

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122321\  
 Data File : VU046571.D  
 Acq On : 23 Dec 2021 17:25  
 Operator : SY/MD  
 Sample : M5148-22  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 24 04:56:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122121WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 24 04:54:59 2021  
 Response via : Initial Calibration

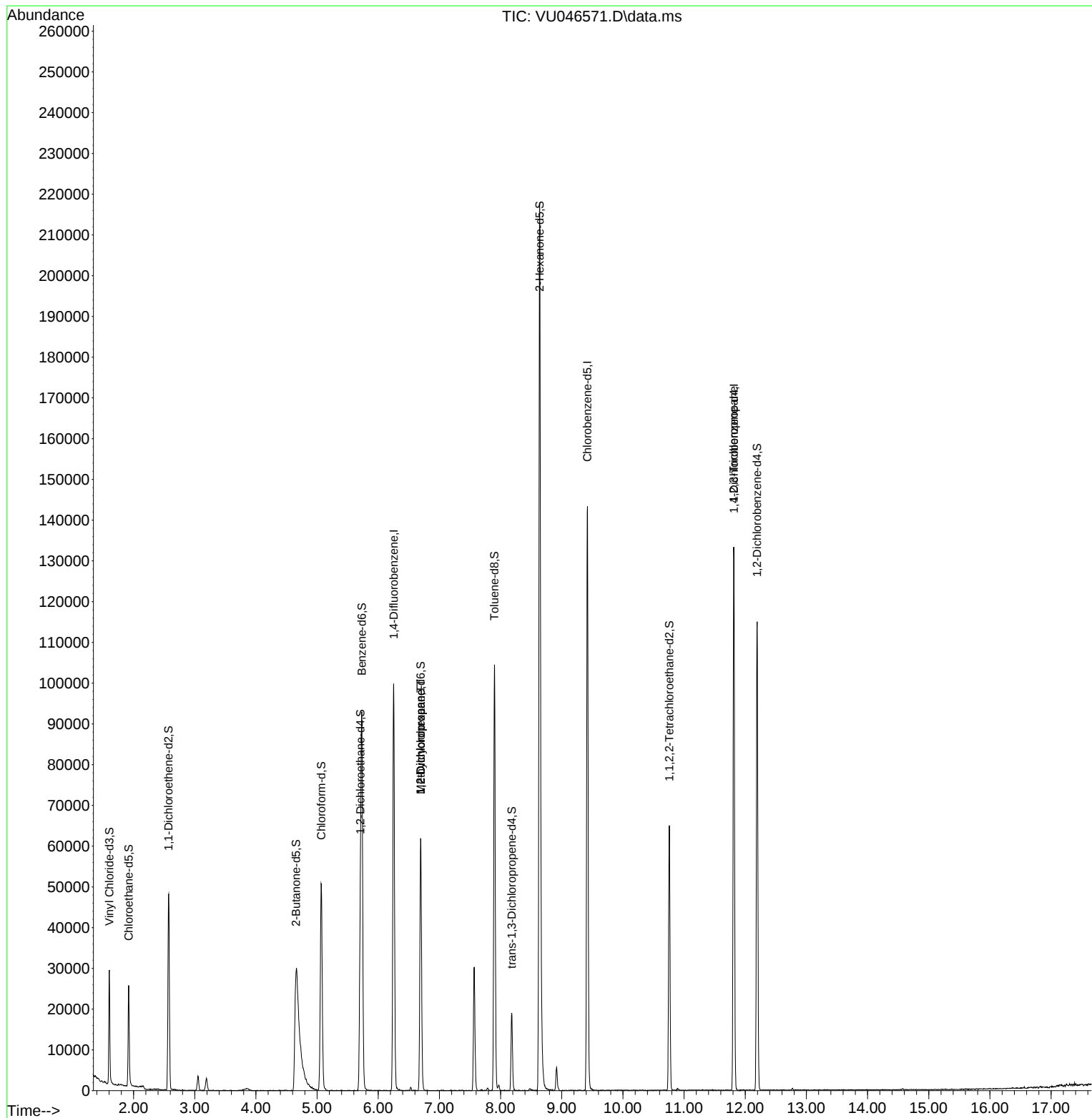
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114            | 81681    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117            | 81422    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816 | 152            | 34983    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65             | 21226    | 3.299  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 66.000%  |          |
| 7) Chloroethane-d5            | 1.919  | 69             | 19180    | 3.786  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 75.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65             | 9144     | 3.370  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 67.400%  |          |
| 20) 2-Butanone-d5             | 4.658  | 46             | 86935    | 46.584 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 93.160%  |          |
| 24) Chloroform-d              | 5.070  | 84             | 47500    | 4.029  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 80.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65             | 28927    | 4.292  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 85.800%  |          |
| 32) Benzene-d6                | 5.732  | 84             | 87296    | 3.846  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 77.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67             | 28511    | 4.180  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 83.600%  |          |
| 41) Toluene-d8                | 7.899  | 98             | 70245    | 3.410  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 68.200%# |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 11691    | 3.706  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 74.200%  |          |
| 46) 2-Hexanone-d5             | 8.639  | 63             | 88983    | 48.047 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 96.100%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 31043    | 4.435  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 88.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 30126    | 4.675  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 93.600%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 35) Methylcyclohexane         | 6.694  | 83             | 7407     | 0.616  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.694  | 63             | 3159     | 0.383  | ug/L #   | 88       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75             | 4063     | 0.699  | ug/L #   | 66       |
| -----                         |        |                |          |        |          |          |

