

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082622\  
 Data File : VW024350.D  
 Acq On : 26 Aug 2022 13:48  
 Operator : SY/VA  
 Sample : VSTDICV025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 27 00:27:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 27 00:19:28 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114            | 298898   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117            | 303661   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152            | 181943   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65             | 188385   | 22.864 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 91.440%  |          |
| 7) Chloroethane-d5            | 2.873  | 69             | 142423   | 23.071 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 92.280%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63             | 161695   | 22.628 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 90.520%  |          |
| 21) 2-Butanone-d5             | 7.232  | 46             | 163      | 0.107  | ug/L     | 0.15     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 0.220%#  |          |
| 24) Chloroform-d              | 7.647  | 84             | 239152   | 24.888 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 99.560%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65             | 150145   | 25.765 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 103.080% |          |
| 32) Benzene-d6                | 8.269  | 84             | 452092   | 25.985 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 103.920% |          |
| 36) 1,2-Dichloropropane-d6    | 9.268  | 67             | 141172   | 26.091 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 104.360% |          |
| 41) Toluene-d8                | 10.323 | 98             | 429742   | 25.979 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 103.920% |          |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79             | 67705    | 26.739 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 106.960% |          |
| 47) 2-Hexanone-d5             | 10.920 | 63             | 72236    | 59.658 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 119.320% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84             | 168736   | 27.544 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 110.160% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 176746   | 25.797 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 103.200% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane    | 2.001  | 85             | 74136    | 24.764 | ug/L     | 99       |
| 3) Chloromethane              | 2.209  | 50             | 134591   | 24.063 | ug/L     | 98       |
| 5) Vinyl chloride             | 2.349  | 62             | 232541   | 23.783 | ug/L     | 97       |
| 6) Bromomethane               | 2.763  | 94             | 149837   | 21.832 | ug/L     | 98       |
| 8) Chloroethane               | 2.910  | 64             | 117803   | 23.064 | ug/L     | 100      |
| 9) Trichlorofluoromethane     | 3.239  | 101            | 88619    | 19.274 | ug/L     | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.038  | 101            | 98464    | 22.327 | ug/L     | 98       |
| 12) 1,1-Dichloroethene        | 4.025  | 96             | 83928    | 23.508 | ug/L     | 94       |
| 13) Acetone                   | 4.123  | 43             | 41487    | 45.809 | ug/L     | 99       |
| 14) Carbon disulfide          | 4.373  | 76             | 276904   | 23.337 | ug/L     | 100      |
| 15) Methyl Acetate            | 4.666  | 43             | 56754    | 25.616 | ug/L     | 99       |
| 16) Methylene chloride        | 4.909  | 84             | 108952   | 21.734 | ug/L     | 92       |
| 17) trans-1,2-Dichloroethene  | 5.415  | 96             | 106439   | 25.187 | ug/L     | 93       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73             | 185497   | 26.808 | ug/L     | 99       |
| 19) 1,1-Dichloroethane        | 6.208  | 63             | 197222   | 24.680 | ug/L     | 96       |
| 22) 2-Butanone                | 7.171  | 43             | 82967    | 51.346 | ug/L     | 99       |
| 23) Bromochloromethane        | 7.506  | 128            | 57075    | 25.152 | ug/L     | 96       |
| 25) Chloroform                | 7.671  | 83             | 220454   | 24.865 | ug/L     | 96       |
| 27) 1,2-Dichloroethane        | 8.397  | 62             | 168994   | 26.186 | ug/L     | 100      |

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 Sample : VSTDICV025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 27 00:27:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 27 00:19:28 2022  
 Response via : Initial Calibration

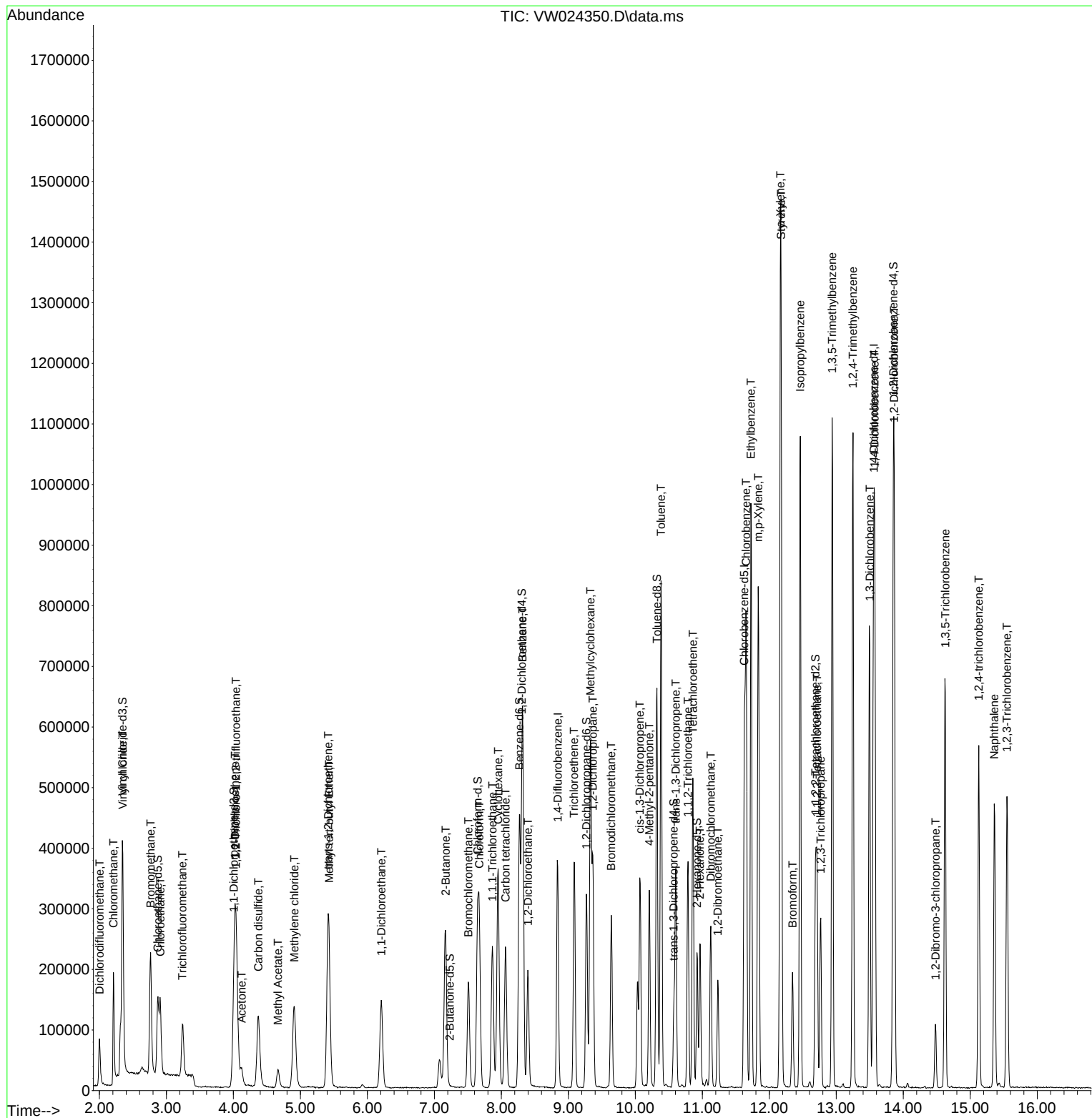
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 29) Cyclohexane               | 7.952  | 56   | 178834   | 27.317 | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 7.866  | 97   | 178453   | 24.926 | ug/L  | 98       |
| 31) Carbon tetrachloride      | 8.061  | 117  | 161260   | 24.621 | ug/L  | 100      |
| 33) Benzene                   | 8.317  | 78   | 509428   | 26.945 | ug/L  | 100      |
| 34) Trichloroethene           | 9.085  | 95   | 125248   | 25.135 | ug/L  | 89       |
| 35) Methylcyclohexane         | 9.329  | 83   | 218146   | 27.286 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 129567   | 26.556 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.640  | 83   | 177961   | 26.784 | ug/L  | 94       |
| 39) cis-1,3-Dichloropropene   | 10.067 | 75   | 194173   | 28.470 | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 207019   | 59.669 | ug/L  | 99       |
| 42) Toluene                   | 10.384 | 91   | 589454   | 28.251 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 184246   | 27.801 | ug/L  | 96       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 109303   | 27.472 | ug/L  | 97       |
| 46) Tetrachloroethene         | 10.860 | 164  | 101764   | 26.296 | ug/L  | 95       |
| 48) 2-Hexanone                | 10.963 | 43   | 149835   | 58.550 | ug/L  | 98       |
| 49) Dibromochloromethane      | 11.128 | 129  | 130725   | 27.779 | ug/L  | 95       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 108494   | 28.363 | ug/L  | 93       |
| 51) Chlorobenzene             | 11.652 | 112  | 374129   | 26.716 | ug/L  | 98       |
| 52) Ethylbenzene              | 11.725 | 91   | 652060   | 28.267 | ug/L  | 98       |
| 53) m,p-Xylene                | 11.835 | 106  | 250218   | 27.621 | ug/L  | 97       |
| 54) o-Xylene                  | 12.164 | 106  | 241508   | 28.518 | ug/L  | 94       |
| 55) Styrene                   | 12.176 | 104  | 443666   | 29.638 | ug/L  | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 153131   | 27.574 | ug/L  | 98       |
| 59) Bromoform                 | 12.347 | 173  | 75133    | 25.732 | ug/L  | 99       |
| 60) Isopropylbenzene          | 12.463 | 105  | 652453   | 27.000 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 111377   | 27.070 | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 558797   | 28.678 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 551008   | 29.113 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 296517   | 25.664 | ug/L  | 96       |
| 65) 1,4-Dichlorobenzene       | 13.572 | 146  | 308757   | 25.312 | ug/L  | 94       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 288629   | 26.650 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 25541    | 24.708 | ug/L  | 95       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 189920   | 25.467 | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 154802   | 26.703 | ug/L  | 99       |
| 71) Naphthalene               | 15.359 | 128  | 380940   | 29.921 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 149249   | 27.241 | ug/L  | 97       |

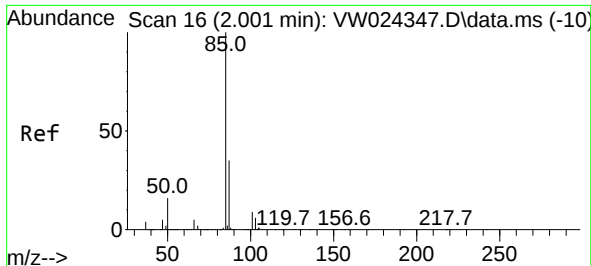
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Quant Title : SFAM01.0  
QLast Update : Sat Aug 27 00:19:28 2022  
Response via : Initial Calibration

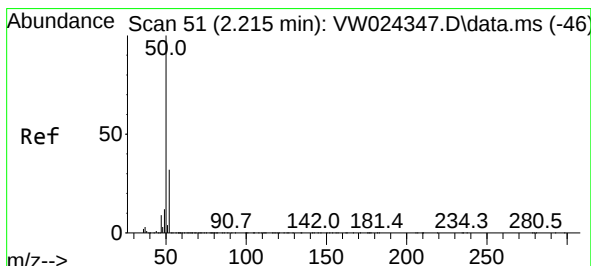
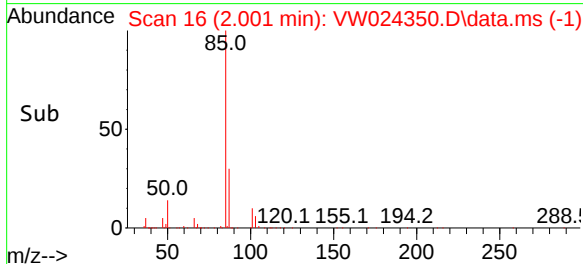
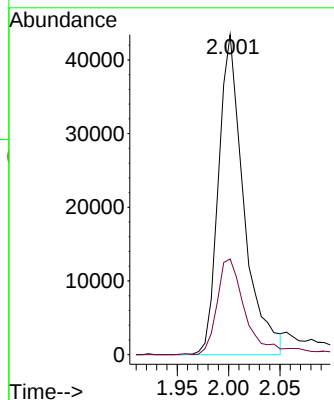
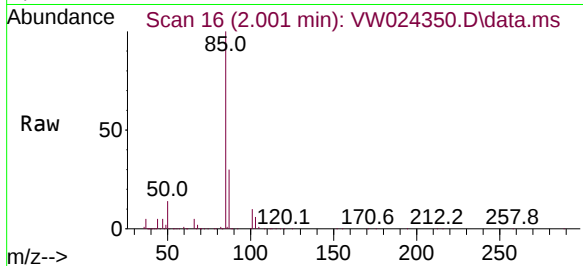




#2  
 Dichlorodifluoromethane  
 Concen: 24.764 ug/L  
 RT: 2.001 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VW024350.D  
 Acq: 26 Aug 2022 13:48

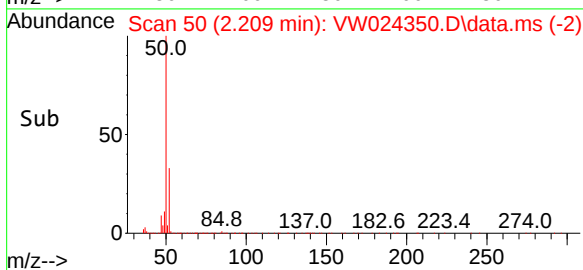
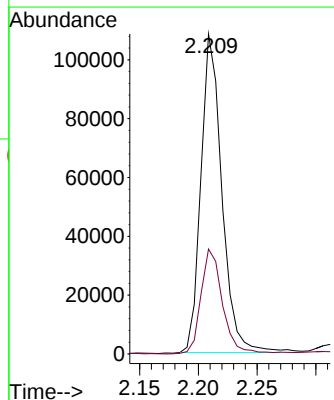
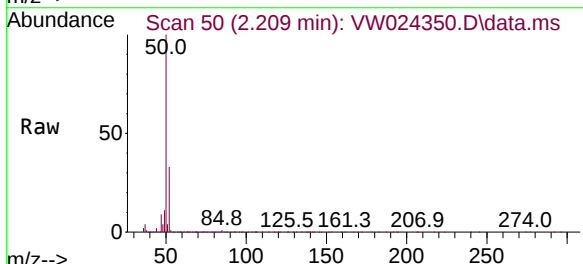
Instrument :  
 MSVOA\_W  
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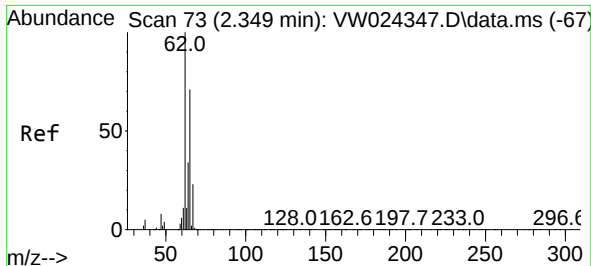
Tgt Ion: 85 Resp: 74136  
 Ion Ratio Lower Upper  
 85 100  
 87 31.4 24.7 37.1



#3  
 Chloromethane  
 Concen: 24.063 ug/L  
 RT: 2.209 min Scan# 50  
 Delta R.T. -0.006 min  
 Lab File: VW024350.D  
 Acq: 26 Aug 2022 13:48

Tgt Ion: 50 Resp: 134591  
 Ion Ratio Lower Upper  
 50 100  
 52 32.8 22.3 41.5

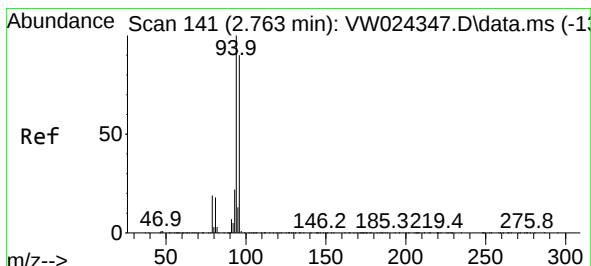
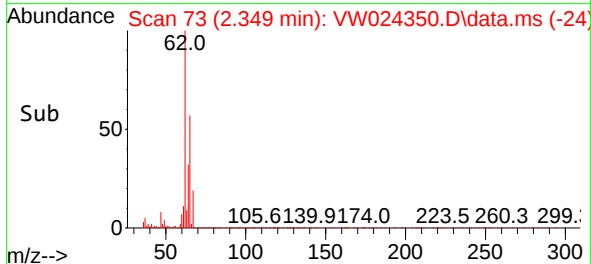
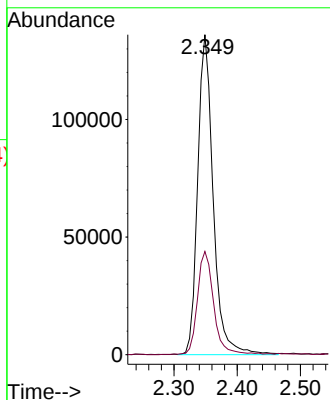
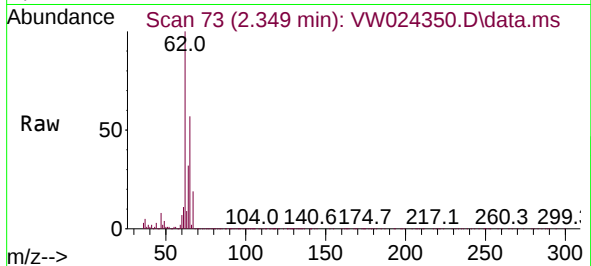




