

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072820\  
 Data File : VV017696.D  
 Acq On : 28 Jul 2020 11:28  
 Operator : SY/MD  
 Sample : L3395-21  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 29 05:18:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072320WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jul 29 05:17:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 183943   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 180637   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 87897    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 33186    | 3.78     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 75.60% |
| 7) Chloroethane-d5             | 1.58   | 69    | 28401    | 4.23     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 84.60% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 59789    | 3.04     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.80% |
| 20) 2-Butanone-d5              | 3.93   | 46    | 79151    | 37.67    | ug/L | -0.02  |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 75.34% |
| 24) Chloroform-d               | 4.38   | 84    | 90879    | 4.27     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.40% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 47001    | 4.29     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.80% |
| 32) Benzene-d6                 | 5.07   | 84    | 155412   | 3.90     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 78.00% |
| 36) 1,2-Dichloropropane-d6     | 6.09   | 67    | 43375    | 3.92     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 78.40% |
| 41) Toluene-d8                 | 7.34   | 98    | 142383   | 3.73     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.60% |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 18078    | 3.60     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 72.00% |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 47274    | 30.41    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 60.82% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 27812    | 3.61     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 72.20% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 60036    | 4.52     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.40% |

## Target Compounds

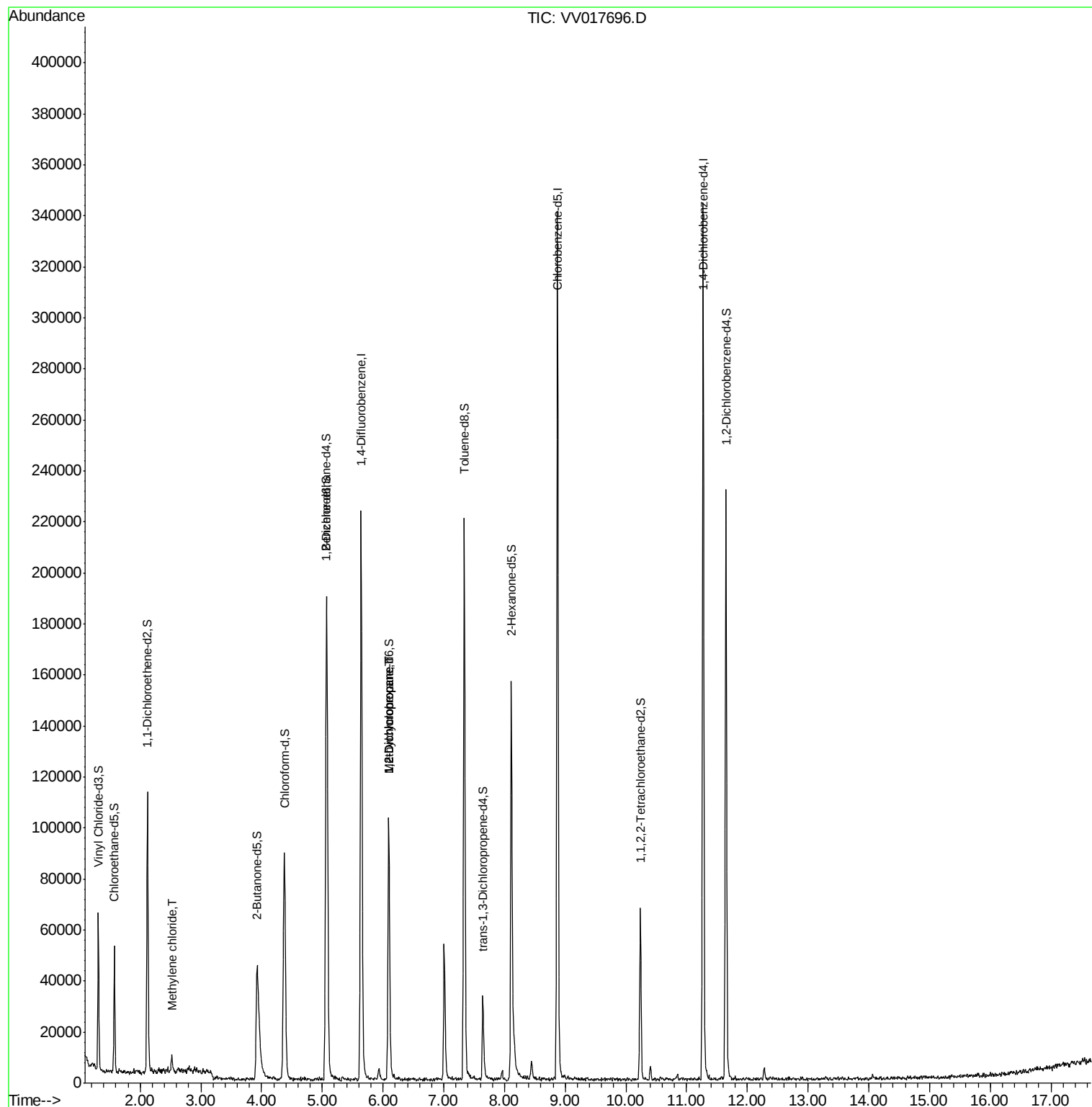
|                         |      |    |       |              | Ovalue |
|-------------------------|------|----|-------|--------------|--------|
| 16) Methylene chloride  | 2.52 | 84 | 2074  | 0.188 ug/L   | 93     |
| 35) Methylcyclohexane   | 6.10 | 83 | 12332 | 0.571 ug/L # | 19     |
| 37) 1,2-Dichloropropane | 6.09 | 63 | 6133  | 0.510 ug/L # | 85     |

