

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051923\  
 Data File : VU054222.D  
 Acq On : 19 May 2023 16:17  
 Operator : JC/MD  
 Sample : 02844-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBX02

Quant Time: May 20 02:09:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR051823WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat May 20 02:06:23 2023  
 Response via : Initial Calibration

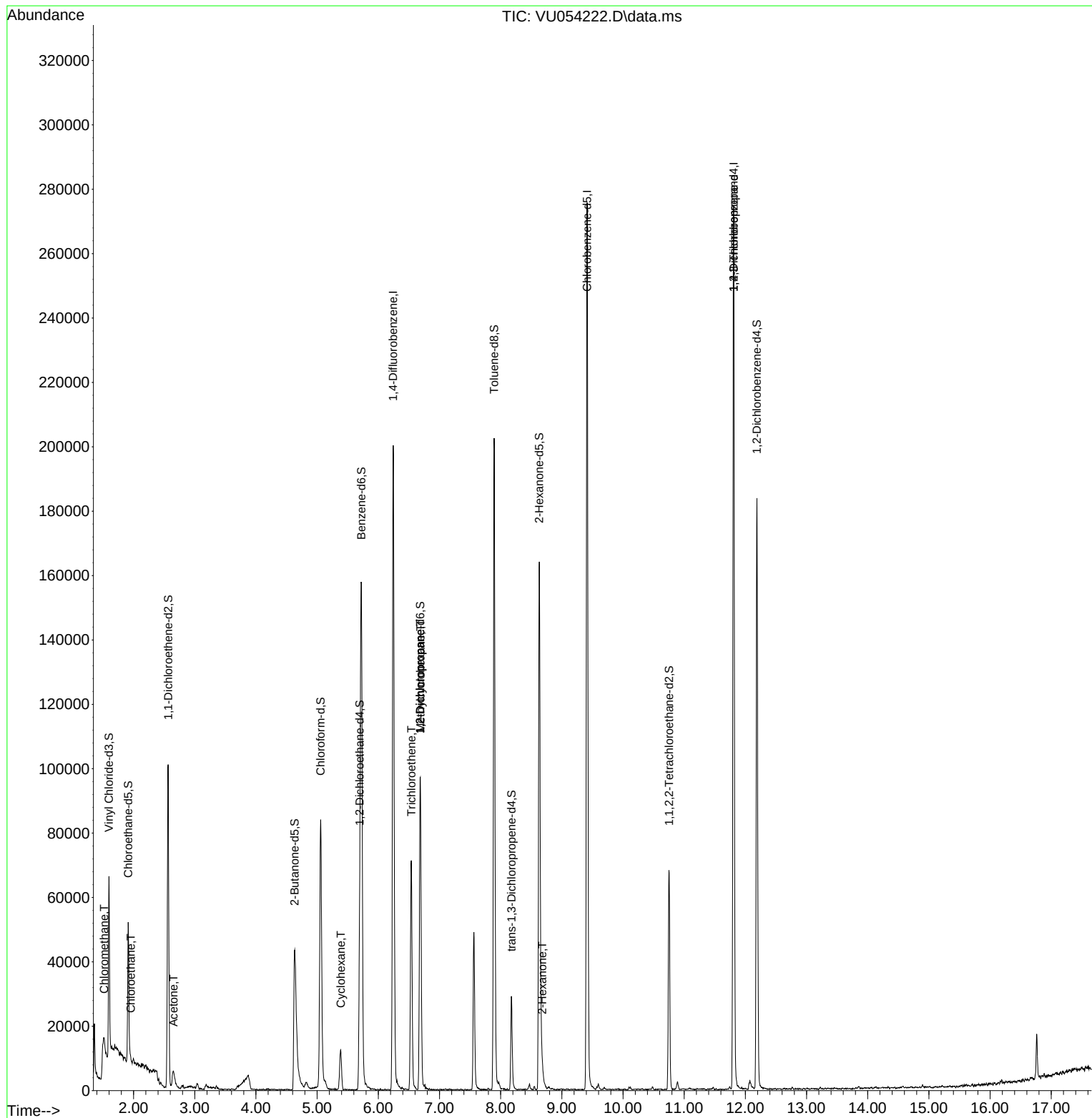
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243  | 114   | 165173   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 161761   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 76714    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 41073    | 4.612    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 92.200%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 32991    | 4.952    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 99.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 19777    | 4.917    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 98.400%  |
| 20) 2-Butanone-d5             | 4.632  | 46    | 83088    | 52.320   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 104.640% |
| 24) Chloroform-d              | 5.057  | 84    | 79398    | 4.742    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65    | 37523    | 4.872    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.400%  |
| 32) Benzene-d6                | 5.722  | 84    | 153204   | 4.651    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.684  | 67    | 46470    | 4.881    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.600%  |
| 41) Toluene-d8                | 7.893  | 98    | 137026   | 4.405    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.200%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 17011    | 4.423    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.400%  |
| 46) 2-Hexanone-d5             | 8.629  | 63    | 59154    | 51.661   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 103.320% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 33214    | 4.867    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 97.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.188 | 152   | 50484    | 5.393    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 107.800% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.520  | 50    | 1813     | 0.157    | ug/L   | 87       |
| 8) Chloroethane               | 1.954  | 64    | 1266     | 0.163    | ug/L # | 55       |
| 13) Acetone                   | 2.652  | 43    | 11615    | 5.376    | ug/L   | 55       |
| 30) Cyclohexane               | 5.388  | 56    | 6179     | 0.375    | ug/L   | 90       |
| 34) Trichloroethene           | 6.539  | 95    | 24657    | 2.002    | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.687  | 83    | 12044    | 0.669    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.684  | 63    | 5208     | 0.433    | ug/L # | 90       |
| 48) 2-Hexanone                | 8.680  | 43    | 3001     | 0.649    | ug/L # | 77       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75    | 8713     | 1.401    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

