

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW011822\  
 Data File : VW024389.D  
 Acq On : 18 Jan 2022 13:23  
 Operator : SY/MD  
 Sample : N1115-11ME  
 Misc : 7.04g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGLS1ME

Quant Time: Jan 19 01:04:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM123121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 19 01:03:04 2022  
 Response via : Initial Calibration

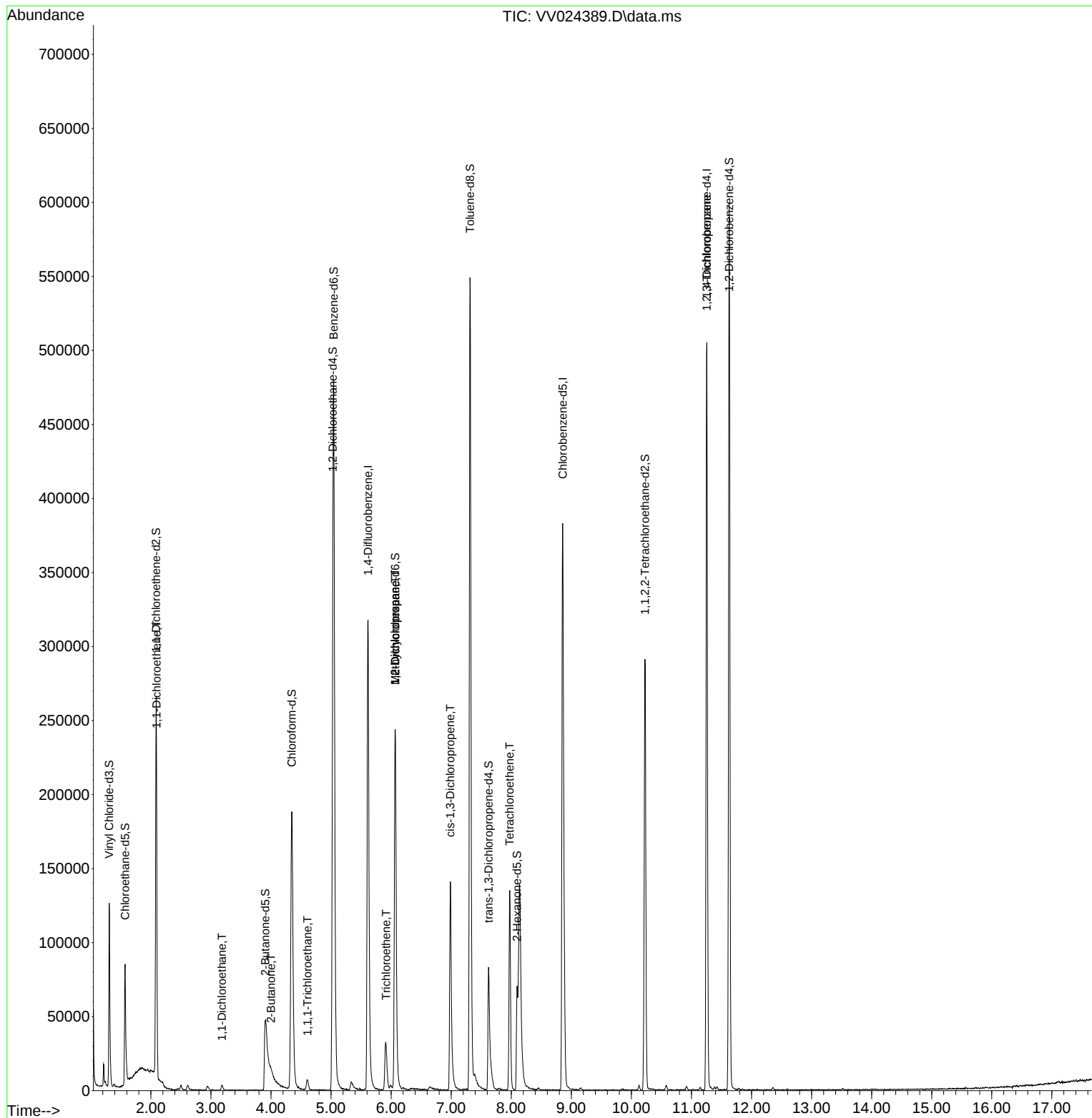
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|--------|-----------|
| -----                         |         |       |          |          |        |           |
| Internal Standards            |         |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.616   | 114   | 303052   | 50.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.857   | 117   | 281490   | 50.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.255  | 152   | 138197   | 50.000   | ug/L   | 0.00      |
|                               |         |       |          |          |        |           |
| System Monitoring Compounds   |         |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.307   | 65    | 89630    | 41.095   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 82.200%   |
| 7) Chloroethane-d5            | 1.571   | 69    | 62795    | 37.901   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 75.800%   |
| 11) 1,1-Dichloroethene-d2     | 2.089   | 63    | 129336   | 31.729   | ug/L   | -0.02     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 63.460%   |
| 21) 2-Butanone-d5             | 3.905   | 46    | 122482   | 100.796  | ug/L   | 0.02      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 100.800%  |
| 24) Chloroform-d              | 4.346   | 84    | 199186   | 49.969   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 99.940%   |
| 26) 1,2-Dichloroethane-d4     | 5.031   | 65    | 134202   | 50.285   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.560%  |
| 32) Benzene-d6                | 5.043   | 84    | 406500   | 55.339   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 110.680%  |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67    | 124478   | 60.466   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 120.940%# |
