

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW011724\  
 Data File : VW033717.D  
 Acq On : 17 Jan 2024 14:07  
 Operator : SY/MD  
 Sample : P1121-12 10X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH8L5

Quant Time: Jan 18 00:05:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 18 00:02:20 2024  
 Response via : Initial Calibration

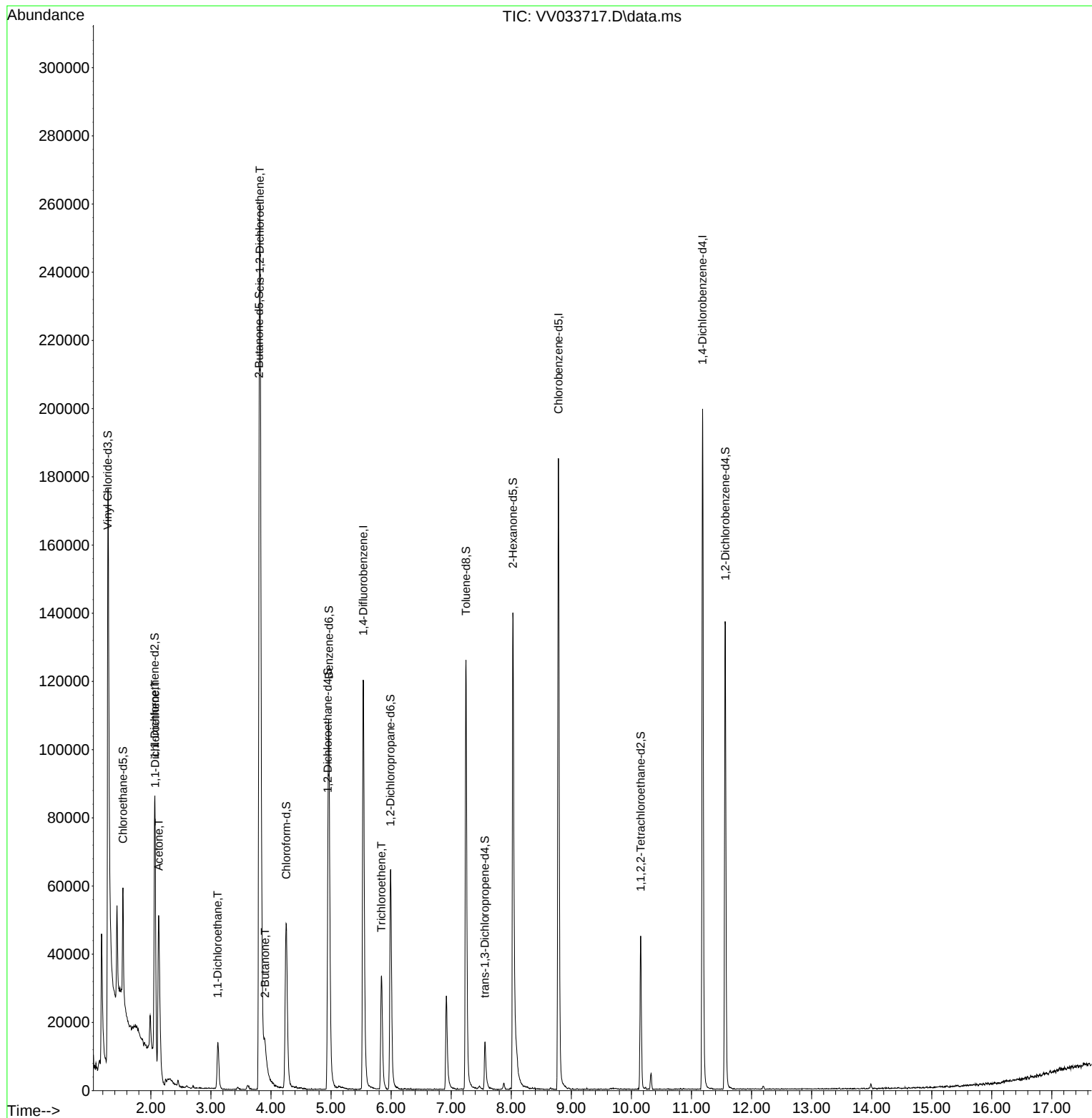
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114            | 104646   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117            | 98287    | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152            | 51221    | 5.000  | ug/L    | 0.00     |
|                               |        |                |          |        |         |          |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.282  | 65             | 20887    | 3.650  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 73.000% |          |
| 7) Chloroethane-d5            | 1.536  | 69             | 19559    | 3.854  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 77.000% |          |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 65             | 9627     | 3.733  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 74.600% |          |
| 20) 2-Butanone-d5             | 3.802  | 46             | 68359    | 48.859 | ug/L    | -0.02    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 97.720% |          |
| 24) Chloroform-d              | 4.256  | 84             | 53965    | 4.361  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 87.200% |          |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65             | 25803    | 4.650  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 93.000% |          |
