

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111723\  
 Data File : VU056439.D  
 Acq On : 17 Nov 2023 14:01  
 Operator : MD/SY  
 Sample : 05389-12  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 17 23:20:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 17 23:14:39 2023  
 Response via : Initial Calibration

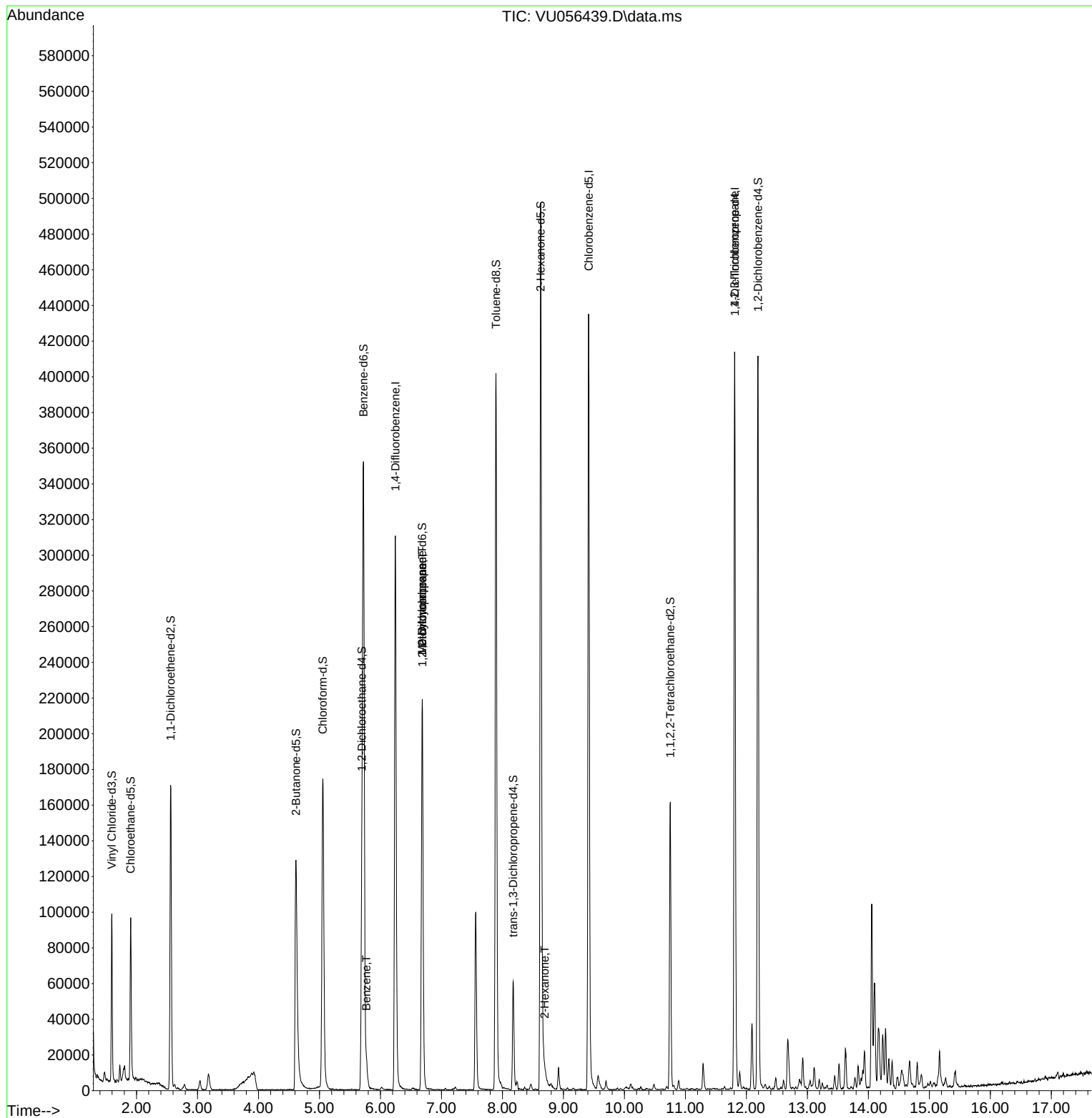
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 249992   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 251973   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152            | 110807   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 66698    | 3.567  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 71.400%  |          |
| 7) Chloroethane-d5            | 1.904  | 69             | 68554    | 4.782  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 95.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65             | 32352    | 3.920  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 78.400%  |          |
| 20) 2-Butanone-d5             | 4.615  | 46             | 192359   | 51.591 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 103.180% |          |
| 24) Chloroform-d              | 5.055  | 84             | 168598   | 4.662  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 89529    | 5.357  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 107.200% |          |
| 32) Benzene-d6                | 5.721  | 84             | 341761   | 4.552  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 108265   | 4.785  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 95.600%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 275094   | 4.150  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 83.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 36904    | 4.253  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 85.000%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 166209   | 48.740 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 97.480%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 80130    | 4.956  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 99.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 105639   | 5.161  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 103.200% |          |
| Target Compounds              |        |                |          |        |          |          |
| 33) Benzene                   | 5.769  | 78             | 12011    | 0.167  | ug/L     | 100      |
| 35) Methylcyclohexane         | 6.685  | 83             | 24960    | 0.883  | ug/L #   | 18       |
| 37) 1,2-Dichloropropane       | 6.689  | 63             | 11657    | 0.622  | ug/L #   | 88       |
| 48) 2-Hexanone                | 8.692  | 43             | 7926     | 1.095  | ug/L #   | 58       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 13348    | 1.404  | ug/L #   | 68       |