| 41) Toluene-d8                | 7.314   | 98    | 389915   | 54.823   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 109.640%  |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79    | 63012    | 53.155   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 106.320%  |
| 47) 2-Hexanone-d5             | 8.098   | 63    | 20429    | 22.841   | ug/L   | 0.01      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 22.840%#  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.227  | 84    | 153351   | 52.125   | ug/L   | 0.01      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 104.260%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.628  | 152   | 157245   | 57.084   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 114.160%  |
|                               |         |       |          |          |        |           |
| Target Compounds              |         |       |          |          |        | Qvalue    |
| 12) 1,1-Dichloroethene        | 2.095   | 96    | 3712     | 2.011    | ug/L # | 1         |
| 19) 1,1-Dichloroethane        | 3.182   | 63    | 3426     | 1.086    | ug/L   | 96        |
| 22) 2-Butanone                | 3.999   | 43    | 13138    | 10.309   | ug/L   | 72        |
| 30) 1,1,1-Trichloroethane     | 4.609   | 97    | 5707     | 1.648    | ug/L   | 99        |
| 34) Trichloroethene           | 5.915   | 95    | 6528     | 3.307    | ug/L   | 91        |
| 35) Methylcyclohexane         | 6.069   | 83    | 31807    | 10.866   | ug/L # | 21        |
| 37) 1,2-Dichloropropane       | 6.069   | 63    | 14695    | 8.729    | ug/L # | 82        |
| 39) cis-1,3-Dichloropropene   | 6.986   | 75    | 4051     | 1.431    | ug/L # | 67        |
| 46) Tetrachloroethene         | 7.976   | 164   | 31672    | 17.630   | ug/L   | 96        |
| 61) 1,2,3-Trichloropropane    | 11.252  | 75    | 14571    | 7.180    | ug/L # | 62        |
| -----                         |         |       |          |          |        |           |

