

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110421\  
 Data File : VW020752.D  
 Acq On : 04 Nov 2021 09:25  
 Operator : SY/VA  
 Sample : VSTD00508  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 04 17:02:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Nov 04 17:00:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114  | 525016   | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117  | 483875   | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152  | 260061   | 25.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65   | 29192    | 4.155  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.879  | 69   | 14379    | 5.086  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.026  | 63   | 65205    | 4.927  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.251  | 46   | 93       | 0.040  | ug/L   | 0.17     |
| 24) Chloroform-d              | 7.653  | 84   | 69615    | 4.565  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65   | 38847    | 4.367  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.281  | 84   | 135090   | 4.726  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.281  | 67   | 40778    | 4.421  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 128991   | 4.984  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79   | 19766    | 4.945  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.927 | 63   | 17991    | 10.910 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84   | 34235    | 4.541  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 47418    | 5.110  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.014  | 85   | 4786     | 1.551  | ug/L   | 90       |
| 3) Chloromethane              | 2.215  | 50   | 28848    | 4.402  | ug/L   | 98       |
| 5) Vinyl chloride             | 2.361  | 62   | 40408    | 4.796  | ug/L   | 94       |
| 6) Bromomethane               | 2.776  | 94   | 18803    | 5.751  | ug/L   | 96       |
| 8) Chloroethane               | 2.916  | 64   | 13723    | 5.775  | ug/L   | 93       |
| 9) Trichlorofluoromethane     | 3.263  | 101  | 20768    | 5.738  | ug/L   | 96       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101  | 37011    | 5.343  | ug/L # | 64       |
| 12) 1,1-Dichloroethene        | 4.044  | 96   | 35469    | 5.607  | ug/L   | 86       |
| 13) Acetone                   | 4.123  | 43   | 17767    | 9.374  | ug/L   | 96       |
| 14) Carbon disulfide          | 4.385  | 76   | 112165   | 5.442  | ug/L   | 99       |
| 15) Methyl Acetate            | 4.678  | 43   | 18586    | 4.744  | ug/L   | 98       |
| 16) Methylene chloride        | 4.916  | 84   | 44469    | 5.025  | ug/L   | 94       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96   | 37554    | 5.442  | ug/L   | 88       |
| 18) Methyl tert-butyl Ether   | 5.434  | 73   | 56188    | 5.578  | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 6.220  | 63   | 66477    | 4.757  | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96   | 38672    | 5.455  | ug/L # | 89       |
| 22) 2-Butanone                | 7.183  | 43   | 23281    | 8.974  | ug/L   | 92       |
| 23) Bromochloromethane        | 7.519  | 128  | 17284    | 5.307  | ug/L   | 84       |
| 25) Chloroform                | 7.677  | 83   | 66672    | 4.856  | ug/L   | 96       |
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 43967    | 4.531  | ug/L # | 95       |
| 29) Cyclohexane               | 7.958  | 56   | 69603    | 5.571  | ug/L   | 96       |
| 30) 1,1,1-Trichloroethane     | 7.878  | 97   | 57893    | 5.366  | ug/L   | 96       |
| 31) Carbon tetrachloride      | 8.080  | 117  | 55163    | 5.695  | ug/L   | 100      |
| 33) Benzene                   | 8.330  | 78   | 153380   | 4.973  | ug/L   | 100      |
| 34) Trichloroethene           | 9.098  | 95   | 39947    | 5.328  | ug/L   | 95       |
| 35) Methylcyclohexane         | 9.342  | 83   | 70151    | 5.486  | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 35713    | 4.603  | ug/L # | 94       |
| 38) Bromodichloromethane      | 9.646  | 83   | 49073    | 5.102  | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 59905    | 5.460  | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 53619    | 10.438 | ug/L   | 97       |
| 42) Toluene                   | 10.390 | 91   | 158710   | 5.219  | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 10.610 | 75   | 52443    | 5.298  | ug/L   | 97       |

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 Sample : VSTD00508  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 04 17:02:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Nov 04 17:00:42 2021  
 Response via : Initial Calibration

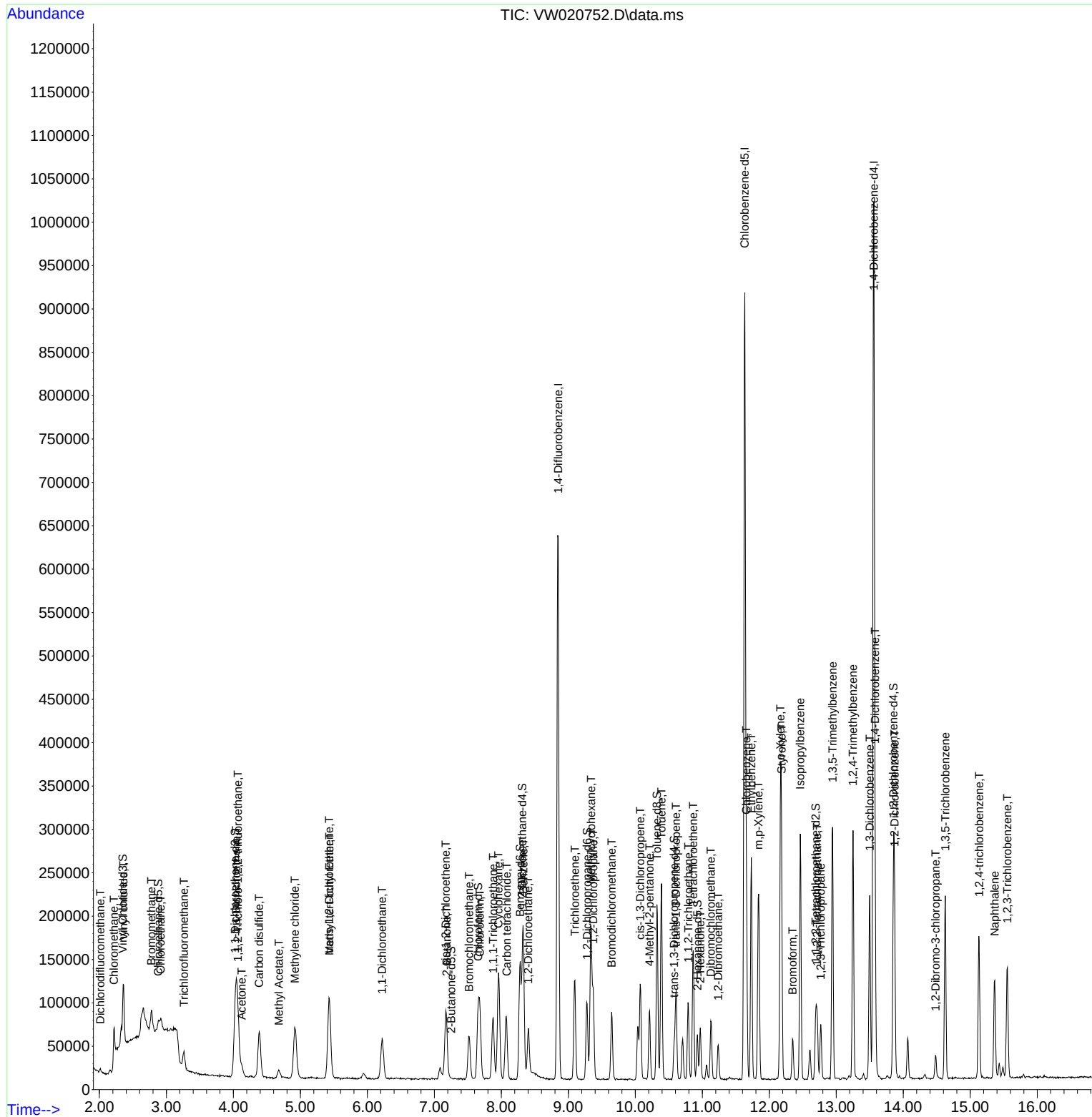
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.793 | 97   | 26369    | 4.971  | ug/L   | 92       |
| 46) Tetrachloroethene         | 10.866 | 164  | 34061    | 5.905  | ug/L   | 90       |
| 48) 2-Hexanone                | 10.969 | 43   | 39145    | 10.267 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.128 | 129  | 34135    | 5.727  | ug/L   | 99       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 27218    | 5.489  | ug/L # | 100      |
| 51) Chlorobenzene             | 11.658 | 112  | 97927    | 5.155  | ug/L   | 94       |
| 52) Ethylbenzene              | 11.731 | 91   | 172845   | 5.206  | ug/L   | 97       |
| 53) m,p-Xylene                | 11.841 | 106  | 68563    | 5.562  | ug/L   | 86       |
| 54) o-Xylene                  | 12.164 | 106  | 65172    | 5.685  | ug/L   | 96       |
| 55) Styrene                   | 12.183 | 104  | 111515   | 5.584  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 32312    | 4.827  | ug/L   | 95       |
| 59) Bromoform                 | 12.347 | 173  | 21246    | 5.791  | ug/L   | 98       |
| 60) Isopropylbenzene          | 12.463 | 105  | 176482   | 5.335  | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 24658    | 4.539  | ug/L   | 95       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 155542   | 5.766  | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 153306   | 5.705  | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 81769    | 5.540  | ug/L   | 95       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 78782    | 5.174  | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 71723    | 5.439  | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 6663     | 5.415  | ug/L # | 83       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 62520    | 5.973  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.133 | 180  | 51664    | 6.161  | ug/L   | 97       |
| 71) Naphthalene               | 15.365 | 128  | 96084    | 6.143  | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 42969    | 5.728  | ug/L   | 99       |

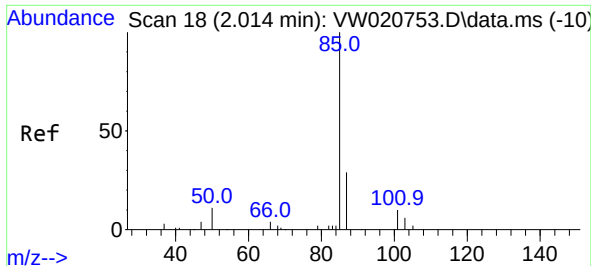
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 Sample : VSTD00508  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
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Quant Time: Nov 04 17:02:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110421SMA.M  
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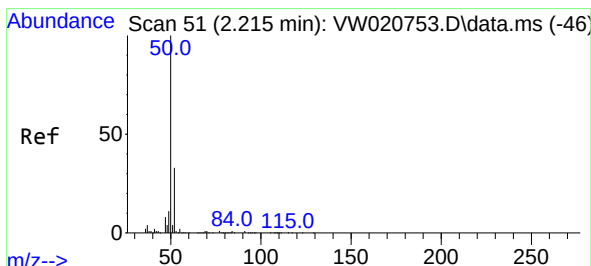
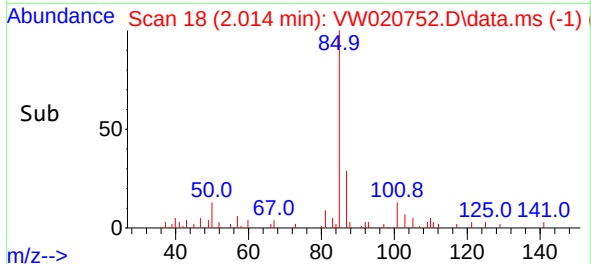
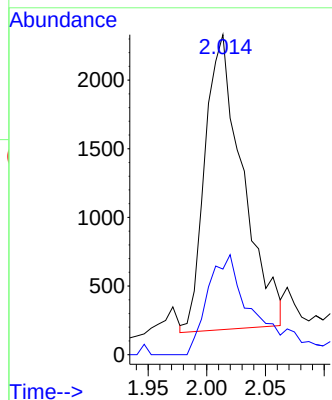
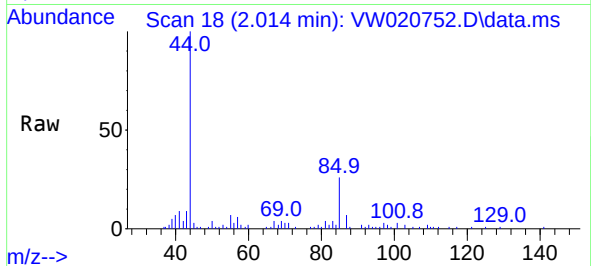




#2  
Dichlorodifluoromethane  
Concen: 1.551 ug/L  
RT: 2.014 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

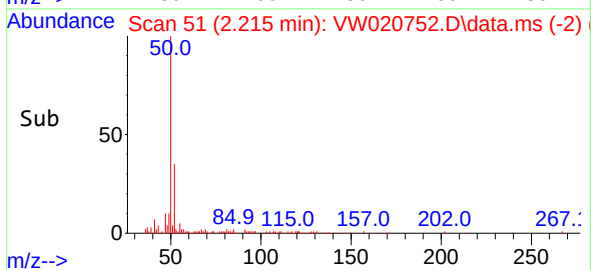
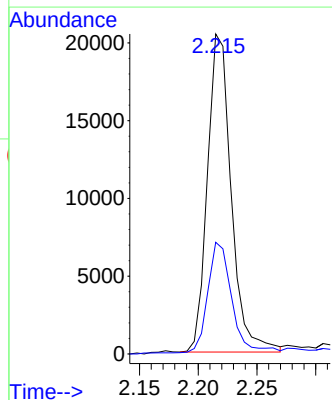
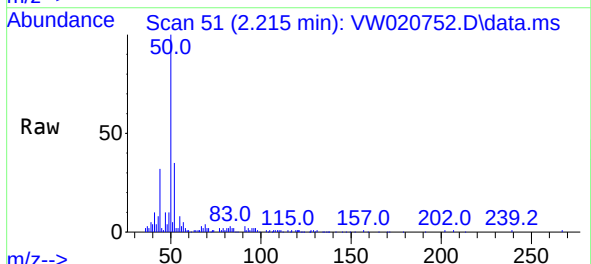
Instrument :  
MSVOA\_W  
ClientSampleId :

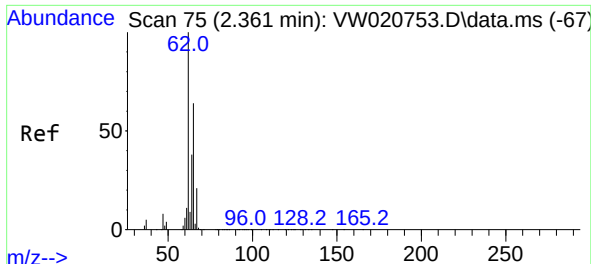
Tgt Ion: 85 Resp: 4786  
Ion Ratio Lower Upper  
85 100  
87 37.7 25.8 38.6



#3  
Chloromethane  
Concen: 4.402 ug/L  
RT: 2.215 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion: 50 Resp: 28848  
Ion Ratio Lower Upper  
50 100  
52 34.9 23.4 43.6

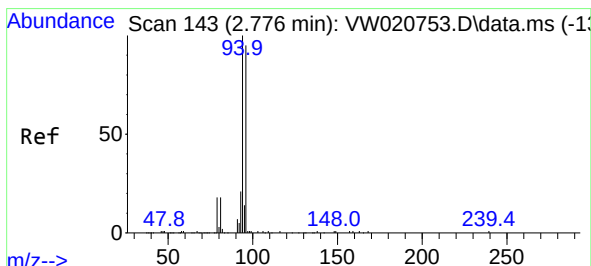
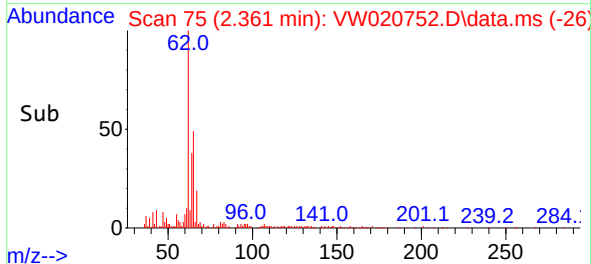
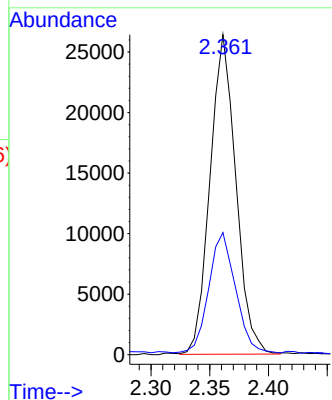
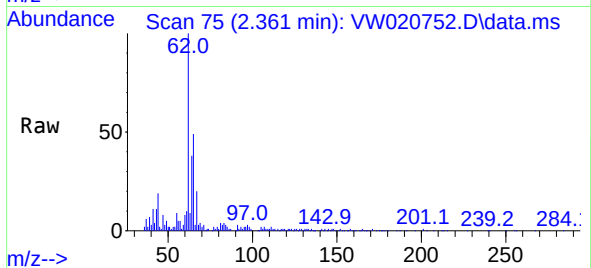




#5  
 Vinyl chloride  
 Concen: 4.796 ug/L  
 RT: 2.361 min Scan# 75  
 Delta R.T. 0.000 min  
 Lab File: VW020752.D  
 Acq: 04 Nov 2021 09:25