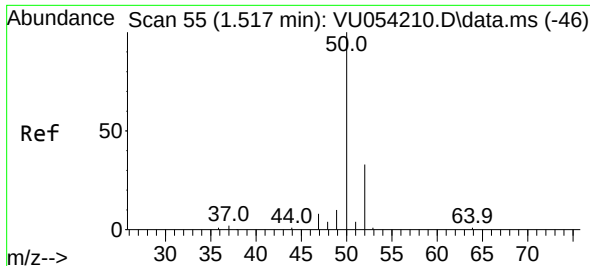
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 20 02:06:23 2023  
Response via : Initial Calibration

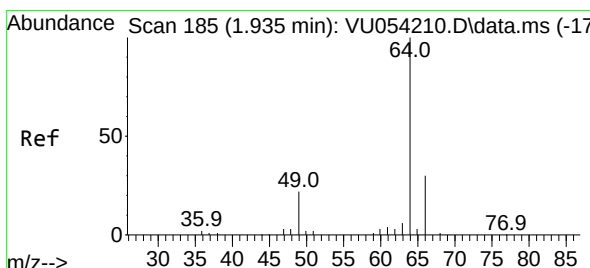
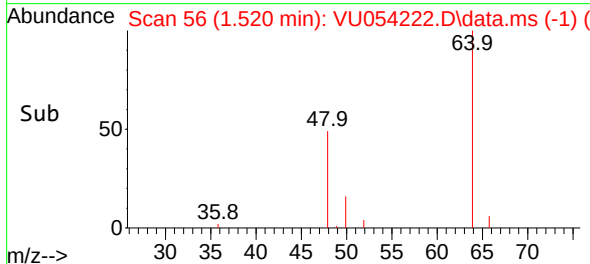
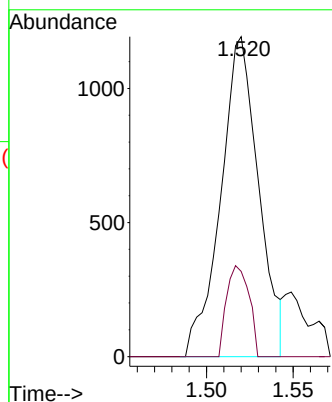
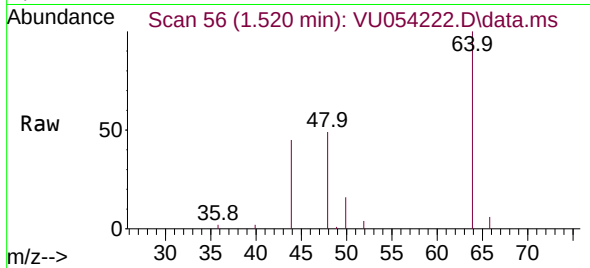