| 32) Benzene-d6                | 4.963  | 84             | 96986    | 4.090  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 81.800% |          |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67             | 32133    | 4.064  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 81.200% |          |
| 41) Toluene-d8                | 7.246  | 98             | 84276    | 3.981  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 79.600% |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 9960     | 3.644  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 72.800% |          |
| 46) 2-Hexanone-d5             | 8.027  | 63             | 51880    | 48.341 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 96.680% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84             | 22111    | 4.786  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 95.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152            | 35169    | 4.472  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 89.400% |          |
|                               |        |                |          |        |         |          |
| Target Compounds              |        |                |          |        |         | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.072  | 96             | 9523     | 1.291  | ug/L #  | 53       |
| 13) Acetone                   | 2.130  | 43             | 72542    | 63.869 | ug/L    | 94       |
| 19) 1,1-Dichloroethane        | 3.114  | 63             | 14723    | 0.889  | ug/L    | 97       |
| 21) 2-Butanone                | 3.902  | 43             | 23826    | 15.112 | ug/L #  | 70       |
| 22) cis-1,2-Dichloroethene    | 3.815  | 96             | 126130   | 14.456 | ug/L    | 98       |
| 34) Trichloroethene           | 5.838  | 95             | 12724    | 1.370  | ug/L    | 98       |
| -----                         |        |                |          |        |         |          |

