

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031522\  
 Data File : VW025015.D  
 Acq On : 15 Mar 2022 22:26  
 Operator : SY/MD  
 Sample : N1933-11  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GBDC2

Quant Time: Mar 16 03:42:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 16 03:30:21 2022  
 Response via : Initial Calibration

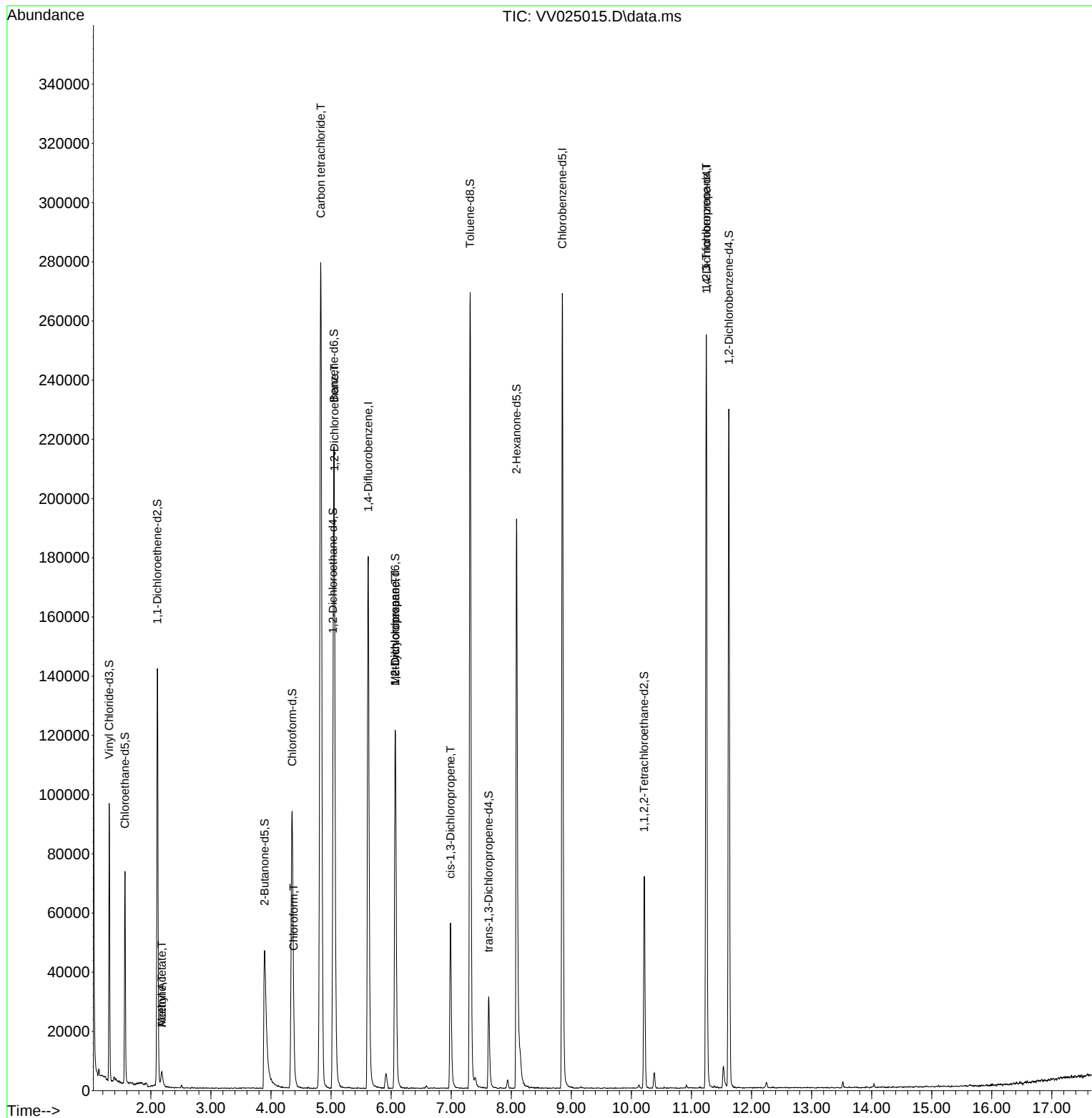
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 162015   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 151168   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 66003    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 59086    | 4.619    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 92.400%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 44465    | 4.747    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 73529    | 3.557    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 71.200%  |
| 20) 2-Butanone-d5             | 3.892  | 46    | 85812    | 55.512   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 111.020% |
| 24) Chloroform-d              | 4.352  | 84    | 100201   | 4.723    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 44453    | 5.012    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.200% |
| 32) Benzene-d6                | 5.050  | 84    | 211158   | 4.815    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 63723    | 5.053    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.000% |
| 41) Toluene-d8                | 7.317  | 98    | 182560   | 4.568    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.400%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 19771    | 4.498    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.000%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 69178    | 46.136   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 92.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 37177    | 5.012    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.200% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 58630    | 5.247    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.000% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 2.182  | 43    | 7684     | 7.432    | ug/L   | 77       |
| 15) Methyl Acetate            | 2.182  | 43    | 6988     | 2.467    | ug/L # | 44       |
| 25) Chloroform                | 4.378  | 83    | 4416     | 0.201    | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 5.056  | 62    | 941      | 0.086    | ug/L # | 71       |
| 31) Carbon tetrachloride      | 4.828  | 117   | 213560   | 12.912   | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.069  | 83    | 15325    | 0.739    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.069  | 63    | 6361     | 0.563    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75    | 1454     | 0.093    | ug/L   | 84       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 8686     | 1.565    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