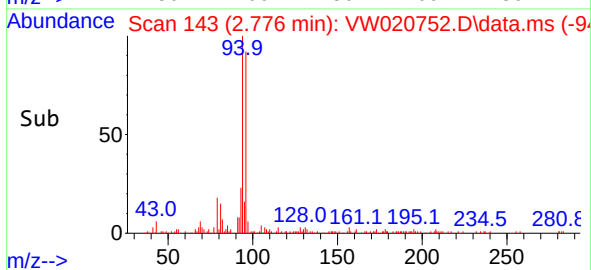
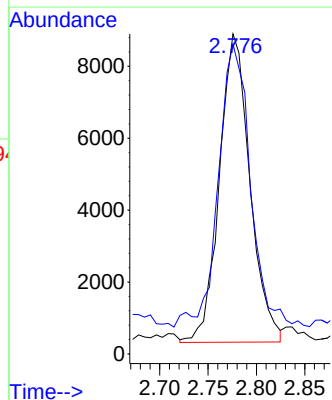
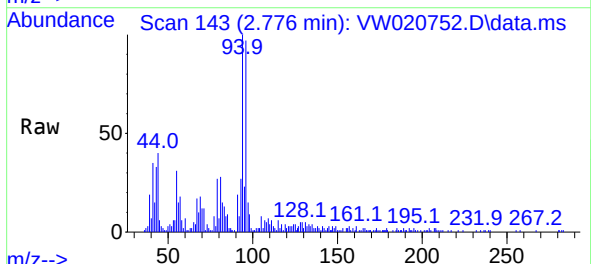
Instrument :  
 MSVOA\_W  
 ClientSampleId :

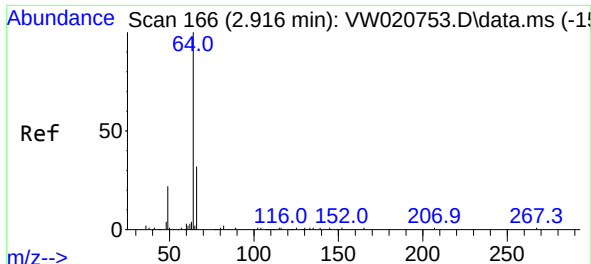
Tgt Ion: 62 Resp: 40408  
 Ion Ratio Lower Upper  
 62 100  
 64 38.1 24.4 45.2



#6  
 Bromomethane  
 Concen: 5.751 ug/L  
 RT: 2.776 min Scan# 143  
 Delta R.T. 0.000 min  
 Lab File: VW020752.D  
 Acq: 04 Nov 2021 09:25

Tgt Ion: 94 Resp: 18803  
 Ion Ratio Lower Upper  
 94 100  
 96 96.8 64.8 120.4

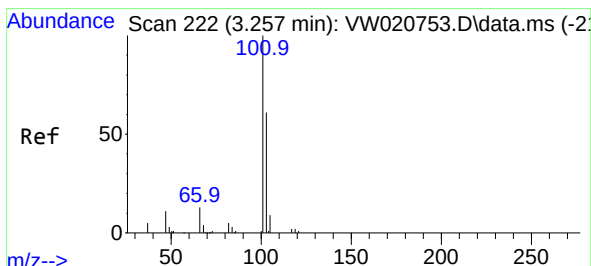
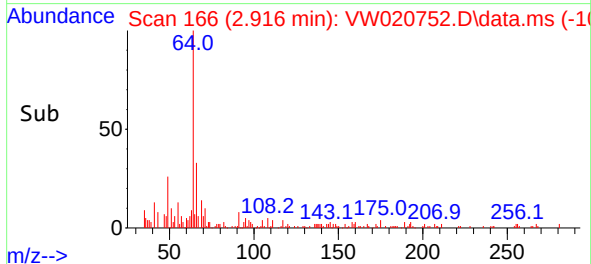
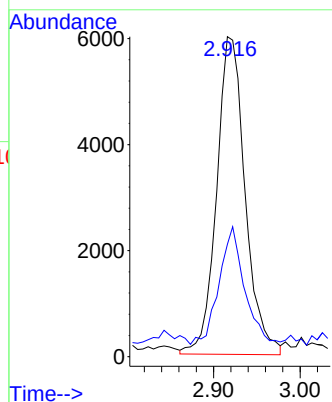
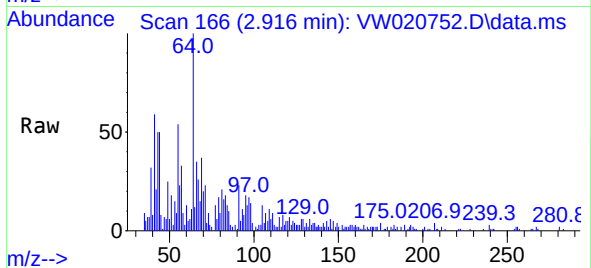




#8  
Chloroethane  
Concen: 5.775 ug/L  
RT: 2.916 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

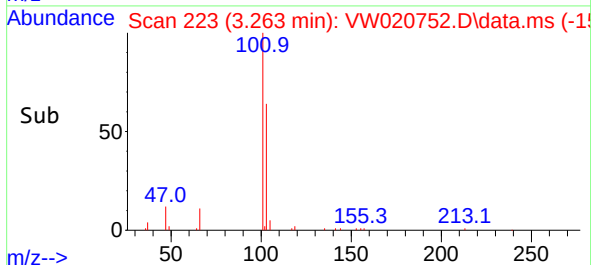
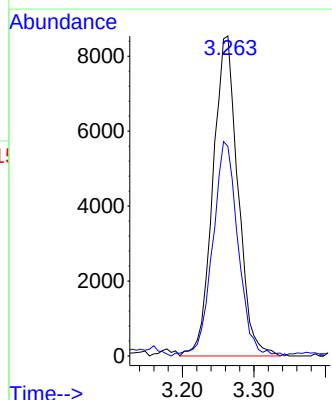
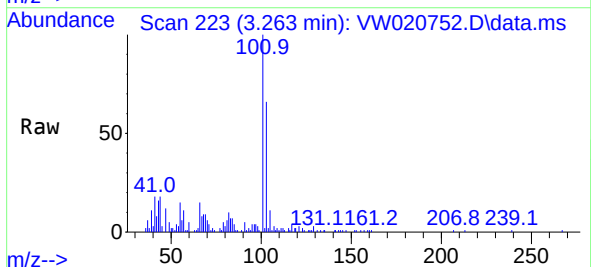
Instrument :  
MSVOA\_W  
ClientSampleId :

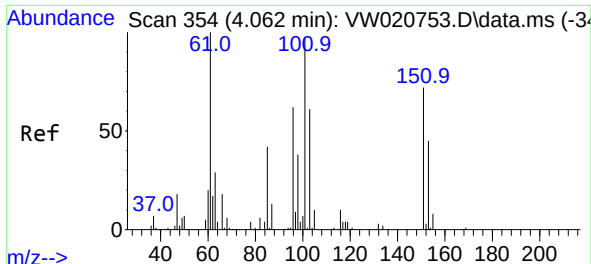
Tgt Ion: 64 Resp: 13723  
Ion Ratio Lower Upper  
64 100  
66 35.1 22.0 40.8



#9  
Trichlorofluoromethane  
Concen: 5.738 ug/L  
RT: 3.263 min Scan# 223  
Delta R.T. 0.006 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion:101 Resp: 20768  
Ion Ratio Lower Upper  
101 100  
103 67.3 51.4 77.2

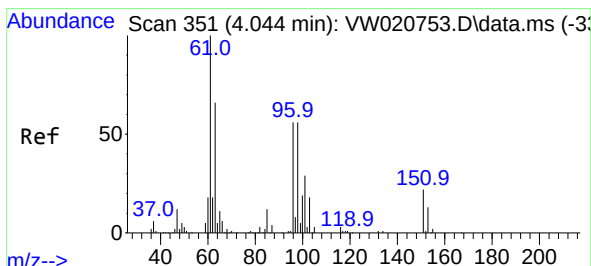
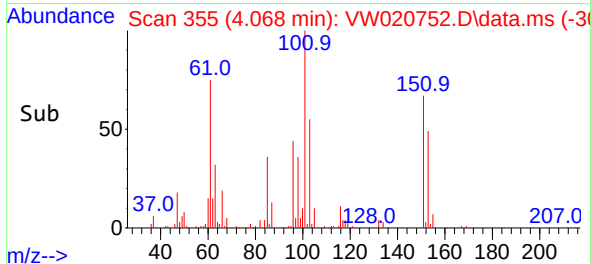
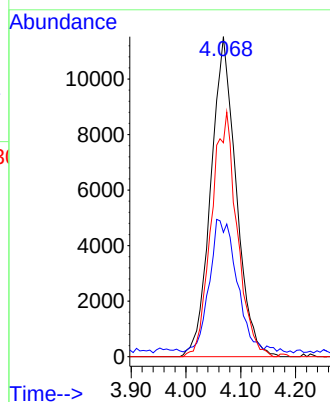
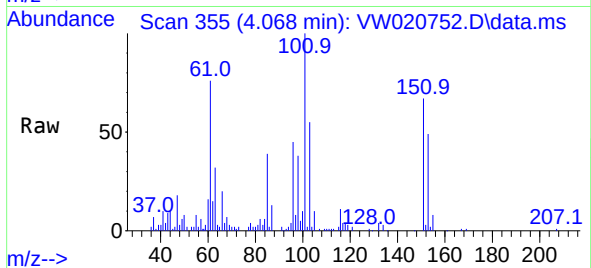




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 5.343 ug/L  
RT: 4.068 min Scan# 310  
Delta R.T. 0.006 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

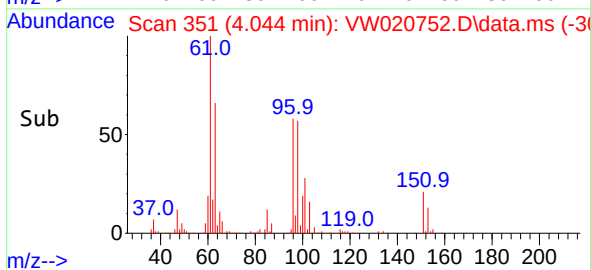
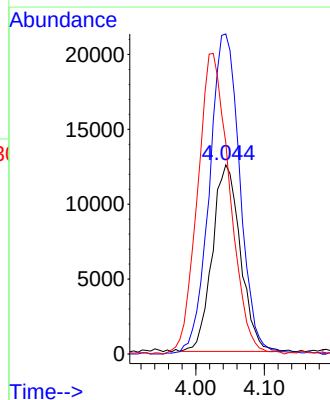
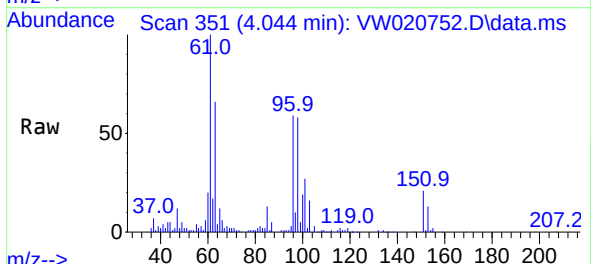
Instrument :  
MSVOA\_W  
ClientSampleId :

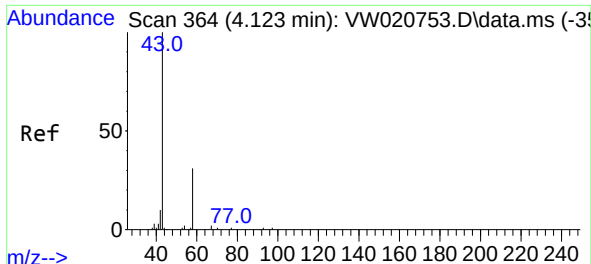
Tgt Ion:101 Resp: 37011  
Ion Ratio Lower Upper  
101 100  
85 24.1 36.6 54.8#  
151 39.9 57.4 86.0#



#12  
1,1-Dichloroethene  
Concen: 5.607 ug/L  
RT: 4.044 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion: 96 Resp: 35469  
Ion Ratio Lower Upper  
96 100  
61 169.3 138.3 256.9  
63 111.8 82.6 153.4

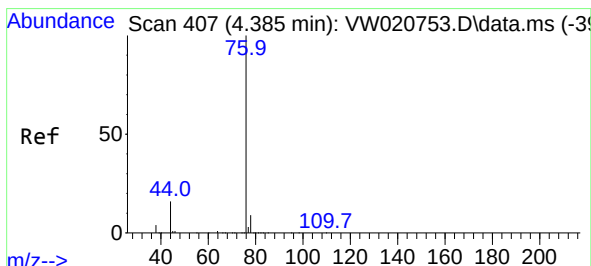
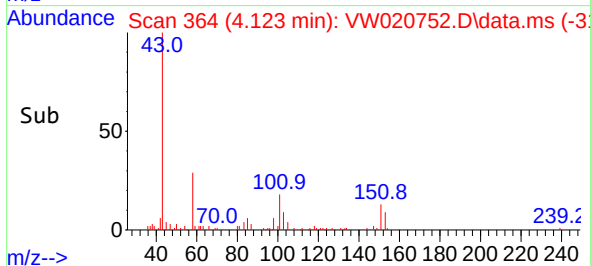
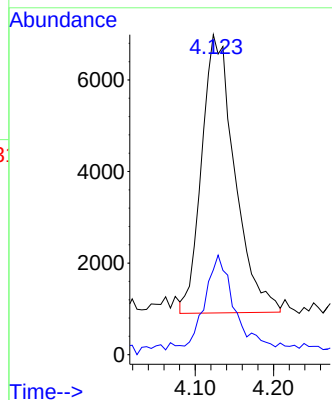
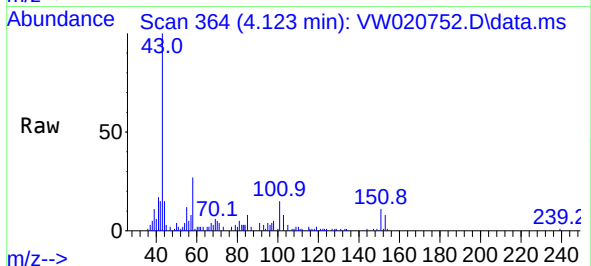




#13  
Acetone  
Concen: 9.374 ug/L  
RT: 4.123 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
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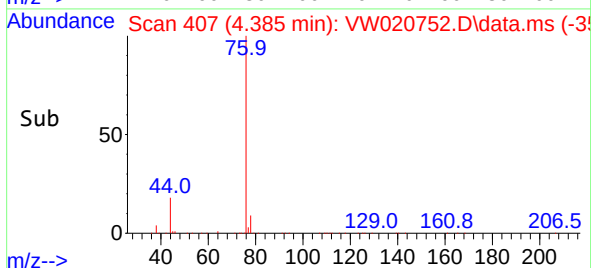
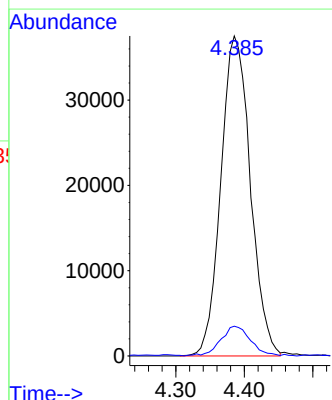
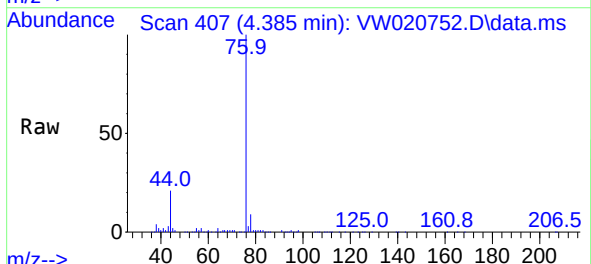
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 43 Resp: 17767  
Ion Ratio Lower Upper  
43 100  
58 28.5 0.0 52.8

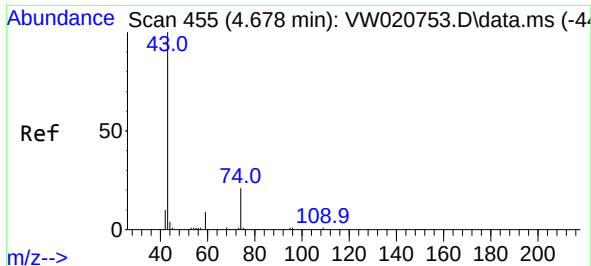


#14  
Carbon disulfide  
Concen: 5.442 ug/L  
RT: 4.385 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion: 76 Resp: 112165  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.1 10.7



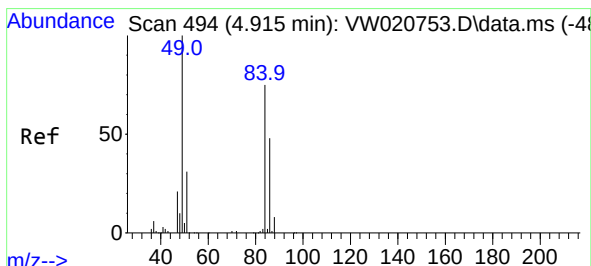
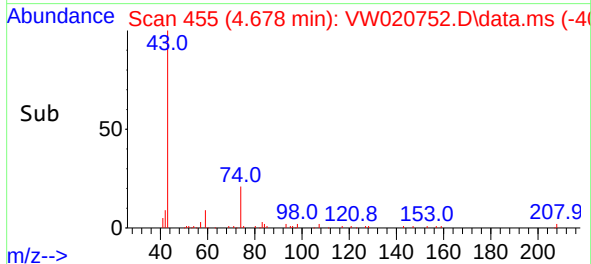
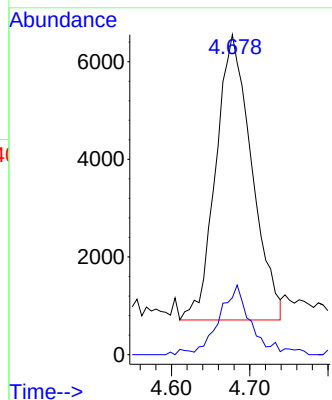
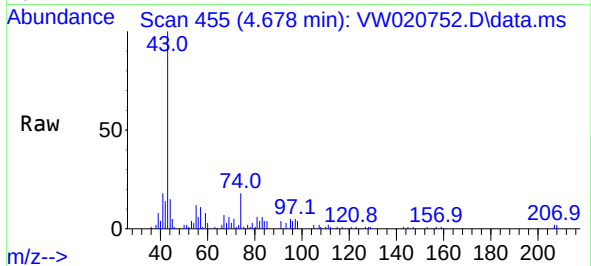




