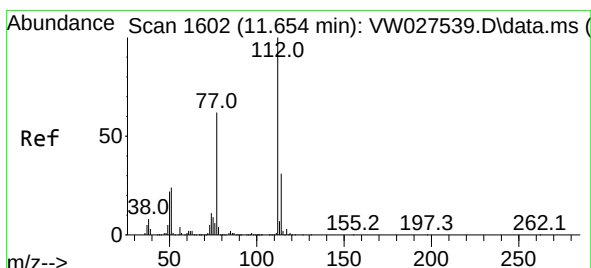
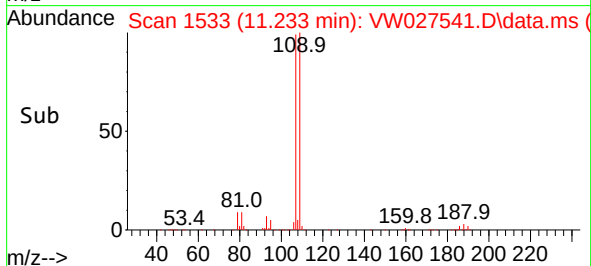
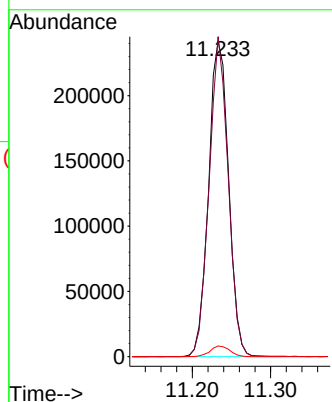
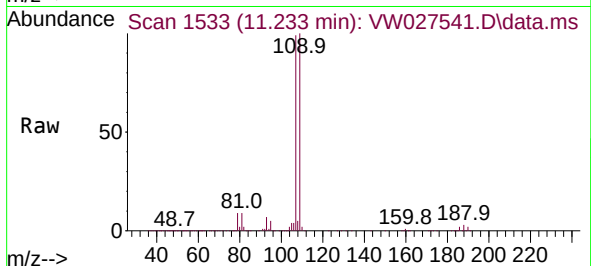
Tgt Ion:107 Resp: 429522

Ion Ratio Lower Upper

107 100

109 101.4 66.7 123.9

188 3.4 2.2 3.2#



#51

Chlorobenzene

Concen: 97.861 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

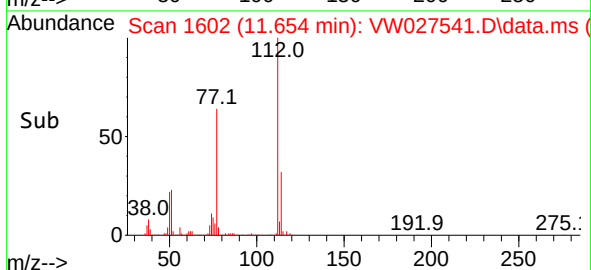
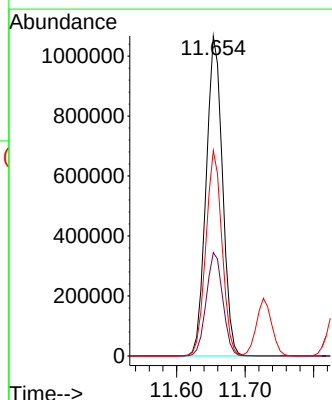
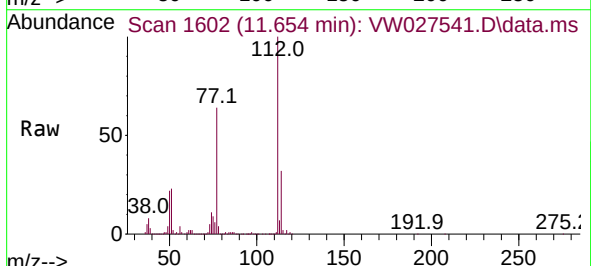
Tgt Ion:112 Resp: 1769871