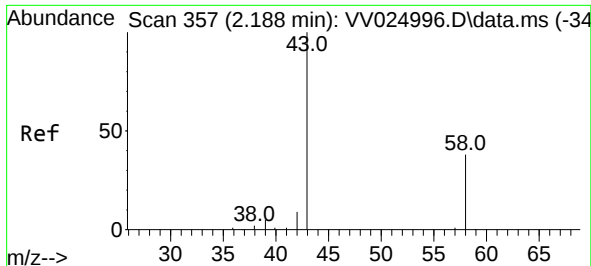
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR031522WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Mar 16 03:30:21 2022  
Response via : Initial Calibration





#13

Acetone

Concen: 7.432 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.006 min

Lab File: VV025015.D

Acq: 15 Mar 2022 22:26

Instrument :

MSVOA\_V

ClientSampleId :

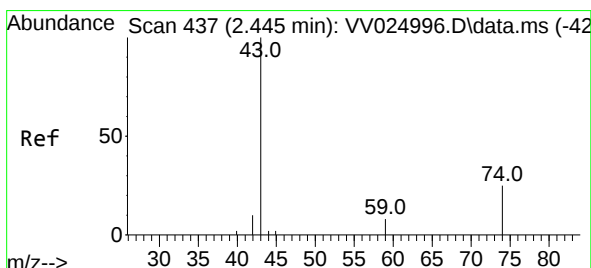
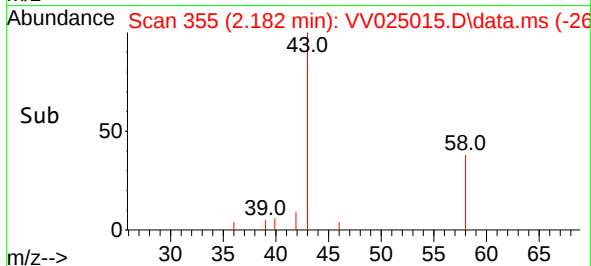
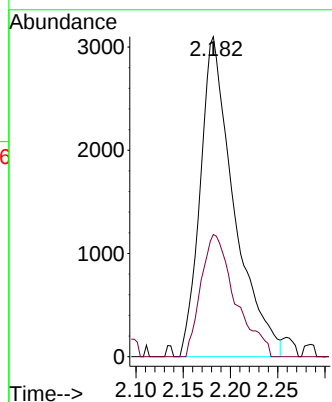
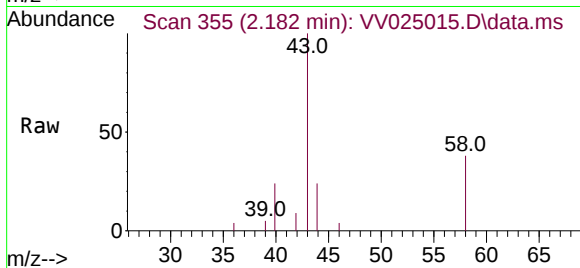
GBDC2

