

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092523\  
 Data File : VU055487.D  
 Acq On : 25 Sep 2023 11:55  
 Operator : MD/SY  
 Sample : 04562-10  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 26 01:21:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Sep 25 01:08:17 2023  
 Response via : Initial Calibration

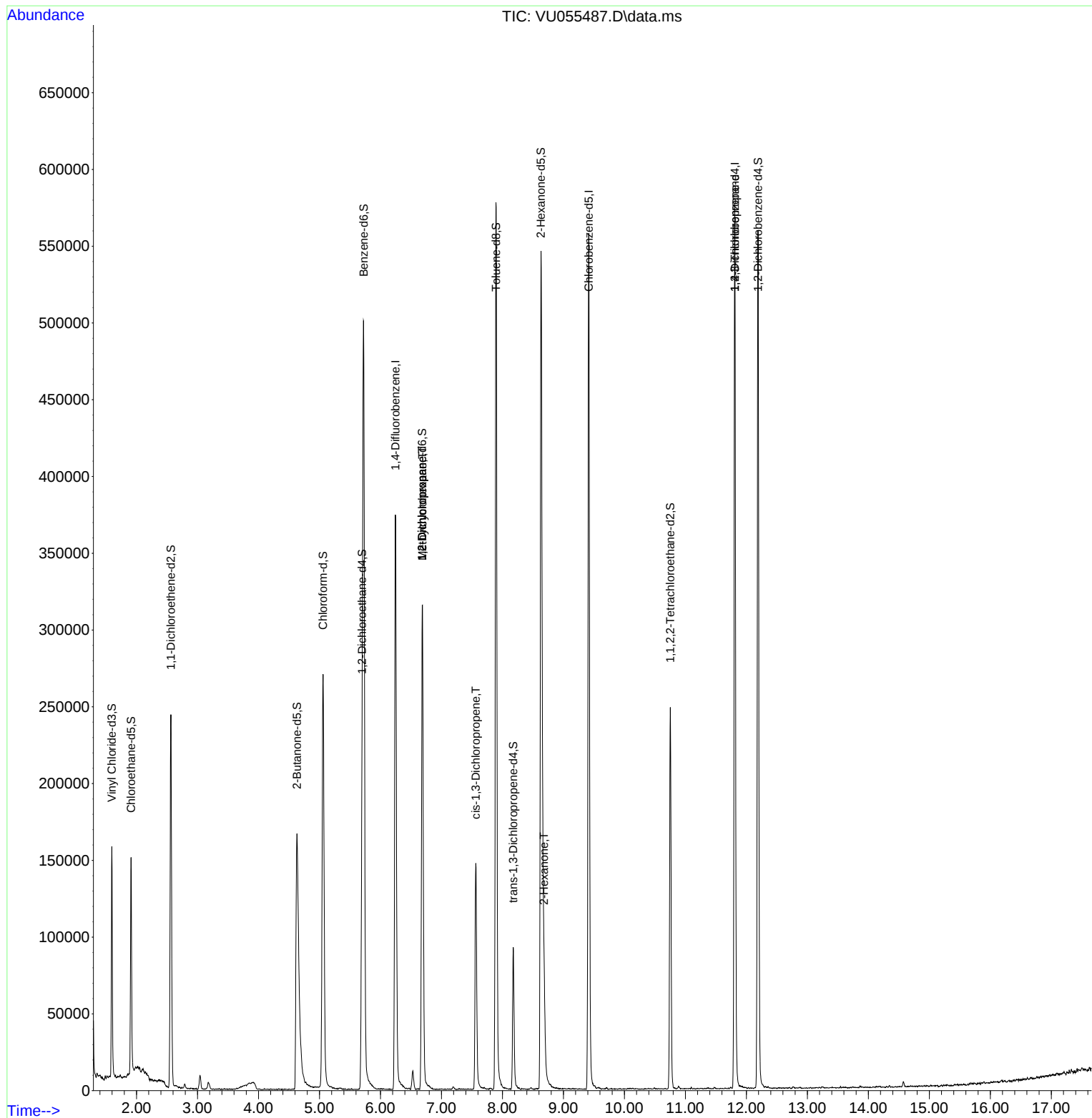
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 315238   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 319196   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152            | 157439   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65             | 105608   | 3.315  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 66.200%  |          |
| 7) Chloroethane-d5            | 1.911  | 69             | 100688   | 3.586  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 71.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 46410    | 3.539  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 70.800%  |          |
| 20) 2-Butanone-d5             | 4.631  | 46             | 320632   | 55.716 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 111.440% |          |
| 24) Chloroform-d              | 5.058  | 84             | 263827   | 4.578  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 131619   | 4.748  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 95.000%  |          |
| 32) Benzene-d6                | 5.724  | 84             | 489645   | 4.386  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 87.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 157170   | 4.712  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.200%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 405839   | 3.988  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 79.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 55633    | 4.752  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 95.000%  |          |
| 46) 2-Hexanone-d5             | 8.631  | 63             | 177591   | 49.874 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 99.740%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 126809   | 5.072  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 101.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 152254   | 4.791  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 95.800%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 35) Methylcyclohexane         | 6.689  | 83             | 38396    | 1.026  | ug/L #   | 20       |
| 37) 1,2-Dichloropropane       | 6.685  | 63             | 16662    | 0.693  | ug/L #   | 90       |
| 39) cis-1,3-Dichloropropene   | 7.563  | 75             | 4061     | 0.127  | ug/L     | 83       |
| 48) 2-Hexanone                | 8.682  | 43             | 38786    | 4.592  | ug/L #   | 85       |
| 61) 1,2,3-Trichloropropane    | 11.811 | 75             | 18509    | 1.506  | ug/L #   | 68       |