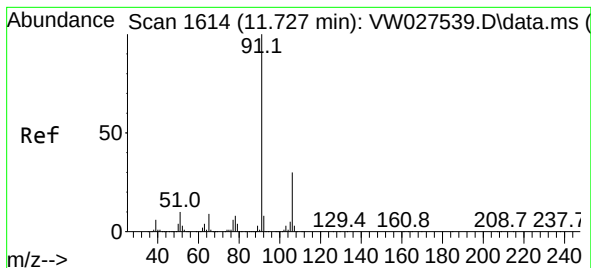
Ion Ratio Lower Upper

112 100

114 32.3 21.7 40.3

77 64.2 49.9 74.9

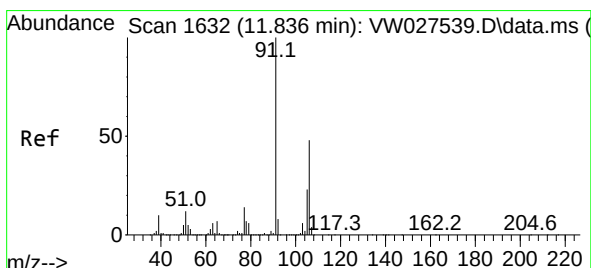
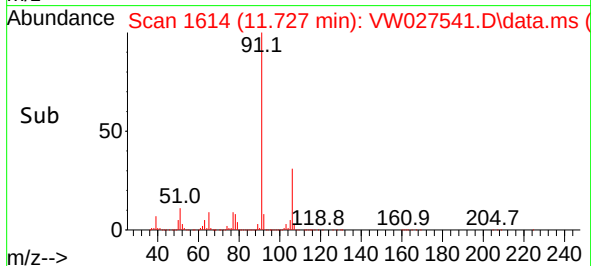
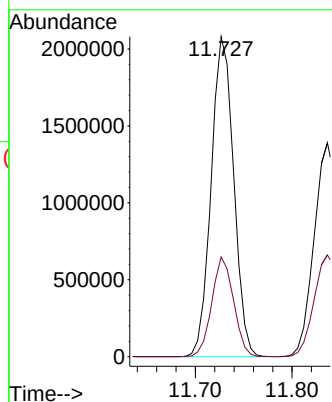
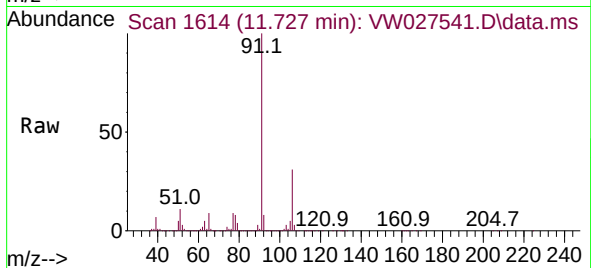




#52  
Ethylbenzene  
Concen: 100.410 ug/L  
RT: 11.727 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

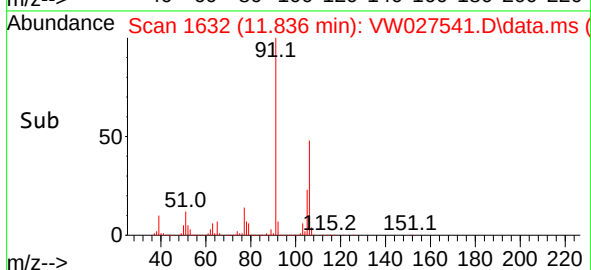
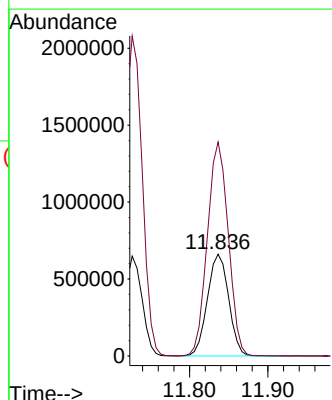
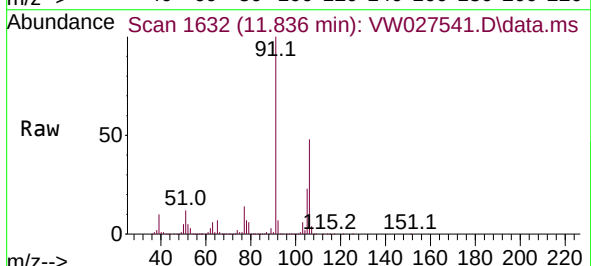
Instrument :  
MSVOA\_W  
ClientSampleId :

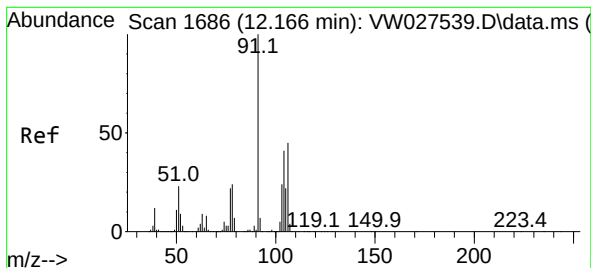
Tgt Ion: 91 Resp: 3365059  
Ion Ratio Lower Upper  
91 100  
106 31.2 20.9 38.7



#53  
m,p-Xylene  
Concen: 100.588 ug/L  
RT: 11.836 min Scan# 1632  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion:106 Resp: 1242992  
Ion Ratio Lower Upper  
106 100  
91 210.1 146.3 271.7

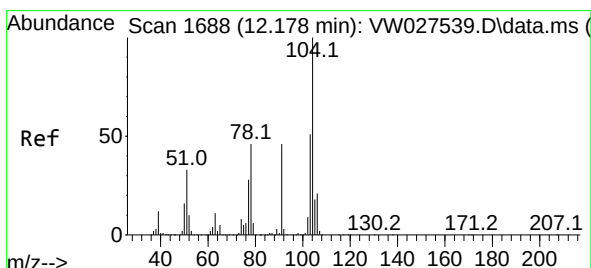
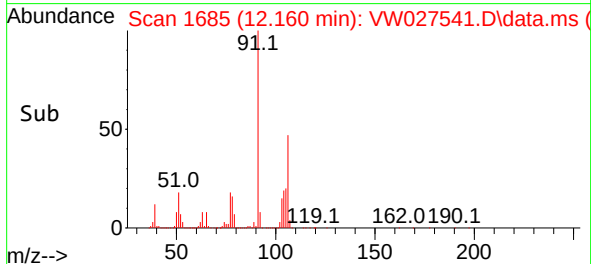
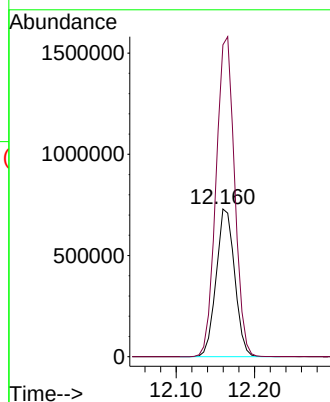
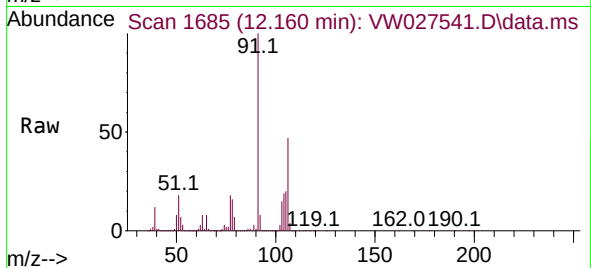