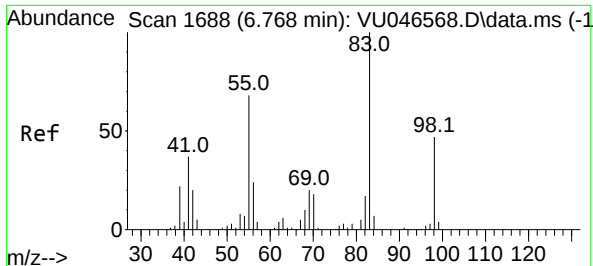
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122321\  
Data File : VU046571.D  
Acq On : 23 Dec 2021 17:25  
Operator : SY/MD  
Sample : M5148-22  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Dec 24 04:56:17 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122121WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Dec 24 04:54:59 2021  
Response via : Initial Calibration

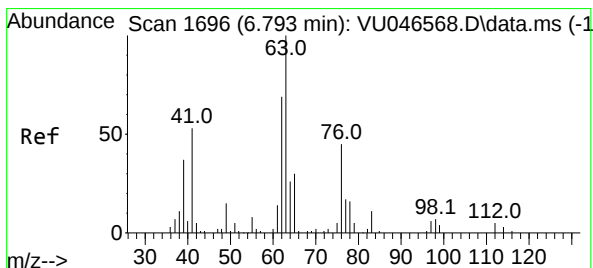
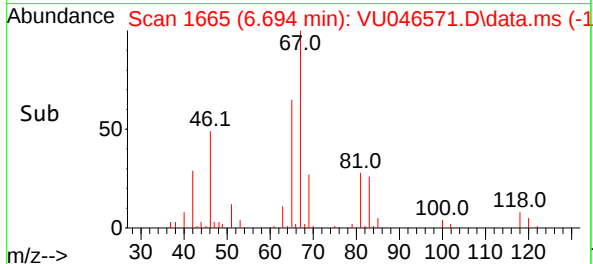
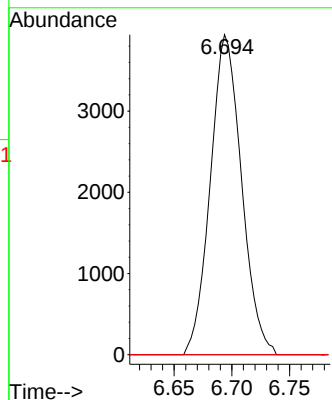
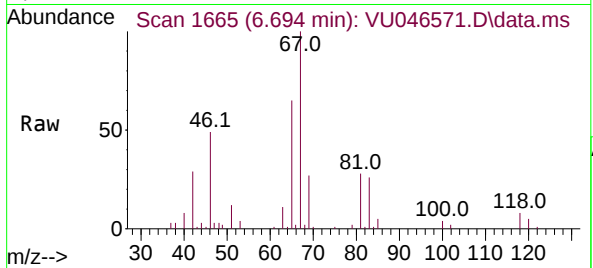