Tgt Ion: 43 Resp: 7684

Ion Ratio Lower Upper

43 100

58 38.9 0.0 54.2



#15

Methyl Acetate

Concen: 2.467 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.263 min

Lab File: VV025015.D

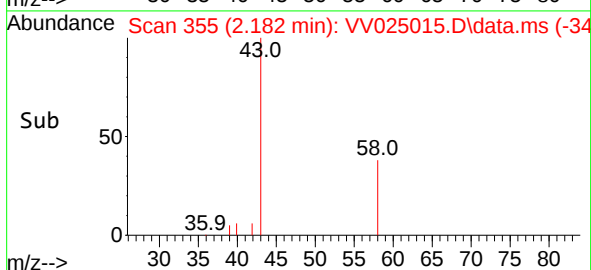
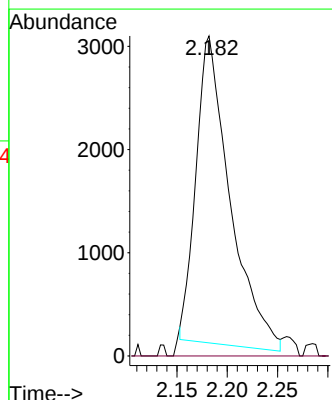
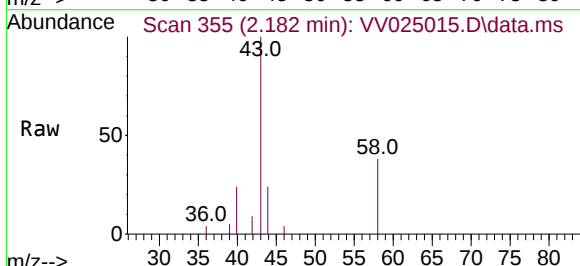
Acq: 15 Mar 2022 22:26

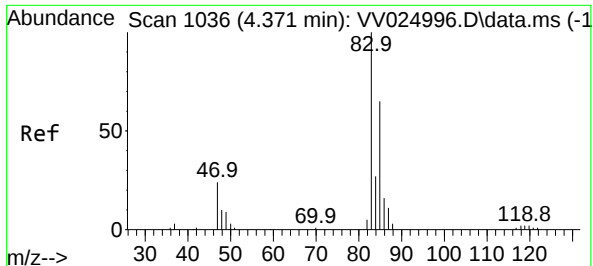
Tgt Ion: 43 Resp: 6988

Ion Ratio Lower Upper

43 100

74 0.0 24.2 36.4#





#25

Chloroform

Concen: 0.201 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV025015.D

Acq: 15 Mar 2022 22:26

Instrument :

MSVOA\_V

ClientSampleId :

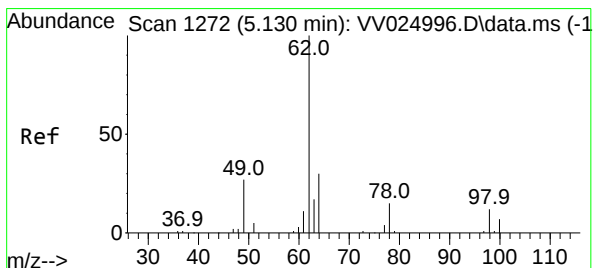
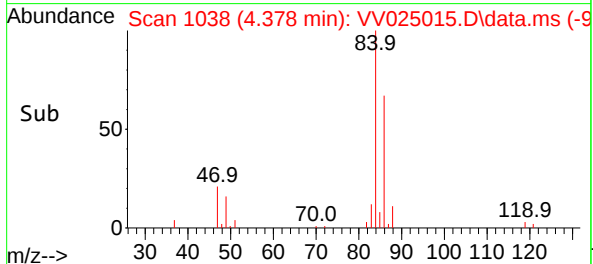
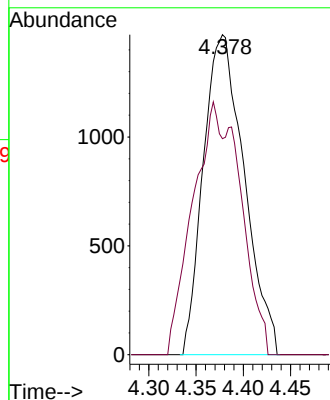
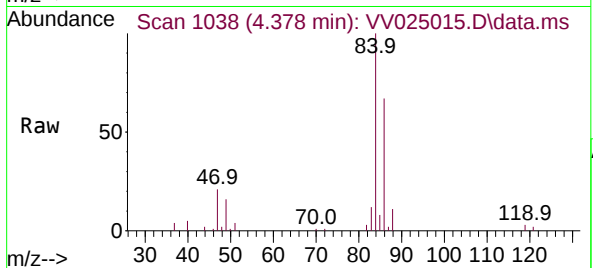
GBDC2