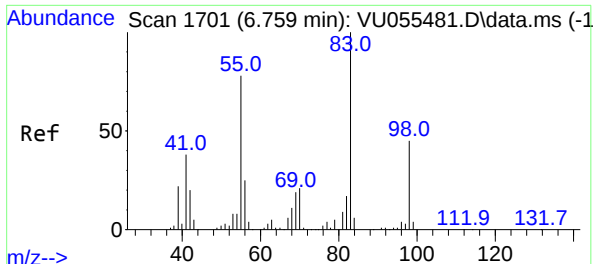
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 25 01:08:17 2023  
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#35

Methylcyclohexane

Concen: 1.026 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055487.D

Acq: 25 Sep 2023 11:55

Instrument :

MSVOA\_U

ClientSampleId :

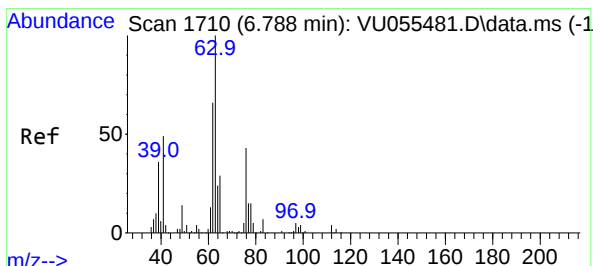
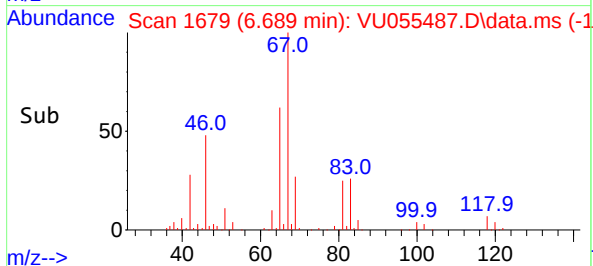
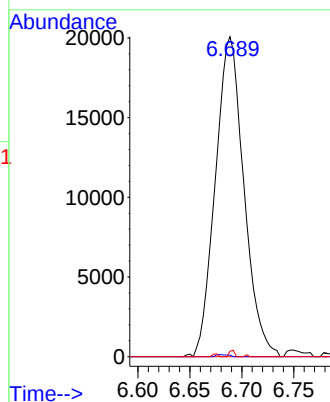
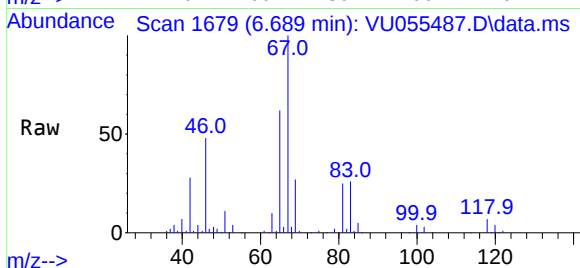
Tgt Ion: 83 Resp: 38396