#3  
Chloromethane  
Concen: 0.157 ug/L  
RT: 1.520 min Scan# 50  
Delta R.T. 0.003 min  
Lab File: VU054222.D  
Acq: 19 May 2023 16:17

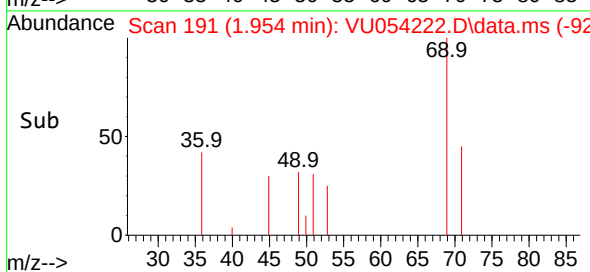
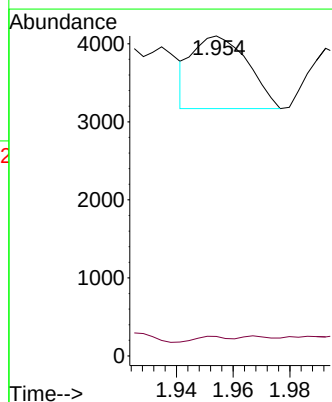
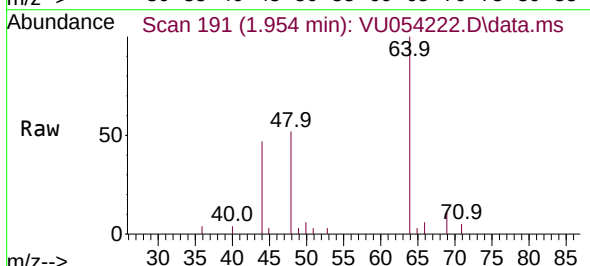
Instrument :  
MSVOA\_U  
ClientSampleId :  
GBX02

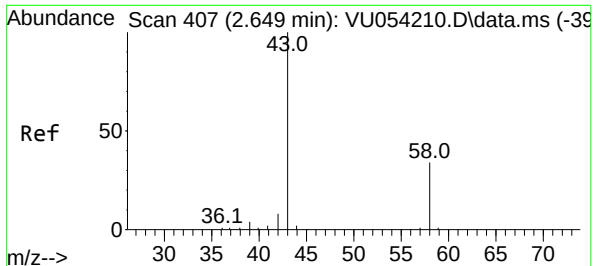
Tgt Ion: 50 Resp: 1813  
Ion Ratio Lower Upper  
50 100  
52 26.7 23.7 44.1



#8  
Chloroethane  
Concen: 0.163 ug/L  
RT: 1.954 min Scan# 191  
Delta R.T. 0.019 min  
Lab File: VU054222.D  
Acq: 19 May 2023 16:17

