

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062023\  
 Data File : VU054615.D  
 Acq On : 20 Jun 2023 16:45  
 Operator : MD/SY  
 Sample : 03326-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCA41

Quant Time: Jun 21 04:03:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 21 04:02:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 321781   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 310153   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 155528   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 125985   | 6.152    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 123.000% |
| 7) Chloroethane-d5            | 1.911  | 69    | 97662    | 5.094    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 101.800% |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 46285    | 5.061    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 101.200% |
| 20) 2-Butanone-d5             | 4.624  | 46    | 255842   | 44.435   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 88.860%  |
| 24) Chloroform-d              | 5.058  | 84    | 181311   | 4.236    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 91989    | 4.408    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.200%  |
| 32) Benzene-d6                | 5.721  | 84    | 385486   | 4.471    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 125933   | 4.374    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 87.400%  |
| 41) Toluene-d8                | 7.894  | 98    | 327350   | 4.278    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 47432    | 4.737    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 94.800%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 185487   | 44.157   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 88.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 88705    | 4.131    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 82.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 116922   | 4.457    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.518  | 50    | 137647   | 3.985    | ug/L   | 98       |
| 6) Bromomethane               | 1.856  | 94    | 58887    | 3.021    | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 2.136  | 101   | 312412   | 7.168    | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 82942    | 3.554    | ug/L # | 73       |
| 13) Acetone                   | 2.631  | 43    | 281783   | 51.906   | ug/L   | 97       |
| 14) Carbon disulfide          | 2.788  | 76    | 399381   | 5.771    | ug/L   | 99       |
| 16) Methylene chloride        | 3.042  | 84    | 81790    | 2.492    | ug/L   | 95       |
| 17) Methyl tert-butyl Ether   | 3.361  | 73    | 477784   | 8.294    | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.862  | 63    | 463821   | 9.301    | ug/L   | 99       |
| 21) 2-Butanone                | 4.698  | 43    | 742522   | 105.389  | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 5.788  | 62    | 216212   | 7.503    | ug/L   | 98       |
| 29) 1,1,1-Trichloroethane     | 5.309  | 97    | 352261   | 8.376    | ug/L   | 97       |
| 30) Cyclohexane               | 5.383  | 56    | 515572   | 11.255   | ug/L   | 97       |
| 31) Carbon tetrachloride      | 5.309  | 117   | 45757    | 1.263    | ug/L   | 98       |
| 34) Trichloroethene           | 6.538  | 95    | 145156   | 4.925    | ug/L   | 94       |
| 35) Methylcyclohexane         | 6.759  | 83    | 267658   | 6.008    | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 6.788  | 63    | 66390    | 2.203    | ug/L   | 99       |
| 42) Toluene                   | 7.965  | 91    | 980668   | 8.543    | ug/L   | 100      |
| 47) Tetrachloroethene         | 8.547  | 164   | 173229   | 7.678    | ug/L   | 100      |

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 Sample : 03326-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

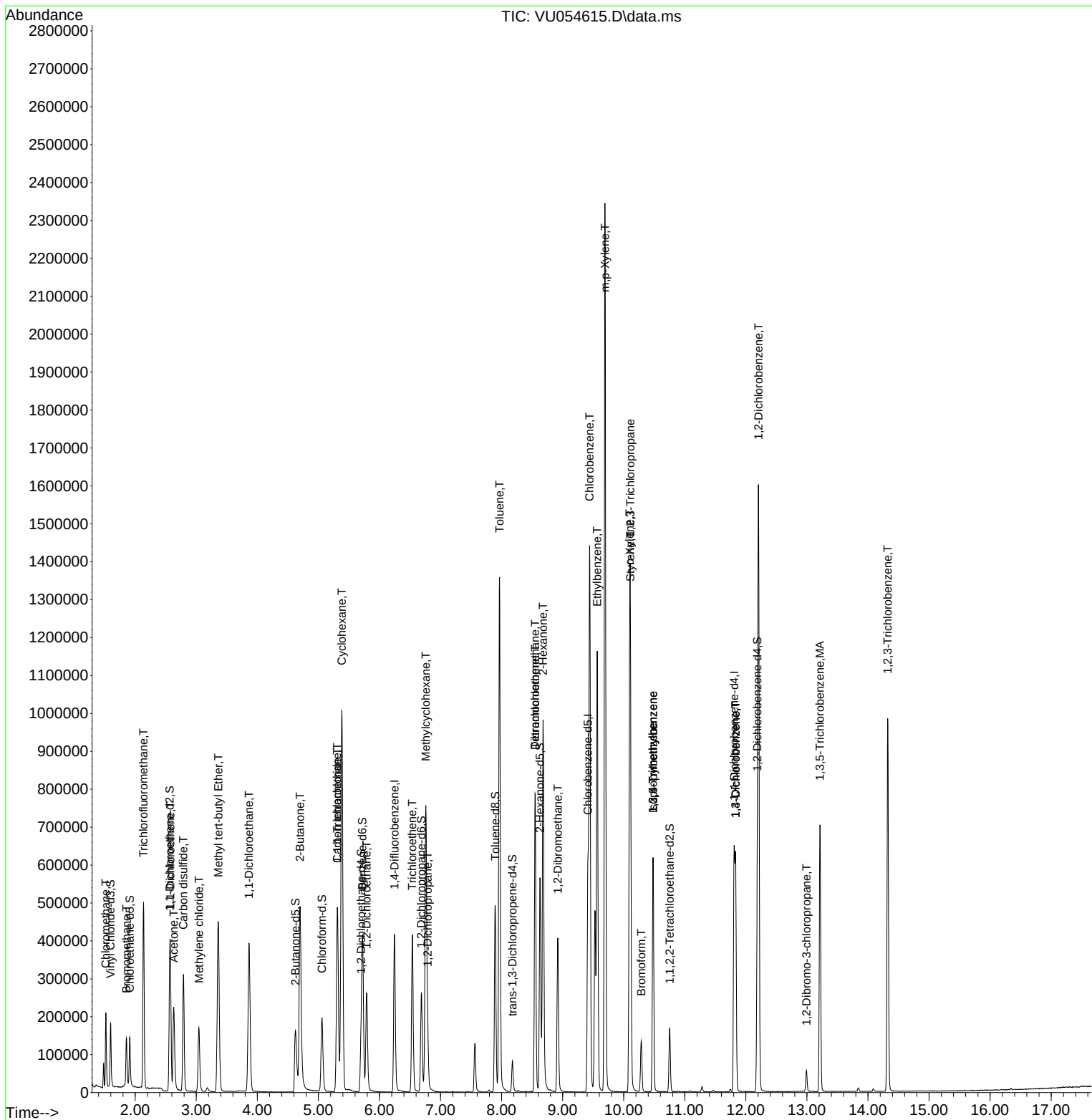
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCA41

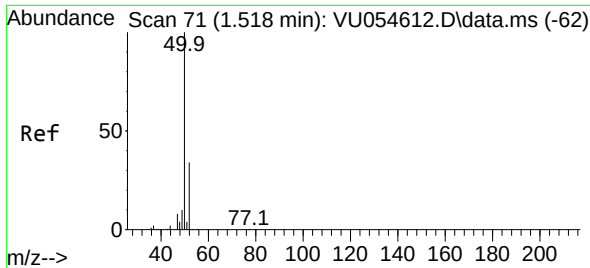
Quant Time: Jun 21 04:03:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 21 04:02:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 48) 2-Hexanone                | 8.679  | 43   | 634615   | 52.955 | ug/L   | 97       |
| 49) Dibromochloromethane      | 8.550  | 129  | 167457   | 8.318  | ug/L # | 11       |
| 50) 1,2-Dibromoethane         | 8.920  | 107  | 271412   | 15.419 | ug/L   | 100      |
| 51) Chlorobenzene             | 9.441  | 112  | 734889   | 10.270 | ug/L   | 97       |
| 52) Ethylbenzene              | 9.566  | 91   | 801976   | 6.397  | ug/L   | 98       |
| 53) m,p-Xylene                | 9.692  | 106  | 609146   | 13.227 | ug/L   | 98       |
| 54) o-Xylene                  | 10.097 | 106  | 237526   | 5.333  | ug/L   | 97       |
| 55) Styrene                   | 10.110 | 104  | 400518   | 5.358  | ug/L   | 99       |
| 59) Bromoform                 | 10.287 | 173  | 61829    | 5.537  | ug/L   | 97       |
| 60) Isopropylbenzene          | 10.479 | 105  | 385671   | 3.390  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.107 | 75   | 22433    | 1.427  | ug/L # | 1        |
| 62) 1,3,5-Trimethylbenzene    | 10.479 | 105  | 385671   | 4.155  | ug/L # | 68       |
| 63) 1,2,4-Trimethylbenzene    | 10.479 | 105  | 385671   | 4.091  | ug/L # | 71       |
| 64) 1,3-Dichlorobenzene       | 11.833 | 146  | 225926   | 4.248  | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.833 | 146  | 225926   | 4.233  | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 12.206 | 146  | 587123   | 12.004 | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.991 | 75   | 15212    | 4.404  | ug/L   | 84       |
| 69) 1,3,5-Trichlorobenzene    | 13.212 | 180  | 213118   | 5.311  | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 292372   | 10.257 | ug/L   | 99       |
| -----                         |        |      |          |        |        |          |

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

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QLast Update : Wed Jun 21 04:02:18 2023  
Response via : Initial Calibration

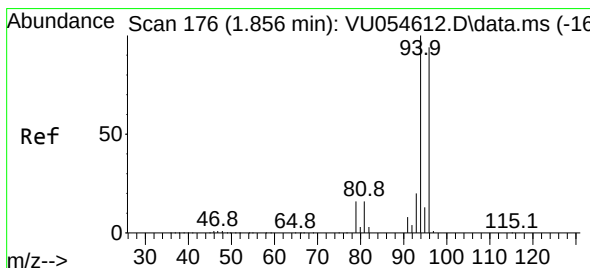
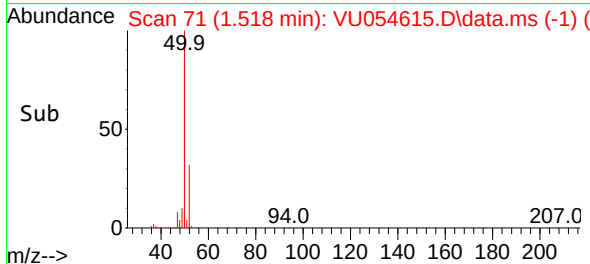
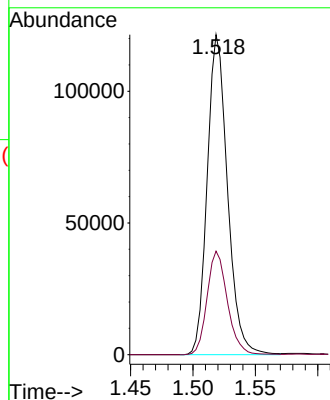
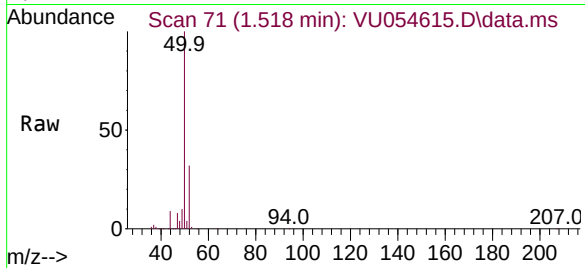




#3  
Chloromethane  
Concen: 3.985 ug/L  
RT: 1.518 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

