

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW123021\  
 Data File : VW024238.D  
 Acq On : 30 Dec 2021 12:45  
 Operator : SY/MD  
 Sample : M5193-08  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0J08

Quant Time: Dec 31 04:13:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR122721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 31 03:39:03 2021  
 Response via : Initial Calibration

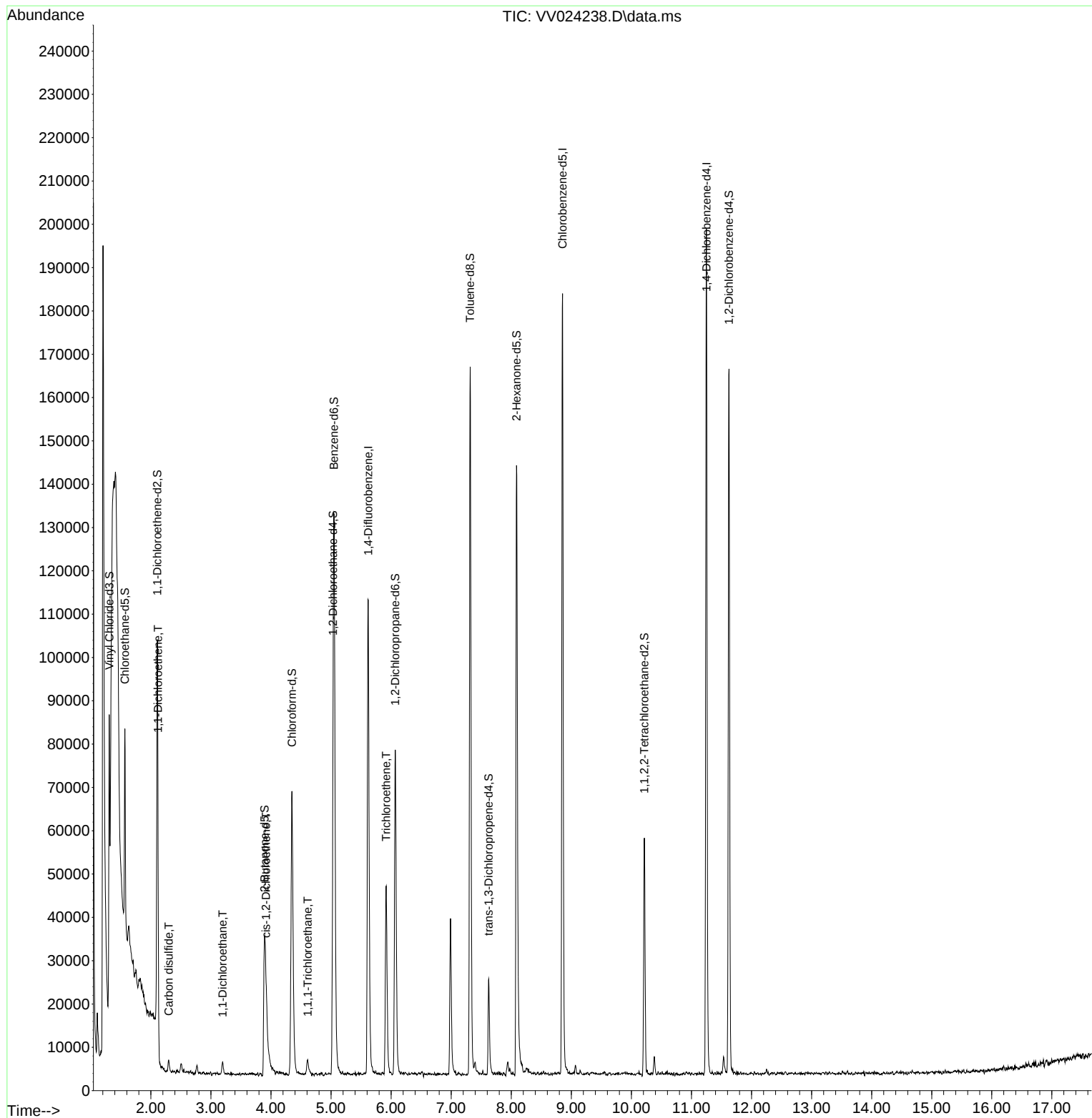
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| -----                         |        |                |          |        |           |          |
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 98060    | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 102450   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 53900    | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 33879    | 4.593  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 91.800%   |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 26677    | 4.337  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 86.800%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 49449    | 2.758  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 55.200%#  |          |
| 20) 2-Butanone-d5             | 3.892  | 46             | 59766    | 72.948 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 145.900%# |          |
| 24) Chloroform-d              | 4.349  | 84             | 65605    | 4.190  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 83.800%   |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 32595    | 4.651  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 93.000%   |          |
