

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072823\  
 Data File : VW031778.D  
 Acq On : 28 Jul 2023 10:53  
 Operator : SY/MD  
 Sample : 03754-17  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH2Z3

Quant Time: Jul 28 22:39:47 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 28 22:38:33 2023  
 Response via : Initial Calibration

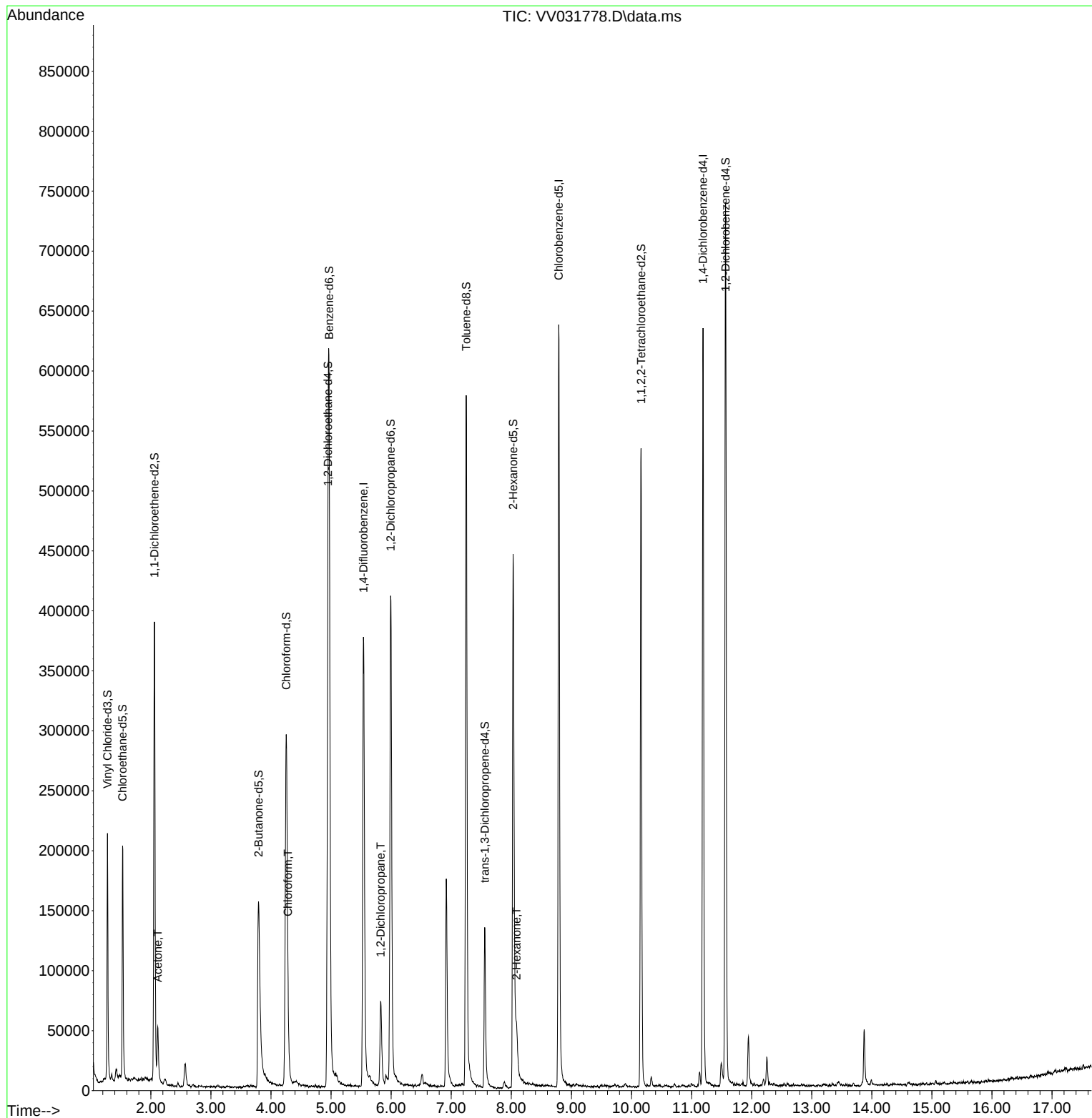
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.539          | 114  | 310887     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789          | 117  | 340825     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191         | 152  | 155579     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 133855     | 42.235   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 84.460%  |        |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 134307     | 46.243   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 92.480%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 67044      | 45.701   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 91.400%  |        |          |
| 21) 2-Butanone-d5             | 3.793          | 46   | 242397     | 110.531  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 110.530% |        |          |
| 24) Chloroform-d              | 4.252          | 84   | 320704     | 49.219   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.440%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.947          | 65   | 211643     | 52.203   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 104.400% |        |          |
| 32) Benzene-d6                | 4.966          | 84   | 516496     | 47.857   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.720%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.992          | 67   | 206365     | 50.903   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 101.800% |        |          |
| 41) Toluene-d8                | 7.249          | 98   | 402004     | 44.439   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 88.880%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 79187      | 45.443   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 90.880%  |        |          |
| 47) 2-Hexanone-d5             | 8.030          | 63   | 145848     | 95.936   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 95.940%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159         | 84   | 261597     | 46.832   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 93.660%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567         | 152  | 181129     | 57.501   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 115.000% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 2.114          | 43   | 41039      | 19.551   | ug/L   | 97       |
| 25) Chloroform                | 4.281          | 83   | 15323      | 2.345    | ug/L   | 87       |
| 37) 1,2-Dichloropropane       | 5.825          | 63   | 4511       | 1.267    | ug/L   | 99       |
| 48) 2-Hexanone                | 8.088          | 43   | 27224      | 7.525    | ug/L # | 85       |
| -----                         |                |      |            |          |        |          |