#5  
 Vinyl chloride  
 Concen: 23.783 ug/L  
 RT: 2.349 min Scan# 73  
 Delta R.T. 0.000 min  
 Lab File: VW024350.D  
 Acq: 26 Aug 2022 13:48

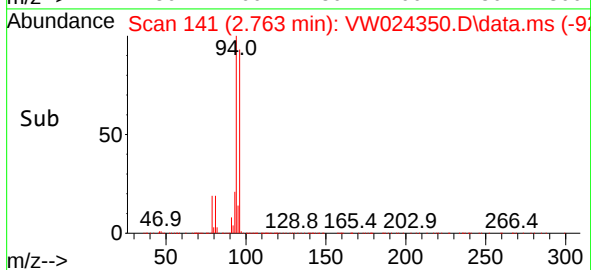
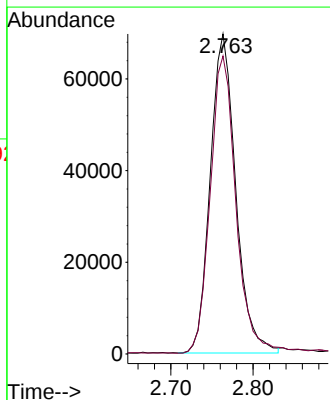
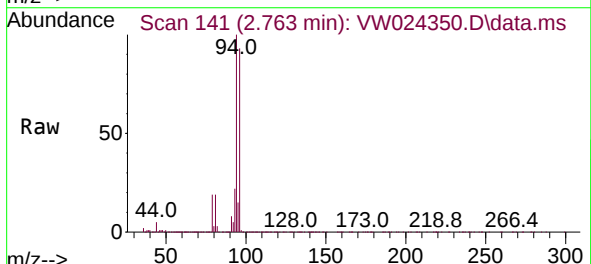
Instrument :  
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 ClientSampleId :

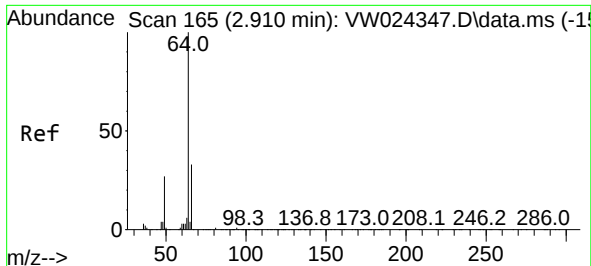
Tgt Ion: 62 Resp: 232541  
 Ion Ratio Lower Upper  
 62 100  
 64 32.2 23.6 43.8



#6  
 Bromomethane  
 Concen: 21.832 ug/L  
 RT: 2.763 min Scan# 141  
 Delta R.T. 0.000 min  
 Lab File: VW024350.D  
 Acq: 26 Aug 2022 13:48

Tgt Ion: 94 Resp: 149837  
 Ion Ratio Lower Upper  
 94 100  
 96 93.1 63.6 118.0

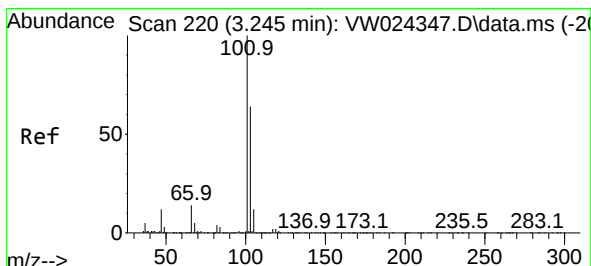
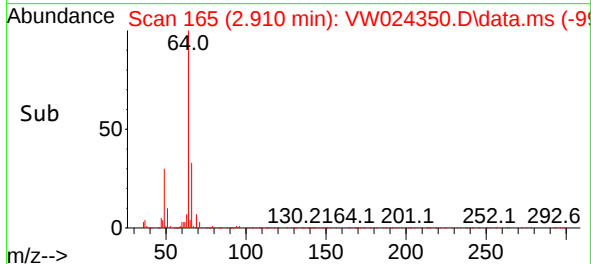
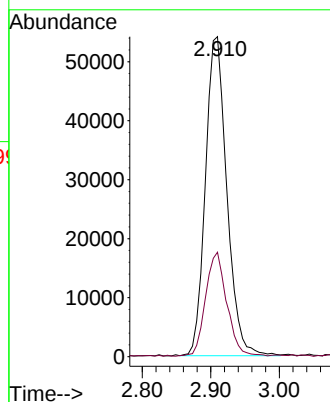
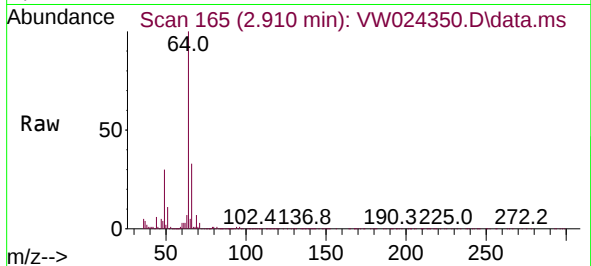




#8  
Chloroethane  
Concen: 23.064 ug/L  
RT: 2.910 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

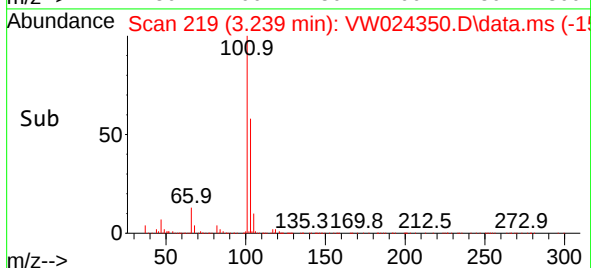
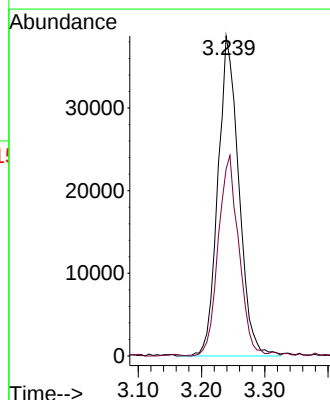
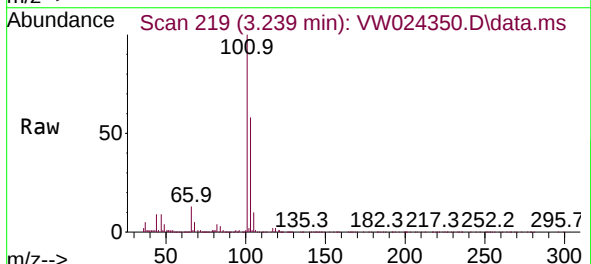
Instrument :  
MSVOA\_W  
ClientSampleId :

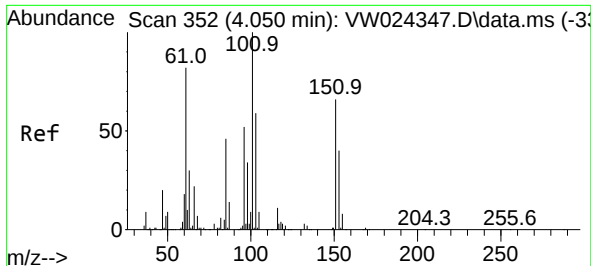
Tgt Ion: 64 Resp: 117803  
Ion Ratio Lower Upper  
64 100  
66 32.7 23.0 42.6



#9  
Trichlorofluoromethane  
Concen: 19.274 ug/L  
RT: 3.239 min Scan# 219  
Delta R.T. -0.006 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

Tgt Ion: 101 Resp: 88619  
Ion Ratio Lower Upper  
101 100  
103 61.8 50.4 75.6





#10

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

Concen: 22.327 ug/L

RT: 4.038 min Scan# 352

Delta R.T. -0.012 min

Lab File: VW024350.D

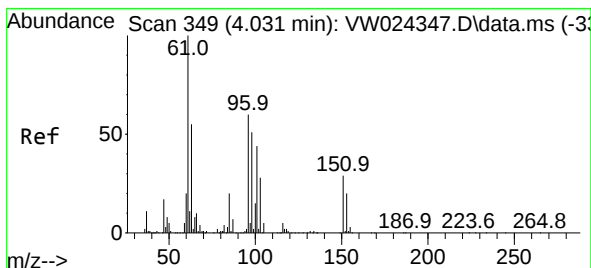
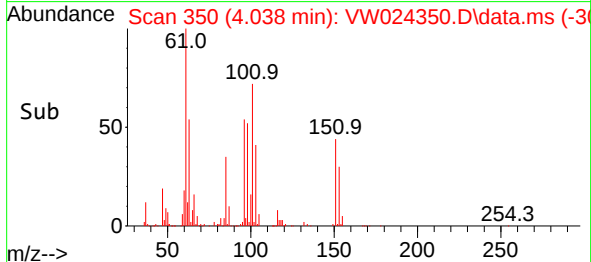
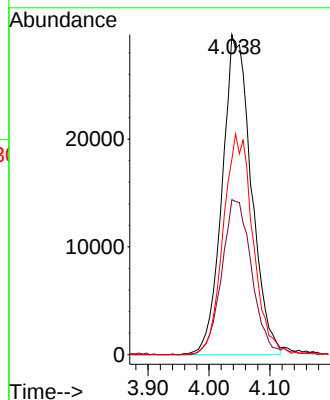
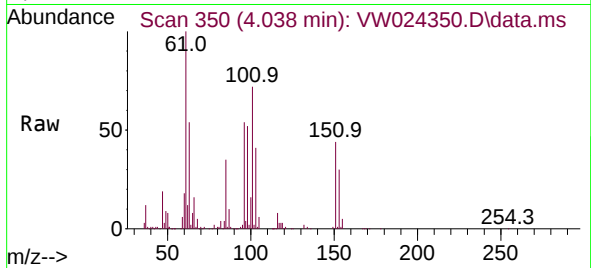
Acq: 26 Aug 2022 13:48

Instrument :

MSVOA\_W

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 98464 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 49.6  | 39.1  | 58.7  |
| 151       | 69.2  | 56.8  | 85.2  |



#12

1,1-Dichloroethene

Concen: 23.508 ug/L

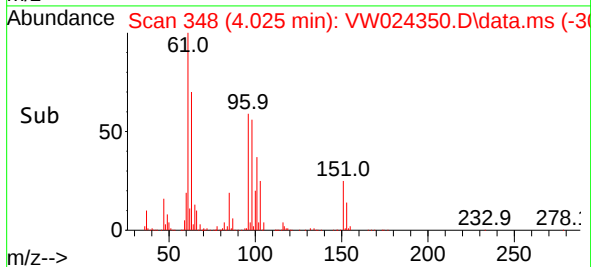
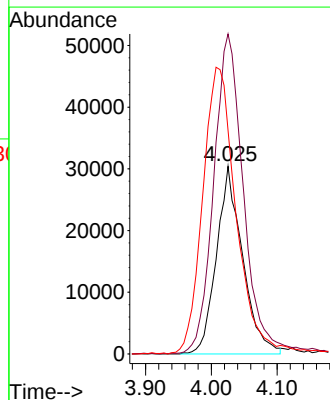
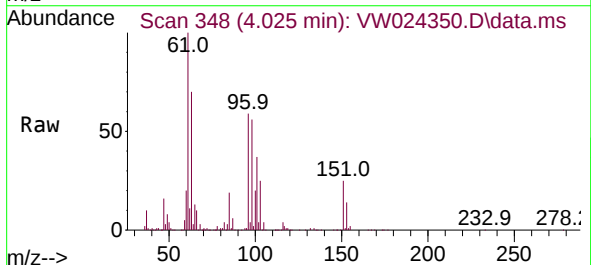
RT: 4.025 min Scan# 348

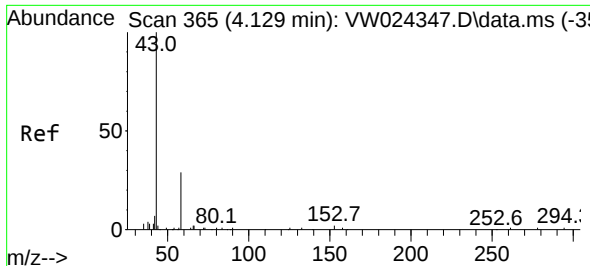
Delta R.T. -0.006 min

Lab File: VW024350.D

Acq: 26 Aug 2022 13:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 83928 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 170.6 | 118.8 | 220.6 |
| 63        | 119.2 | 72.8  | 135.2 |

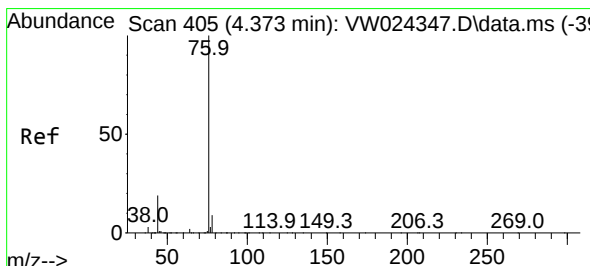
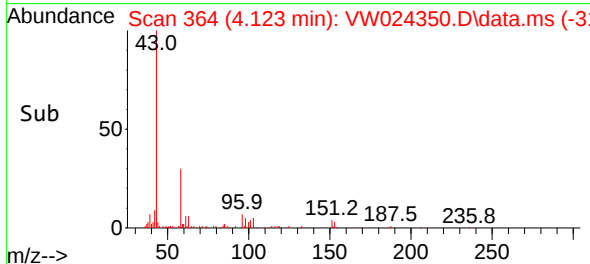
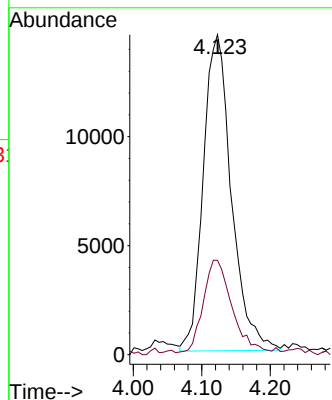
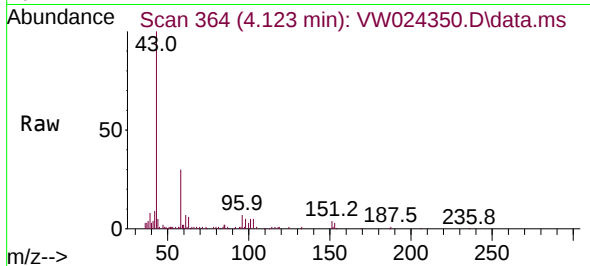




#13  
Acetone  
Concen: 45.809 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. -0.006 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

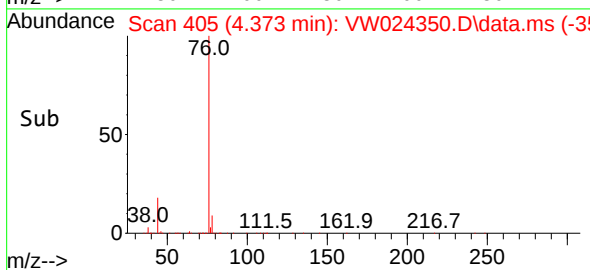
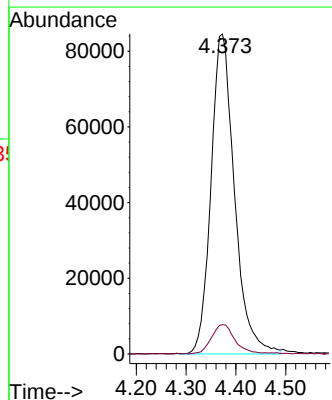
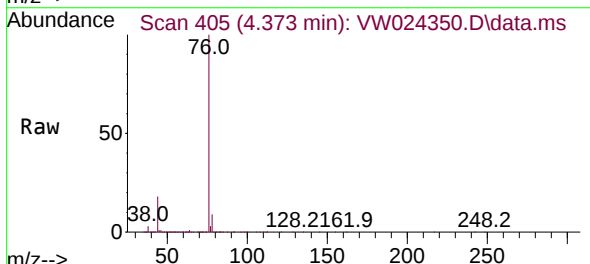
Instrument :  
MSVOA\_W  
ClientSampleId :

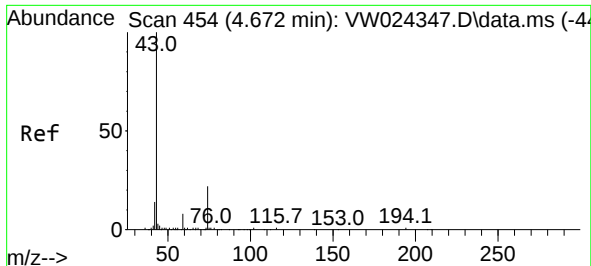
Tgt Ion: 43 Resp: 41487  
Ion Ratio Lower Upper  
43 100  
58 28.8 0.0 58.4



#14  
Carbon disulfide  
Concen: 23.337 ug/L  
RT: 4.373 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

Tgt Ion: 76 Resp: 276904  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.2

