

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122921\  
 Data File : VU046629.D  
 Acq On : 29 Dec 2021 12:30  
 Operator : SY/MD  
 Sample : M5201-19  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001

Quant Time: Dec 30 04:22:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122121WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 30 04:21:35 2021  
 Response via : Initial Calibration

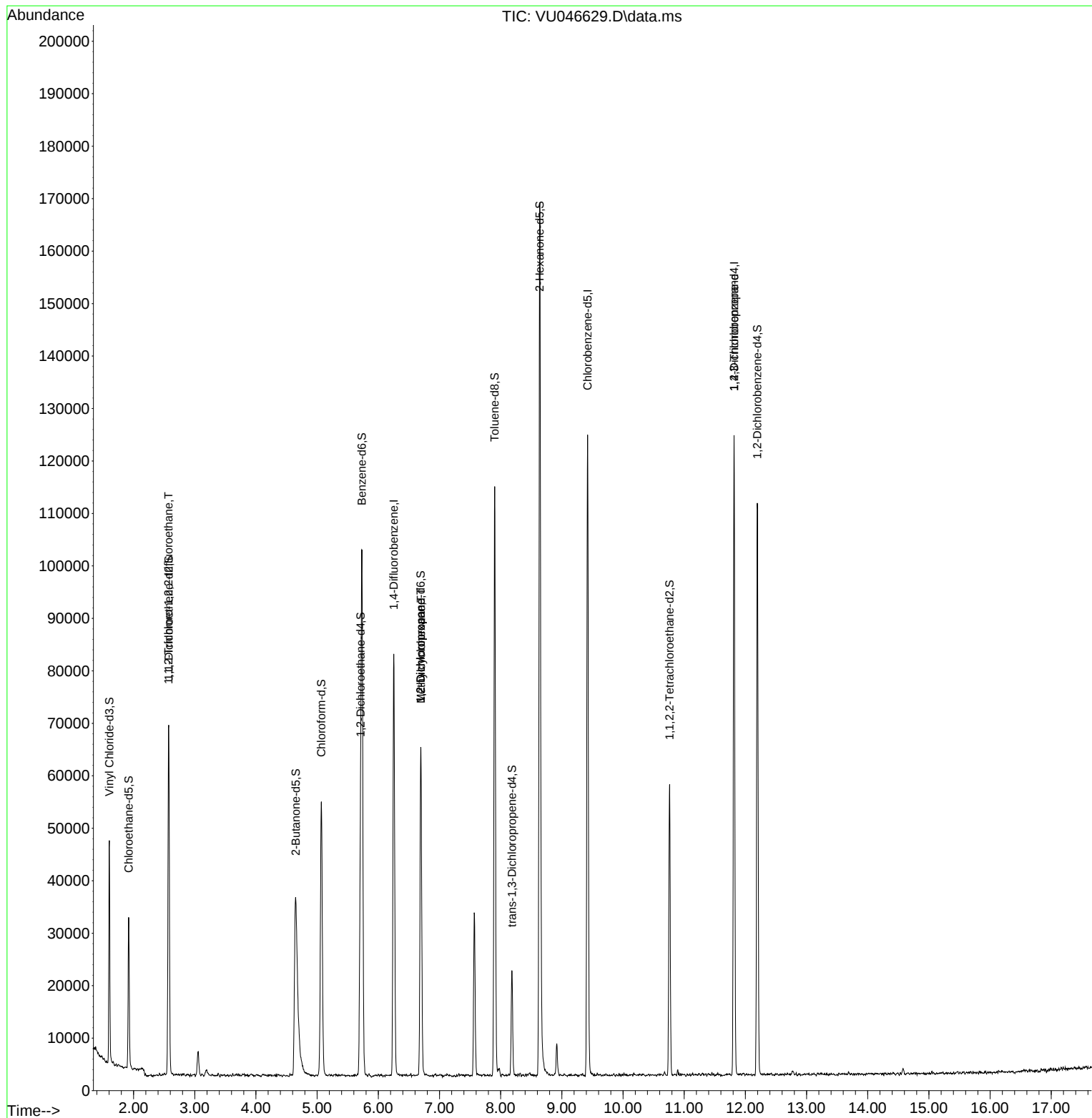
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 64622    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 69418    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815 | 152   | 32226    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 30892    | 6.069    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 121.400% |
| 7) Chloroethane-d5            | 1.919  | 69    | 22045    | 5.500    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 110.000% |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 13136    | 6.120    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 122.400% |
| 20) 2-Butanone-d5             | 4.652  | 46    | 75769    | 51.318   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 102.640% |
| 24) Chloroform-d              | 5.070  | 84    | 50123    | 5.374    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 107.400% |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 28258    | 5.300    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 106.000% |
| 32) Benzene-d6                | 5.732  | 84    | 93783    | 4.846    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67    | 29184    | 5.019    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 100.400% |
| 41) Toluene-d8                | 7.902  | 98    | 75279    | 4.286    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.800%  |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 12526    | 4.658    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.200%  |
| 46) 2-Hexanone-d5             | 8.639  | 63    | 63137    | 39.987   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 79.980%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84    | 27568    | 4.619    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 28800    | 4.852    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.571  | 101   | 283      | 0.051    | ug/L # | 21       |
| 35) Methylcyclohexane         | 6.697  | 83    | 7308     | 0.713    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.693  | 63    | 3294     | 0.468    | ug/L # | 88       |
| 61) 1,2,3-Trichloropropane    | 11.815 | 75    | 3996     | 0.747    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

