

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111922\  
 Data File : VU051911.D  
 Acq On : 18 Nov 2022 18:58  
 Operator : JC/MD  
 Sample : VU1119WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK137

Quant Time: Nov 18 22:30:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 18 22:29:23 2022  
 Response via : Initial Calibration

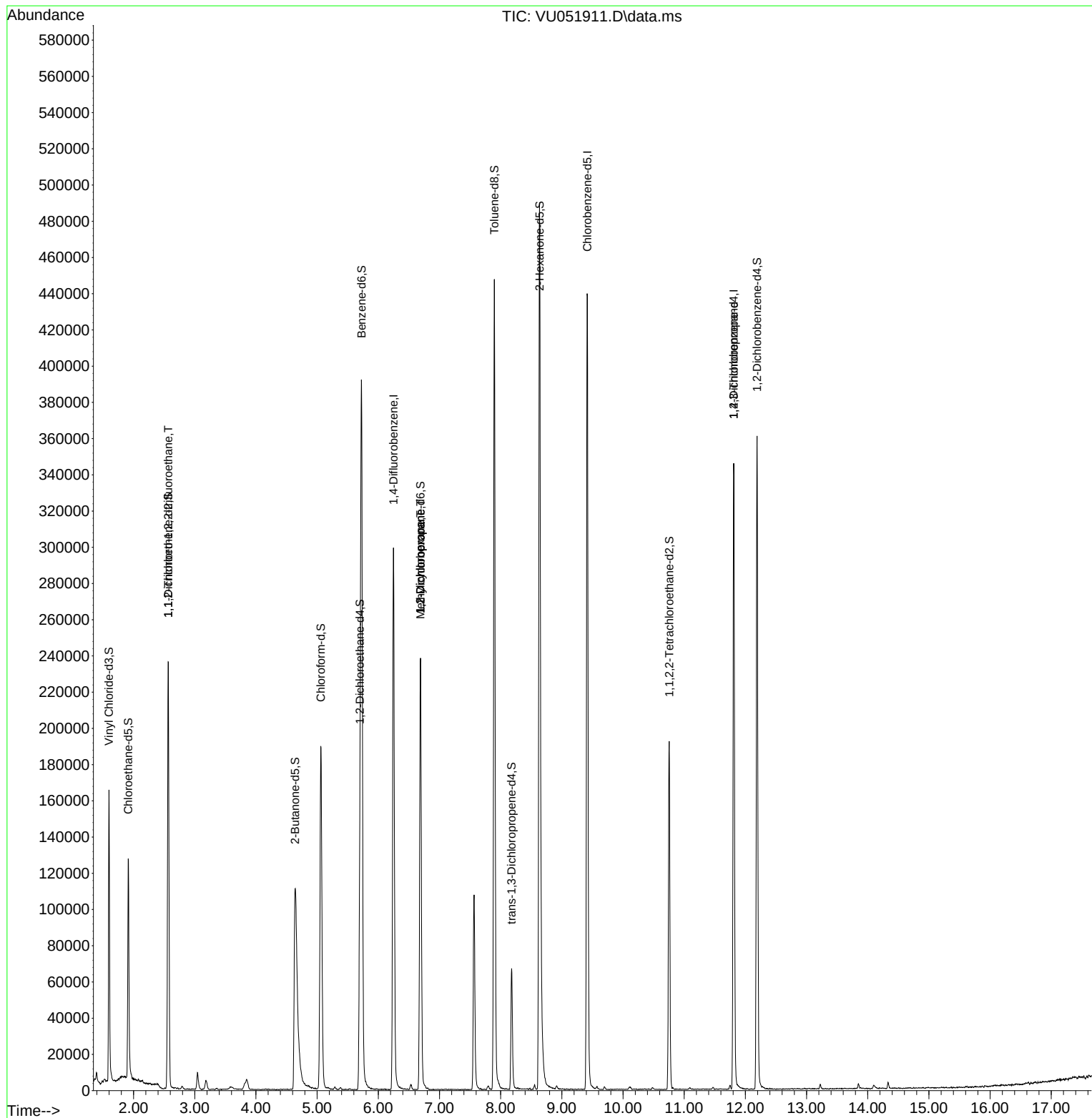
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 6.250     | 114            | 250618   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417     | 117            | 257068   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809    | 152            | 96967    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.597     | 65             | 124361   | 5.101      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 102.000% |        |          |
| 7) Chloroethane-d5            | 1.912     | 69             | 96527    | 5.098      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 102.000% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.568     | 65             | 43920    | 5.026      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 100.600% |        |          |
| 20) 2-Butanone-d5             | 4.639     | 46             | 234975   | 53.177     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 106.360% |        |          |
| 24) Chloroform-d              | 5.060     | 84             | 183380   | 5.120      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 102.400% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700     | 65             | 94850    | 5.243      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 104.800% |        |          |
| 32) Benzene-d6                | 5.726     | 84             | 383006   | 5.018      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 100.400% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690     | 67             | 122981   | 5.207      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 104.200% |        |          |
| 41) Toluene-d8                | 7.896     | 98             | 308009   | 4.461      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 89.200%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179     | 79             | 40173    | 4.668      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 93.400%  |        |          |
| 46) 2-Hexanone-d5             | 8.636     | 63             | 179212   | 49.133     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 98.260%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755    | 84             | 99262    | 4.847      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 97.000%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192    | 152            | 101225   | 5.452      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 109.000% |        |          |
| Target Compounds              |           |                |          |            |        |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568     | 101            | 1642     | 0.090      | ug/L # | 23       |
| 35) Methylcyclohexane         | 6.687     | 83             | 26738    | 0.891      | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.690     | 63             | 12293    | 0.568      | ug/L # | 89       |
| 61) 1,2,3-Trichloropropane    | 11.809    | 75             | 12122    | 1.092      | ug/L # | 68       |
| -----                         |           |                |          |            |        |          |

