

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052223\Not Reviewed Data\  
 Data File : VU054240.D  
 Acq On : 22 May 2023 12:19  
 Operator : JC/MD  
 Sample : 02874-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 CONY7

Quant Time: May 22 13:23:59 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

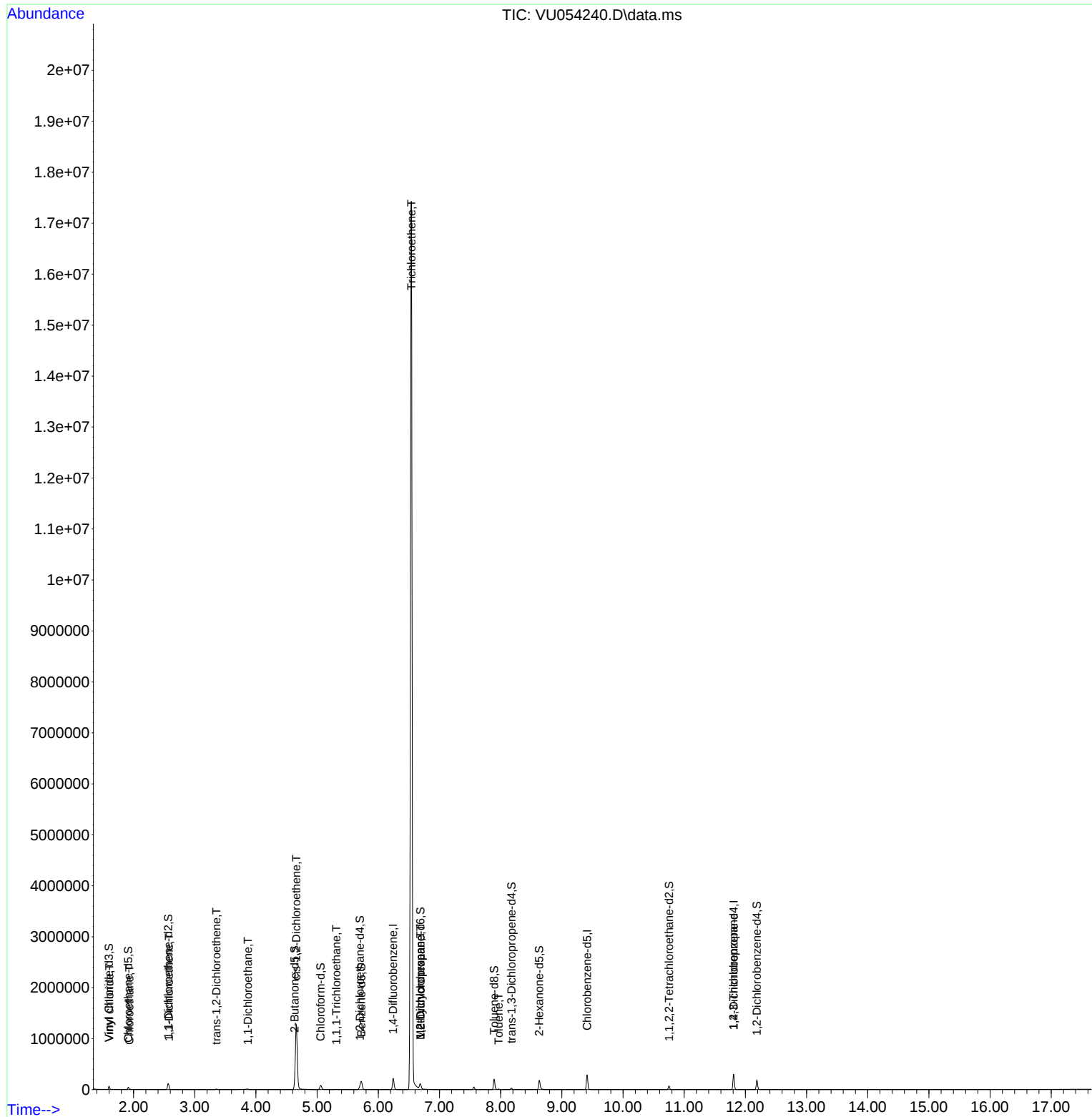
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.244  | 114   | 178899   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 170136   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 84612    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 40674    | 4.217    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 84.400%  |
| 7) Chloroethane-d5            | 1.913  | 69    | 33565    | 4.652    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 18969    | 4.355    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 87.000%  |
| 20) 2-Butanone-d5             | 4.633  | 46    | 97592    | 56.739   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 113.480% |
| 24) Chloroform-d              | 5.057  | 84    | 78040    | 4.304    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 38551    | 4.621    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.400%  |
| 32) Benzene-d6                | 5.723  | 84    | 158624   | 4.578    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 48643    | 4.857    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 97.200%  |
| 41) Toluene-d8                | 7.893  | 98    | 139888   | 4.276    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.600%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 18429    | 4.556    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 91.200%  |
| 46) 2-Hexanone-d5             | 8.629  | 63    | 65368    | 54.277   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 108.560% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 35618    | 4.962    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 51110    | 4.950    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 5) Vinyl chloride             | 1.604  | 62    | 10205    | 0.766    | ug/L # | 80       |
| 8) Chloroethane               | 1.932  | 64    | 2955     | 0.350    | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 2.578  | 96    | 13461    | 1.229    | ug/L # | 51       |
| 18) trans-1,2-Dichloroethene  | 3.356  | 96    | 4645     | 0.417    | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 3.867  | 63    | 7317     | 0.328    | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 4.658  | 96    | 675945   | 51.906   | ug/L   | 97       |
| 29) 1,1,1-Trichloroethane     | 5.314  | 97    | 4504     | 0.211    | ug/L   | 90       |
| 34) Trichloroethene           | 6.539  | 95    | 6008834  | 463.972  | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.690  | 83    | 11700    | 0.618    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 5560     | 0.440    | ug/L # | 90       |
| 42) Toluene                   | 7.967  | 91    | 8214     | 0.161    | ug/L   | 92       |
| 61) 1,2,3-Trichloropropane    | 11.806 | 75    | 9196     | 1.341    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