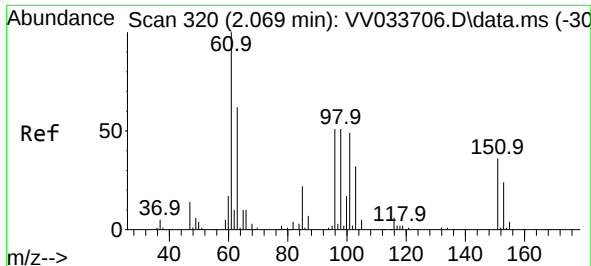
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.291 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033717.D

Acq: 17 Jan 2024 14:07

Instrument :

MSVOA\_V

ClientSampleId :

BH8L5

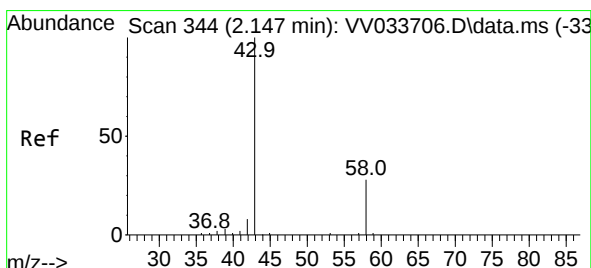
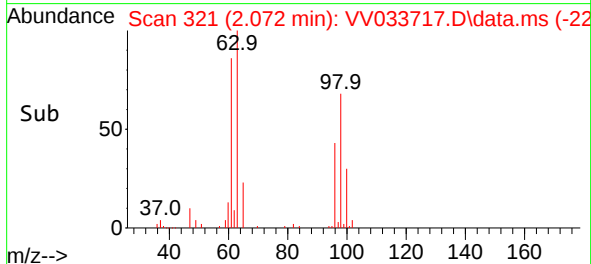
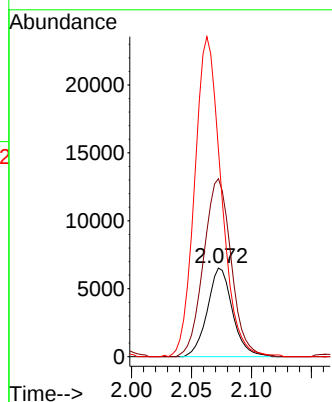
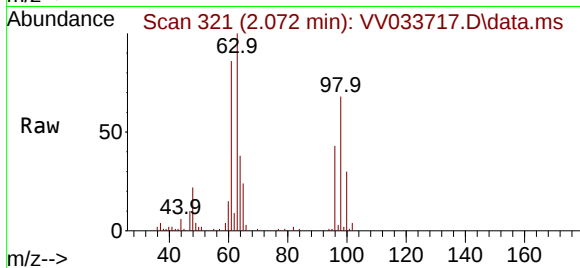
Tgt Ion: 96 Resp: 9523

Ion Ratio Lower Upper

96 100

61 200.6 133.8 248.4

63 233.4 77.2 143.4#



#13

Acetone

Concen: 63.869 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.016 min

Lab File: VV033717.D

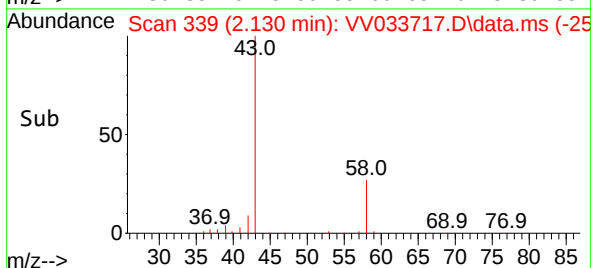
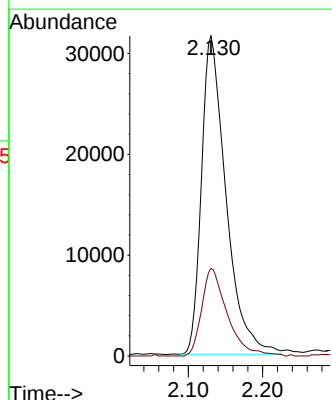
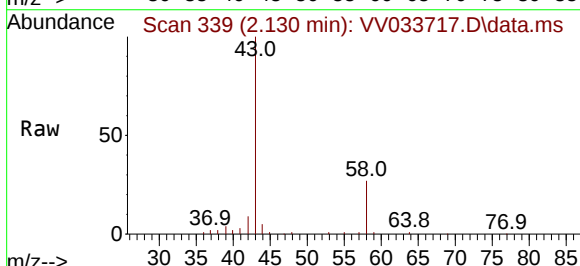
Acq: 17 Jan 2024 14:07

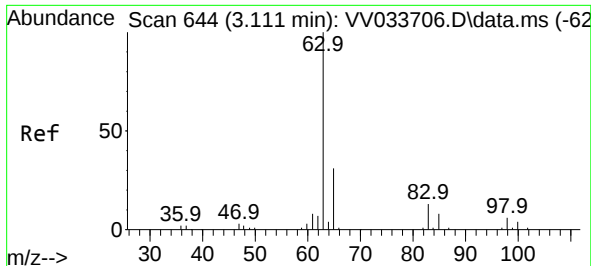
Tgt Ion: 43 Resp: 72542

Ion Ratio Lower Upper

43 100

58 28.6 0.0 51.0





#19

1,1-Dichloroethane

Concen: 0.889 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033717.D

Acq: 17 Jan 2024 14:07

Instrument :