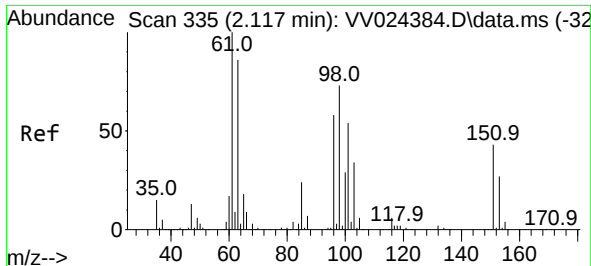
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011822\  
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Sample : N1115-11ME  
Misc : 7.04g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
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Instrument :  
MSVOA\_V  
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BGLS1ME

Quant Time: Jan 19 01:04:46 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM123121WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jan 19 01:03:04 2022  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.011 ug/L

RT: 2.095 min Scan# 31

Delta R.T. -0.022 min

Lab File: VV024389.D

Acq: 18 Jan 2022 13:23

Instrument :

MSVOA\_V

ClientSampleId :

BGLS1ME

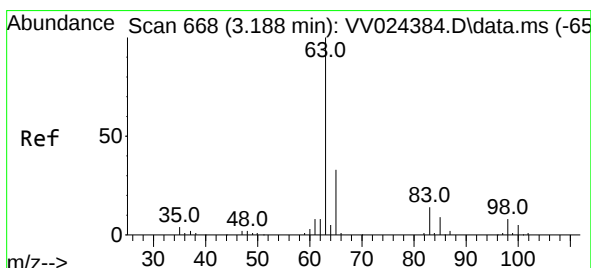
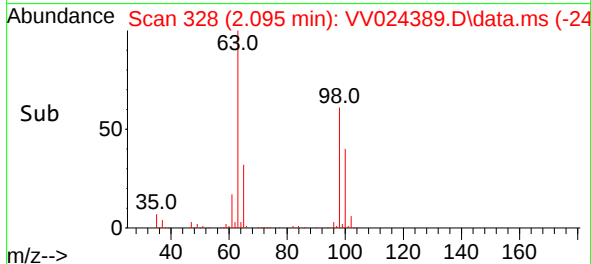
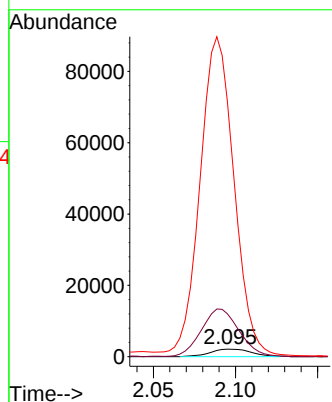
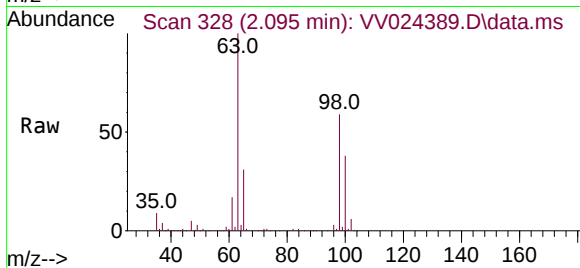
Tgt Ion: 96 Resp: 3712