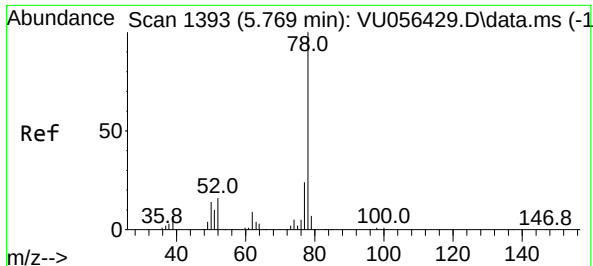
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111723\  
Data File : VU056439.D  
Acq On : 17 Nov 2023 14:01  
Operator : MD/SY  
Sample : 05389-12  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Nov 17 23:20:53 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Nov 17 23:14:39 2023  
Response via : Initial Calibration

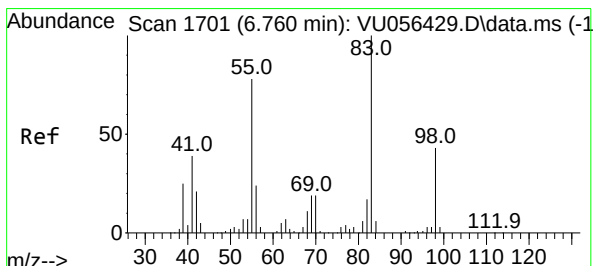
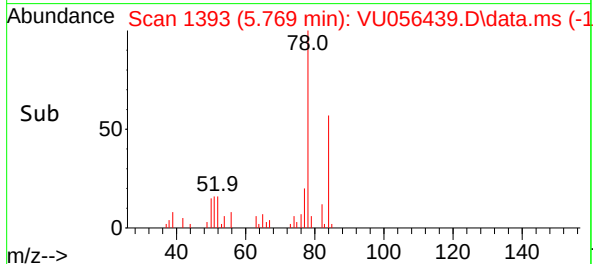
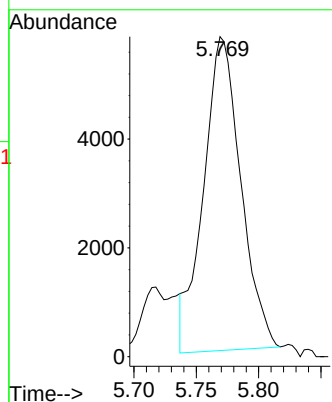
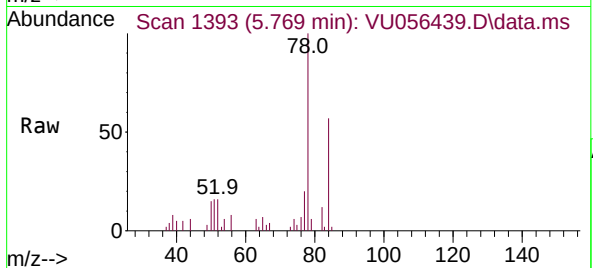




