

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111323\  
 Data File : VU056289.D  
 Acq On : 14 Nov 2023 07:23  
 Operator : MD/SY  
 Sample : 05372-19  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCDR3

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023  
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 15 00:37:13 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 15 00:09:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245          | 114  | 291136     | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412          | 117  | 296957     | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807         | 152  | 125376     | 5.000    | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.599          | 65   | 64444      | 2.959    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = | 59.200%  |        |          |
| 7) Chloroethane-d5            | 1.907          | 69   | 56983      | 3.413    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = | 68.200%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.566          | 65   | 32159      | 3.346    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = | 67.000%  |        |          |
| 20) 2-Butanone-d5             | 4.621          | 46   | 172084     | 39.631   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = | 79.260%  |        |          |
| 24) Chloroform-d              | 5.058          | 84   | 152795     | 3.628    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 72.600%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.695          | 65   | 74759      | 3.841    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 76.800%  |        |          |
| 32) Benzene-d6                | 5.724          | 84   | 293071     | 3.312    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 66.200%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.685          | 67   | 93445      | 3.504    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = | 70.000%  |        |          |
| 41) Toluene-d8                | 7.894          | 98   | 250477     | 3.206    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 64.200%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.174          | 79   | 31896      | 3.119    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 55 - 130 |      | Recovery = | 62.400%  |        |          |
| 46) 2-Hexanone-d5             | 8.631          | 63   | 136104     | 33.866   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = | 67.740%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753         | 84   | 69341      | 3.639    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = | 72.800%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190         | 152  | 88913      | 3.839    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = | 76.800%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 2.628          | 43   | 50807      | 13.738   | ug/L   | 99       |
| 14) Carbon disulfide          | 2.792          | 76   | 11982      | 0.207    | ug/L # | 87       |
| 21) 2-Butanone                | 4.724          | 43   | 9661m      | 2.013    | ug/L   |          |
| 22) cis-1,2-Dichloroethene    | 4.669          | 96   | 3388       | 0.163    | ug/L   | 82       |
| 34) Trichloroethene           | 6.541          | 95   | 13017      | 0.564    | ug/L   | 94       |
| -----                         |                |      |            |          |        |          |

