

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012822\  
 Data File : VV024490.D  
 Acq On : 28 Jan 2022 16:47  
 Operator : SY/MD  
 Sample : VV0128WBL03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK300

Quant Time: Jan 29 03:51:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jan 29 03:50:16 2022  
 Response via : Initial Calibration

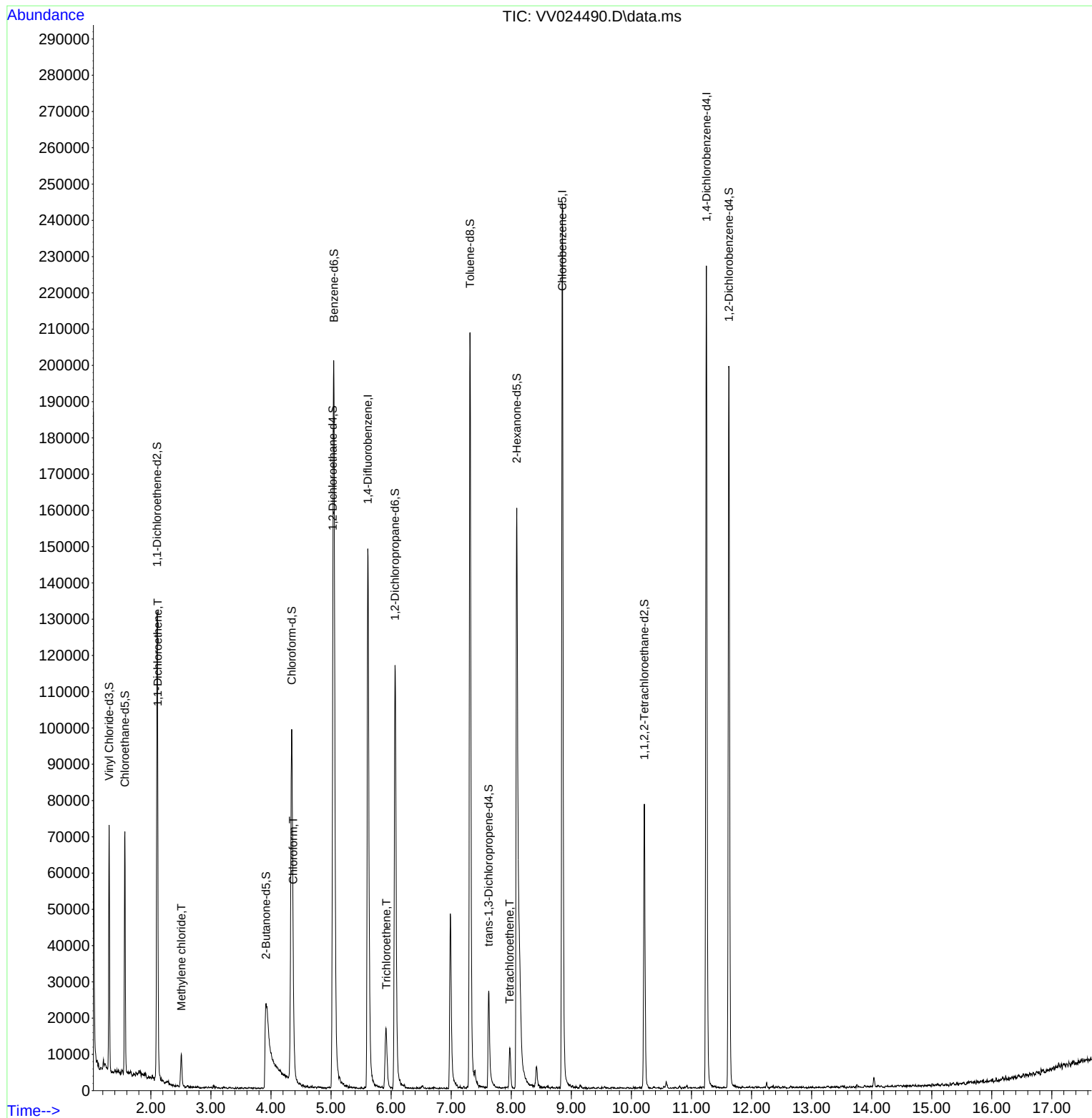
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114   | 129907   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 137221   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 62047    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 42186    | 3.707    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 74.200%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 41850    | 4.215    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 84.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 67919    | 3.122    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 62.400%  |
| 20) 2-Butanone-d5             | 3.918  | 46    | 57729    | 31.826   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 63.660%  |
| 24) Chloroform-d              | 4.346  | 84    | 103763   | 4.805    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 48173    | 4.925    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.600%  |
| 32) Benzene-d6                | 5.047  | 84    | 181867   | 4.438    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 61453    | 4.762    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.200%  |
| 41) Toluene-d8                | 7.313  | 98    | 142188   | 3.781    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 75.600%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 18232    | 4.114    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.200%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 70594    | 46.589   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 37985    | 4.945    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 54673    | 5.139    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.800% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 1560     | 0.160    | ug/L   | # 1      |
| 16) Methylene chloride        | 2.510  | 84    | 3510     | 0.351    | ug/L   | 97       |
| 25) Chloroform                | 4.368  | 83    | 4179     | 0.211    | ug/L   | 95       |
| 34) Trichloroethene           | 5.921  | 95    | 4734     | 0.456    | ug/L   | 93       |
| 47) Tetrachloroethene         | 7.976  | 164   | 2727     | 0.333    | ug/L   | 91       |
| -----                         |        |       |          |          |        |          |