Tgt Ion: 83 Resp: 4416

Ion Ratio Lower Upper

83 100

85 67.5 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.086 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.074 min

Lab File: VV025015.D

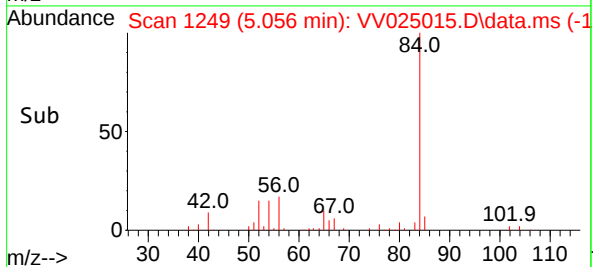
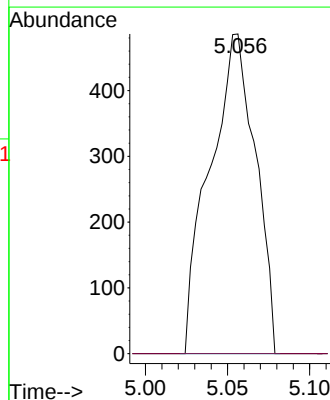
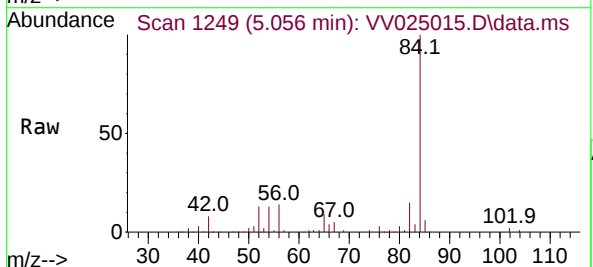
Acq: 15 Mar 2022 22:26

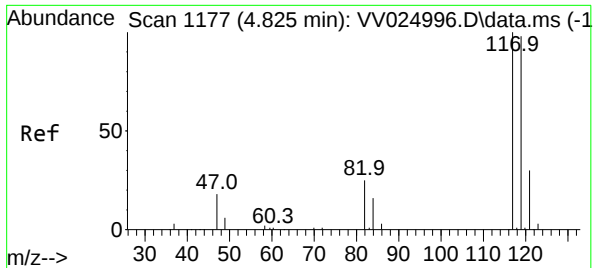
Tgt Ion: 62 Resp: 941

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#

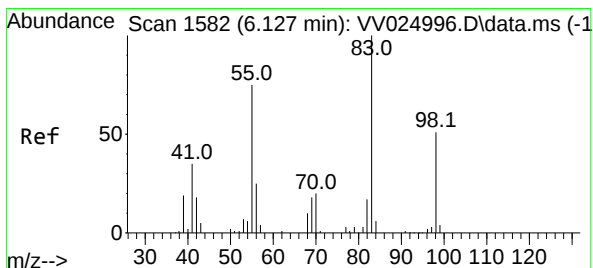
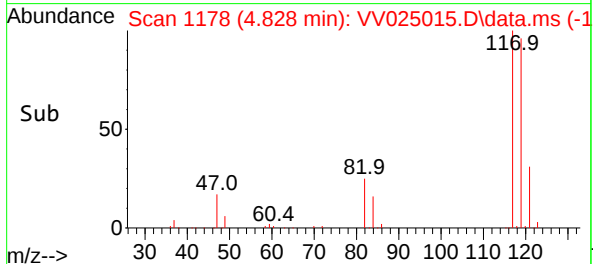
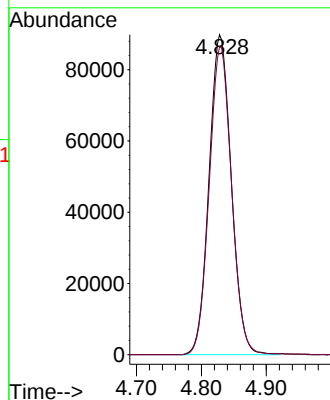
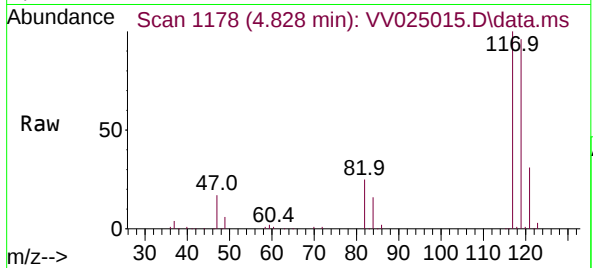