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

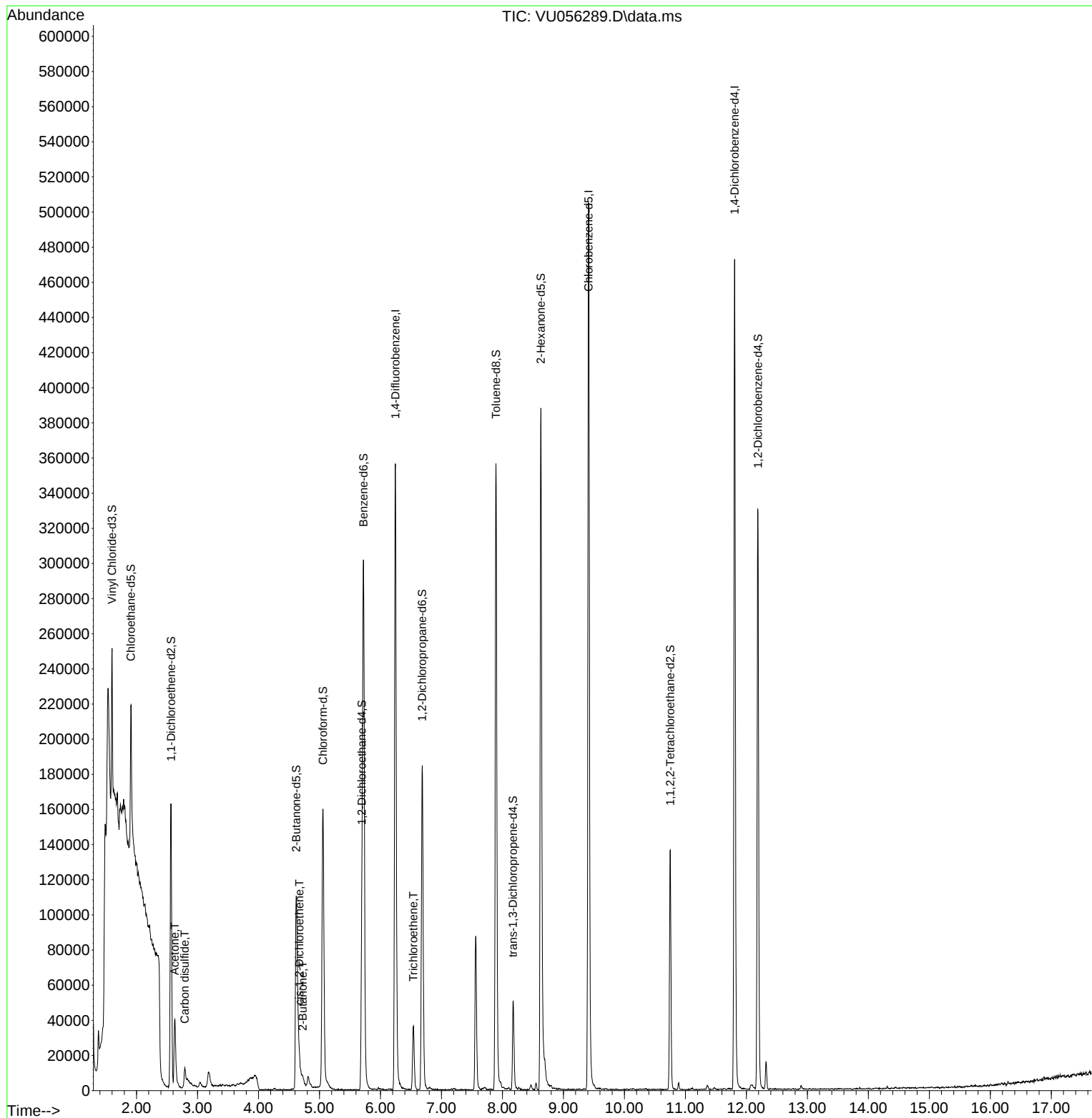
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111323\  
Data File : VU056289.D  
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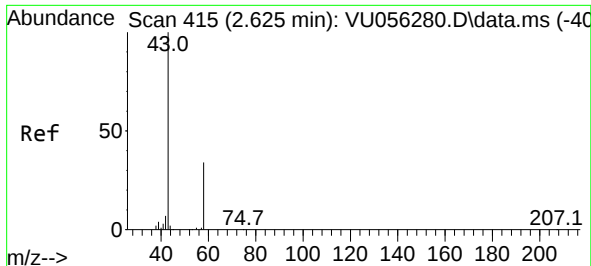
Instrument :  
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ClientSampleId :  
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Quant Time: Nov 15 00:37:13 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0  
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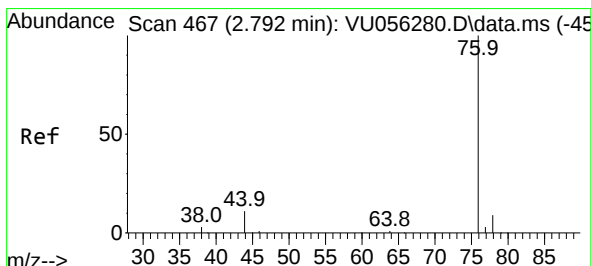
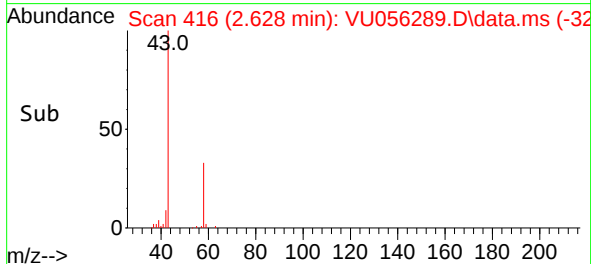
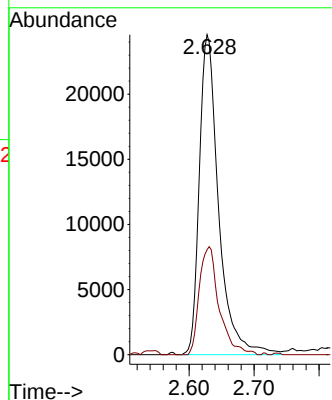
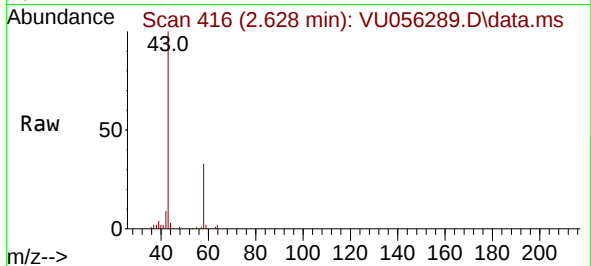
#13  
Acetone  
Concen: 13.738 ug/L  
RT: 2.628 min Scan# 415  
Delta R.T. 0.003 min  
Lab File: VU056289.D  
Acq: 14 Nov 2023 07:23

