

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101122\  
 Data File : VU051369.D  
 Acq On : 11 Oct 2022 13:56  
 Operator : JC/MD  
 Sample : VU1011WBL02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK113

Quant Time: Oct 11 23:37:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Oct 11 23:36:07 2022  
 Response via : Initial Calibration

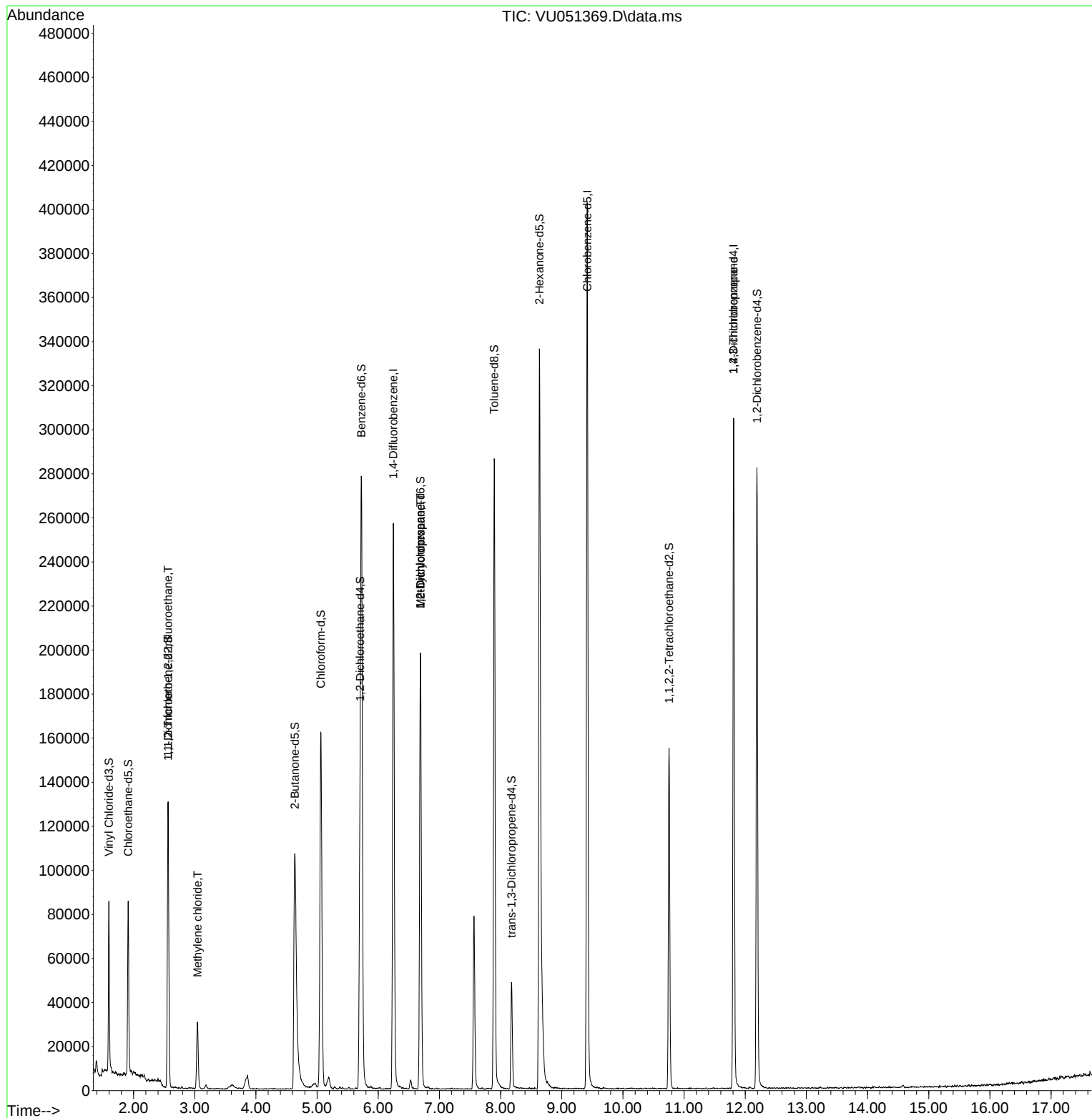
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114            | 202078   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 226237   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152            | 84452    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 56848    | 3.488  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 69.800%  |          |
| 7) Chloroethane-d5            | 1.912  | 69             | 55955    | 3.995  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 80.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.562  | 65             | 24461    | 3.796  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 76.000%  |          |
| 20) 2-Butanone-d5             | 4.636  | 46             | 184397   | 51.381 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 102.760% |          |
| 24) Chloroform-d              | 5.060  | 84             | 154072   | 5.070  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 101.400% |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65             | 77255    | 4.929  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.600%  |          |
| 32) Benzene-d6                | 5.726  | 84             | 264485   | 4.250  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 85.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67             | 99773    | 4.720  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.400%  |          |
| 41) Toluene-d8                | 7.896  | 98             | 197202   | 3.542  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 70.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79             | 27915    | 4.020  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 80.400%  |          |
| 46) 2-Hexanone-d5             | 8.636  | 63             | 93599    | 39.992 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 79.980%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84             | 77535    | 4.592  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 91.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152            | 73026    | 4.975  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 99.400%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565  | 101            | 728      | 0.046  | ug/L #   | 23       |
| 16) Methylene chloride        | 3.044  | 84             | 14281    | 0.656  | ug/L     | 97       |
| 35) Methylcyclohexane         | 6.690  | 83             | 22938    | 0.965  | ug/L #   | 17       |
| 37) 1,2-Dichloropropane       | 6.690  | 63             | 9985     | 0.482  | ug/L #   | 88       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75             | 10591    | 0.993  | ug/L #   | 69       |