Ion Ratio Lower Upper

83 100

55 0.0 59.1 88.7#

98 0.4 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.693 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.103 min

Lab File: VU055487.D

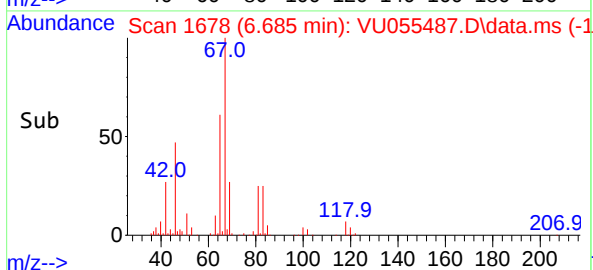
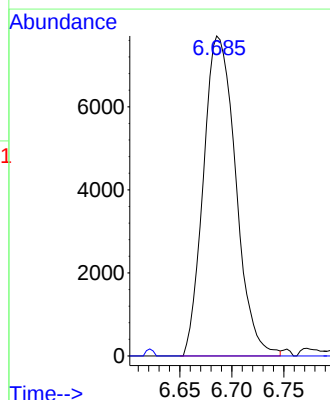
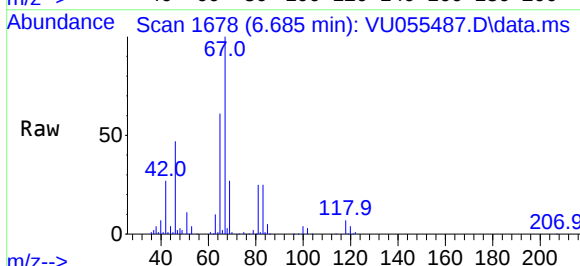
Acq: 25 Sep 2023 11:55

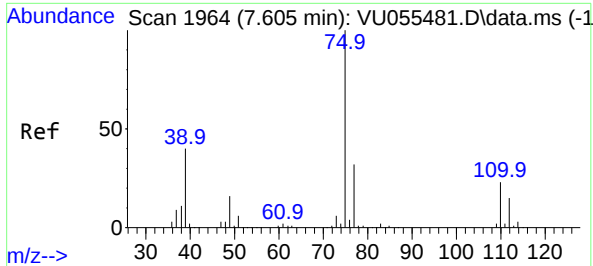
Tgt Ion: 63 Resp: 16662

Ion Ratio Lower Upper

63 100

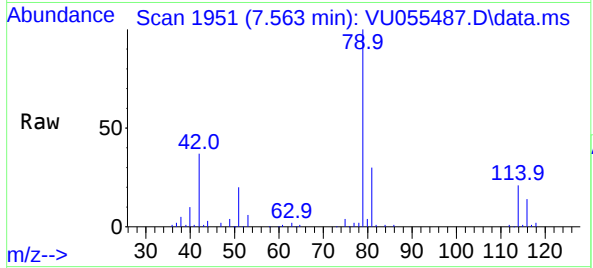
112 0.5 3.0 4.6#





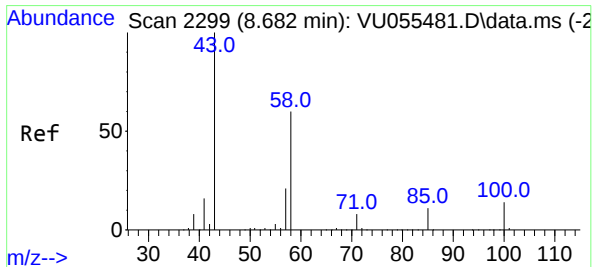
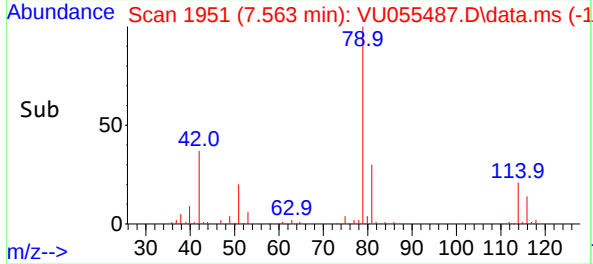
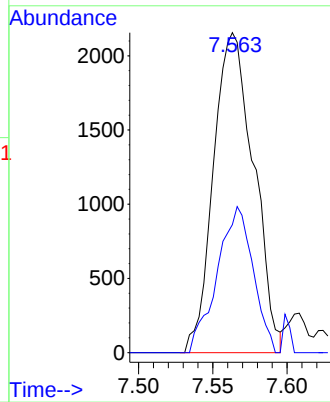
#39  
 cis-1,3-Dichloropropene  
 Concen: 0.127 ug/L  
 RT: 7.563 min Scan# 1964  
 Delta R.T. -0.042 min  
 Lab File: VU055487.D  
 Acq: 25 Sep 2023 11:55