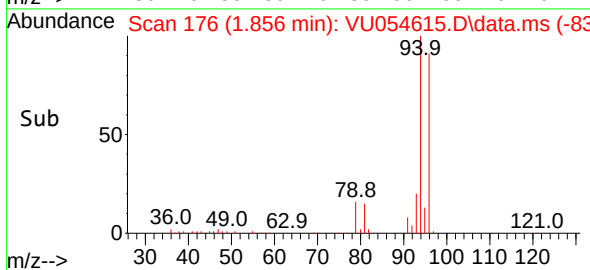
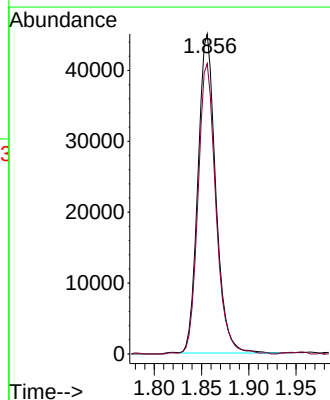
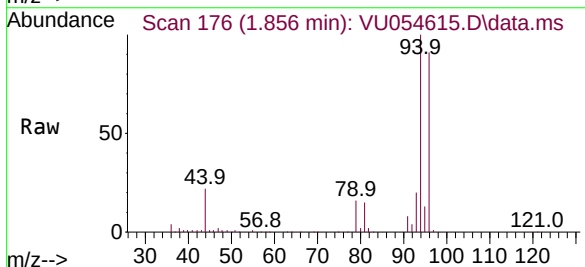
Instrument :  
MSVOA\_U  
ClientSampleId :  
GCA41

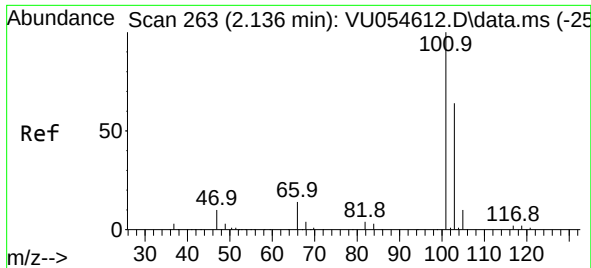
Tgt Ion: 50 Resp: 137647  
Ion Ratio Lower Upper  
50 100  
52 32.3 23.4 43.4



#6  
Bromomethane  
Concen: 3.021 ug/L  
RT: 1.856 min Scan# 176  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

Tgt Ion: 94 Resp: 58887  
Ion Ratio Lower Upper  
94 100  
96 90.8 63.6 118.2

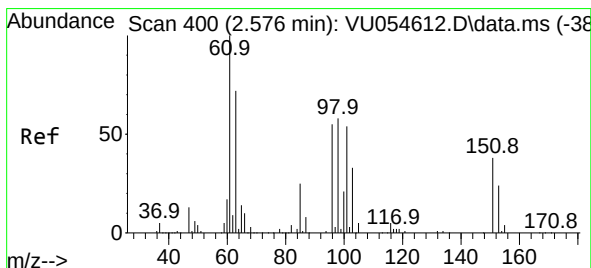
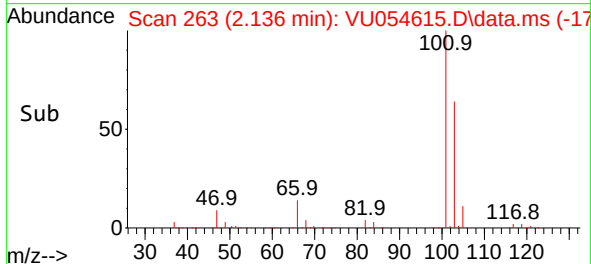
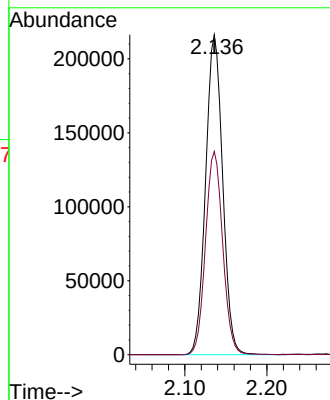
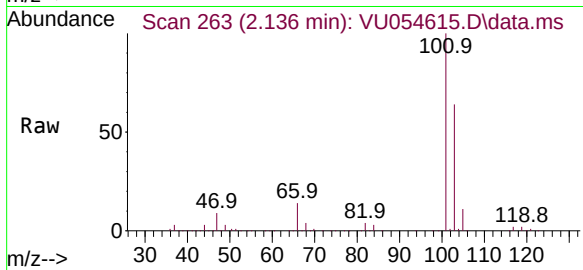




#9  
 Trichlorofluoromethane  
 Concen: 7.168 ug/L  
 RT: 2.136 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VU054615.D  
 Acq: 20 Jun 2023 16:45

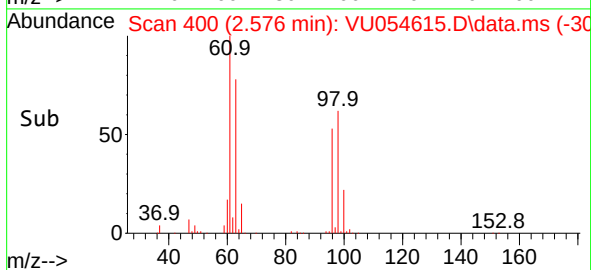
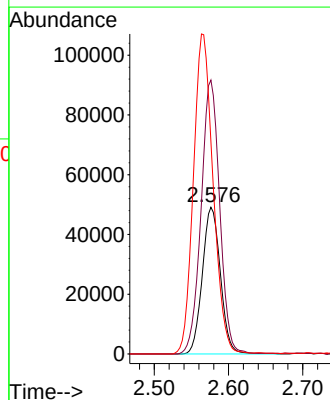
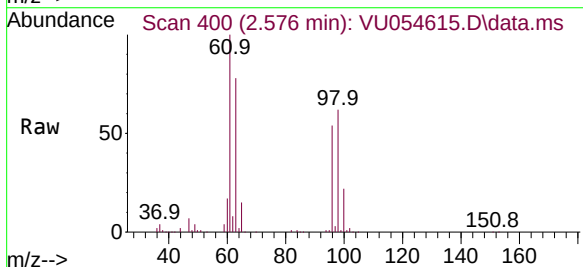
Instrument :  
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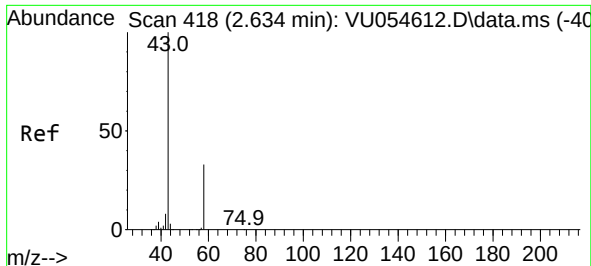
Tgt Ion:101 Resp: 312412  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 50.6 75.8



#12  
 1,1-Dichloroethene  
 Concen: 3.554 ug/L  
 RT: 2.576 min Scan# 400  
 Delta R.T. 0.000 min  
 Lab File: VU054615.D  
 Acq: 20 Jun 2023 16:45

Tgt Ion: 96 Resp: 82942  
 Ion Ratio Lower Upper  
 96 100  
 61 186.7 119.9 222.7  
 63 144.7 64.3 119.3#





#13

Acetone

Concen: 51.906 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU054615.D

Acq: 20 Jun 2023 16:45

Instrument :

MSVOA\_U

ClientSampleId :

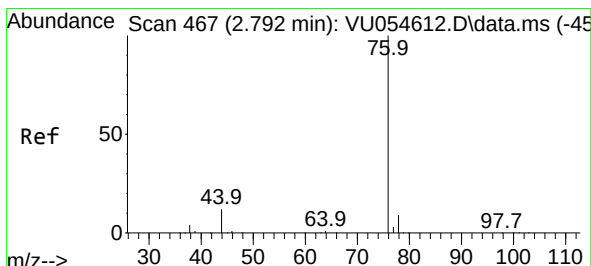
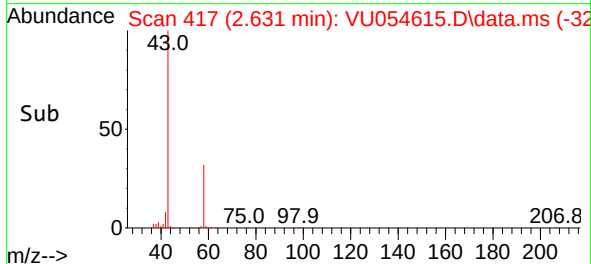
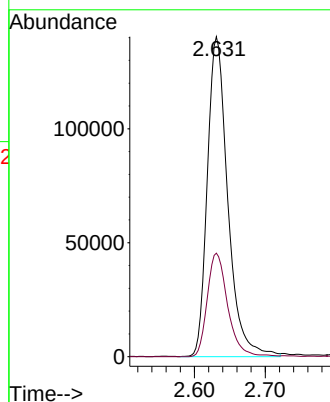
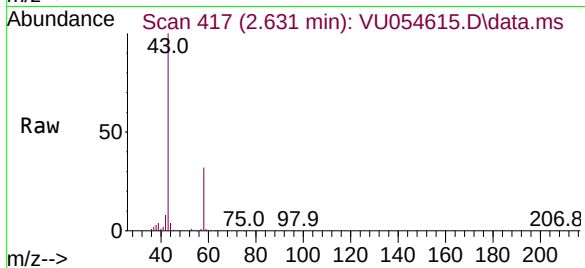
GCA41

Tgt Ion: 43 Resp: 281783

Ion Ratio Lower Upper

43 100

58 32.0 0.0 67.2



#14

Carbon disulfide

Concen: 5.771 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU054615.D

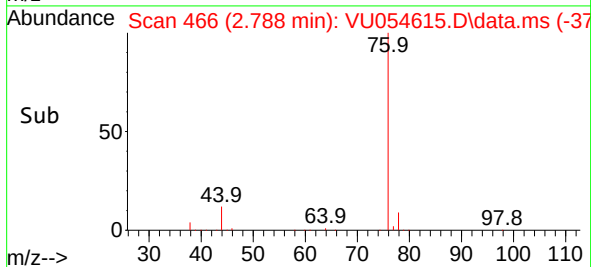
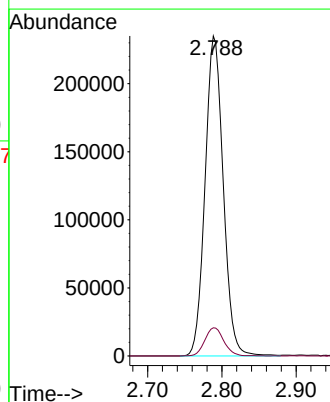
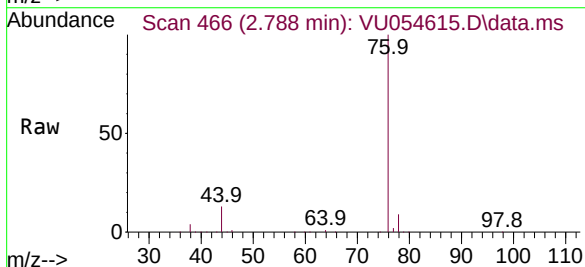
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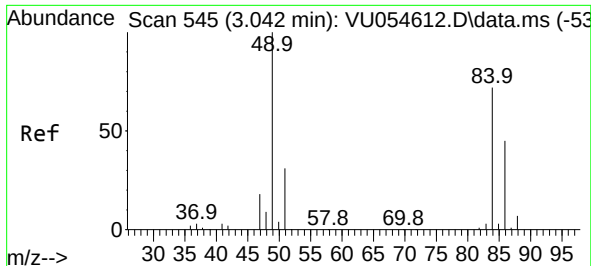
Tgt Ion: 76 Resp: 399381

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

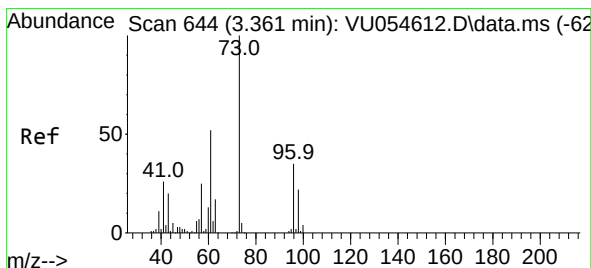
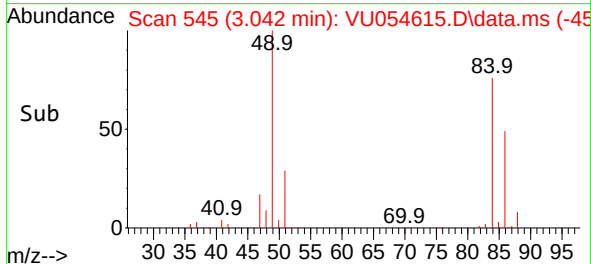
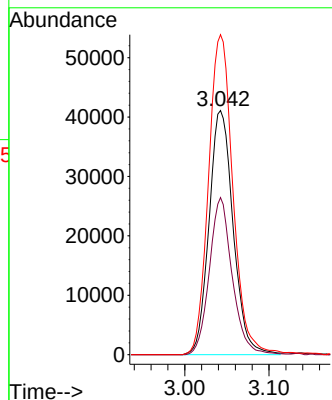
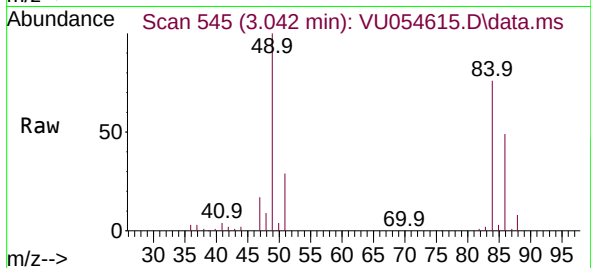




