

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW021622\  
 Data File : VW024704.D  
 Acq On : 16 Feb 2022 18:13  
 Operator : SY/MD  
 Sample : N1510-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 16 23:39:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Feb 16 23:36:08 2022  
 Response via : Initial Calibration

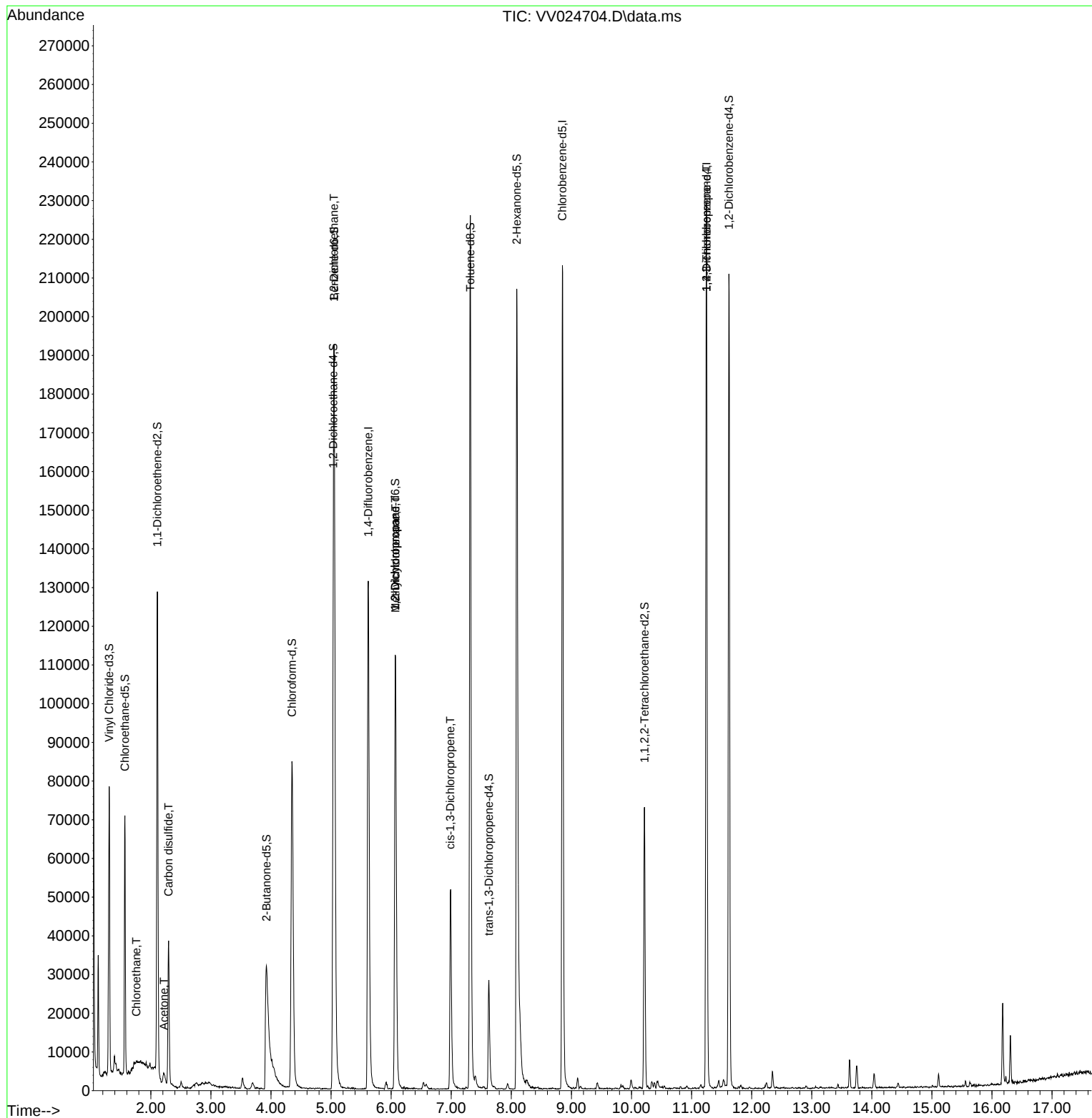
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 114494   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 113908   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 55922    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 41348    | 4.308    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 86.200%   |
| 7) Chloroethane-d5            | 1.568  | 69    | 43318    | 5.339    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 106.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 63520    | 3.026    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 60.600%   |
| 20) 2-Butanone-d5             | 3.924  | 46    | 93357    | 58.596   | ug/L   | 0.03      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 117.200%  |
| 24) Chloroform-d              | 4.349  | 84    | 90328    | 5.348    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 107.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 43923    | 5.731    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 114.600%  |
| 32) Benzene-d6                | 5.050  | 84    | 175505   | 5.430    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 108.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 55531    | 5.524    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 110.400%  |
| 41) Toluene-d8                | 7.317  | 98    | 148075   | 4.912    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.200%   |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 17977    | 4.428    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.600%   |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 77914    | 54.479   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 108.960%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 35991    | 6.013    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 120.200%# |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 50030    | 5.550    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 111.000%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 8) Chloroethane               | 1.757  | 64    | 9037     | 0.925    | ug/L # | 52        |
| 13) Acetone                   | 2.220  | 43    | 6163     | 4.902    | ug/L   | 79        |
| 14) Carbon disulfide          | 2.294  | 76    | 42128    | 1.118    | ug/L   | 99        |
| 27) 1,2-Dichloroethane        | 5.047  | 62    | 1037     | 0.090    | ug/L # | 73        |
| 35) Methylcyclohexane         | 6.072  | 83    | 13248    | 0.654    | ug/L # | 18        |
| 37) 1,2-Dichloropropane       | 6.069  | 63    | 6200     | 0.575    | ug/L # | 84        |
| 39) cis-1,3-Dichloropropene   | 6.985  | 75    | 1400     | 0.085    | ug/L # | 65        |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75    | 7399     | 1.342    | ug/L # | 63        |
| -----                         |        |       |          |          |        |           |

