

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD091323\  
 Data File : VD077106.D  
 Acq On : 13 Sep 2023 15:51  
 Operator : JC/SY  
 Sample : 04417-02  
 Misc : 6.49G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EZYF1

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2023  
 Supervised By :Semsettin Yesilyurt 09/18/2023

Quant Time: Sep 14 02:24:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM090123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 02 01:35:39 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.775          | 114  | 253410     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.581         | 117  | 264377     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516         | 152  | 123833     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.270          | 65   | 134454     | 21.533   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 86.120%  |       |          |
| 7) Chloroethane-d5            | 2.793          | 69   | 123675     | 24.085   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 96.360%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 3.905          | 65   | 31041      | 21.884   | ug/L  | -0.01    |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 87.520%  |       |          |
| 21) 2-Butanone-d5             | 6.987          | 46   | 39606      | 50.349   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 100.700% |       |          |
| 24) Chloroform-d              | 7.569          | 84   | 32932      | 4.749    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 19.000%# |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.228          | 65   | 86681      | 26.375   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 105.480% |       |          |
| 32) Benzene-d6                | 8.199          | 84   | 315825     | 21.629   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 86.520%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 98394      | 23.497   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 94.000%  |       |          |
| 41) Toluene-d8                | 10.269         | 98   | 276625     | 20.695   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 82.800%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.522         | 79   | 38530      | 20.194   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 80.760%  |       |          |
| 47) 2-Hexanone-d5             | 10.875         | 63   | 26132      | 39.073   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 78.140%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.663         | 84   | 1301m      | 0.349    | ug/L  | 0.01     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 1.400%#  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.810         | 152  | 98795      | 24.856   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 99.440%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       |          |
| 13) Acetone                   | 4.022          | 43   | 4899       | 4.341    | ug/L  | 98       |
| 14) Carbon disulfide          | 4.264          | 76   | 31468      | 2.857    | ug/L  | 98       |
| 16) Methylene chloride        | 4.799          | 84   | 16175      | 3.136    | ug/L  | 93       |
| 25) Chloroform                | 7.599          | 83   | 126362     | 18.115   | ug/L  | 93       |
| 34) Trichloroethene           | 9.022          | 95   | 8599       | 2.042    | ug/L  | 87       |
| -----                         |                |      |            |          |       |          |

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

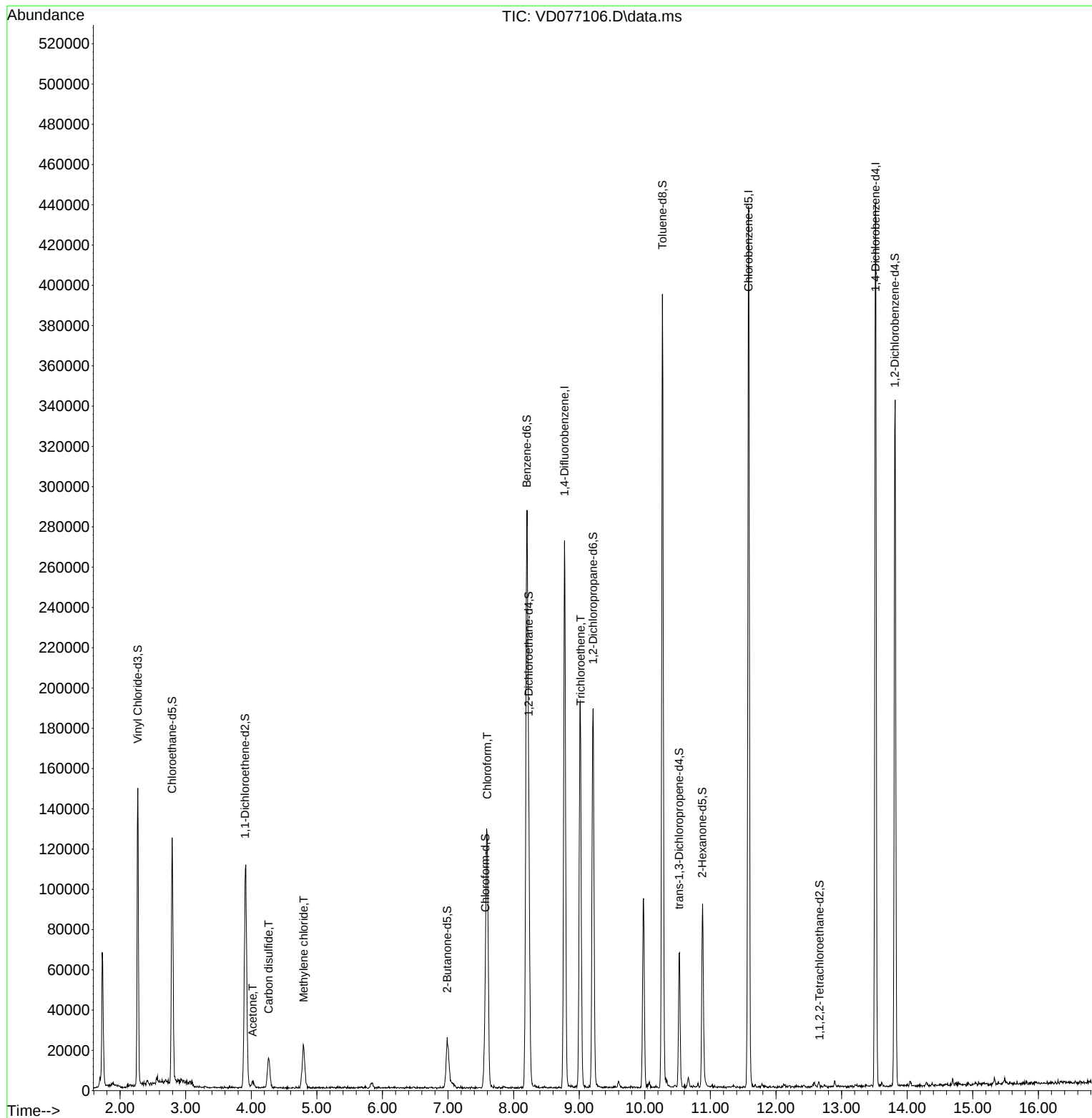
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD091323\  
Data File : VD077106.D  
Acq On : 13 Sep 2023 15:51  
Operator : JC/SY  
Sample : 04417-02  
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ALS Vial : 9 Sample Multiplier: 1