#16  
Methylene chloride  
Concen: 2.492 ug/L  
RT: 3.042 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

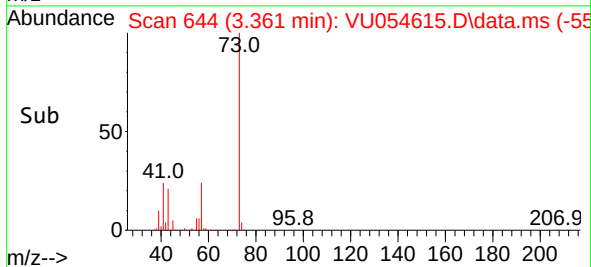
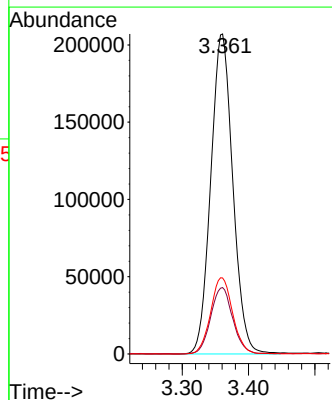
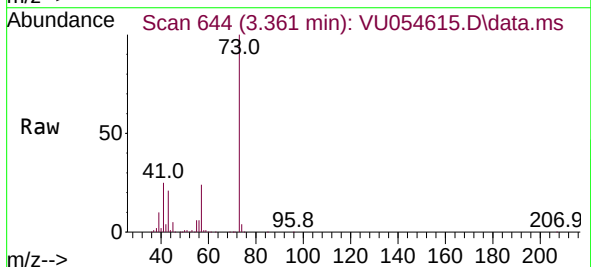
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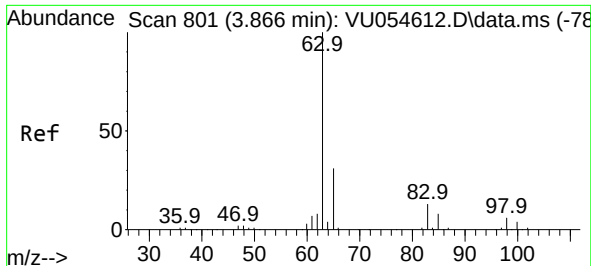
Tgt Ion: 84 Resp: 81790  
Ion Ratio Lower Upper  
84 100  
86 64.3 43.9 81.5  
49 131.0 86.1 159.9



#17  
Methyl tert-butyl Ether  
Concen: 8.294 ug/L  
RT: 3.361 min Scan# 644  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

Tgt Ion: 73 Resp: 477784  
Ion Ratio Lower Upper  
73 100  
43 20.9 15.7 23.5  
57 23.8 18.6 28.0

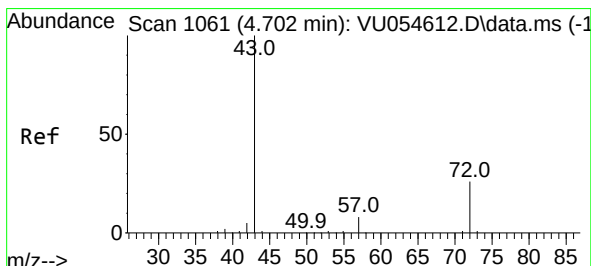
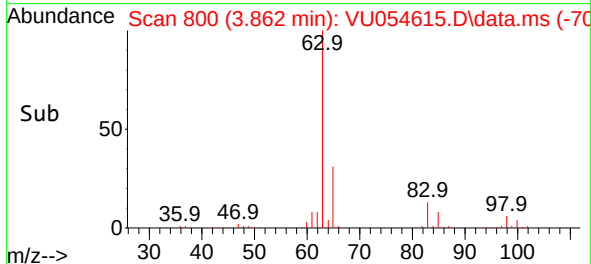
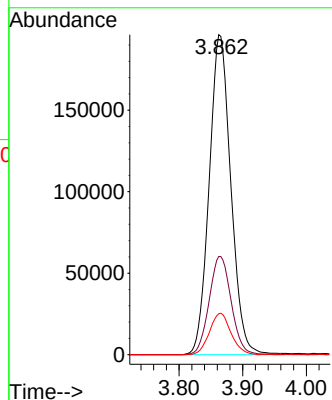
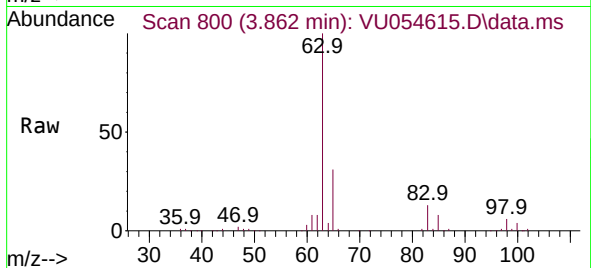




#19  
1,1-Dichloroethane  
Concen: 9.301 ug/L  
RT: 3.862 min Scan# 801  
Delta R.T. -0.003 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

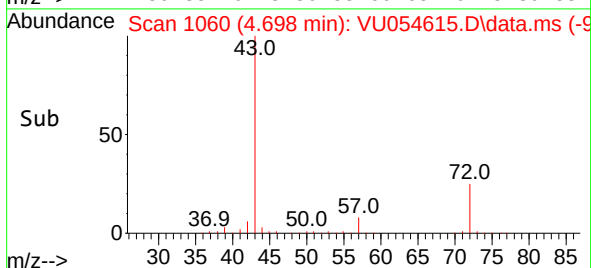
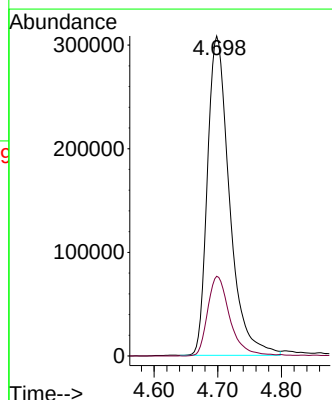
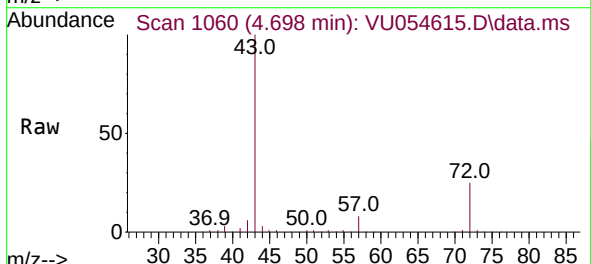
Instrument :  
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Tgt Ion: 63 Resp: 463821  
Ion Ratio Lower Upper  
63 100  
65 30.7 22.2 41.2  
83 12.8 9.0 16.6

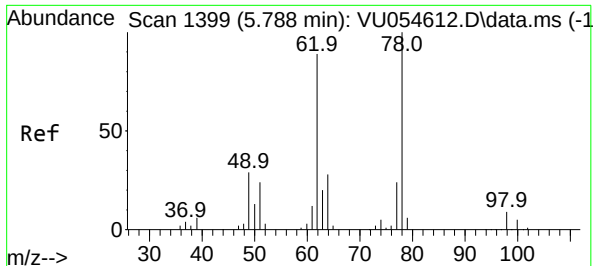


#21  
2-Butanone  
Concen: 105.389 ug/L  
RT: 4.698 min Scan# 1060  
Delta R.T. -0.003 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

Tgt Ion: 43 Resp: 742522  
Ion Ratio Lower Upper  
43 100  
72 25.1 13.4 40.1



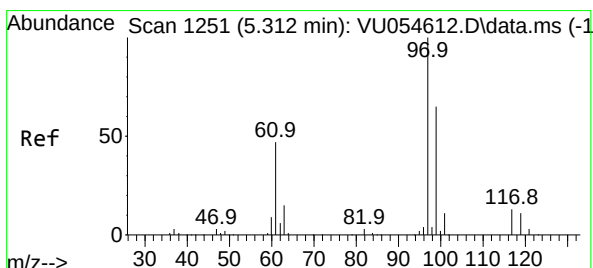
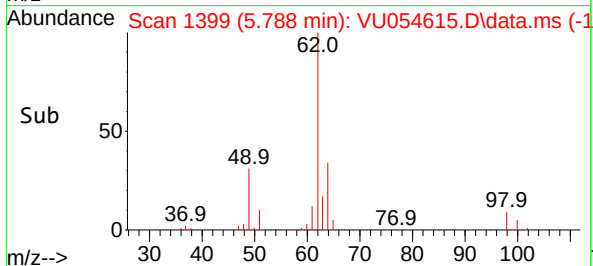
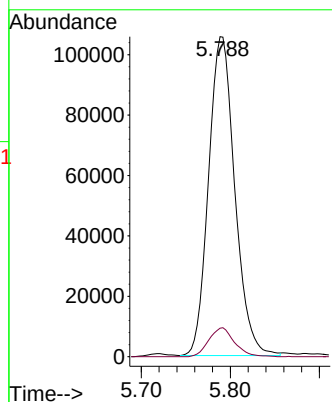
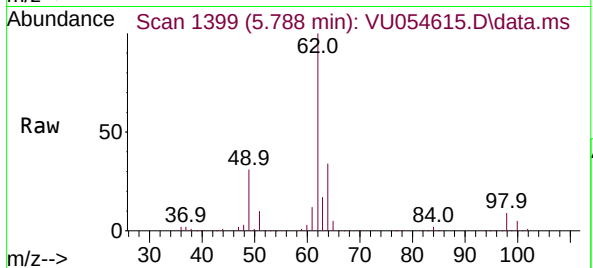




#27  
1,2-Dichloroethane  
Concen: 7.503 ug/L  
RT: 5.788 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

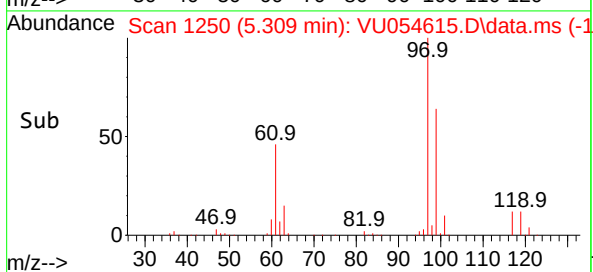
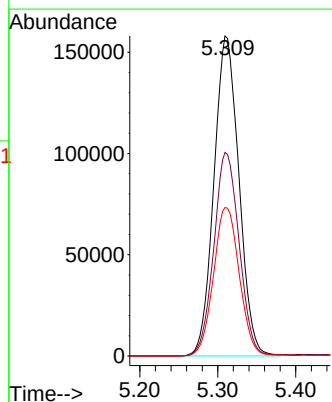
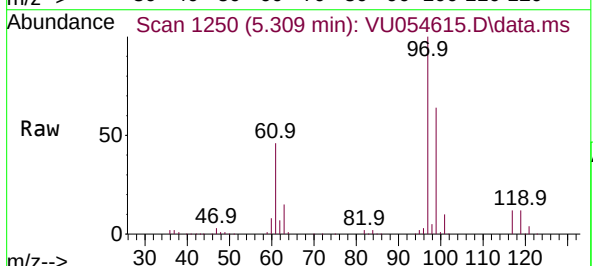
Instrument :  
MSVOA\_U  
ClientSampleId :  
GCA41