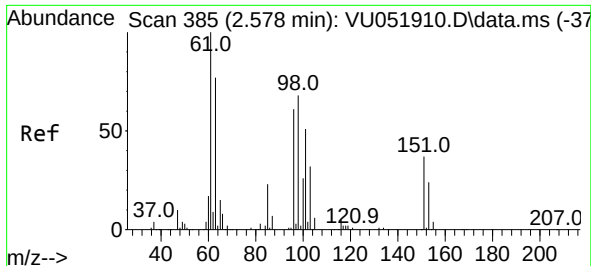
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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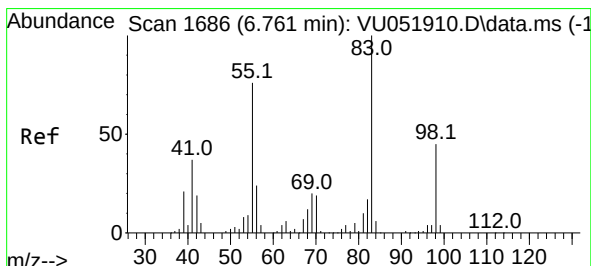
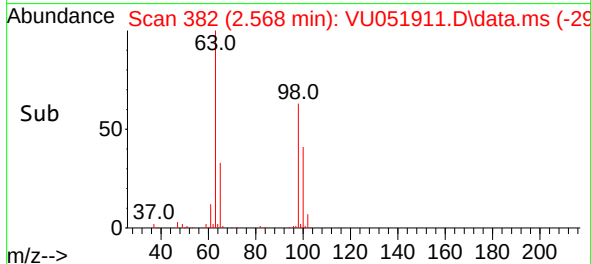
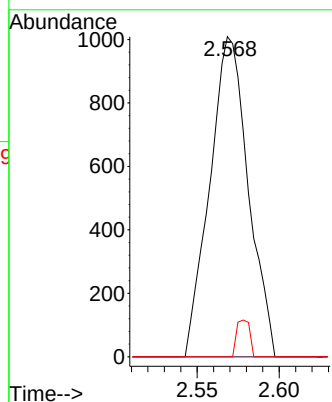
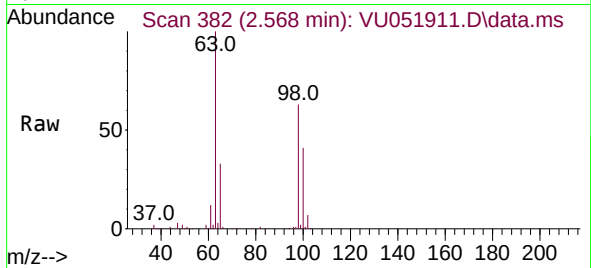




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.090 ug/L  
RT: 2.568 min Scan# 31  
Delta R.T. -0.010 min  
Lab File: VU051911.D  
Acq: 18 Nov 2022 18:58