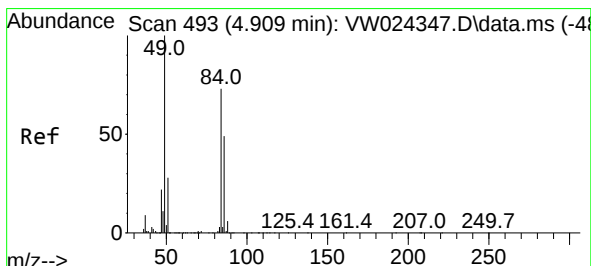
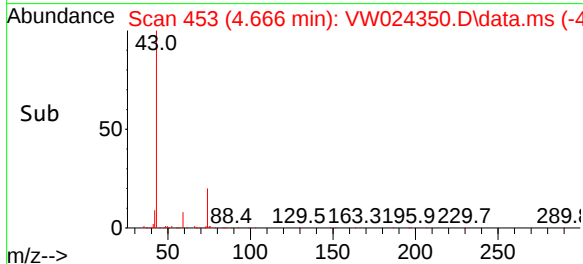
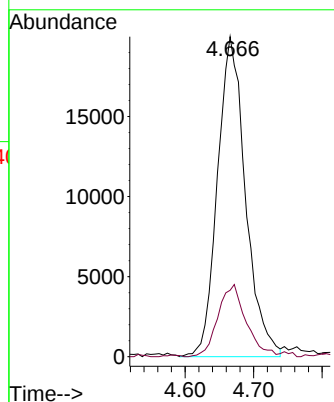
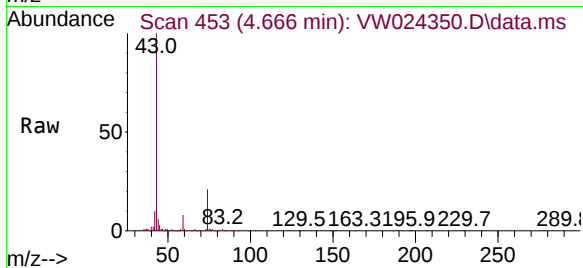




#15  
Methyl Acetate  
Concen: 25.616 ug/L  
RT: 4.666 min Scan# 4  
Delta R.T. -0.006 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

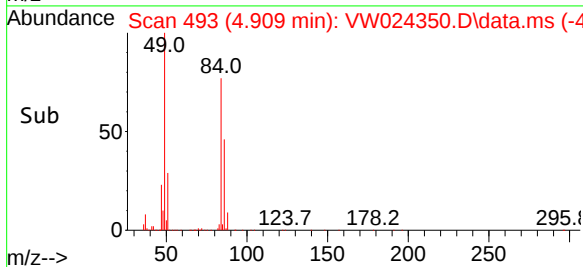
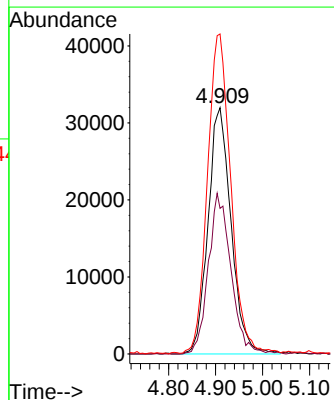
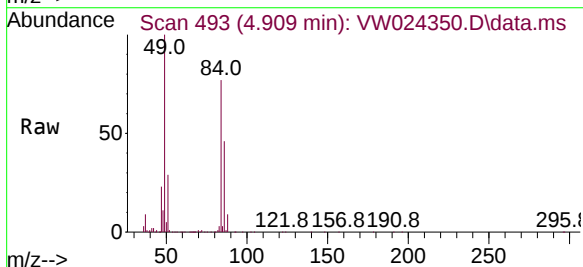
Instrument :  
MSVOA\_W  
ClientSampleId :

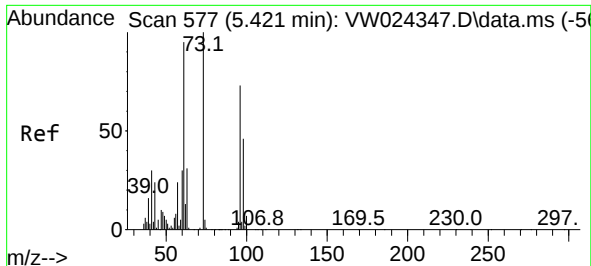
Tgt Ion: 43 Resp: 56754  
Ion Ratio Lower Upper  
43 100  
74 22.1 17.9 26.9



#16  
Methylene chloride  
Concen: 21.734 ug/L  
RT: 4.909 min Scan# 493  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

Tgt Ion: 84 Resp: 108952  
Ion Ratio Lower Upper  
84 100  
86 59.1 47.7 88.7  
49 129.9 96.6 179.4

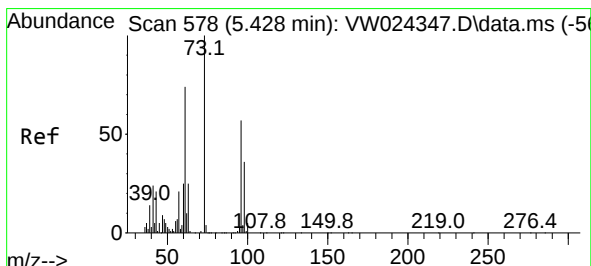
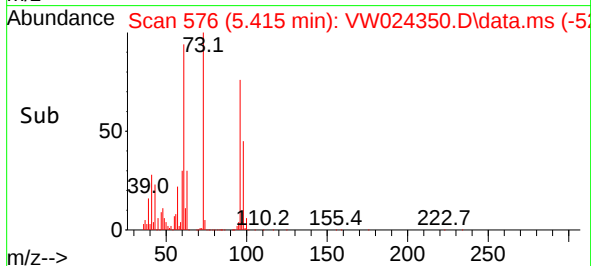
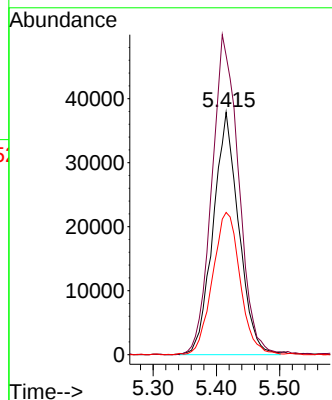
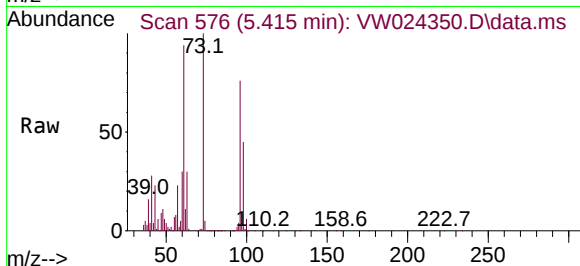




#17  
trans-1,2-Dichloroethene  
Concen: 25.187 ug/L  
RT: 5.415 min Scan# 576  
Delta R.T. -0.006 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

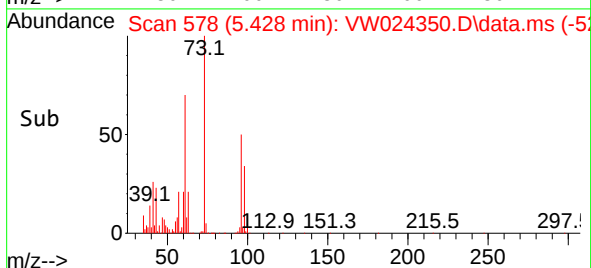
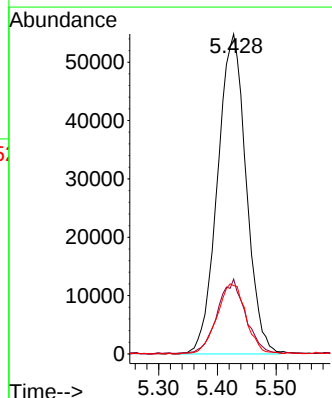
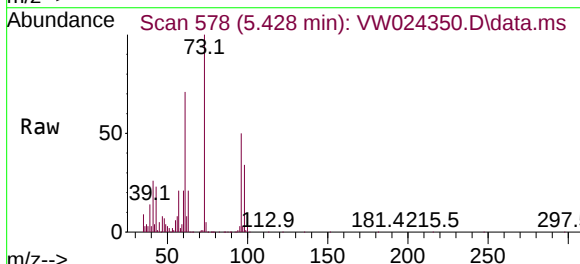
Instrument :  
MSVOA\_W  
ClientSampleId :

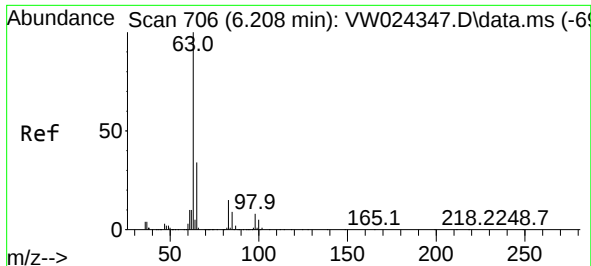
Tgt Ion: 96 Resp: 106439  
Ion Ratio Lower Upper  
96 100  
61 123.4 92.1 171.1  
98 58.7 44.7 83.1



#18  
Methyl tert-butyl Ether  
Concen: 26.808 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

Tgt Ion: 73 Resp: 185497  
Ion Ratio Lower Upper  
73 100  
43 22.6 18.8 28.2  
57 22.3 18.1 27.1





#19

1,1-Dichloroethane

Concen: 24.680 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024350.D

Acq: 26 Aug 2022 13:48

Instrument :

MSVOA\_W

ClientSampleId :

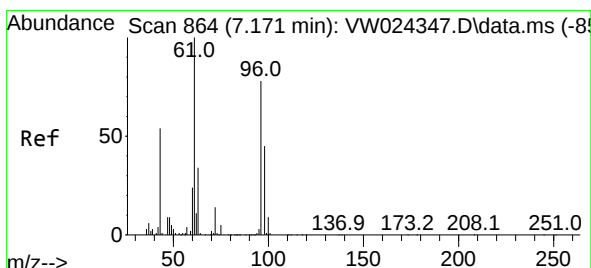
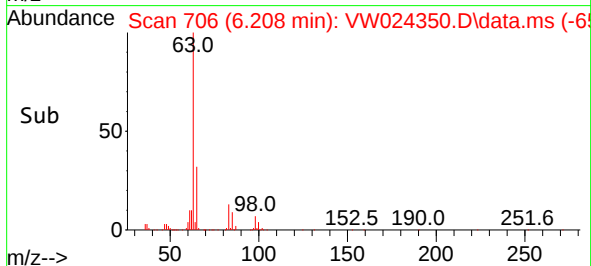
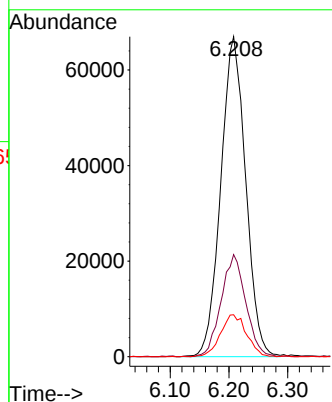
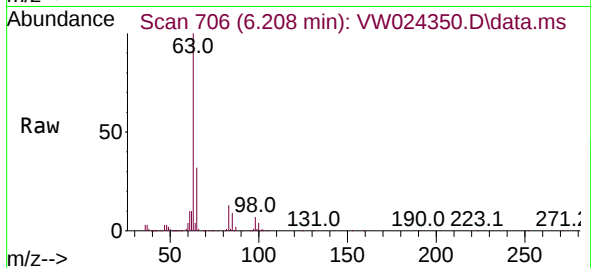
Tgt Ion: 63 Resp: 197222

Ion Ratio Lower Upper

63 100

65 31.9 23.6 43.8

83 13.1 10.4 19.4



#22

2-Butanone

Concen: 51.346 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024350.D

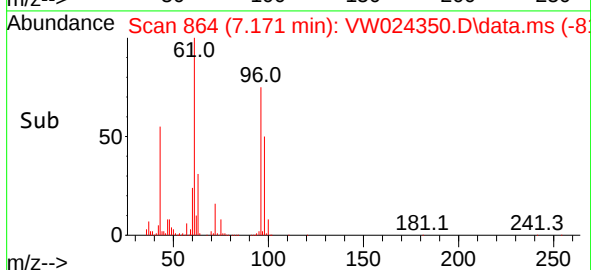
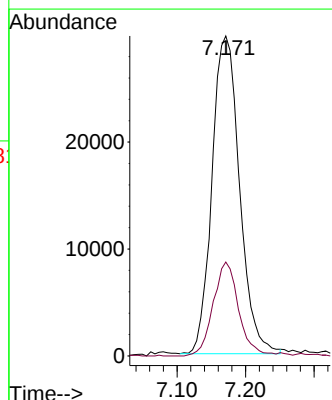
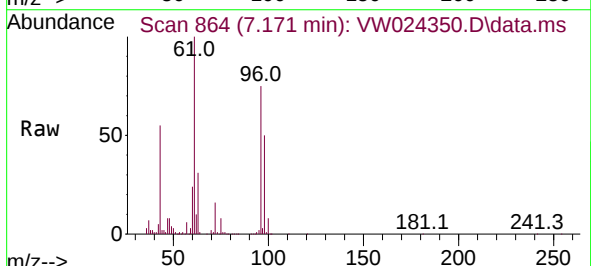
Acq: 26 Aug 2022 13:48

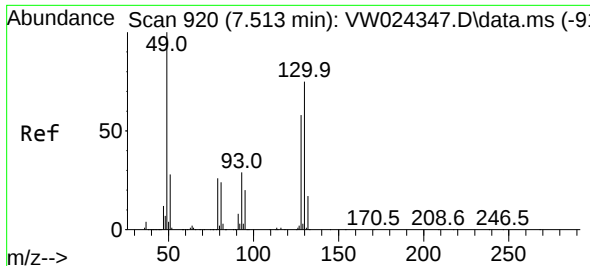
Tgt Ion: 43 Resp: 82967

Ion Ratio Lower Upper

43 100

72 27.1 13.9 41.6

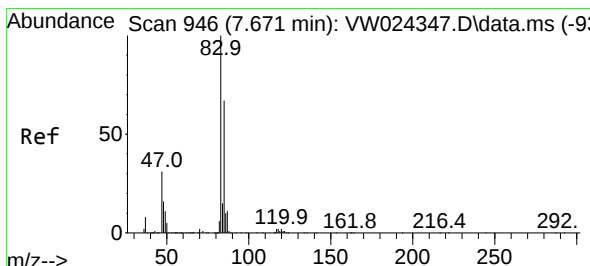
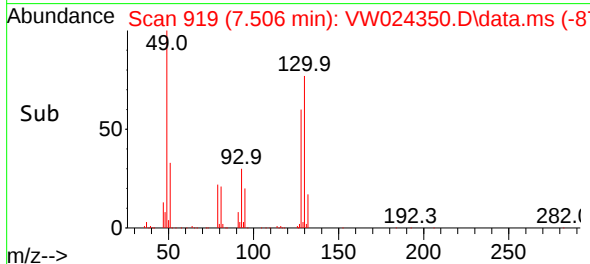
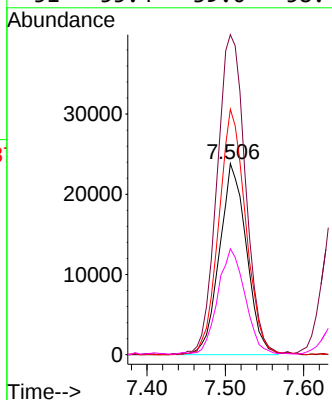
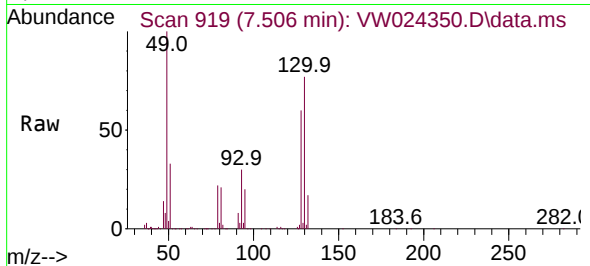




#23  
Bromochloromethane  
Concen: 25.152 ug/L  
RT: 7.506 min Scan# 919  
Delta R.T. -0.006 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

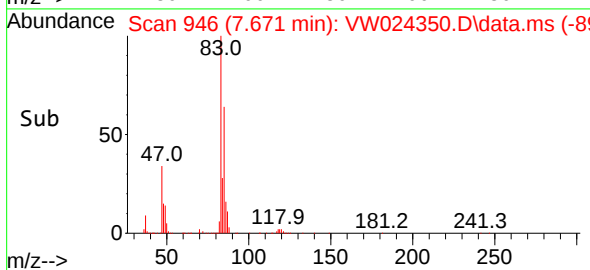
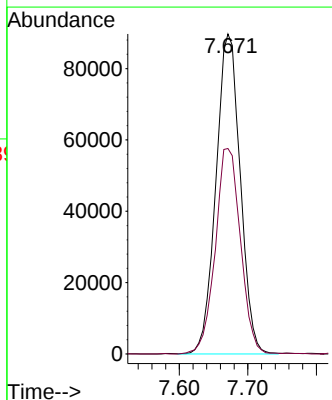
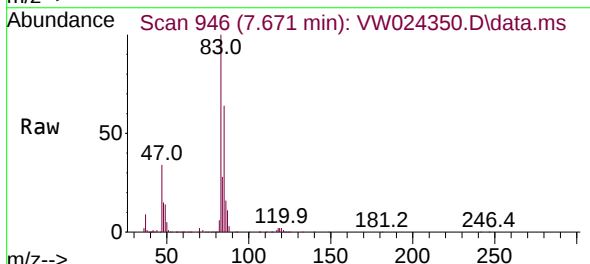
Instrument :  
MSVOA\_W  
ClientSampleId :