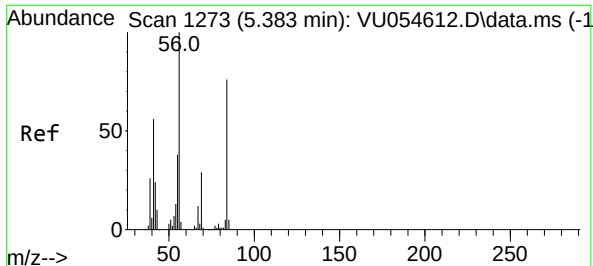
Tgt Ion: 62 Resp: 216212  
Ion Ratio Lower Upper  
62 100  
98 8.9 7.8 11.6



#29  
1,1,1-Trichloroethane  
Concen: 8.376 ug/L  
RT: 5.309 min Scan# 1250  
Delta R.T. -0.003 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

Tgt Ion: 97 Resp: 352261  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.8 76.2  
61 48.0 36.1 54.1

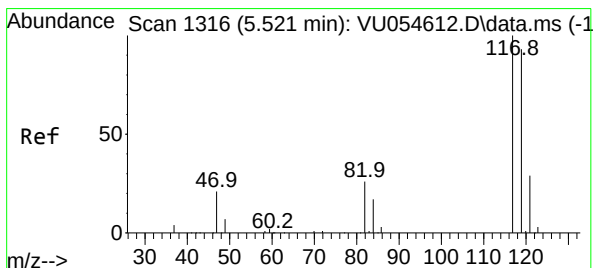
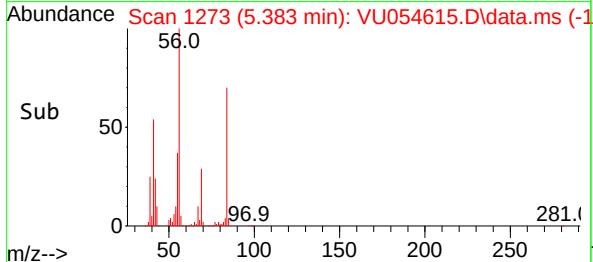
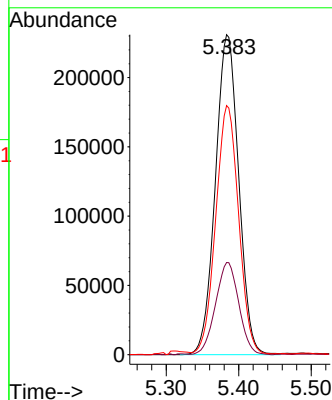
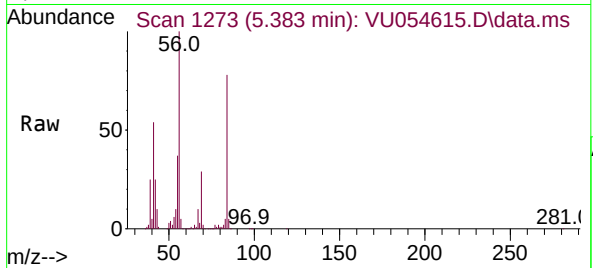




#30  
Cyclohexane  
Concen: 11.255 ug/L  
RT: 5.383 min Scan# 1250  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

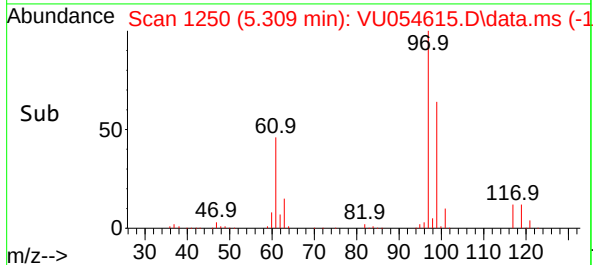
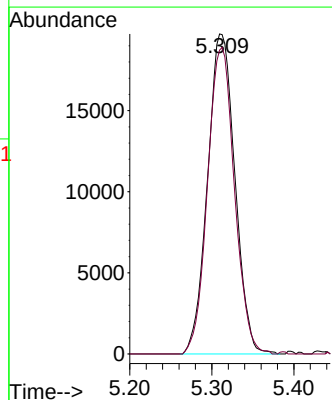
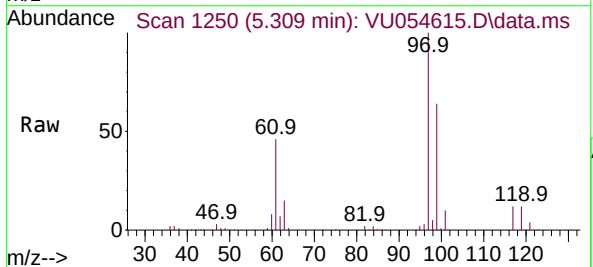
Instrument :  
MSVOA\_U  
ClientSampleId :  
GCA41

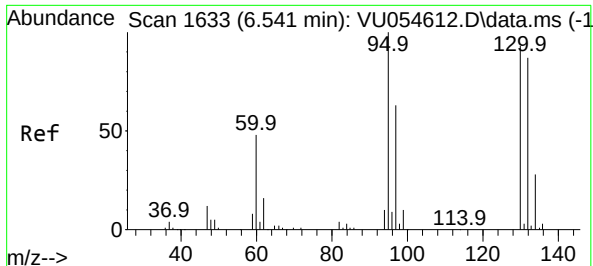
Tgt Ion: 56 Resp: 515572  
Ion Ratio Lower Upper  
56 100  
69 28.8 23.9 35.9  
84 76.0 63.0 94.6



#31  
Carbon tetrachloride  
Concen: 1.263 ug/L  
RT: 5.309 min Scan# 1250  
Delta R.T. -0.212 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

Tgt Ion: 117 Resp: 45757  
Ion Ratio Lower Upper  
117 100  
119 94.2 76.8 115.2



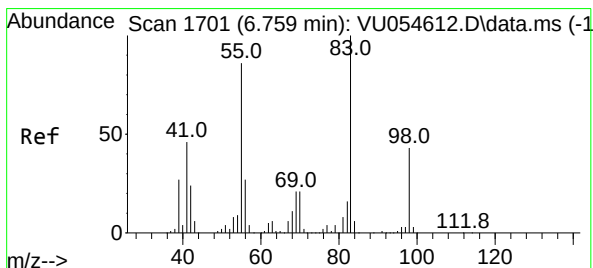
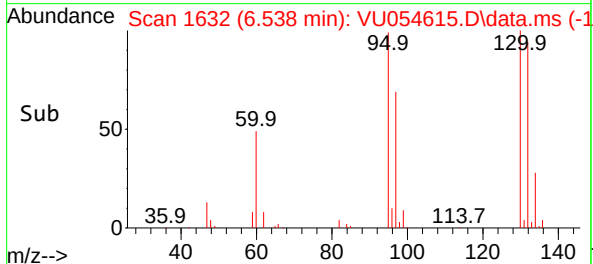
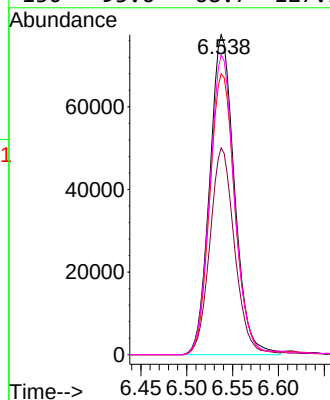
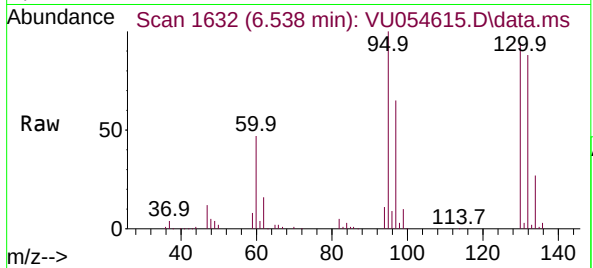


#34  
Trichloroethene  
Concen: 4.925 ug/L  
RT: 6.538 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCA41

Tgt Ion: 95 Resp: 145156

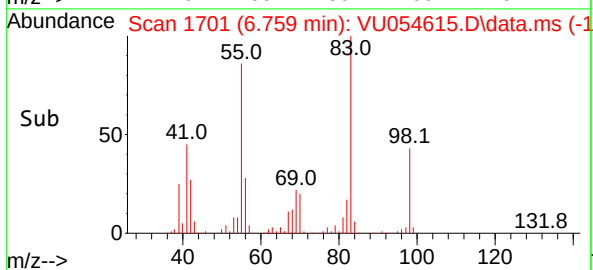
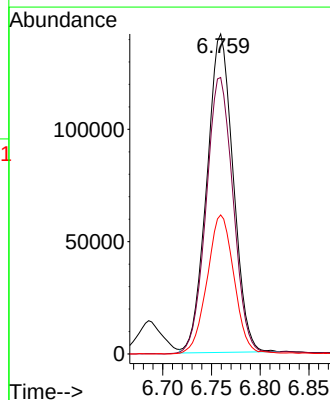
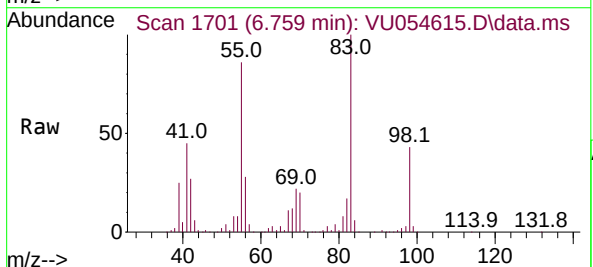
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.6  | 46.8  | 87.0  |
| 132 | 87.8  | 68.4  | 127.0 |
| 130 | 93.6  | 68.7  | 127.5 |

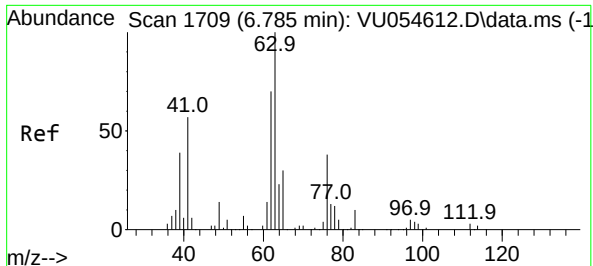


#35  
Methylcyclohexane  
Concen: 6.008 ug/L  
RT: 6.759 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

Tgt Ion: 83 Resp: 267658

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 89.2  | 67.1  | 100.7 |
| 98  | 44.7  | 35.1  | 52.7  |





#37

1,2-Dichloropropane

Concen: 2.203 ug/L

RT: 6.788 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054615.D

Acq: 20 Jun 2023 16:45

Instrument :

MSVOA\_U

ClientSampleId :

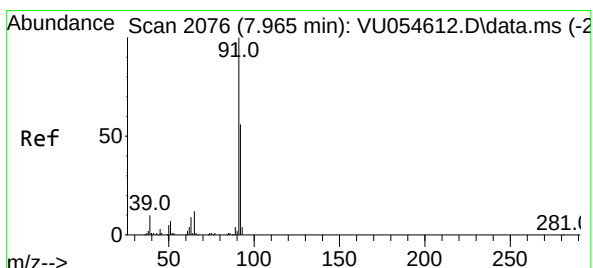
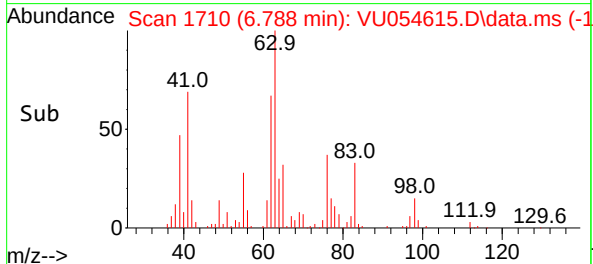
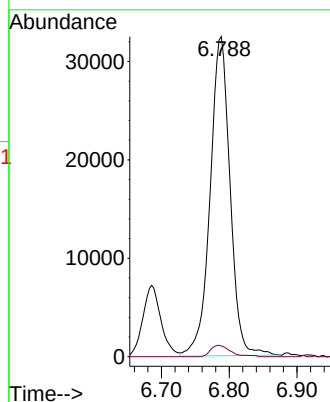
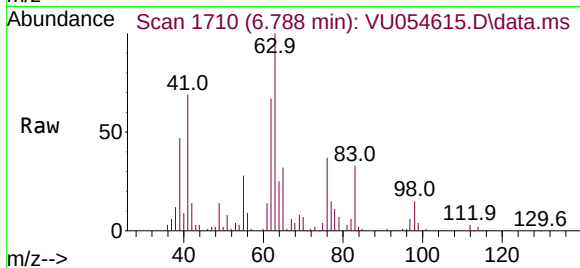
GCA41

