

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111621\  
 Data File : VU045806.D  
 Acq On : 16 Nov 2021 14:51  
 Operator : SY/MD  
 Sample : M4686-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 17 04:50:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 17 04:49:52 2021  
 Response via : Initial Calibration

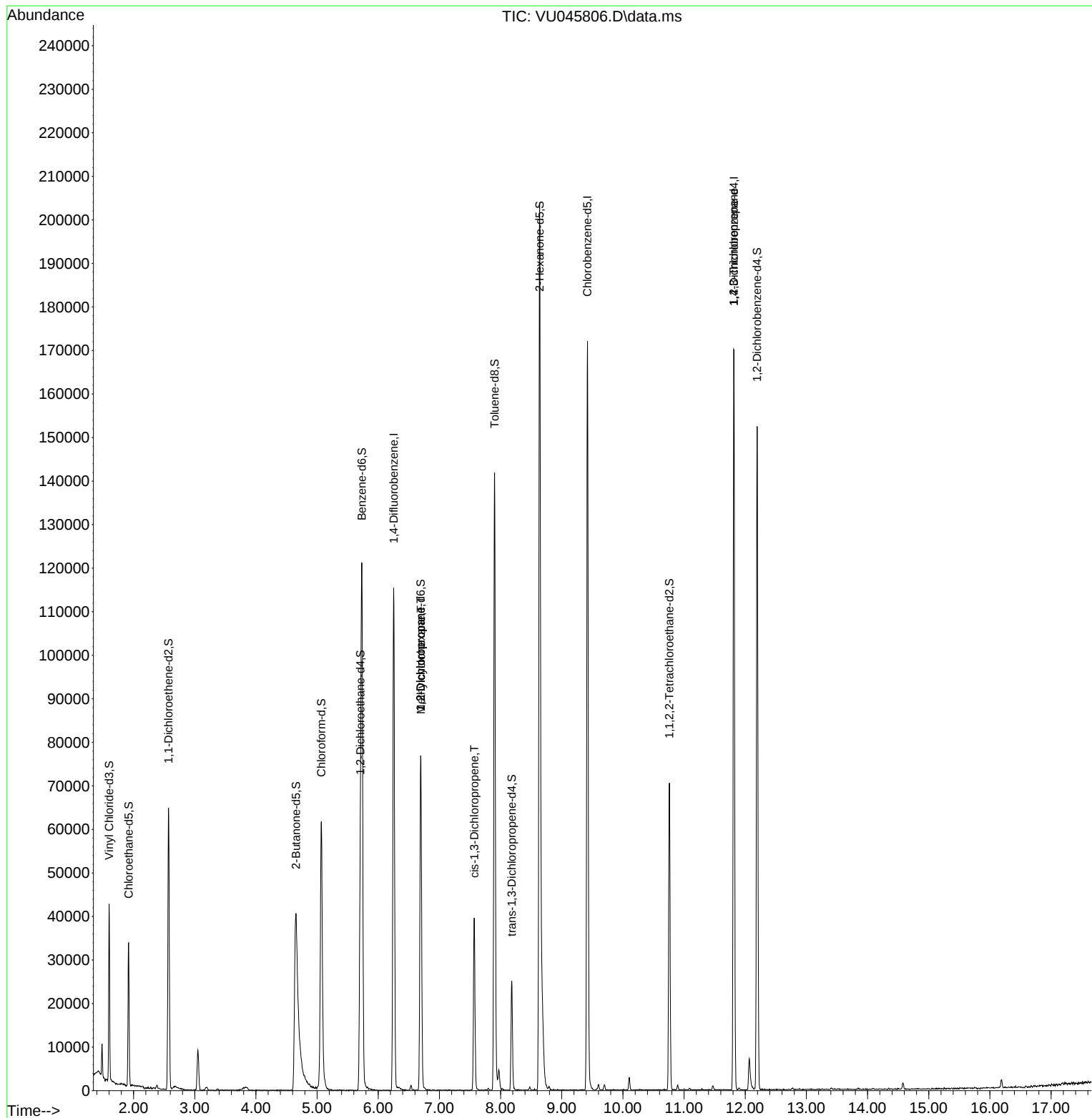
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114            | 91965    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117            | 97257    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816 | 152            | 44477    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65             | 27746    | 3.808  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 76.200%  |          |
| 7) Chloroethane-d5            | 1.919  | 69             | 24096    | 4.543  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 90.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65             | 12769    | 4.178  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 83.600%  |          |
| 20) 2-Butanone-d5             | 4.655  | 46             | 102643   | 52.567 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 105.140% |          |
| 24) Chloroform-d              | 5.070  | 84             | 53951    | 4.444  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 88.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.707  | 65             | 34920    | 4.903  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.000%  |          |
| 32) Benzene-d6                | 5.732  | 84             | 113249   | 4.228  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 84.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67             | 37538    | 4.447  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 89.000%  |          |
| 41) Toluene-d8                | 7.903  | 98             | 97638    | 4.030  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 80.600%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 14868    | 4.339  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 86.800%  |          |
| 46) 2-Hexanone-d5             | 8.639  | 63             | 78963    | 51.197 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 102.400% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 35850    | 5.027  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 100.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 39390    | 5.158  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 103.200% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 35) Methylcyclohexane         | 6.697  | 83             | 8734     | 0.813  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.694  | 63             | 3952     | 0.553  | ug/L #   | 88       |
| 39) cis-1,3-Dichloropropene   | 7.571  | 75             | 982      | 0.097  | ug/L #   | 66       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75             | 5697     | 1.234  | ug/L #   | 65       |
| -----                         |        |                |          |        |          |          |