#15  
Methyl Acetate  
Concen: 4.744 ug/L  
RT: 4.678 min Scan# 415  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

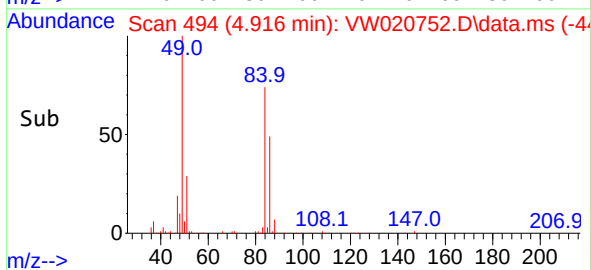
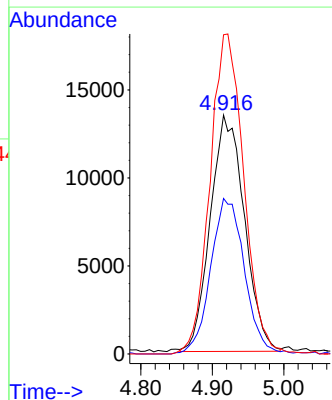
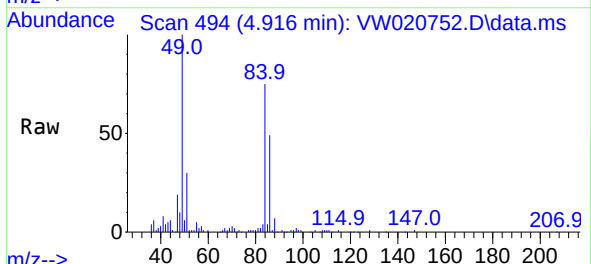
Instrument :  
MSVOA\_W  
ClientSampleId :

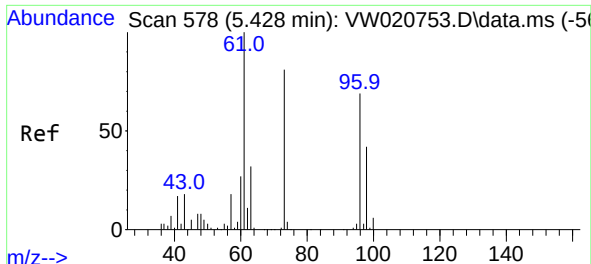
Tgt Ion: 43 Resp: 18586  
Ion Ratio Lower Upper  
43 100  
74 19.7 16.4 24.6



#16  
Methylene chloride  
Concen: 5.025 ug/L  
RT: 4.916 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

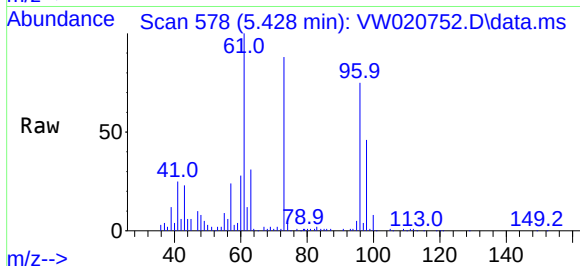
Tgt Ion: 84 Resp: 44469  
Ion Ratio Lower Upper  
84 100  
86 65.1 45.5 84.5  
49 133.6 100.5 186.7





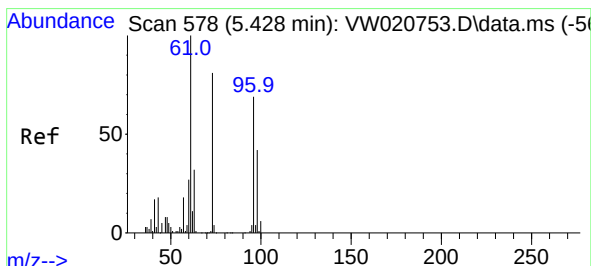
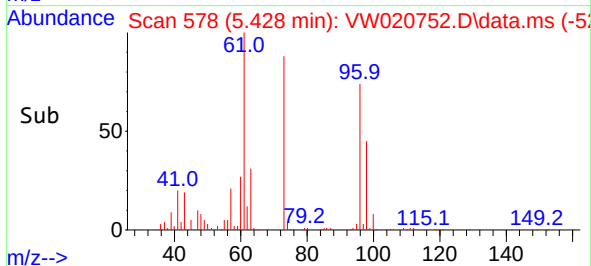
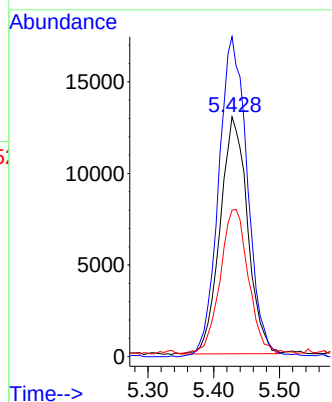
#17  
trans-1,2-Dichloroethene  
Concen: 5.442 ug/L  
RT: 5.428 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 96 Resp: 37554

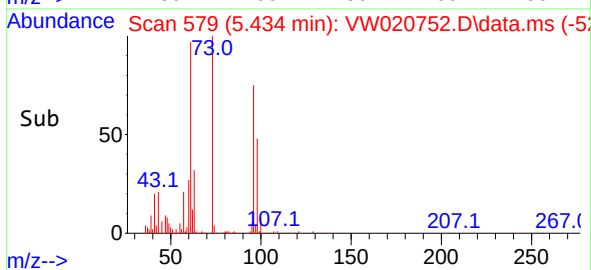
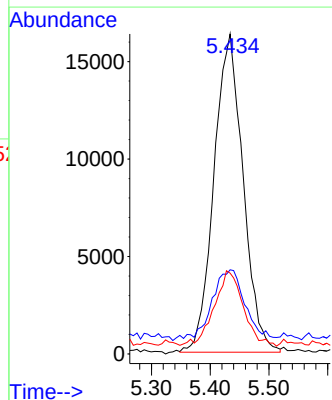
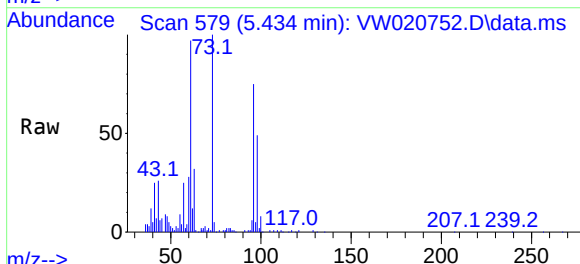
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 133.5 | 107.4 | 199.4 |
| 98  | 61.1  | 41.2  | 76.6  |

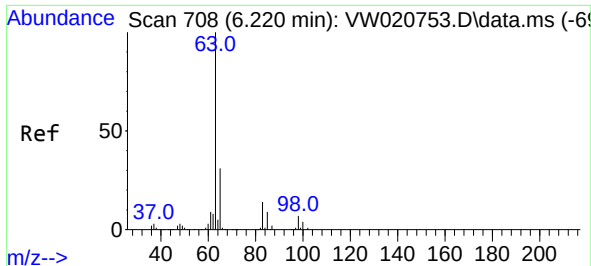


#18  
Methyl tert-butyl Ether  
Concen: 5.578 ug/L  
RT: 5.434 min Scan# 579  
Delta R.T. 0.006 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion: 73 Resp: 56188

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 22.1  | 19.5  | 29.3  |
| 57  | 21.0  | 19.3  | 28.9  |





#19

1,1-Dichloroethane

Concen: 4.757 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW020752.D

Acq: 04 Nov 2021 09:25

Instrument :

MSVOA\_W

ClientSampleId :

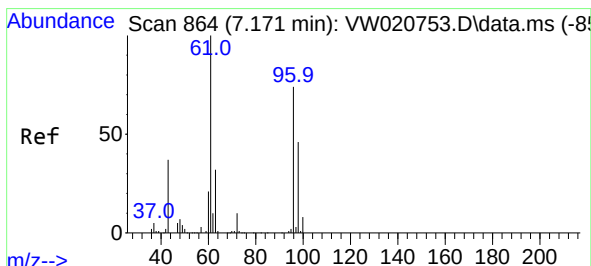
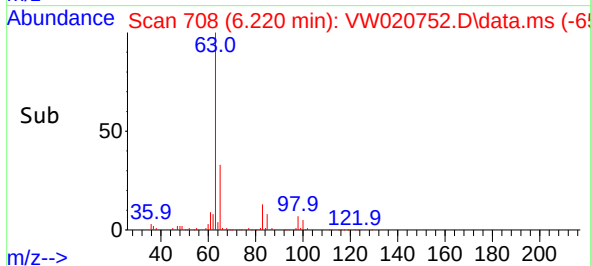
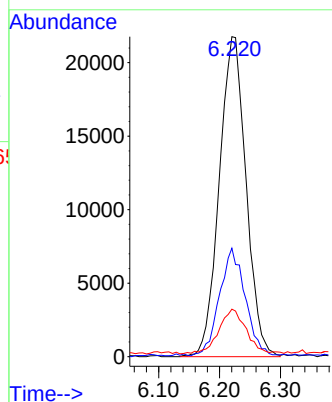
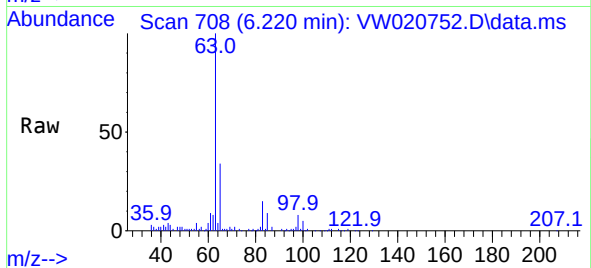
Tgt Ion: 63 Resp: 66477

Ion Ratio Lower Upper

63 100

65 33.9 22.1 41.1

83 14.8 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 5.455 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020752.D

Acq: 04 Nov 2021 09:25

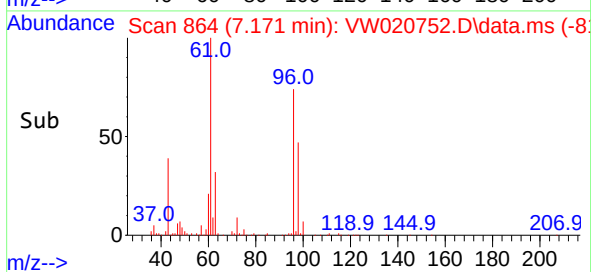
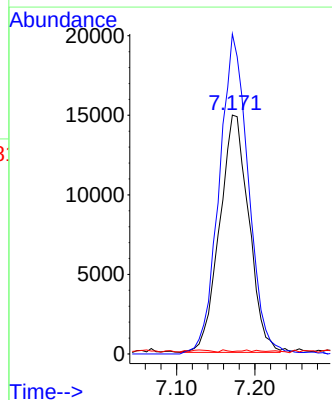
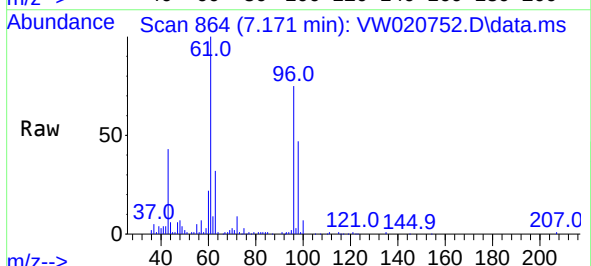
Tgt Ion: 96 Resp: 38672

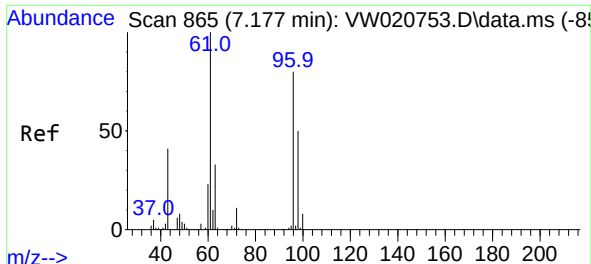
Ion Ratio Lower Upper

96 100

61 134.0 103.7 192.7

68 1.0 0.0 0.0#

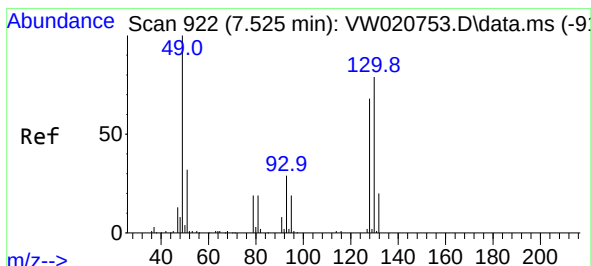
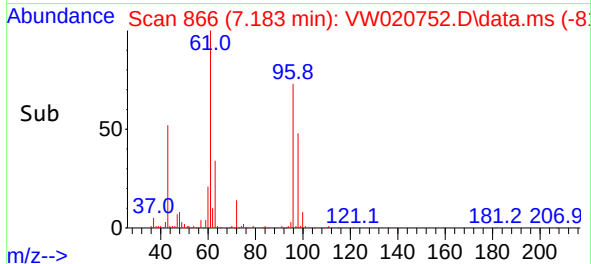
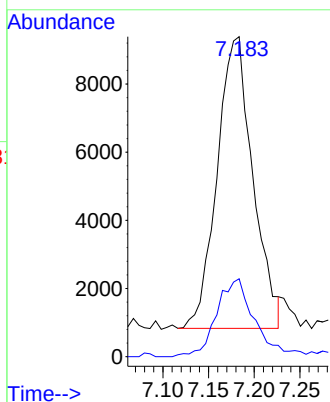
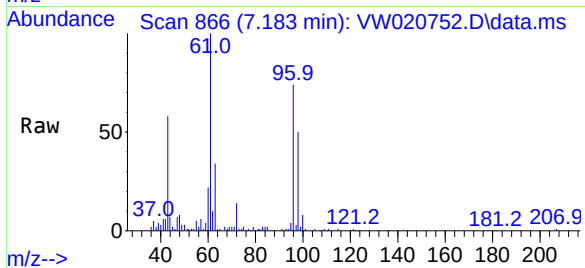




#22  
2-Butanone  
Concen: 8.974 ug/L  
RT: 7.183 min Scan# 866  
Delta R.T. 0.006 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

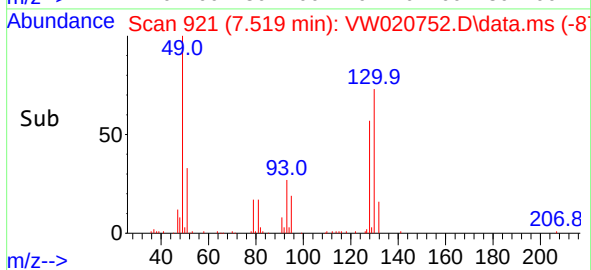
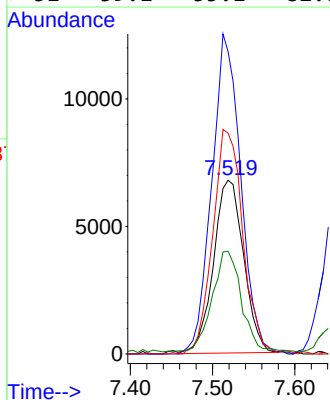
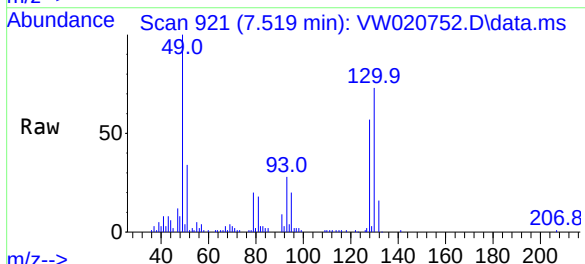
Instrument :  
MSVOA\_W  
ClientSampleId :

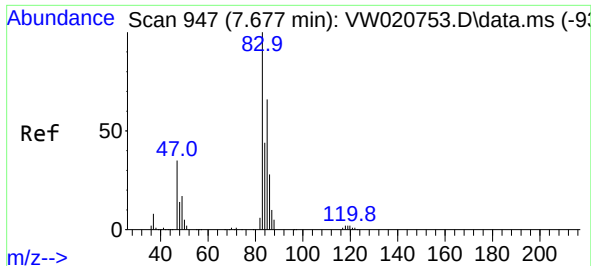
Tgt Ion: 43 Resp: 23281  
Ion Ratio Lower Upper  
43 100  
72 27.4 11.8 35.4



