

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081122\  
 Data File : VU050266.D  
 Acq On : 12 Aug 2022 08:44  
 Operator : SY/MD  
 Sample : N4096-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Aug 12 23:12:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Aug 12 23:11:34 2022  
 Response via : Initial Calibration

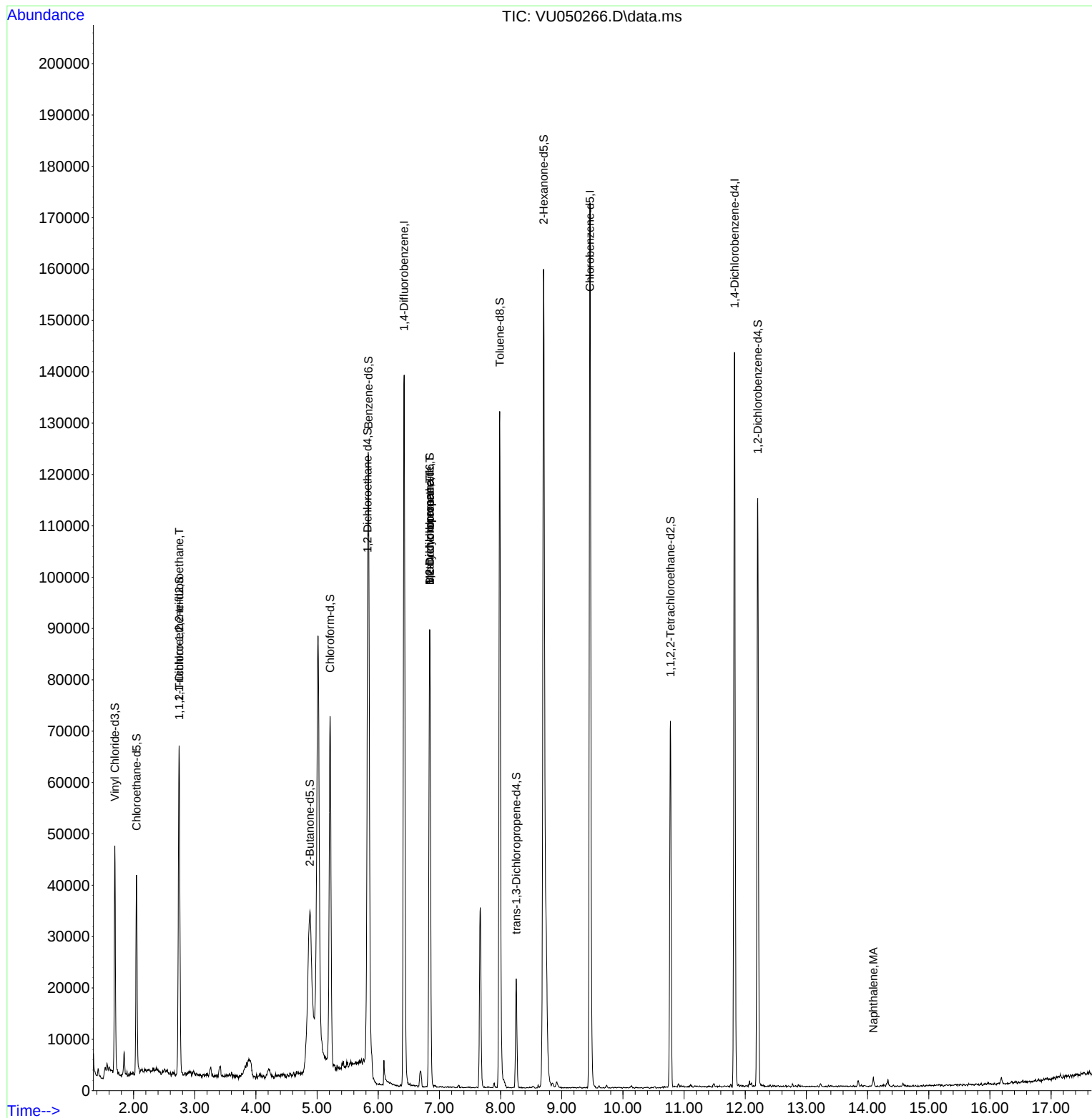
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.424  | 114   | 108621   | 5.000    | ug/L   | 0.17     |
| 28) Chlorobenzene-d5          | 9.462  | 117   | 104495   | 5.000    | ug/L   | 0.05     |
| 58) 1,4-Dichlorobenzene-d4    | 11.825 | 152   | 38617    | 5.000    | ug/L   | 0.01     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.694  | 65    | 36702    | 4.060    | ug/L   | 0.10     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 81.200%  |
| 7) Chloroethane-d5            | 2.048  | 69    | 31141    | 4.270    | ug/L   | 0.14     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 85.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.745  | 65    | 14386    | 4.072    | ug/L   | 0.18     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 81.400%  |
| 20) 2-Butanone-d5             | 4.883  | 46    | 80743    | 36.629   | ug/L   | 0.24     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 73.260%  |
| 24) Chloroform-d              | 5.215  | 84    | 57697    | 3.432    | ug/L   | 0.15     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 68.600%# |
| 26) 1,2-Dichloroethane-d4     | 5.826  | 65    | 34566    | 4.004    | ug/L   | 0.12     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.000%  |
| 32) Benzene-d6                | 5.842  | 84    | 94637    | 2.902    | ug/L   | 0.12     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 58.000%# |
| 36) 1,2-Dichloropropane-d6    | 6.842  | 67    | 42707    | 3.977    | ug/L   | 0.15     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 79.600%  |
| 41) Toluene-d8                | 7.986  | 98    | 93823    | 3.258    | ug/L   | 0.09     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 65.200%# |
| 43) trans-1,3-Dichloroprop... | 8.256  | 79    | 12386    | 3.219    | ug/L   | 0.08     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 64.400%  |
| 46) 2-Hexanone-d5             | 8.703  | 63    | 53366    | 39.108   | ug/L   | 0.07     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 78.220%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.777 | 84    | 36670    | 3.889    | ug/L   | 0.02     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 77.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.205 | 152   | 30437    | 4.023    | ug/L   | 0.01     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 80.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.748  | 101   | 360      | 0.051    | ug/L # | 22       |
| 35) Methylcyclohexane         | 6.842  | 83    | 9505     | 0.832    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.842  | 63    | 4462     | 0.458    | ug/L # | 89       |
| 38) Bromodichloromethane      | 6.842  | 83    | 9448     | 0.798    | ug/L # | 47       |
| 71) Naphthalene               | 14.095 | 128   | 1739     | 0.121    | ug/L # | 94       |
| -----                         |        |       |          |          |        |          |