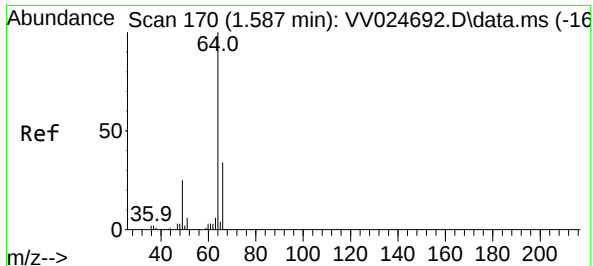
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Feb 16 23:36:08 2022  
Response via : Initial Calibration

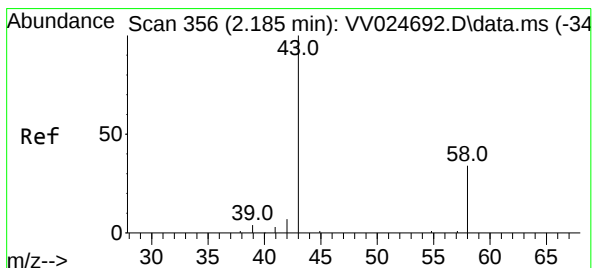
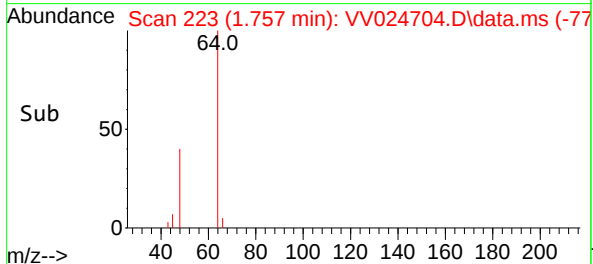
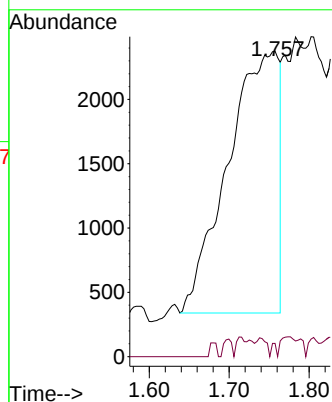
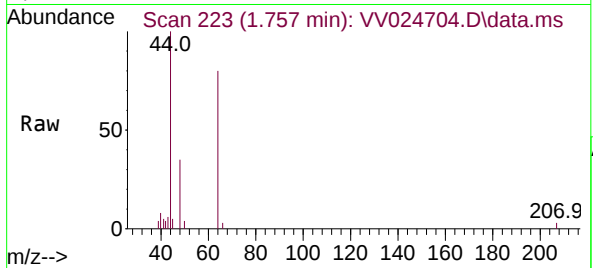