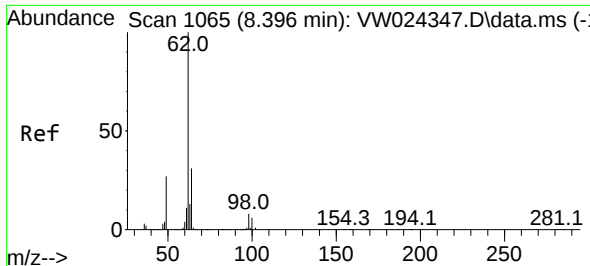
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 57075 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 49       | 167.5 | 122.1 | 226.7 |
| 130      | 128.4 | 91.1  | 169.1 |
| 51       | 55.4  | 39.0  | 58.4  |



#25  
Chloroform  
Concen: 24.865 ug/L  
RT: 7.671 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 220454 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.2  | 47.5  | 88.1   |





#27

1,2-Dichloroethane

Concen: 26.186 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024350.D

Acq: 26 Aug 2022 13:48

Instrument :

MSVOA\_W

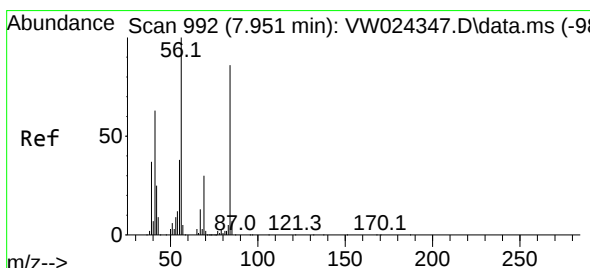
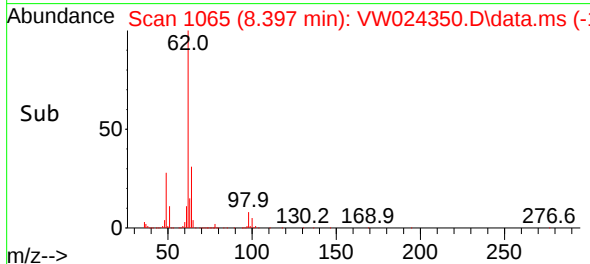
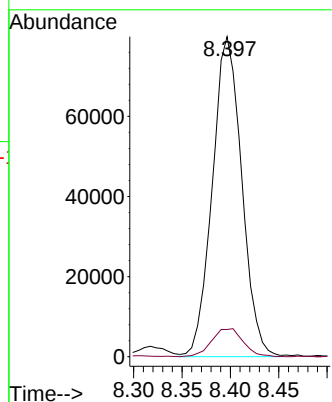
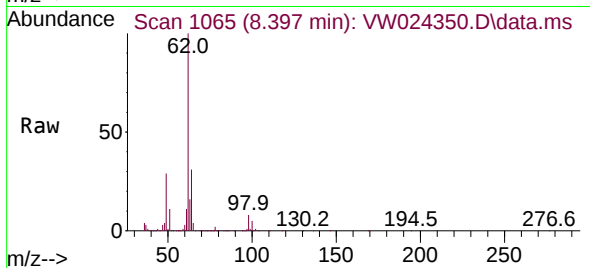
ClientSampleId :

Tgt Ion: 62 Resp: 168994

Ion Ratio Lower Upper

62 100

98 8.5 6.7 10.1



#29

Cyclohexane

Concen: 27.317 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024350.D

Acq: 26 Aug 2022 13:48

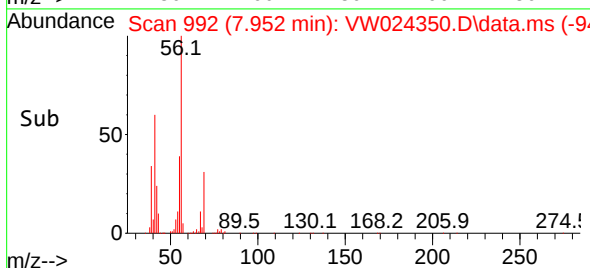
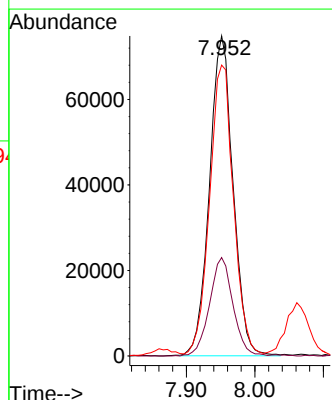
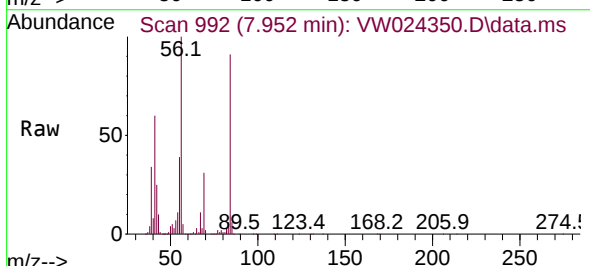
Tgt Ion: 56 Resp: 178834

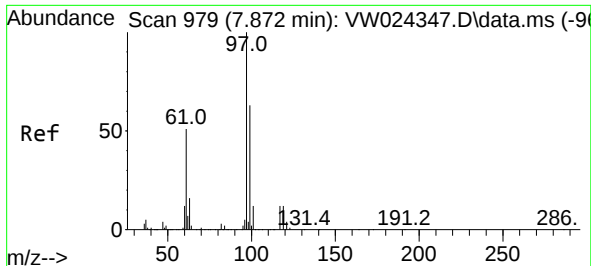
Ion Ratio Lower Upper

56 100

69 30.5 23.5 35.3

84 92.7 72.2 108.4

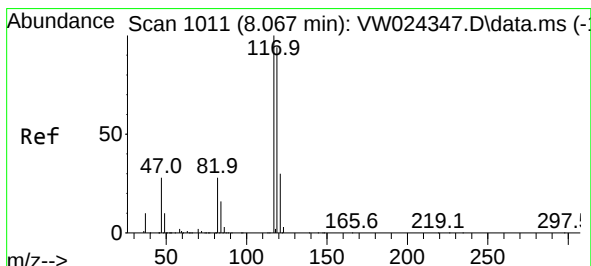
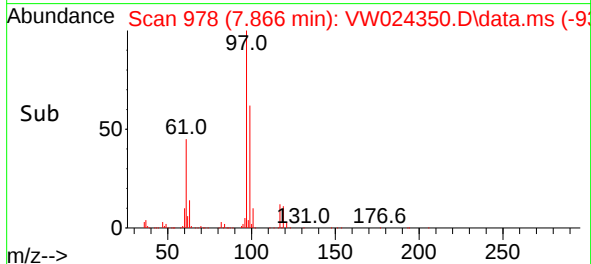
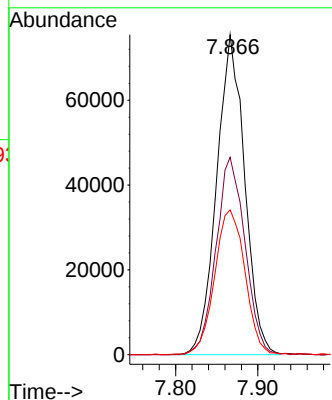
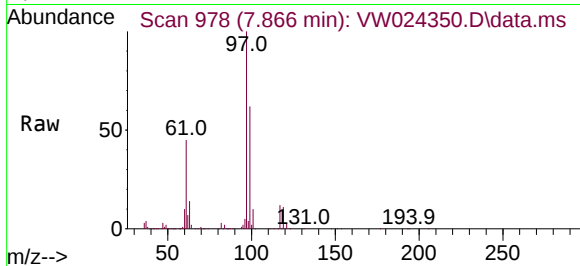




#30  
1,1,1-Trichloroethane  
Concen: 24.926 ug/L  
RT: 7.866 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

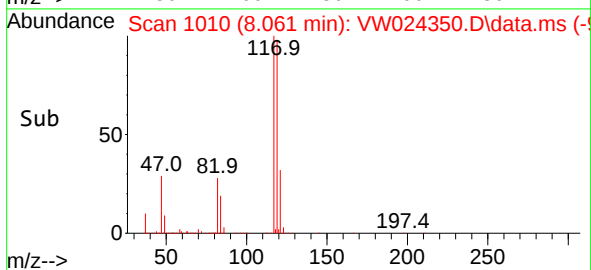
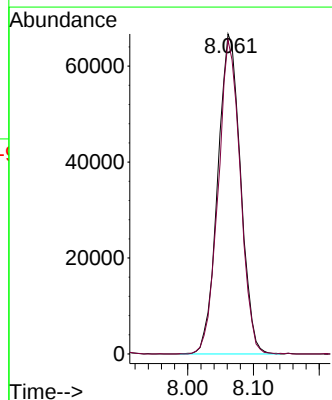
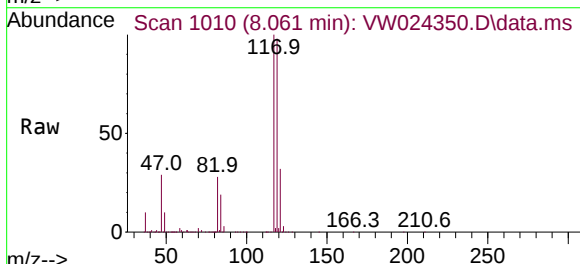
Instrument :  
MSVOA\_W  
ClientSampleId :

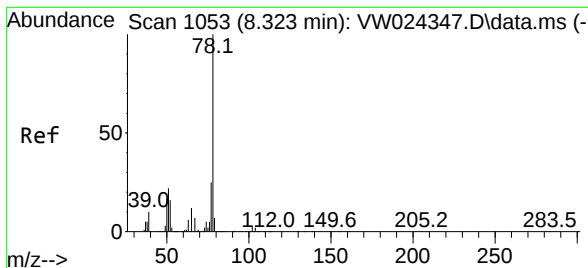
Tgt Ion: 97 Resp: 178453  
Ion Ratio Lower Upper  
97 100  
99 63.8 50.2 75.2  
61 48.9 40.2 60.4



#31  
Carbon tetrachloride  
Concen: 24.621 ug/L  
RT: 8.061 min Scan# 1010  
Delta R.T. -0.006 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

Tgt Ion: 117 Resp: 161260  
Ion Ratio Lower Upper  
117 100  
119 94.9 75.9 113.9





#33

Benzene

Concen: 26.945 ug/L

RT: 8.317 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VW024350.D

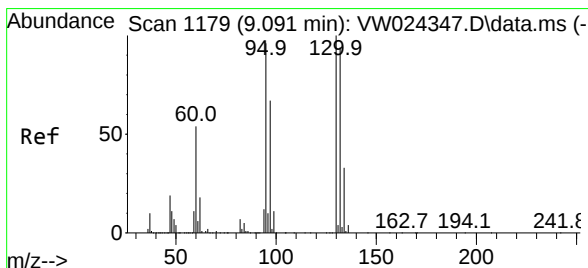
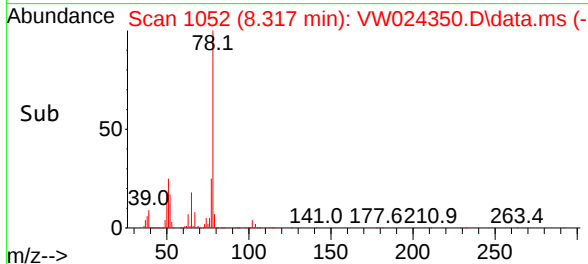
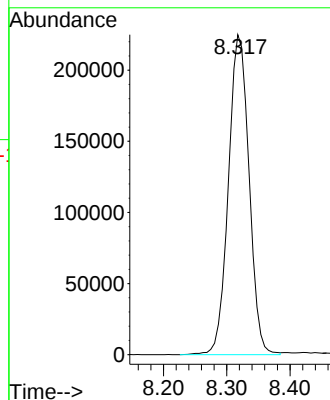
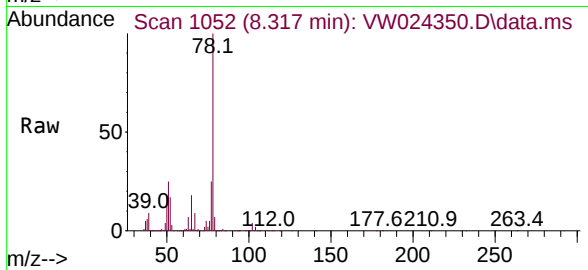
Acq: 26 Aug 2022 13:48

Instrument :

MSVOA\_W

ClientSampleId :

Tgt Ion: 78 Resp: 509428



#34

Trichloroethene

Concen: 25.135 ug/L

RT: 9.085 min Scan# 1178

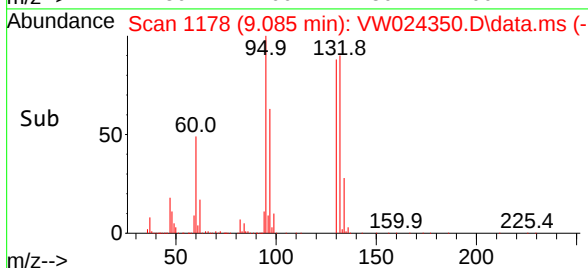
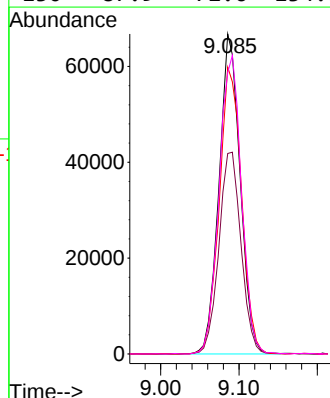
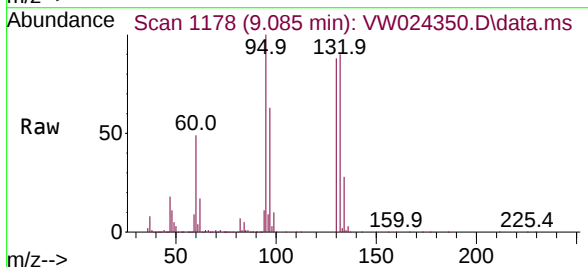
Delta R.T. -0.006 min

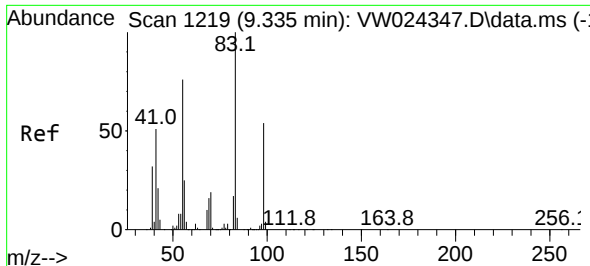
Lab File: VW024350.D

Acq: 26 Aug 2022 13:48

Tgt Ion: 95 Resp: 125248

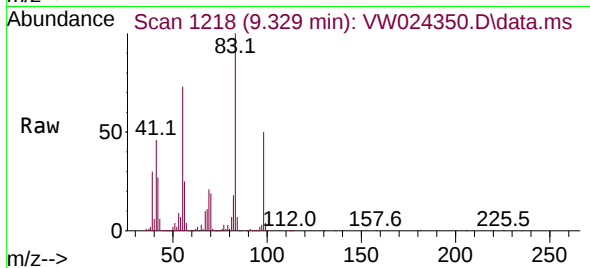
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 62.7  | 48.4  | 89.8  |
| 132 | 89.6  | 68.6  | 127.4 |
| 130 | 87.9  | 72.6  | 134.8 |



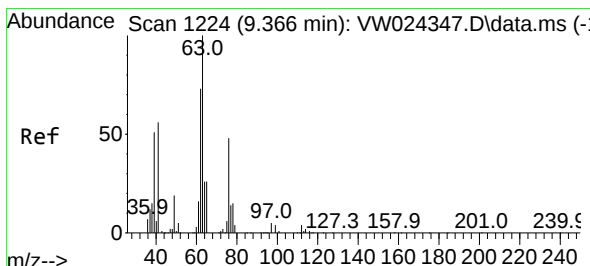
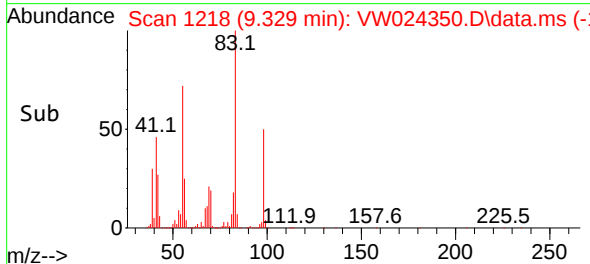
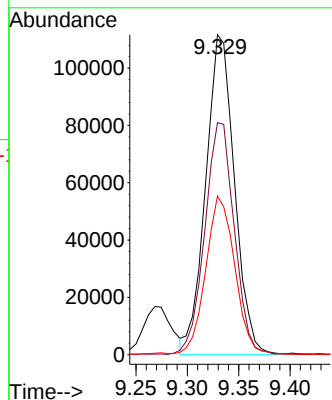


#35  
Methylcyclohexane  
Concen: 27.286 ug/L  
RT: 9.329 min Scan# 1218  
Delta R.T. -0.006 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

Instrument :  
MSVOA\_W  
ClientSampleId :