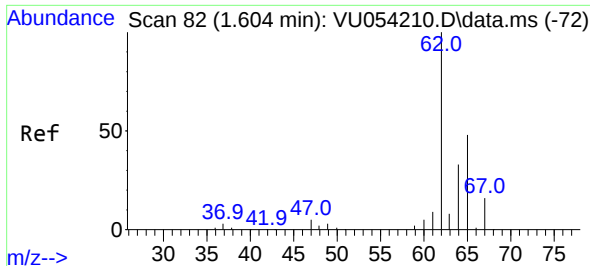
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : 02874-05  
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ALS Vial : 10 Sample Multiplier: 1

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Quant Time: May 22 13:23:59 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

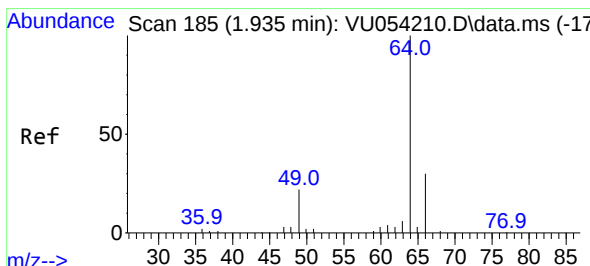
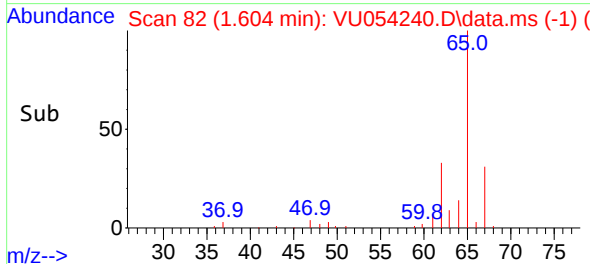
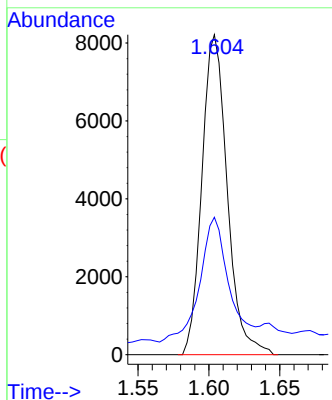
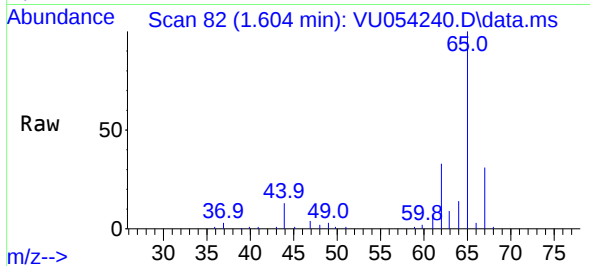