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDR3

Tgt Ion: 43 Resp: 5080  
Ion Ratio Lower Upper  
43 100  
58 34.6 0.0 70.0

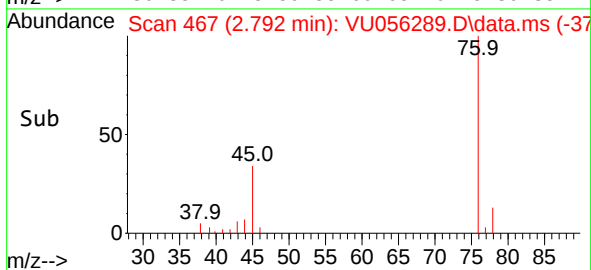
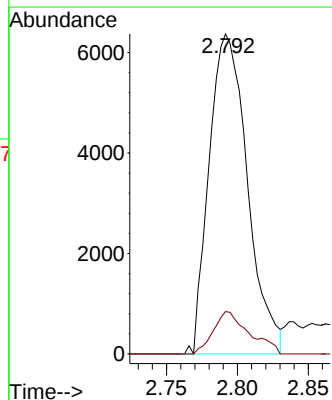
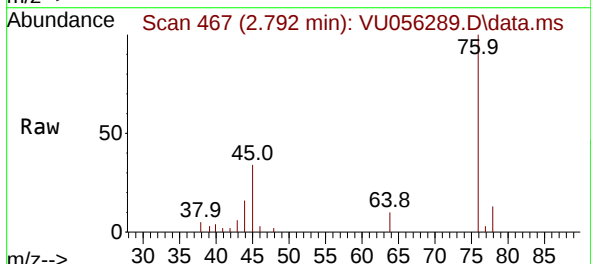
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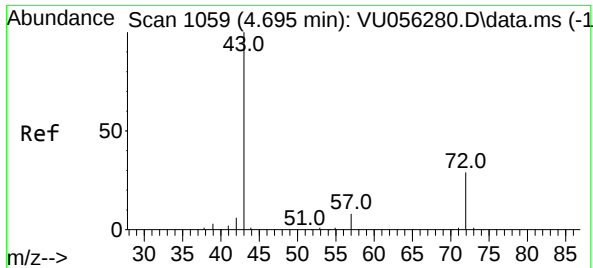
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Supervised By :Semsettin Yesilyurt 11/17/2023



#14  
Carbon disulfide  
Concen: 0.207 ug/L  
RT: 2.792 min Scan# 467  
Delta R.T. -0.000 min  
Lab File: VU056289.D  
Acq: 14 Nov 2023 07:23

Tgt Ion: 76 Resp: 11982  
Ion Ratio Lower Upper  
76 100  
78 13.2 6.8 10.2#





#21

2-Butanone

Concen: 2.013 ug/L m

RT: 4.724 min Scan# 1068

Delta R.T. 0.029 min

Lab File: VU056289.D

Acq: 14 Nov 2023 07:23

Instrument :

MSVOA\_U

ClientSampleId :

GCDR3

Tgt Ion: 43 Resp: 966

Ion Ratio Lower Upper

43 100

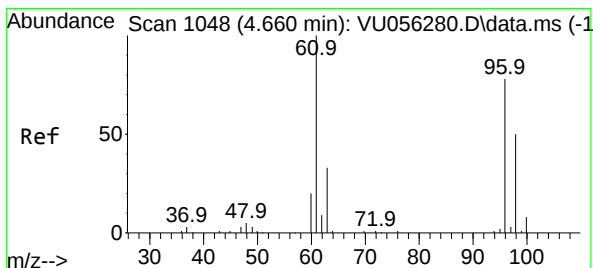
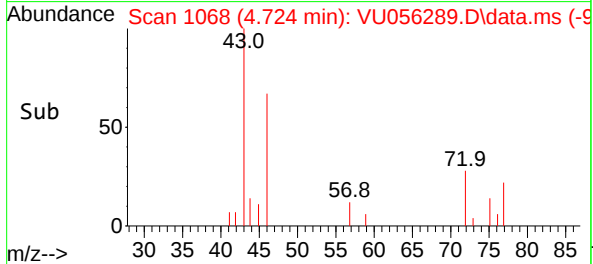
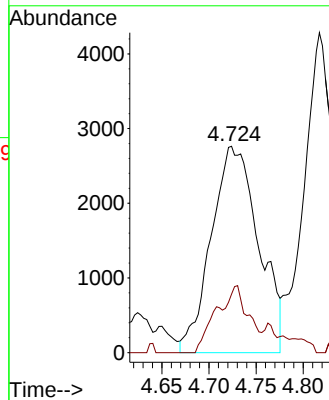
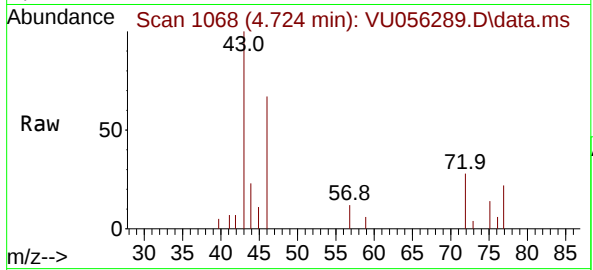
72 12.4 14.2 42.6