Tgt Ion: 63 Resp: 66390

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.6



#42

Toluene

Concen: 8.543 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054615.D

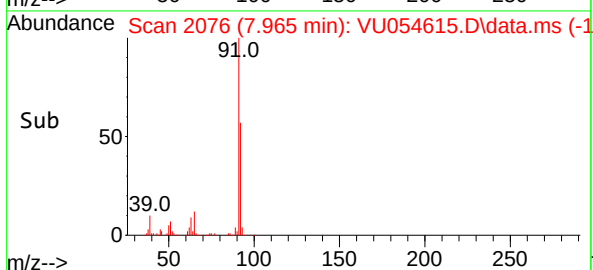
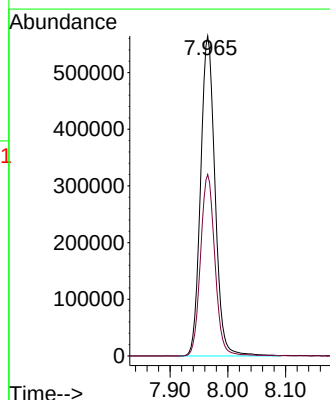
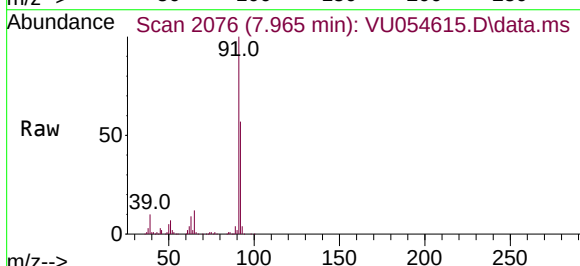
Acq: 20 Jun 2023 16:45

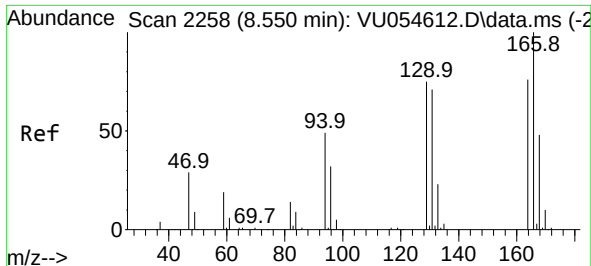
Tgt Ion: 91 Resp: 980668

Ion Ratio Lower Upper

91 100

92 56.7 39.5 73.4





#47

Tetrachloroethene

Concen: 7.678 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU054615.D

Acq: 20 Jun 2023 16:45

Instrument :

MSVOA\_U

ClientSampleId :

GCA41

Tgt Ion:164 Resp: 173229

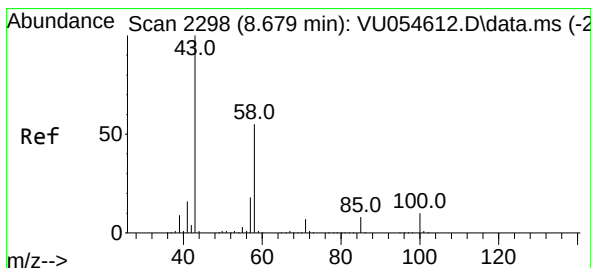
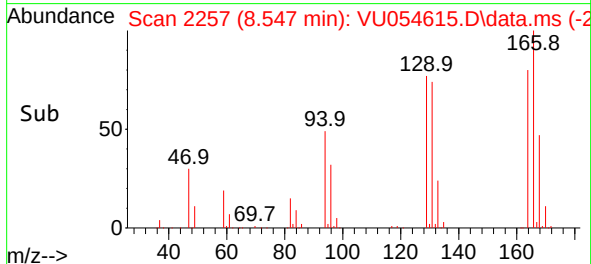
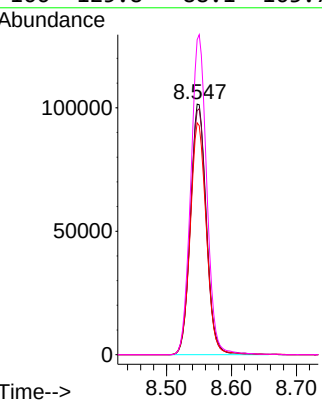
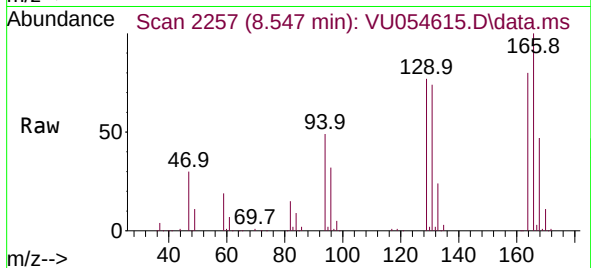
Ion Ratio Lower Upper

164 100

129 97.4 67.7 125.7

131 92.5 64.6 120.0

166 125.8 88.1 163.7



#48

2-Hexanone

Concen: 52.955 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VU054615.D

Acq: 20 Jun 2023 16:45

Tgt Ion: 43 Resp: 634615

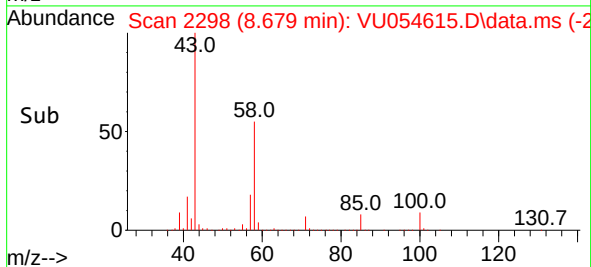
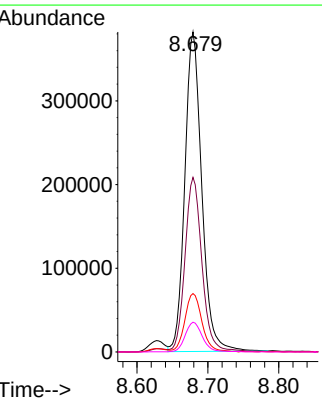
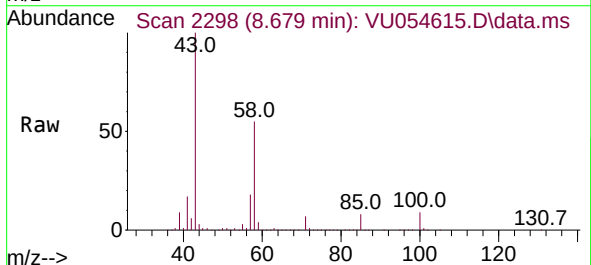
Ion Ratio Lower Upper

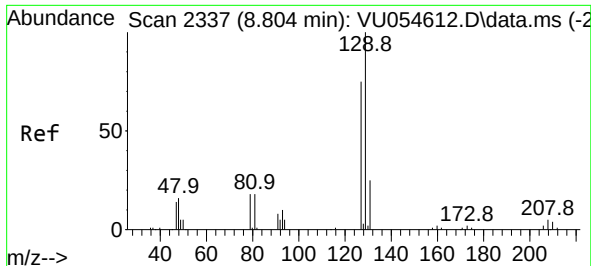
43 100

58 54.5 45.2 67.8

57 18.6 15.8 23.6

100 9.3 8.7 13.1

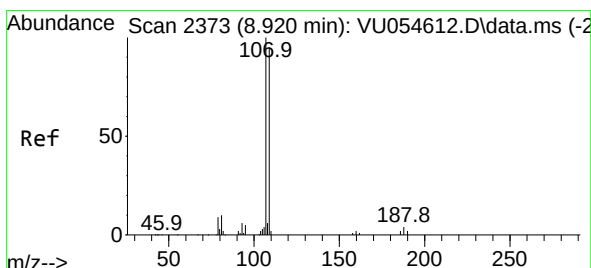
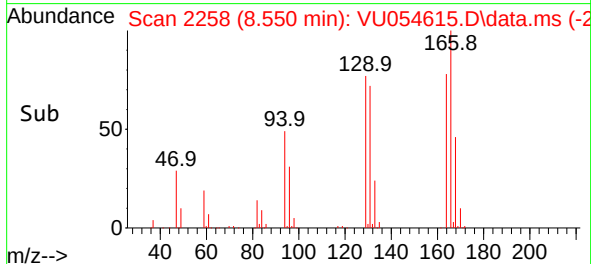
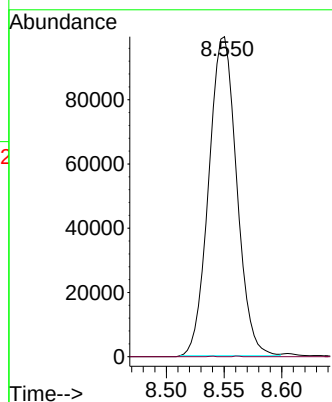
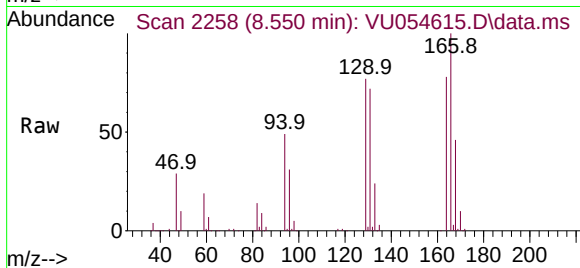




#49  
Dibromochloromethane  
Concen: 8.318 ug/L  
RT: 8.550 min Scan# 21  
Delta R.T. -0.254 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

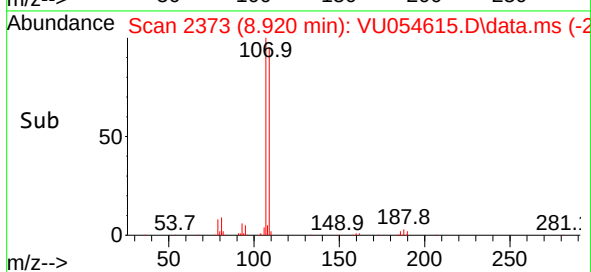
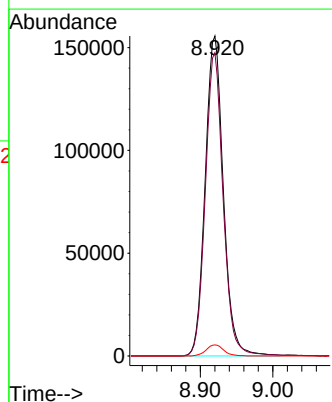
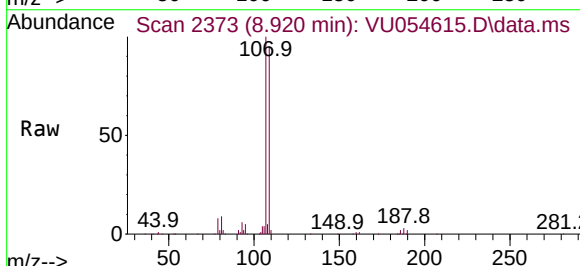
Instrument :  
MSVOA\_U  
ClientSampleId :  
GCA41

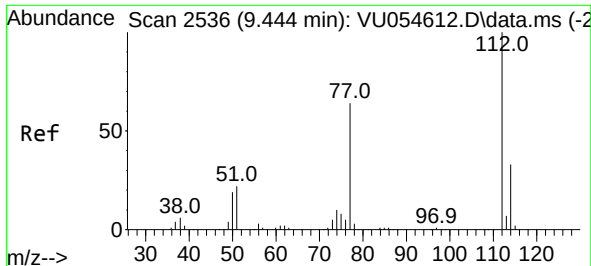
Tgt Ion:129 Resp: 167457  
Ion Ratio Lower Upper  
129 100  
127 0.0 53.2 98.8#