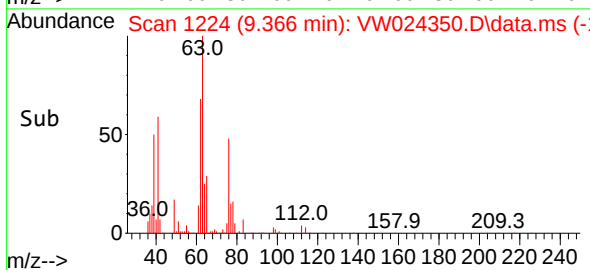
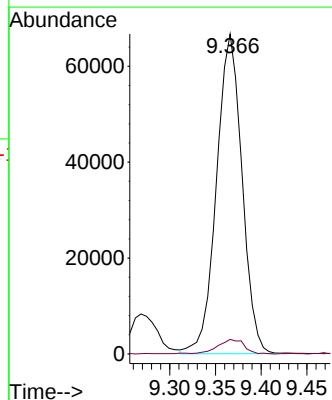
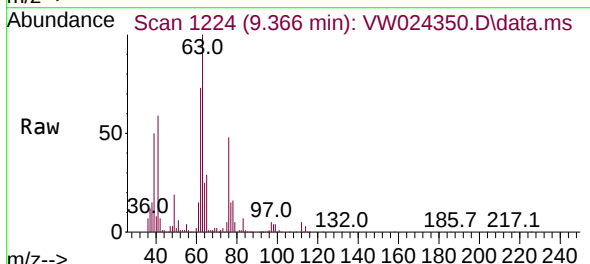


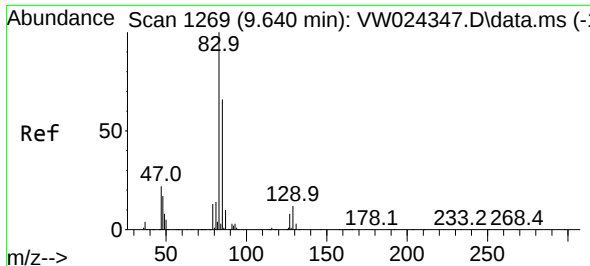
Tgt Ion: 83 Resp: 218146  
Ion Ratio Lower Upper  
83 100  
55 74.1 60.1 90.1  
98 49.7 40.5 60.7



#37  
1,2-Dichloropropane  
Concen: 26.556 ug/L  
RT: 9.366 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

Tgt Ion: 63 Resp: 129567  
Ion Ratio Lower Upper  
63 100  
112 4.6 3.4 5.0

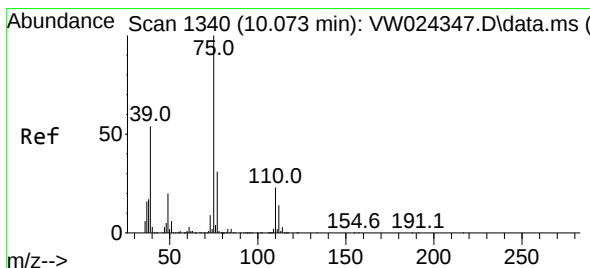
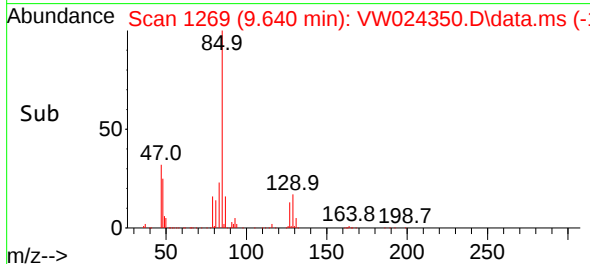
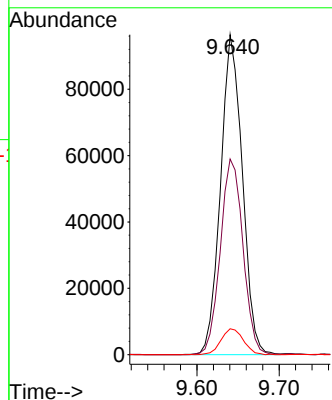
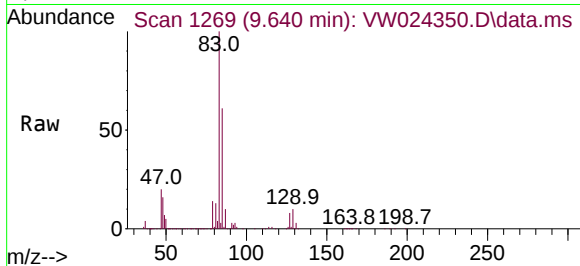




#38  
Bromodichloromethane  
Concen: 26.784 ug/L  
RT: 9.640 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

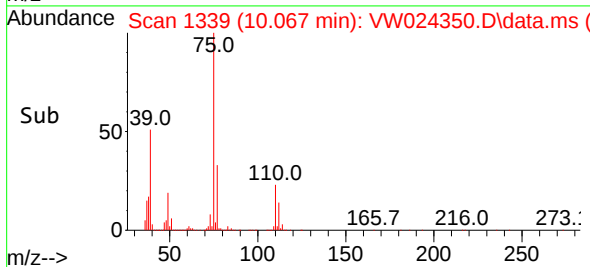
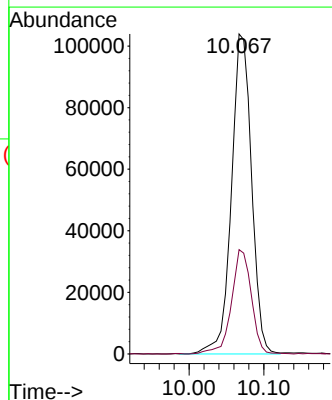
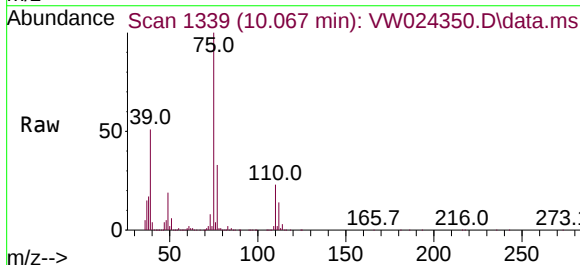
Instrument :  
MSVOA\_W  
ClientSampleId :

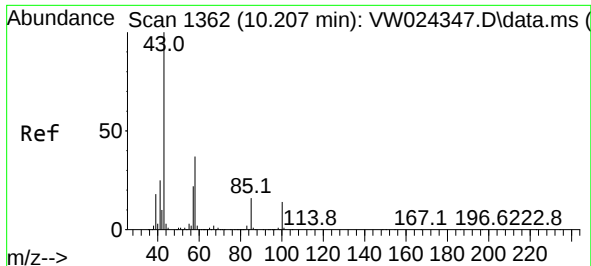
Tgt Ion: 83 Resp: 177961  
Ion Ratio Lower Upper  
83 100  
85 61.1 46.3 85.9  
127 8.1 6.7 10.1



#39  
cis-1,3-Dichloropropene  
Concen: 28.470 ug/L  
RT: 10.067 min Scan# 1339  
Delta R.T. -0.006 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

Tgt Ion: 75 Resp: 194173  
Ion Ratio Lower Upper  
75 100  
77 32.6 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 59.669 ug/L

RT: 10.207 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024350.D

Acq: 26 Aug 2022 13:48

Instrument :

MSVOA\_W

ClientSampleId :

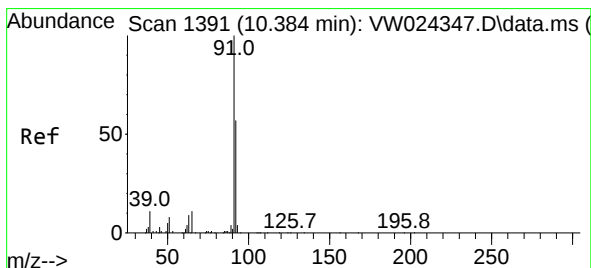
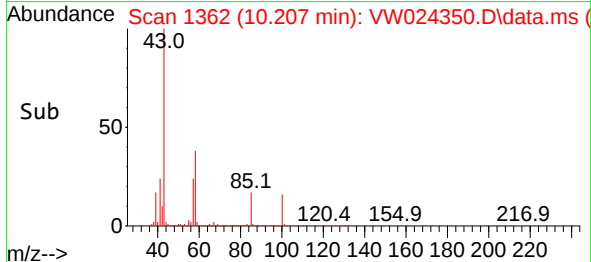
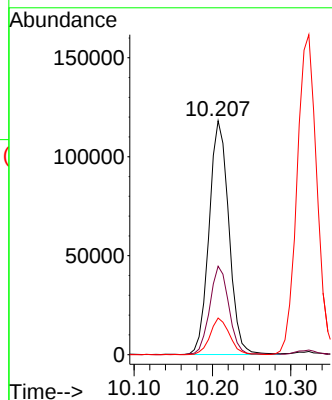
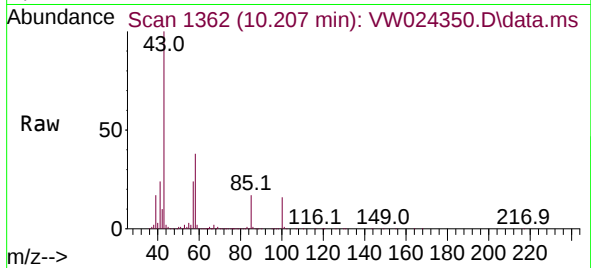
Tgt Ion: 43 Resp: 207019

Ion Ratio Lower Upper

43 100

58 36.4 29.4 44.2

100 15.5 11.8 17.8



#42

Toluene

Concen: 28.251 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024350.D

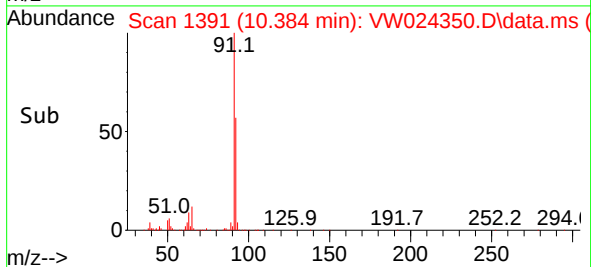
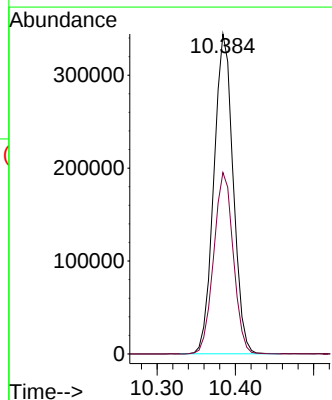
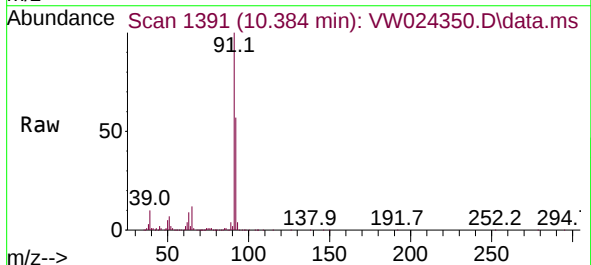
Acq: 26 Aug 2022 13:48

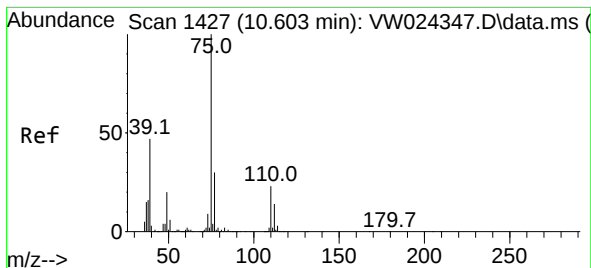
Tgt Ion: 91 Resp: 589454

Ion Ratio Lower Upper

91 100

92 56.7 40.0 74.4

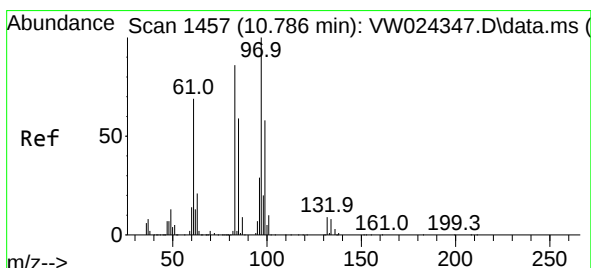
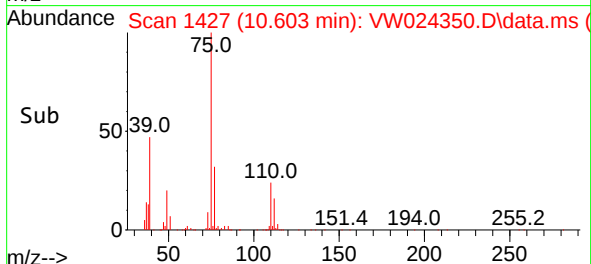
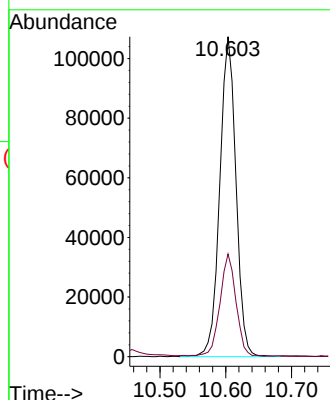
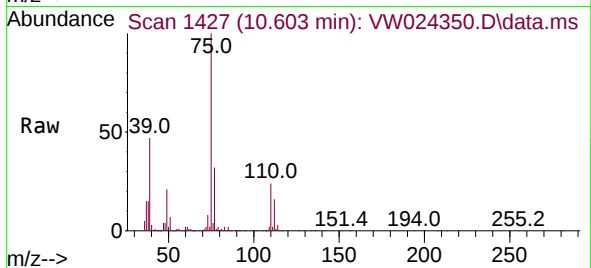




#44  
trans-1,3-Dichloropropene  
Concen: 27.801 ug/L  
RT: 10.603 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

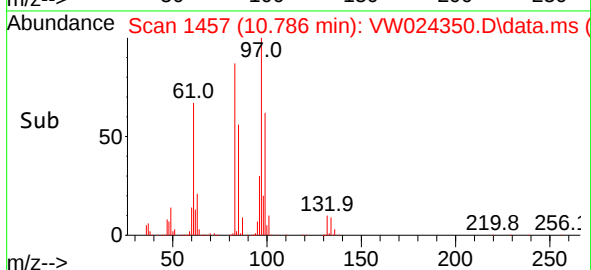
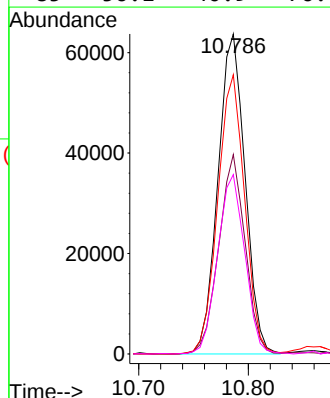
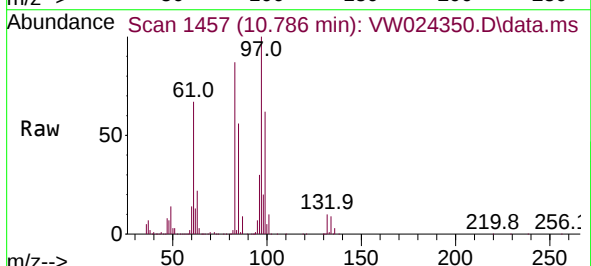
Instrument :  
MSVOA\_W  
ClientSampleId :

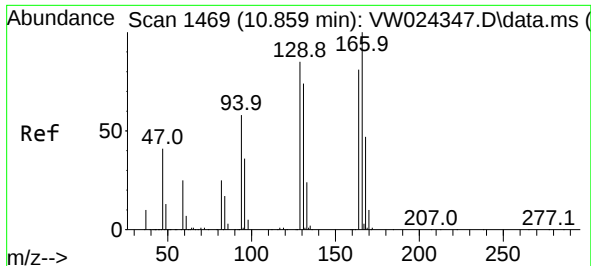
Tgt Ion: 75 Resp: 184246  
Ion Ratio Lower Upper  
75 100  
77 32.1 21.1 39.1



#45  
1,1,2-Trichloroethane  
Concen: 27.472 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

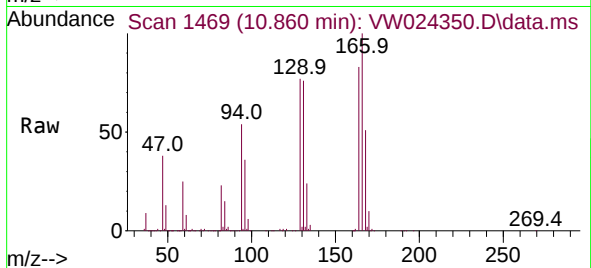
Tgt Ion: 97 Resp: 109303  
Ion Ratio Lower Upper  
97 100  
99 62.3 40.4 75.0  
83 87.2 60.1 111.5  
85 56.1 40.9 76.0