Ion Ratio Lower Upper

96 100

61 573.4 111.9 207.9#

63 3411.7 82.7 153.5#



#19

1,1-Dichloroethane

Concen: 1.086 ug/L

RT: 3.182 min Scan# 666

Delta R.T. -0.006 min

Lab File: VV024389.D

Acq: 18 Jan 2022 13:23

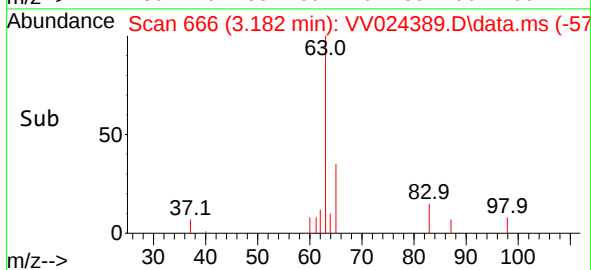
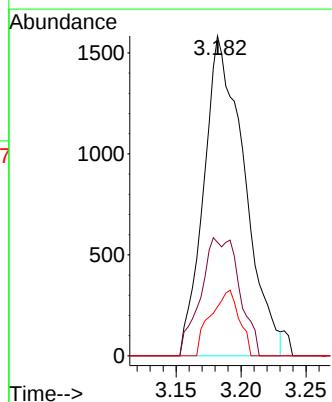
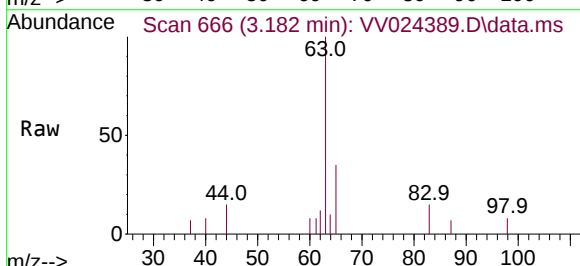
Tgt Ion: 63 Resp: 3426

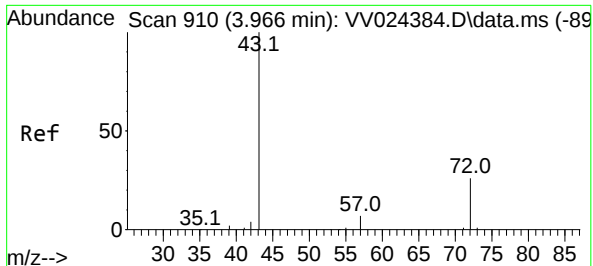
Ion Ratio Lower Upper

63 100

65 35.5 22.4 41.6

83 15.3 10.6 19.6





#22

2-Butanone

Concen: 10.309 ug/L

RT: 3.999 min Scan# 910

Delta R.T. 0.032 min

Lab File: VV024389.D

Acq: 18 Jan 2022 13:23

Instrument :

MSVOA\_V

ClientSampleId :

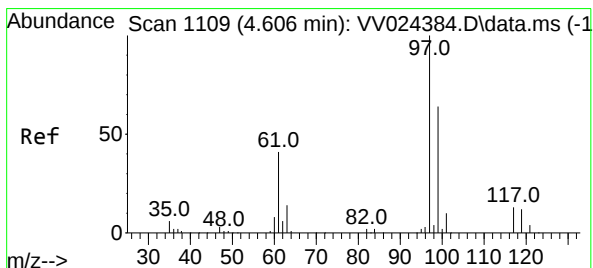
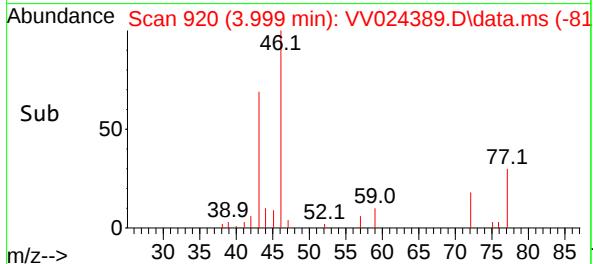
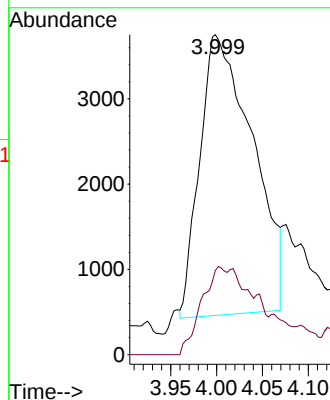
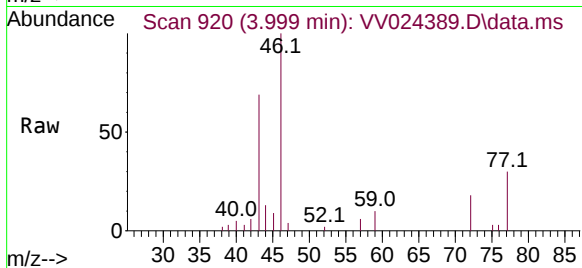
BGLS1ME