MSVOA\_V

ClientSampleId :

BH8L5

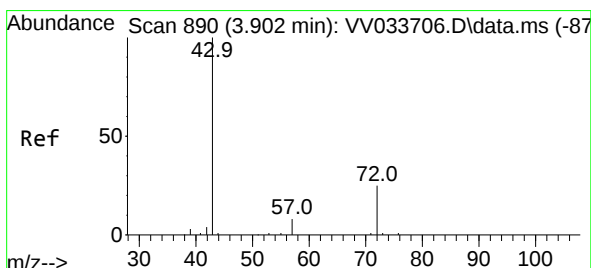
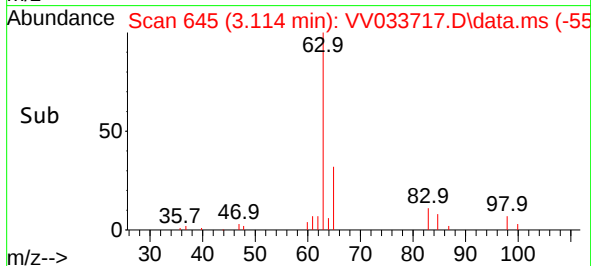
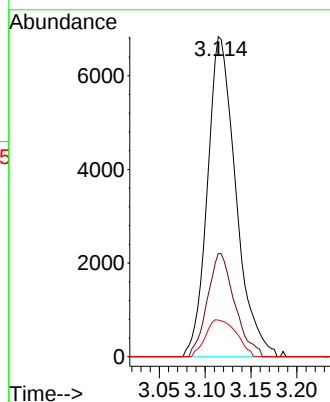
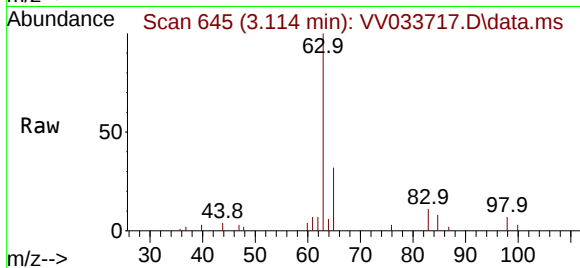
Tgt Ion: 63 Resp: 14723

Ion Ratio Lower Upper

63 100

65 32.2 21.6 40.2

83 11.5 9.1 16.9



#21

2-Butanone

Concen: 15.112 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.000 min

Lab File: VV033717.D

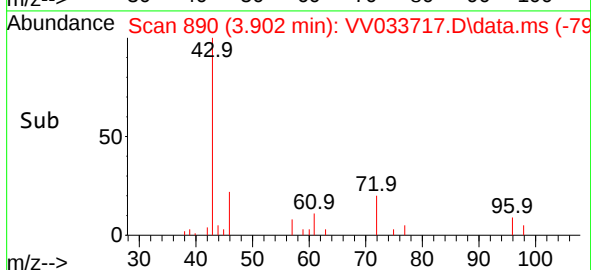
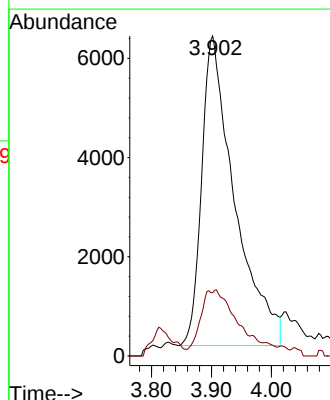
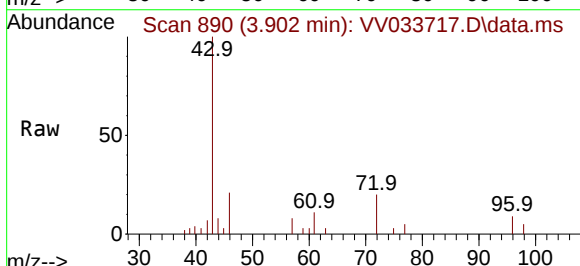
Acq: 17 Jan 2024 14:07

