

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061222\  
 Data File : VU049089.D  
 Acq On : 12 Jun 2022 14:25  
 Operator : SY/MD  
 Sample : N3255-08  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0DK2

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 06/16/2022  
 Supervised By :Mahesh Dadoda 06/16/2022

Quant Time: Jun 13 05:03:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM061022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Jun 13 05:01:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.250          | 114  | 247989     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 236946     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 97307      | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 69163      | 45.272   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 90.540%  |       |          |
| 7) Chloroethane-d5            | 1.896          | 69   | 53461      | 47.660   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 95.320%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.562          | 63   | 103031     | 35.740   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 71.480%  |       |          |
| 21) 2-Butanone-d5             | 4.626          | 46   | 160605     | 95.884   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 95.880%  |       |          |
| 24) Chloroform-d              | 5.060          | 84   | 160036     | 49.105   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.220%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.703          | 65   | 111261     | 52.695   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 105.380% |       |          |
| 32) Benzene-d6                | 5.726          | 84   | 300531     | 51.150   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 102.300% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 101616     | 51.446   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 102.900% |       |          |
| 41) Toluene-d8                | 7.896          | 98   | 242918     | 46.880   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.760%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 38917      | 41.881   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 83.760%  |       |          |
| 47) 2-Hexanone-d5             | 8.635          | 63   | 87229      | 84.380   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 84.380%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758         | 84   | 162020     | 49.112   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 98.220%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 94773      | 55.976   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 111.960% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.575          | 96   | 11754      | 7.686    | ug/L  | # 1      |
| 13) Acetone                   | 2.629          | 43   | 35205      | 26.710   | ug/L  | 97       |
| 20) cis-1,2-Dichloroethene    | 4.668          | 96   | 11422      | 5.583    | ug/L  | 90       |
| 22) 2-Butanone                | 4.706          | 43   | 43372      | 21.413   | ug/L  | 95       |
| 30) 1,1,1-Trichloroethane     | 5.311          | 97   | 3367m      | 1.019    | ug/L  |          |
| -----                         |                |      |            |          |       |          |

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

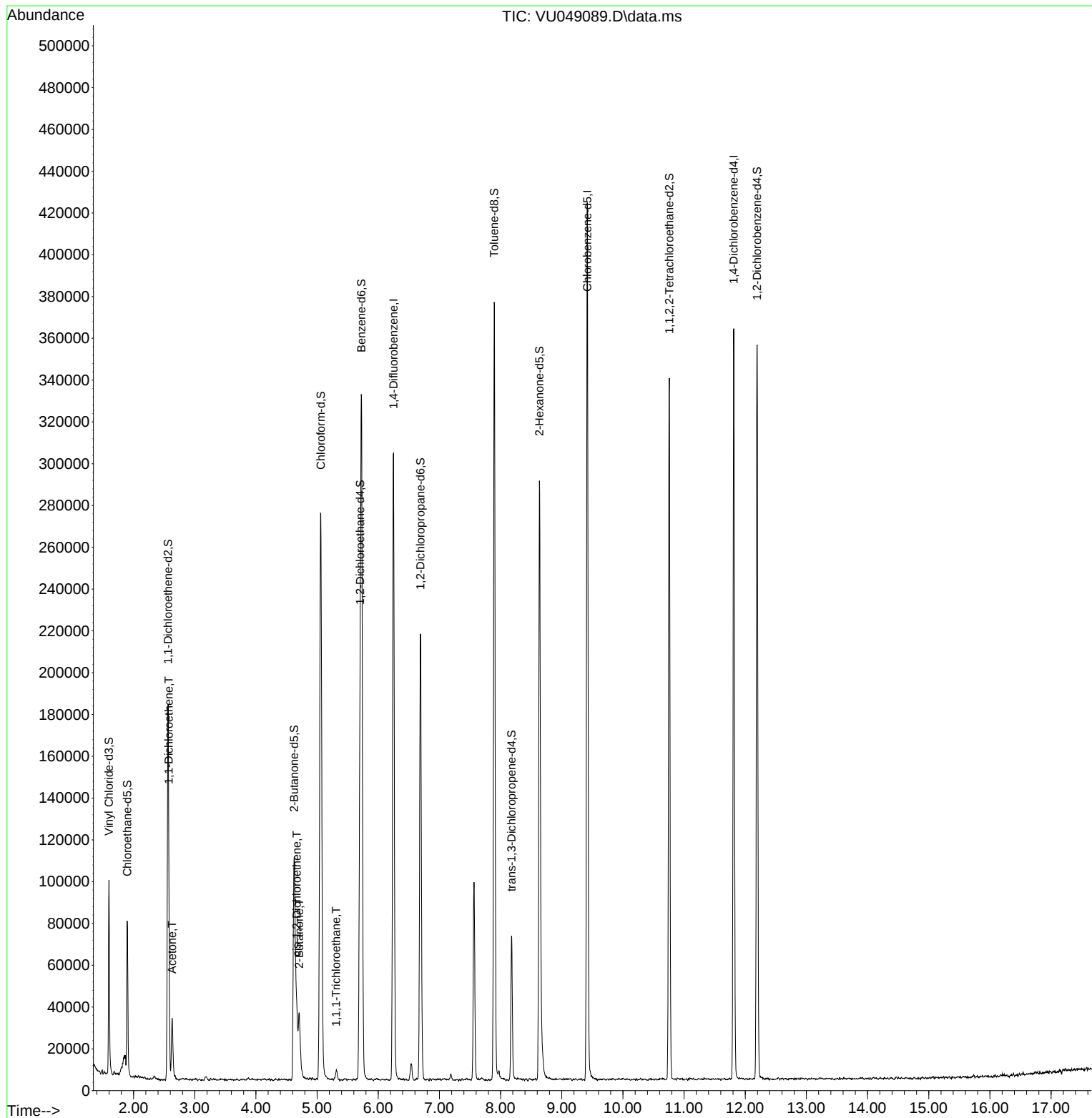
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061222\  
Data File : VU049089.D  
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Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 44 Sample Multiplier: 1