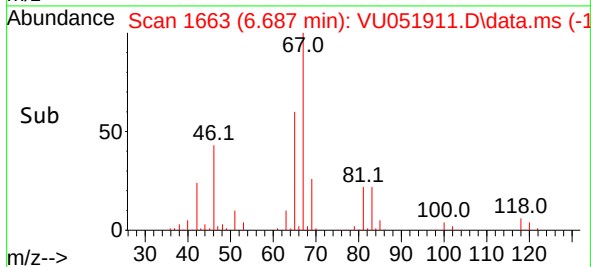
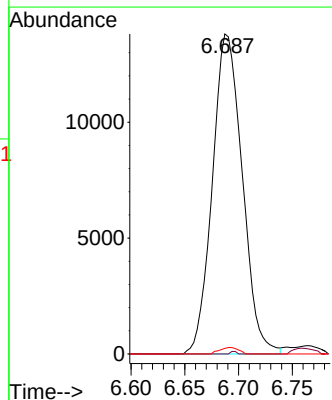
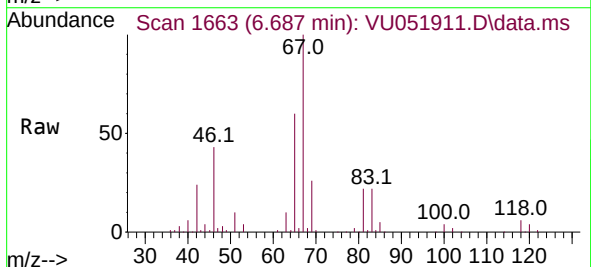
Instrument :  
MSVOA\_U  
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VBLK137

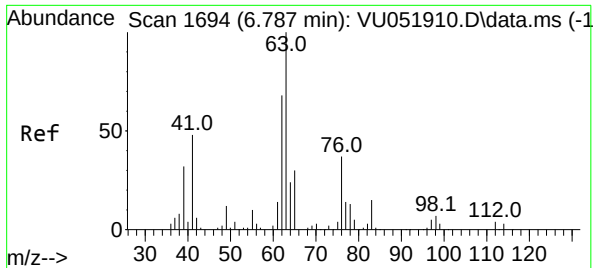
Tgt Ion:101 Resp: 1642  
Ion Ratio Lower Upper  
101 100  
85 0.0 33.8 50.6#  
151 3.9 58.6 88.0#



#35  
Methylcyclohexane  
Concen: 0.891 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.074 min  
Lab File: VU051911.D  
Acq: 18 Nov 2022 18:58

Tgt Ion: 83 Resp: 26738  
Ion Ratio Lower Upper  
83 100  
55 0.2 60.8 91.2#  
98 1.3 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.568 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU051911.D

Acq: 18 Nov 2022 18:58

Instrument :

MSVOA\_U

ClientSampleId :

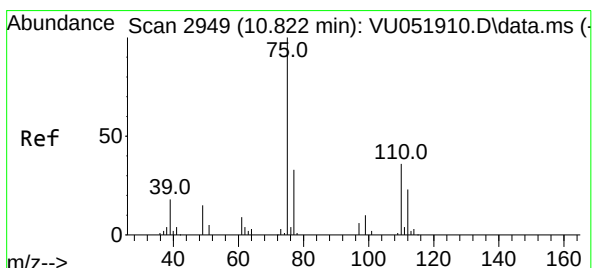
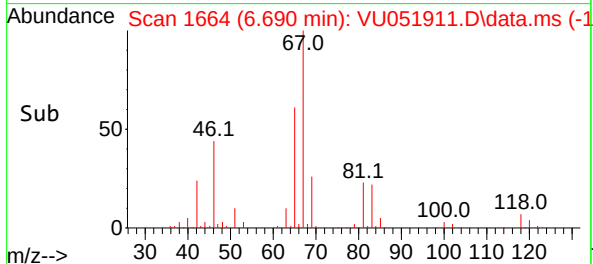
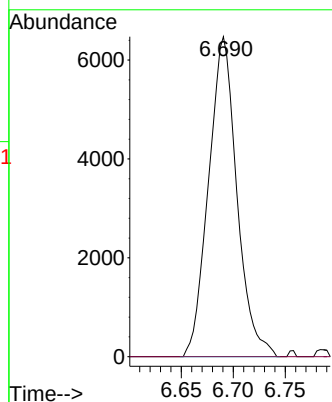
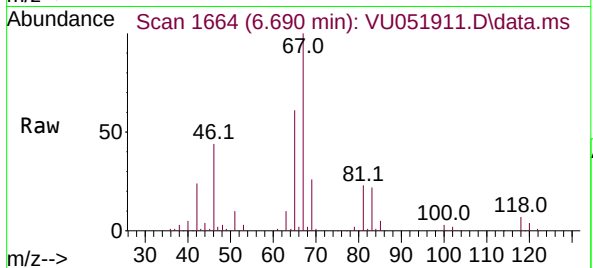
VBLK137

Tgt Ion: 63 Resp: 12293

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.092 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051911.D

Acq: 18 Nov 2022 18:58

Tgt Ion: 75 Resp: 12122

Ion Ratio Lower Upper

75 100

110 1.6 28.3 42.5#

77 30.4 26.2 39.2