#54  
o-Xylene  
Concen: 102.372 ug/L  
RT: 12.160 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

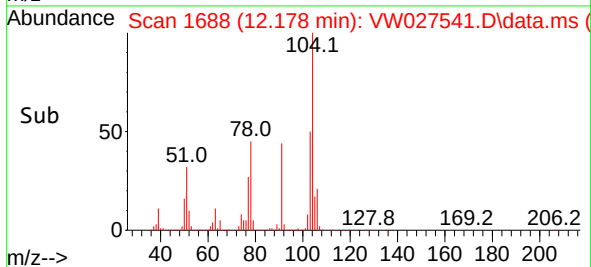
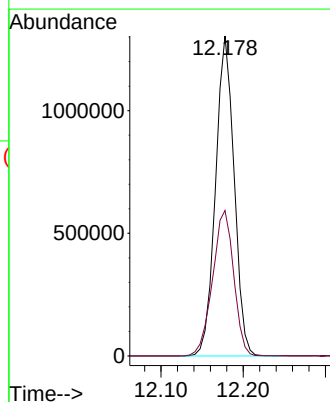
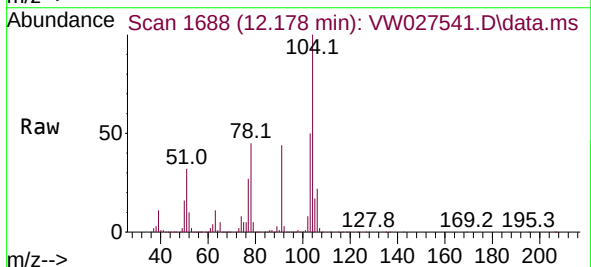
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:106 Resp: 1197693  
Ion Ratio Lower Upper  
106 100  
91 211.1 154.1 286.3

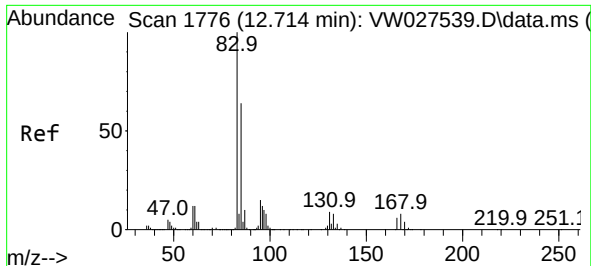


#55  
Styrene  
Concen: 103.365 ug/L  
RT: 12.178 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion:104 Resp: 2049286  
Ion Ratio Lower Upper  
104 100  
78 45.5 32.4 60.2



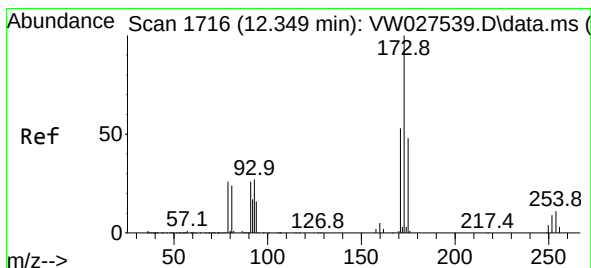
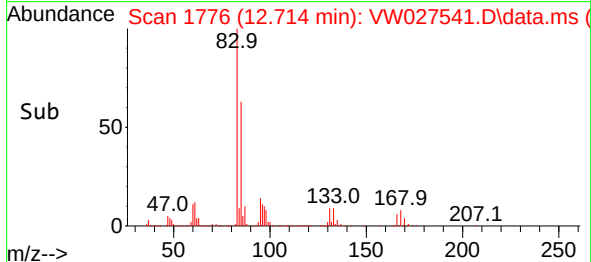
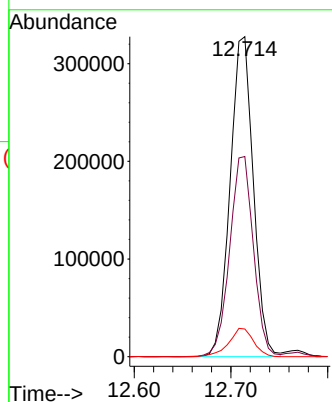
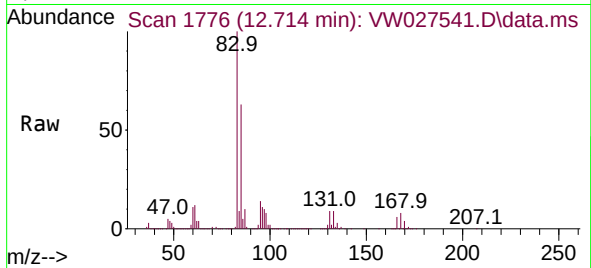




#57  
1,1,2,2-Tetrachloroethane  
Concen: 96.287 ug/L  
RT: 12.714 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