#23  
Bromochloromethane  
Concen: 5.307 ug/L  
RT: 7.519 min Scan# 921  
Delta R.T. -0.006 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion: 128 Resp: 17284  
Ion Ratio Lower Upper  
128 100  
49 173.9 150.3 279.1  
130 127.0 88.3 163.9  
51 59.1 55.1 82.7





#25

Chloroform

Concen: 4.856 ug/L

RT: 7.677 min Scan# 94

Delta R.T. 0.000 min

Lab File: VW020752.D

Acq: 04 Nov 2021 09:25

Instrument :

MSVOA\_W

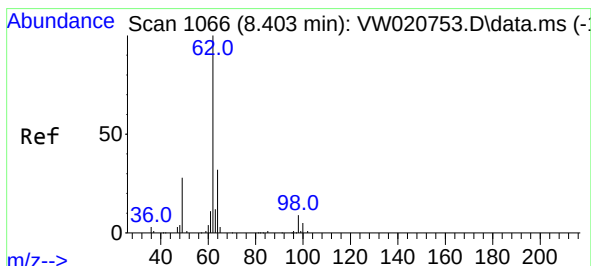
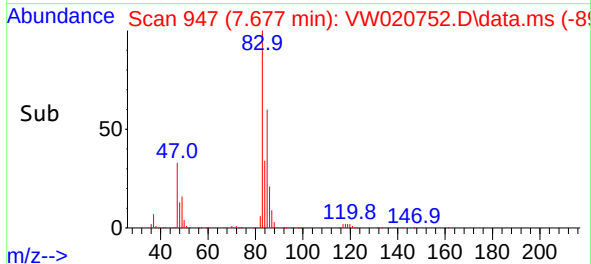
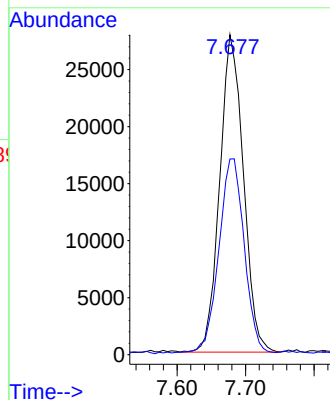
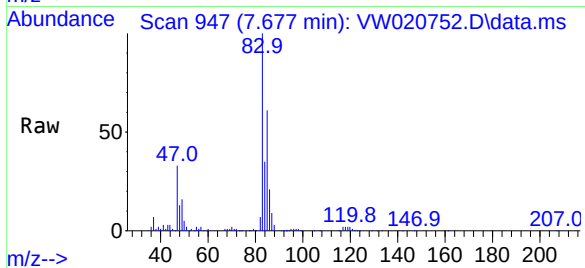
ClientSampleId :

Tgt Ion: 83 Resp: 66672

Ion Ratio Lower Upper

83 100

85 61.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.531 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW020752.D

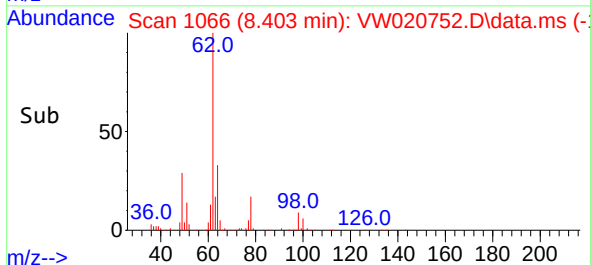
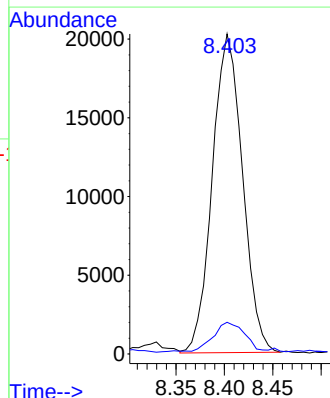
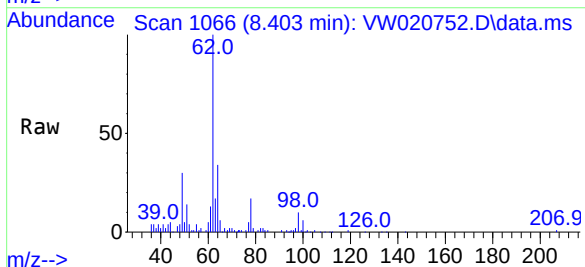
Acq: 04 Nov 2021 09:25

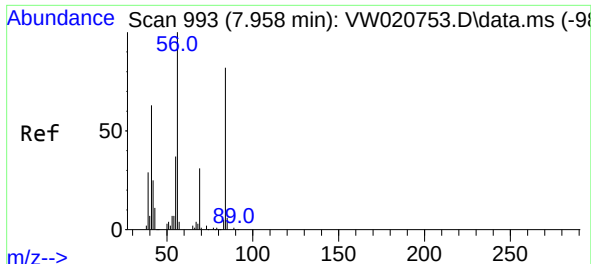
Tgt Ion: 62 Resp: 43967

Ion Ratio Lower Upper

62 100

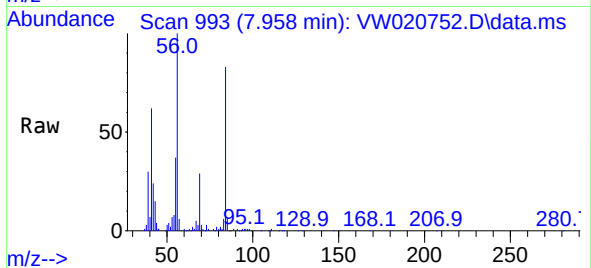
98 9.9 6.5 9.7#





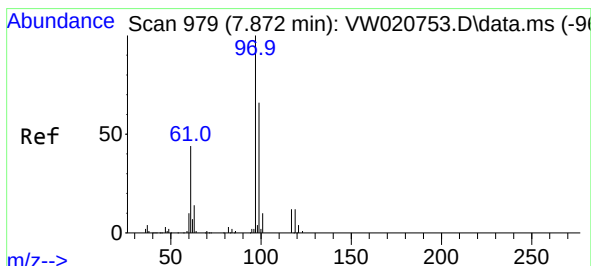
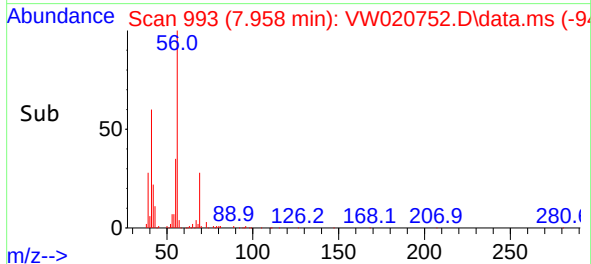
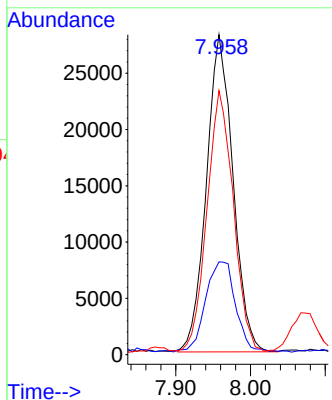
#29  
Cyclohexane  
Concen: 5.571 ug/L  
RT: 7.958 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion: 56 Resp: 69603

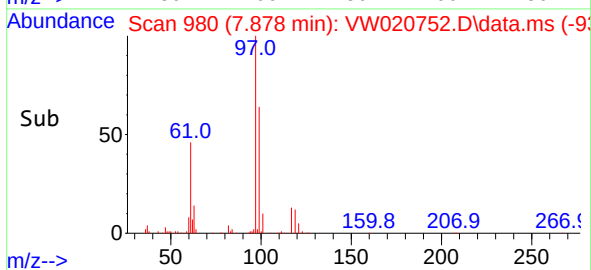
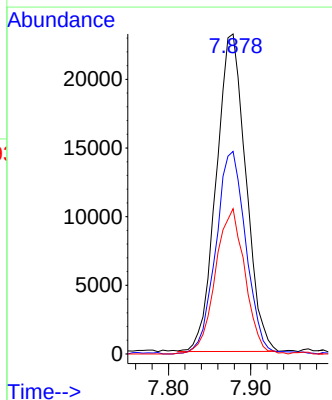
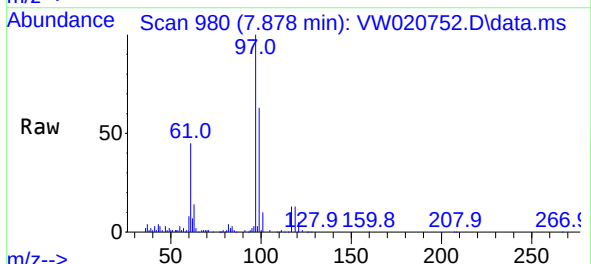
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.5  | 23.5  | 35.3  |
| 84  | 82.6  | 63.4  | 95.2  |

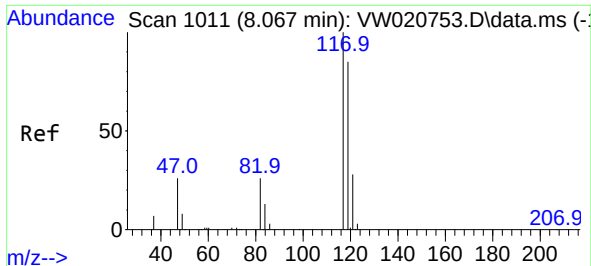


#30  
1,1,1-Trichloroethane  
Concen: 5.366 ug/L  
RT: 7.878 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion: 97 Resp: 57893

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 65.0  | 51.6  | 77.4  |
| 61  | 45.6  | 40.9  | 61.3  |

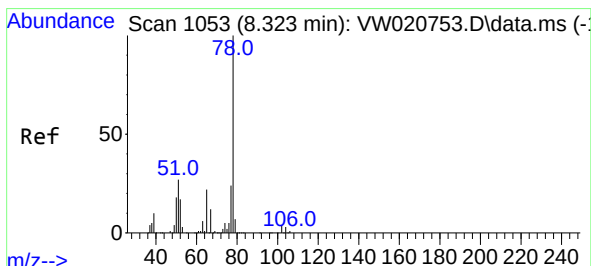
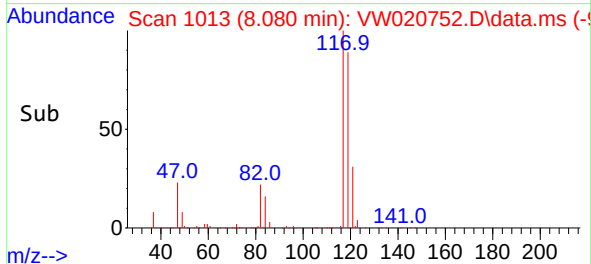
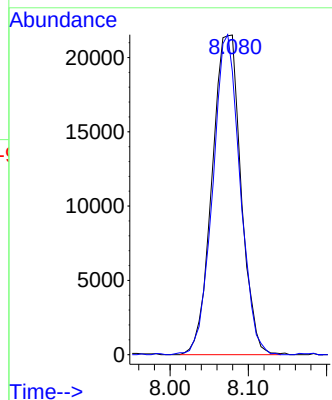
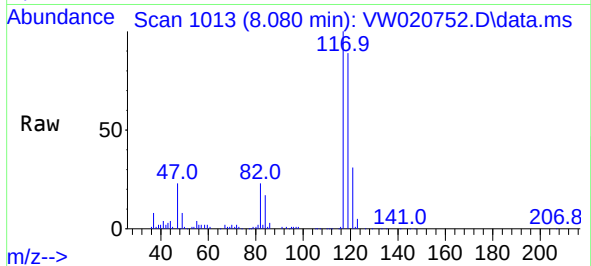




#31  
Carbon tetrachloride  
Concen: 5.695 ug/L  
RT: 8.080 min Scan# 1011  
Delta R.T. 0.012 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

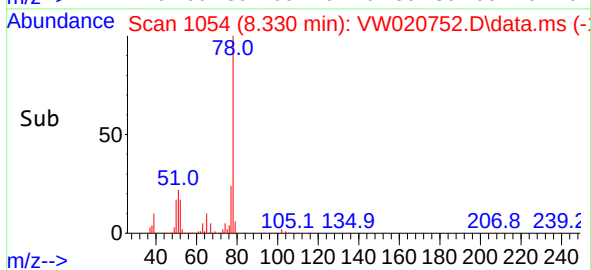
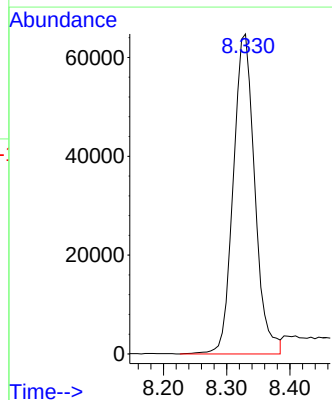
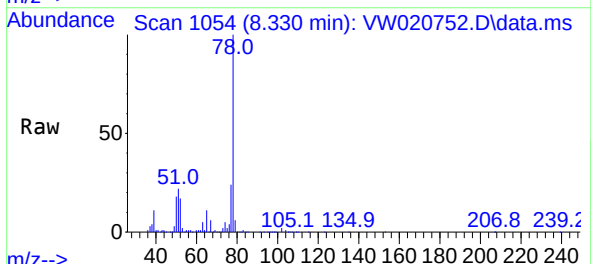
Instrument :  
MSVOA\_W  
ClientSampleId :

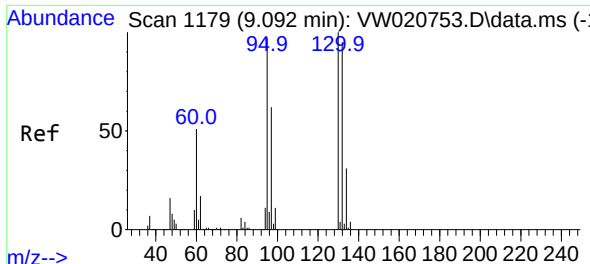
Tgt Ion:117 Resp: 55163  
Ion Ratio Lower Upper  
117 100  
119 94.3 75.7 113.5



#33  
Benzene  
Concen: 4.973 ug/L  
RT: 8.330 min Scan# 1054  
Delta R.T. 0.006 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

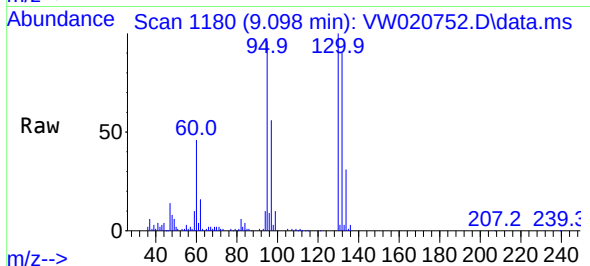
Tgt Ion: 78 Resp: 153380



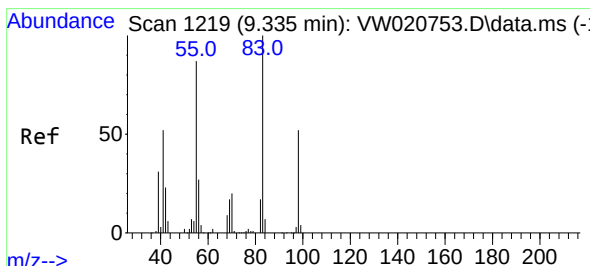
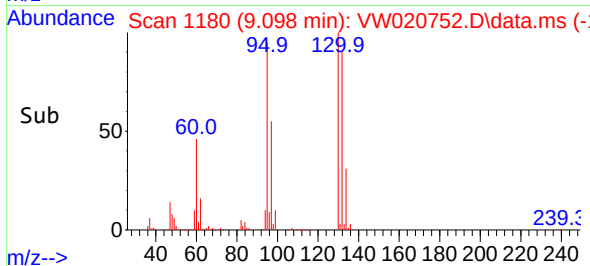
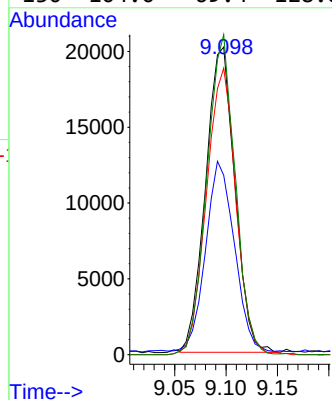


#34  
Trichloroethene  
Concen: 5.328 ug/L  
RT: 9.098 min Scan# 1179  
Delta R.T. 0.006 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Instrument :  
MSVOA\_W  
ClientSampleId :

