

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102323\  
 Data File : VV032575.D  
 Acq On : 23 Oct 2023 17:05  
 Operator : SY/MD  
 Sample : 05043-01DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0B19DL

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 10/26/2023  
 Supervised By :Semsettin Yesilyurt 10/26/2023

Quant Time: Oct 24 04:48:14 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 21 02:44:24 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.538  | 114            | 84891    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117            | 100208   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152            | 41557    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65             | 24806    | 3.593  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 71.800%  |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 25103    | 4.479  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 89.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.056  | 65             | 9838     | 3.379  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 67.600%  |          |
| 20) 2-Butanone-d5             | 3.825  | 46             | 89877    | 51.461 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 102.920% |          |
| 24) Chloroform-d              | 4.252  | 84             | 51557    | 4.233  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 84.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65             | 29929    | 5.188  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 103.800% |          |
| 32) Benzene-d6                | 4.963  | 84             | 94431    | 3.203  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 64.000%# |          |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67             | 38324m   | 3.923  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 78.400%  |          |
| 41) Toluene-d8                | 7.246  | 98             | 79109    | 2.934  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 58.600%# |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 12518    | 3.616  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 72.400%  |          |
| 46) 2-Hexanone-d5             | 8.034  | 63             | 79401    | 48.748 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 97.500%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84             | 34163    | 5.000  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 100.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152            | 33300    | 4.318  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 86.400%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
| 16) Methylene chloride        | 2.449  | 84             | 2311     | 0.285  | ug/L     | 86       |
| 47) Tetrachloroethene         | 7.908  | 164            | 29380    | 4.022  | ug/L     | 99       |
| -----                         |        |                |          |        |          |          |

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

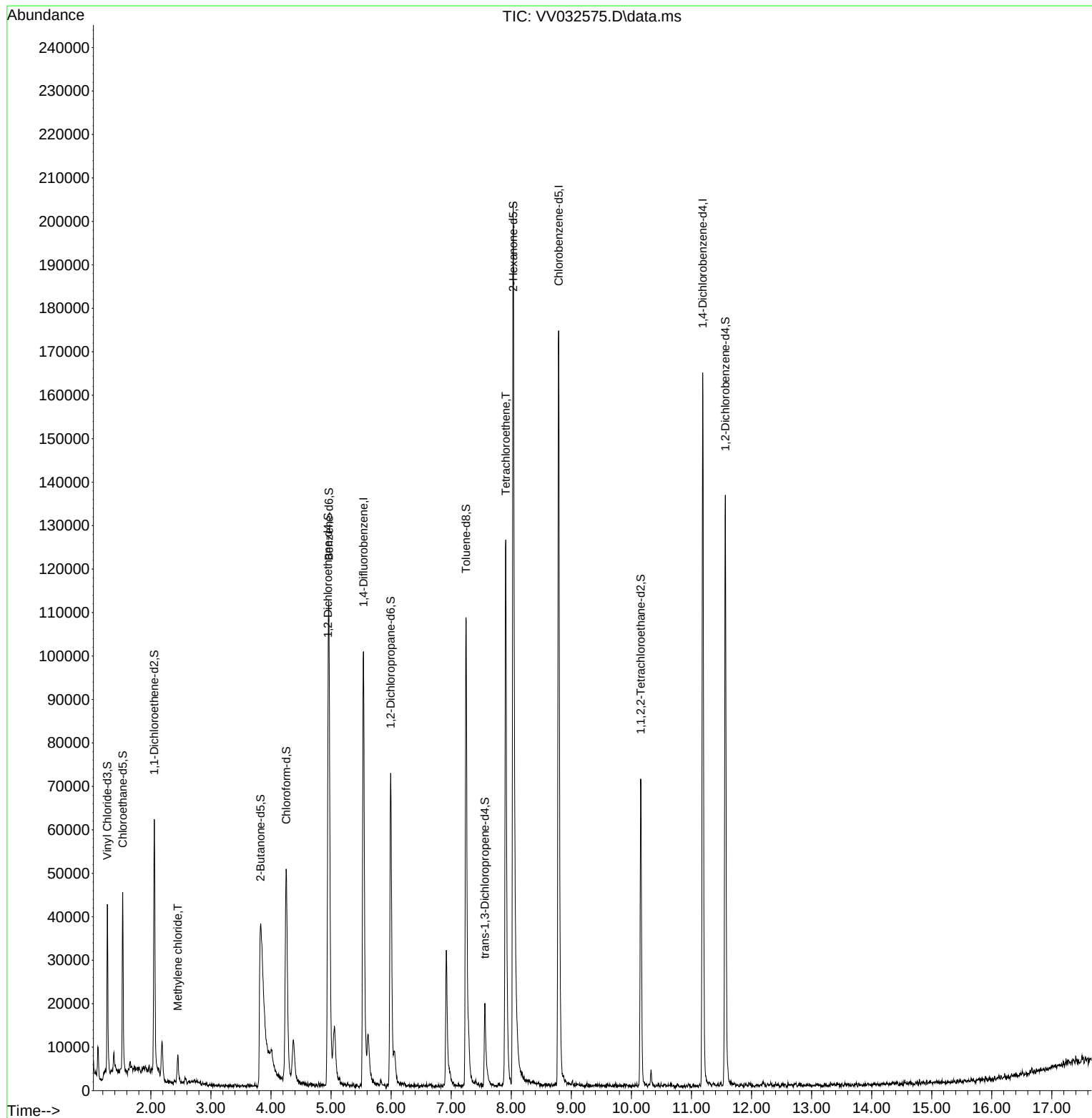
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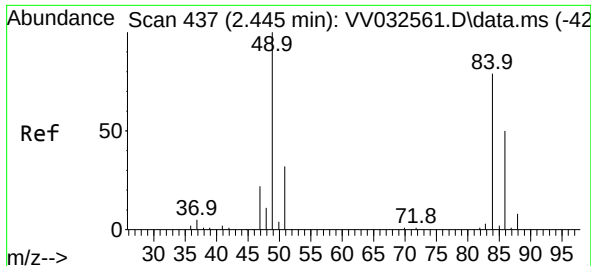
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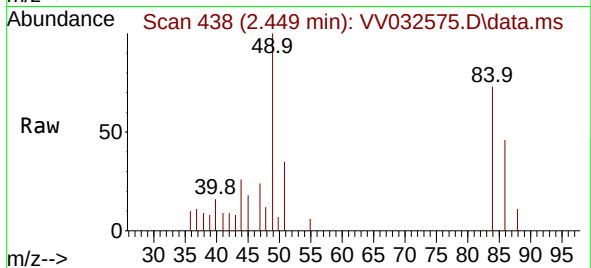
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QLast Update : Sat Oct 21 02:44:24 2023  
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#16  
Methylene chloride  
Concen: 0.285 ug/L  
RT: 2.449 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV032575.D  
Acq: 23 Oct 2023 17:05