Tgt Ion: 64 Resp: 1266  
Ion Ratio Lower Upper  
64 100  
66 6.1 21.6 40.0#





#13

Acetone

Concen: 5.376 ug/L

RT: 2.652 min Scan# 407

Delta R.T. 0.003 min

Lab File: VU054222.D

Acq: 19 May 2023 16:17

Instrument :

MSVOA\_U

ClientSampleId :

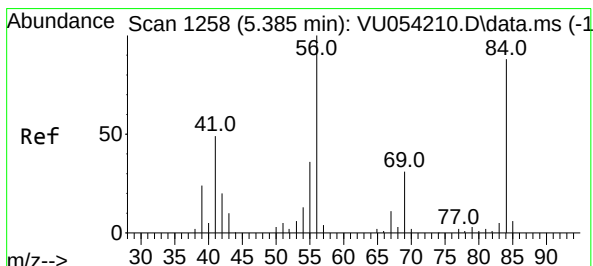
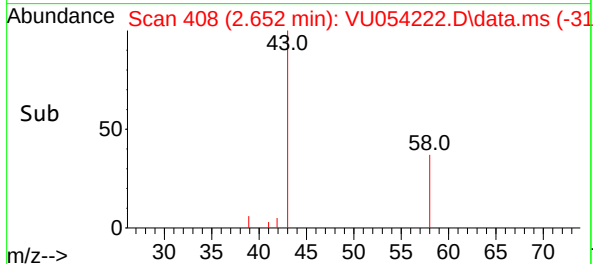
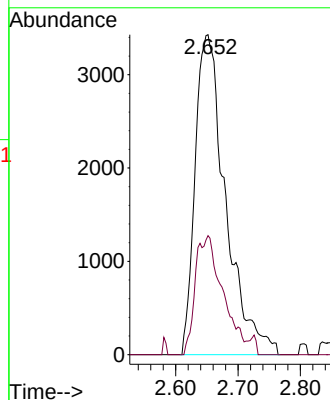
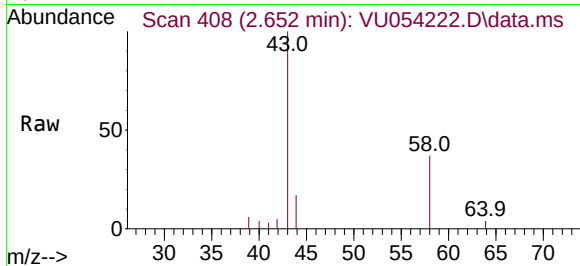
GBX02

Tgt Ion: 43 Resp: 11615

Ion Ratio Lower Upper

43 100

58 9.8 0.0 73.2



#30

Cyclohexane

Concen: 0.375 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU054222.D

Acq: 19 May 2023 16:17

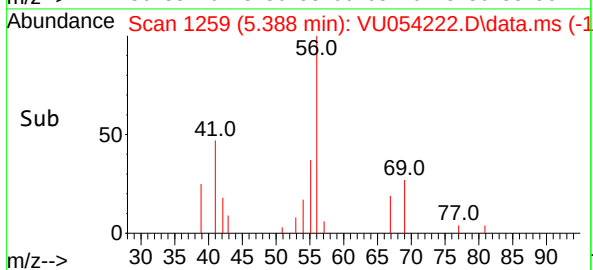
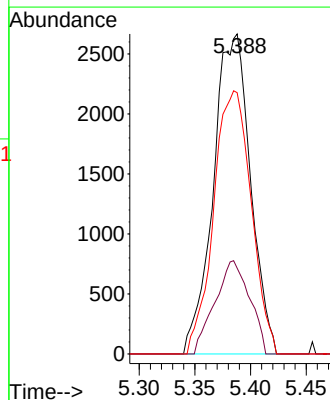
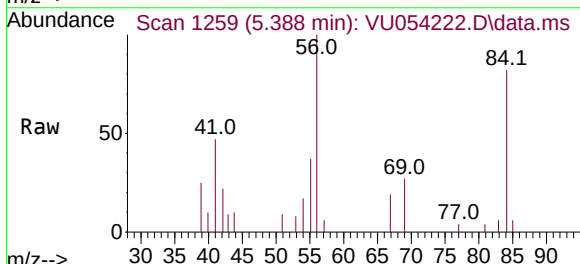
Tgt Ion: 56 Resp: 6179