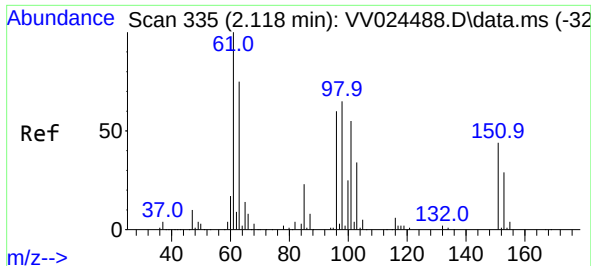
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 29 03:50:16 2022  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.160 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024490.D

Acq: 28 Jan 2022 16:47

Instrument :

MSVOA\_V

ClientSampleId :

VBLK300

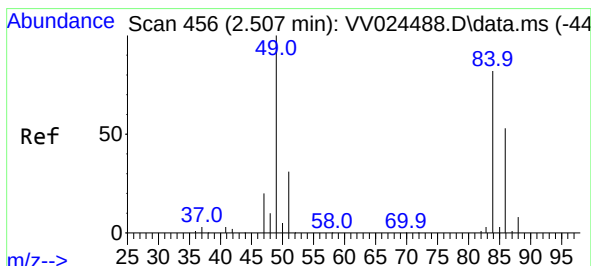
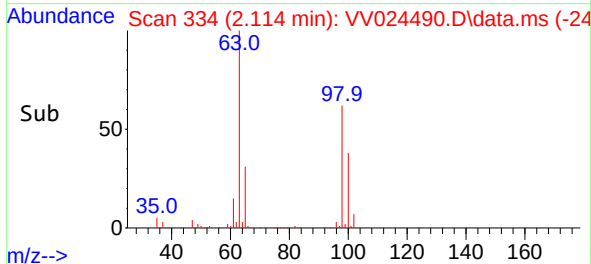
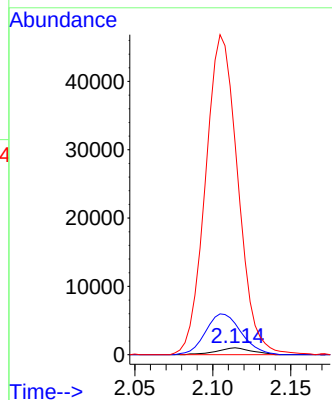
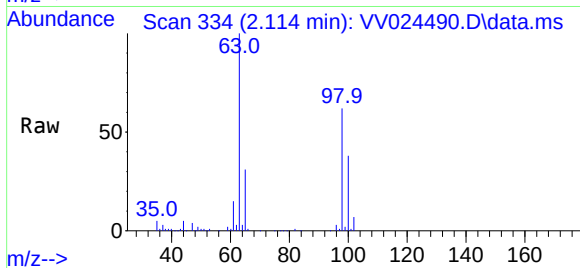
Tgt Ion: 96 Resp: 1560