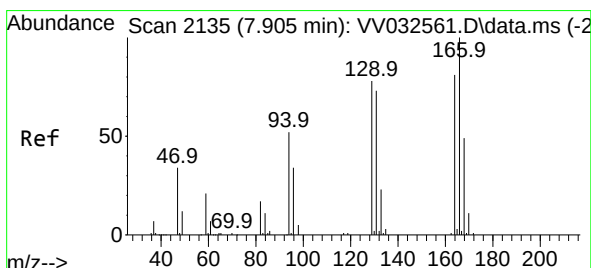
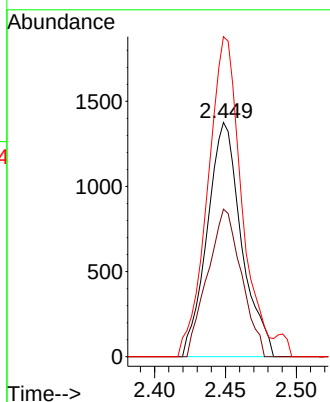
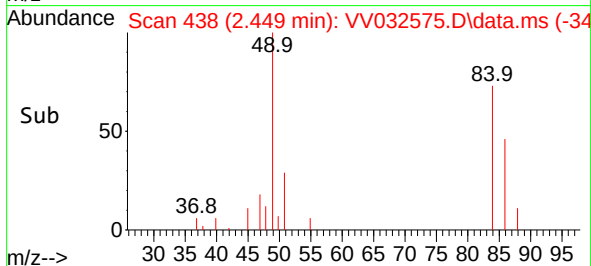
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Tgt Ion: 84 Resp: 231  
Ion Ratio Lower Upper  
84 100  
86 63.0 43.2 80.2  
49 145.8 86.3 160.3

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#47  
Tetrachloroethene  
Concen: 4.022 ug/L  
RT: 7.908 min Scan# 2136  
Delta R.T. -0.000 min  
Lab File: VV032575.D  
Acq: 23 Oct 2023 17:05

Tgt Ion:164 Resp: 29380  
Ion Ratio Lower Upper  
164 100  
129 93.2 66.4 123.4  
131 91.0 63.7 118.3  
166 125.0 87.9 163.3

