

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW100923\  
 Data File : VW032339.D  
 Acq On : 09 Oct 2023 19:26  
 Operator : SY/MD  
 Sample : 04748-10DL 4X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EX886DL

Quant Time: Oct 10 04:53:44 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

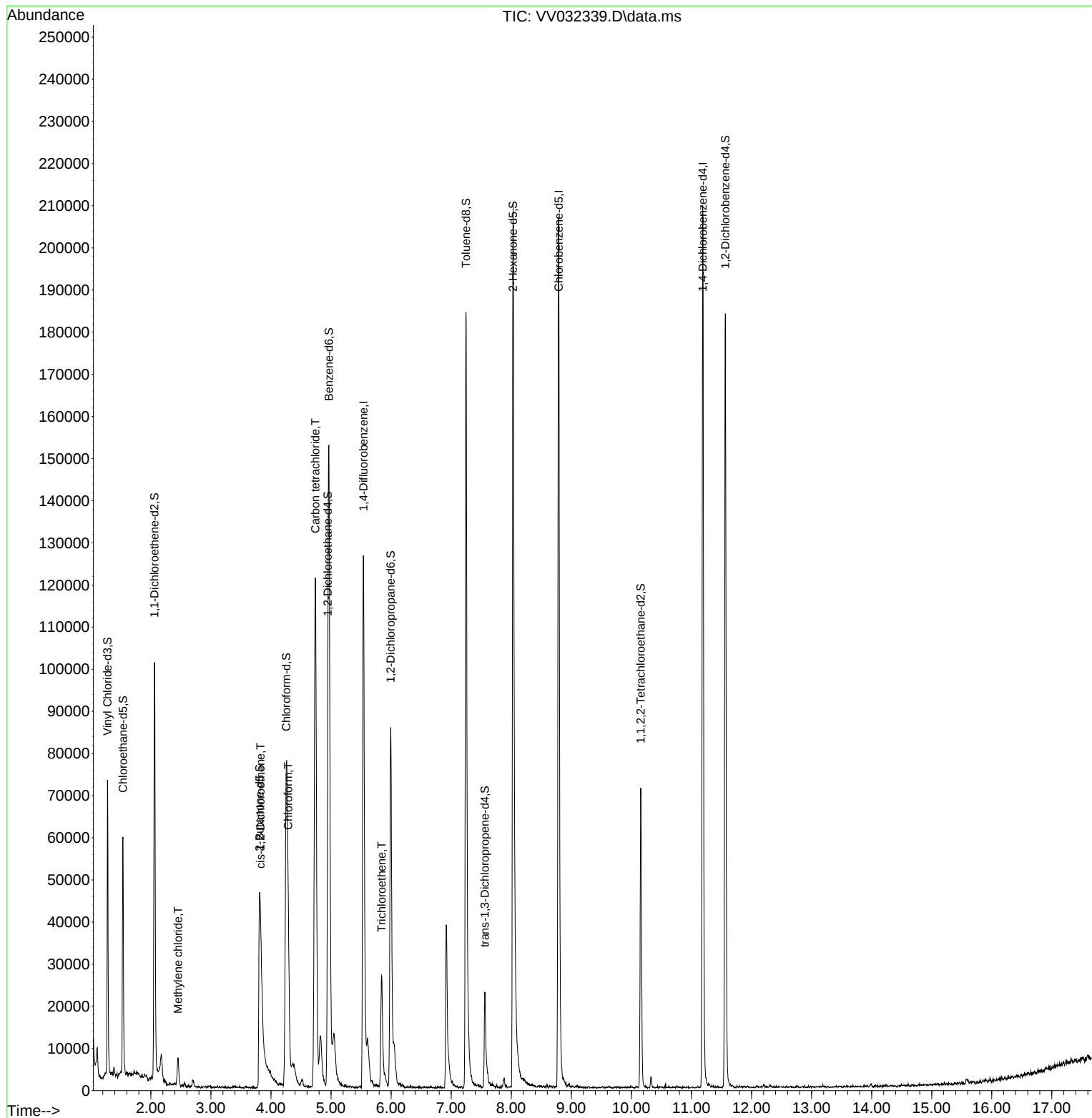
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114   | 111095   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 120404   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 55664    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 45298    | 5.014    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 100.200% |
| 7) Chloroethane-d5            | 1.536  | 69    | 36961    | 5.040    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 100.800% |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 17234    | 4.523    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 90.400%  |
| 20) 2-Butanone-d5             | 3.809  | 46    | 92746    | 40.578   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 81.160%  |
| 24) Chloroform-d              | 4.253  | 84    | 73863    | 4.634    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.600%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 34164    | 4.525    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.600%  |
| 32) Benzene-d6                | 4.963  | 84    | 141402   | 3.991    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 79.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 44597    | 3.799    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 76.000%  |
| 41) Toluene-d8                | 7.246  | 98    | 131858   | 4.070    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.400%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 15704    | 3.775    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 75.600%  |
| 46) 2-Hexanone-d5             | 8.031  | 63    | 83687    | 42.761   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 85.520%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 35124    | 4.278    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 85.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 48316    | 4.678    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.452  | 84    | 2533     | 0.238    | ug/L   | 96       |
| 22) cis-1,2-Dichloroethene    | 3.825  | 96    | 1462     | 0.145    | ug/L   | 85       |
| 25) Chloroform                | 4.285  | 83    | 39049    | 2.267    | ug/L   | 100      |
| 31) Carbon tetrachloride      | 4.738  | 117   | 94215    | 6.802    | ug/L   | 99       |
| 34) Trichloroethene           | 5.844  | 95    | 10030    | 0.867    | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

