

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111721\  
 Data File : VU045853.D  
 Acq On : 17 Nov 2021 20:28  
 Operator : SY/MD  
 Sample : M4664-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

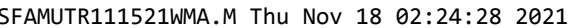
Instrument :  
 MSVOA\_U  
 ClientSampleId :

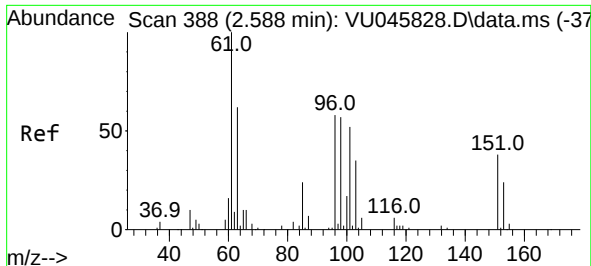
Quant Time: Nov 18 02:24:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 18 02:11:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114            | 96725    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117            | 100752   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152            | 45912    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65             | 36420    | 4.752  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 95.000%  |          |
| 7) Chloroethane-d5            | 1.916  | 69             | 28276    | 5.069  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 101.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65             | 15636    | 4.865  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 97.200%  |          |
| 20) 2-Butanone-d5             | 4.642  | 46             | 96074    | 46.781 | ug/L     | -0.01    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 93.560%  |          |
| 24) Chloroform-d              | 5.067  | 84             | 59914    | 4.693  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65             | 34154    | 4.559  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 91.200%  |          |
| 32) Benzene-d6                | 5.732  | 84             | 124354   | 4.482  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67             | 39355    | 4.501  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 90.000%  |          |
| 41) Toluene-d8                | 7.902  | 98             | 103779   | 4.135  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 82.600%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 14141    | 3.984  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 79.600%  |          |
| 46) 2-Hexanone-d5             | 8.636  | 63             | 65539    | 41.020 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 82.040%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 32721    | 4.429  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 88.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 39228    | 4.976  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 99.600%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.571  | 101            | 394      | 0.062  | ug/L #   | 21       |
| 22) cis-1,2-Dichloroethene    | 4.677  | 96             | 379      | 0.054  | ug/L #   | 56       |
| 35) Methylcyclohexane         | 6.693  | 83             | 9243     | 0.831  | ug/L #   | 17       |
| 37) 1,2-Dichloropropane       | 6.693  | 63             | 4321     | 0.584  | ug/L #   | 88       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75             | 6191     | 1.299  | ug/L #   | 64       |

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

Quant Time: Nov 18 02:24:20 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111521WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 18 02:11:55 2021  
Response via : Initial Calibration

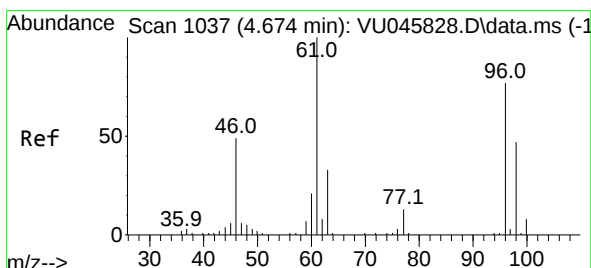
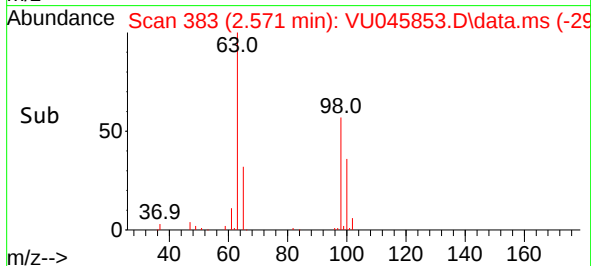
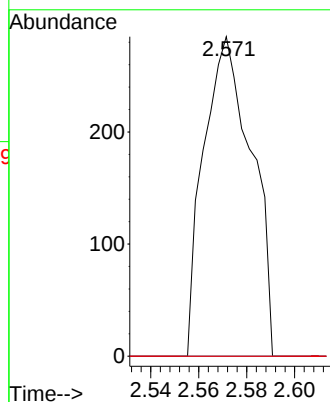
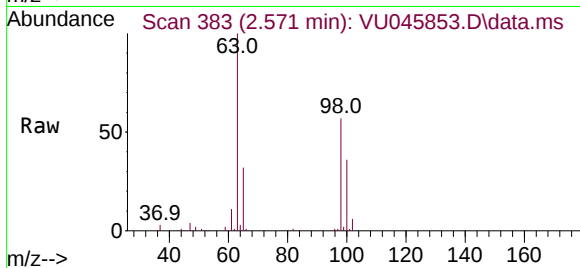