#8  
Chloroethane  
Concen: 0.925 ug/L  
RT: 1.757 min Scan# 21  
Delta R.T. 0.170 min  
Lab File: VV024704.D  
Acq: 16 Feb 2022 18:13

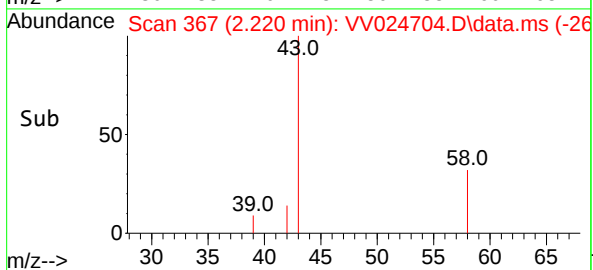
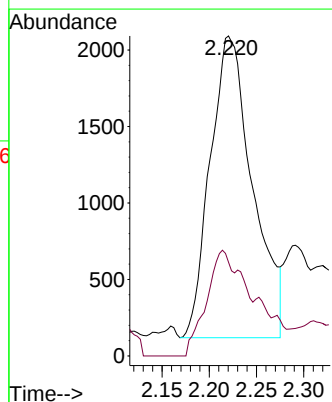
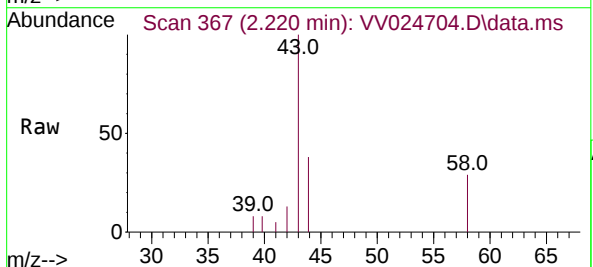
Instrument :  
MSVOA\_V  
ClientSampleId :

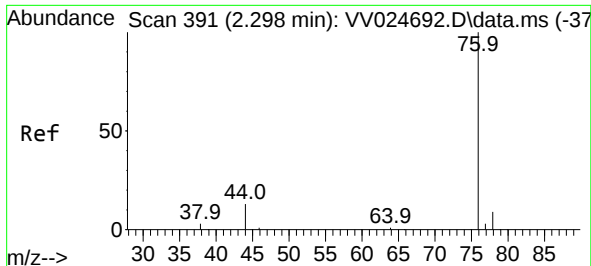
Tgt Ion: 64 Resp: 9037  
Ion Ratio Lower Upper  
64 100  
66 4.3 21.4 39.8#



#13  
Acetone  
Concen: 4.902 ug/L  
RT: 2.220 min Scan# 367  
Delta R.T. 0.035 min  
Lab File: VV024704.D  
Acq: 16 Feb 2022 18:13

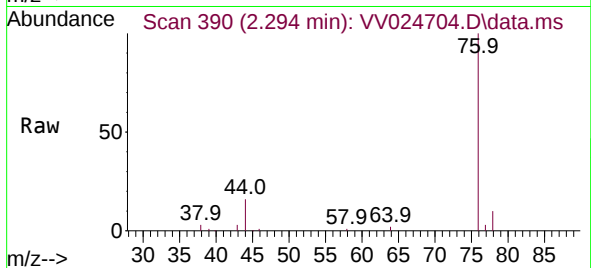
Tgt Ion: 43 Resp: 6163  
Ion Ratio Lower Upper  
43 100  
58 30.3 0.0 41.4