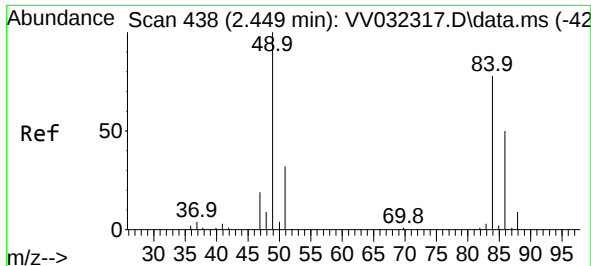
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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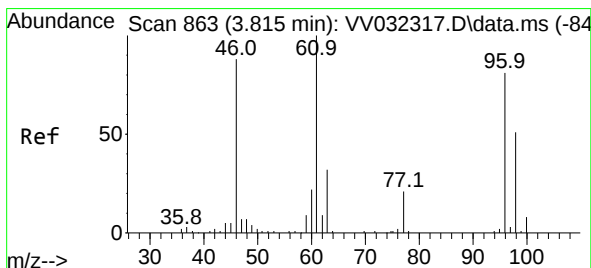
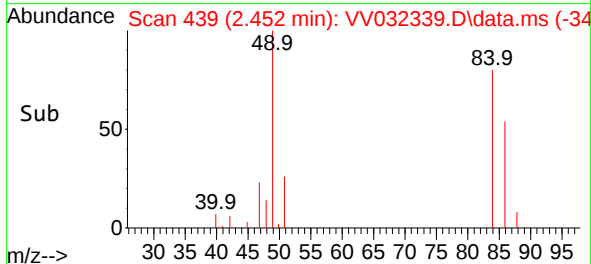
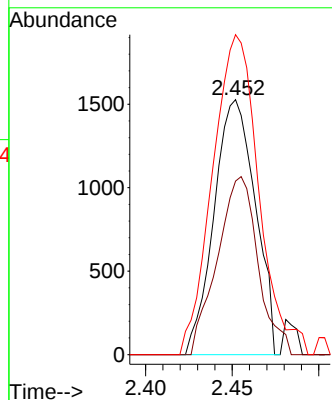
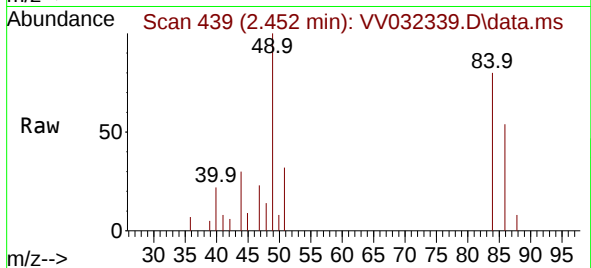




#16  
Methylene chloride  
Concen: 0.238 ug/L  
RT: 2.452 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VV032339.D  
Acq: 09 Oct 2023 19:26

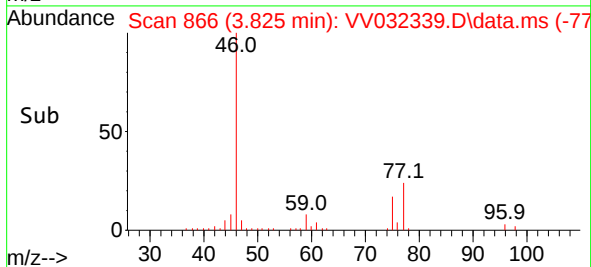
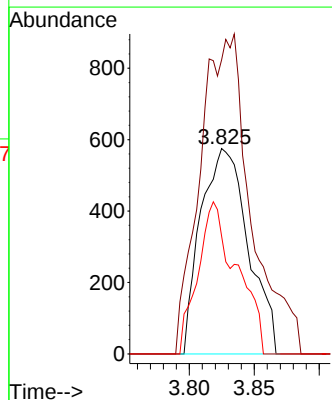
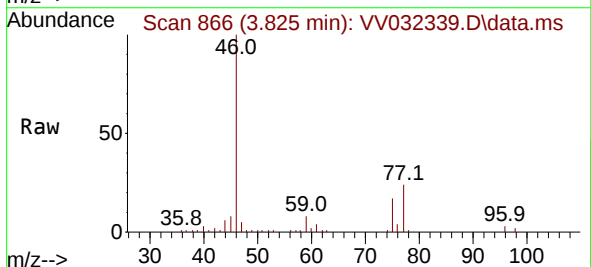
Instrument :  
MSVOA\_V  
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EX886DL