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.062 ug/L  
RT: 2.571 min Scan# 383  
Delta R.T. -0.016 min  
Lab File: VU045853.D  
Acq: 17 Nov 2021 20:28

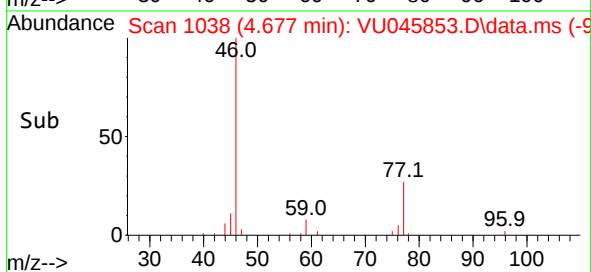
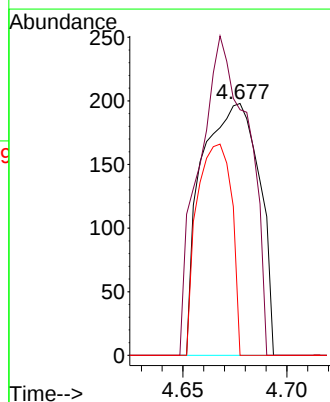
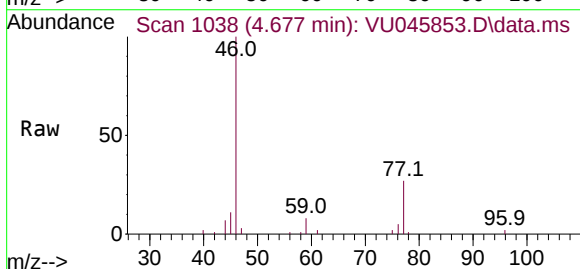
Instrument :  
MSVOA\_U  
ClientSampleId :

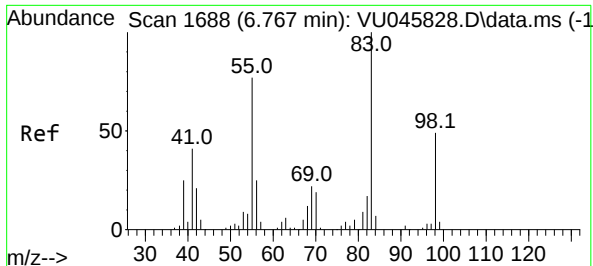
Tgt Ion:101 Resp: 394  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.6 51.8#  
151 0.0 56.1 84.1#



#22  
cis-1,2-Dichloroethene  
Concen: 0.054 ug/L  
RT: 4.677 min Scan# 1038  
Delta R.T. 0.003 min  
Lab File: VU045853.D  
Acq: 17 Nov 2021 20:28

Tgt Ion: 96 Resp: 379  
Ion Ratio Lower Upper  
96 100  
61 97.5 88.5 164.3  
98 0.0 44.4 82.5#





#35

Methylcyclohexane

Concen: 0.831 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU045853.D

Acq: 17 Nov 2021 20:28

Instrument :

MSVOA\_U

ClientSampleId :