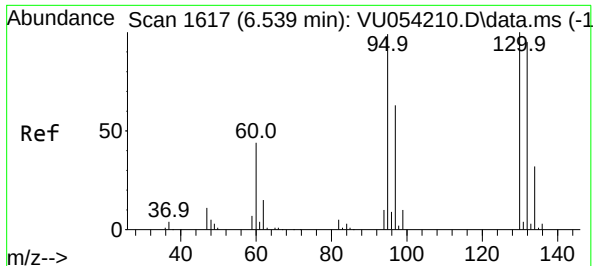
Ion Ratio Lower Upper

56 100

69 27.2 26.2 39.4

84 83.2 74.2 111.4

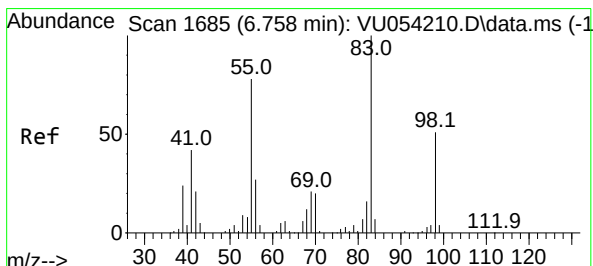
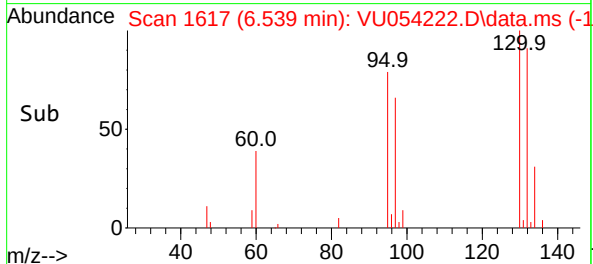
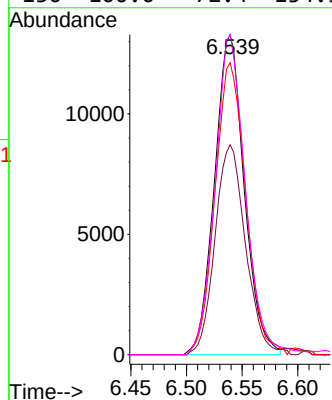
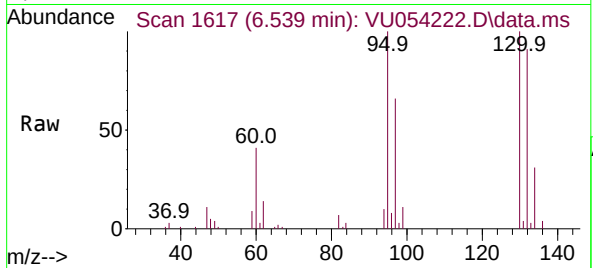




#34  
Trichloroethene  
Concen: 2.002 ug/L  
RT: 6.539 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: VU054222.D  
Acq: 19 May 2023 16:17