#50  
1,2-Dibromoethane  
Concen: 15.419 ug/L  
RT: 8.920 min Scan# 2373  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

Tgt Ion:107 Resp: 271412  
Ion Ratio Lower Upper  
107 100  
109 94.7 66.6 123.6  
188 3.4 3.1 4.7

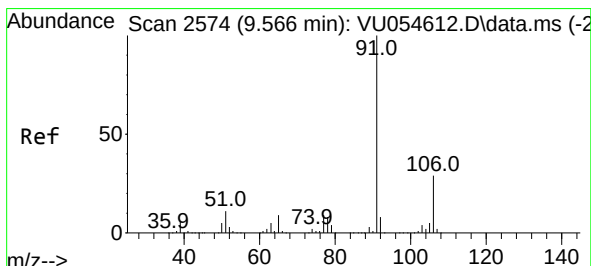
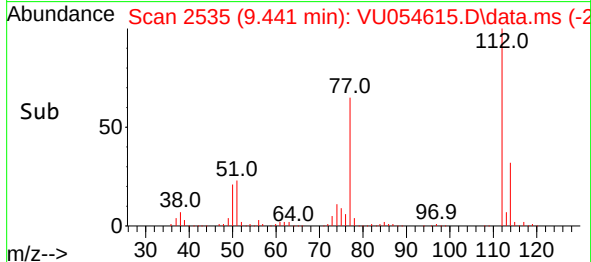
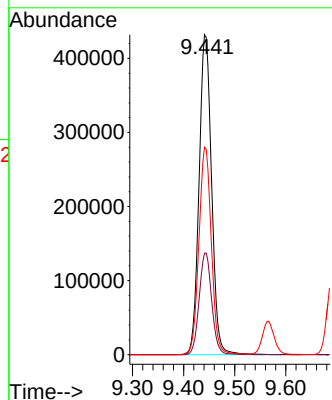
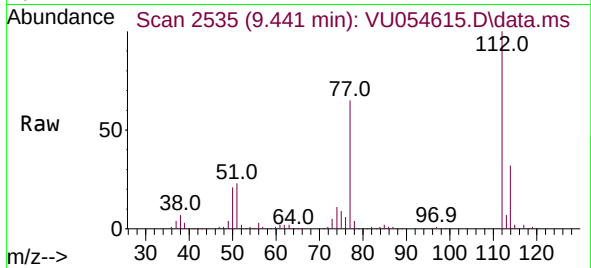




#51  
Chlorobenzene  
Concen: 10.270 ug/L  
RT: 9.441 min Scan# 2536  
Delta R.T. -0.003 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

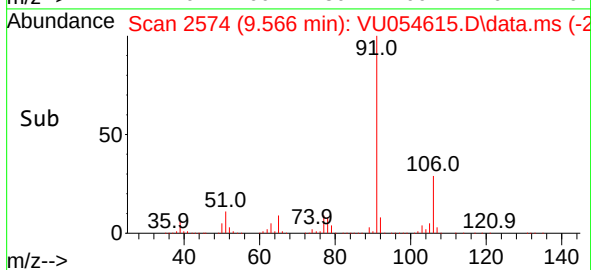
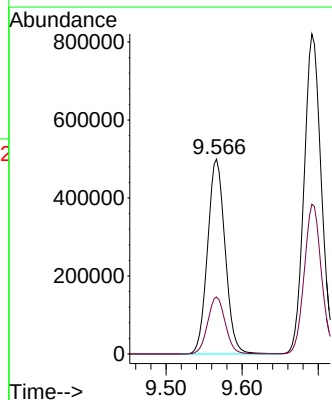
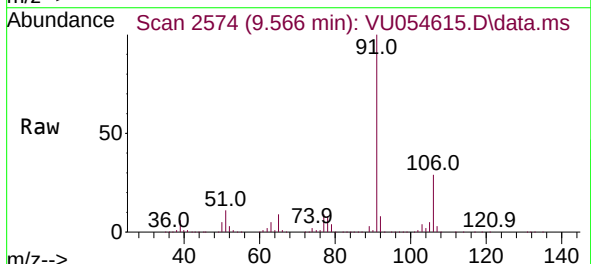
Instrument :  
MSVOA\_U  
ClientSampleId :  
GCA41

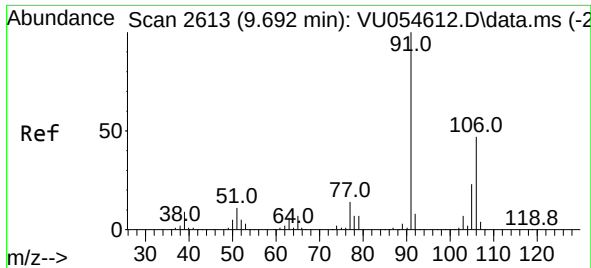
Tgt Ion:112 Resp: 734889  
Ion Ratio Lower Upper  
112 100  
114 31.7 22.7 42.1  
77 64.9 49.8 74.8



#52  
Ethylbenzene  
Concen: 6.397 ug/L  
RT: 9.566 min Scan# 2574  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

Tgt Ion: 91 Resp: 801976  
Ion Ratio Lower Upper  
91 100  
106 29.3 21.1 39.3

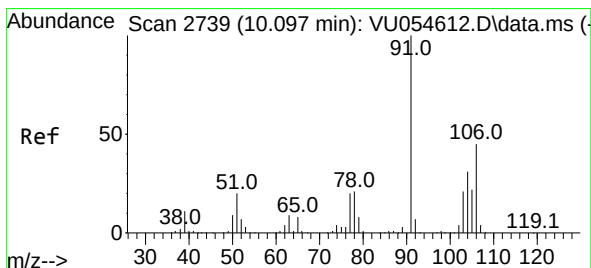
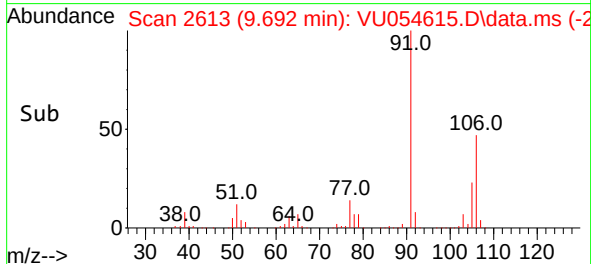
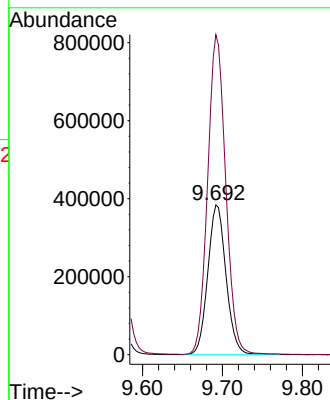
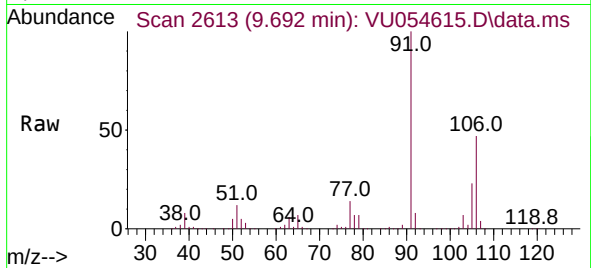




#53  
m,p-Xylene  
Concen: 13.227 ug/L  
RT: 9.692 min Scan# 2613  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

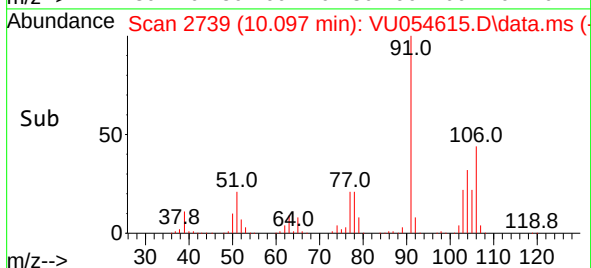
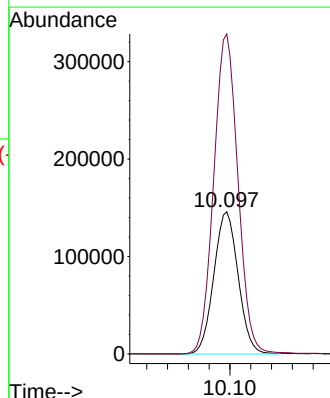
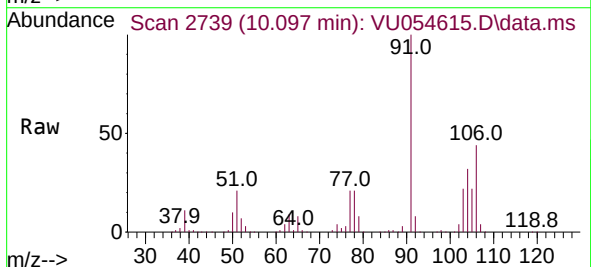
Instrument :  
MSVOA\_U  
ClientSampleId :  
GCA41

Tgt Ion:106 Resp: 609146  
Ion Ratio Lower Upper  
106 100  
91 213.6 147.0 273.0

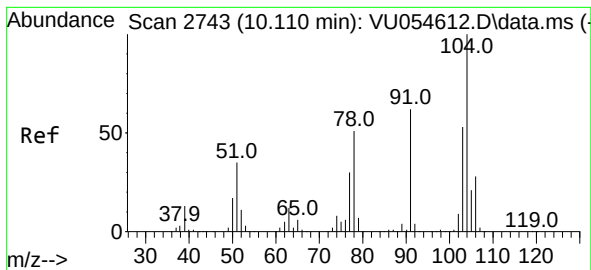


#54  
o-Xylene  
Concen: 5.333 ug/L  
RT: 10.097 min Scan# 2739  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

Tgt Ion:106 Resp: 237526  
Ion Ratio Lower Upper  
106 100  
91 224.8 154.5 286.9







#55

Styrene

Concen: 5.358 ug/L

RT: 10.110 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054615.D

Acq: 20 Jun 2023 16:45

Instrument :

MSVOA\_U

ClientSampleId :

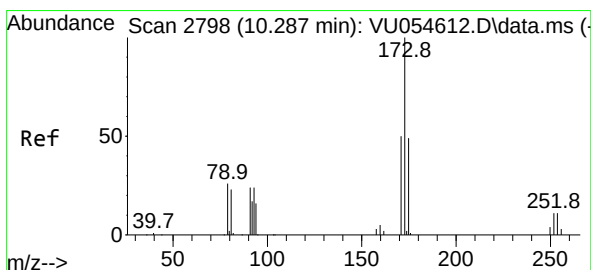
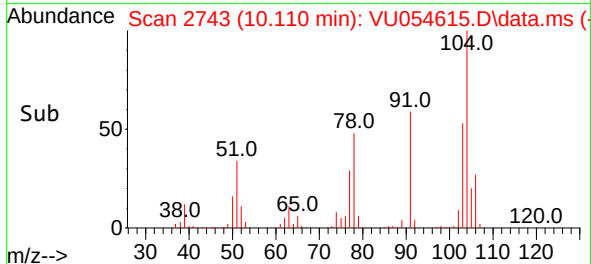
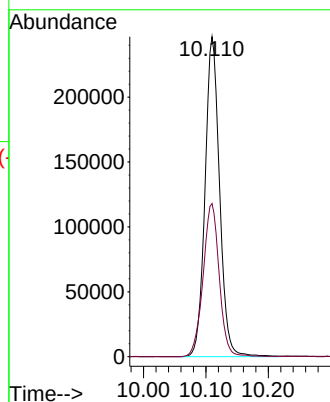
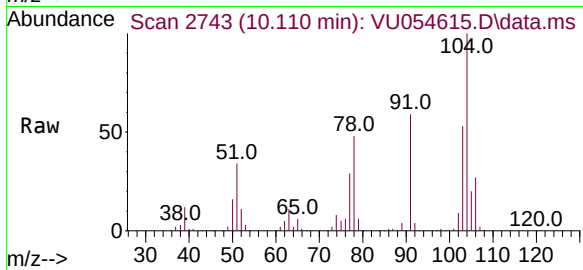
GCA41