#31  
Carbon tetrachloride  
Concen: 12.912 ug/L  
RT: 4.828 min Scan# 1177  
Delta R.T. 0.003 min  
Lab File: VV025015.D  
Acq: 15 Mar 2022 22:26

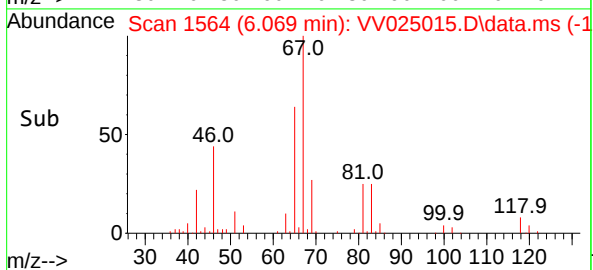
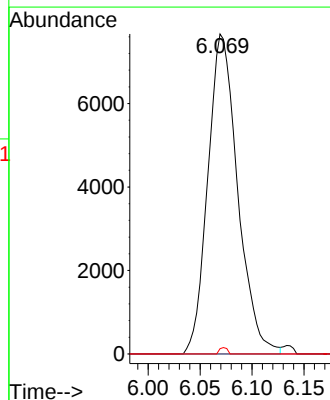
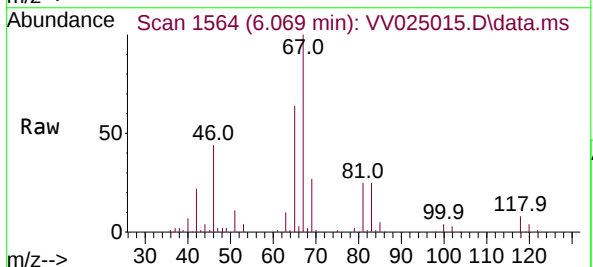
Instrument :  
MSVOA\_V  
ClientSampleId :  
GBDC2

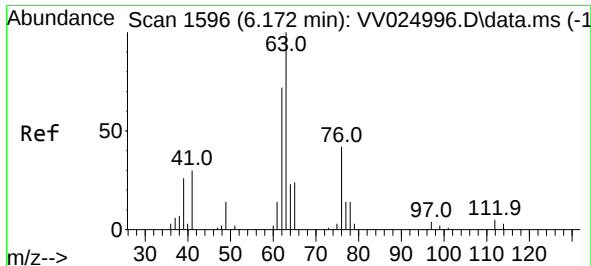
Tgt Ion:117 Resp: 213560  
Ion Ratio Lower Upper  
117 100  
119 96.6 76.8 115.2



#35  
Methylcyclohexane  
Concen: 0.739 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.058 min  
Lab File: VV025015.D  
Acq: 15 Mar 2022 22:26

Tgt Ion: 83 Resp: 15325  
Ion Ratio Lower Upper  
83 100  
55 0.0 55.4 83.0#  
98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.563 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025015.D

Acq: 15 Mar 2022 22:26

Instrument :

MSVOA\_V

ClientSampleId :