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 4061

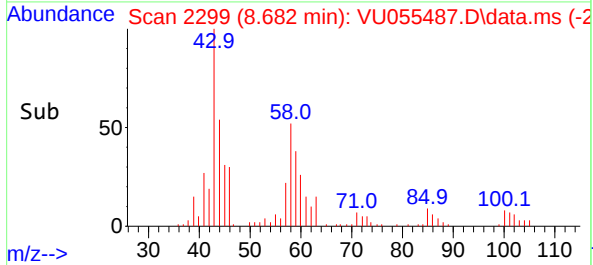
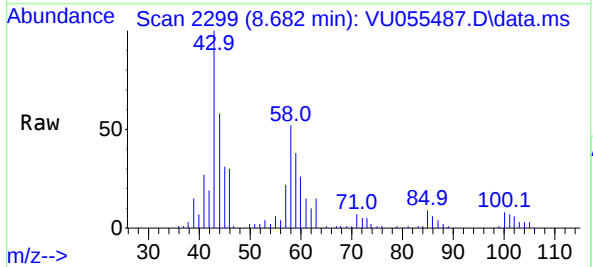
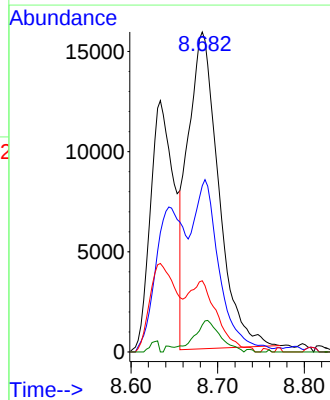
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 40.0  | 21.6  | 40.2  |

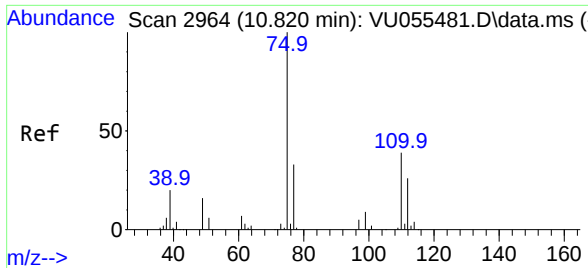


#48  
 2-Hexanone  
 Concen: 4.592 ug/L  
 RT: 8.682 min Scan# 2299  
 Delta R.T. -0.003 min  
 Lab File: VU055487.D  
 Acq: 25 Sep 2023 11:55

Tgt Ion: 43 Resp: 38786

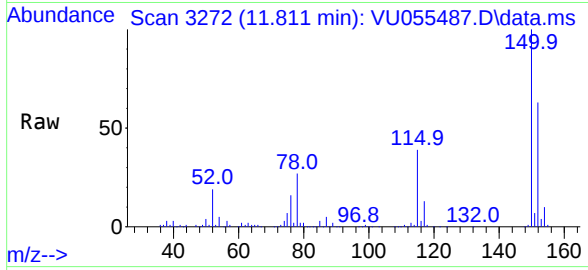
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 44.8  | 48.5  | 72.7# |
| 57  | 20.2  | 17.0  | 25.4  |
| 100 | 8.5   | 10.3  | 15.5# |





#61  
1,2,3-Trichloropropane  
Concen: 1.506 ug/L  
RT: 11.811 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU055487.D  
Acq: 25 Sep 2023 11:55

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 18509  
Ion Ratio Lower Upper  
75 100  
110 2.8 30.6 45.8#  
77 33.9 26.7 40.1

