

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100923\  
 Data File : VV032335.D  
 Acq On : 09 Oct 2023 17:49  
 Operator : SY/MD  
 Sample : 04748-05DL 40X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 10 04:52:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 07 05:00:49 2023  
 Response via : Initial Calibration

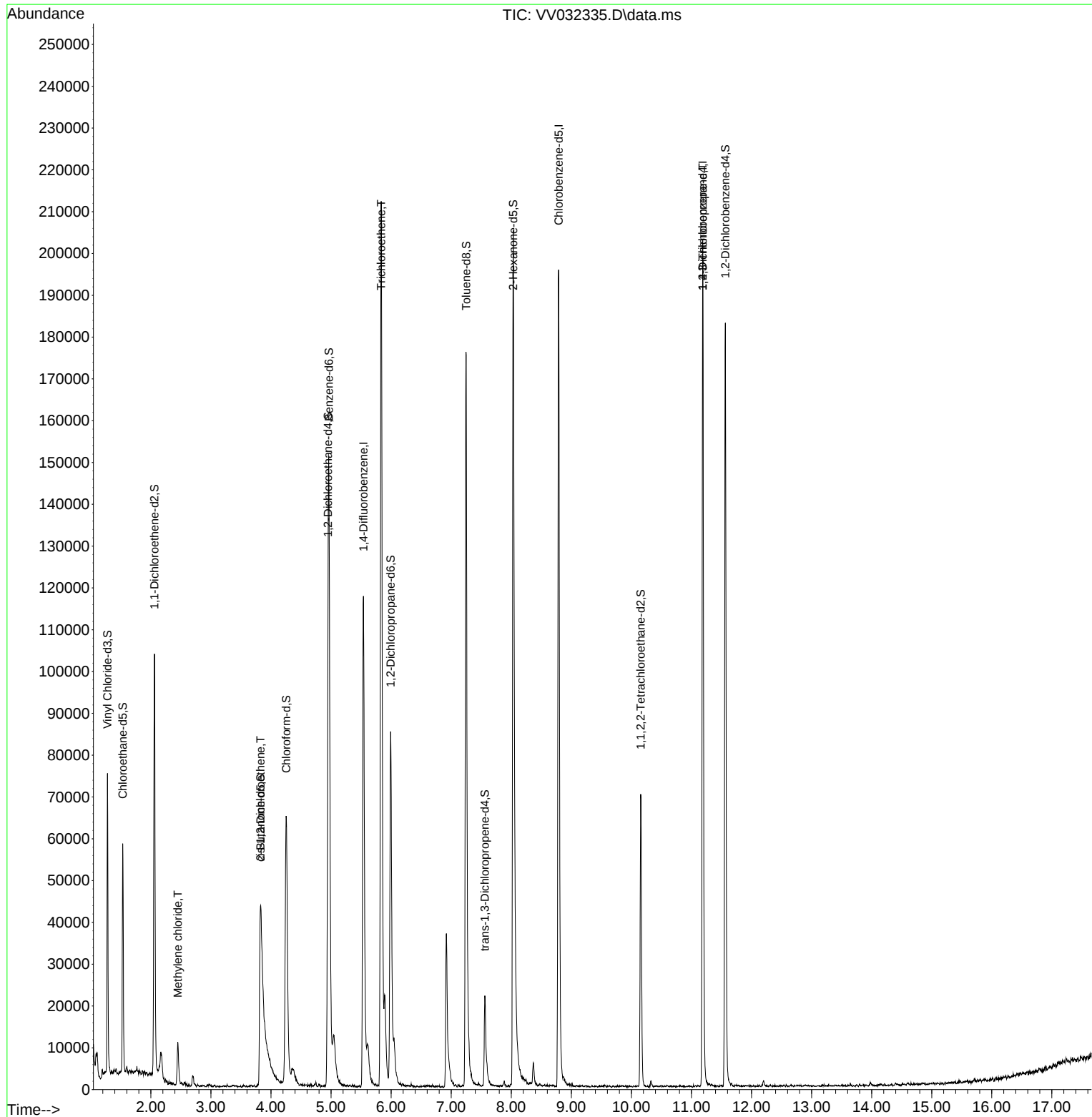
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114   | 103997   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 112493   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 51487    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 45234    | 5.348    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 107.000% |
| 7) Chloroethane-d5            | 1.532  | 69    | 35725    | 5.203    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 104.000% |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 17278    | 4.844    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 96.800%  |
| 20) 2-Butanone-d5             | 3.828  | 46    | 90194    | 42.155   | ug/L   | 0.03     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 84.300%  |
| 24) Chloroform-d              | 4.256  | 84    | 70261    | 4.709    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.200%  |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65    | 33611    | 4.756    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.200%  |
| 32) Benzene-d6                | 4.963  | 84    | 137901   | 4.166    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 49345    | 4.499    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 90.000%  |
| 41) Toluene-d8                | 7.249  | 98    | 129156   | 4.267    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.400%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 15290    | 3.934    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.600%  |
| 46) 2-Hexanone-d5             | 8.034  | 63    | 83963    | 45.919   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.840%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 34918    | 4.552    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 47100    | 4.930    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 98.600%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 2.449  | 84    | 3987     | 0.401    | ug/L   | 91       |
| 22) cis-1,2-Dichloroethene    | 3.825  | 96    | 5710     | 0.607    | ug/L   | 98       |
| 34) Trichloroethene           | 5.834  | 95    | 76075    | 7.036    | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 11.188 | 75    | 6921     | 1.263    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