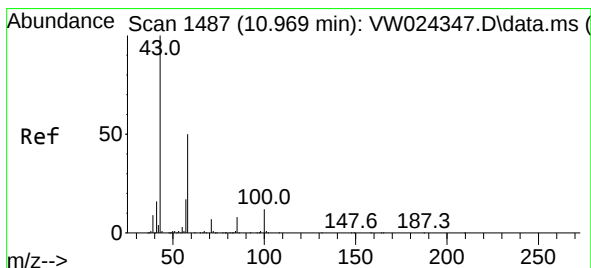
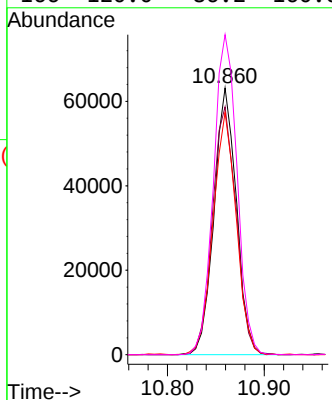
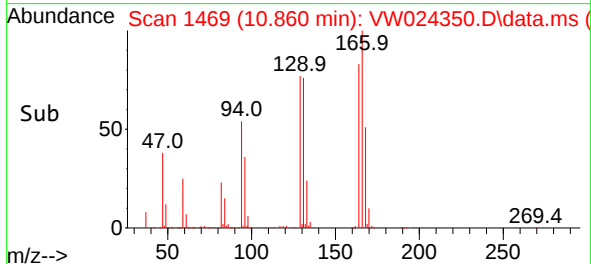


#46  
Tetrachloroethene  
Concen: 26.296 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

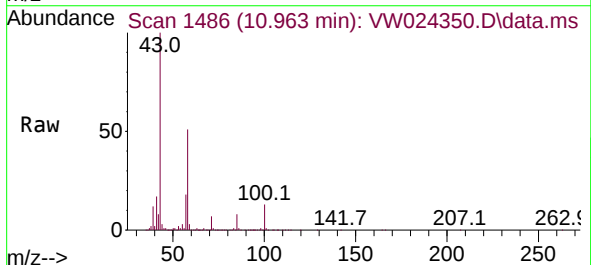
Instrument :  
MSVOA\_W  
ClientSampleId :



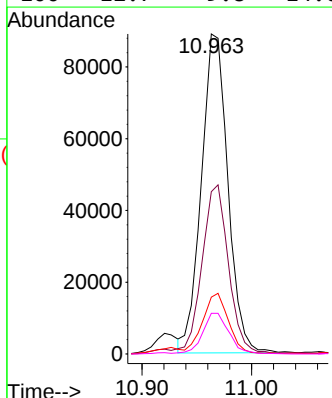
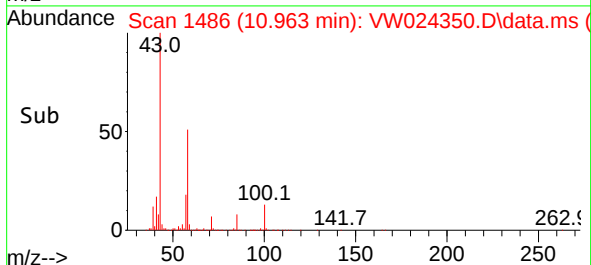
Tgt Ion:164 Resp: 101764  
Ion Ratio Lower Upper  
164 100  
129 92.9 72.9 135.3  
131 90.8 63.7 118.3  
166 120.0 86.2 160.0

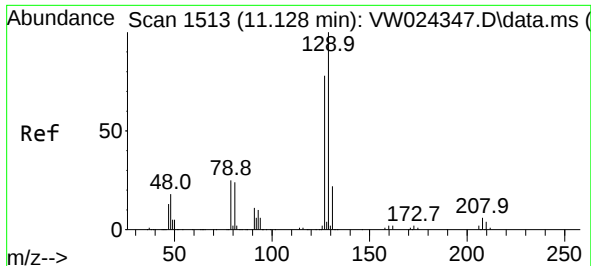


#48  
2-Hexanone  
Concen: 58.550 ug/L  
RT: 10.963 min Scan# 1486  
Delta R.T. -0.006 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48



Tgt Ion: 43 Resp: 149835  
Ion Ratio Lower Upper  
43 100  
58 52.7 40.6 61.0  
57 18.4 14.2 21.2  
100 12.7 9.8 14.6

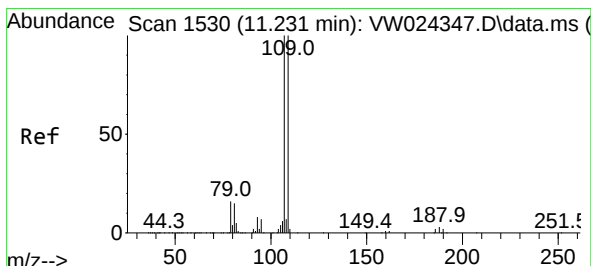
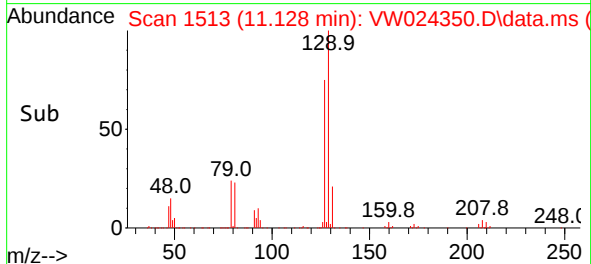
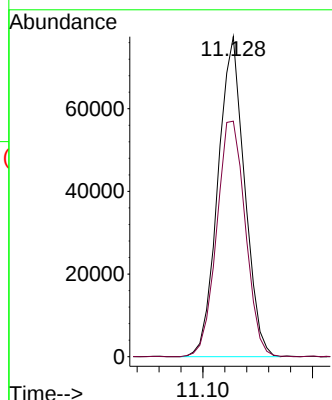
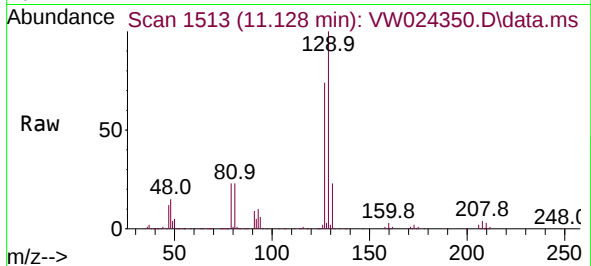




#49  
Dibromochloromethane  
Concen: 27.779 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

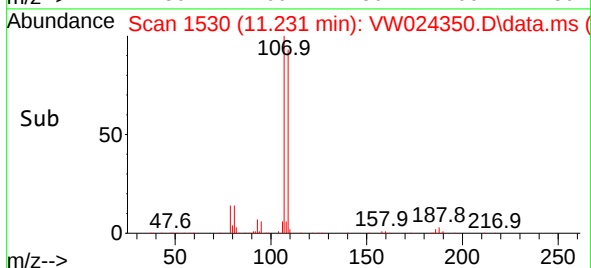
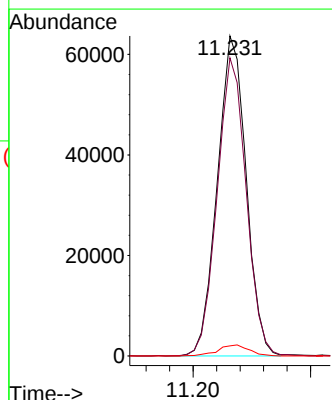
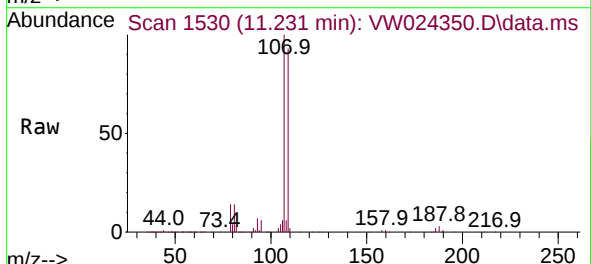
Instrument :  
MSVOA\_W  
ClientSampleId :

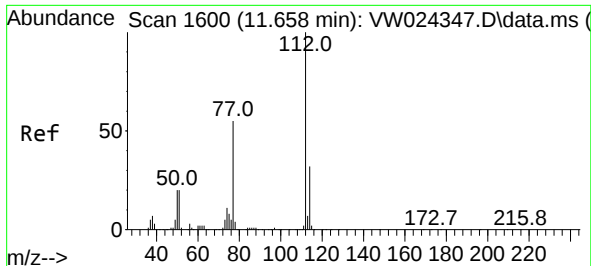
Tgt Ion:129 Resp: 130725  
Ion Ratio Lower Upper  
129 100  
127 73.6 54.6 101.4



#50  
1,2-Dibromoethane  
Concen: 28.363 ug/L  
RT: 11.231 min Scan# 1530  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

Tgt Ion:107 Resp: 108494  
Ion Ratio Lower Upper  
107 100  
109 93.1 70.1 130.1  
188 3.2 2.6 3.8

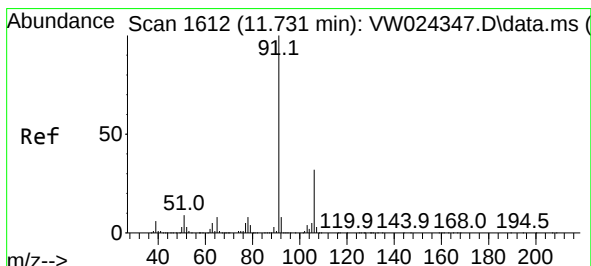
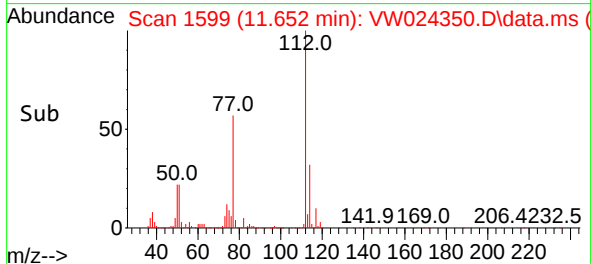
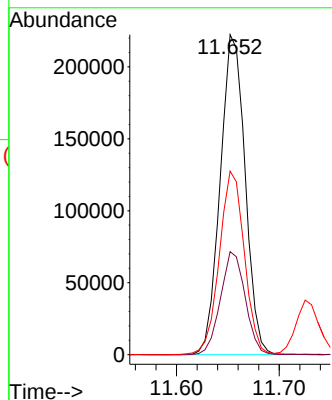
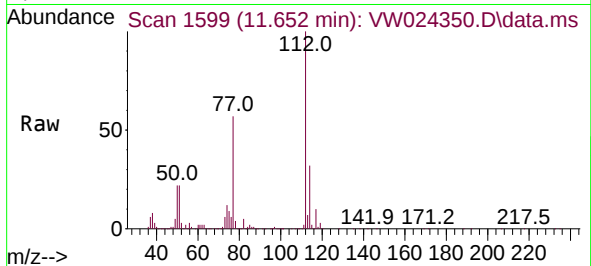




#51  
Chlorobenzene  
Concen: 26.716 ug/L  
RT: 11.652 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

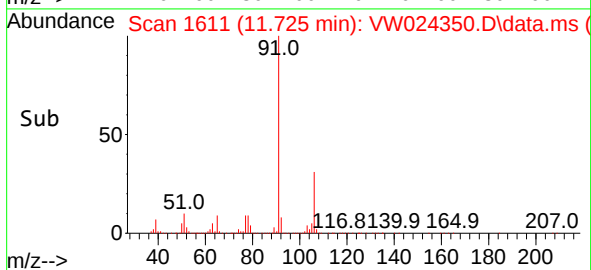
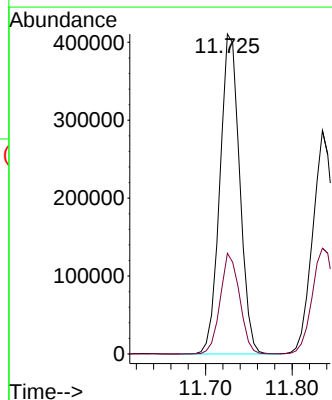
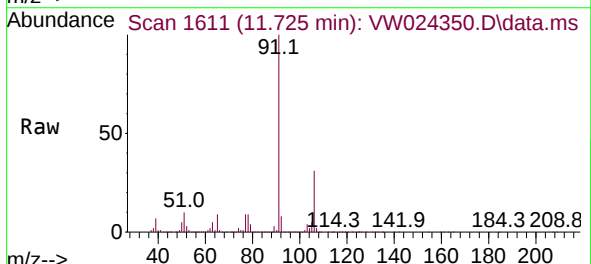
Instrument :  
MSVOA\_W  
ClientSampleId :

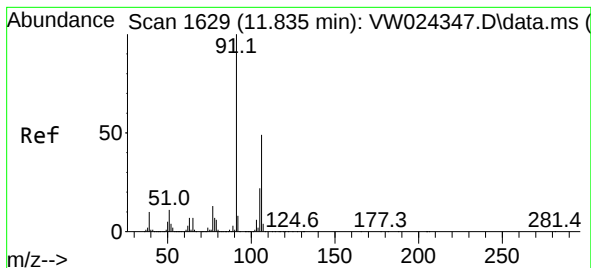
Tgt Ion:112 Resp: 374129  
Ion Ratio Lower Upper  
112 100  
114 32.2 22.3 41.3  
77 57.4 44.1 66.1



#52  
Ethylbenzene  
Concen: 28.267 ug/L  
RT: 11.725 min Scan# 1611  
Delta R.T. -0.006 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

Tgt Ion: 91 Resp: 652060  
Ion Ratio Lower Upper  
91 100  
106 31.5 22.7 42.3





#53

m,p-Xylene

Concen: 27.621 ug/L

RT: 11.835 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024350.D

Acq: 26 Aug 2022 13:48

Instrument :

MSVOA\_W

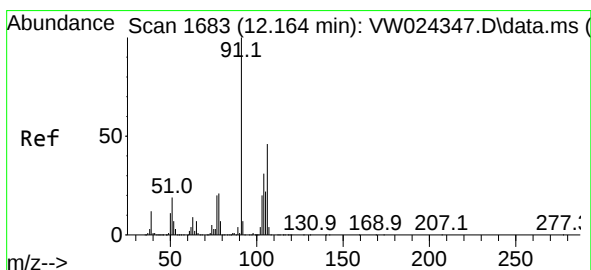
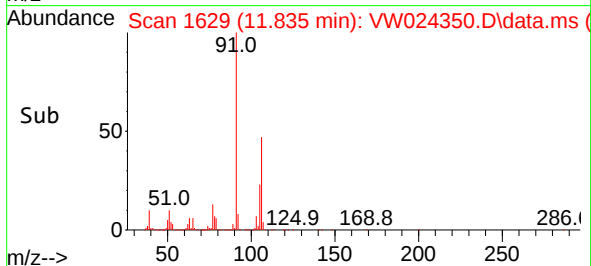
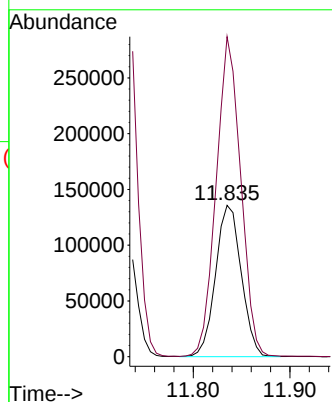
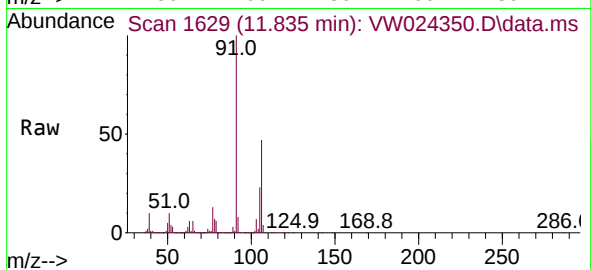
ClientSampleId :

Tgt Ion:106 Resp: 250218

Ion Ratio Lower Upper

106 100

91 211.4 144.3 267.9



#54

o-Xylene

Concen: 28.518 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VW024350.D

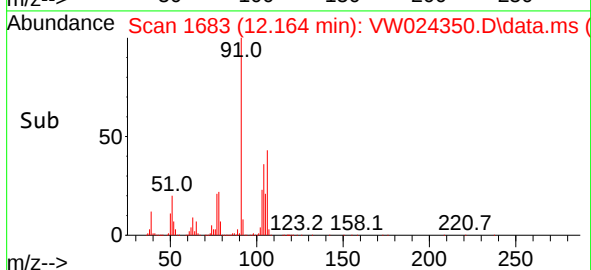
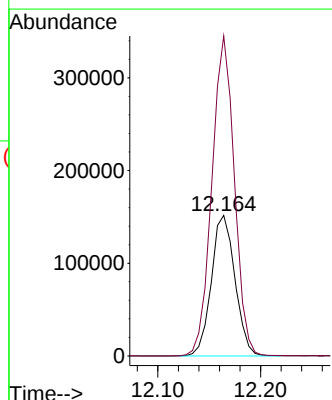
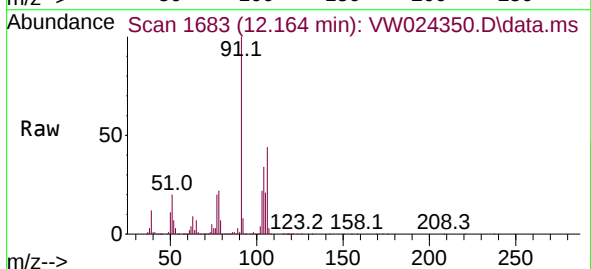
Acq: 26 Aug 2022 13:48