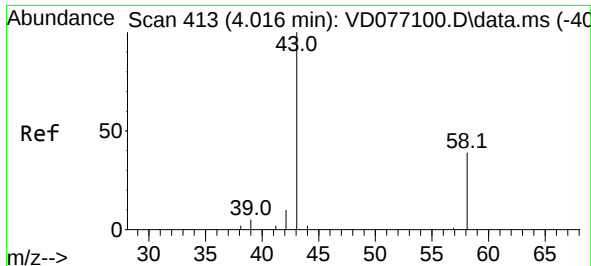
Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM090123SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Sep 02 01:35:39 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 4.341 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD077106.D

Acq: 13 Sep 2023 15:51

Instrument :

MSVOA\_D

ClientSampleId :

EZYF1

Tgt Ion: 43 Resp: 489

Ion Ratio Lower Upper

43 100

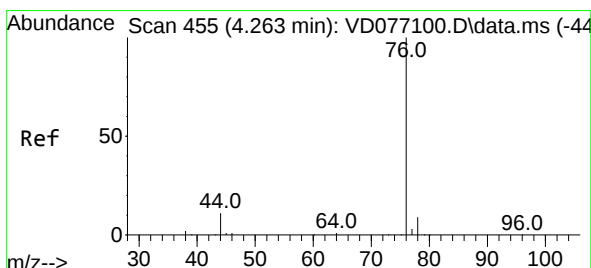
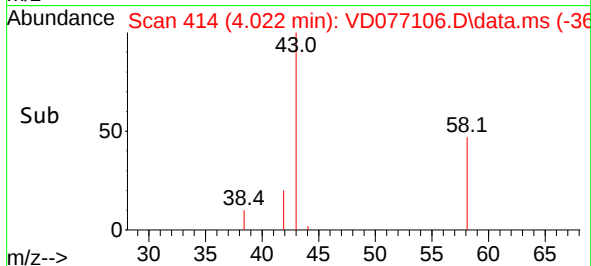
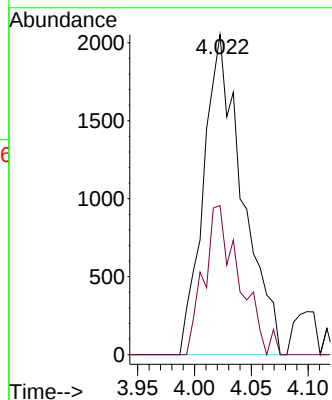
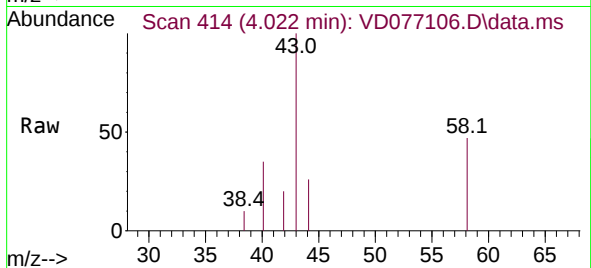
58 37.0 0.0 71.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/18/2023