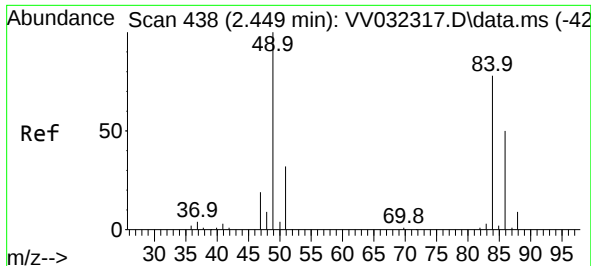
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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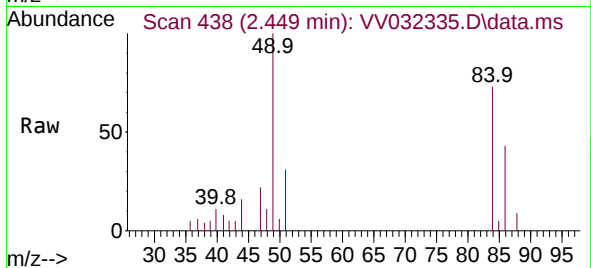
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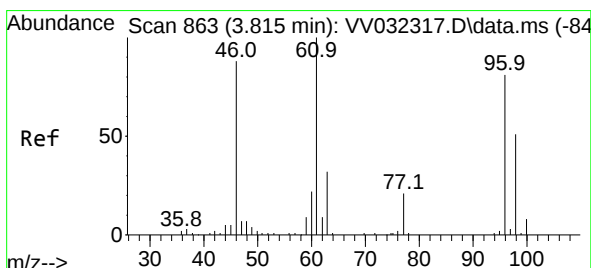
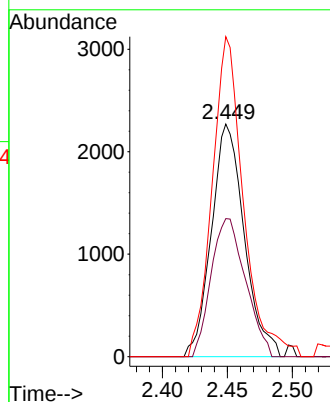
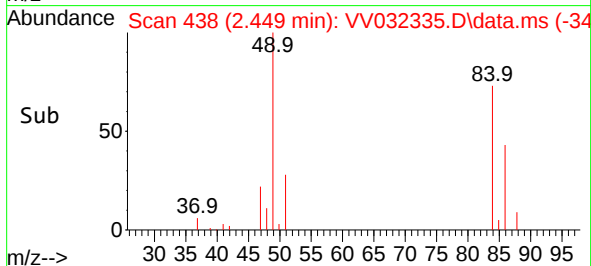
#16  
Methylene chloride  
Concen: 0.401 ug/L  
RT: 2.449 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV032335.D  
Acq: 09 Oct 2023 17:49

Instrument :  
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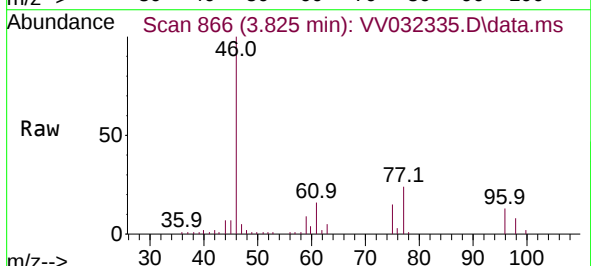


Tgt Ion: 84 Resp: 3987

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 59.4  | 43.2  | 80.2  |
| 49  | 137.6 | 86.3  | 160.3 |