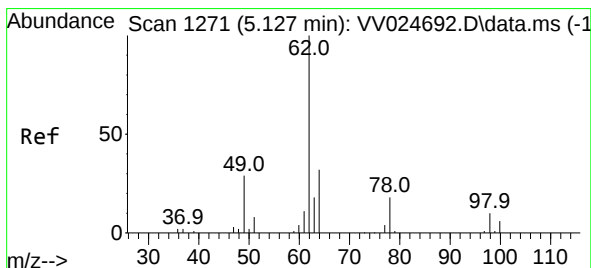
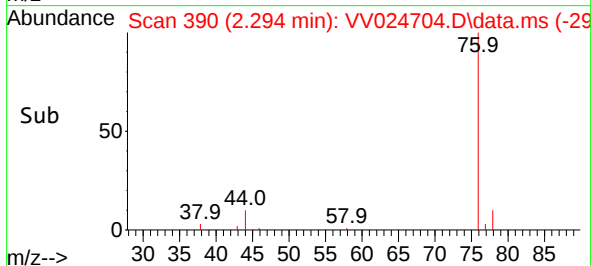
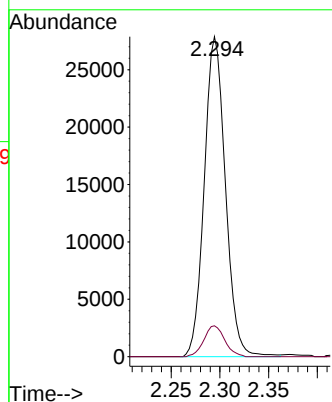


#14  
Carbon disulfide  
Concen: 1.118 ug/L  
RT: 2.294 min Scan# 391  
Delta R.T. -0.003 min  
Lab File: VV024704.D  
Acq: 16 Feb 2022 18:13

Instrument :  
MSVOA\_V  
ClientSampleId :

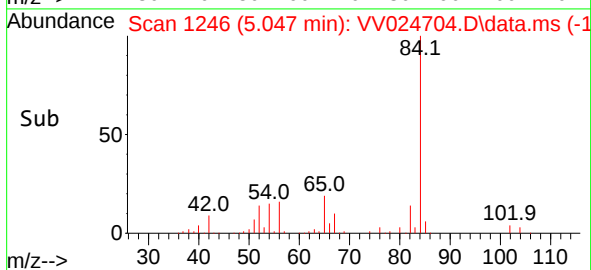
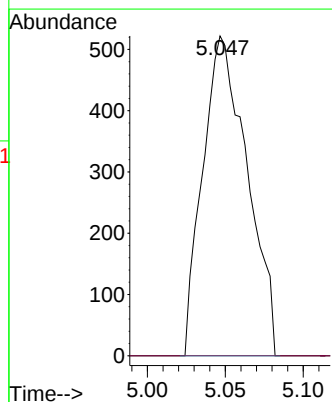
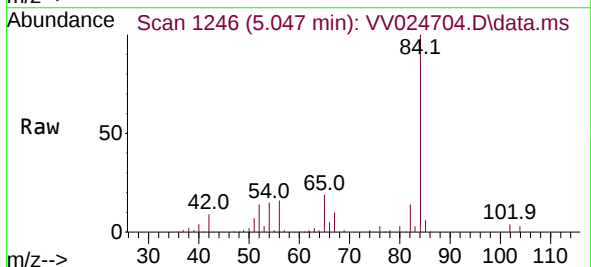