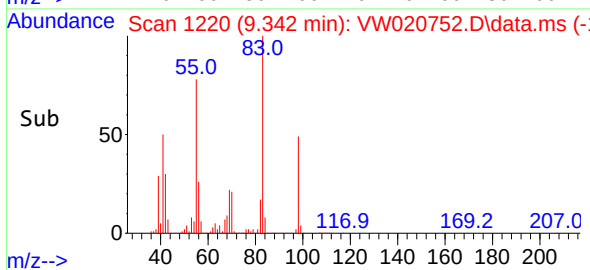
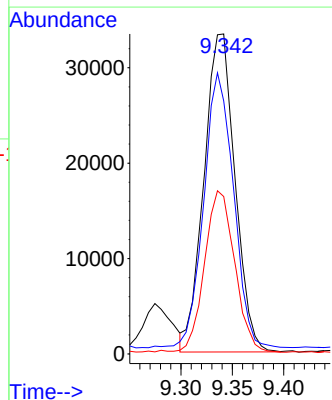
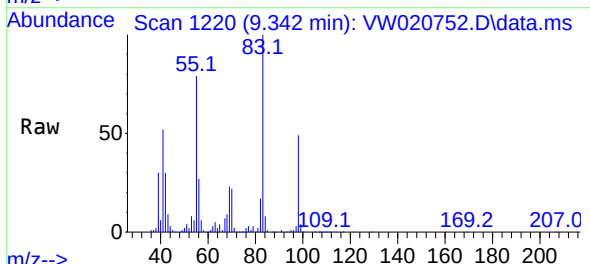


Tgt Ion: 95 Resp: 39947  
Ion Ratio Lower Upper  
95 100  
97 58.3 47.0 87.2  
132 93.1 65.5 121.6  
130 104.0 69.4 128.8

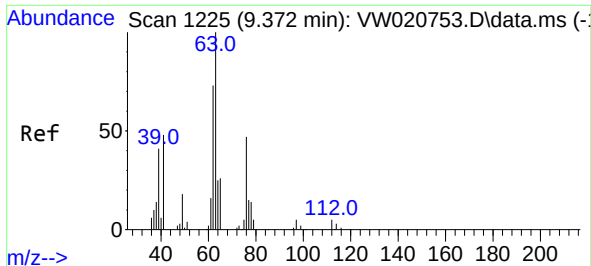


#35  
Methylcyclohexane  
Concen: 5.486 ug/L  
RT: 9.342 min Scan# 1220  
Delta R.T. 0.006 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion: 83 Resp: 70151  
Ion Ratio Lower Upper  
83 100  
55 84.2 70.8 106.2  
98 49.1 37.7 56.5







#37

1,2-Dichloropropane

Concen: 4.603 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020752.D

Acq: 04 Nov 2021 09:25

Instrument :

MSVOA\_W

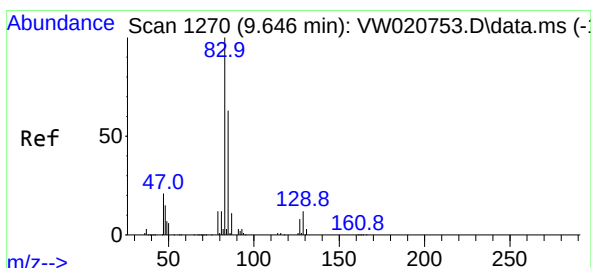
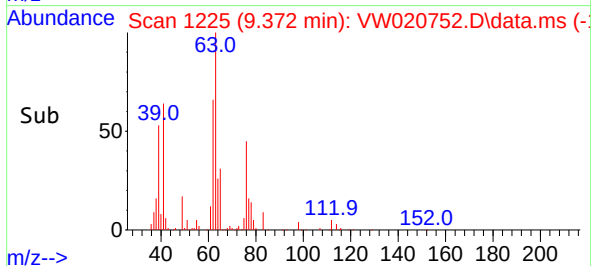
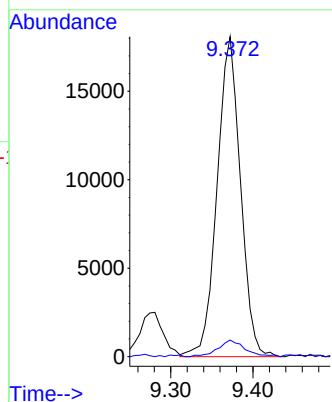
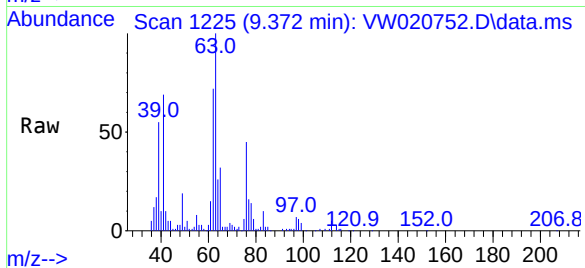
ClientSampleId :

Tgt Ion: 63 Resp: 35713

Ion Ratio Lower Upper

63 100

112 5.8 3.2 4.8#



#38

Bromodichloromethane

Concen: 5.102 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020752.D

Acq: 04 Nov 2021 09:25

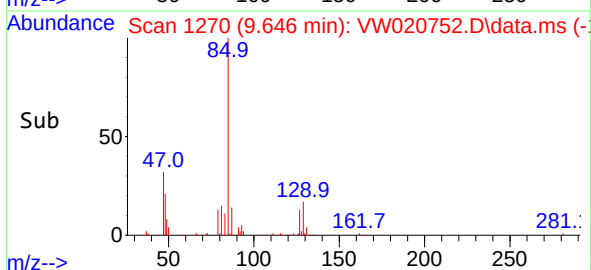
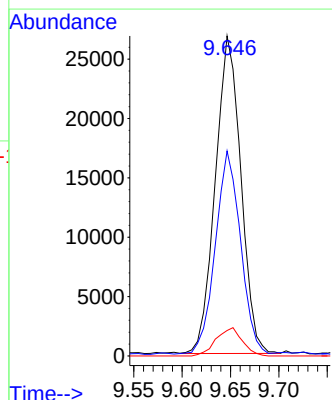
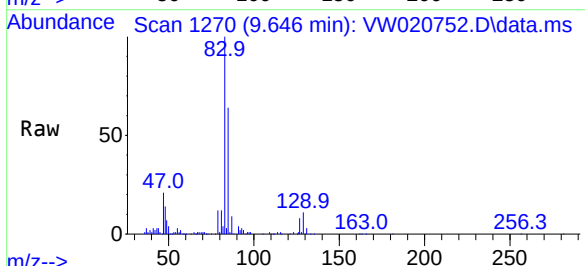
Tgt Ion: 83 Resp: 49073

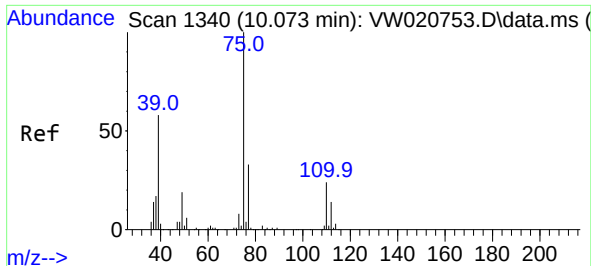
Ion Ratio Lower Upper

83 100

85 64.1 44.1 81.9

127 8.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.460 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW020752.D

Acq: 04 Nov 2021 09:25

Instrument :

MSVOA\_W

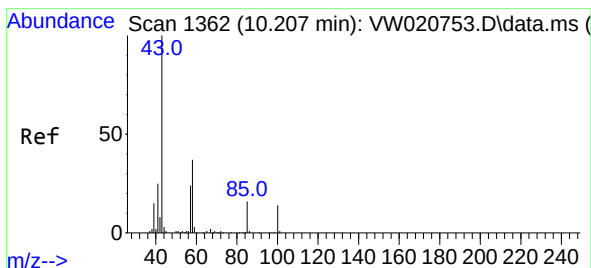
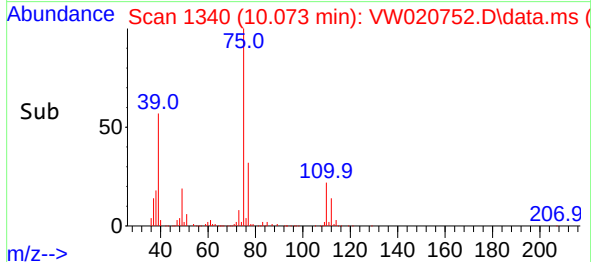
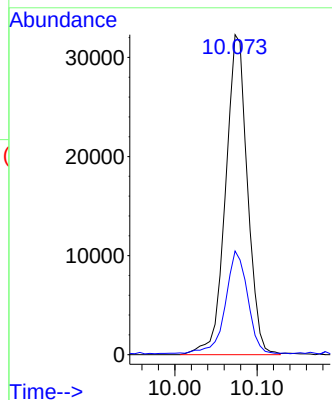
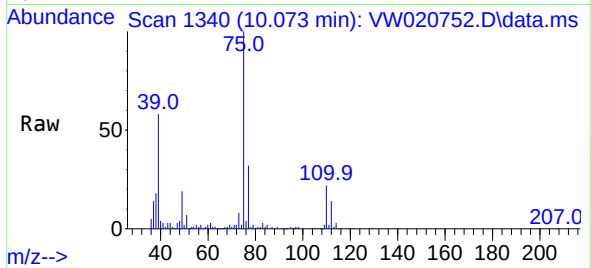
ClientSampleId :

Tgt Ion: 75 Resp: 59905

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 10.438 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW020752.D

Acq: 04 Nov 2021 09:25

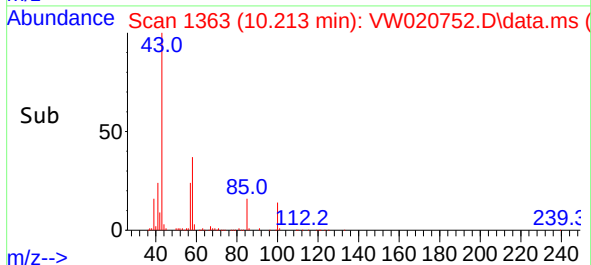
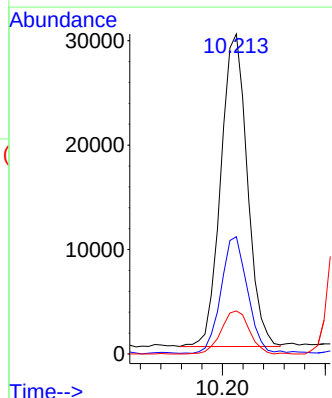
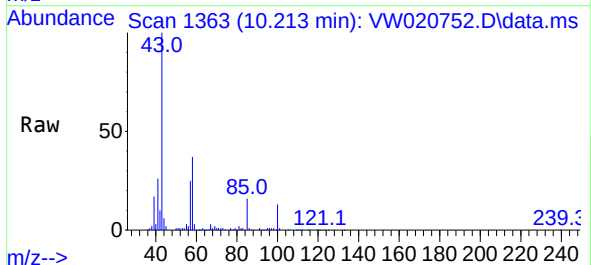
Tgt Ion: 43 Resp: 53619

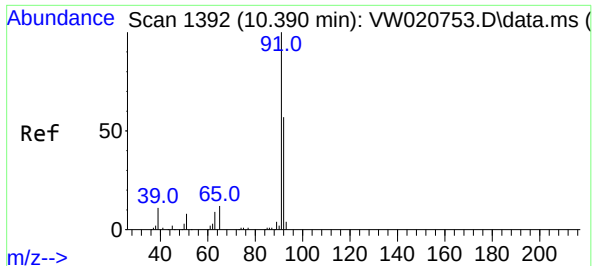
Ion Ratio Lower Upper

43 100

58 37.1 28.8 43.2

100 14.6 10.0 15.0

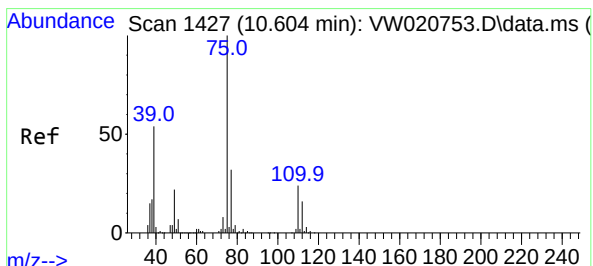
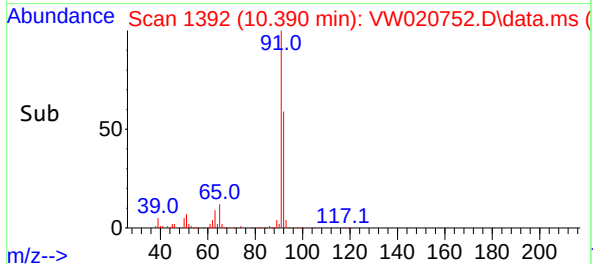
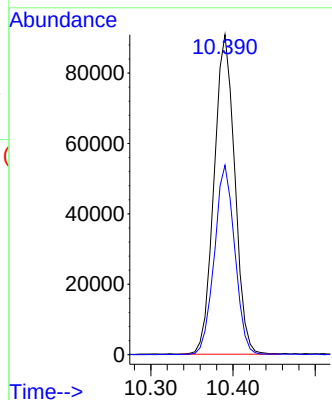
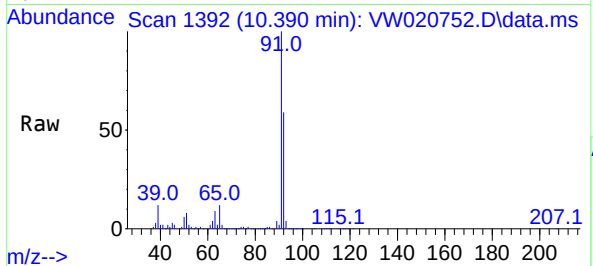




#42  
Toluene  
Concen: 5.219 ug/L  
RT: 10.390 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

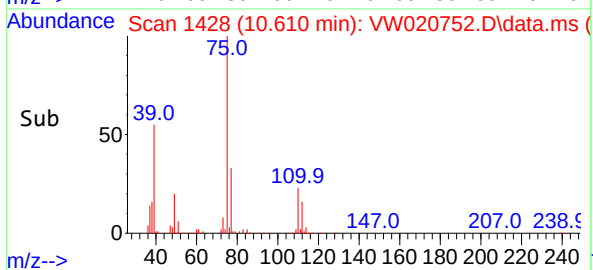
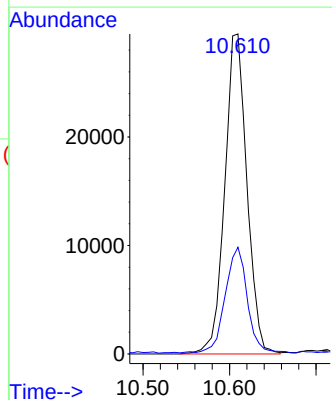
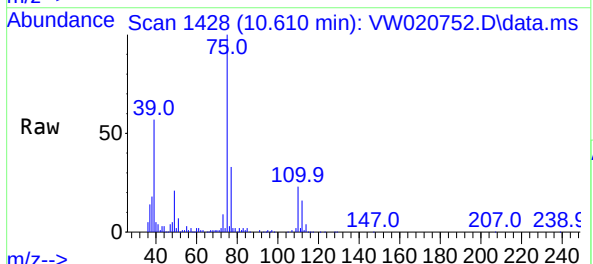
Instrument :  
MSVOA\_W  
ClientSampleId :

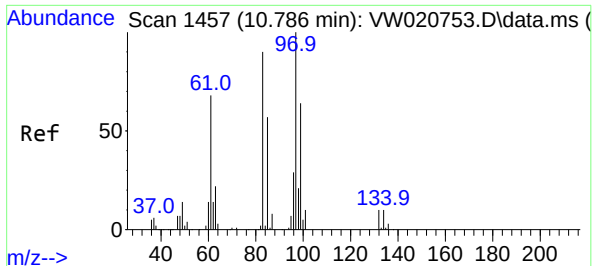
Tgt Ion: 91 Resp: 158710  
Ion Ratio Lower Upper  
91 100  
92 59.2 41.7 77.5



#44  
trans-1,3-Dichloropropene  
Concen: 5.298 ug/L  
RT: 10.610 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion: 75 Resp: 52443  
Ion Ratio Lower Upper  
75 100  
77 33.4 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 4.971 ug/L

RT: 10.793 min Scan# 1457

Delta R.T. 0.006 min

Lab File: VW020752.D

Acq: 04 Nov 2021 09:25

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion: 97 Resp: 26369

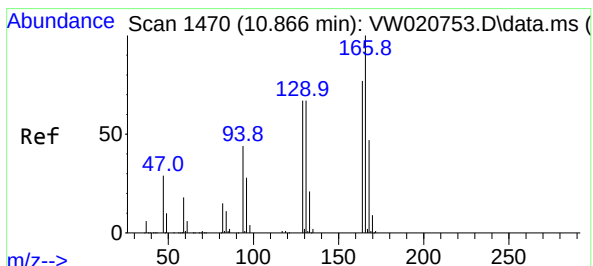
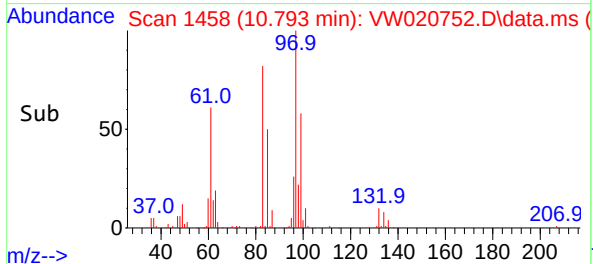
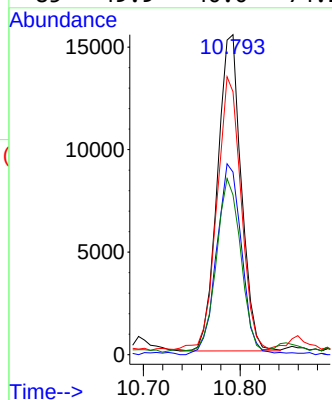
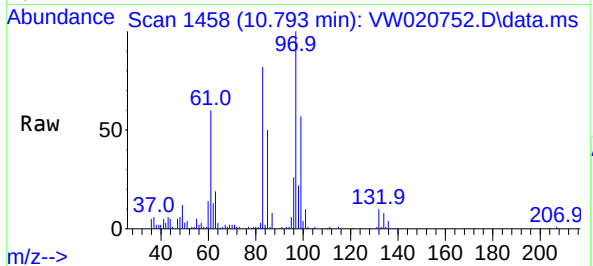
Ion Ratio Lower Upper