#33  
Benzene  
Concen: 0.167 ug/L  
RT: 5.769 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU056439.D  
Acq: 17 Nov 2023 14:01

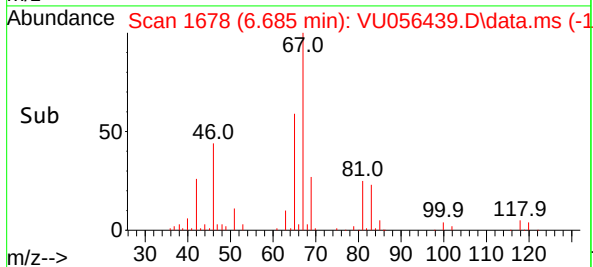
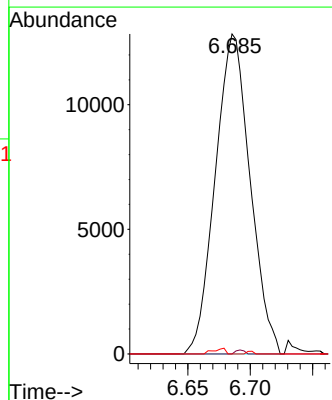
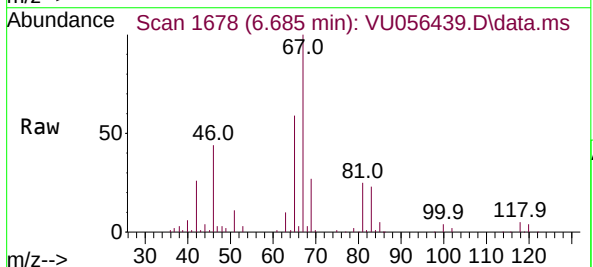
Instrument :  
MSVOA\_U  
ClientSampleId :

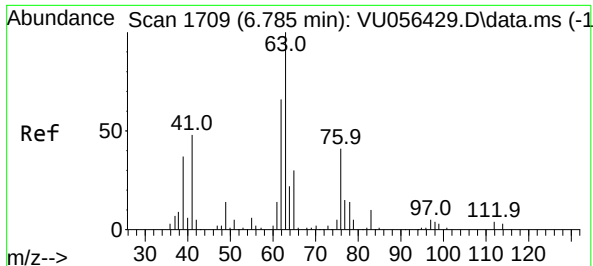
Tgt Ion: 78 Resp: 12011



#35  
Methylcyclohexane  
Concen: 0.883 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.074 min  
Lab File: VU056439.D  
Acq: 17 Nov 2023 14:01

Tgt Ion: 83 Resp: 24960  
Ion Ratio Lower Upper  
83 100  
55 0.3 62.9 94.3#  
98 0.6 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU056439.D

Acq: 17 Nov 2023 14:01

Instrument :

MSVOA\_U

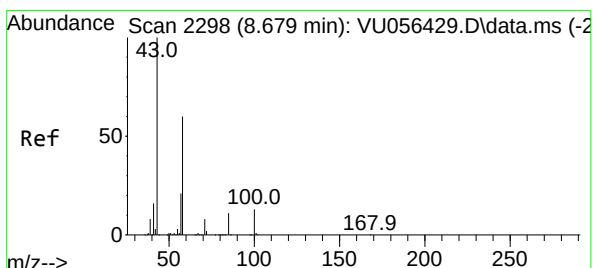
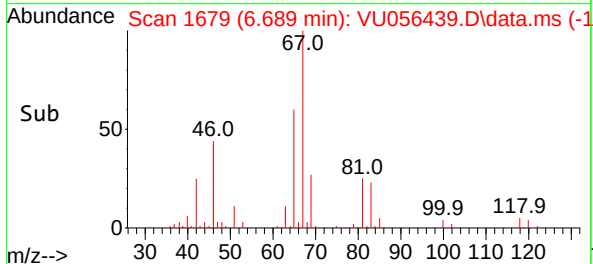
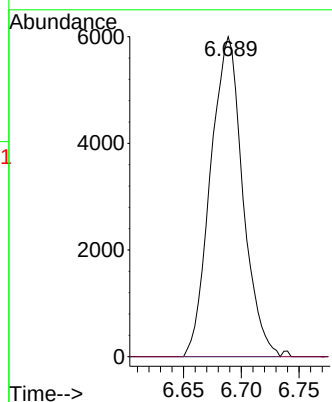
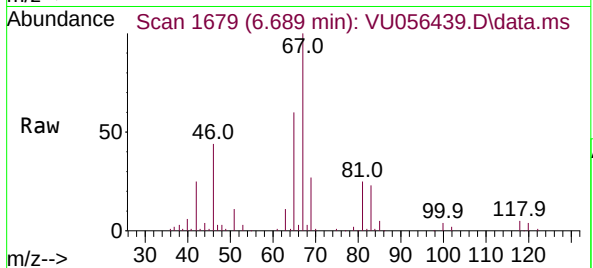
ClientSampleId :