| 32) Benzene-d6                | 5.050  | 84             | 117854   | 4.260  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 85.200%   |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 33587    | 4.432  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 88.600%   |          |
| 41) Toluene-d8                | 7.317  | 98             | 109167   | 4.003  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 80.000%   |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 12421    | 3.871  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 77.400%   |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 50448    | 46.755 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 93.520%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 24326    | 4.701  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 94.000%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 44591    | 4.759  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 95.200%   |          |
| Target Compounds              |        |                |          |        |           |          |
|                               |        |                |          |        | Qvalue    |          |
| 12) 1,1-Dichloroethene        | 2.118  | 96             | 2887     | 0.214  | ug/L #    | 1        |
| 14) Carbon disulfide          | 2.298  | 76             | 3747     | 0.086  | ug/L      | 98       |
| 19) 1,1-Dichloroethane        | 3.195  | 63             | 2785     | 0.117  | ug/L      | 94       |
| 22) cis-1,2-Dichloroethene    | 3.918  | 96             | 2579     | 0.182  | ug/L      | 90       |
| 29) 1,1,1-Trichloroethane     | 4.613  | 97             | 3288     | 0.127  | ug/L #    | 83       |
| 34) Trichloroethene           | 5.918  | 95             | 14738    | 0.972  | ug/L      | 97       |
| -----                         |        |                |          |        |           |          |