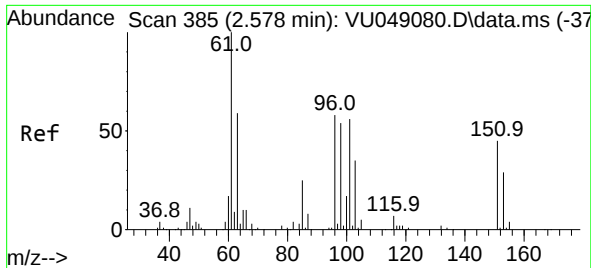
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0DK2

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Quant Time: Jun 13 05:03:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM061022WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Jun 13 05:01:30 2022  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 7.686 ug/L

RT: 2.575 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049089.D

Acq: 12 Jun 2022 14:25

Instrument :

MSVOA\_U

ClientSampleId :

C0DK2

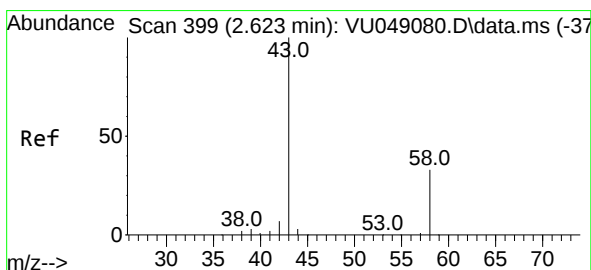
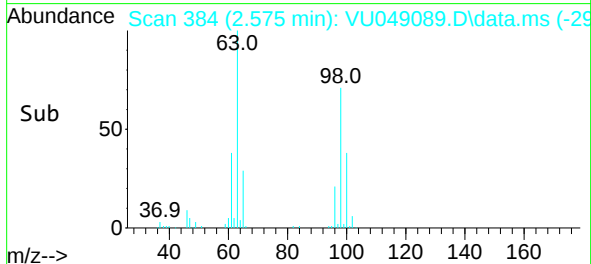
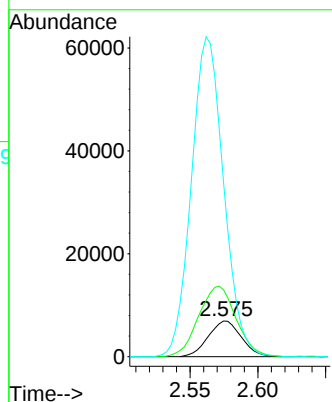
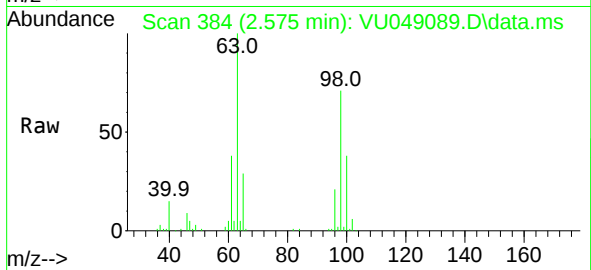
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 11754 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 187.1 | 123.5 | 229.3 |
| 63       | 487.4 | 86.0  | 159.8 |