#5  
 Vinyl chloride  
 Concen: 0.766 ug/L  
 RT: 1.604 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: VU054240.D  
 Acq: 22 May 2023 12:19

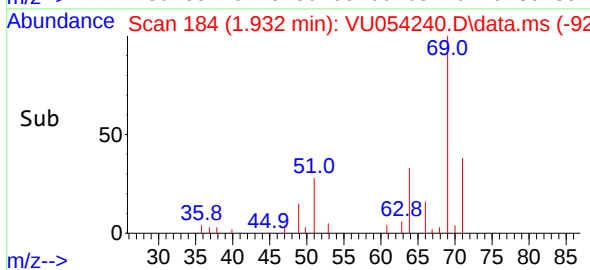
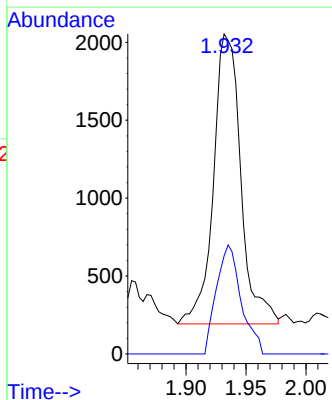
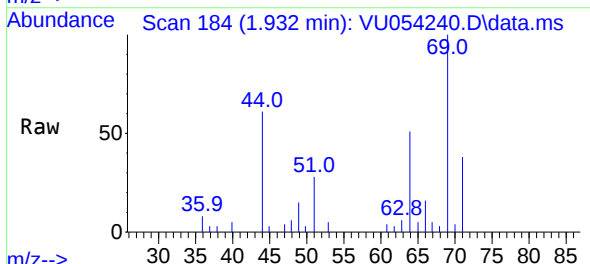
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 CONY7

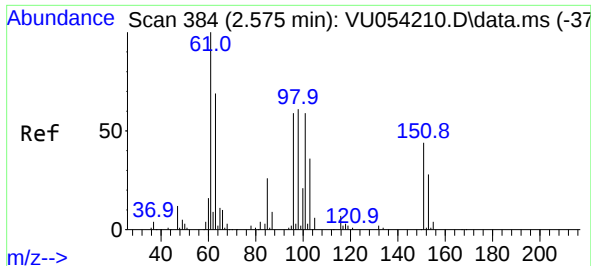
Tgt Ion: 62 Resp: 10205  
 Ion Ratio Lower Upper  
 62 100  
 64 42.9 22.4 41.6#



#8  
 Chloroethane  
 Concen: 0.350 ug/L  
 RT: 1.932 min Scan# 184  
 Delta R.T. -0.003 min  
 Lab File: VU054240.D  
 Acq: 22 May 2023 12:19

Tgt Ion: 64 Resp: 2955  
 Ion Ratio Lower Upper  
 64 100  
 66 30.7 21.6 40.0

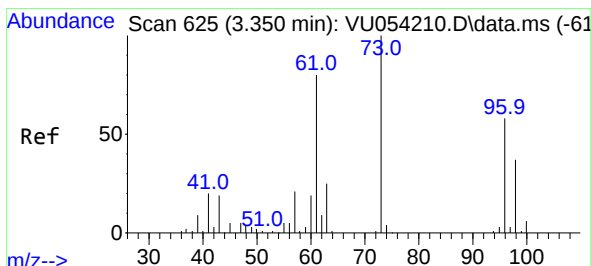
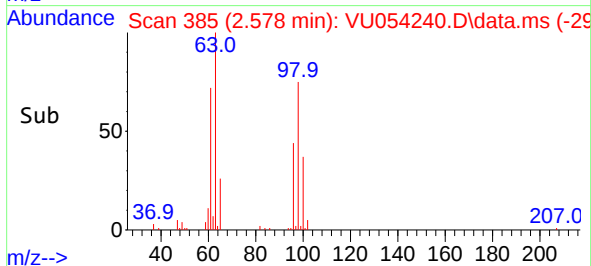
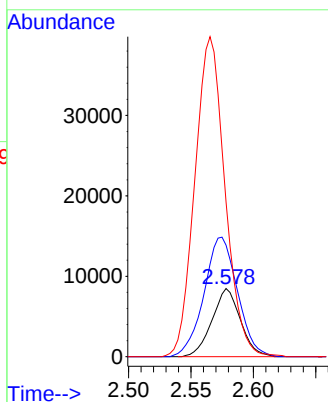
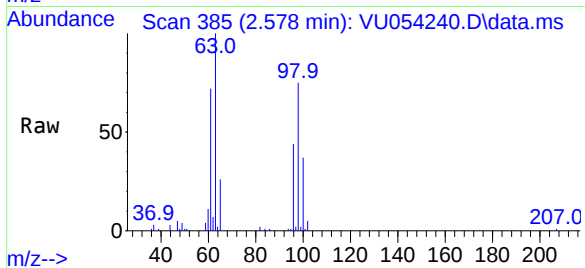




