

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110824\  
 Data File : VU061550.D  
 Acq On : 08 Nov 2024 15:40  
 Operator : MD/SY  
 Sample : P4743-13DL 10X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H46S7DL

Quant Time: Nov 09 00:21:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Nov 09 00:17:10 2024  
 Response via : Initial Calibration

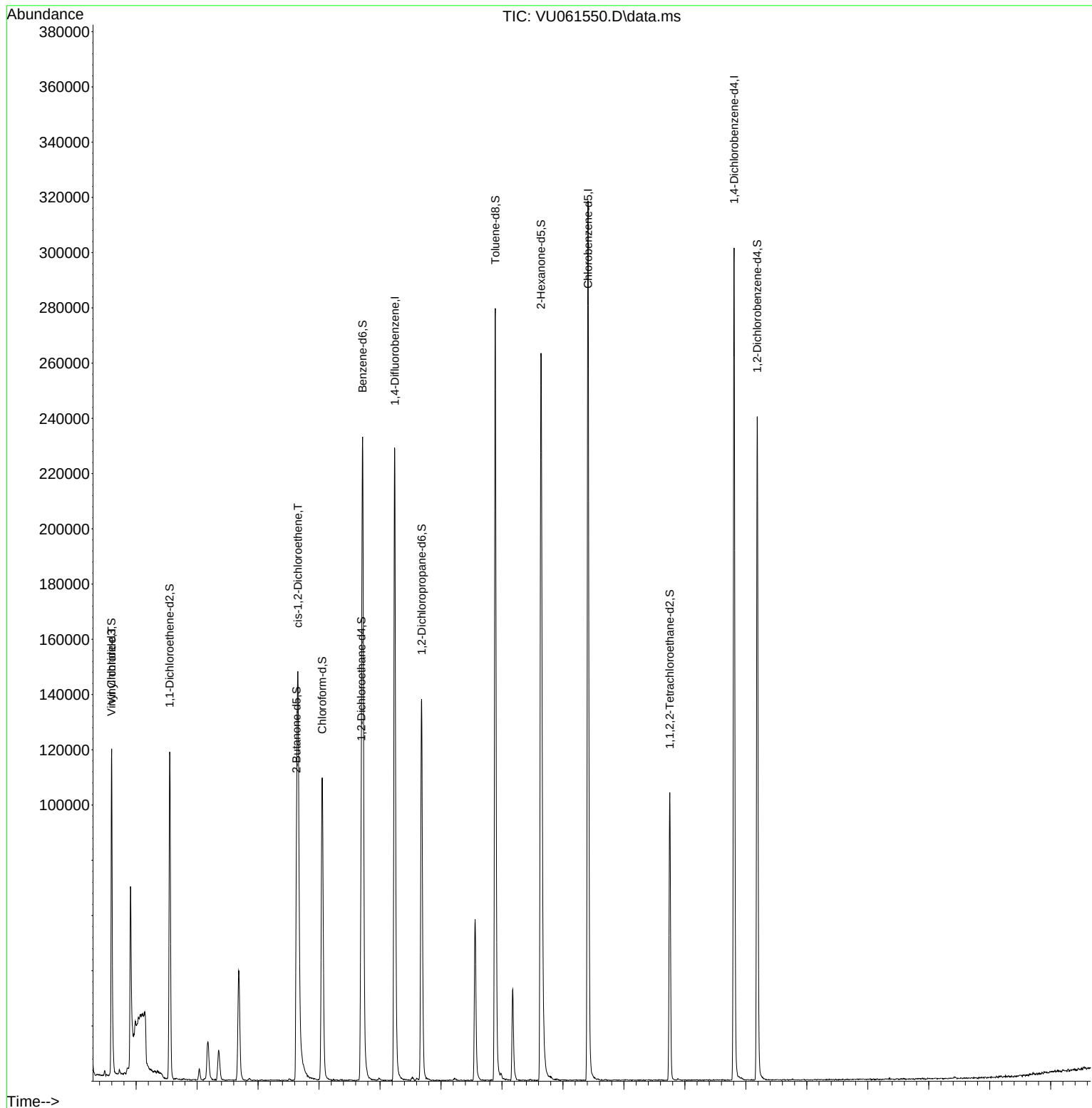
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 200270   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 188026   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 82537    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 45946    | 3.377    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 67.600%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 56030    | 4.493    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.550  | 65    | 22622    | 3.887    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 77.800%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 126490   | 45.795   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 91.580%  |
| 24) Chloroform-d              | 5.052  | 84    | 109071   | 4.224    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 56454    | 4.386    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.800%  |
| 32) Benzene-d6                | 5.714  | 84    | 225070   | 4.248    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 68040    | 4.272    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 85.400%  |
| 41) Toluene-d8                | 7.891  | 98    | 197623   | 3.989    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 79.800%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 20465    | 3.148    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 63.000%  |
| 46) 2-Hexanone-d5             | 8.640  | 63    | 117837   | 44.250   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 88.500%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 52204    | 4.334    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 86.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 66596    | 4.556    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 91.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 5) Vinyl chloride             | 1.599  | 62    | 51547    | 3.330    | ug/L   | 99       |
| 17) Methyl tert-butyl Ether   | 3.358  | 73    | 10285    | 0.320    | ug/L   | 96       |
| 18) trans-1,2-Dichloroethene  | 3.345  | 96    | 1310     | 0.100    | ug/L # | 88       |
| 22) cis-1,2-Dichloroethene    | 4.653  | 96    | 56231    | 3.760    | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