Manual Integrations

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Supervised By :Mahesh Dadoda 06/16/2022



#13

Acetone

Concen: 26.710 ug/L

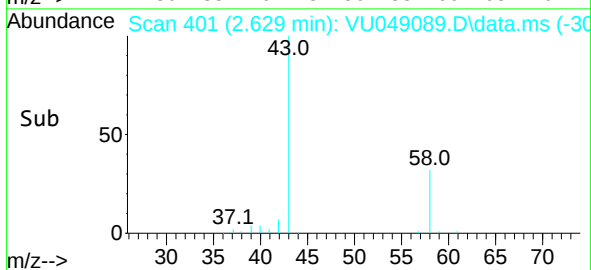
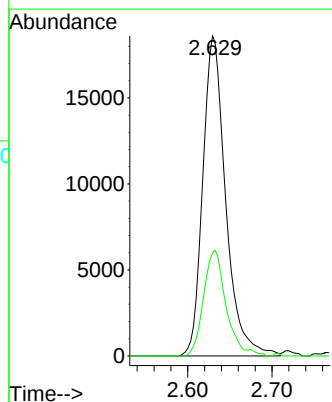
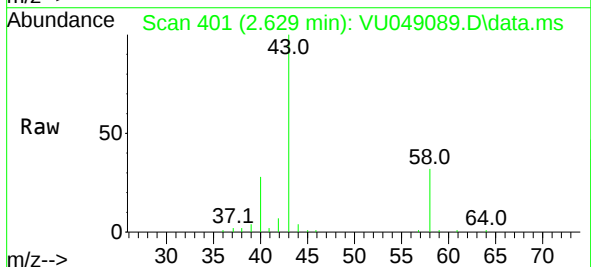
RT: 2.629 min Scan# 401

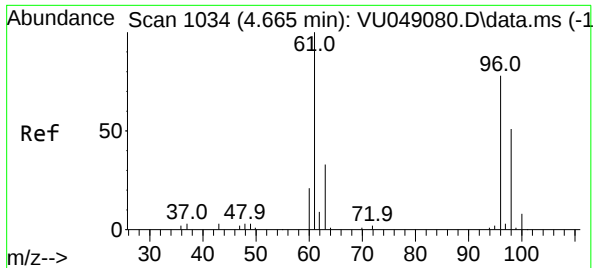
Delta R.T. 0.006 min

Lab File: VU049089.D

Acq: 12 Jun 2022 14:25

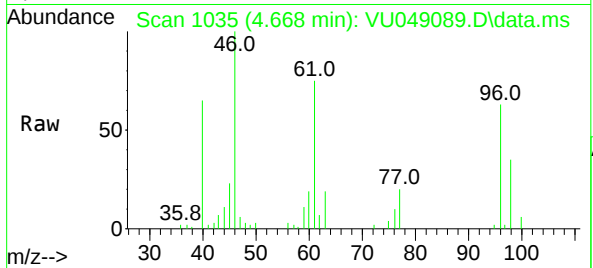
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 35205 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.6  | 0.0   | 66.4  |





#20  
 cis-1,2-Dichloroethene  
 Concen: 5.583 ug/L  
 RT: 4.668 min Scan# 1034  
 Delta R.T. 0.003 min  
 Lab File: VU049089.D  
 Acq: 12 Jun 2022 14:25

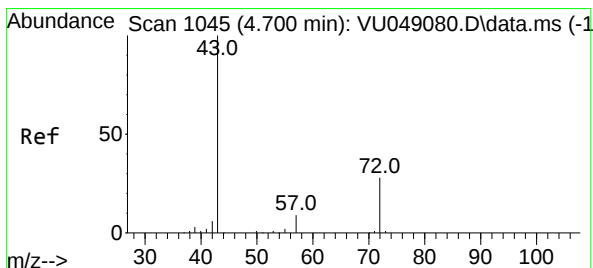
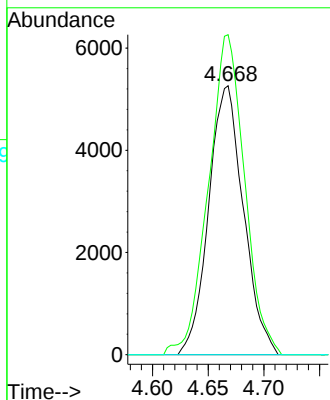
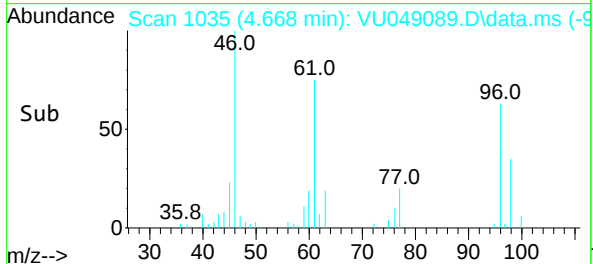
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0DK2