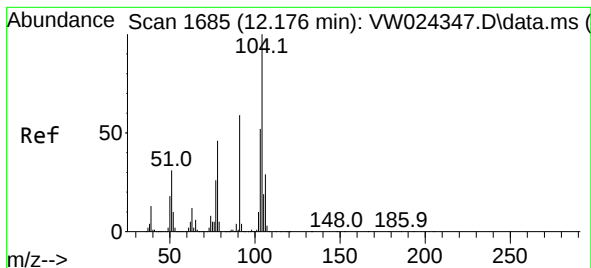
Tgt Ion:106 Resp: 241508

Ion Ratio Lower Upper

106 100

91 227.6 152.1 282.5





#55

Styrene

Concen: 29.638 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024350.D

Acq: 26 Aug 2022 13:48

Instrument :

MSVOA\_W

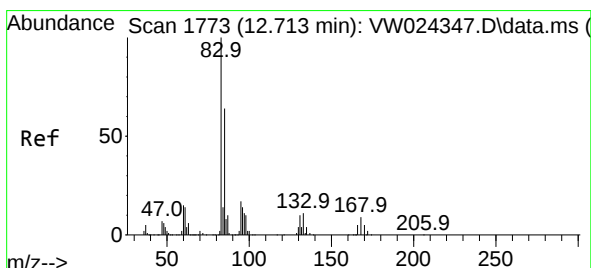
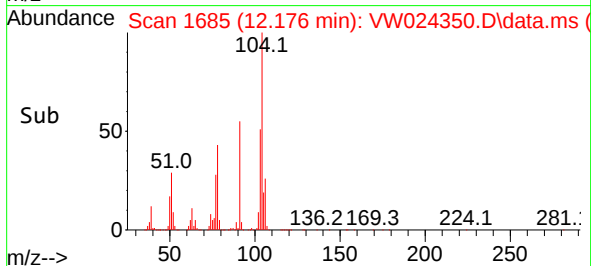
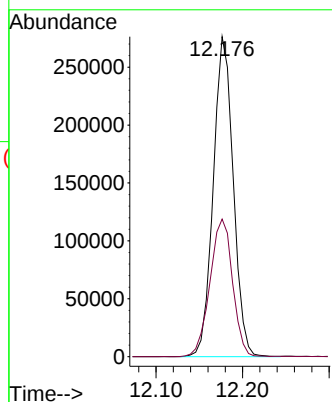
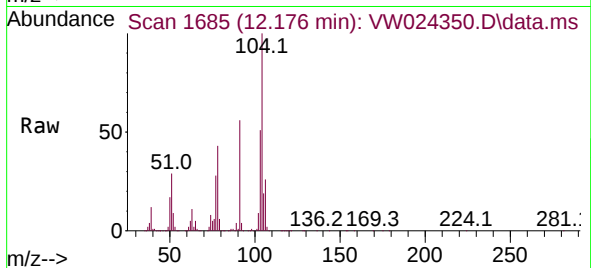
ClientSampleId :

Tgt Ion:104 Resp: 443666

Ion Ratio Lower Upper

104 100

78 43.0 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 27.574 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024350.D

Acq: 26 Aug 2022 13:48

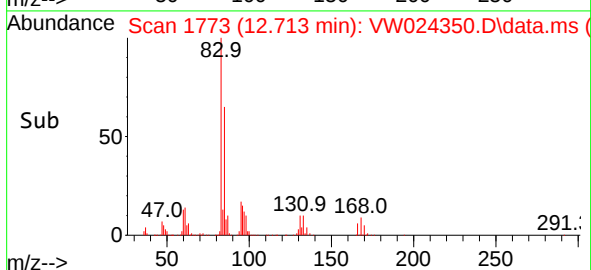
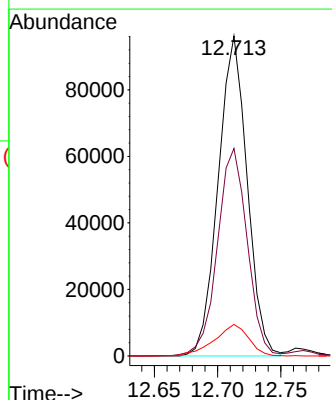
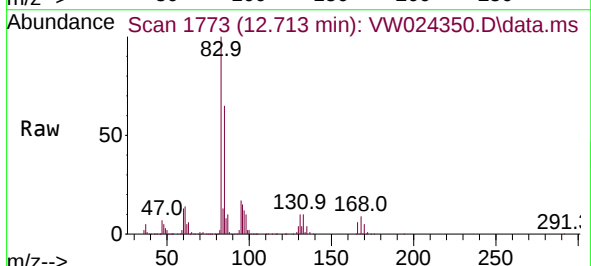
Tgt Ion: 83 Resp: 153131

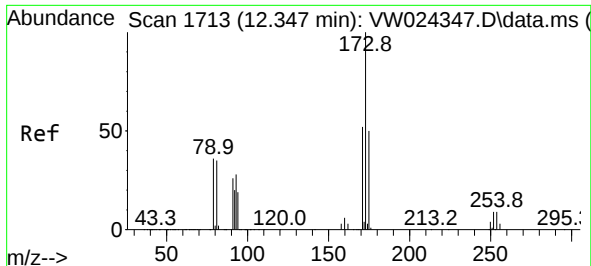
Ion Ratio Lower Upper

83 100

85 64.8 44.4 82.5

131 9.8 8.4 12.6

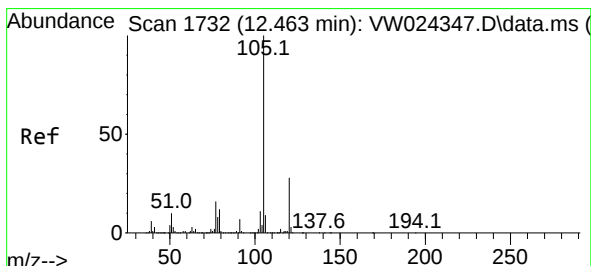
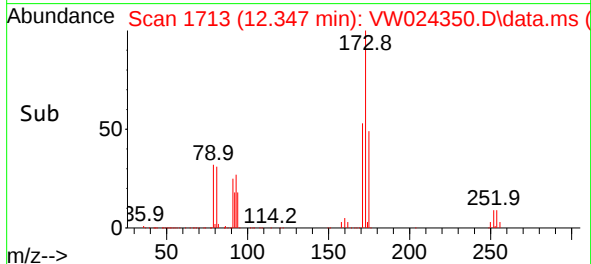
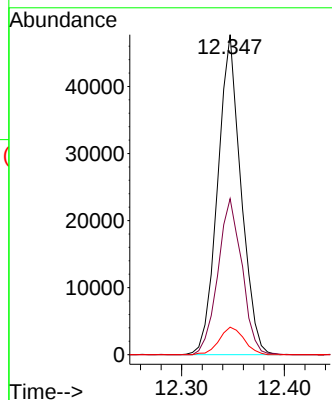
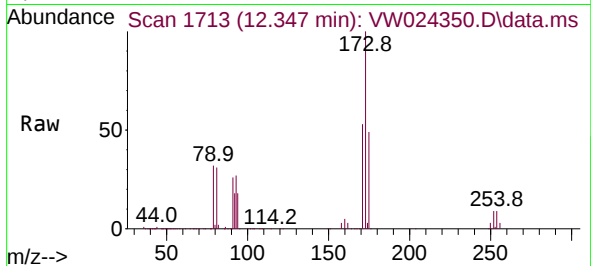




#59  
Bromoform  
Concen: 25.732 ug/L  
RT: 12.347 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

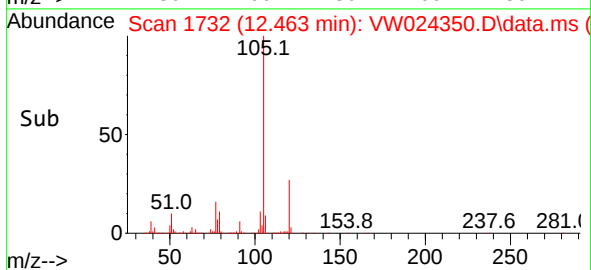
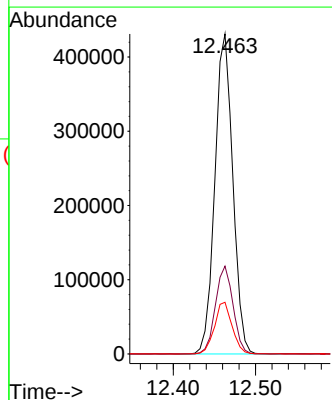
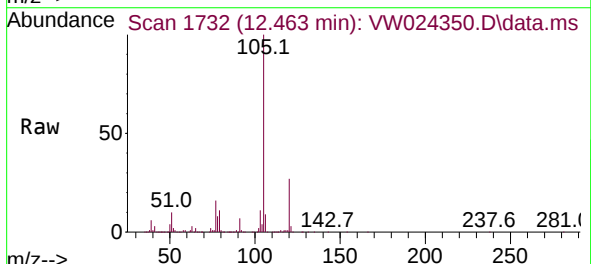
Instrument :  
MSVOA\_W  
ClientSampleId :

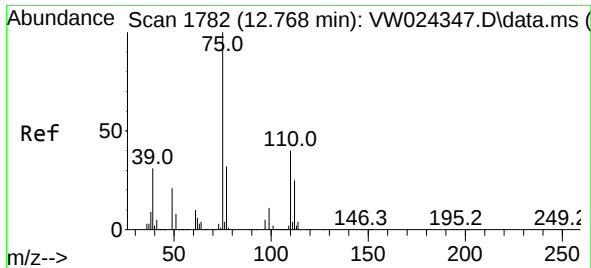
Tgt Ion:173 Resp: 75133  
Ion Ratio Lower Upper  
173 100  
175 50.2 39.8 59.6  
254 9.2 6.8 10.2



#60  
Isopropylbenzene  
Concen: 27.000 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

Tgt Ion:105 Resp: 652453  
Ion Ratio Lower Upper  
105 100  
120 26.9 21.4 32.0  
77 15.9 13.0 19.6

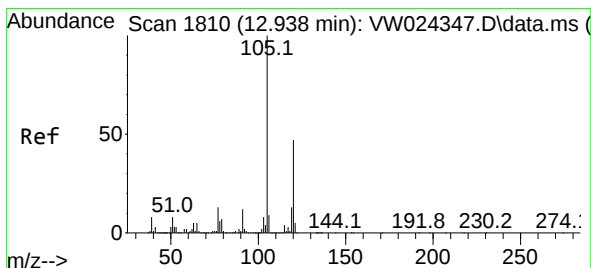
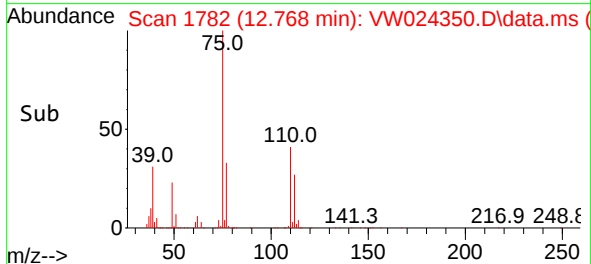
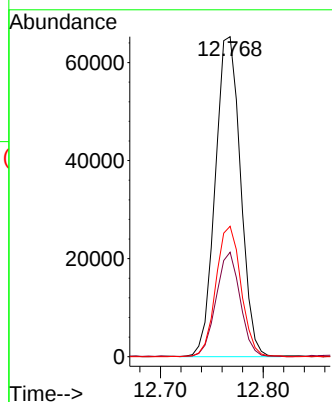
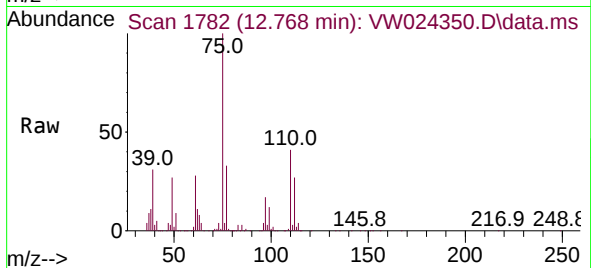




#61  
 1,2,3-Trichloropropane  
 Concen: 27.070 ug/L  
 RT: 12.768 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VW024350.D  
 Acq: 26 Aug 2022 13:48

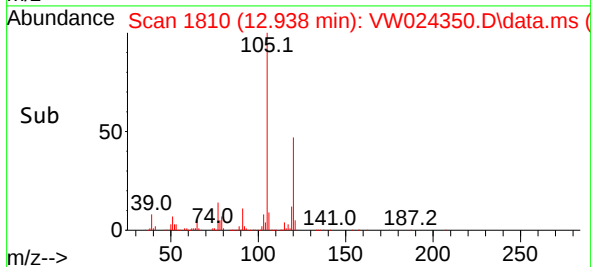
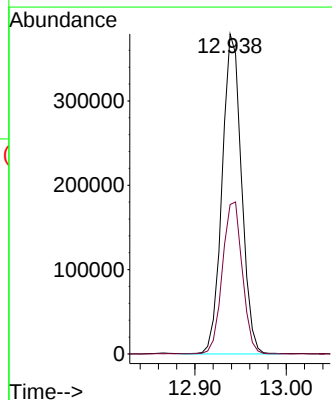
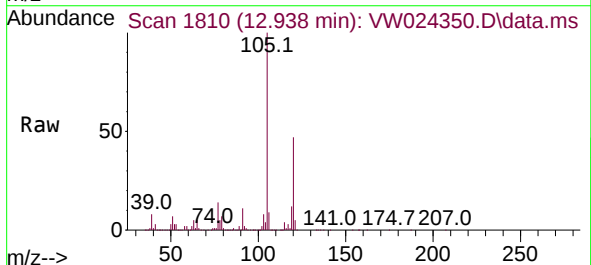
Instrument :  
 MSVOA\_W  
 ClientSampleId :

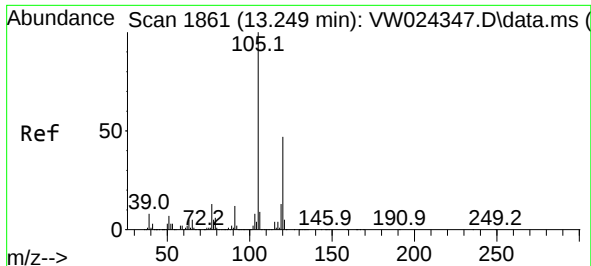
Tgt Ion: 75 Resp: 111377  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 26.5 39.7  
 110 40.4 33.8 50.8



#62  
 1,3,5-Trimethylbenzene  
 Concen: 28.678 ug/L  
 RT: 12.938 min Scan# 1810  
 Delta R.T. 0.000 min  
 Lab File: VW024350.D  
 Acq: 26 Aug 2022 13:48

Tgt Ion: 105 Resp: 558797  
 Ion Ratio Lower Upper  
 105 100  
 120 48.8 38.4 57.6

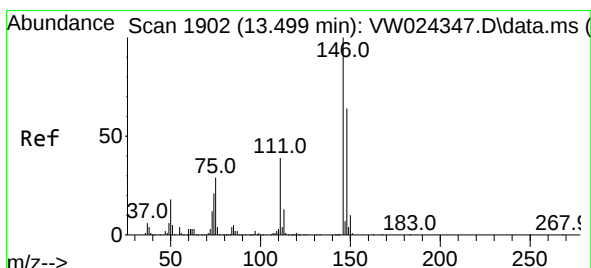
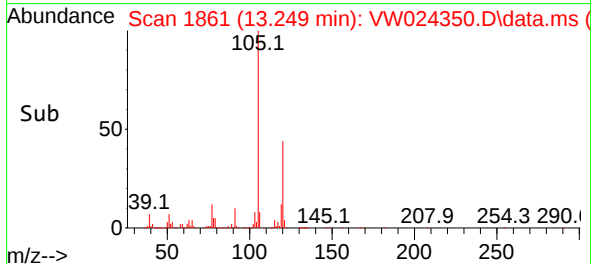
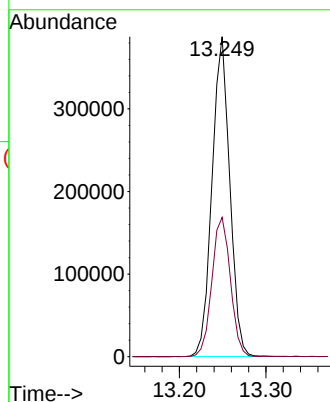
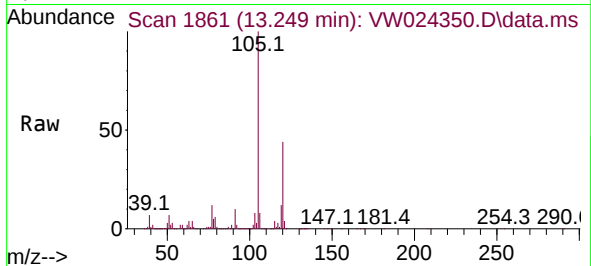




#63  
1,2,4-Trimethylbenzene  
Concen: 29.113 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