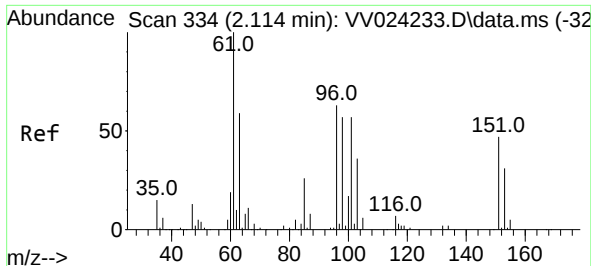
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.214 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV024238.D

Acq: 30 Dec 2021 12:45

Instrument :

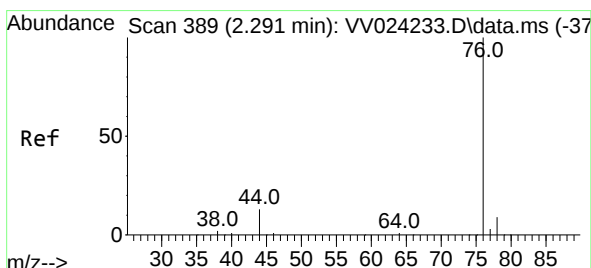
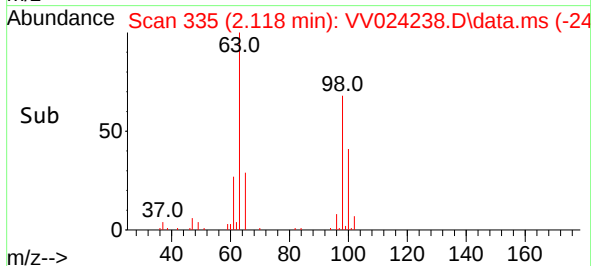
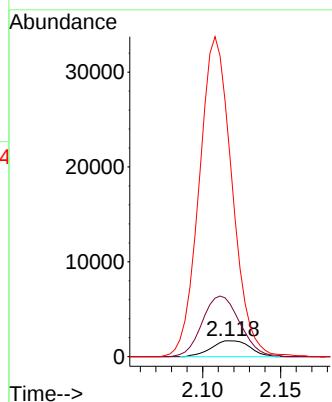
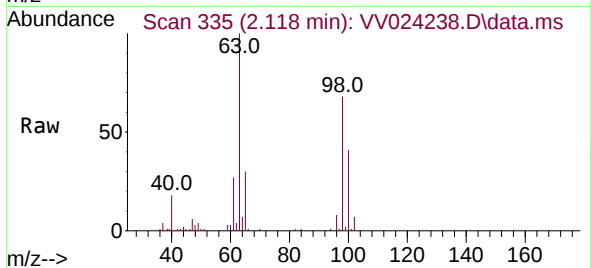
MSVOA\_V

ClientSampleId :

C0J08

Tgt Ion: 96 Resp: 2887

| Ion | Ratio  | Lower | Upper  |
|-----|--------|-------|--------|
| 96  | 100    |       |        |
| 61  | 331.0  | 116.1 | 215.5# |
| 63  | 1244.8 | 79.4  | 147.4# |



#14

Carbon disulfide

Concen: 0.086 ug/L

RT: 2.298 min Scan# 391

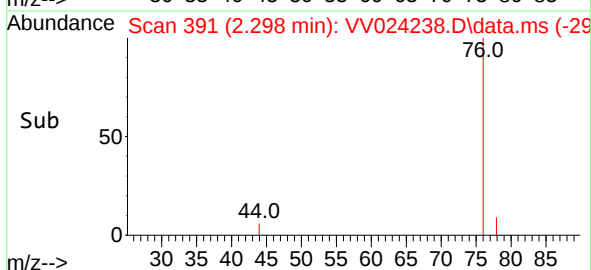
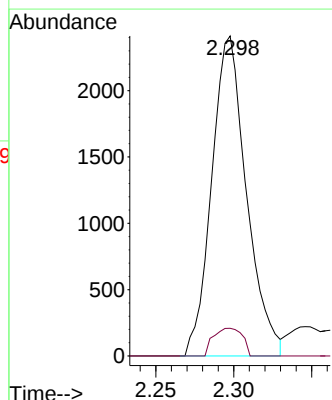
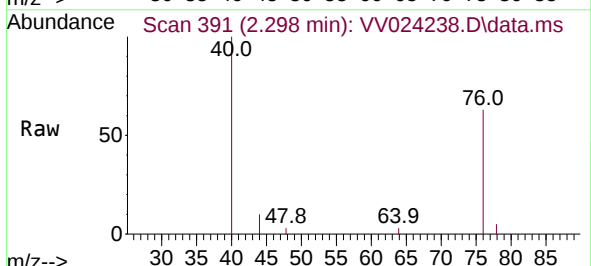
Delta R.T. 0.007 min

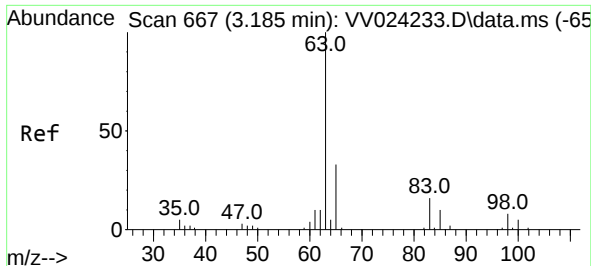
Lab File: VV024238.D

Acq: 30 Dec 2021 12:45

Tgt Ion: 76 Resp: 3747

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 78  | 8.7   | 7.5   | 11.3  |