Tgt Ion: 96 Resp: 1142  
 Ion Ratio Lower Upper  
 96 100  
 61 119.0 91.6 170.2  
 68 0.0 0.0 0.0

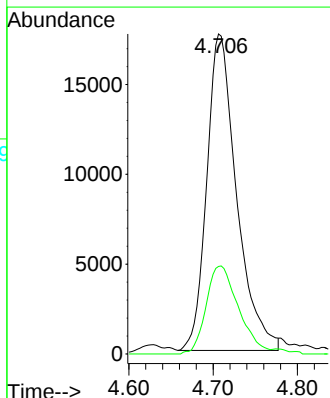
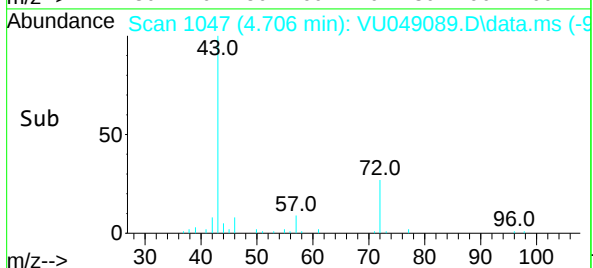
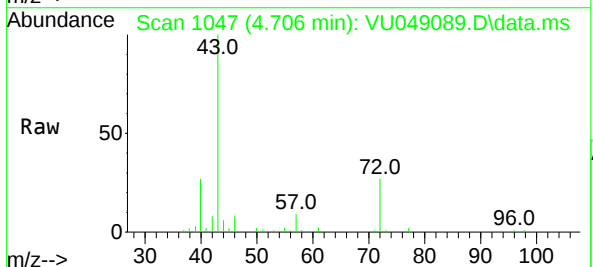
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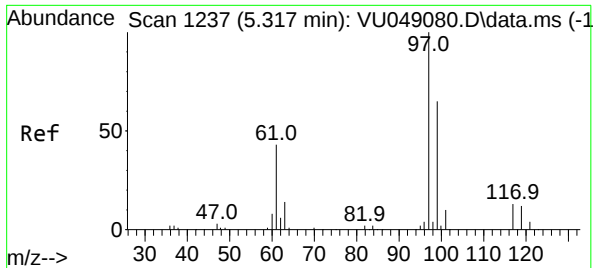
Reviewed By :Krupa Patel 06/16/2022  
 Supervised By :Mahesh Dadoda 06/16/2022



#22  
 2-Butanone  
 Concen: 21.413 ug/L  
 RT: 4.706 min Scan# 1047  
 Delta R.T. 0.006 min  
 Lab File: VU049089.D  
 Acq: 12 Jun 2022 14:25

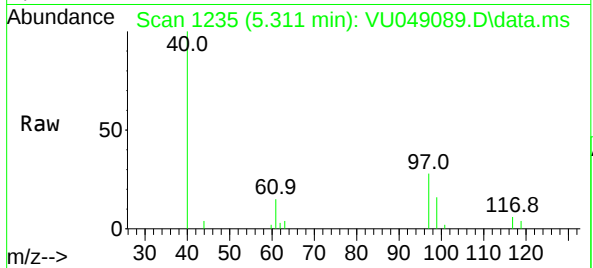
Tgt Ion: 43 Resp: 43372  
 Ion Ratio Lower Upper  
 43 100  
 72 30.1 13.7 41.0





#30  
 1,1,1-Trichloroethane  
 Concen: 1.019 ug/L m  
 RT: 5.311 min Scan# 11  
 Delta R.T. -0.007 min  
 Lab File: VU049089.D  
 Acq: 12 Jun 2022 14:25

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0DK2



Tgt Ion: 97 Resp: 336  
 Ion Ratio Lower Upper  
 97 100  
 99 58.8 50.9 76.3  
 61 39.8 34.2 51.2

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