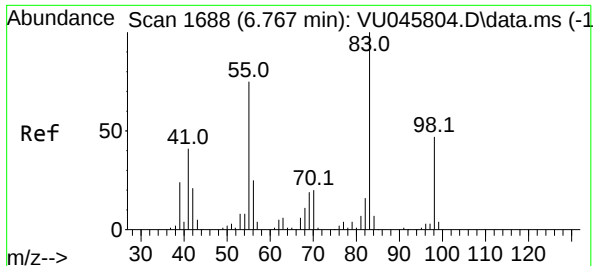
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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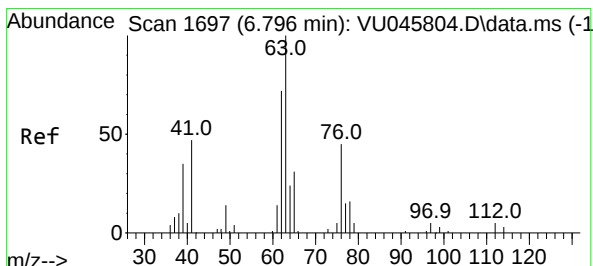
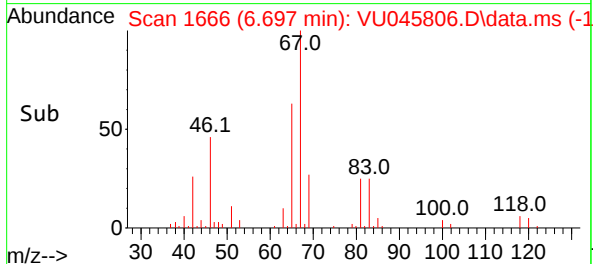
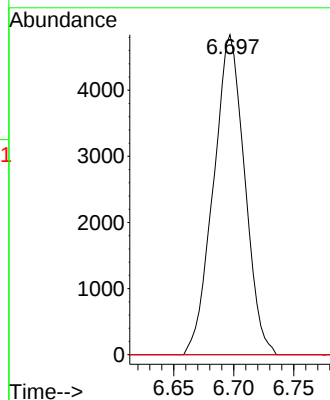
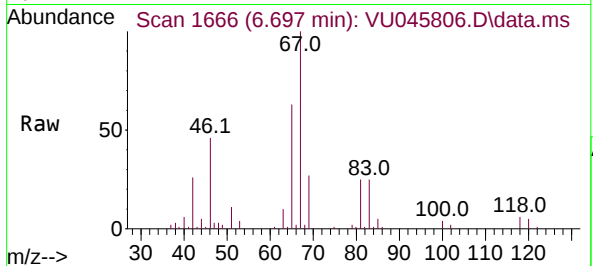




#35  
Methylcyclohexane  
Concen: 0.813 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.071 min  
Lab File: VU045806.D  
Acq: 16 Nov 2021 14:51