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

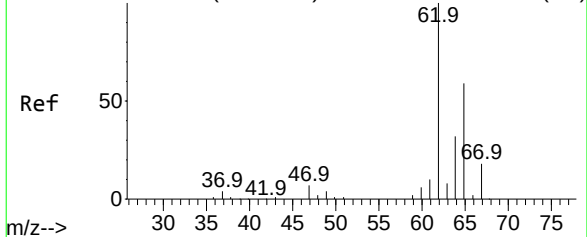
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Nov 09 00:17:10 2024  
Response via : Initial Calibration



Abundance Scan 96 (1.599 min): VU061537.D\data.ms (-88)



#5

Vinyl chloride

Concen: 3.330 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU061550.D

Acq: 08 Nov 2024 15:40

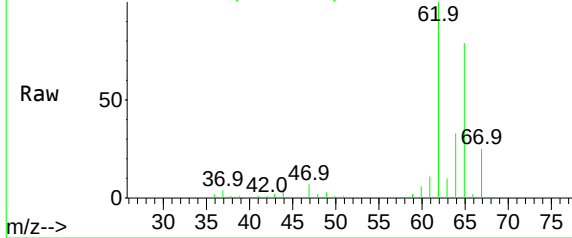
Instrument :

MSVOA\_U

ClientSampleId :

H46S7DL

Abundance Scan 96 (1.599 min): VU061550.D\data.ms



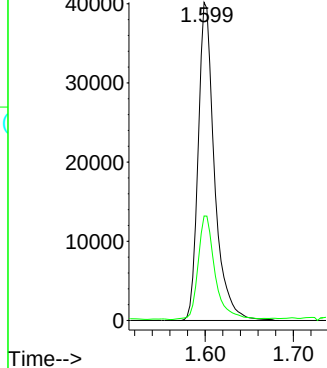
Tgt Ion: 62 Resp: 51547

Ion Ratio Lower Upper

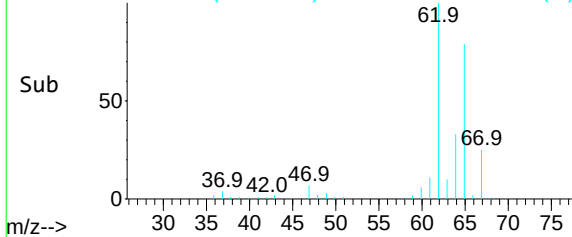
62 100

64 32.9 22.6 42.0

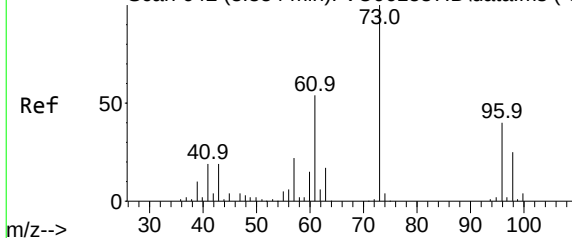
Abundance



Abundance Scan 96 (1.599 min): VU061550.D\data.ms (-3)



Abundance Scan 642 (3.354 min): VU061537.D\data.ms (-62)



#17

Methyl tert-butyl Ether

Concen: 0.320 ug/L

RT: 3.358 min Scan# 643

Delta R.T. 0.003 min

Lab File: VU061550.D

Acq: 08 Nov 2024 15:40

Tgt Ion: 73 Resp: 10285

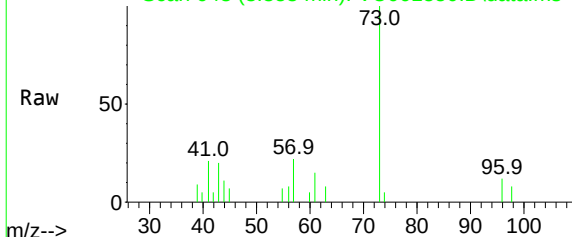
Ion Ratio Lower Upper

73 100

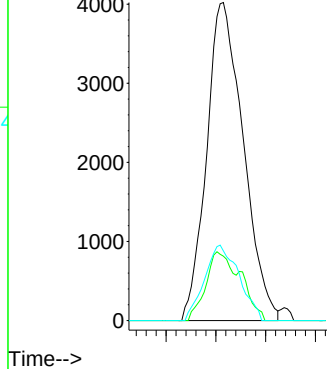
43 15.5 15.0 22.4

57 22.3 17.0 25.6

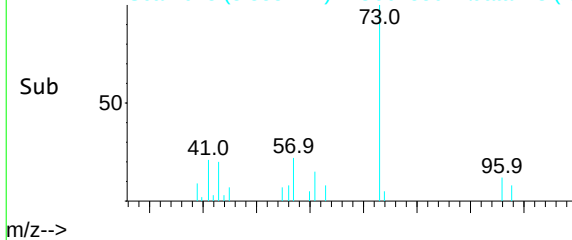
Abundance Scan 643 (3.358 min): VU061550.D\data.ms