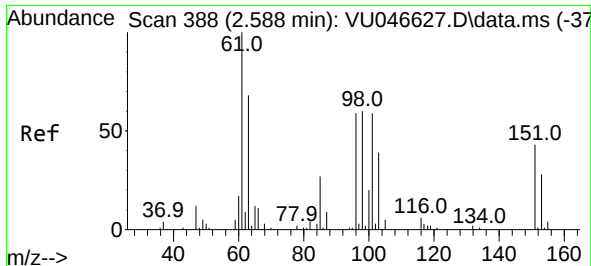
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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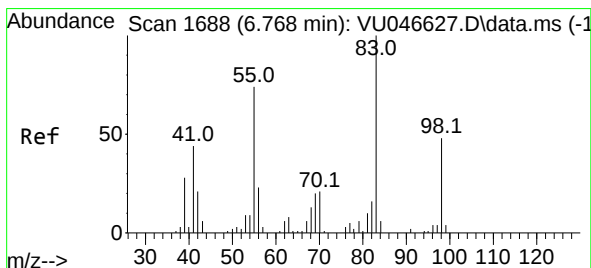
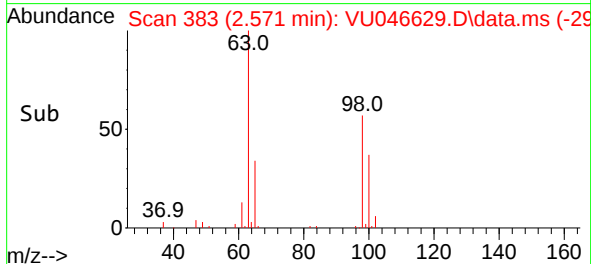
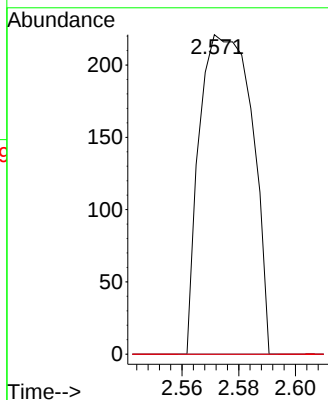
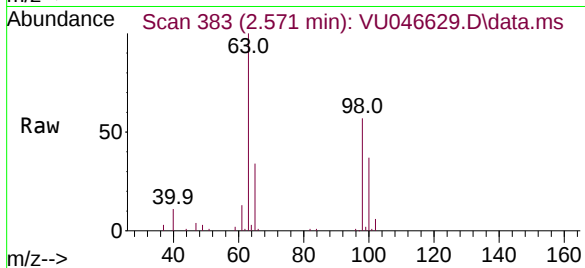




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.051 ug/L  
RT: 2.571 min Scan# 383  
Delta R.T. -0.016 min  
Lab File: VU046629.D  
Acq: 29 Dec 2021 12:30