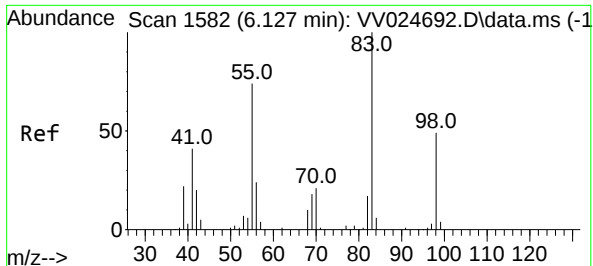
Tgt Ion: 76 Resp: 42128  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.5 11.3



#27  
1,2-Dichloroethane  
Concen: 0.090 ug/L  
RT: 5.047 min Scan# 1246  
Delta R.T. -0.080 min  
Lab File: VV024704.D  
Acq: 16 Feb 2022 18:13

Tgt Ion: 62 Resp: 1037  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.1 12.1#





#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV024704.D

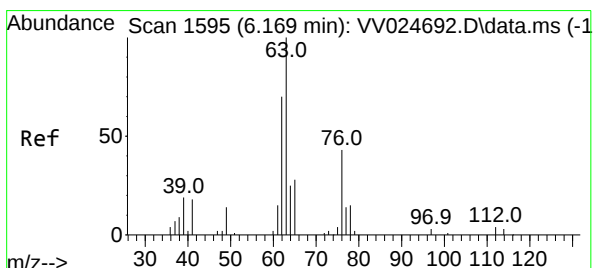
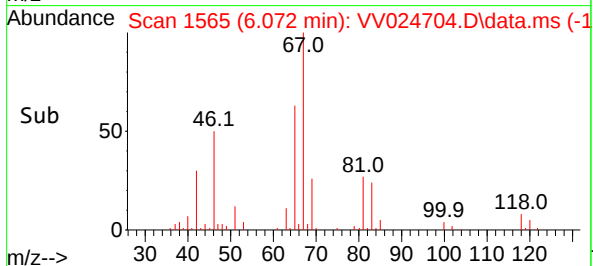
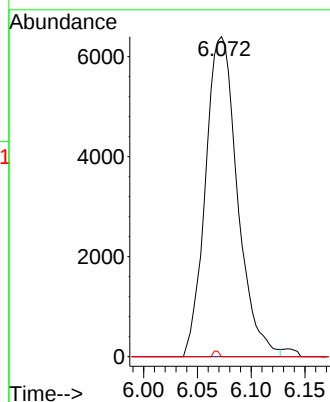
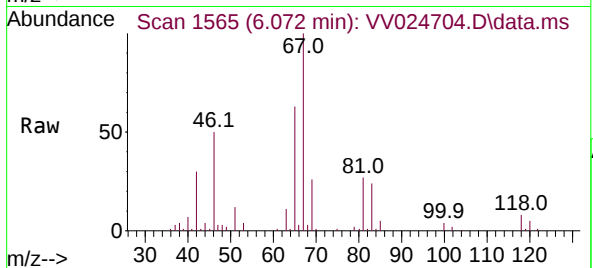
Acq: 16 Feb 2022 18:13

Instrument :

MSVOA\_V

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 13248 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.0      | 60.2 90.2#  |
| 98 0.3      | 41.0 61.4#  |



#37

1,2-Dichloropropane

Concen: 0.575 ug/L

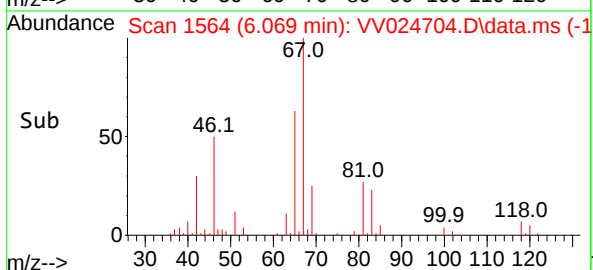
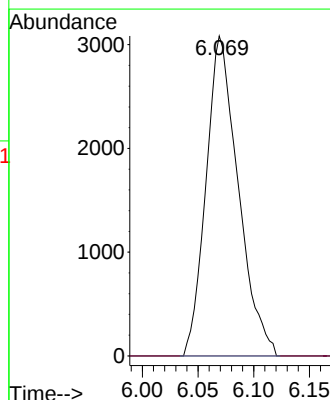
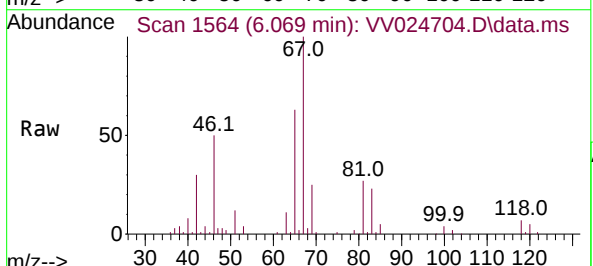
RT: 6.069 min Scan# 1564