Tgt Ion: 63 Resp: 11657

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#48

2-Hexanone

Concen: 1.095 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.013 min

Lab File: VU056439.D

Acq: 17 Nov 2023 14:01

Tgt Ion: 43 Resp: 7926

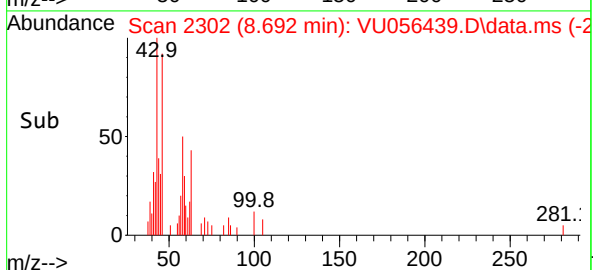
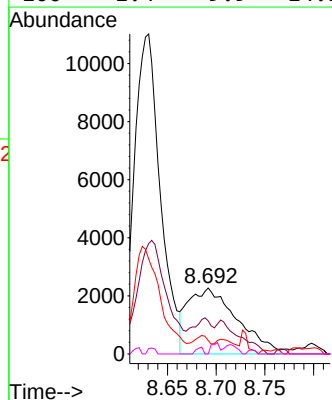
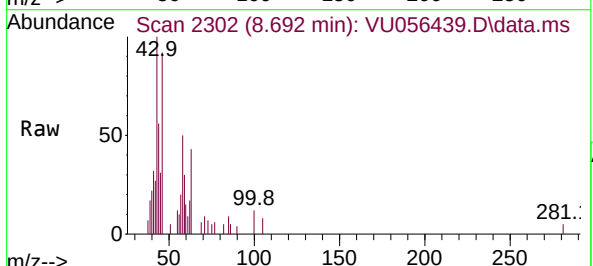
Ion Ratio Lower Upper

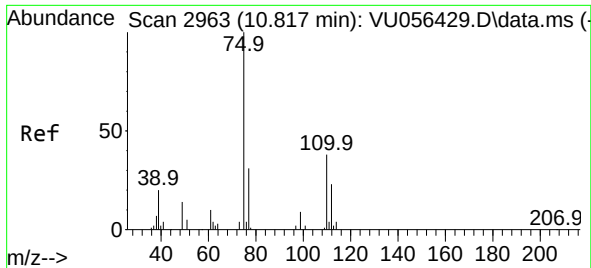
43 100

58 22.4 48.7 73.1#

57 8.6 16.8 25.2#

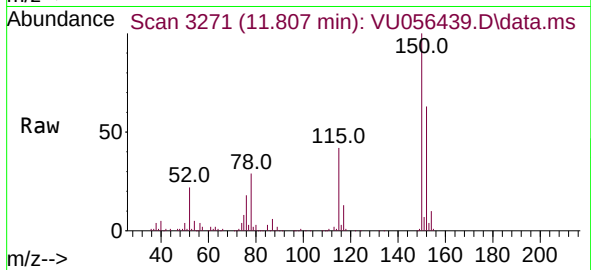
100 1.4 9.9 14.9#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.404 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU056439.D  
 Acq: 17 Nov 2023 14:01

Instrument :  
 MSVOA\_U  
 ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 3.3   | 30.4  | 45.6# |
| 77      | 36.1  | 27.0  | 40.6  |