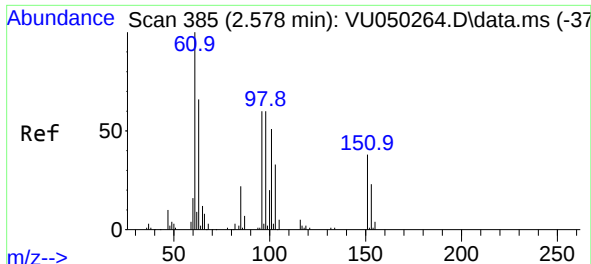
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.051 ug/L

RT: 2.748 min Scan# 41

Delta R.T. 0.170 min

Lab File: VU050266.D

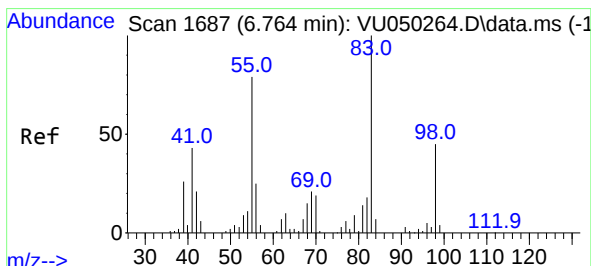
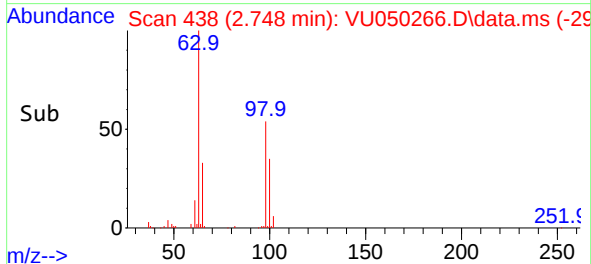
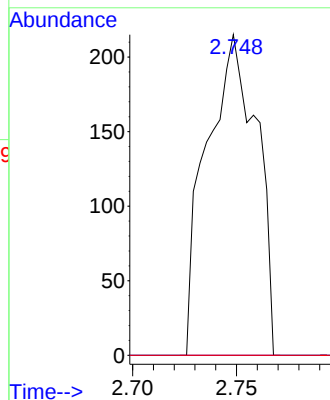
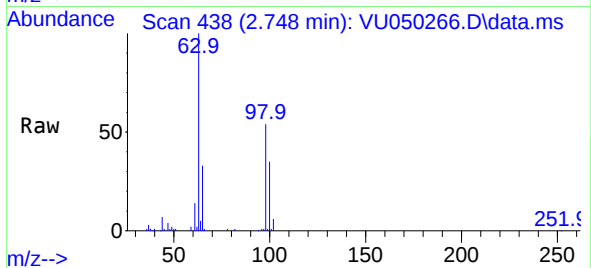
Acq: 12 Aug 2022 08:44