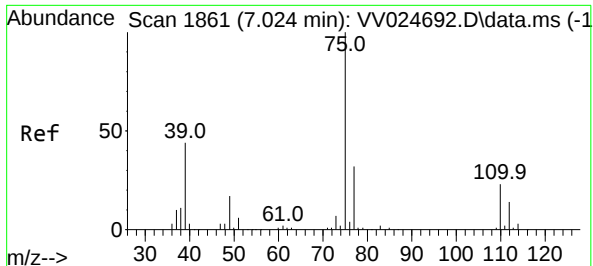
Delta R.T. -0.100 min

Lab File: VV024704.D

Acq: 16 Feb 2022 18:13

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 6200  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.0     | 4.3 6.5#    |





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV024704.D

Acq: 16 Feb 2022 18:13

Instrument :

MSVOA\_V

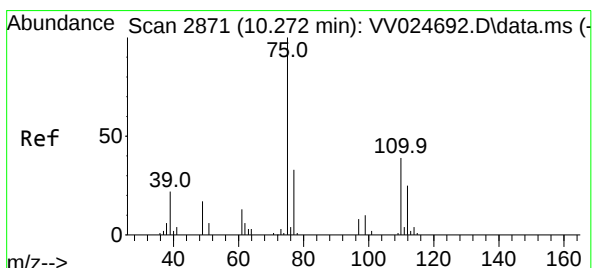
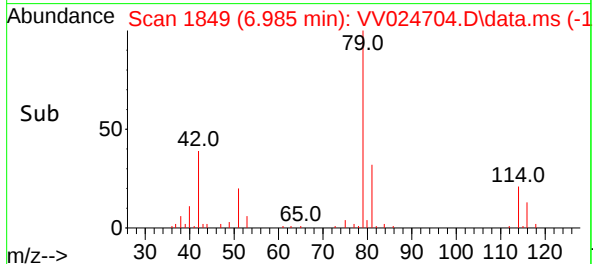
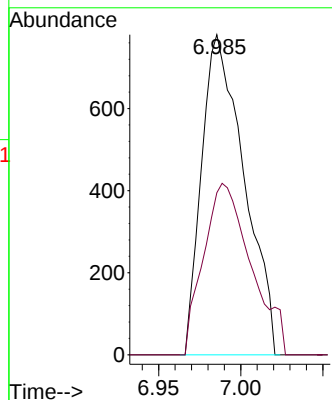
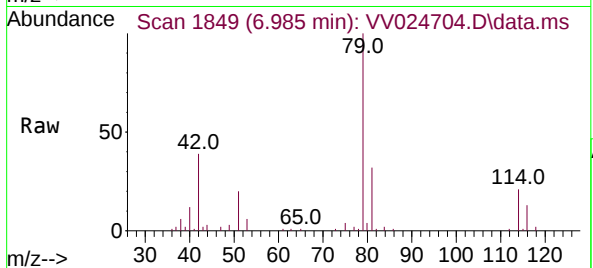
ClientSampleId :

Tgt Ion: 75 Resp: 1400

Ion Ratio Lower Upper

75 100

77 50.6 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 1.342 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV024704.D

Acq: 16 Feb 2022 18:13

Tgt Ion: 75 Resp: 7399

Ion Ratio Lower Upper

75 100

77 35.8 26.4 39.6

110 2.9 34.2 51.2#