#19

1,1-Dichloroethane

Concen: 0.117 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV024238.D

Acq: 30 Dec 2021 12:45

Instrument :

MSVOA\_V

ClientSampleId :

C0J08

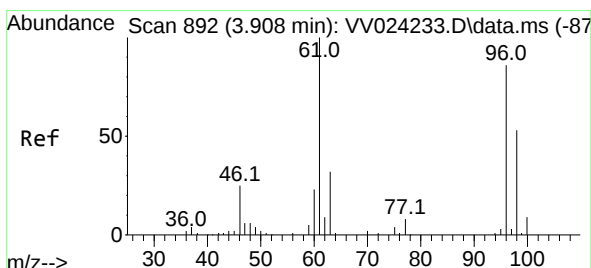
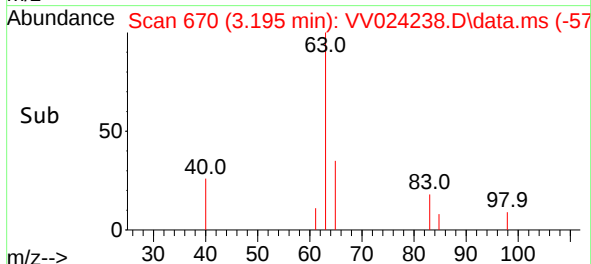
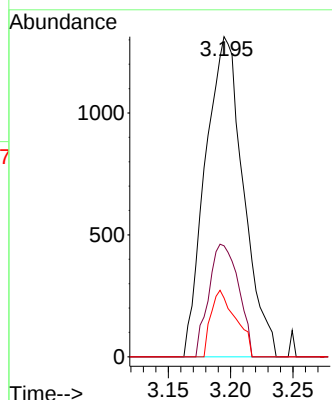
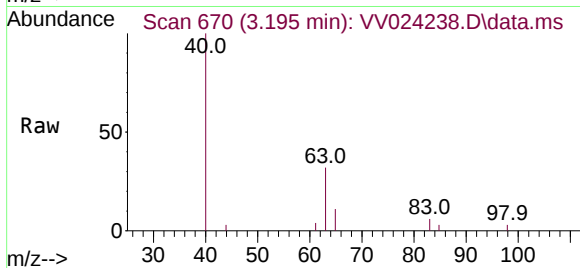
Tgt Ion: 63 Resp: 2785

Ion Ratio Lower Upper

63 100

65 34.7 22.3 41.3

83 18.4 10.7 19.9



#22

cis-1,2-Dichloroethene

Concen: 0.182 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV024238.D

Acq: 30 Dec 2021 12:45

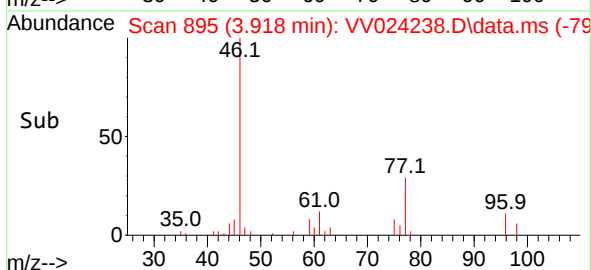
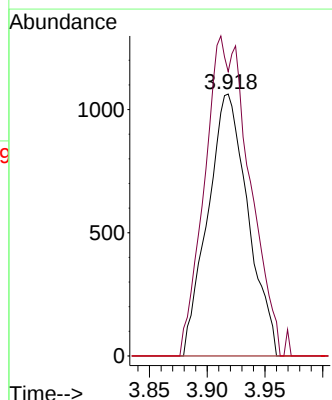
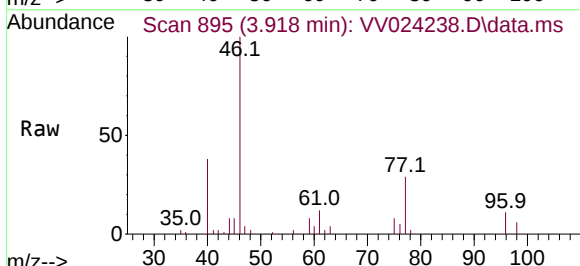
Tgt Ion: 96 Resp: 2579