#12  
1,1-Dichloroethene  
Concen: 1.229 ug/L  
RT: 2.578 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU054240.D  
Acq: 22 May 2023 12:19

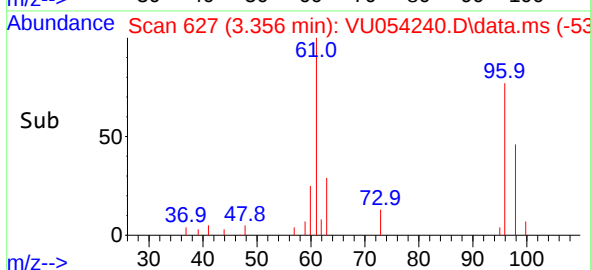
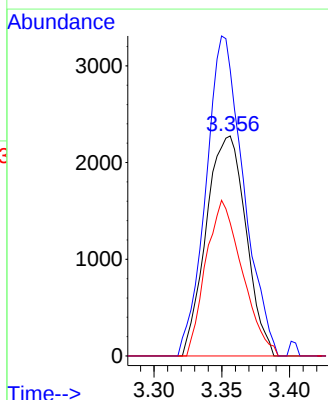
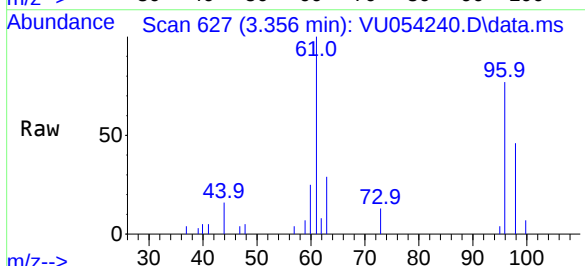
Instrument :  
MSVOA\_U  
ClientSampleId :  
CONY7

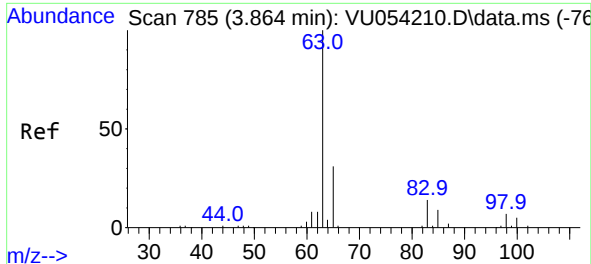
Tgt Ion: 96 Resp: 13461  
Ion Ratio Lower Upper  
96 100  
61 163.7 114.7 212.9  
63 227.3 68.6 127.4#



#18  
trans-1,2-Dichloroethene  
Concen: 0.417 ug/L  
RT: 3.356 min Scan# 627  
Delta R.T. 0.007 min  
Lab File: VU054240.D  
Acq: 22 May 2023 12:19

Tgt Ion: 96 Resp: 4645  
Ion Ratio Lower Upper  
96 100  
61 130.1 94.1 174.8  
98 60.4 45.3 84.1





#19

1,1-Dichloroethane

Concen: 0.328 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU054240.D

Acq: 22 May 2023 12:19

Instrument :

MSVOA\_U

ClientSampleId :

