

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102523\  
 Data File : VW032637.D  
 Acq On : 25 Oct 2023 16:48  
 Operator : SY/MD  
 Sample : 04962-14  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COALO

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 10/26/2023  
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 26 05:04:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 26 04:59:52 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 97533    | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 111606   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 49301    | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 32043    | 4.040    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 80.800%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 31383    | 4.874    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 97.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 12305    | 3.678    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 73.600%  |
| 20) 2-Butanone-d5             | 3.815  | 46    | 77565    | 38.655   | ug/L  | -0.01    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 77.320%  |
| 24) Chloroform-d              | 4.256  | 84    | 58035m   | 4.147    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 83.000%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 30204    | 4.557    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 91.200%  |
| 32) Benzene-d6                | 4.963  | 84    | 115379   | 3.513    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 70.200%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 37101    | 3.410    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 68.200%  |
| 41) Toluene-d8                | 7.246  | 98    | 104847   | 3.491    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 69.800%# |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 13462    | 3.492    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 69.800%  |
| 46) 2-Hexanone-d5             | 8.031  | 63    | 64823    | 35.733   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 71.460%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 31451    | 4.133    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 82.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 39547    | 4.323    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 86.400%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 2.452  | 84    | 2315     | 0.248    | ug/L  | 97       |
| 25) Chloroform                | 4.285  | 83    | 11418    | 0.755    | ug/L  | 96       |
| -----                         |        |       |          |          |       |          |

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

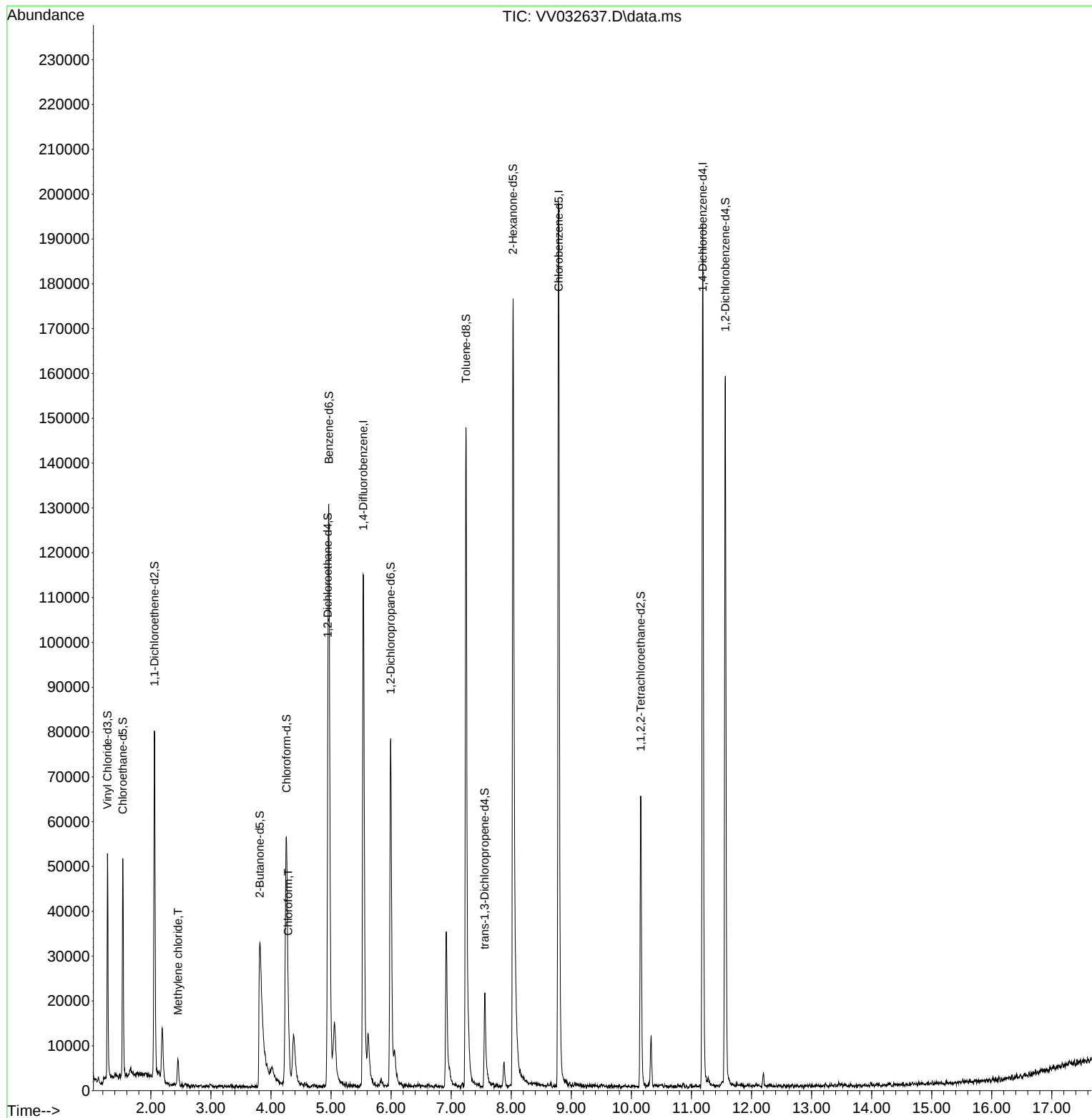
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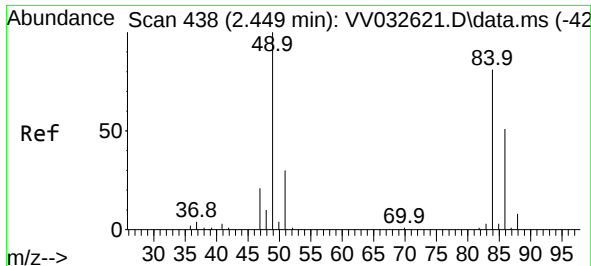
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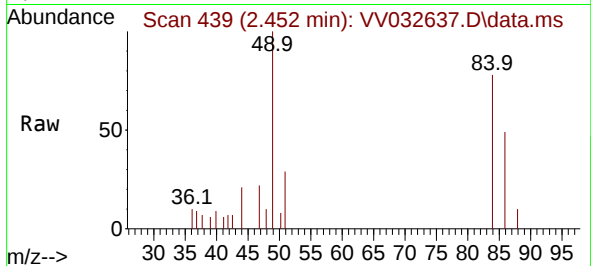
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Oct 26 04:59:52 2023  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 0.248 ug/L  
RT: 2.452 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV032637.D  
Acq: 25 Oct 2023 16:48

