

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032824\  
 Data File : VV034887.D  
 Acq On : 28 Mar 2024 15:34  
 Operator : SY/MD  
 Sample : P1886-22  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E07B8

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024  
 Supervised By :Semsettin Yesilyurt 03/29/2024

Quant Time: Mar 29 00:25:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 29 00:23:40 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 355355     | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 348030     | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 161485     | 50.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 160872     | 46.876  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 93.760% |       |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 140474     | 47.126  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 94.260% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.059          | 65   | 72752      | 48.361  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 96.720% |       |          |
| 21) 2-Butanone-d5             | 3.789          | 46   | 156174     | 76.730  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 76.730% |       |          |
| 24) Chloroform-d              | 4.246          | 84   | 252213m    | 43.711  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.420% |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 159927     | 43.656  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.320% |       |          |
| 32) Benzene-d6                | 4.956          | 84   | 526467     | 45.034  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.060% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 162905     | 43.882  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 87.760% |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 461065     | 43.793  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.580% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.554          | 79   | 70591      | 39.115  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 78.220% |       |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 98392      | 70.102  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 70.100% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 208643     | 40.813  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 81.620% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.557         | 152  | 165287     | 45.588  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 91.180% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 25) Chloroform                | 4.272          | 83   | 27336      | 5.229   | ug/L  | 97       |
| 38) Bromodichloromethane      | 6.442          | 83   | 4582       | 1.132   | ug/L  | 98       |
| -----                         |                |      |            |         |       |          |

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

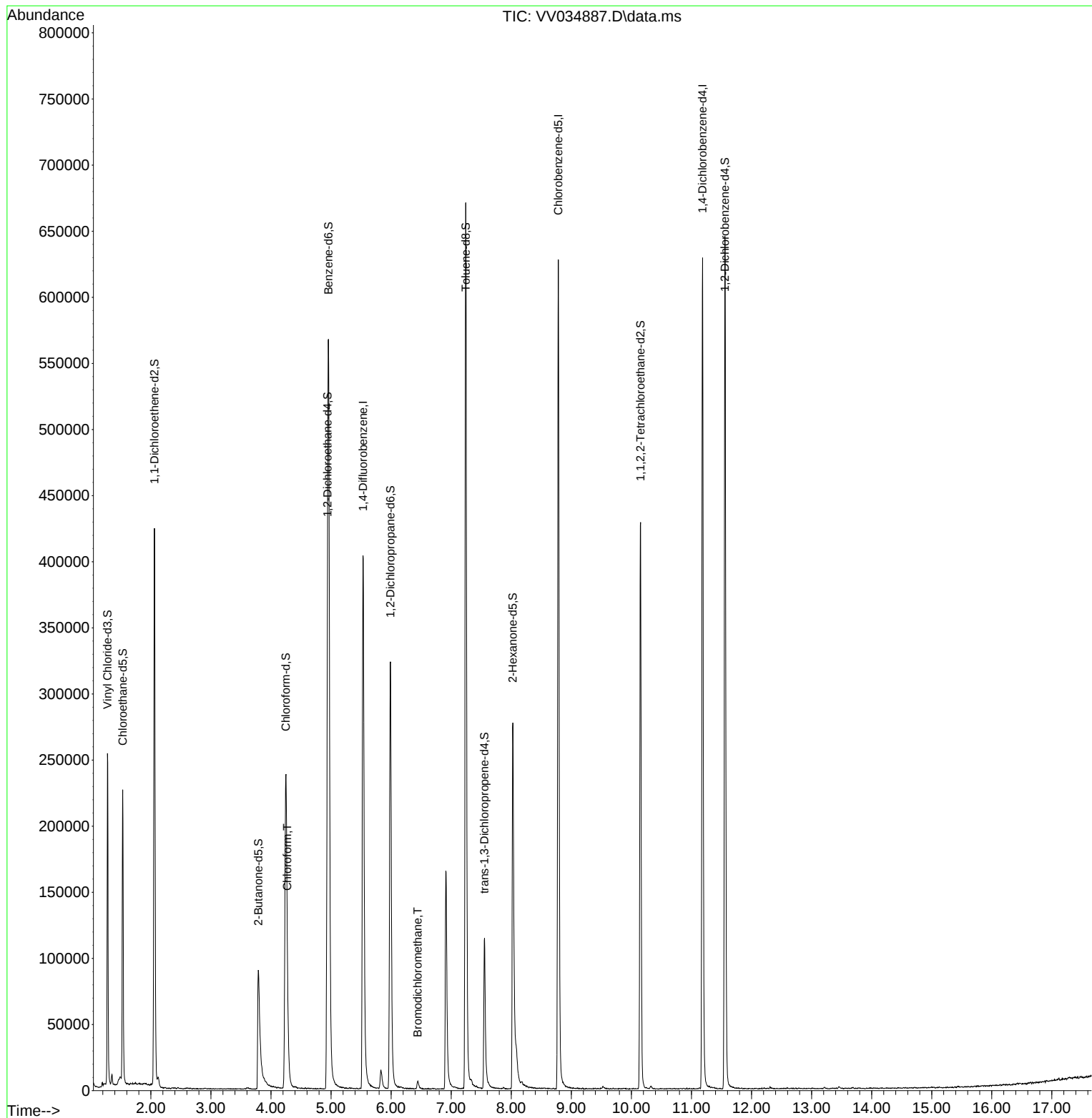
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032824\  
Data File : VV034887.D  
Acq On : 28 Mar 2024 15:34  
Operator : SY/MD  
Sample : P1886-22  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 12 Sample Multiplier: 1