97 100

99 57.0 43.0 79.8

83 82.2 62.6 116.3

85 49.9 40.0 74.2



#46

Tetrachloroethene

Concen: 5.905 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW020752.D

Acq: 04 Nov 2021 09:25

Tgt Ion:164 Resp: 34061

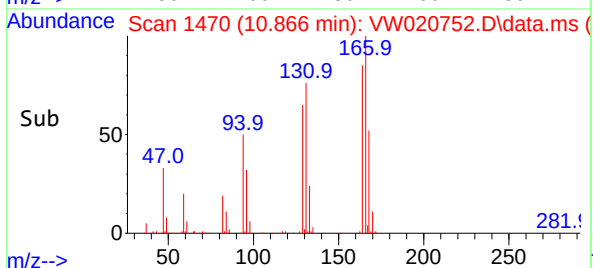
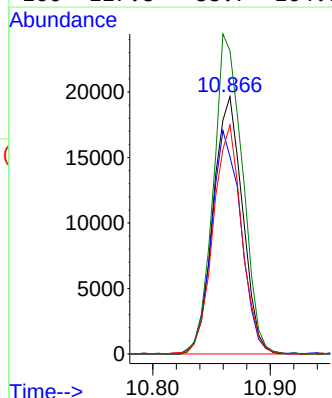
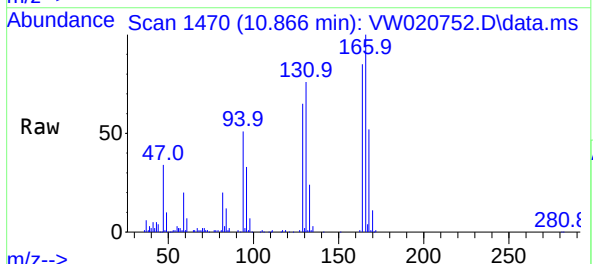
Ion Ratio Lower Upper

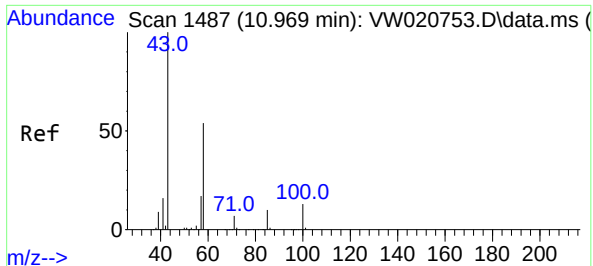
164 100

129 76.6 65.5 121.7

131 89.0 59.7 110.9

166 117.8 88.7 164.7

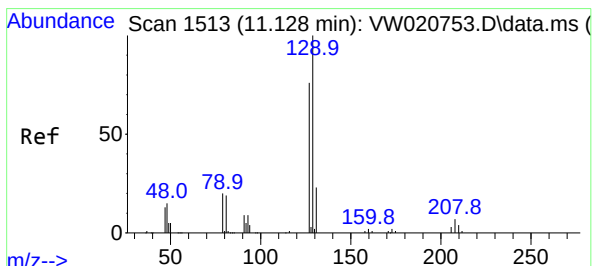
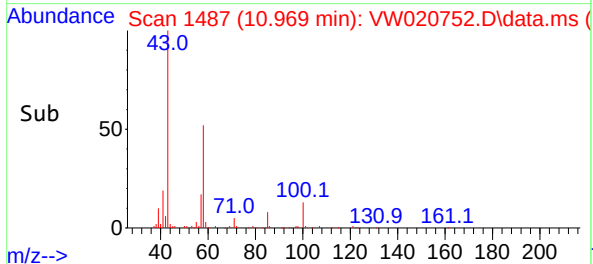
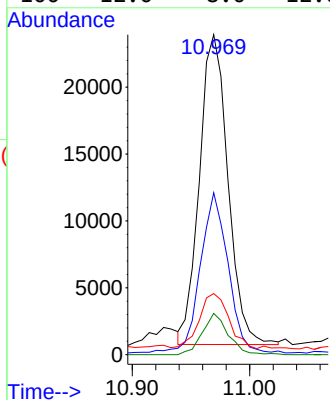
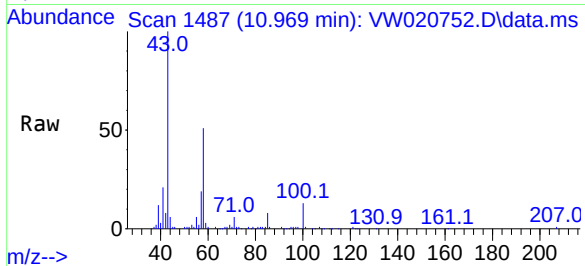




#48  
2-Hexanone  
Concen: 10.267 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

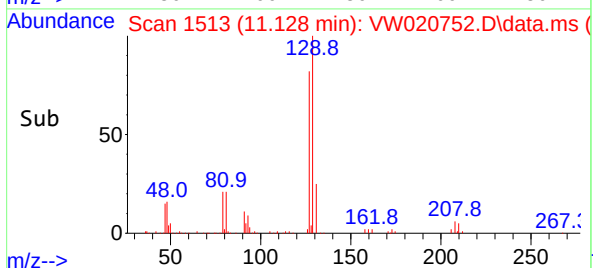
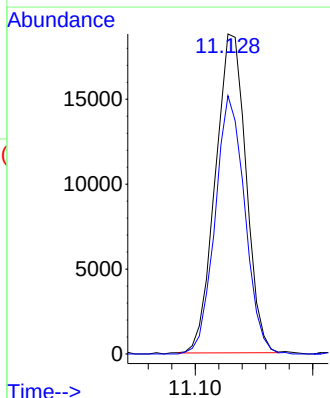
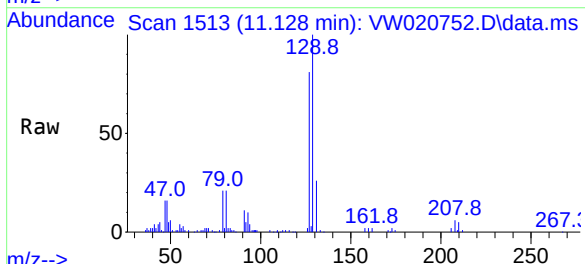
Instrument :  
MSVOA\_W  
ClientSampleId :

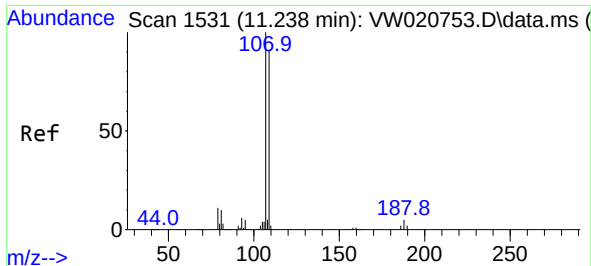
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 39145 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 50.5  | 40.2  | 60.2  |
| 57       | 18.5  | 14.3  | 21.5  |
| 100      | 12.0  | 8.0   | 12.0  |



#49  
Dibromochloromethane  
Concen: 5.727 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 129   | Resp: | 34135 |
| Ion      | Ratio | Lower | Upper |
| 129      | 100   |       |       |
| 127      | 80.7  | 55.7  | 103.5 |

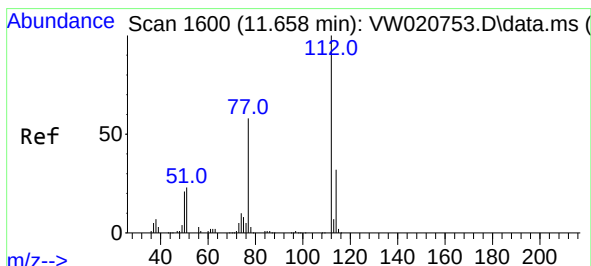
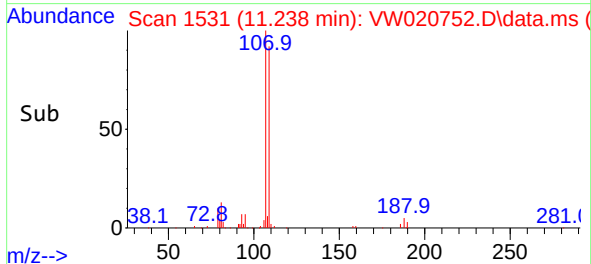
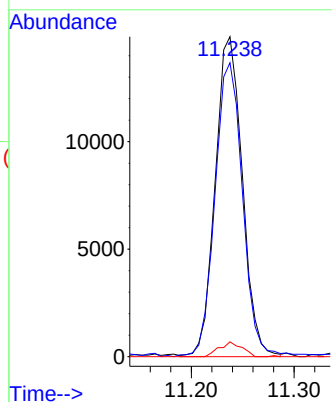
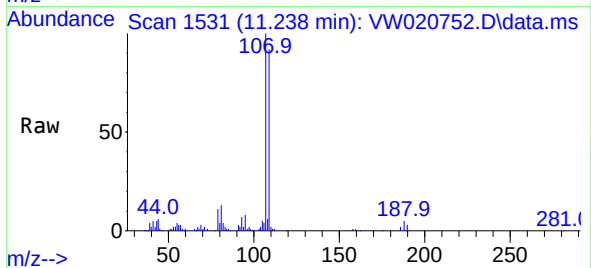




#50  
1,2-Dibromoethane  
Concen: 5.489 ug/L  
RT: 11.238 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

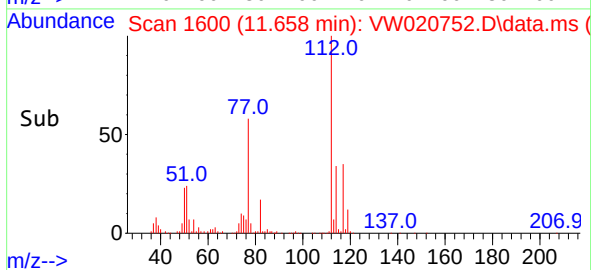
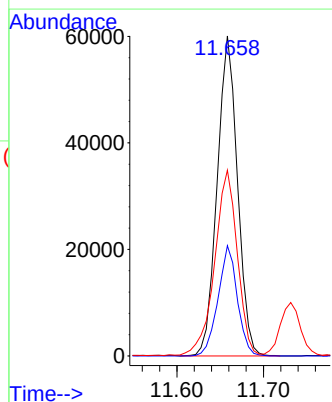
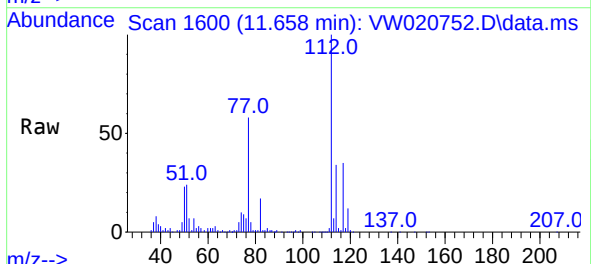
Instrument :  
MSVOA\_W  
ClientSampleId :

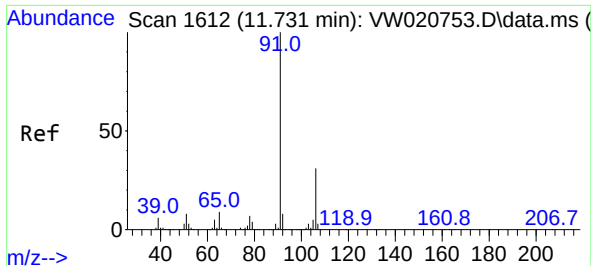
Tgt Ion:107 Resp: 27218  
Ion Ratio Lower Upper  
107 100  
109 91.8 64.1 119.1  
188 4.7 2.6 3.8#



#51  
Chlorobenzene  
Concen: 5.155 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion:112 Resp: 97927  
Ion Ratio Lower Upper  
112 100  
114 34.5 22.4 41.6  
77 58.1 50.2 75.4

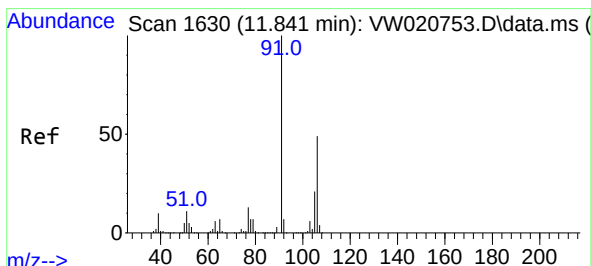
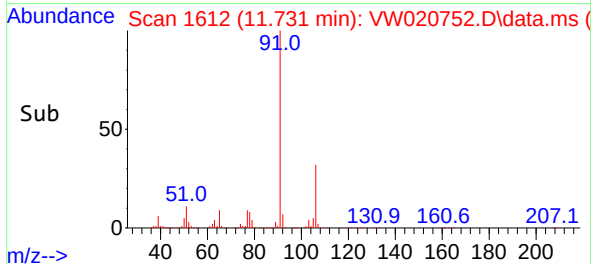
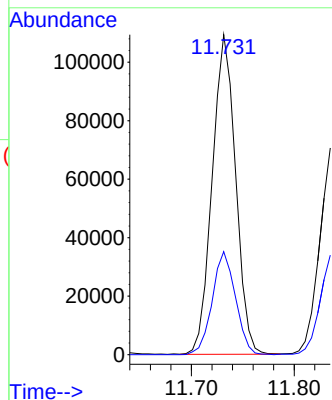
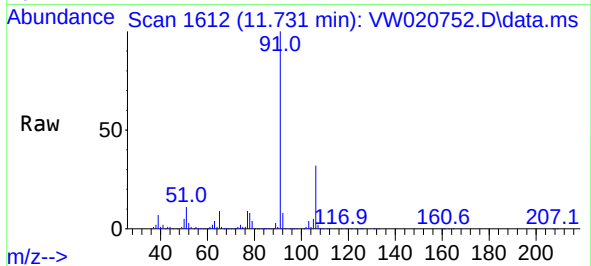




#52  
Ethylbenzene  
Concen: 5.206 ug/L  
RT: 11.731 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

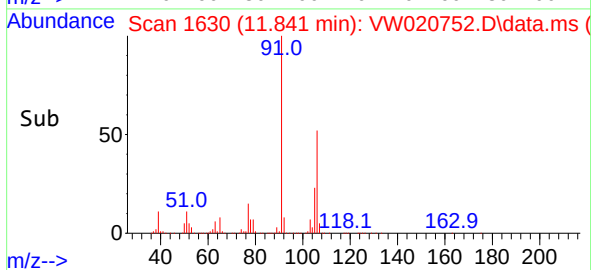
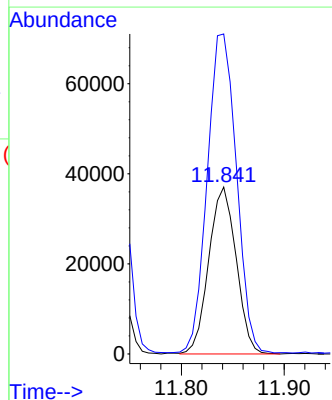
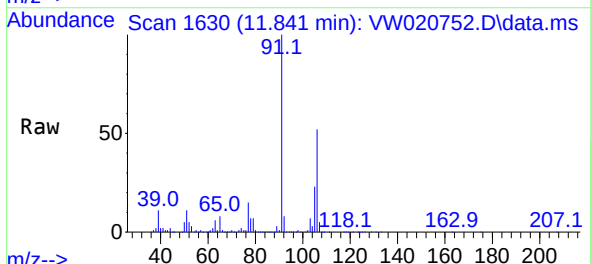
Instrument :  
MSVOA\_W  
ClientSampleId :

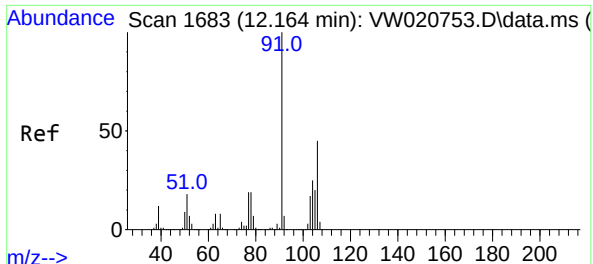
Tgt Ion: 91 Resp: 172845  
Ion Ratio Lower Upper  
91 100  
106 32.2 21.5 39.9



#53  
m,p-Xylene  
Concen: 5.562 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion:106 Resp: 68563  
Ion Ratio Lower Upper  
106 100  
91 191.8 149.9 278.3