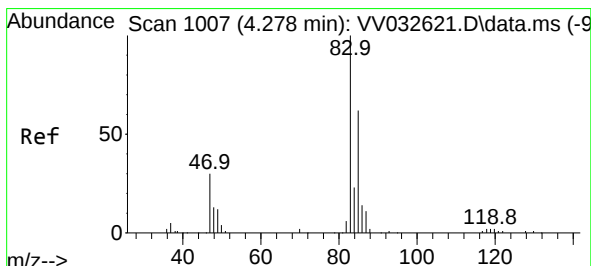
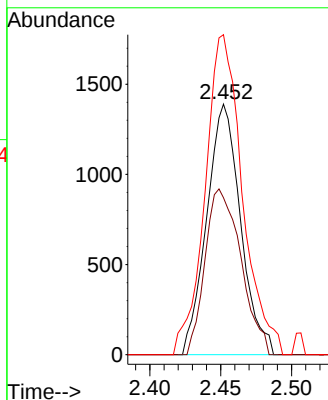
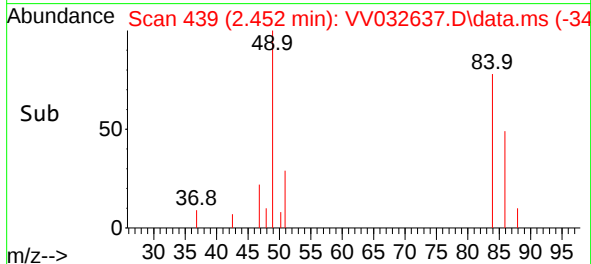
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ClientSampleId :  
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Tgt Ion: 84 Resp: 231  
Ion Ratio Lower Upper  
84 100  
86 62.7 43.2 80.2  
49 127.7 86.3 160.3

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#25  
Chloroform  
Concen: 0.755 ug/L  
RT: 4.285 min Scan# 1009  
Delta R.T. 0.007 min  
Lab File: VV032637.D  
Acq: 25 Oct 2023 16:48

Tgt Ion: 83 Resp: 11418  
Ion Ratio Lower Upper  
83 100  
85 67.7 45.4 84.4