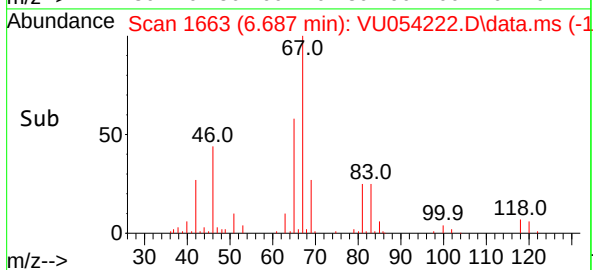
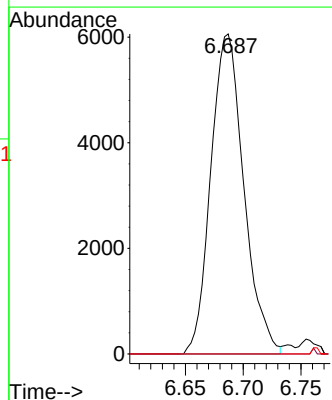
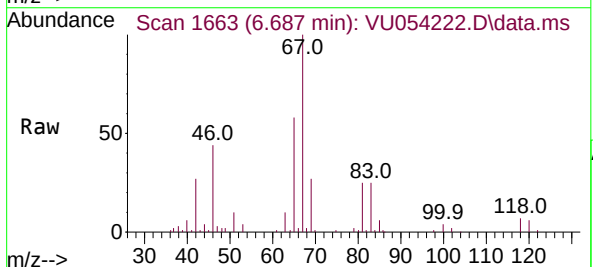
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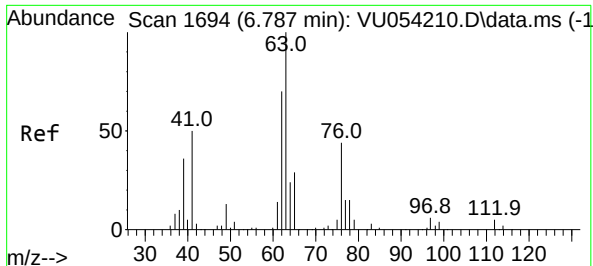
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 24657 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 65.6  | 45.8  | 85.0  |
| 132      | 91.3  | 70.1  | 130.3 |
| 130      | 100.0 | 72.4  | 134.5 |



#35  
Methylcyclohexane  
Concen: 0.669 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.071 min  
Lab File: VU054222.D  
Acq: 19 May 2023 16:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 12044 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.2   | 61.6  | 92.4# |
| 98       | 0.7   | 41.3  | 61.9# |





#37

1,2-Dichloropropane

Concen: 0.433 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU054222.D

Acq: 19 May 2023 16:17

Instrument :

MSVOA\_U

ClientSampleId :

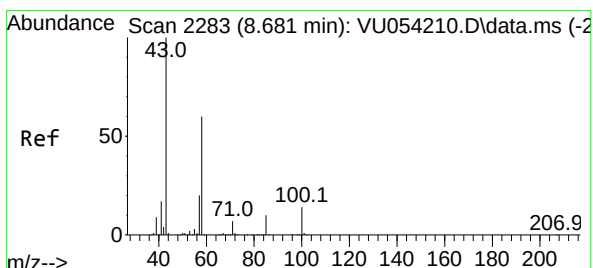
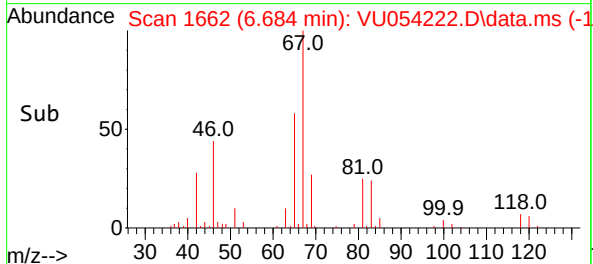
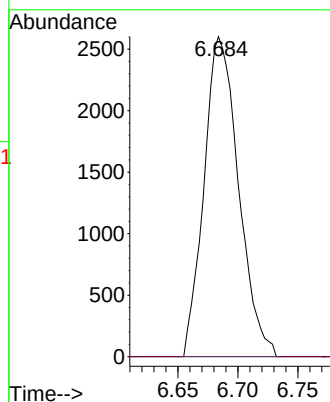
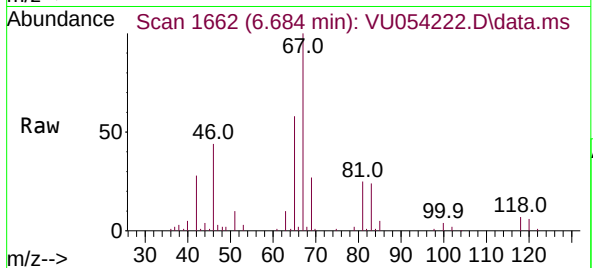
GBX02