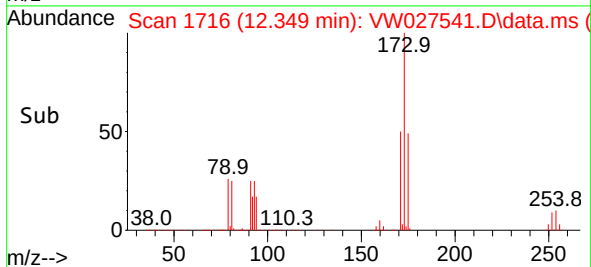
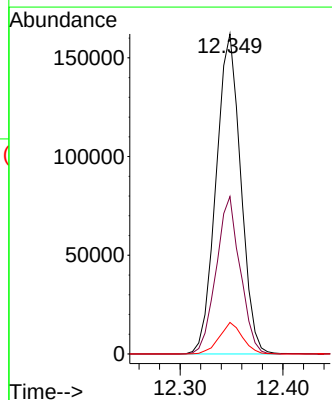
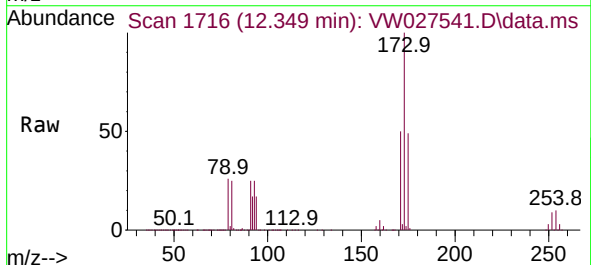
Instrument :  
MSVOA\_W  
ClientSampleId :

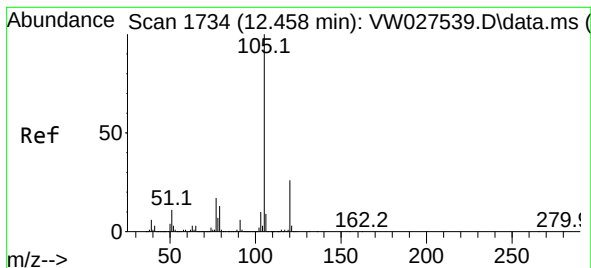
Tgt Ion: 83 Resp: 546208  
Ion Ratio Lower Upper  
83 100  
85 62.6 44.6 82.8  
131 8.7 7.3 10.9



#59  
Bromoform  
Concen: 107.161 ug/L  
RT: 12.349 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion: 173 Resp: 269819  
Ion Ratio Lower Upper  
173 100  
175 47.9 40.6 61.0  
254 9.3 7.8 11.6





#60

Isopropylbenzene

Concen: 101.524 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

Instrument :

MSVOA\_W

ClientSampleId :

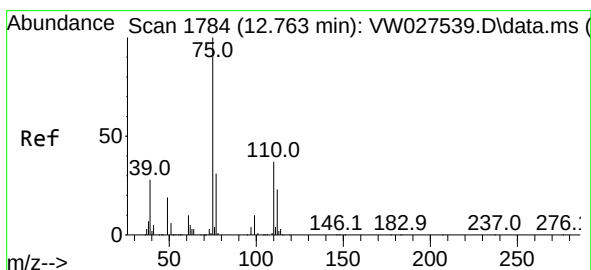
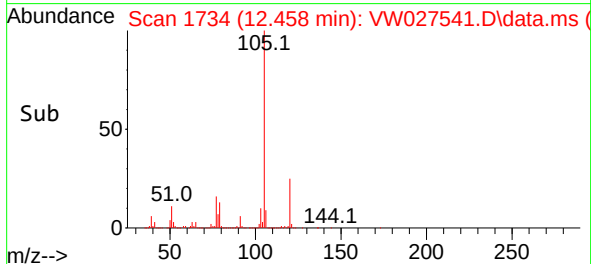
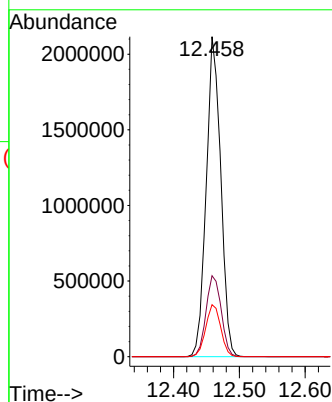
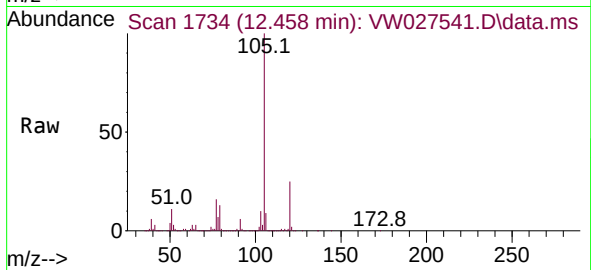
Tgt Ion:105 Resp: 3243698

Ion Ratio Lower Upper

105 100

120 26.5 20.8 31.2

77 16.8 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 96.265 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

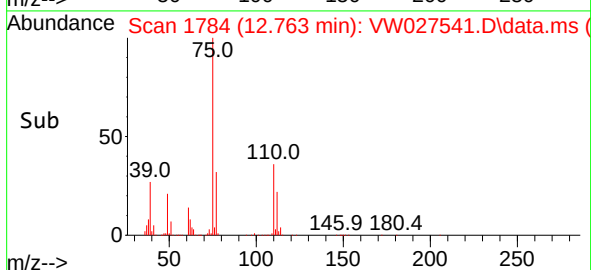
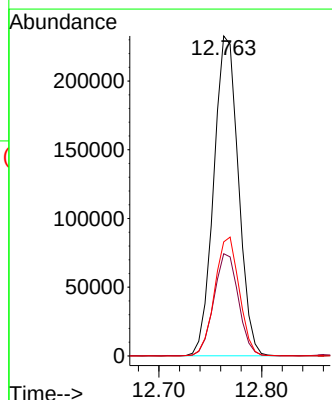
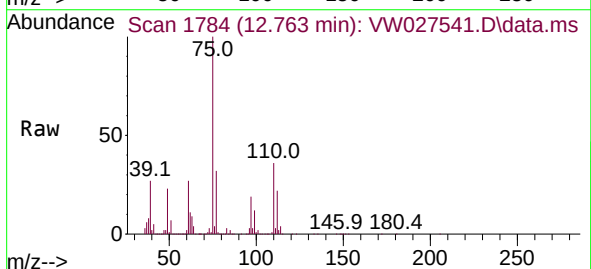
Tgt Ion: 75 Resp: 387384