Tgt Ion: 43 Resp: 13138

Ion Ratio Lower Upper

43 100

72 15.0 14.9 44.9



#30

1,1,1-Trichloroethane

Concen: 1.648 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024389.D

Acq: 18 Jan 2022 13:23

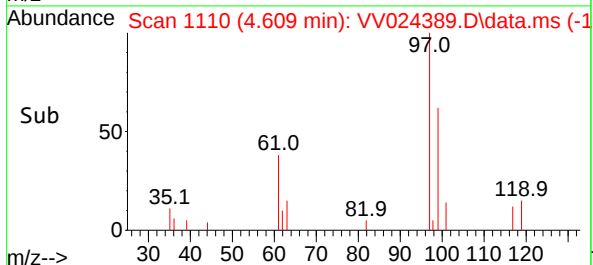
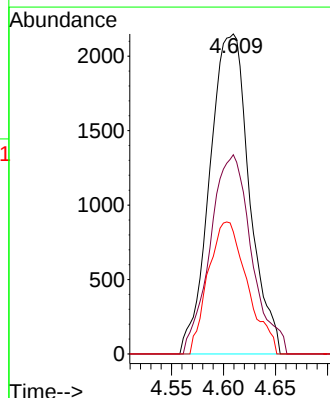
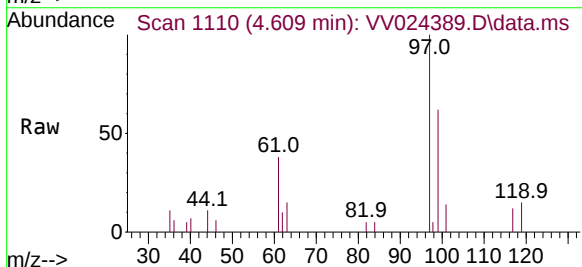
Tgt Ion: 97 Resp: 5707

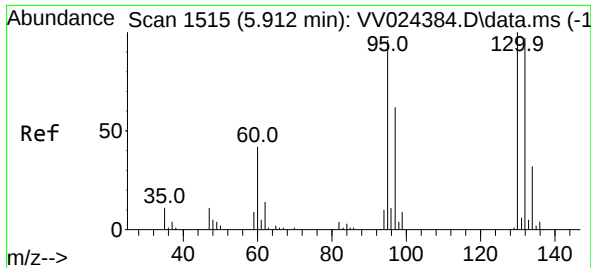
Ion Ratio Lower Upper

97 100

99 64.7 51.2 76.8

61 40.7 33.2 49.8

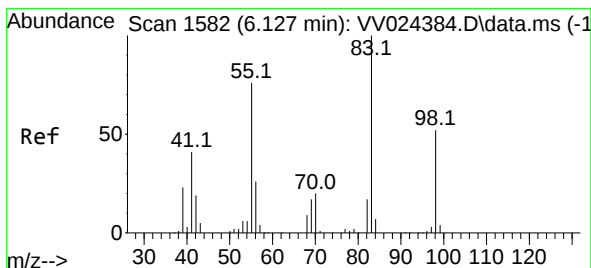
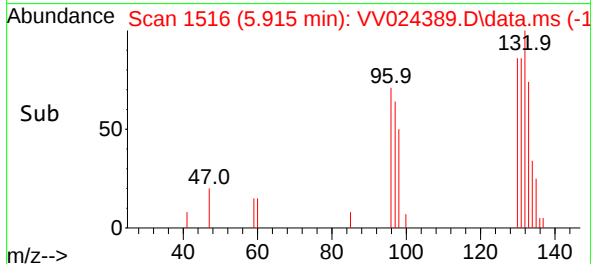
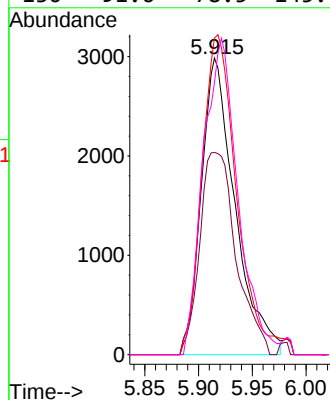
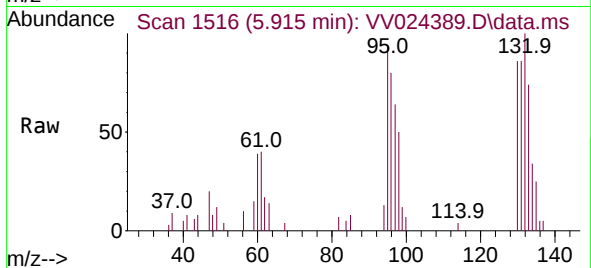