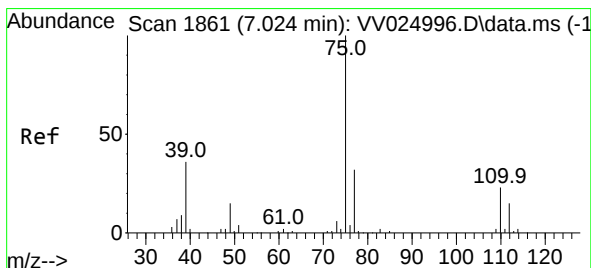
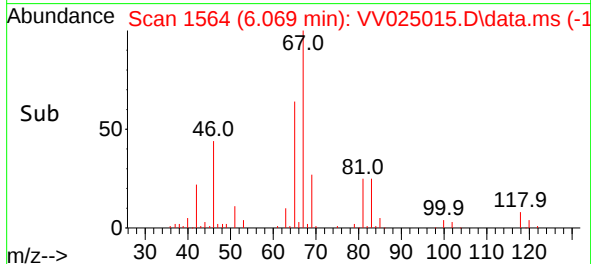
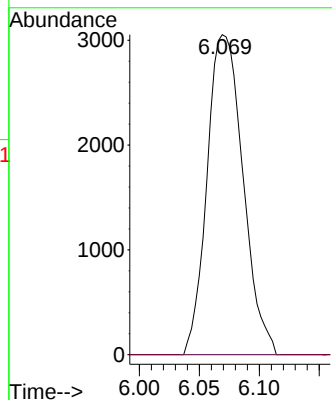
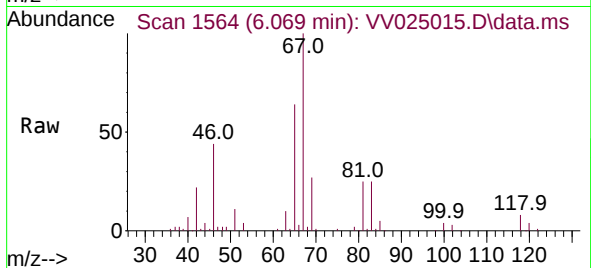
GBDC2

Tgt Ion: 63 Resp: 6361

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV025015.D

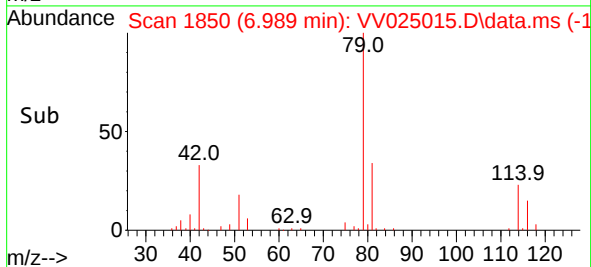
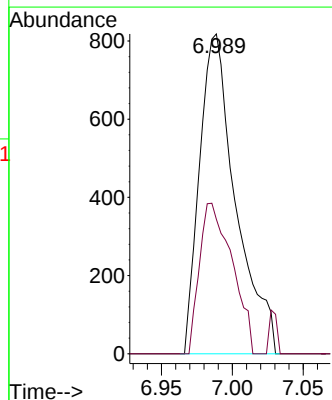
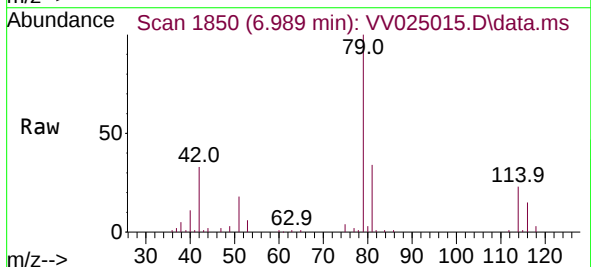
Acq: 15 Mar 2022 22:26

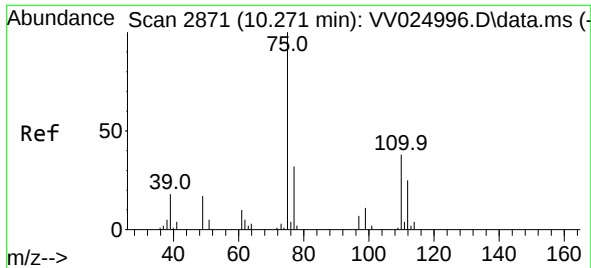
Tgt Ion: 75 Resp: 1454

Ion Ratio Lower Upper

75 100

77 42.1 23.0 42.8





#61

1,2,3-Trichloropropane

Concen: 1.565 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV025015.D

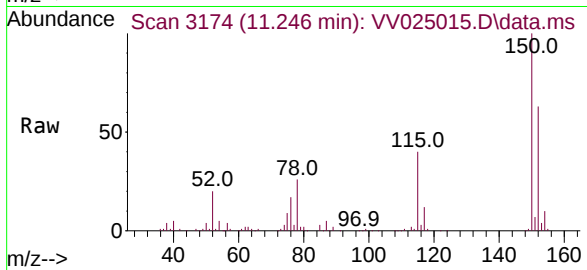
Acq: 15 Mar 2022 22:26

Instrument :

MSVOA\_V

ClientSampleId :

GBDC2



Tgt Ion: 75 Resp: 8686

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

110 2.4 31.2 46.8#