CONY7

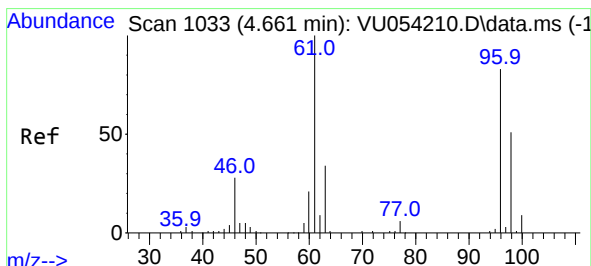
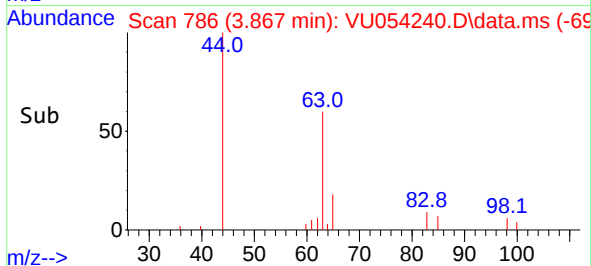
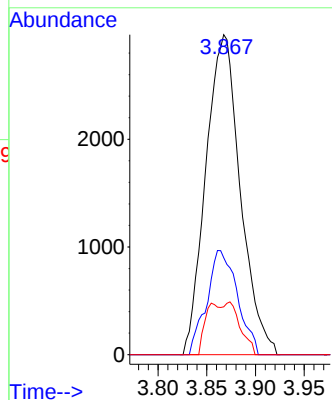
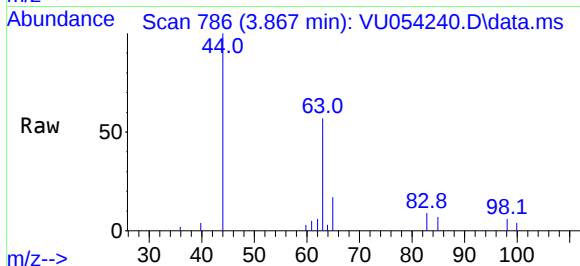
Tgt Ion: 63 Resp: 7317

Ion Ratio Lower Upper

63 100

65 30.3 20.7 38.5

83 14.9 10.1 18.7



#22

cis-1,2-Dichloroethene

Concen: 51.906 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU054240.D

Acq: 22 May 2023 12:19

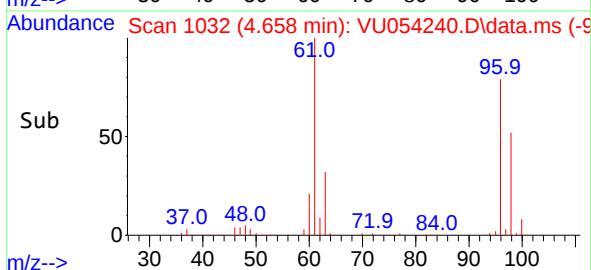
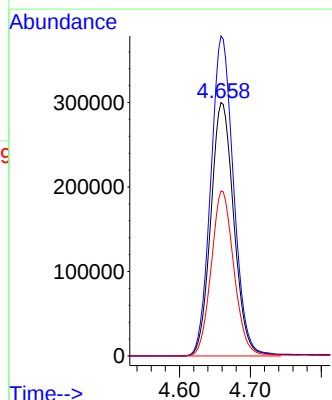
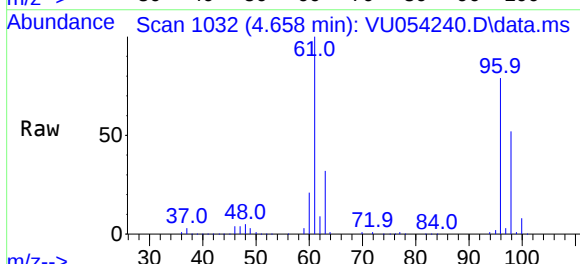
Tgt Ion: 96 Resp: 675945