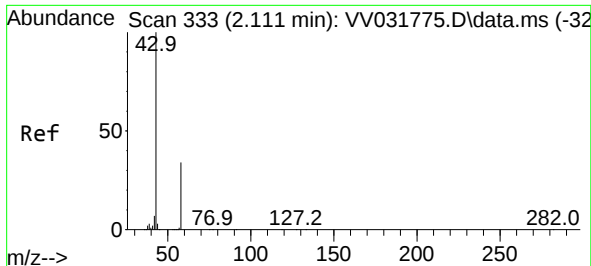
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Jul 28 22:38:33 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 19.551 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031778.D

Acq: 28 Jul 2023 10:53

Instrument :

MSVOA\_V

ClientSampleId :

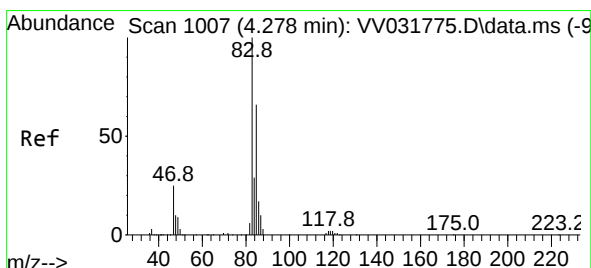
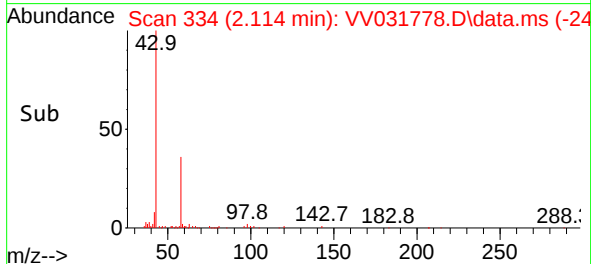
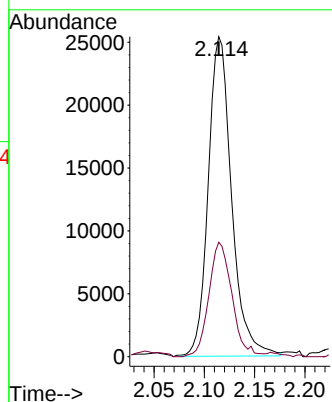
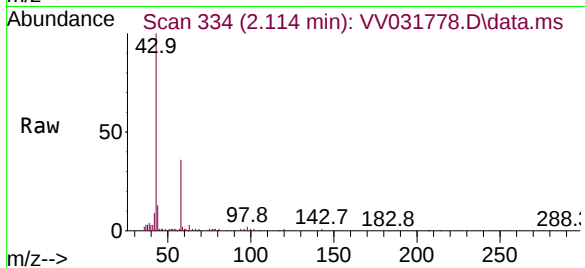
BH2Z3