Ion Ratio Lower Upper

96 100

61 453.1 116.1 215.5#

63 3079.2 79.4 147.4#



#16

Methylene chloride

Concen: 0.351 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV024490.D

Acq: 28 Jan 2022 16:47

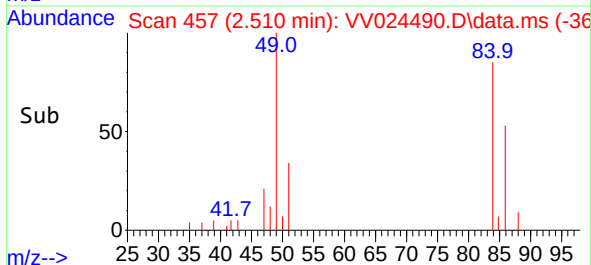
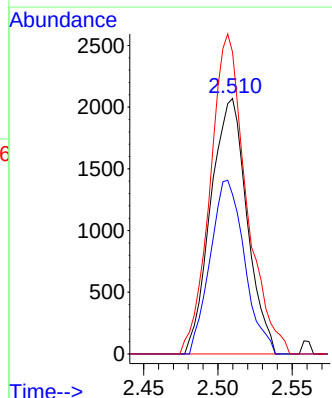
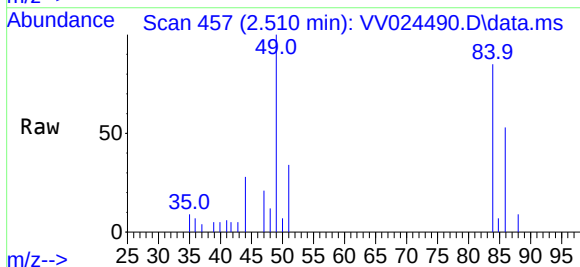
Tgt Ion: 84 Resp: 3510

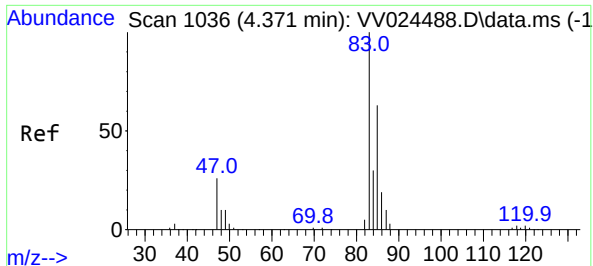
Ion Ratio Lower Upper

84 100

86 62.4 42.6 79.0

49 118.2 79.7 147.9





#25

Chloroform

Concen: 0.211 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV024490.D

Acq: 28 Jan 2022 16:47

Instrument :

MSVOA\_V

ClientSampleId :

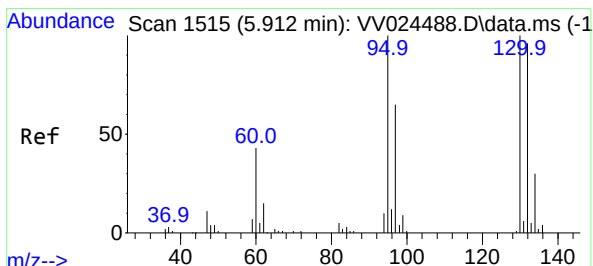
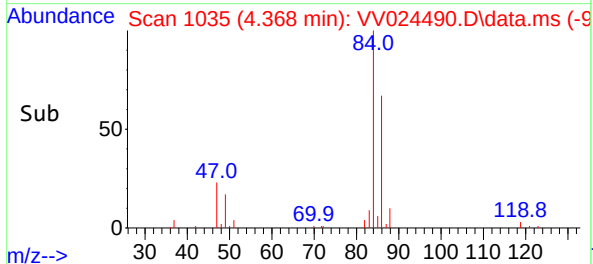
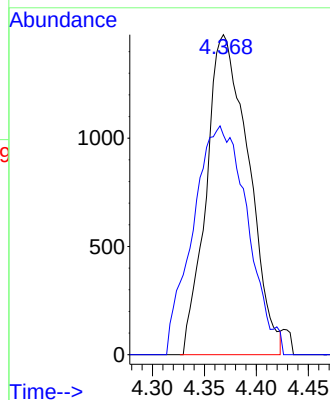
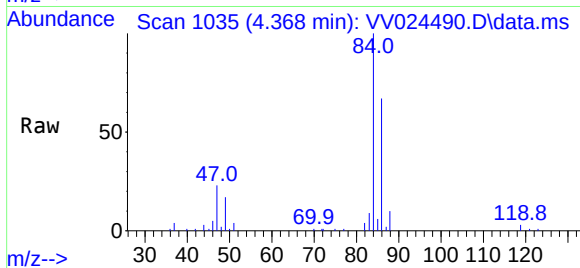
VBLK300