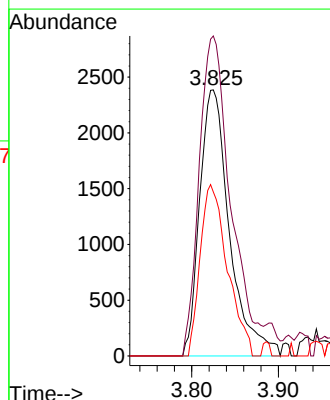
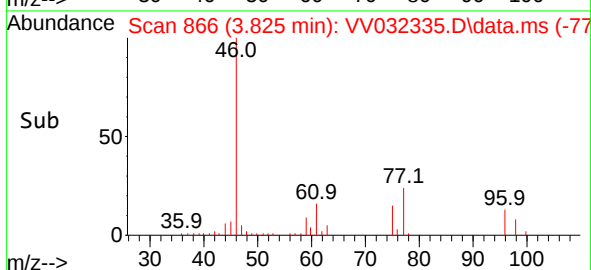


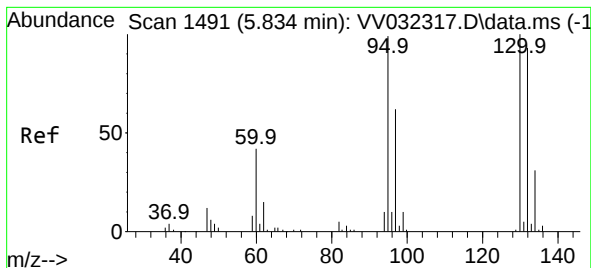
#22  
cis-1,2-Dichloroethene  
Concen: 0.607 ug/L  
RT: 3.825 min Scan# 866  
Delta R.T. 0.010 min  
Lab File: VV032335.D  
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Tgt Ion: 96 Resp: 5710

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 120.3 | 85.8  | 159.4 |
| 98  | 61.7  | 44.0  | 81.6  |





#34

Trichloroethene

Concen: 7.036 ug/L

RT: 5.834 min Scan# 14

Delta R.T. 0.000 min

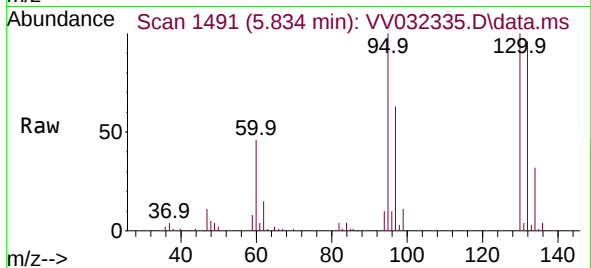
Lab File: VV032335.D

Acq: 09 Oct 2023 17:49

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 95 Resp: 76075

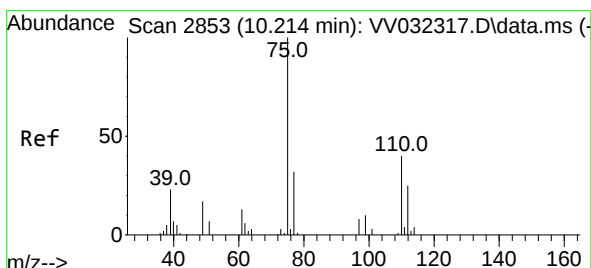
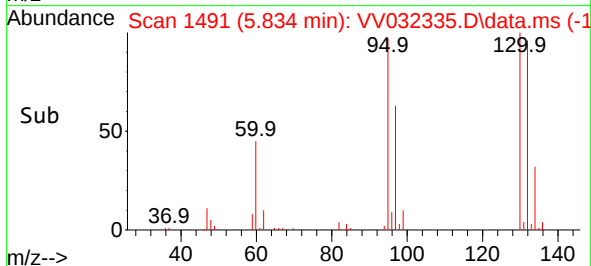
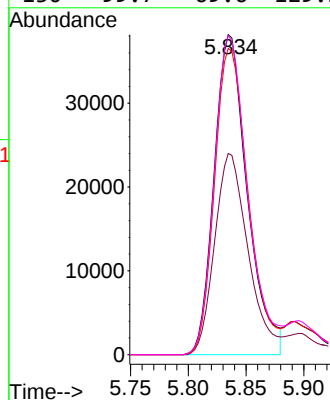
Ion Ratio Lower Upper

95 100

97 62.8 45.7 84.9

132 95.7 70.3 130.5

130 99.7 69.6 129.2



#61

1,2,3-Trichloropropane

Concen: 1.263 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032335.D

Acq: 09 Oct 2023 17:49

Tgt Ion: 75 Resp: 6921

Ion Ratio Lower Upper

75 100

77 29.6 26.2 39.2

110 1.0 30.6 46.0#