Instrument :

MSVOA\_U

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 360   |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 0.0   | 35.6  | 53.4# |
| 151      | 0.0   | 55.2  | 82.8# |



#35

Methylcyclohexane

Concen: 0.832 ug/L

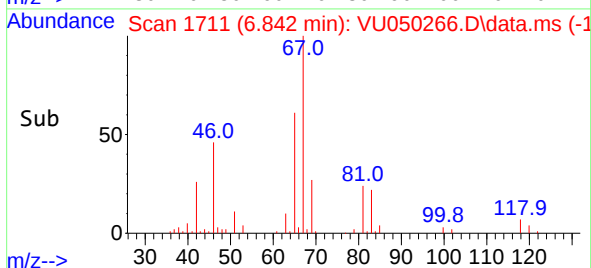
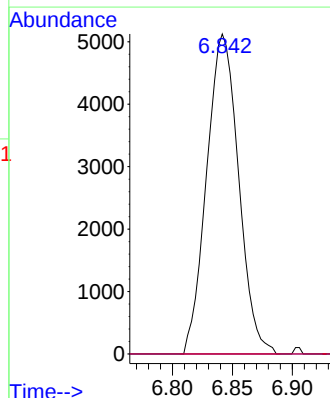
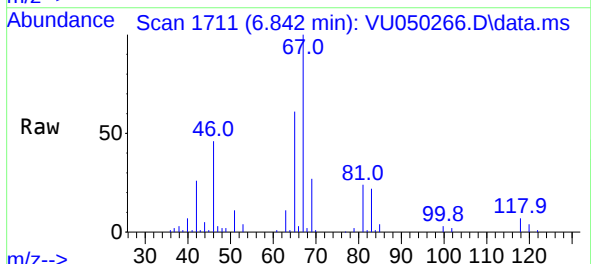
RT: 6.842 min Scan# 1711

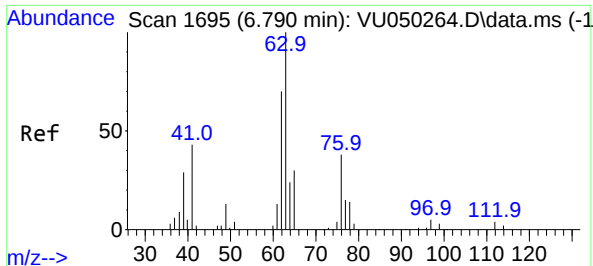
Delta R.T. 0.077 min

Lab File: VU050266.D

Acq: 12 Aug 2022 08:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 9505  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.0   | 62.7  | 94.1# |
| 98       | 0.5   | 36.2  | 54.2# |





#37

1,2-Dichloropropane

Concen: 0.458 ug/L

RT: 6.842 min Scan# 1711

Delta R.T. 0.052 min

Lab File: VU050266.D

Acq: 12 Aug 2022 08:44

Instrument :

MSVOA\_U

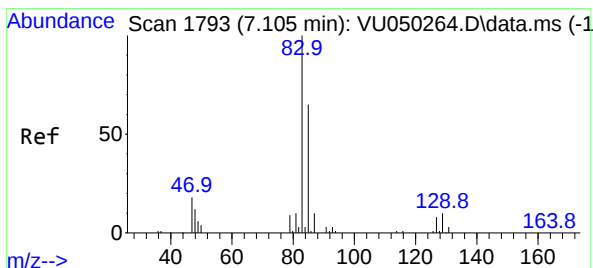
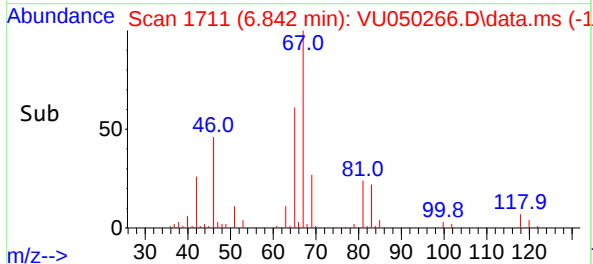
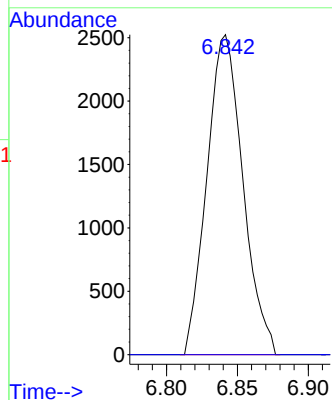
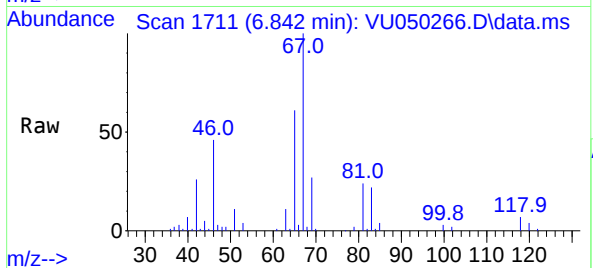
ClientSampleId :