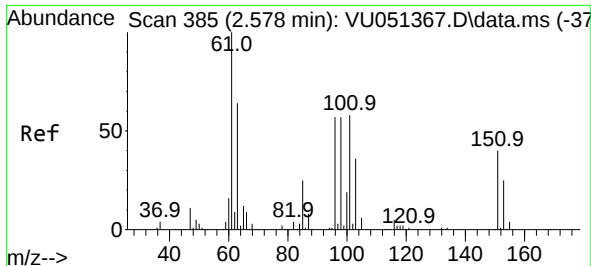
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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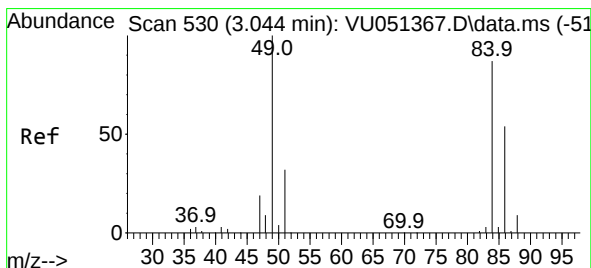
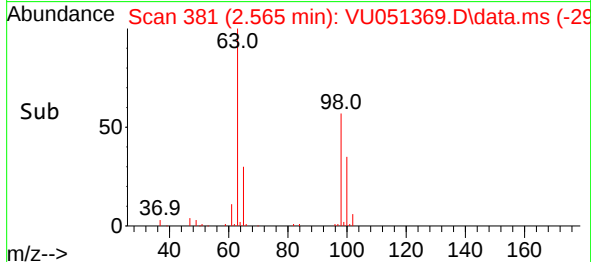
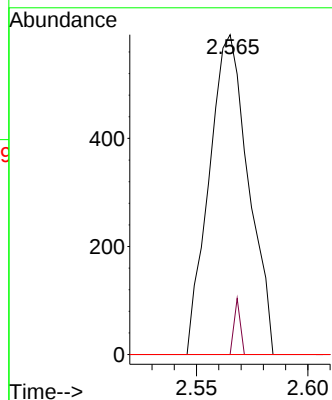
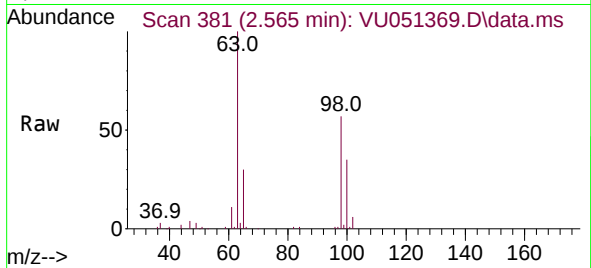