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 0.163 ug/L

RT: 4.669 min Scan# 1051

Delta R.T. 0.009 min

Lab File: VU056289.D

Acq: 14 Nov 2023 07:23

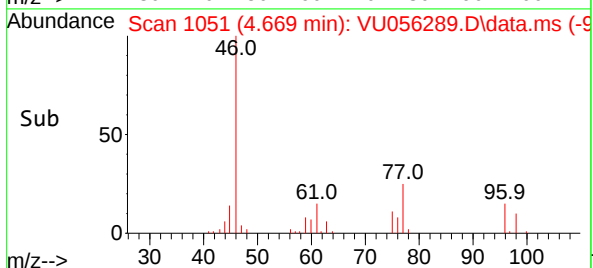
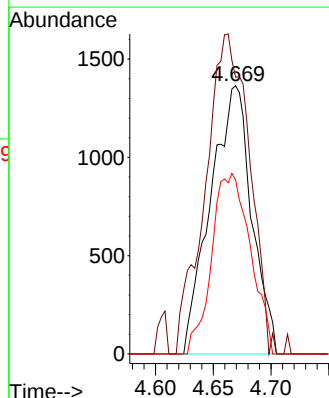
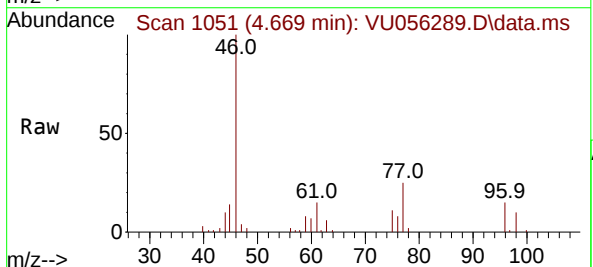
Tgt Ion: 96 Resp: 3388

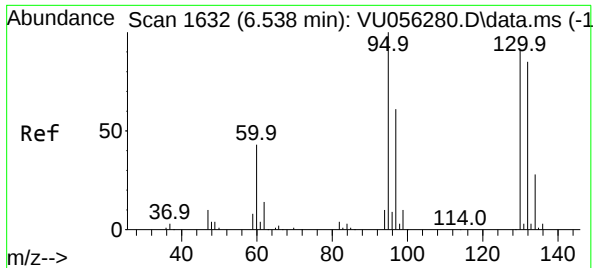
Ion Ratio Lower Upper

96 100

61 103.2 93.2 173.2

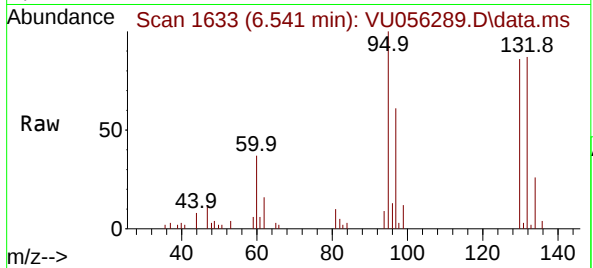
98 65.0 44.8 83.2





#34  
 Trichloroethene  
 Concen: 0.564 ug/L  
 RT: 6.541 min Scan# 1  
 Delta R.T. 0.003 min  
 Lab File: VU056289.D  
 Acq: 14 Nov 2023 07:23

Instrument :  
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Tgt Ion: 95 Resp: 1301

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 61.1  | 46.5  | 86.3  |
| 132 | 86.8  | 62.0  | 115.2 |
| 130 | 85.8  | 66.3  | 123.1 |

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