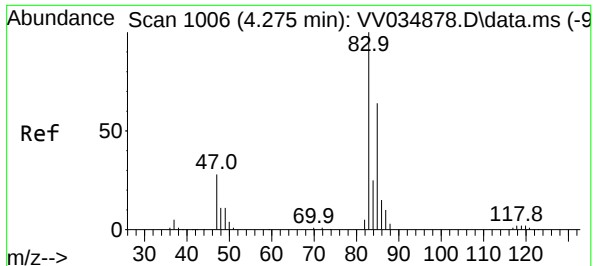
Instrument :  
MSVOA\_V  
ClientSampleId :  
E07B8

Quant Time: Mar 29 00:25:55 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Mar 29 00:23:40 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024  
Supervised By :Semsettin Yesilyurt 03/29/2024





#25

Chloroform

Concen: 5.229 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.003 min

Lab File: VV034887.D

Acq: 28 Mar 2024 15:34

Instrument :

MSVOA\_V

ClientSampleId :

E07B8

Tgt Ion: 83 Resp: 2733

Ion Ratio Lower Upper

83 100

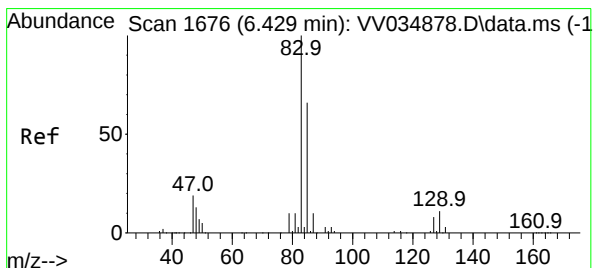
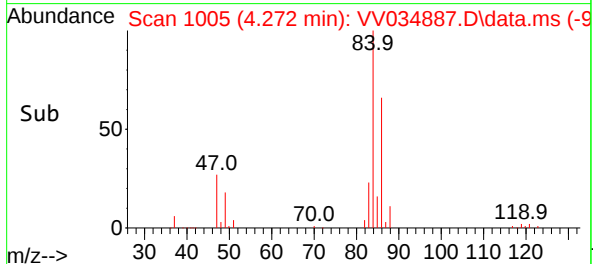
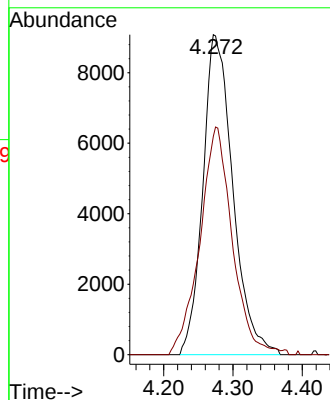
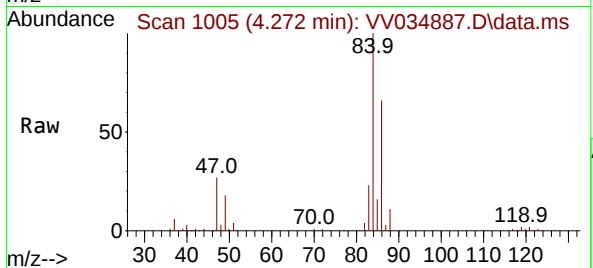
85 68.2 46.0 85.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024

Supervised By :Semsettin Yesilyurt 03/29/2024



#38

Bromodichloromethane

Concen: 1.132 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.013 min

Lab File: VV034887.D

Acq: 28 Mar 2024 15:34

Tgt Ion: 83 Resp: 4582

Ion Ratio Lower Upper

83 100

85 61.0 43.7 81.1

127 9.1 6.4 9.6