#34  
Trichloroethene  
Concen: 3.307 ug/L  
RT: 5.915 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV024389.D  
Acq: 18 Jan 2022 13:23

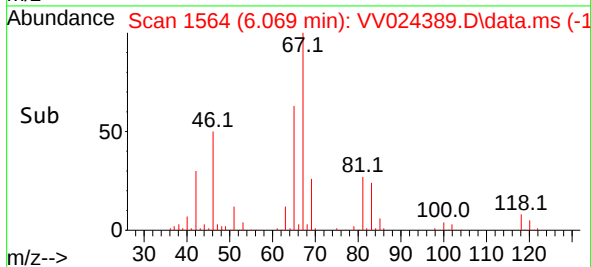
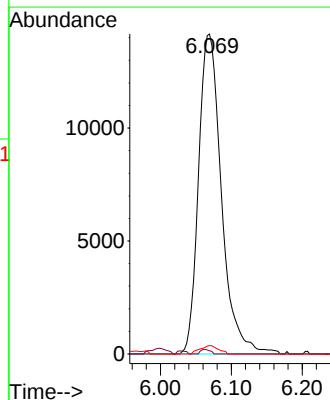
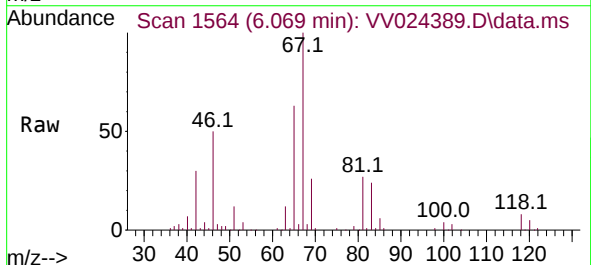
Instrument :  
MSVOA\_V  
ClientSampleId :  
BGLS1ME

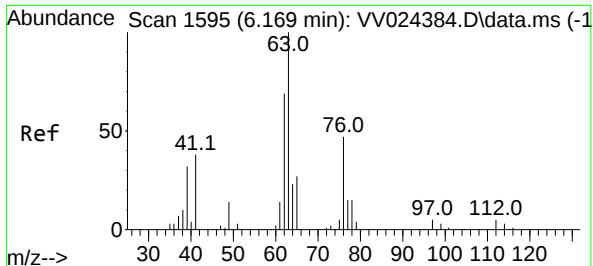
Tgt Ion: 95 Resp: 6528  
Ion Ratio Lower Upper  
95 100  
97 68.2 44.1 81.9  
132 106.7 75.1 139.5  
130 91.6 78.5 145.7



#35  
Methylcyclohexane  
Concen: 10.866 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.058 min  
Lab File: VV024389.D  
Acq: 18 Jan 2022 13:23

Tgt Ion: 83 Resp: 31807  
Ion Ratio Lower Upper  
83 100  
55 0.6 55.6 83.4#  
98 2.1 41.3 61.9#





#37

1,2-Dichloropropane

Concen: 8.729 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024389.D

Acq: 18 Jan 2022 13:23

Instrument :

MSVOA\_V

ClientSampleId :