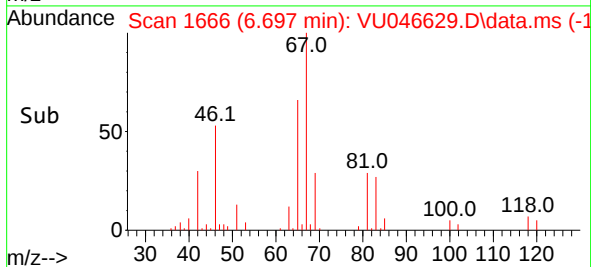
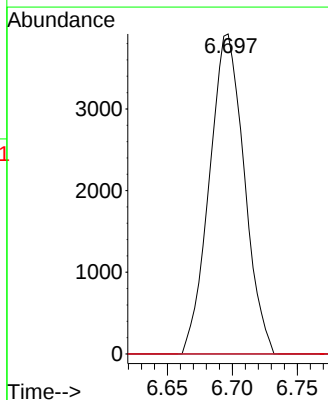
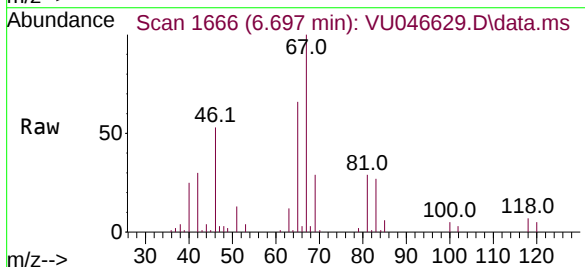
Instrument :  
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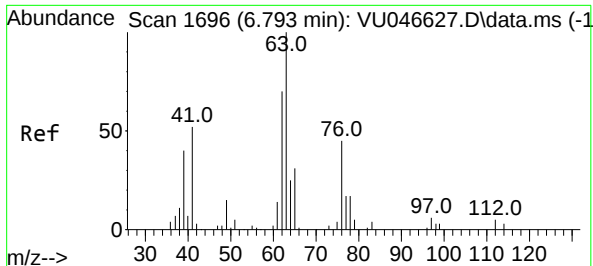
Tgt Ion:101 Resp: 283  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.6 51.8#  
151 0.0 56.1 84.1#



#35  
Methylcyclohexane  
Concen: 0.713 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.071 min  
Lab File: VU046629.D  
Acq: 29 Dec 2021 12:30

Tgt Ion: 83 Resp: 7308  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.9 92.9#  
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046629.D

Acq: 29 Dec 2021 12:30

Instrument :

MSVOA\_U

ClientSampleId :

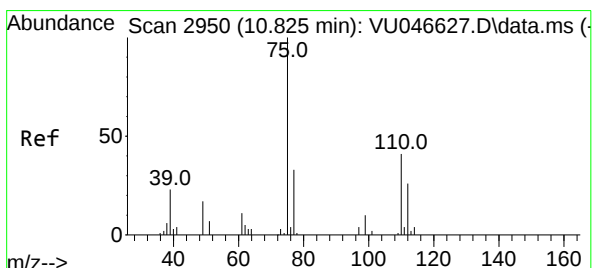
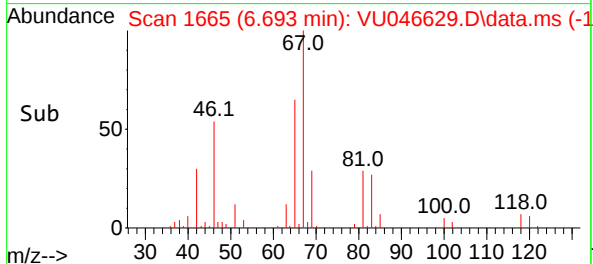
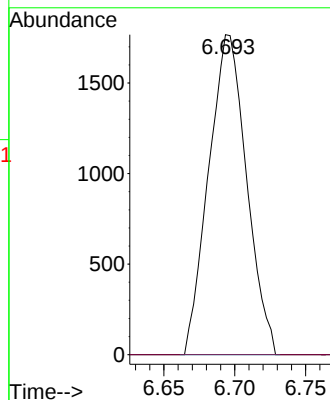
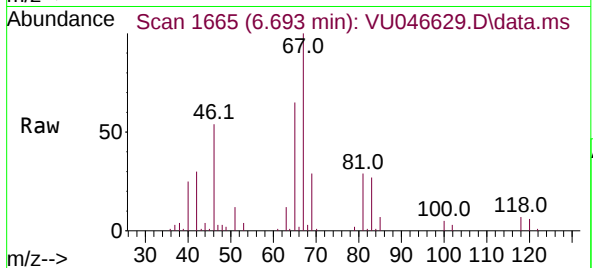
VHBLK001

Tgt Ion: 63 Resp: 3294

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#61

1,2,3-Trichloropropane

Concen: 0.747 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.990 min

Lab File: VU046629.D

Acq: 29 Dec 2021 12:30

Tgt Ion: 75 Resp: 3996

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 33.8 25.5 38.3