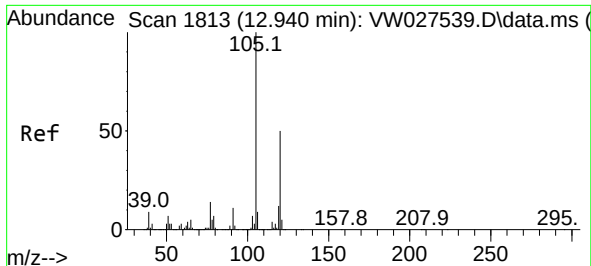
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

110 37.0 28.8 43.2

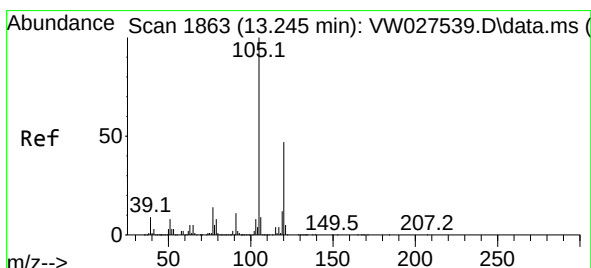
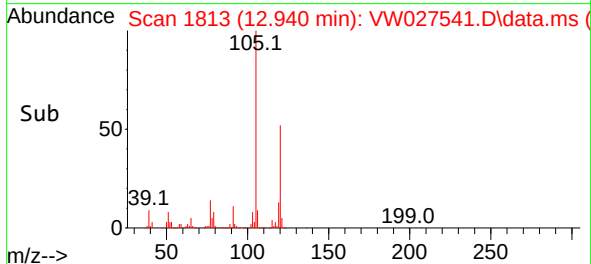
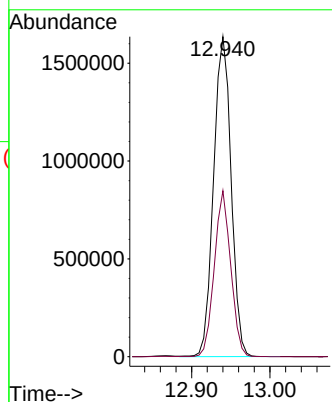
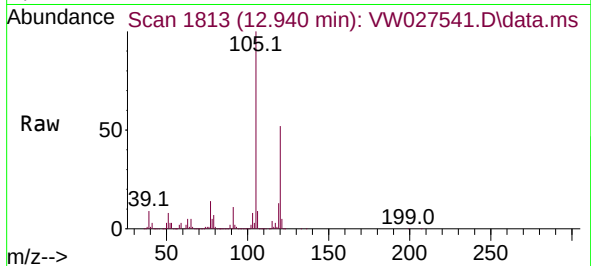




#62  
1,3,5-Trimethylbenzene  
Concen: 104.354 ug/L  
RT: 12.940 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

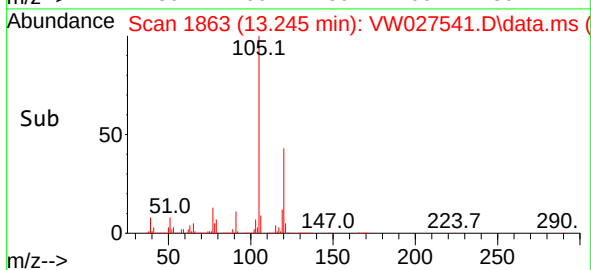
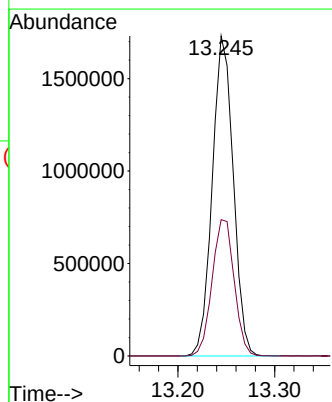
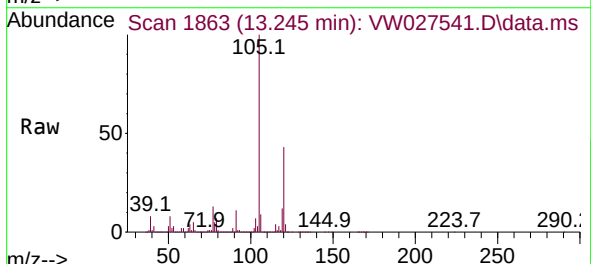
Instrument :  
MSVOA\_W  
ClientSampleId :

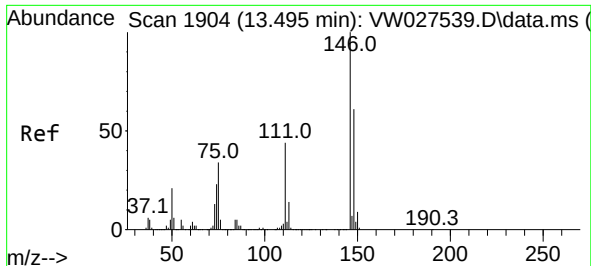
Tgt Ion:105 Resp: 2542092  
Ion Ratio Lower Upper  
105 100  
120 48.6 39.1 58.7