Tgt Ion: 43 Resp: 41039

Ion Ratio Lower Upper

43 100

58 34.5 0.0 72.0



#25

Chloroform

Concen: 2.345 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV031778.D

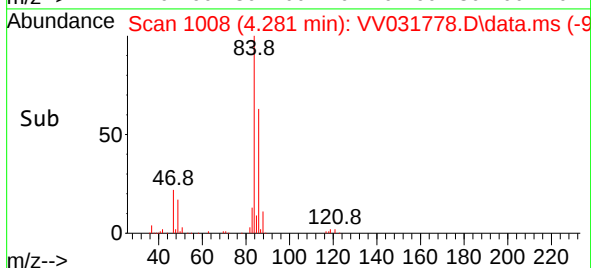
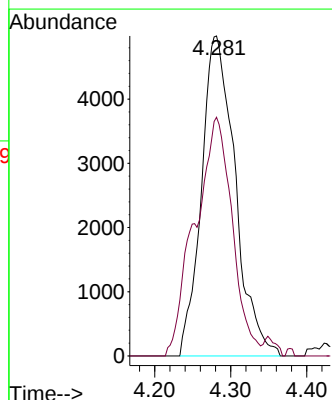
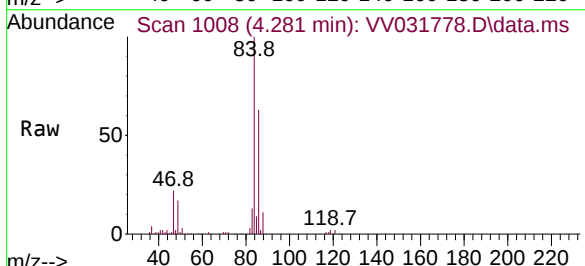
Acq: 28 Jul 2023 10:53

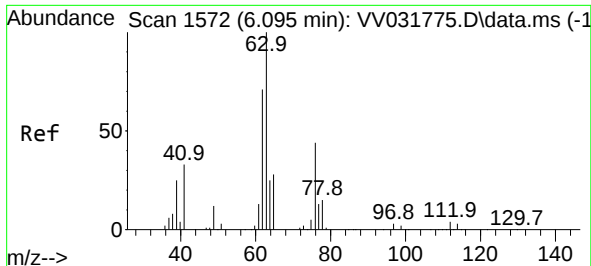
Tgt Ion: 83 Resp: 15323

Ion Ratio Lower Upper

83 100

85 74.6 45.1 83.9





#37

1,2-Dichloropropane

Concen: 1.267 ug/L

RT: 5.825 min Scan# 14

Delta R.T. -0.270 min

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Acq: 28 Jul 2023 10:53

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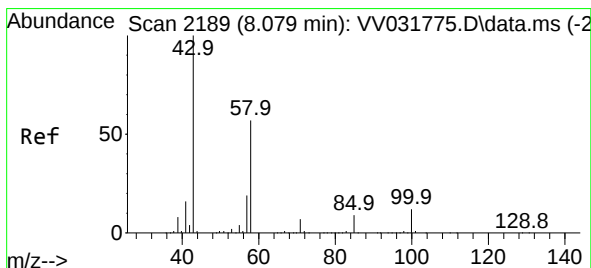
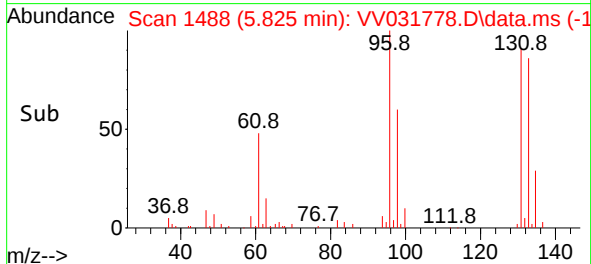
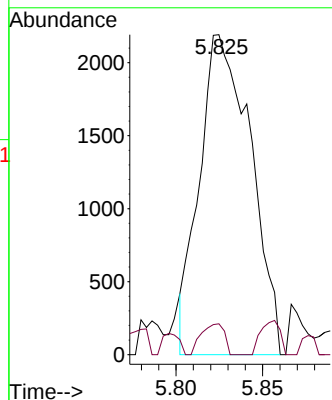
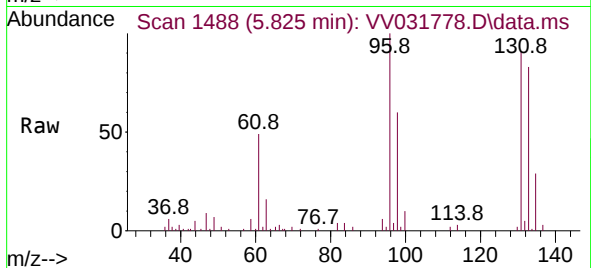
BH2Z3

Tgt Ion: 63 Resp: 4511

Ion Ratio Lower Upper

63 100

112 4.3 3.7 5.5



#48

2-Hexanone

Concen: 7.525 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.010 min

Lab File: VV031778.D

Acq: 28 Jul 2023 10:53

Tgt Ion: 43 Resp: 27224

Ion Ratio Lower Upper

43 100

58 46.5 46.3 69.5

57 18.5 16.8 25.2

100 1.8 9.8 14.8#