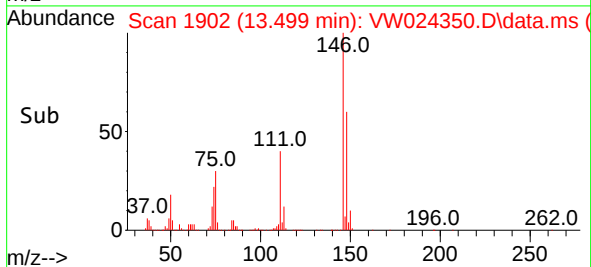
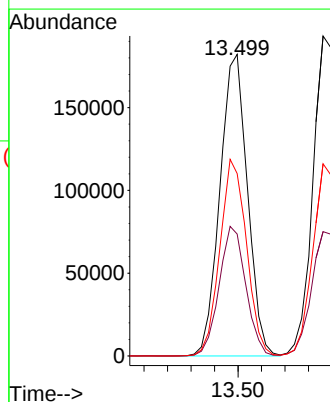
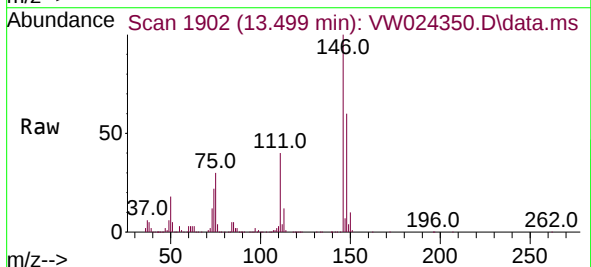
Instrument :  
MSVOA\_W  
ClientSampleId :

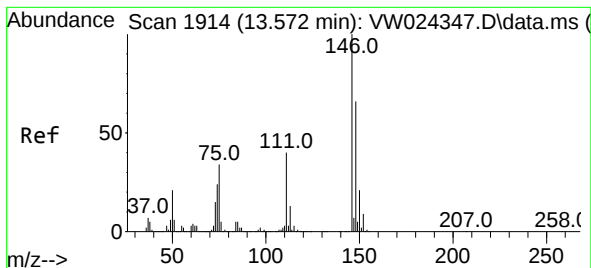
Tgt Ion:105 Resp: 551008  
Ion Ratio Lower Upper  
105 100  
120 45.4 36.2 54.2



#64  
1,3-Dichlorobenzene  
Concen: 25.664 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

Tgt Ion:146 Resp: 296517  
Ion Ratio Lower Upper  
146 100  
111 40.4 27.0 50.2  
148 60.5 44.9 83.3





#65

1,4-Dichlorobenzene

Concen: 25.312 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW024350.D

Acq: 26 Aug 2022 13:48

Instrument :

MSVOA\_W

ClientSampleId :

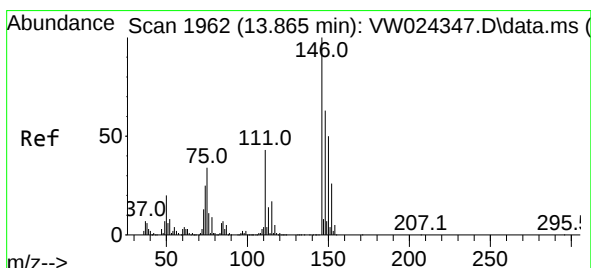
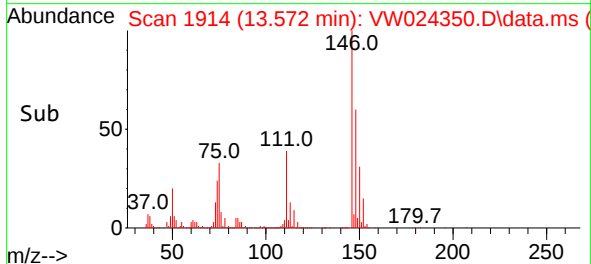
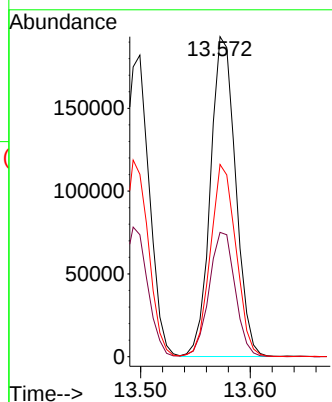
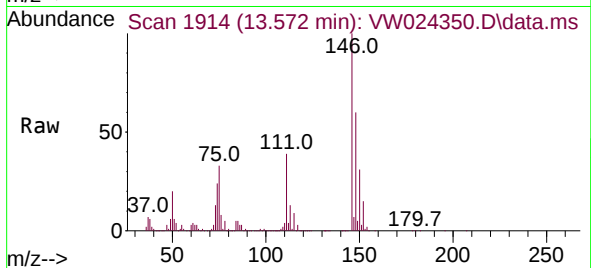
Tgt Ion:146 Resp: 308757

Ion Ratio Lower Upper

146 100

111 38.8 27.7 51.5

148 60.0 46.5 86.5



#67

1,2-Dichlorobenzene

Concen: 26.650 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024350.D

Acq: 26 Aug 2022 13:48

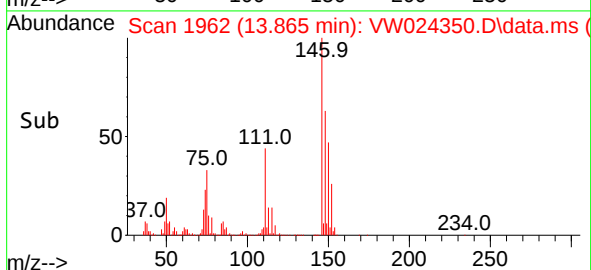
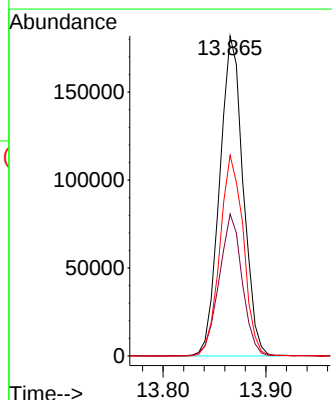
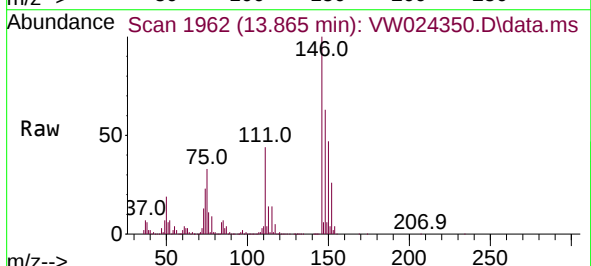
Tgt Ion:146 Resp: 288629

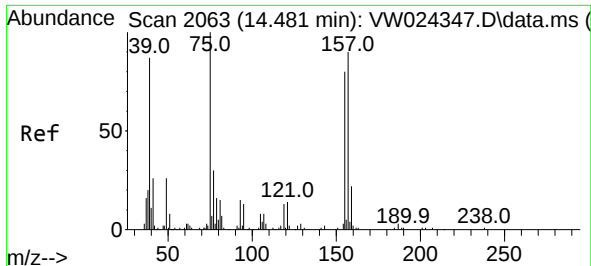
Ion Ratio Lower Upper

146 100

111 44.4 34.5 51.7

148 62.7 50.6 75.8

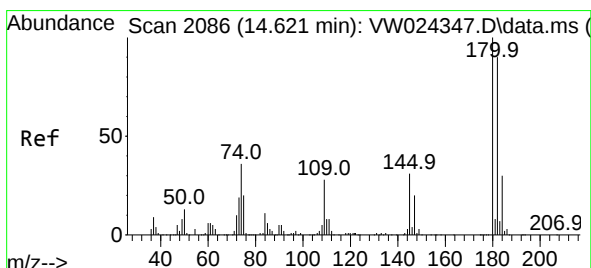
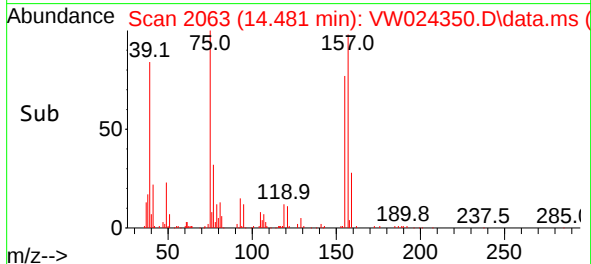
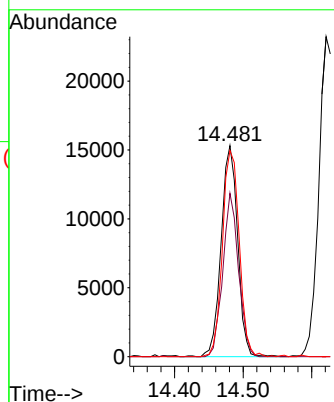
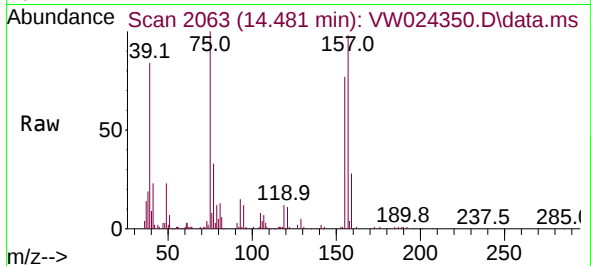




#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 24.708 ug/L  
 RT: 14.481 min Scan# 2063  
 Delta R.T. 0.000 min  
 Lab File: VW024350.D  
 Acq: 26 Aug 2022 13:48

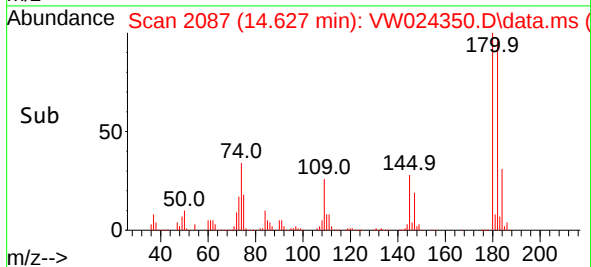
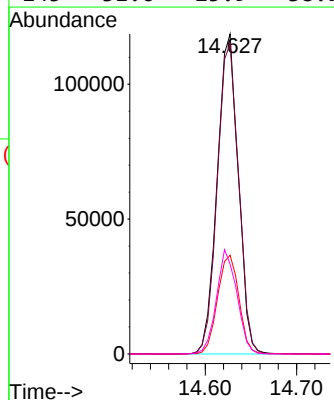
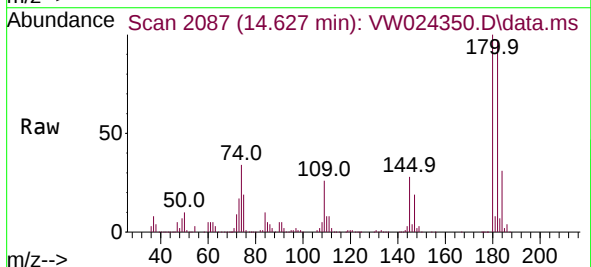
Instrument :  
 MSVOA\_W  
 ClientSampleId :

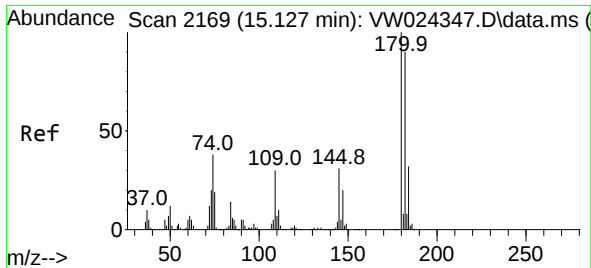
|             |                 |
|-------------|-----------------|
| Tgt Ion: 75 | Resp: 25541     |
| Ion Ratio   | Lower Upper     |
| 75          | 100             |
| 155         | 77.4 63.9 95.9  |
| 157         | 97.7 72.2 108.4 |



#69  
 1,3,5-Trichlorobenzene  
 Concen: 25.467 ug/L  
 RT: 14.627 min Scan# 2087  
 Delta R.T. 0.006 min  
 Lab File: VW024350.D  
 Acq: 26 Aug 2022 13:48

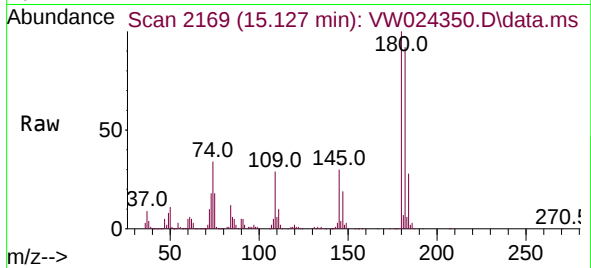
|              |                 |
|--------------|-----------------|
| Tgt Ion: 180 | Resp: 189920    |
| Ion Ratio    | Lower Upper     |
| 180          | 100             |
| 182          | 98.4 76.6 114.8 |
| 184          | 31.3 24.5 36.7  |
| 145          | 31.6 25.9 38.9  |



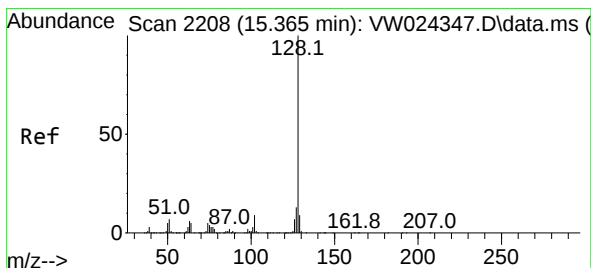
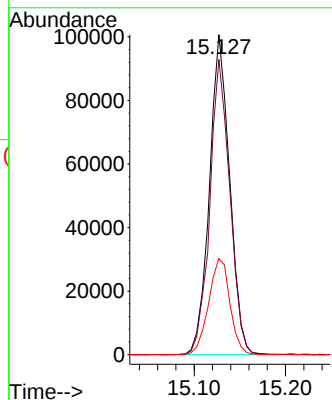
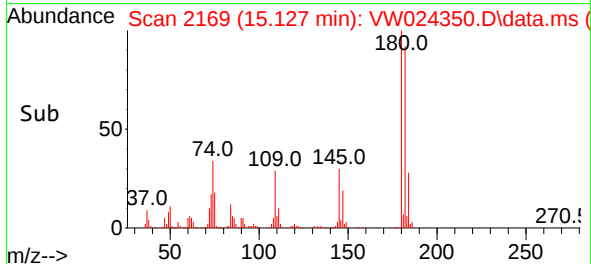


#70  
1,2,4-trichlorobenzene  
Concen: 26.703 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48

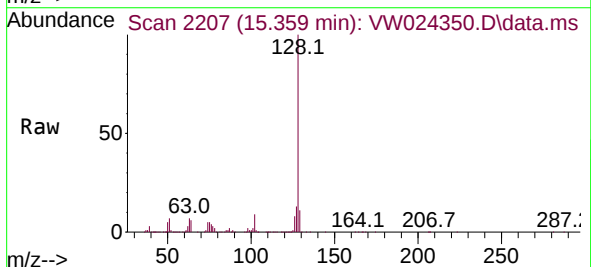
Instrument :  
MSVOA\_W  
ClientSampleId :



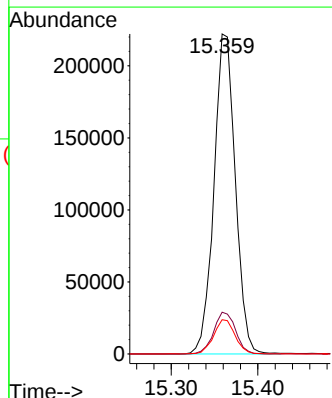
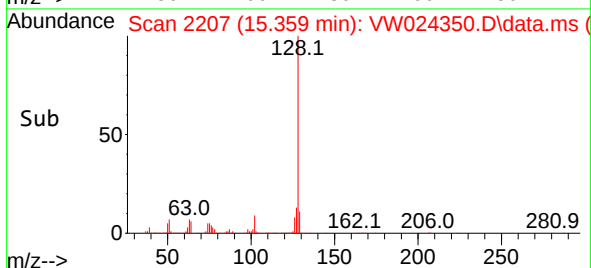
Tgt Ion:180 Resp: 154802  
Ion Ratio Lower Upper  
180 100  
182 91.2 72.6 109.0  
145 31.7 26.2 39.2

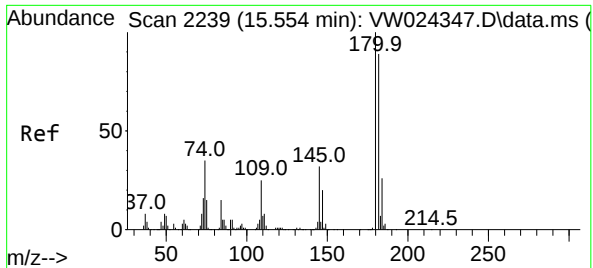


#71  
Naphthalene  
Concen: 29.921 ug/L  
RT: 15.359 min Scan# 2207  
Delta R.T. -0.006 min  
Lab File: VW024350.D  
Acq: 26 Aug 2022 13:48



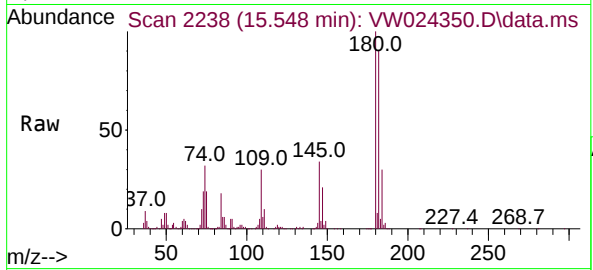
Tgt Ion:128 Resp: 380940  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.5 15.7  
129 10.8 8.3 12.5





#72  
 1,2,3-Trichlorobenzene  
 Concen: 27.241 ug/L  
 RT: 15.548 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VW024350.D  
 Acq: 26 Aug 2022 13:48

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 149249 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.4  | 74.6  | 111.8  |
| 145       | 34.3  | 26.6  | 40.0   |