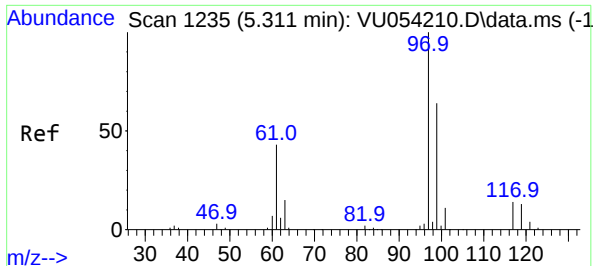
Ion Ratio Lower Upper

96 100

61 126.3 85.0 157.8

98 65.1 45.8 85.0



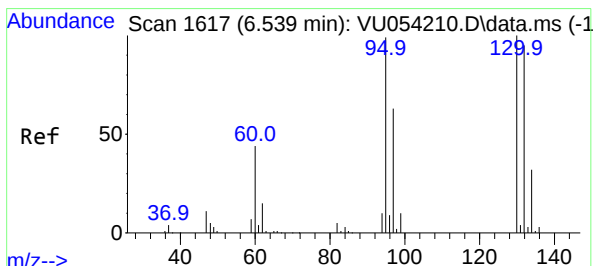
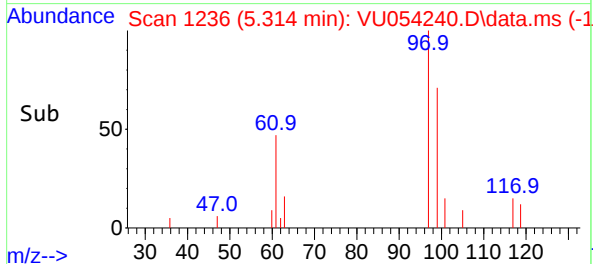
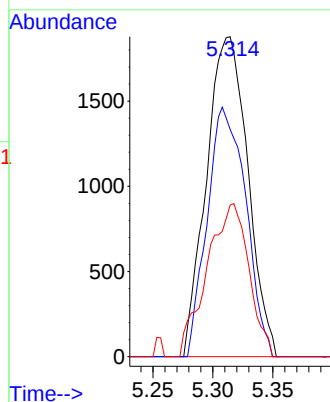
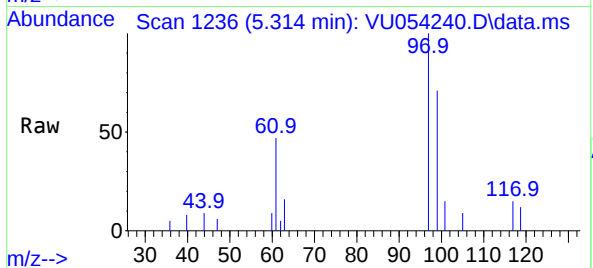


#29  
1,1,1-Trichloroethane  
Concen: 0.211 ug/L  
RT: 5.314 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU054240.D  
Acq: 22 May 2023 12:19

Instrument :  
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Tgt Ion: 97 Resp: 4504

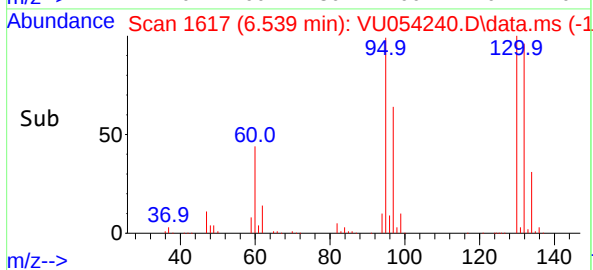
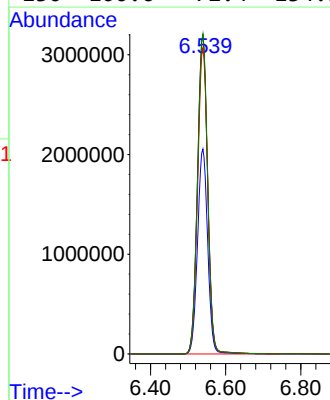
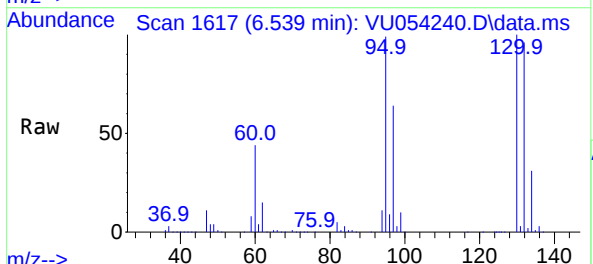
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 72.7  | 51.8  | 77.6  |
| 61  | 48.3  | 33.4  | 50.2  |