#14

Carbon disulfide

Concen: 2.857 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD077106.D

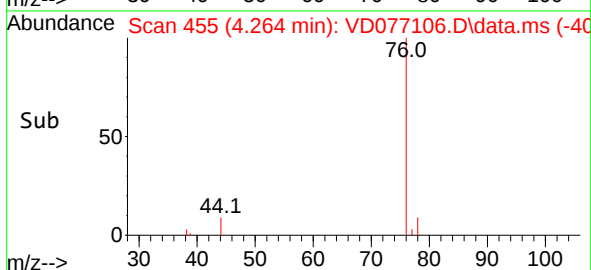
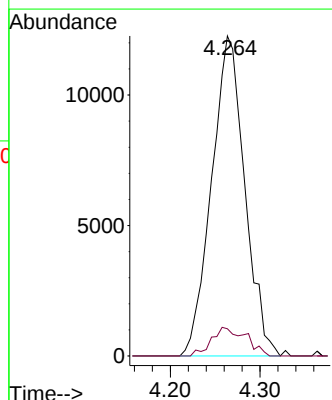
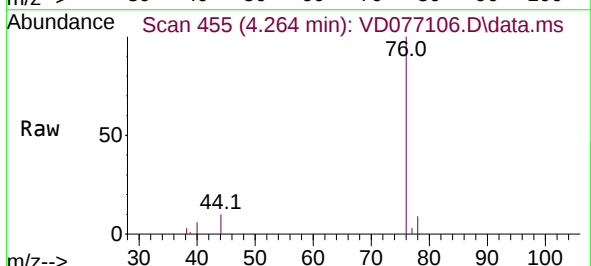
Acq: 13 Sep 2023 15:51

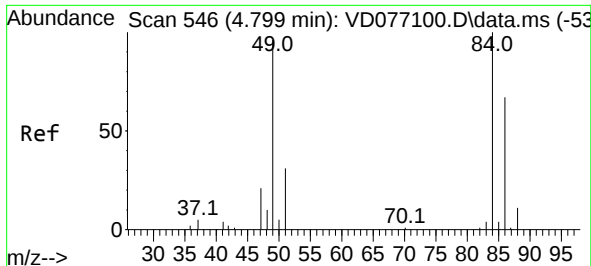
Tgt Ion: 76 Resp: 31468

Ion Ratio Lower Upper

76 100

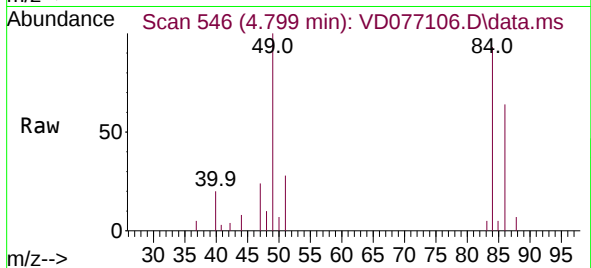
78 8.5 7.5 11.3





#16  
Methylene chloride  
Concen: 3.136 ug/L  
RT: 4.799 min Scan# 546  
Delta R.T. -0.006 min  
Lab File: VD077106.D  
Acq: 13 Sep 2023 15:51