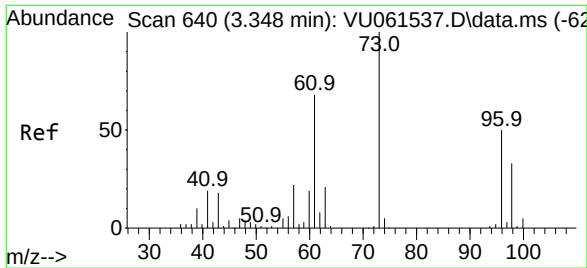


Abundance



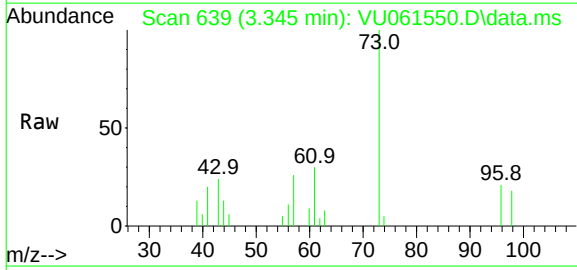
Abundance Scan 643 (3.358 min): VU061550.D\data.ms (-54)



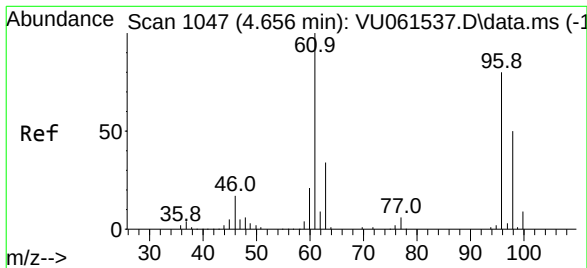
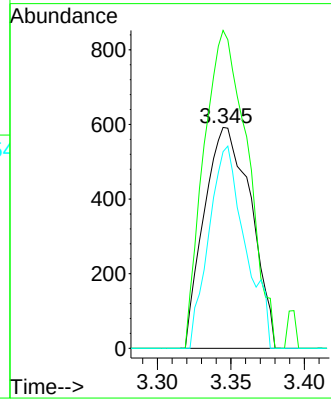
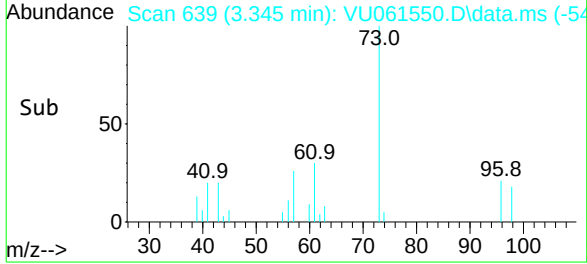


#18  
trans-1,2-Dichloroethene  
Concen: 0.100 ug/L  
RT: 3.345 min Scan# 63  
Delta R.T. -0.003 min  
Lab File: VU061550.D  
Acq: 08 Nov 2024 15:40

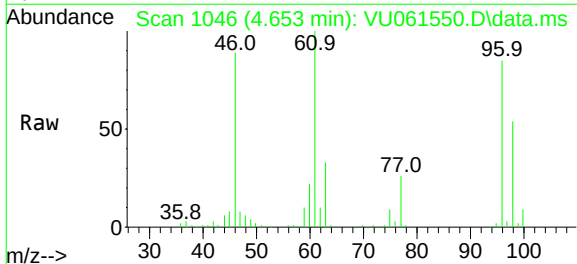
Instrument :  
MSVOA\_U  
ClientSampleId :  
H46S7DL



Tgt Ion: 96 Resp: 1310  
Ion Ratio Lower Upper  
96 100  
61 143.9 97.9 181.7  
98 89.0 46.2 85.8#



#22  
cis-1,2-Dichloroethene  
Concen: 3.760 ug/L  
RT: 4.653 min Scan# 1046  
Delta R.T. -0.003 min  
Lab File: VU061550.D  
Acq: 08 Nov 2024 15:40



Tgt Ion: 96 Resp: 56231  
Ion Ratio Lower Upper  
96 100  
61 118.3 88.1 163.5  
98 63.9 45.0 83.6