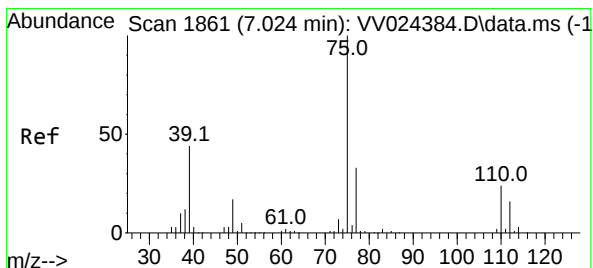
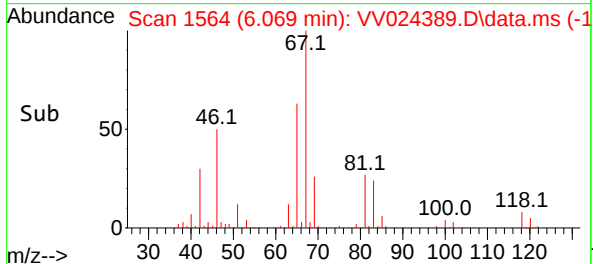
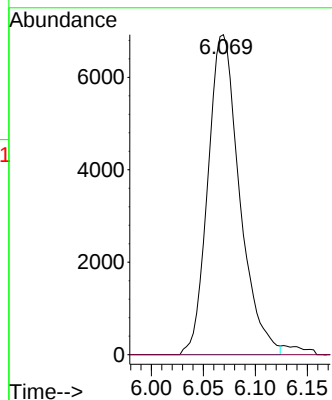
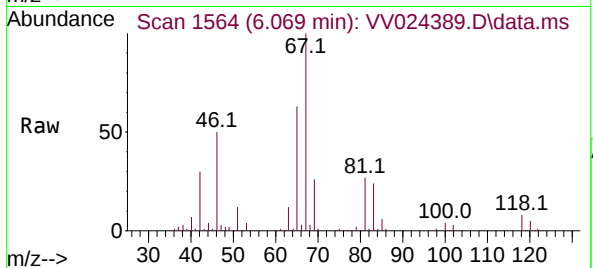
BGLS1ME

Tgt Ion: 63 Resp: 14695

Ion Ratio Lower Upper

63 100

112 0.0 4.7 7.1#



#39

cis-1,3-Dichloropropene

Concen: 1.431 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV024389.D

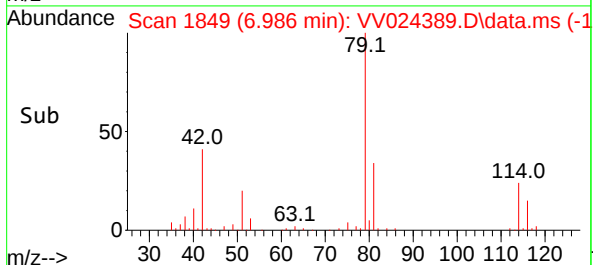
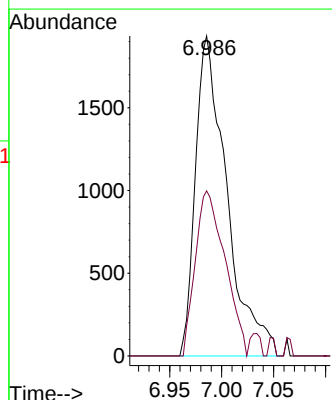
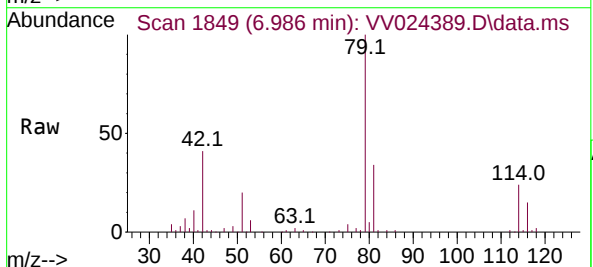
Acq: 18 Jan 2022 13:23