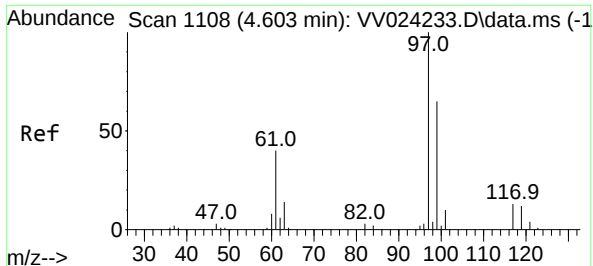
Ion Ratio Lower Upper

96 100

61 108.6 83.4 154.8

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.127 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.010 min

Lab File: VV024238.D

Acq: 30 Dec 2021 12:45

Instrument :

MSVOA\_V

ClientSampleId :

C0J08

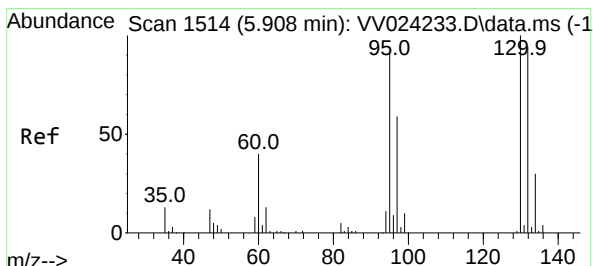
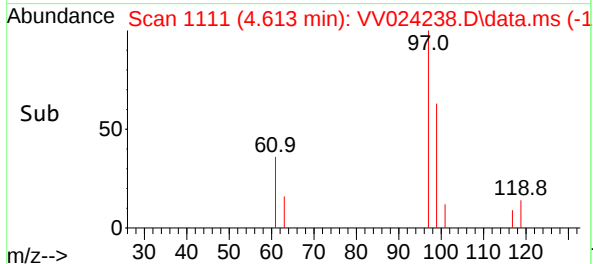
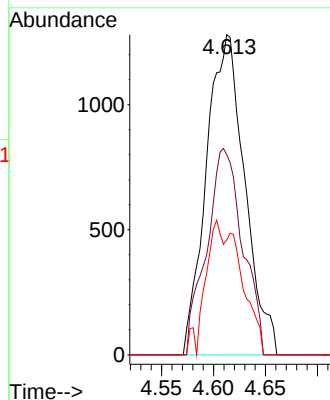
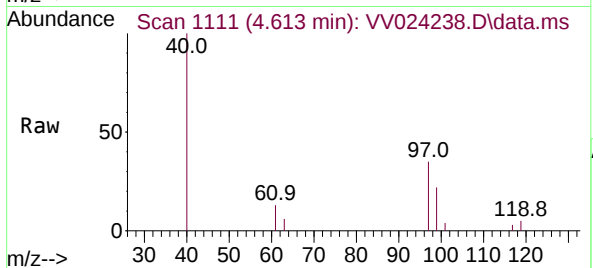
Tgt Ion: 97 Resp: 3288

Ion Ratio Lower Upper

97 100

99 60.6 51.9 77.9

61 19.6 33.2 49.8#



#34

Trichloroethene

Concen: 0.972 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV024238.D

Acq: 30 Dec 2021 12:45

Tgt Ion: 95 Resp: 14738

Ion Ratio Lower Upper

95 100

97 67.8 45.2 84.0

132 109.3 76.1 141.3

130 113.6 75.4 140.0