#35  
Methylcyclohexane  
Concen: 0.616 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.074 min  
Lab File: VU046571.D  
Acq: 23 Dec 2021 17:25

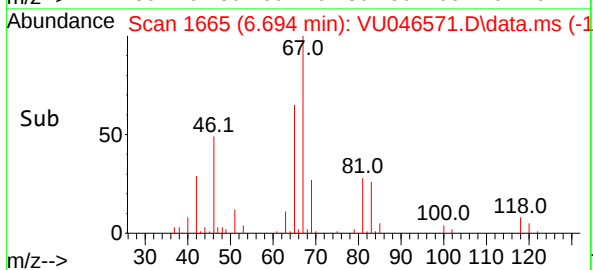
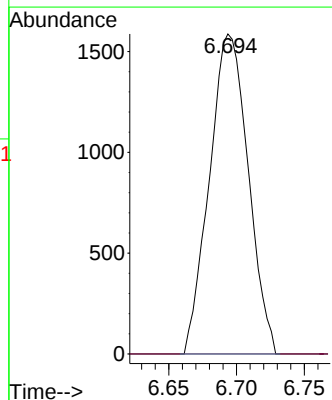
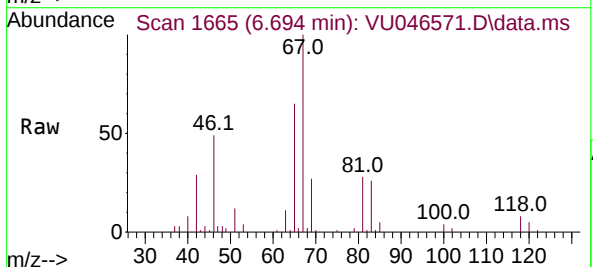
Instrument :  
MSVOA\_U  
ClientSampleId :

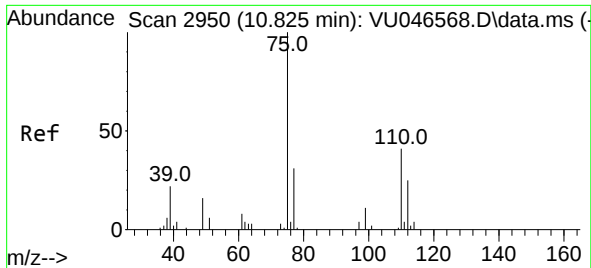
Tgt Ion: 83 Resp: 7407  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.9 92.9#  
98 1.9 39.0 58.6#



#37  
1,2-Dichloropropane  
Concen: 0.383 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.103 min  
Lab File: VU046571.D  
Acq: 23 Dec 2021 17:25

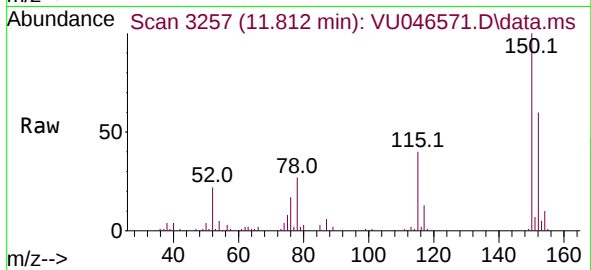
Tgt Ion: 63 Resp: 3159  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.2 4.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 0.699 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU046571.D  
 Acq: 23 Dec 2021 17:25

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 4063  
 Ion Ratio Lower Upper  
 75 100  
 110 0.0 29.9 44.9#  
 77 31.8 25.5 38.3