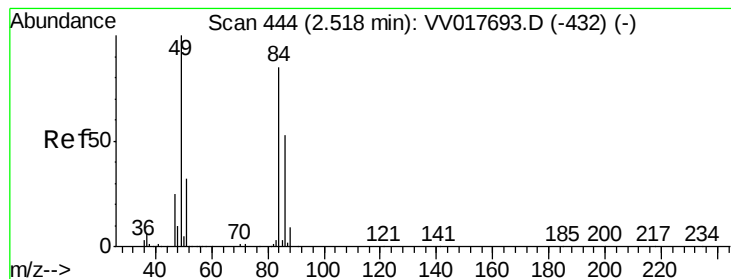
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.188 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV017696.D

Acq: 28 Jul 2020 11:28

Instrument :

MSVOA\_V

ClientSampleId :

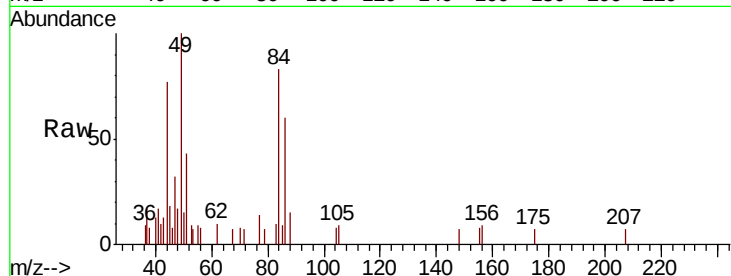
Tot Ion: 84 Resp: 2074

Ion Ratio Lower Upper

84 100

86 72.1 46.5 86.3

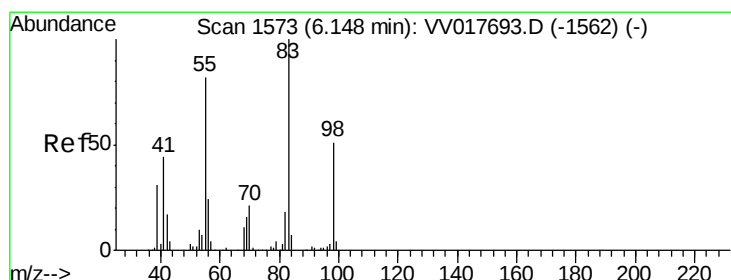
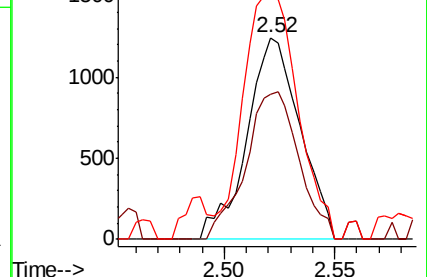
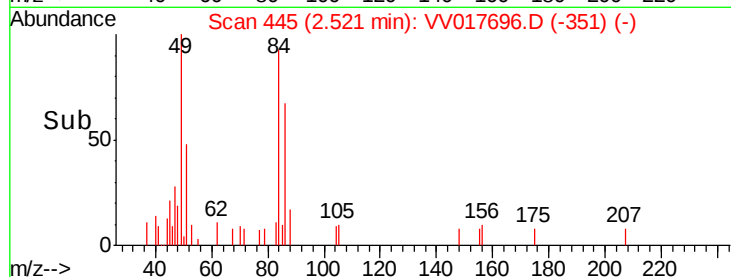
49 120.2 79.2 147.2