Tgt Ion: 63 Resp: 5208

Ion Ratio Lower Upper

63 100

112 0.9 3.3 4.9#



#48

2-Hexanone

Concen: 0.649 ug/L

RT: 8.680 min Scan# 2283

Delta R.T. -0.000 min

Lab File: VU054222.D

Acq: 19 May 2023 16:17

Tgt Ion: 43 Resp: 3001

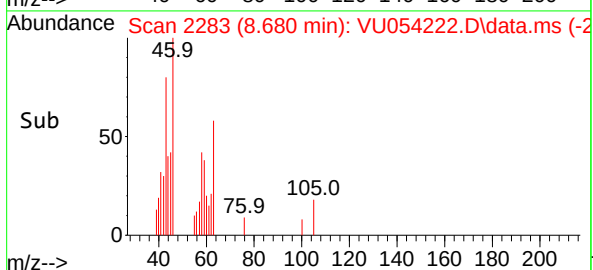
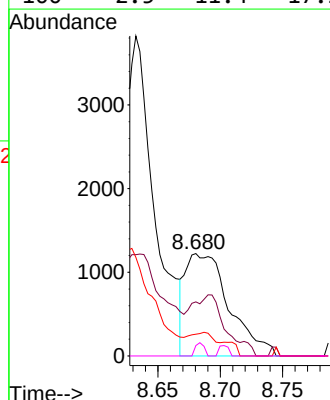
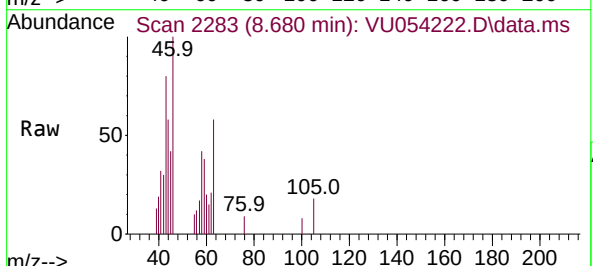
Ion Ratio Lower Upper

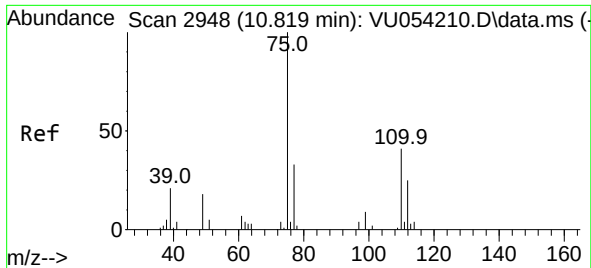
43 100

58 46.9 48.6 72.8#

57 5.7 16.7 25.1#

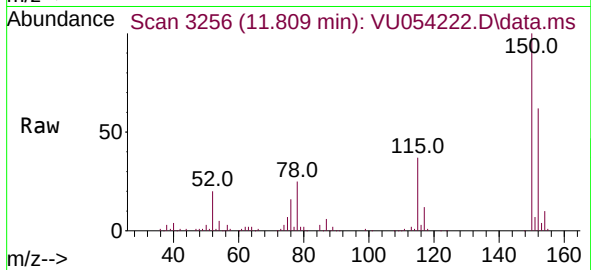
100 2.5 11.4 17.2#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.401 ug/L  
 RT: 11.809 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU054222.D  
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Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 1.7   | 32.3  | 48.5# |
| 77      | 32.9  | 26.3  | 39.5  |