#63  
1,2,4-Trimethylbenzene  
Concen: 104.700 ug/L  
RT: 13.245 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion:105 Resp: 2610145  
Ion Ratio Lower Upper  
105 100  
120 44.8 36.6 54.8

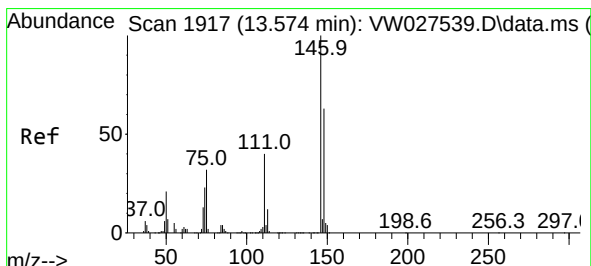
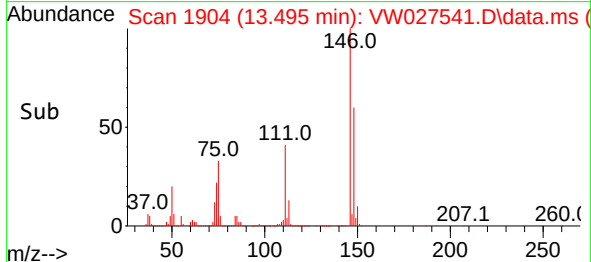
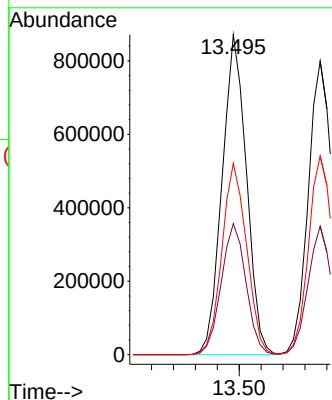
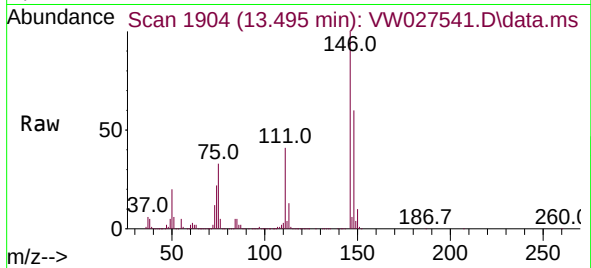




#64  
1,3-Dichlorobenzene  
Concen: 103.568 ug/L  
RT: 13.495 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

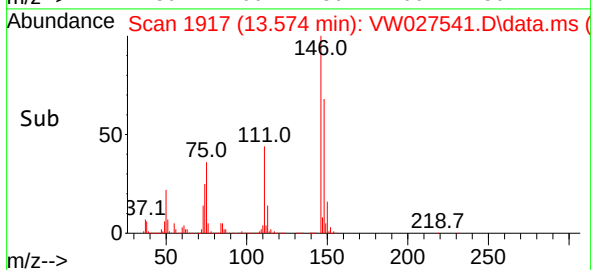
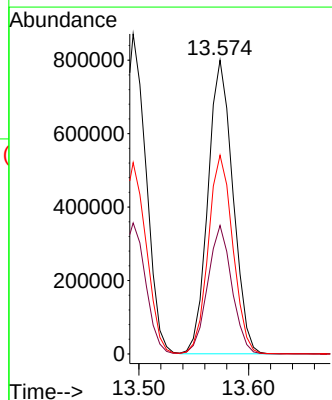
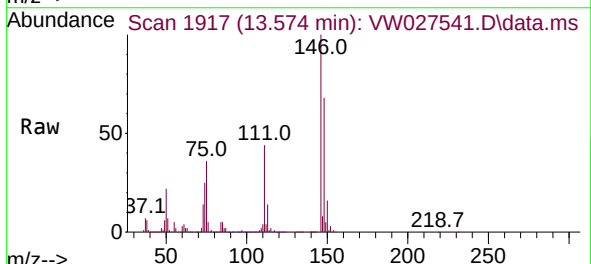
Instrument :  
MSVOA\_W  
ClientSampleId :

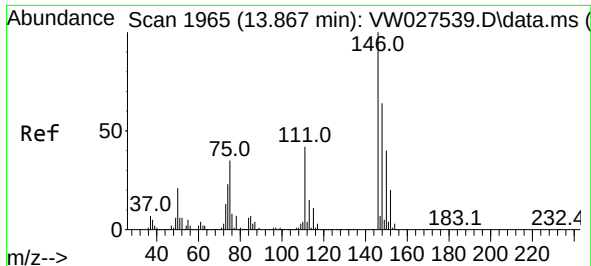
Tgt Ion:146 Resp: 1344655  
Ion Ratio Lower Upper  
146 100  
111 40.9 30.5 56.7  
148 59.8 43.0 79.8



#65  
1,4-Dichlorobenzene  
Concen: 97.200 ug/L  
RT: 13.574 min Scan# 1917  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion:146 Resp: 1264232  
Ion Ratio Lower Upper  
146 100  
111 43.7 27.9 51.9  
148 67.6 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 101.246 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

Instrument :

MSVOA\_W

ClientSampleId :