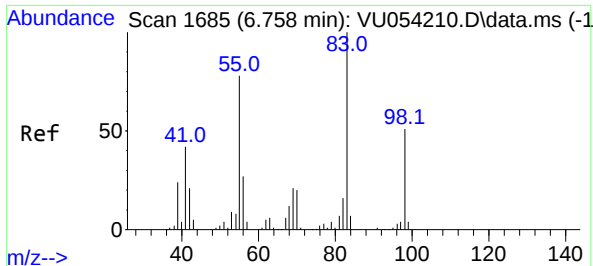


#34  
Trichloroethene  
Concen: 463.972 ug/L  
RT: 6.539 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: VU054240.D  
Acq: 22 May 2023 12:19

Tgt Ion: 95 Resp: 6008834

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.4  | 45.8  | 85.0  |
| 132 | 96.2  | 70.1  | 130.3 |
| 130 | 100.6 | 72.4  | 134.5 |

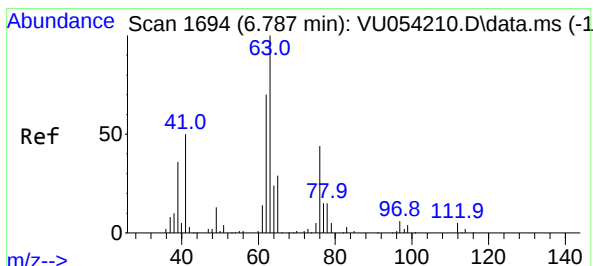
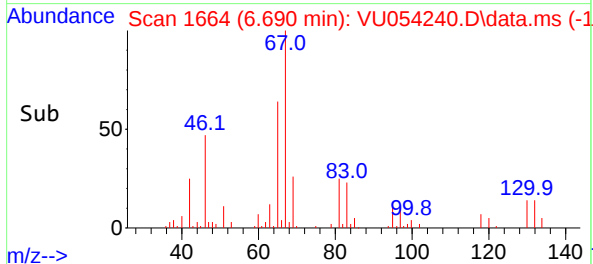
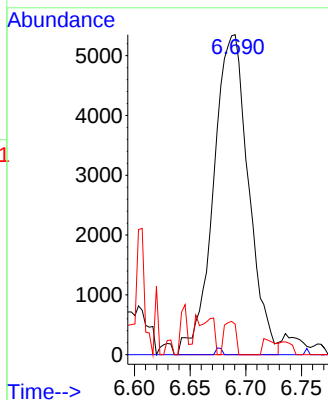
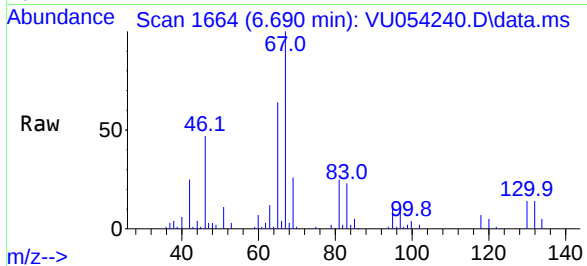




#35  
Methylcyclohexane  
Concen: 0.618 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.067 min  
Lab File: VU054240.D  
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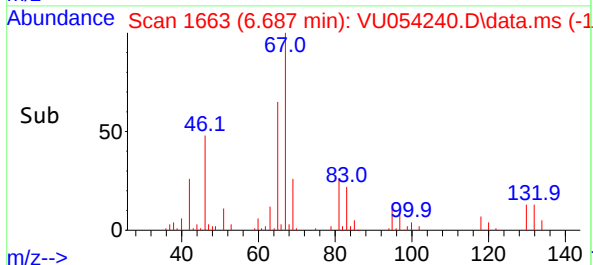
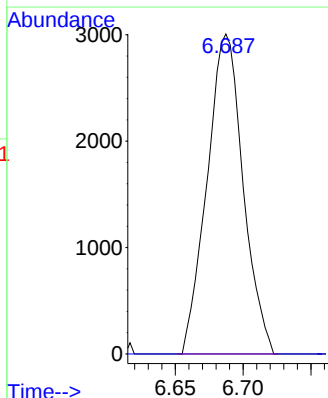
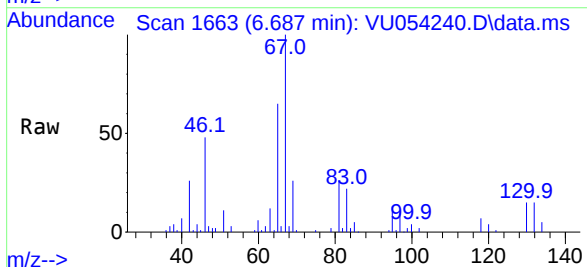
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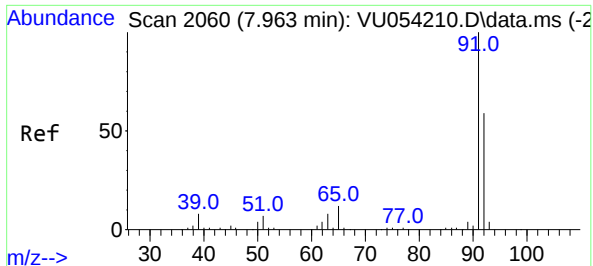
Tgt Ion: 83 Resp: 11700  
Ion Ratio Lower Upper  
83 100  
55 0.4 61.6 92.4#  
98 0.0 41.3 61.9#