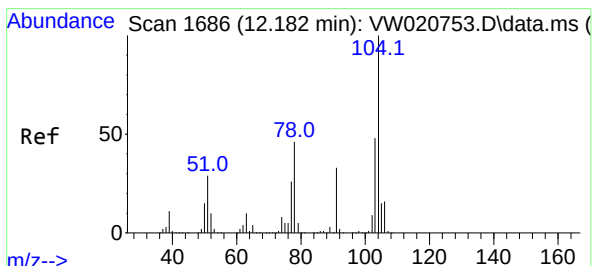
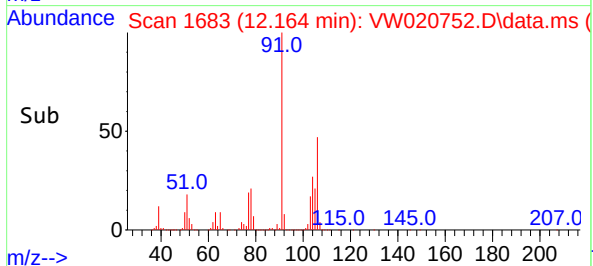
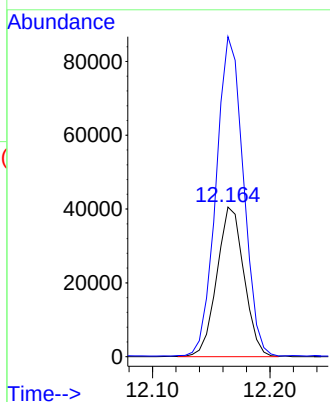
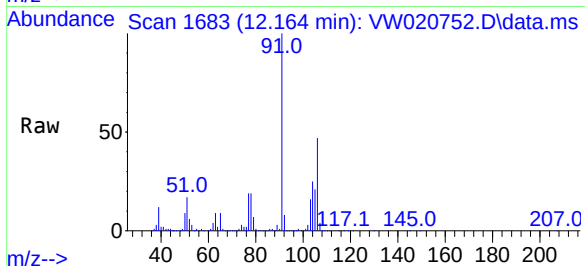




#54  
o-Xylene  
Concen: 5.685 ug/L  
RT: 12.164 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

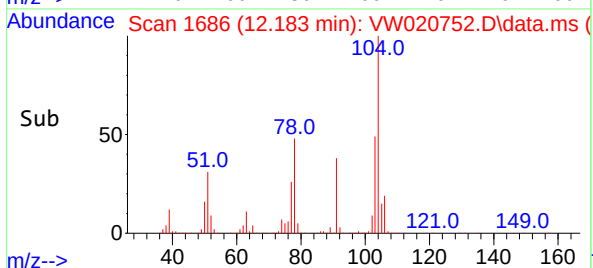
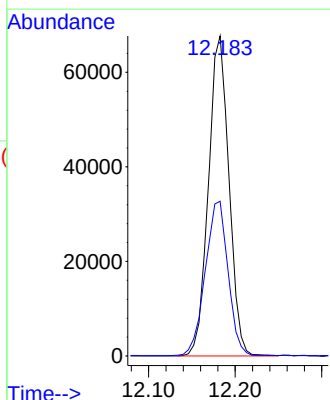
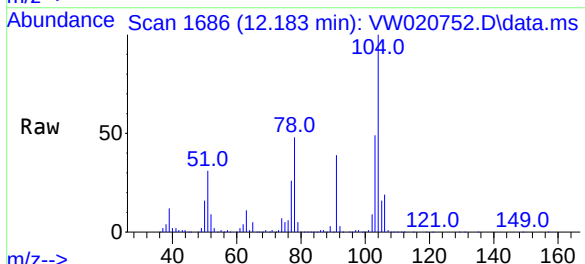
Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:106 Resp: 65172  
Ion Ratio Lower Upper  
106 100  
91 213.9 153.6 285.3

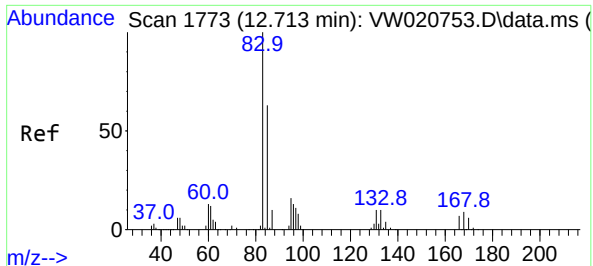


#55  
Styrene  
Concen: 5.584 ug/L  
RT: 12.183 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion:104 Resp: 111515  
Ion Ratio Lower Upper  
104 100  
78 48.4 34.4 64.0



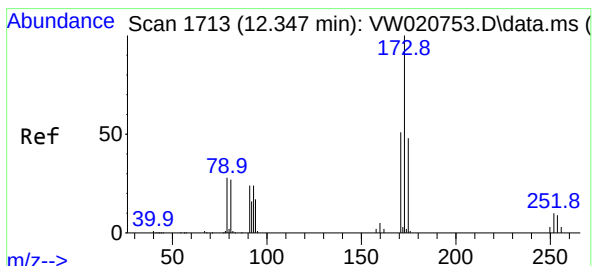
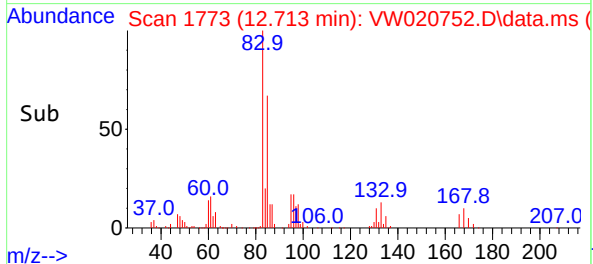
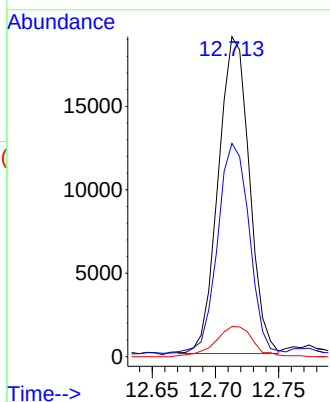
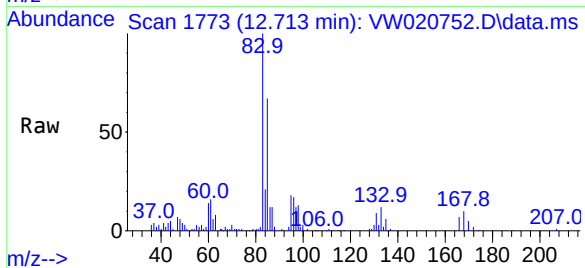




#57  
1,1,2,2-Tetrachloroethane  
Concen: 4.827 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

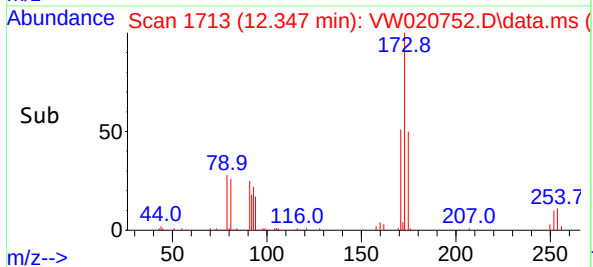
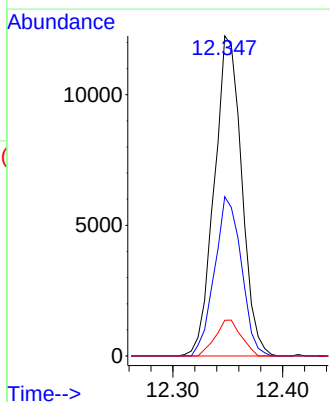
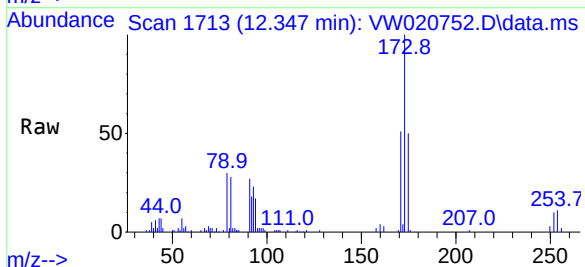
Instrument :  
MSVOA\_W  
ClientSampleId :

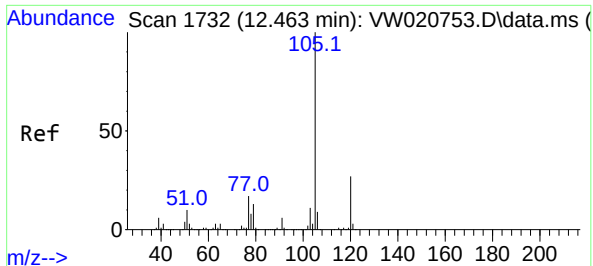
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 32312 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.7  | 44.0  | 81.6  |
| 131      | 9.5   | 6.9   | 10.3  |



#59  
Bromoform  
Concen: 5.791 ug/L  
RT: 12.347 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

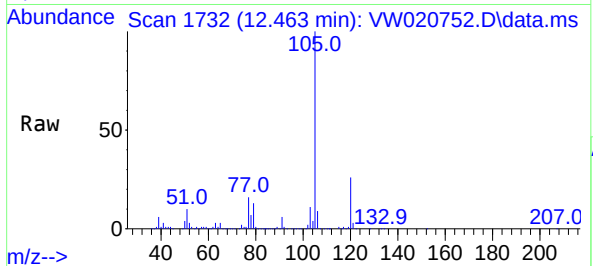
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 21246 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 48.7  | 39.6  | 59.4  |
| 254      | 10.6  | 7.4   | 11.0  |



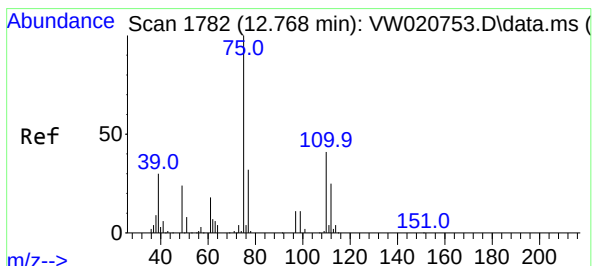
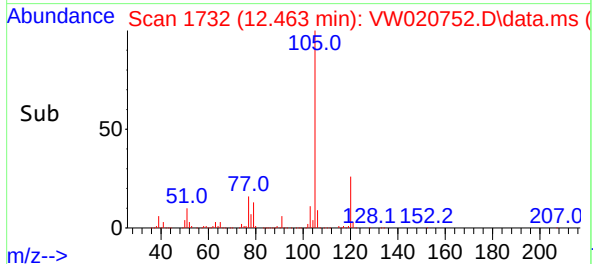
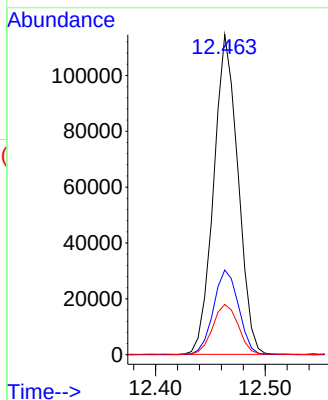


#60  
Isopropylbenzene  
Concen: 5.335 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Instrument :  
MSVOA\_W  
ClientSampleId :

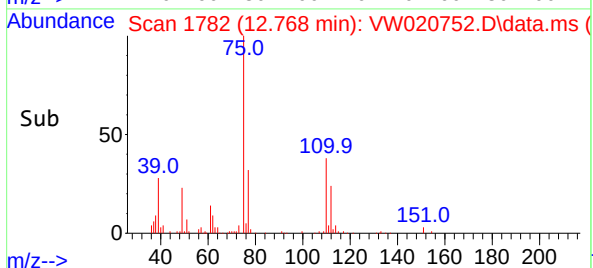
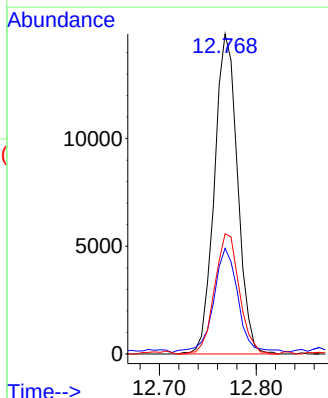
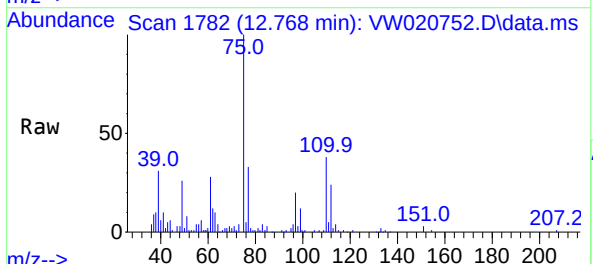


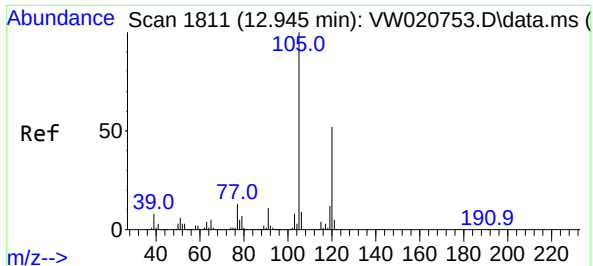
Tgt Ion:105 Resp: 176482  
Ion Ratio Lower Upper  
105 100  
120 27.4 20.1 30.1  
77 16.5 13.8 20.8



#61  
1,2,3-Trichloropropane  
Concen: 4.539 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion: 75 Resp: 24658  
Ion Ratio Lower Upper  
75 100  
77 33.8 25.8 38.8  
110 40.1 29.0 43.4

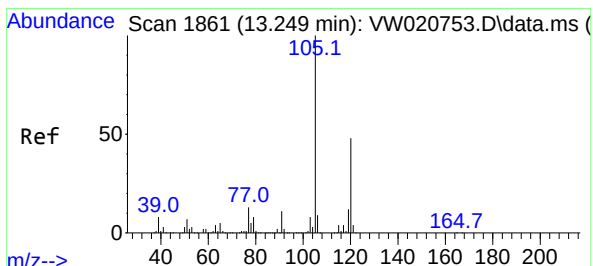
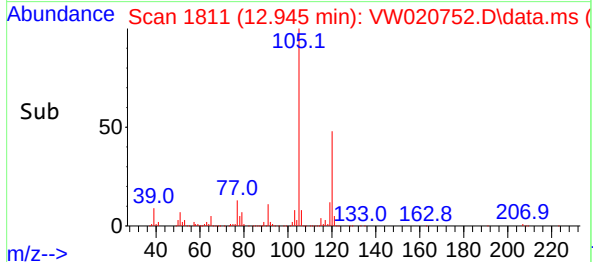
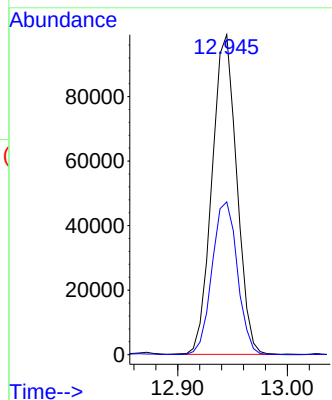
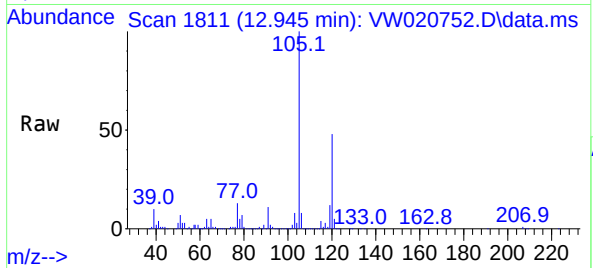




#62  
1,3,5-Trimethylbenzene  
Concen: 5.766 ug/L  
RT: 12.945 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

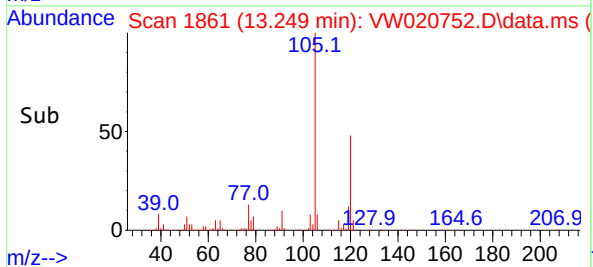
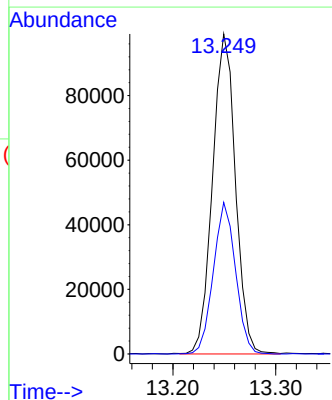
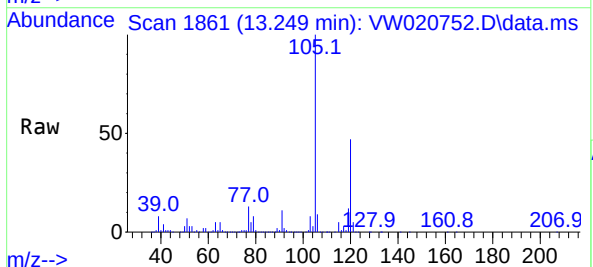
Instrument :  
MSVOA\_W  
ClientSampleId :