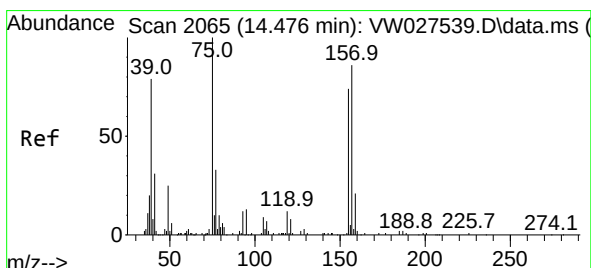
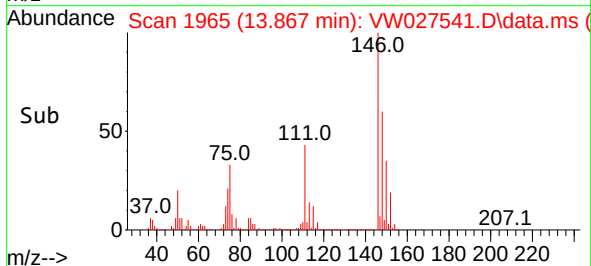
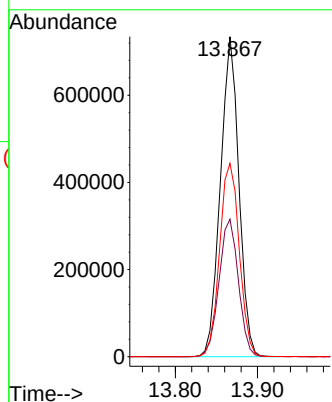
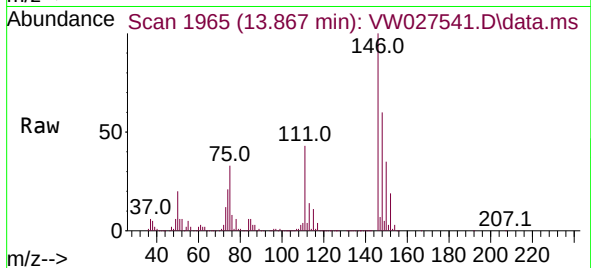
Tgt Ion:146 Resp: 1147046

Ion Ratio Lower Upper

146 100

111 43.0 33.4 50.2

148 60.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 93.301 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

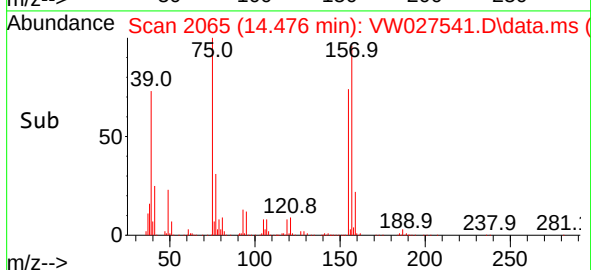
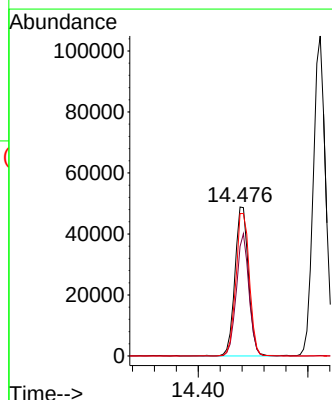
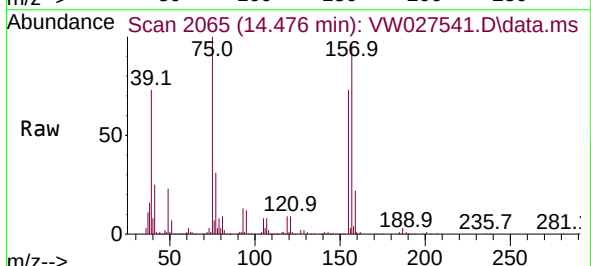
Tgt Ion: 75 Resp: 83804

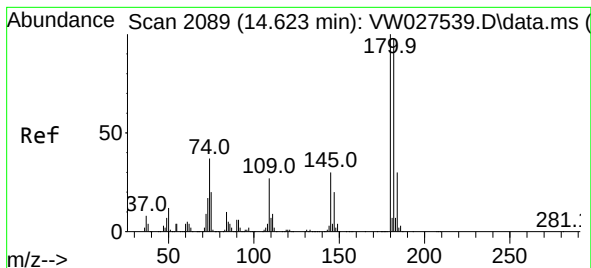
Ion Ratio Lower Upper

75 100

155 73.5 59.0 88.6

157 95.6 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 94.768 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

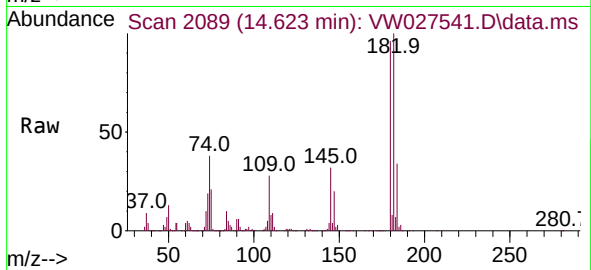
Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion:180 Resp: 789262

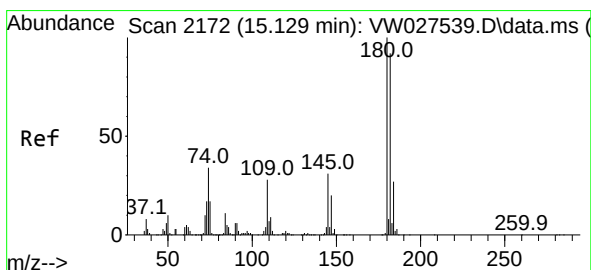
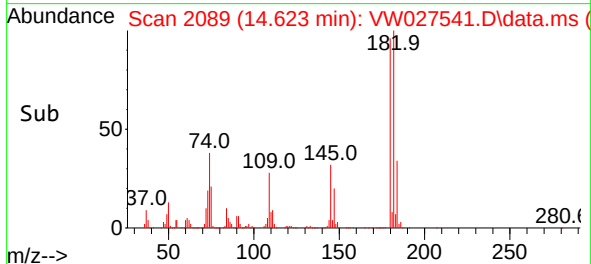
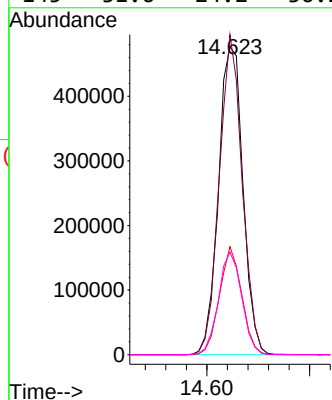
Ion Ratio Lower Upper