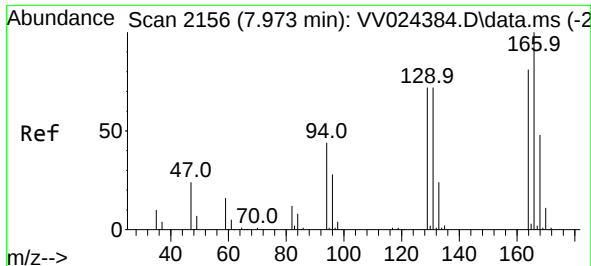
Tgt Ion: 75 Resp: 4051

Ion Ratio Lower Upper

75 100

77 51.6 23.0 42.8#



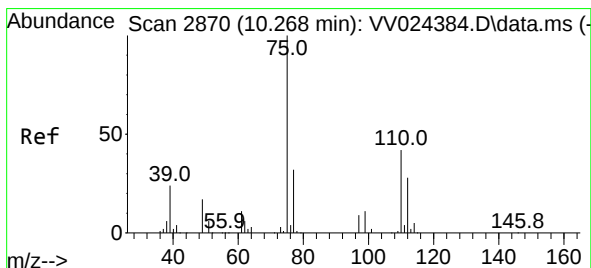
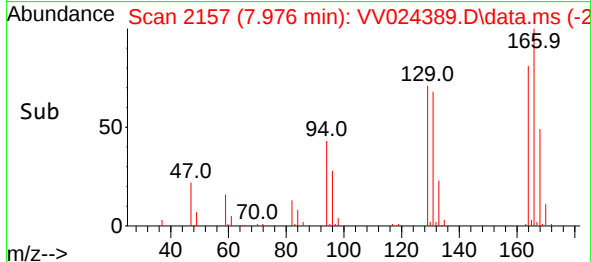
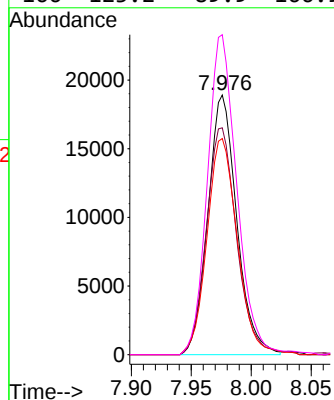
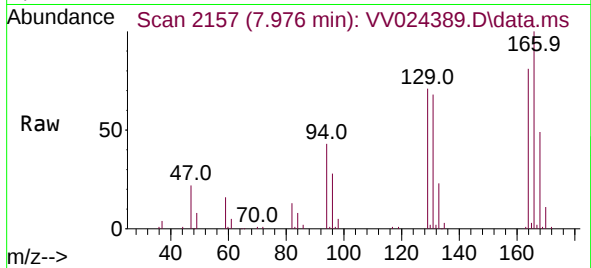


#46  
Tetrachloroethene  
Concen: 17.630 ug/L  
RT: 7.976 min Scan# 2156  
Delta R.T. 0.003 min  
Lab File: VV024389.D  
Acq: 18 Jan 2022 13:23

Instrument :  
MSVOA\_V  
ClientSampleId :  
BGLS1ME

Tgt Ion:164 Resp: 31672

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 87.4  | 61.5  | 114.1 |
| 131 | 83.2  | 62.2  | 115.4 |
| 166 | 123.2 | 89.9  | 166.9 |



#61  
1,2,3-Trichloropropane  
Concen: 7.180 ug/L  
RT: 11.252 min Scan# 3176  
Delta R.T. 0.984 min  
Lab File: VV024389.D  
Acq: 18 Jan 2022 13:23

Tgt Ion: 75 Resp: 14571

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 33.6  | 26.9  | 40.3  |
| 110 | 2.9   | 37.1  | 55.7# |