Tgt Ion: 63 Resp: 4462

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#38

Bromodichloromethane

Concen: 0.798 ug/L

RT: 6.842 min Scan# 1711

Delta R.T. -0.264 min

Lab File: VU050266.D

Acq: 12 Aug 2022 08:44

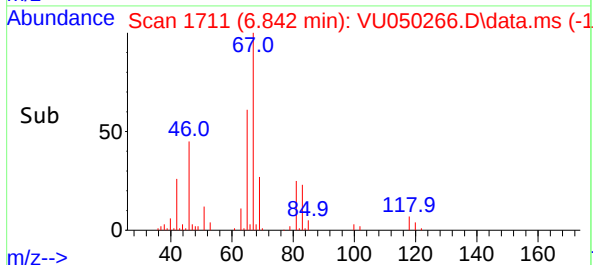
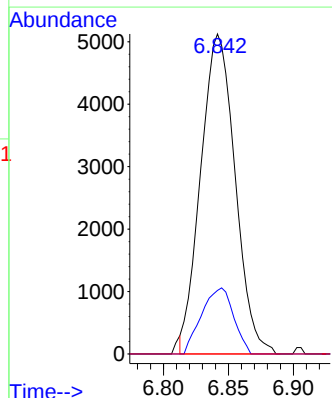
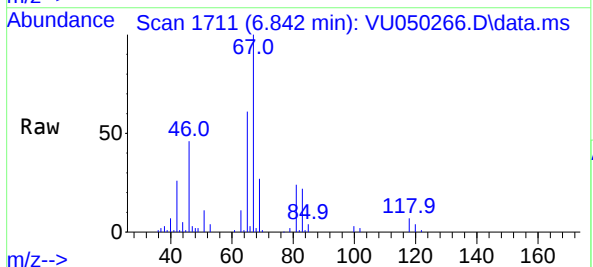
Tgt Ion: 83 Resp: 9448

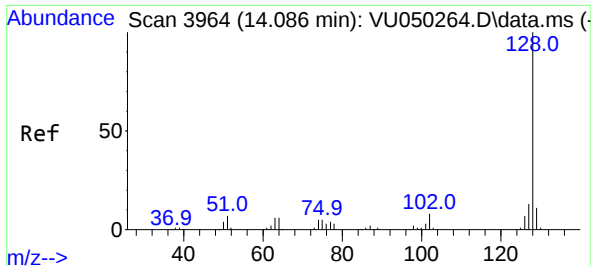
Ion Ratio Lower Upper

83 100

85 19.8 45.1 83.7#

127 0.0 6.8 10.2#





#71

Naphthalene

Concen: 0.121 ug/L

RT: 14.095 min Scan# 3967

Delta R.T. 0.010 min

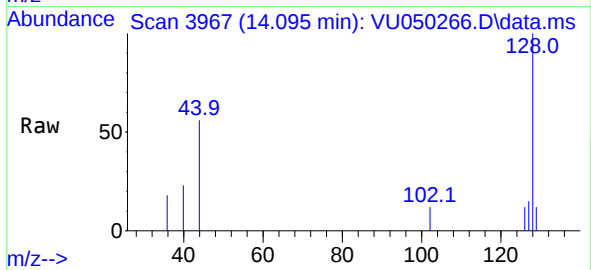
Lab File: VU050266.D

Acq: 12 Aug 2022 08:44

Instrument :

MSVOA\_U

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 1739  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 7.0   | 8.6   | 12.8# |
| 127      | 11.8  | 10.6  | 16.0  |