Tgt Ion: 83 Resp: 4179

Ion Ratio Lower Upper

83 100

85 68.7 45.2 84.0



#34

Trichloroethene

Concen: 0.456 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV024490.D

Acq: 28 Jan 2022 16:47

Tgt Ion: 95 Resp: 4734

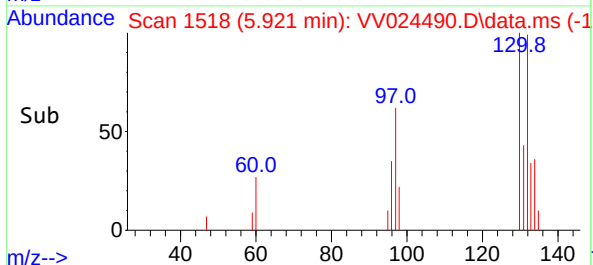
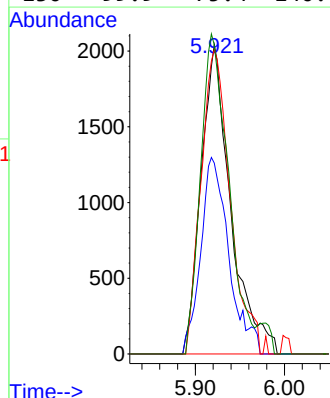
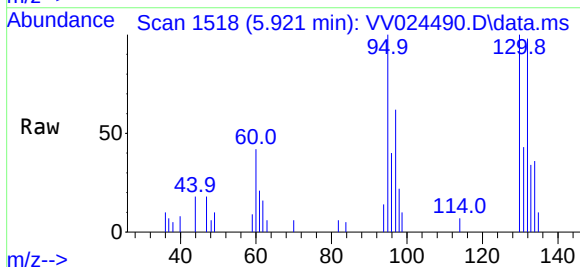
Ion Ratio Lower Upper

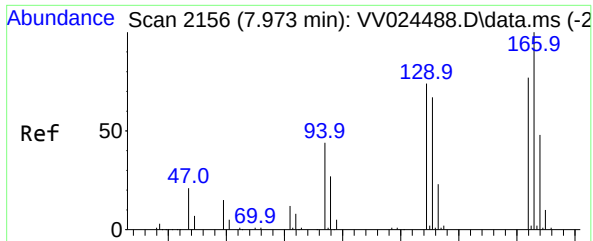
95 100

97 61.8 45.2 84.0

132 98.4 76.1 141.3

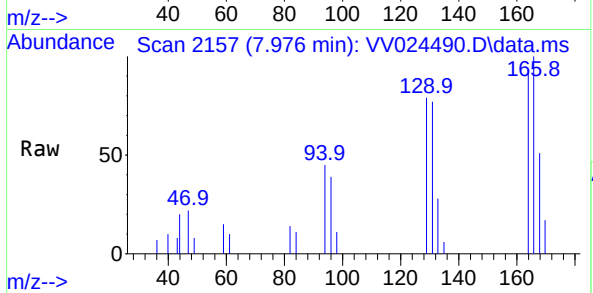
130 99.9 75.4 140.0





#47  
Tetrachloroethene  
Concen: 0.333 ug/L  
RT: 7.976 min Scan# 2156  
Delta R.T. 0.003 min  
Lab File: VV024490.D  
Acq: 28 Jan 2022 16:47

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK300



Tgt Ion:164 Resp: 2727

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 84.3  | 62.6  | 116.2 |
| 131 | 82.5  | 61.0  | 113.4 |
| 166 | 107.1 | 87.3  | 162.1 |