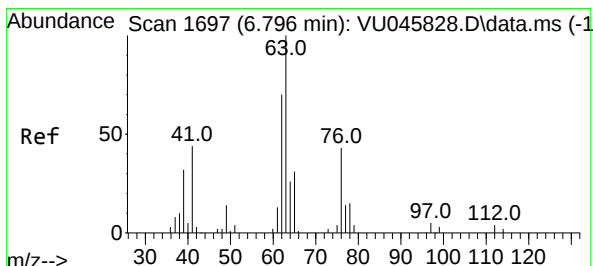
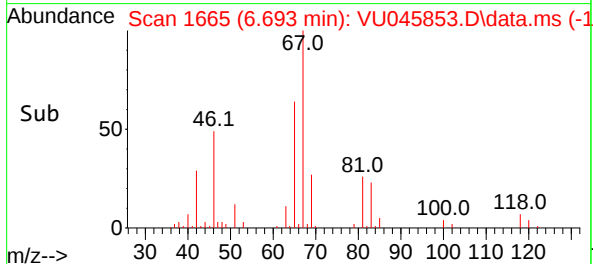
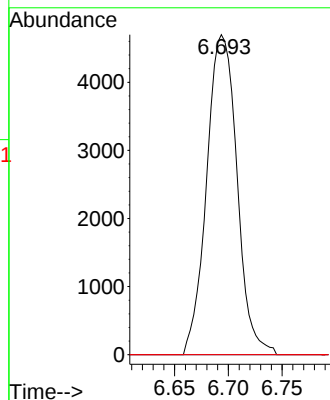
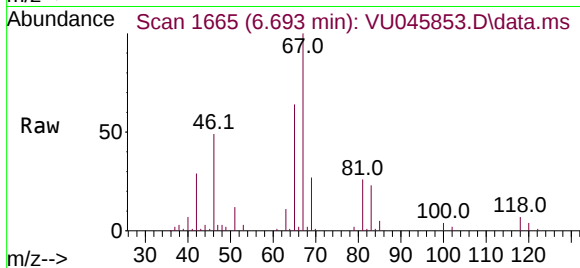
Tgt Ion: 83 Resp: 9243

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: 0.584 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.103 min

Lab File: VU045853.D

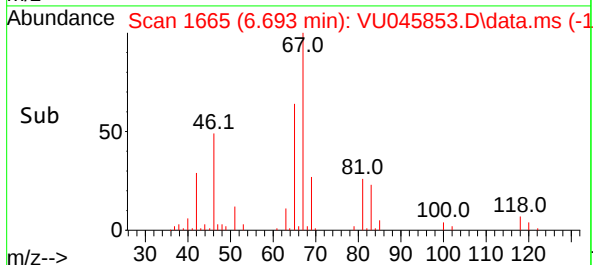
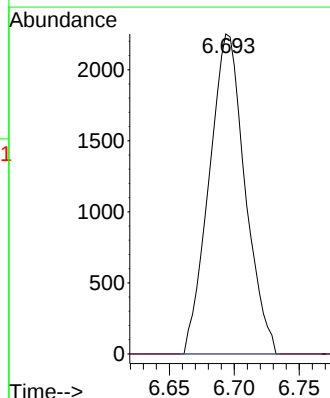
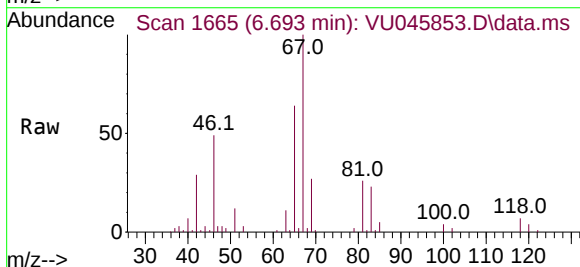
Acq: 17 Nov 2021 20:28

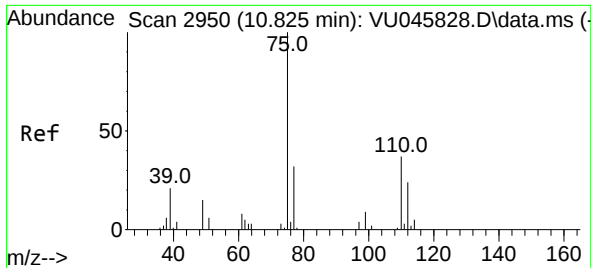
Tgt Ion: 63 Resp: 4321

Ion Ratio Lower Upper

63 100

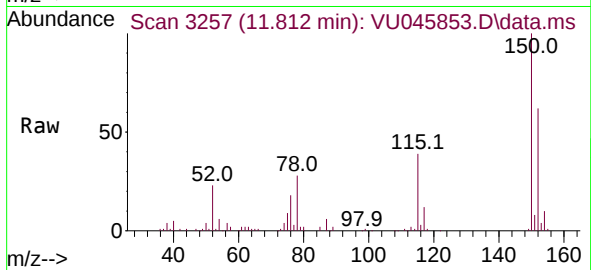
112 0.0 3.2 4.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.299 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU045853.D  
 Acq: 17 Nov 2021 20:28

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 6191  
 Ion Ratio Lower Upper  
 75 100  
 110 0.0 29.9 44.9#  
 77 29.0 25.5 38.3