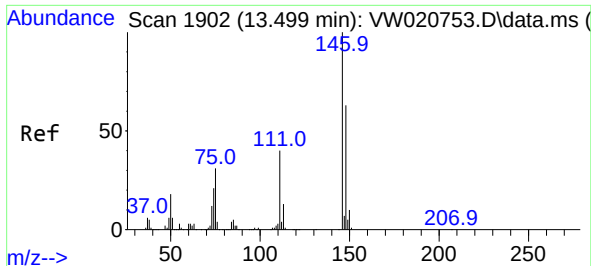
Tgt Ion:105 Resp: 155542  
Ion Ratio Lower Upper  
105 100  
120 48.9 37.4 56.2



#63  
1,2,4-Trimethylbenzene  
Concen: 5.705 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion:105 Resp: 153306  
Ion Ratio Lower Upper  
105 100  
120 45.8 35.0 52.6

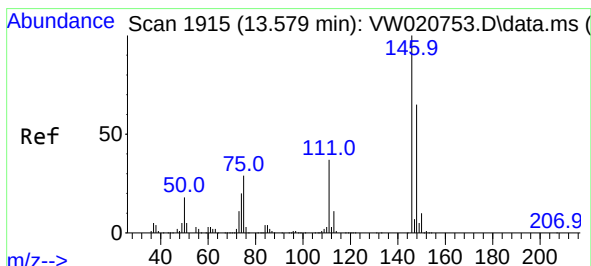
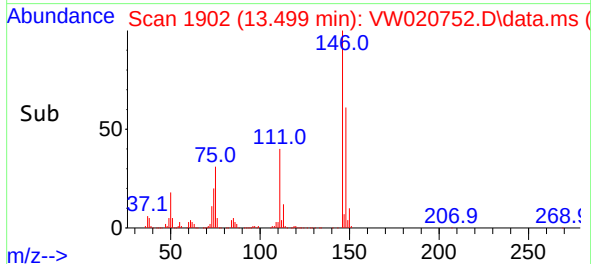
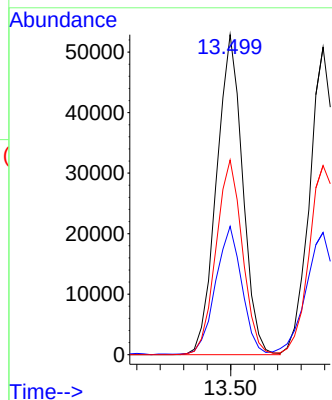
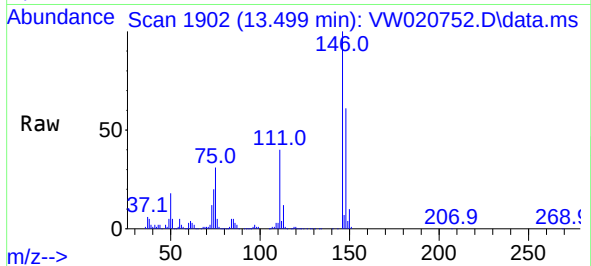




#64  
1,3-Dichlorobenzene  
Concen: 5.540 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

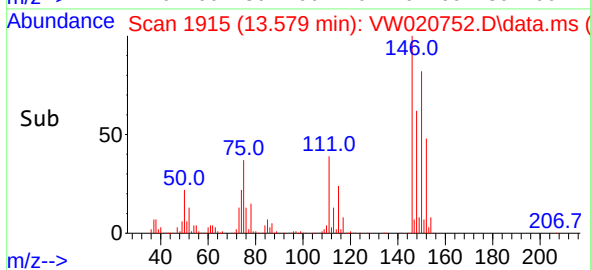
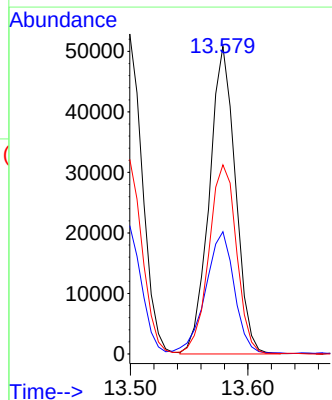
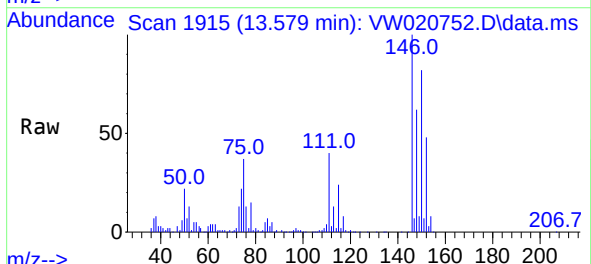
Instrument :  
MSVOA\_W  
ClientSampleId :

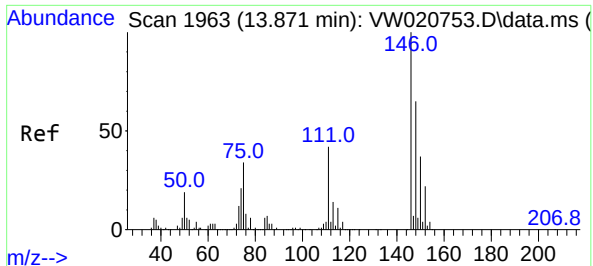
Tgt Ion:146 Resp: 81769  
Ion Ratio Lower Upper  
146 100  
111 40.1 29.8 55.3  
148 60.8 46.2 85.8



#65  
1,4-Dichlorobenzene  
Concen: 5.174 ug/L  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

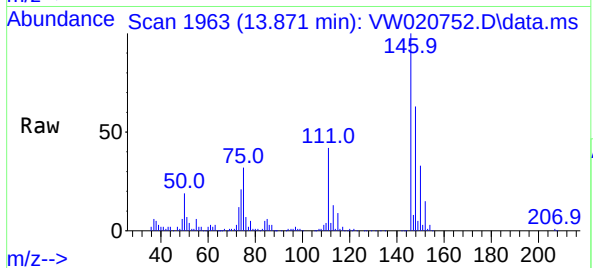
Tgt Ion:146 Resp: 78782  
Ion Ratio Lower Upper  
146 100  
111 39.7 29.0 53.9  
148 61.5 46.9 87.1



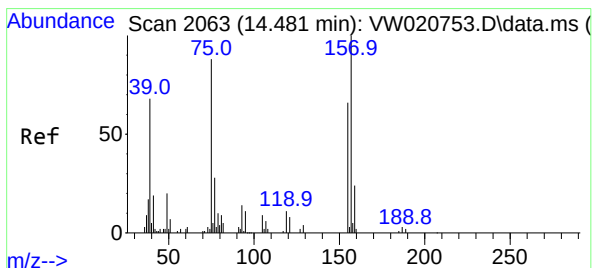
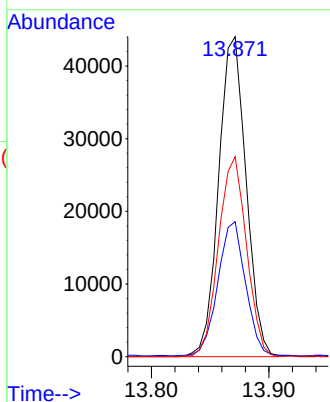
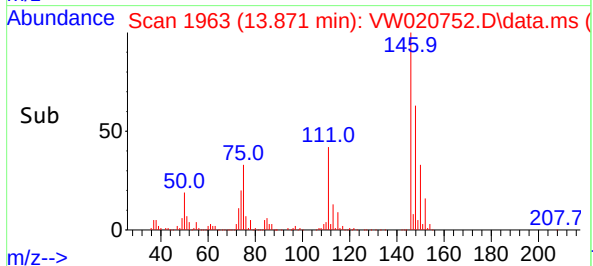


#67  
1,2-Dichlorobenzene  
Concen: 5.439 ug/L  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

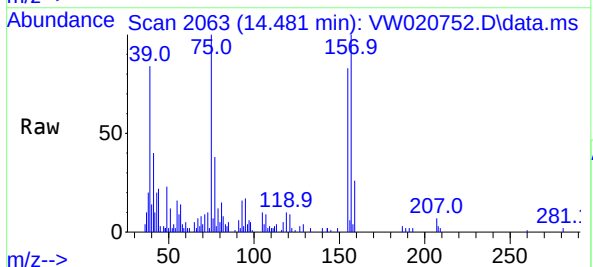
Instrument :  
MSVOA\_W  
ClientSampleId :



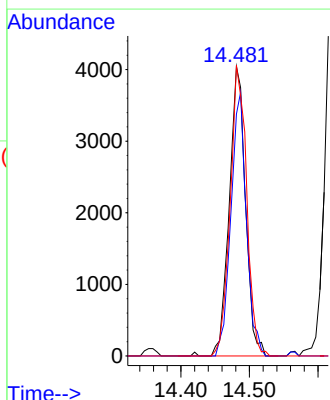
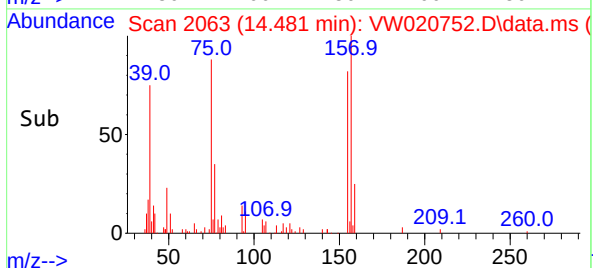
Tgt Ion:146 Resp: 71723  
Ion Ratio Lower Upper  
146 100  
111 42.2 33.1 49.7  
148 62.5 47.4 71.2

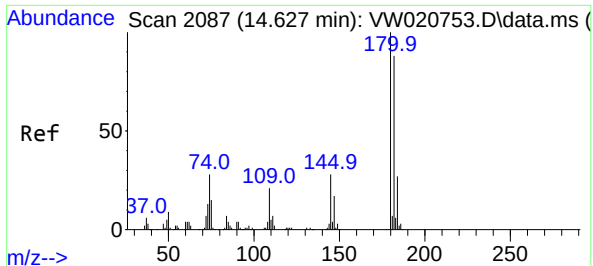


#68  
1,2-Dibromo-3-chloropropane  
Concen: 5.415 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25



Tgt Ion: 75 Resp: 6663  
Ion Ratio Lower Upper  
75 100  
155 83.6 54.2 81.2#  
157 100.4 69.4 104.2





#69

1,3,5-Trichlorobenzene

Concen: 5.973 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW020752.D

Acq: 04 Nov 2021 09:25

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion:180 Resp: 62520

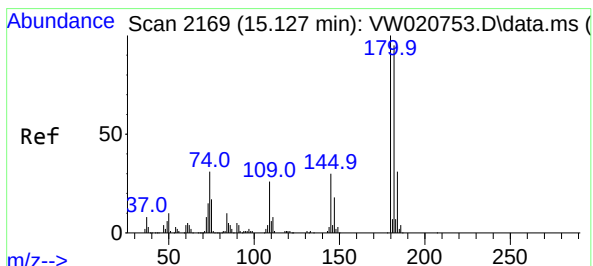
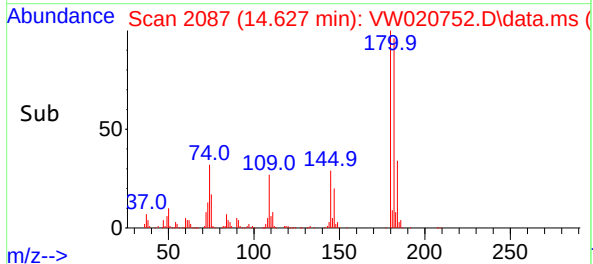
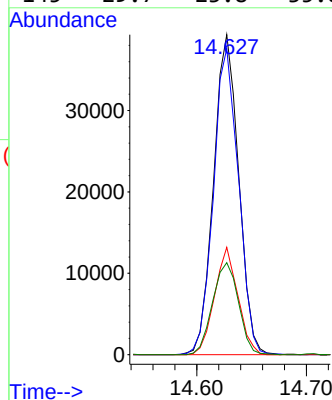
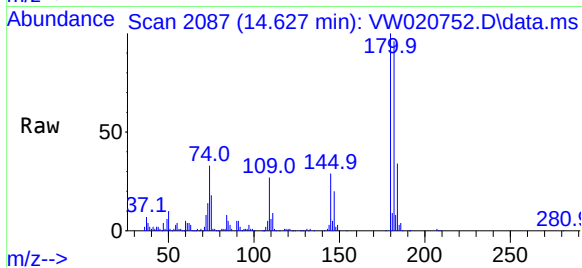
Ion Ratio Lower Upper

180 100

182 95.7 75.4 113.0

184 31.3 23.8 35.8

145 29.7 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 6.161 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW020752.D

Acq: 04 Nov 2021 09:25

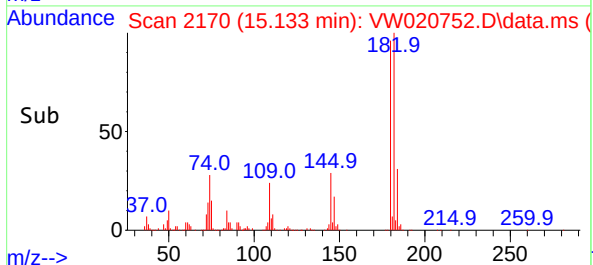
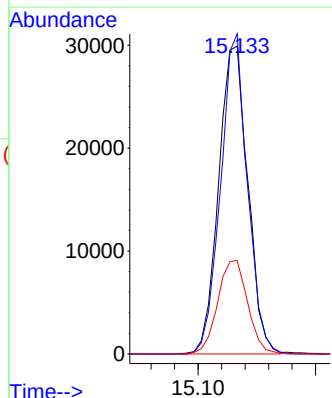
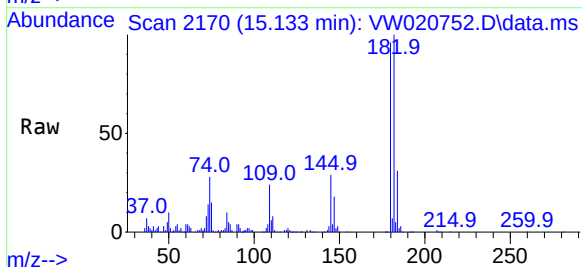
Tgt Ion:180 Resp: 51664

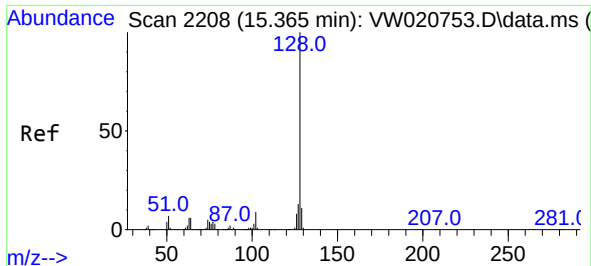
Ion Ratio Lower Upper

180 100

182 95.3 79.0 118.6

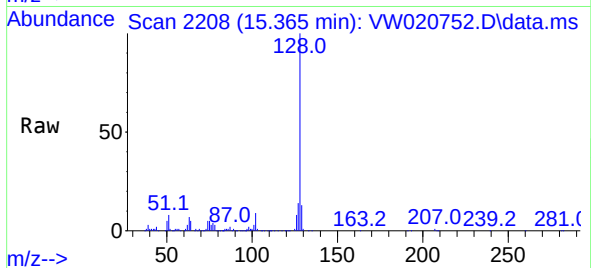
145 31.1 26.0 39.0



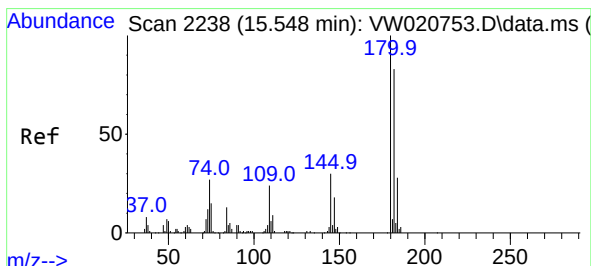
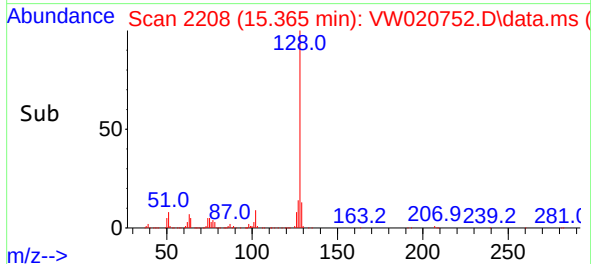
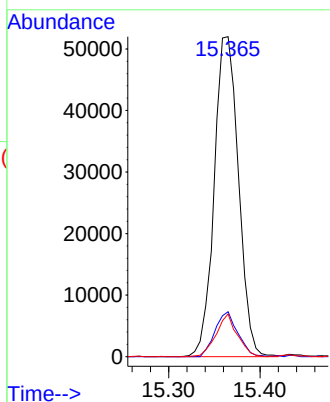


#71  
Naphthalene  
Concen: 6.143 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion:128 Resp: 96084  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.7 16.1  
129 11.7 8.6 12.8



#72  
1,2,3-Trichlorobenzene  
Concen: 5.728 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.006 min  
Lab File: VW020752.D  
Acq: 04 Nov 2021 09:25

Tgt Ion:180 Resp: 42969  
Ion Ratio Lower Upper  
180 100  
182 96.9 76.6 114.8  
145 33.4 27.4 41.0