Tgt Ion:104 Resp: 400518

Ion Ratio Lower Upper

104 100

78 47.8 33.0 61.4



#59

Bromoform

Concen: 5.537 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU054615.D

Acq: 20 Jun 2023 16:45

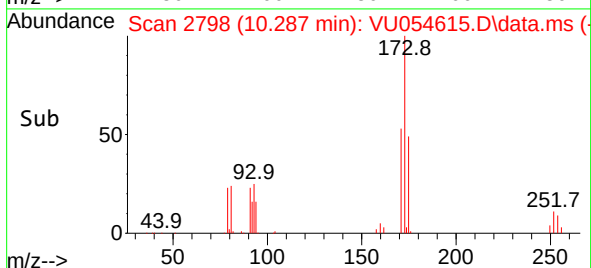
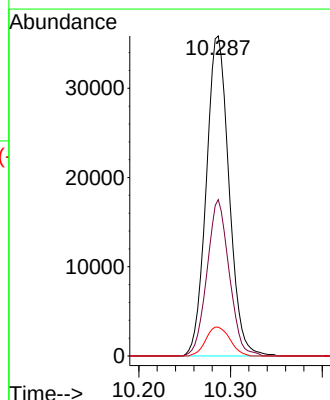
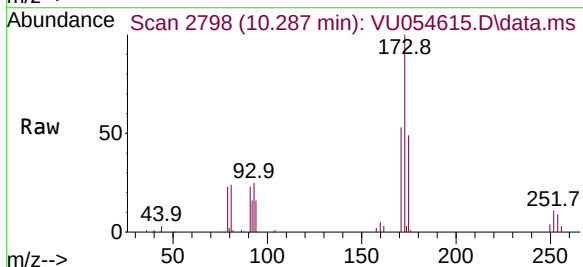
Tgt Ion:173 Resp: 61829

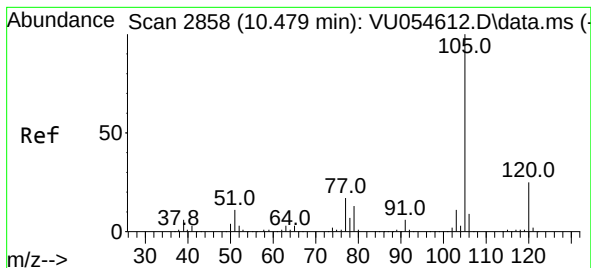
Ion Ratio Lower Upper

173 100

175 47.5 39.4 59.0

254 9.6 8.6 12.8





#60

Isopropylbenzene

Concen: 3.390 ug/L

RT: 10.479 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054615.D

Acq: 20 Jun 2023 16:45

Instrument :

MSVOA\_U

ClientSampleId :

GCA41

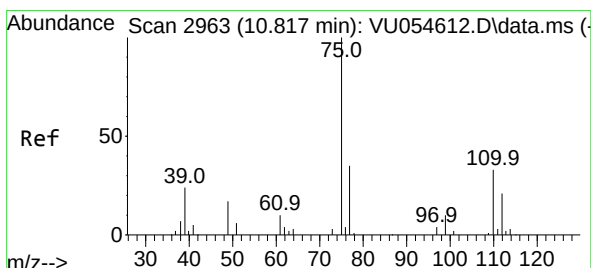
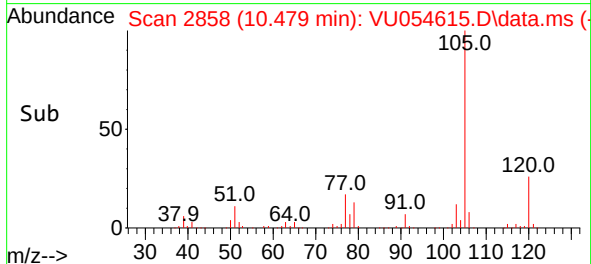
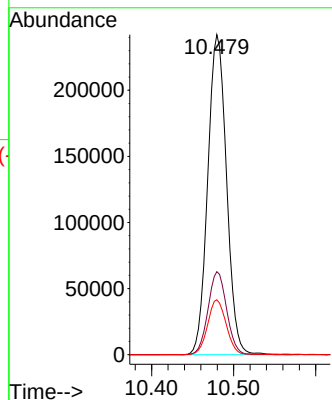
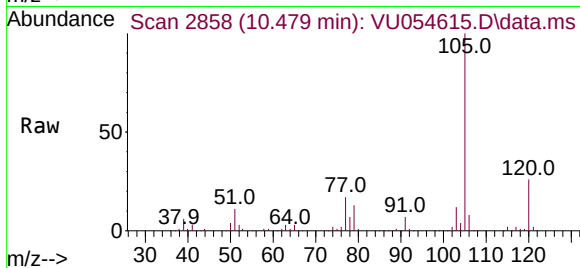
Tgt Ion:105 Resp: 385671

Ion Ratio Lower Upper

105 100

120 25.7 20.9 31.3

77 17.0 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 1.427 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. -0.711 min

Lab File: VU054615.D

Acq: 20 Jun 2023 16:45

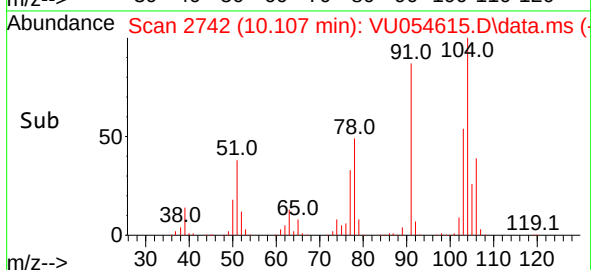
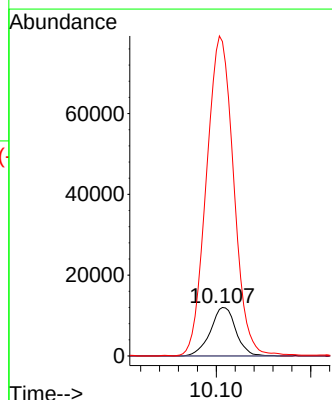
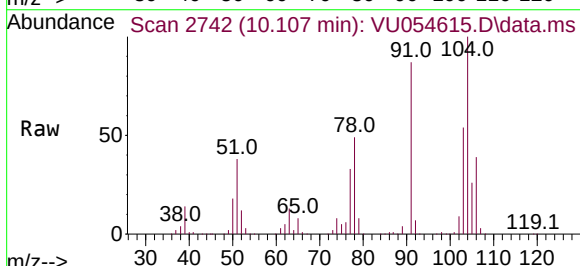
Tgt Ion: 75 Resp: 22433

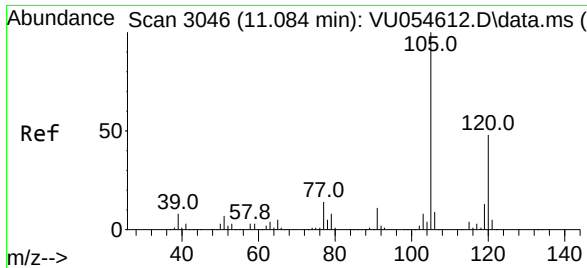
Ion Ratio Lower Upper

75 100

110 0.0 28.0 42.0#

77 709.0 25.4 38.2#

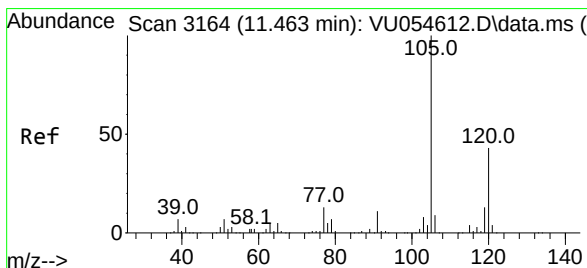
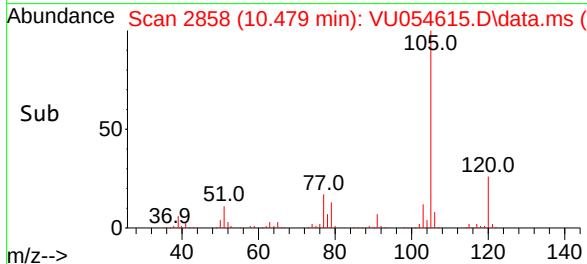
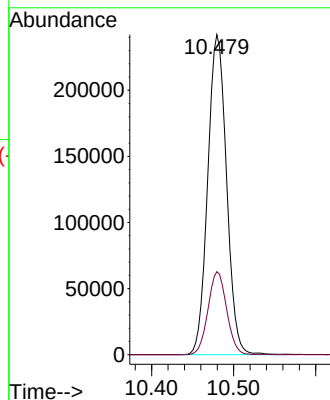
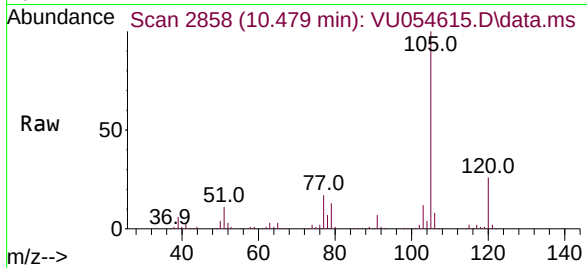




#62  
 1,3,5-Trimethylbenzene  
 Concen: 4.155 ug/L  
 RT: 10.479 min Scan# 2858  
 Delta R.T. -0.604 min  
 Lab File: VU054615.D  
 Acq: 20 Jun 2023 16:45

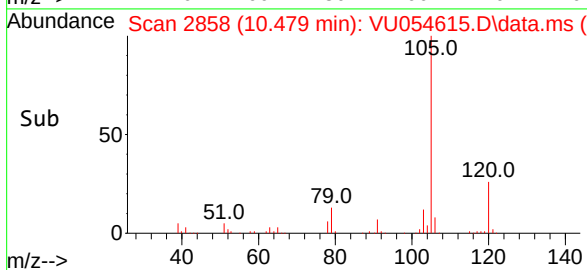
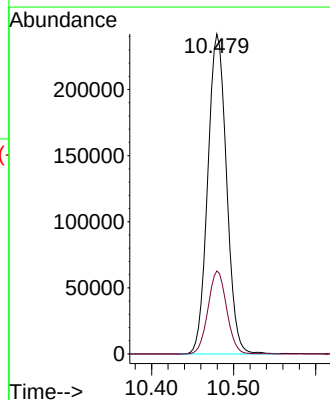
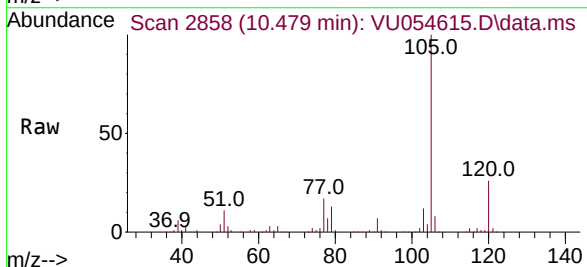
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCA41

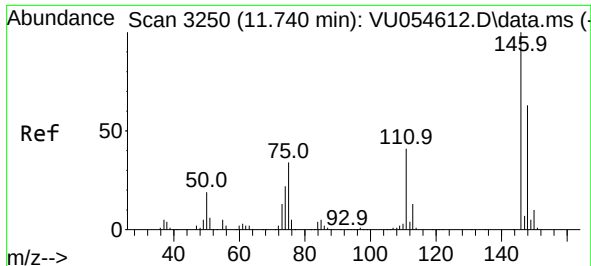
Tgt Ion:105 Resp: 385671  
 Ion Ratio Lower Upper  
 105 100  
 120 25.7 37.9 56.9#



#63  
 1,2,4-Trimethylbenzene  
 Concen: 4.091 ug/L  
 RT: 10.479 min Scan# 2858  
 Delta R.T. -0.984 min  
 Lab File: VU054615.D  
 Acq: 20 Jun 2023 16:45

Tgt Ion:105 Resp: 385671  
 Ion Ratio Lower Upper  
 105 100  
 120 25.7 35.4 53.0#