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.046 ug/L  
RT: 2.565 min Scan# 31  
Delta R.T. -0.013 min  
Lab File: VU051369.D  
Acq: 11 Oct 2022 13:56

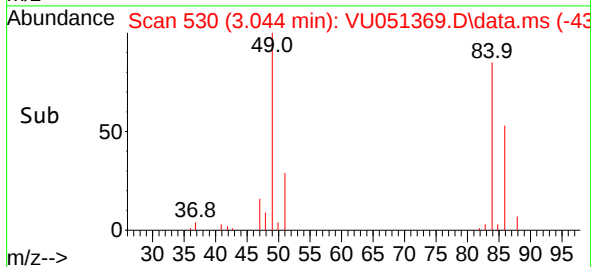
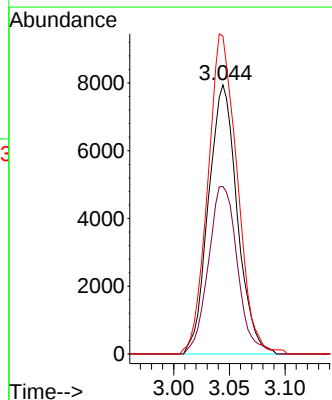
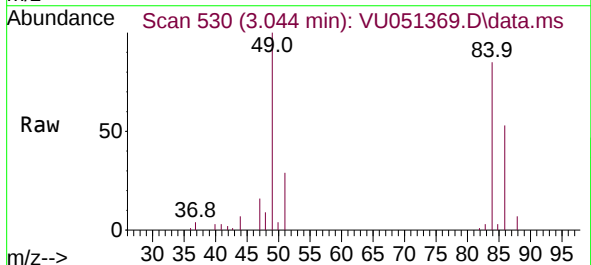
Instrument :  
MSVOA\_U  
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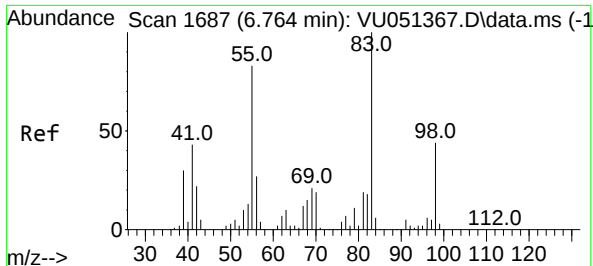
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 728   |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 2.7   | 34.6  | 51.8# |
| 151      | 0.0   | 56.5  | 84.7# |



#16  
Methylene chloride  
Concen: 0.656 ug/L  
RT: 3.044 min Scan# 530  
Delta R.T. 0.000 min  
Lab File: VU051369.D  
Acq: 11 Oct 2022 13:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 14281 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 62.3  | 46.5  | 86.3  |
| 49       | 118.1 | 81.3  | 151.1 |





#35

Methylcyclohexane

Concen: 0.965 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU051369.D

Acq: 11 Oct 2022 13:56

Instrument :

MSVOA\_U

ClientSampleId :