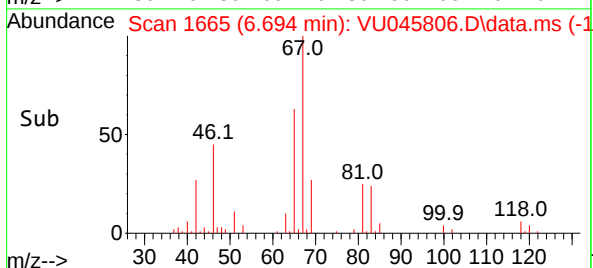
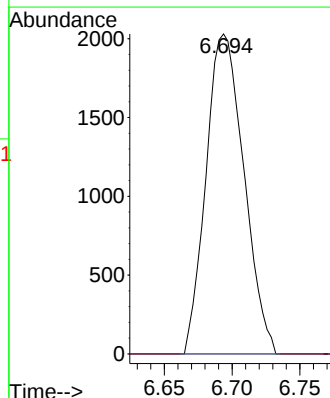
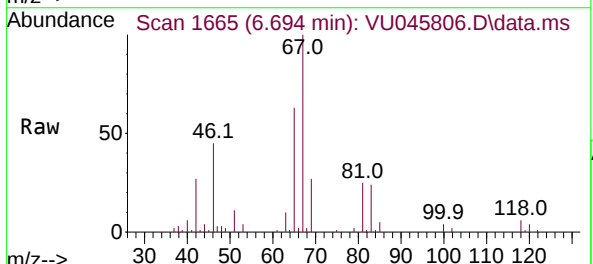
Instrument :  
MSVOA\_U  
ClientSampleId :

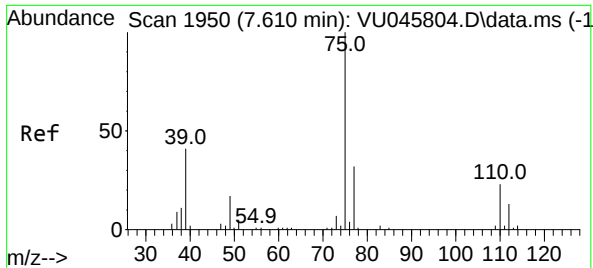
Tgt Ion: 83 Resp: 8734  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.9 92.9#  
98 3.4 39.0 58.6#



#37  
1,2-Dichloropropane  
Concen: 0.553 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.103 min  
Lab File: VU045806.D  
Acq: 16 Nov 2021 14:51

Tgt Ion: 63 Resp: 3952  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.571 min Scan# 19

Delta R.T. -0.038 min

Lab File: VU045806.D

Acq: 16 Nov 2021 14:51

Instrument :

MSVOA\_U

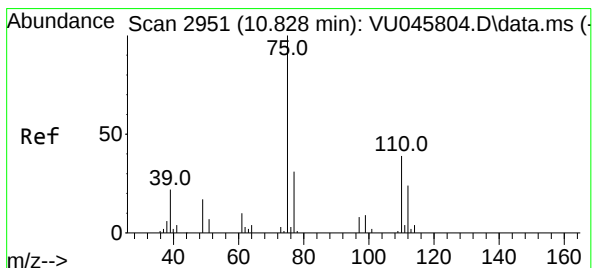
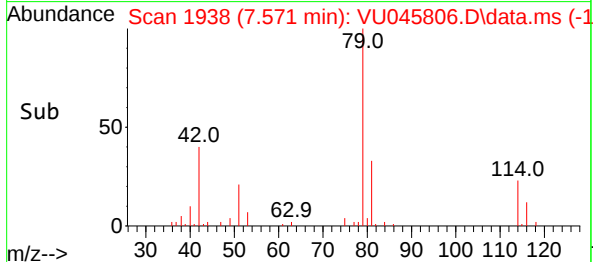
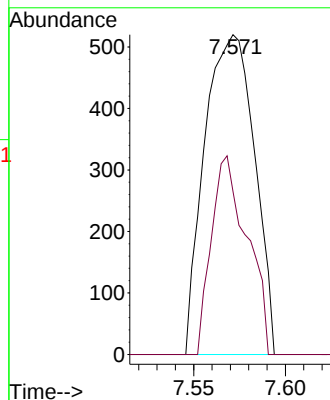
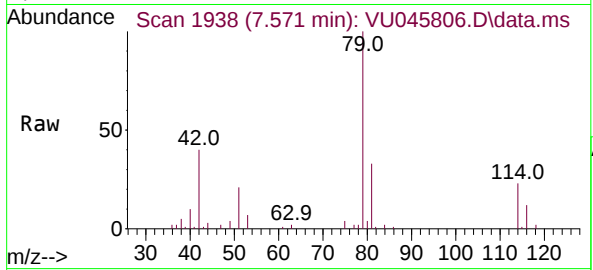
ClientSampleId :

Tgt Ion: 75 Resp: 982

Ion Ratio Lower Upper

75 100

77 51.0 22.5 41.9#



#61

1,2,3-Trichloropropane

Concen: 1.234 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.984 min

Lab File: VU045806.D

Acq: 16 Nov 2021 14:51

Tgt Ion: 75 Resp: 5697

Ion Ratio Lower Upper

75 100

110 0.8 29.9 44.9#

77 29.9 25.5 38.3