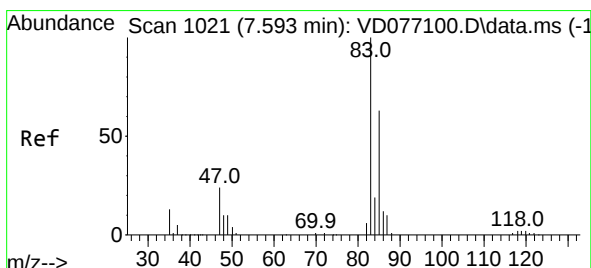
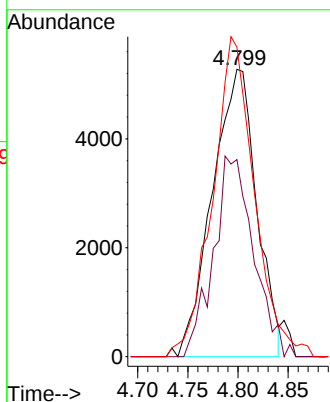
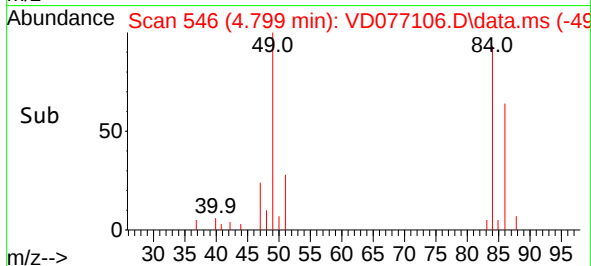
Instrument :  
MSVOA\_D  
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Tgt Ion: 84 Resp: 16179  
Ion Ratio Lower Upper  
84 100  
86 68.6 45.3 84.1  
49 107.7 69.2 128.6

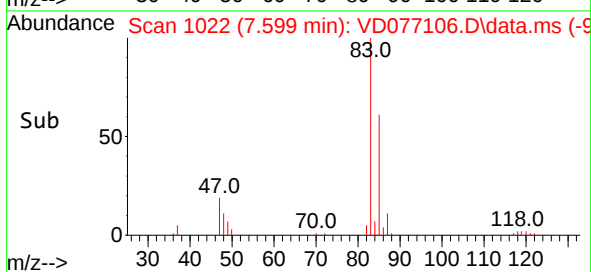
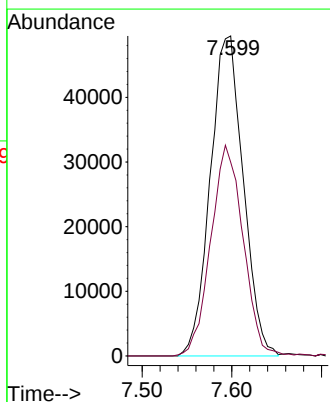
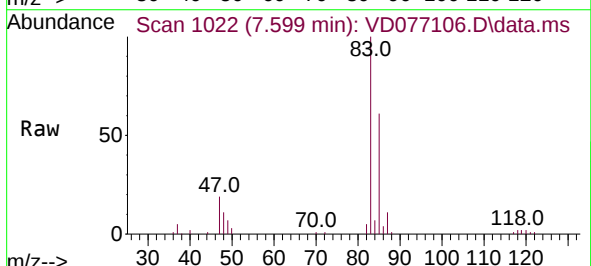
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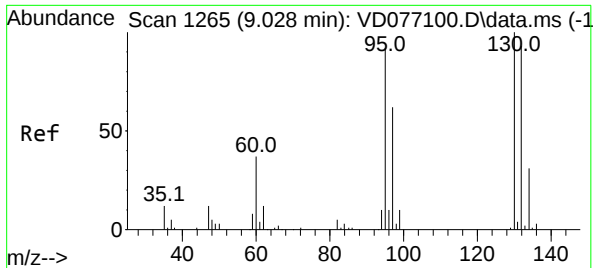
Reviewed By :Mahesh Dadoda 09/16/2023  
Supervised By :Semsettin Yesilyurt 09/18/2023



#25  
Chloroform  
Concen: 18.115 ug/L  
RT: 7.599 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: VD077106.D  
Acq: 13 Sep 2023 15:51

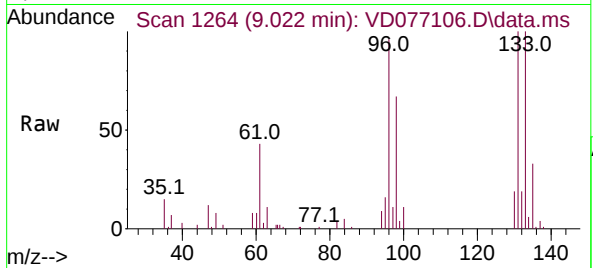
Tgt Ion: 83 Resp: 126362  
Ion Ratio Lower Upper  
83 100  
85 60.5 46.2 85.8





#34  
 Trichloroethene  
 Concen: 2.042 ug/L  
 RT: 9.022 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VD077106.D  
 Acq: 13 Sep 2023 15:51

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EZYF1



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 97      | 70.6  | 46.4  | 86.2  |
| 132     | 118.2 | 70.1  | 130.1 |
| 130     | 117.5 | 72.4  | 134.5 |

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