180 100

182 96.8 78.4 117.6

184 31.7 23.4 35.0

145 31.6 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 96.144 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027541.D

Acq: 06 Nov 2023 10:31

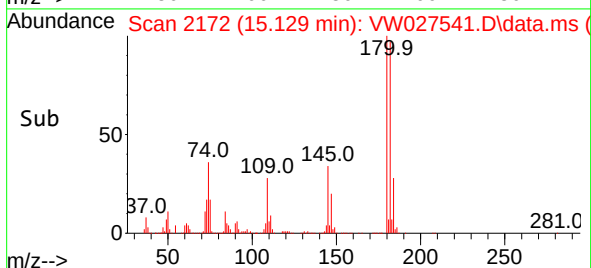
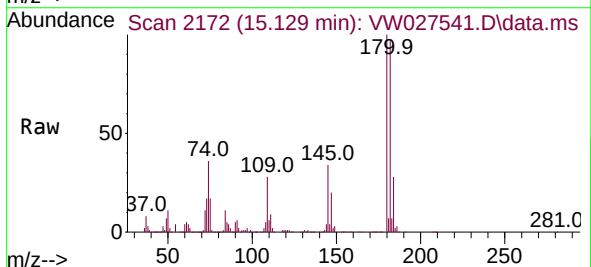
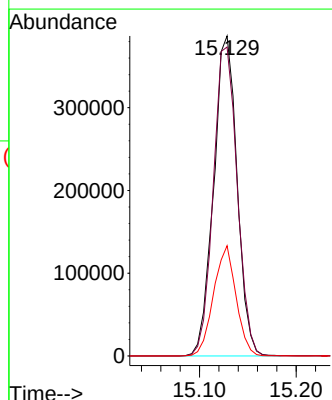
Tgt Ion:180 Resp: 650597

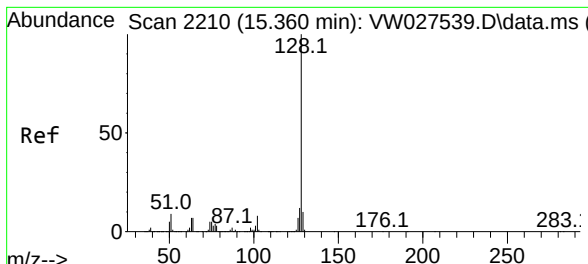
Ion Ratio Lower Upper

180 100

182 98.7 70.3 105.5

145 33.0 24.8 37.2

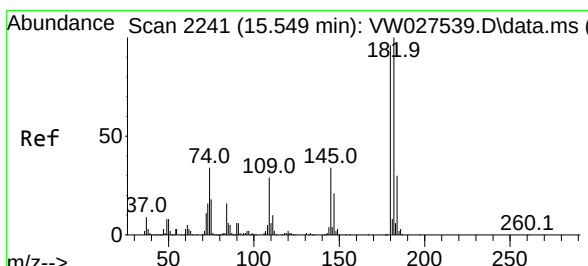
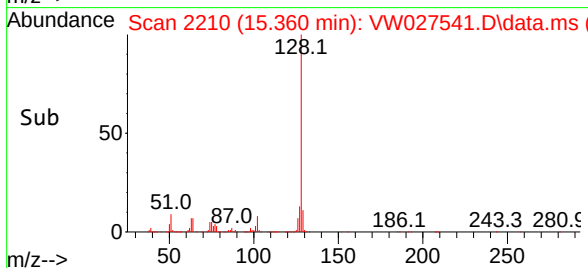
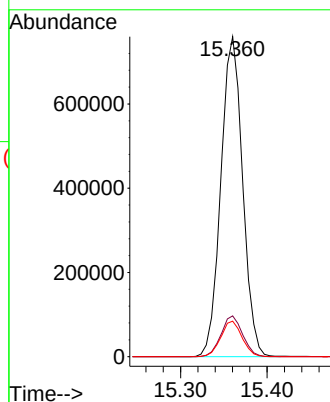
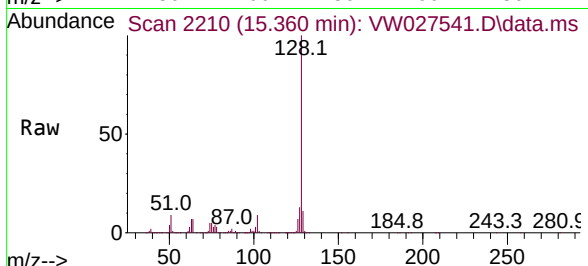




#71  
Naphthalene  
Concen: 105.112 ug/L  
RT: 15.360 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:128 Resp: 1324452  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.4 15.6  
129 10.9 8.6 13.0



#72  
1,2,3-Trichlorobenzene  
Concen: 95.406 ug/L  
RT: 15.549 min Scan# 2241  
Delta R.T. -0.000 min  
Lab File: VW027541.D  
Acq: 06 Nov 2023 10:31

Tgt Ion:180 Resp: 536929  
Ion Ratio Lower Upper  
180 100  
182 96.5 76.5 114.7  
145 34.2 27.5 41.3