#37  
1,2-Dichloropropane  
Concen: 0.440 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.099 min  
Lab File: VU054240.D  
Acq: 22 May 2023 12:19

Tgt Ion: 63 Resp: 5560  
Ion Ratio Lower Upper  
63 100  
112 0.8 3.3 4.9#

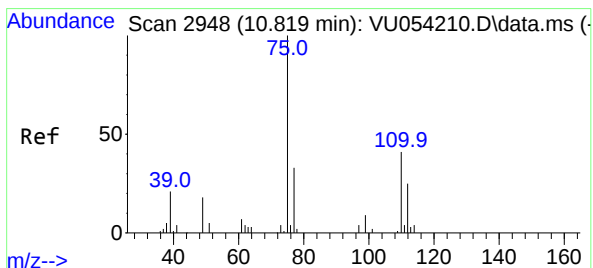
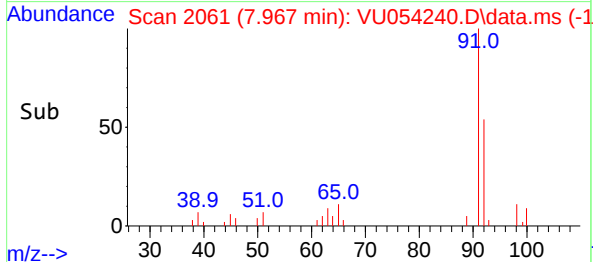
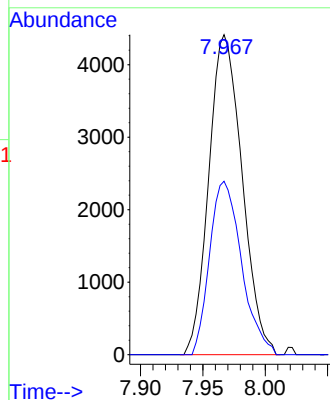
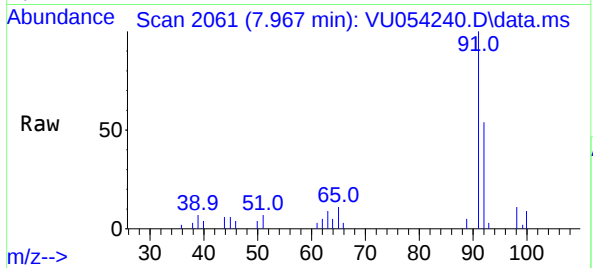




#42  
Toluene  
Concen: 0.161 ug/L  
RT: 7.967 min Scan# 2060  
Delta R.T. 0.003 min  
Lab File: VU054240.D  
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Tgt Ion: 91 Resp: 8214  
Ion Ratio Lower Upper  
91 100  
92 54.2 42.1 78.1



#61  
1,2,3-Trichloropropane  
Concen: 1.341 ug/L  
RT: 11.806 min Scan# 3255  
Delta R.T. 0.987 min  
Lab File: VU054240.D  
Acq: 22 May 2023 12:19

Tgt Ion: 75 Resp: 9196  
Ion Ratio Lower Upper  
75 100  
110 2.3 32.3 48.5#  
77 35.0 26.3 39.5