VBLK113

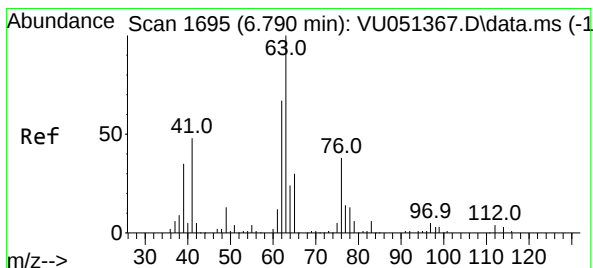
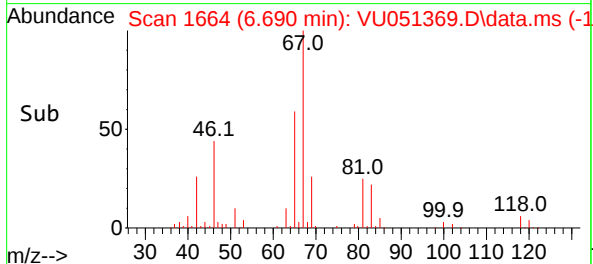
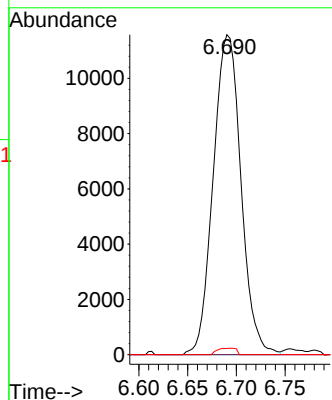
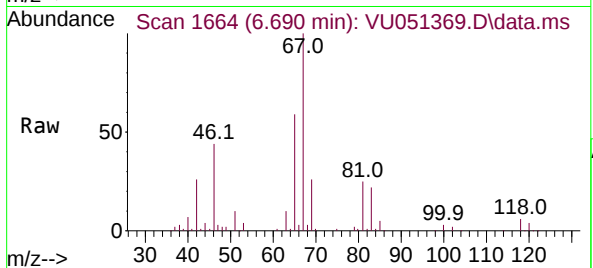
Tgt Ion: 83 Resp: 22938

Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.6#

98 1.4 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.482 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051369.D

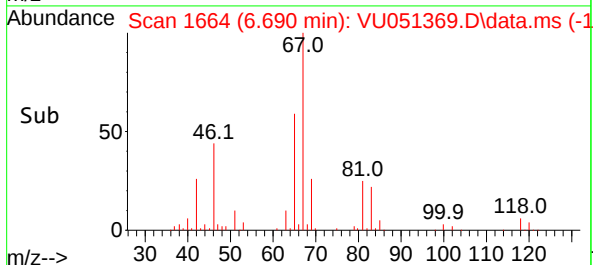
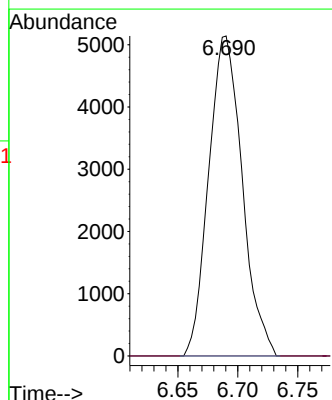
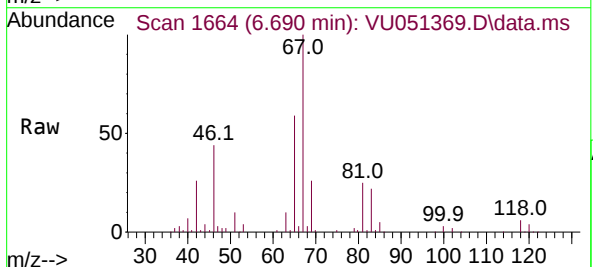
Acq: 11 Oct 2022 13:56

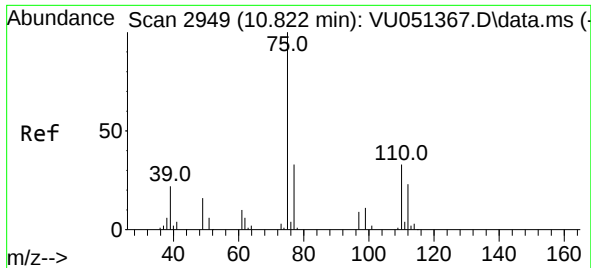
Tgt Ion: 63 Resp: 9985

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 0.993 ug/L  
 RT: 11.809 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU051369.D  
 Acq: 11 Oct 2022 13:56

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK113

Tgt Ion: 75 Resp: 10591  
 Ion Ratio Lower Upper  
 75 100  
 110 0.4 27.0 40.6#  
 77 31.4 26.4 39.6