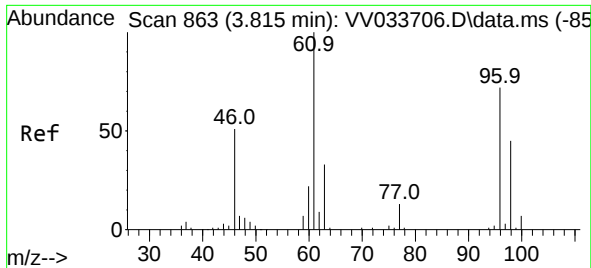
Tgt Ion: 43 Resp: 23826

Ion Ratio Lower Upper

43 100

72 7.0 10.5 31.6#

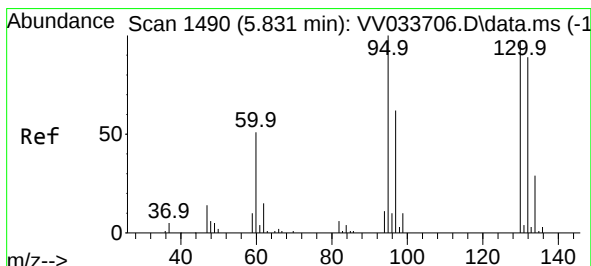
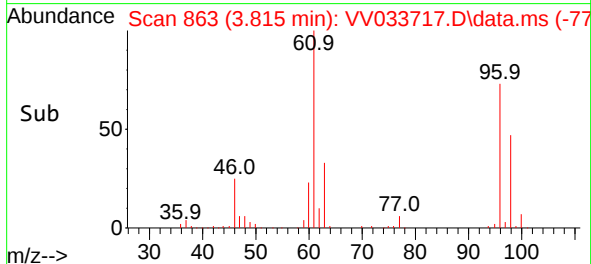
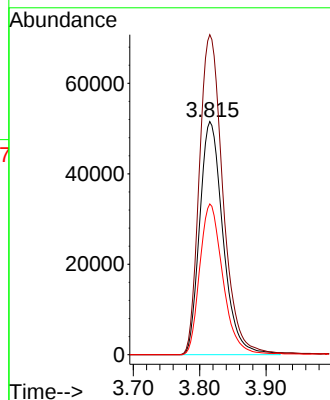
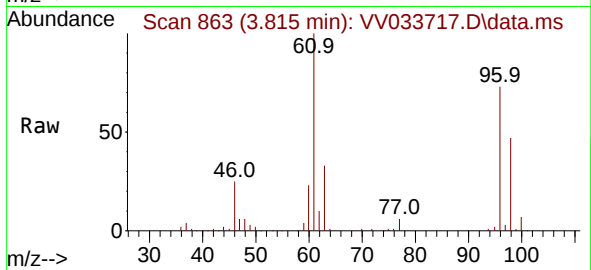




#22  
 cis-1,2-Dichloroethene  
 Concen: 14.456 ug/L  
 RT: 3.815 min Scan# 863  
 Delta R.T. -0.000 min  
 Lab File: VV033717.D  
 Acq: 17 Jan 2024 14:07

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH8L5

Tgt Ion: 96 Resp: 126130  
 Ion Ratio Lower Upper  
 96 100  
 61 137.3 97.1 180.3  
 98 64.7 42.6 79.0



#34  
 Trichloroethene  
 Concen: 1.370 ug/L  
 RT: 5.838 min Scan# 1492  
 Delta R.T. 0.006 min  
 Lab File: VV033717.D  
 Acq: 17 Jan 2024 14:07

Tgt Ion: 95 Resp: 12724  
 Ion Ratio Lower Upper  
 95 100  
 97 63.9 45.1 83.9  
 132 88.4 65.2 121.2  
 130 95.2 66.0 122.6