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#35

Methylcyclohexane

Concen: 0.571 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017696.D

Acq: 28 Jul 2020 11:28

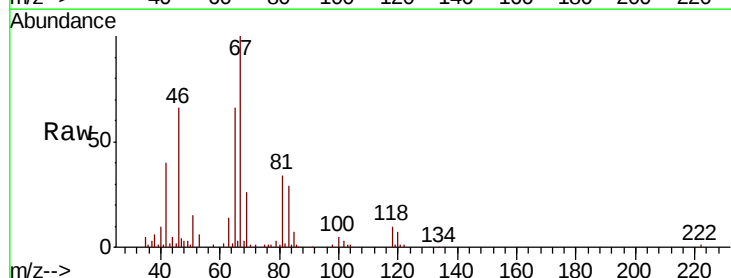
Tgt Ion: 83 Resp: 12332

Ion Ratio Lower Upper

83 100

55 0.4 61.8 92.8#

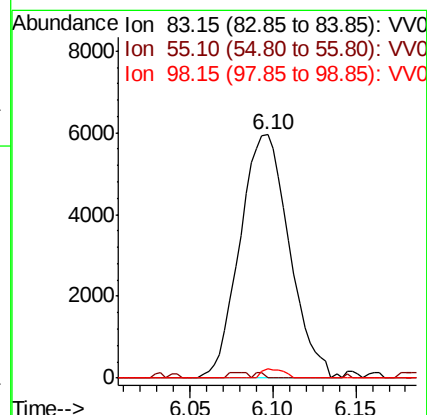
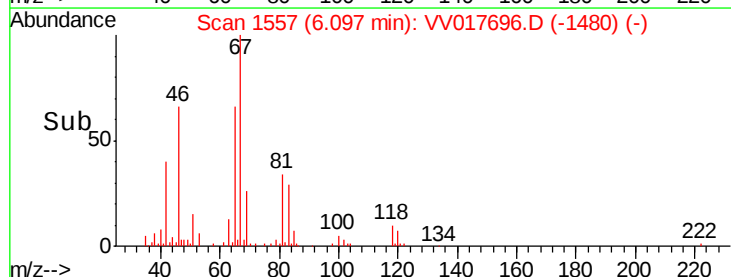
98 1.7 39.0 58.6#

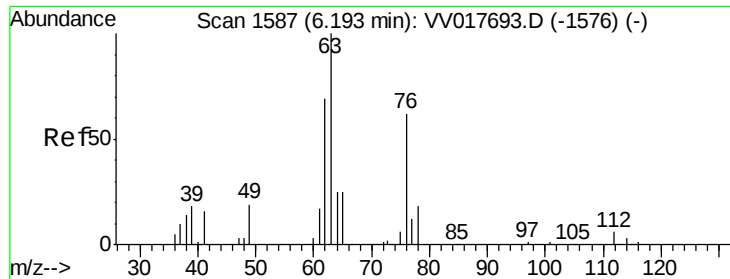


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.510 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017696.D

Acq: 28 Jul 2020 11:28

Instrument :  
MSVOA\_V  
ClientSampleId :

Tot Ion: 63 Resp: 6133

Ion Ratio Lower Upper

63 100

112 0.7 4.5 6.7#