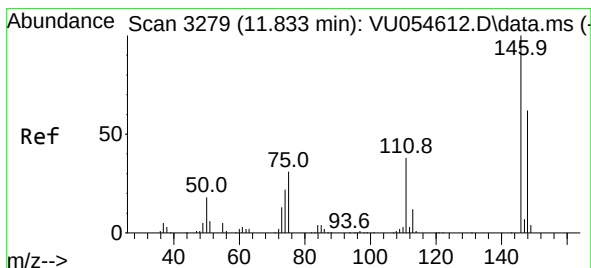
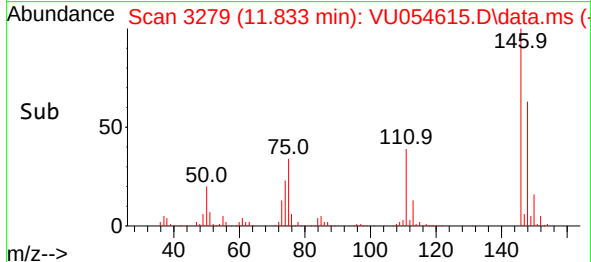
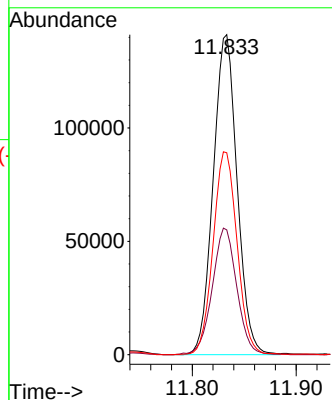
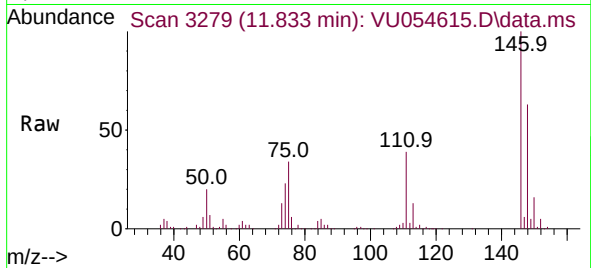




#64  
1,3-Dichlorobenzene  
Concen: 4.248 ug/L  
RT: 11.833 min Scan# 31  
Delta R.T. 0.093 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

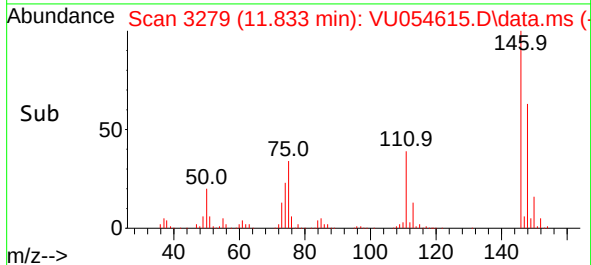
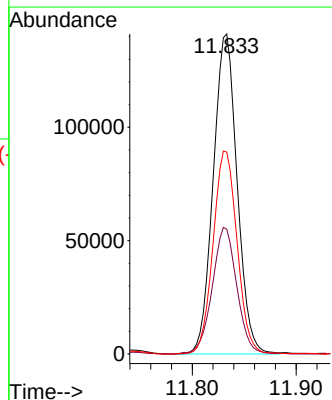
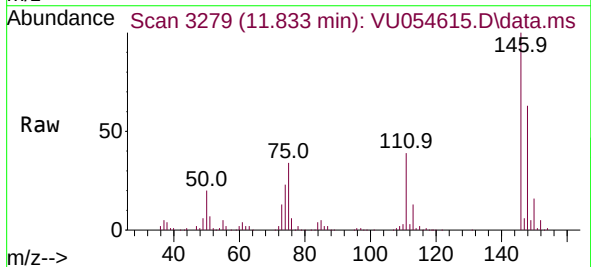
Instrument :  
MSVOA\_U  
ClientSampleId :  
GCA41

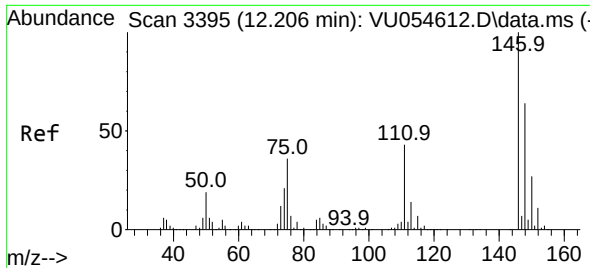
Tgt Ion:146 Resp: 225926  
Ion Ratio Lower Upper  
146 100  
111 39.0 28.9 53.7  
148 63.1 44.0 81.8



#65  
1,4-Dichlorobenzene  
Concen: 4.233 ug/L  
RT: 11.833 min Scan# 3279  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

Tgt Ion:146 Resp: 225926  
Ion Ratio Lower Upper  
146 100  
111 39.0 28.0 52.0  
148 63.1 44.7 83.1

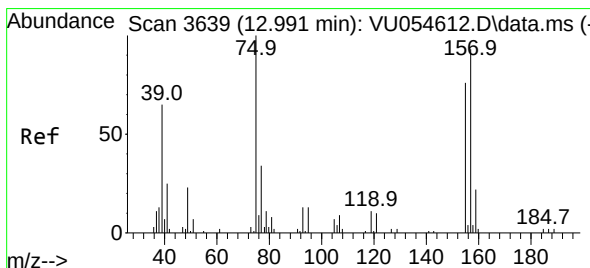
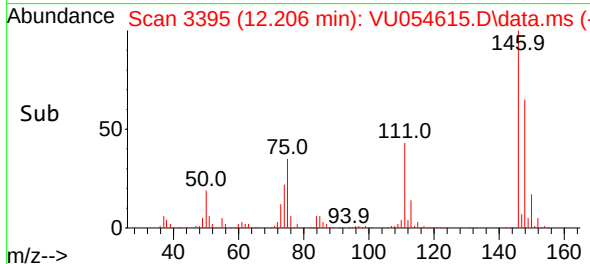
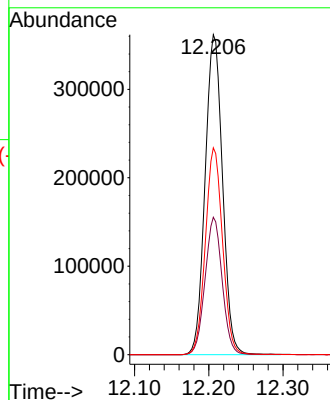
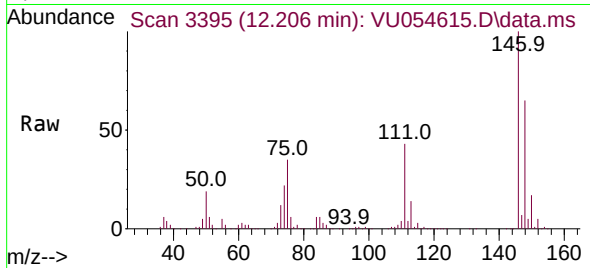




#67  
1,2-Dichlorobenzene  
Concen: 12.004 ug/L  
RT: 12.206 min Scan# 3395  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

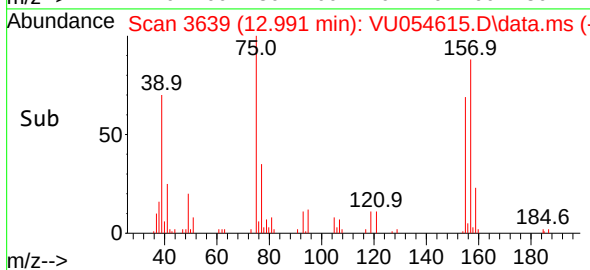
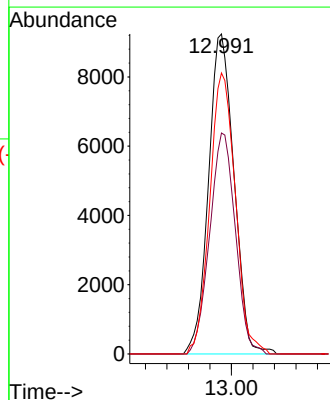
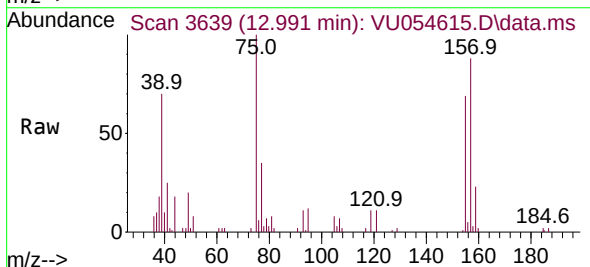
Instrument :  
MSVOA\_U  
ClientSampleId :  
GCA41

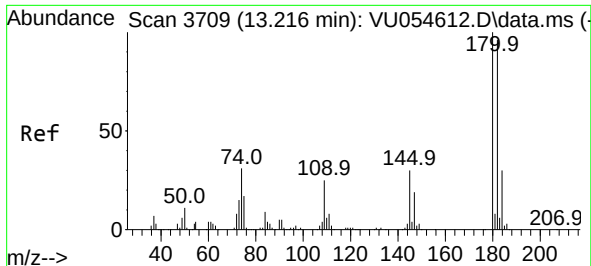
Tgt Ion:146 Resp: 587123  
Ion Ratio Lower Upper  
146 100  
111 43.0 34.5 51.7  
148 64.7 50.9 76.3



#68  
1,2-Dibromo-3-chloropropane  
Concen: 4.404 ug/L  
RT: 12.991 min Scan# 3639  
Delta R.T. 0.000 min  
Lab File: VU054615.D  
Acq: 20 Jun 2023 16:45

Tgt Ion: 75 Resp: 15212  
Ion Ratio Lower Upper  
75 100  
155 69.0 65.7 98.5  
157 87.8 84.2 126.2





#69

1,3,5-Trichlorobenzene

Concen: 5.311 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU054615.D

Acq: 20 Jun 2023 16:45

Instrument :

MSVOA\_U

ClientSampleId :

GCA41

Tgt Ion:180 Resp: 213118

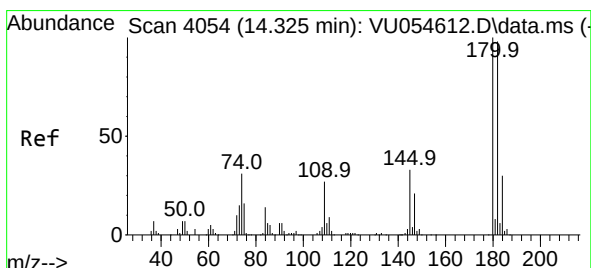
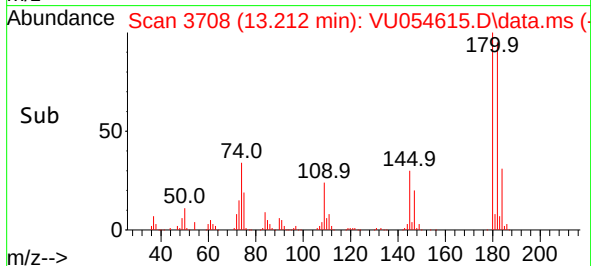
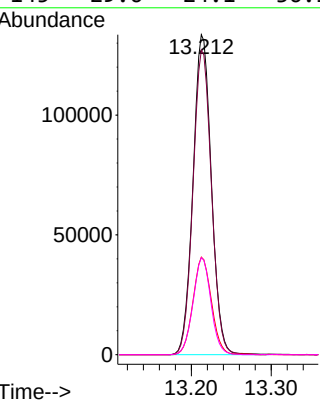
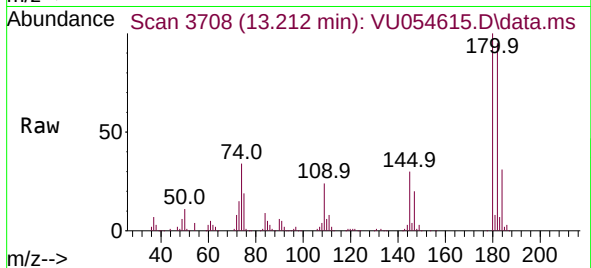
Ion Ratio Lower Upper

180 100

182 95.8 75.0 112.6

184 30.8 24.1 36.1

145 29.6 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 10.257 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU054615.D

Acq: 20 Jun 2023 16:45

Tgt Ion:180 Resp: 292372

Ion Ratio Lower Upper

180 100

182 95.4 75.4 113.2

145 32.1 26.0 39.0