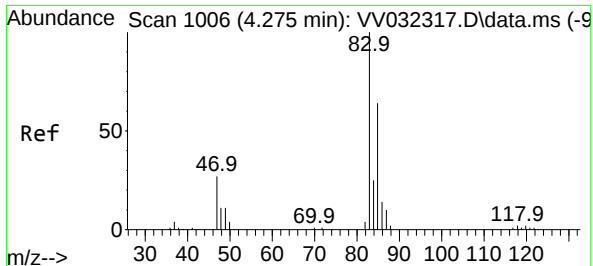
Tgt Ion: 84 Resp: 2533  
Ion Ratio Lower Upper  
84 100  
86 68.1 43.2 80.2  
49 125.5 86.3 160.3



#22  
cis-1,2-Dichloroethene  
Concen: 0.145 ug/L  
RT: 3.825 min Scan# 866  
Delta R.T. 0.010 min  
Lab File: VV032339.D  
Acq: 09 Oct 2023 19:26

Tgt Ion: 96 Resp: 1462  
Ion Ratio Lower Upper  
96 100  
61 143.3 85.8 159.4  
98 57.2 44.0 81.6





#25

Chloroform

Concen: 2.267 ug/L

RT: 4.285 min Scan# 1150

Delta R.T. 0.006 min

Lab File: VV032339.D

Acq: 09 Oct 2023 19:26

Instrument :

MSVOA\_V

ClientSampleId :

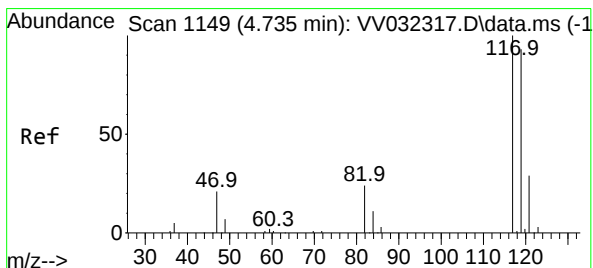
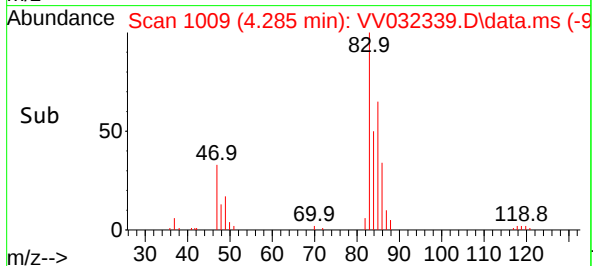
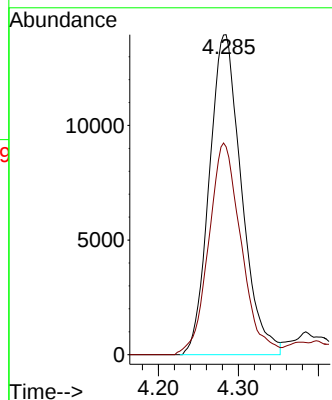
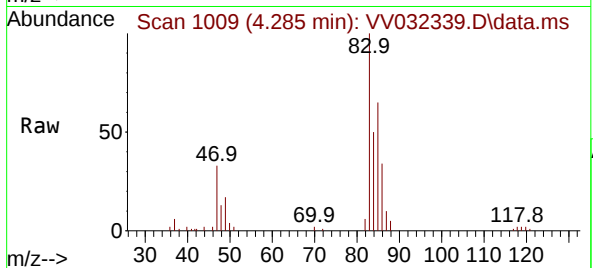
EX886DL

Tgt Ion: 83 Resp: 39049

Ion Ratio Lower Upper

83 100

85 65.0 45.4 84.4



#31

Carbon tetrachloride

Concen: 6.802 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV032339.D

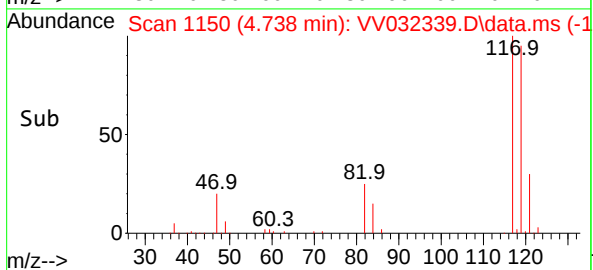
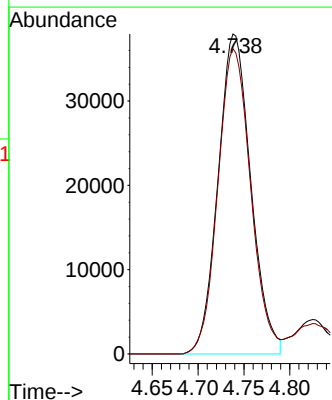
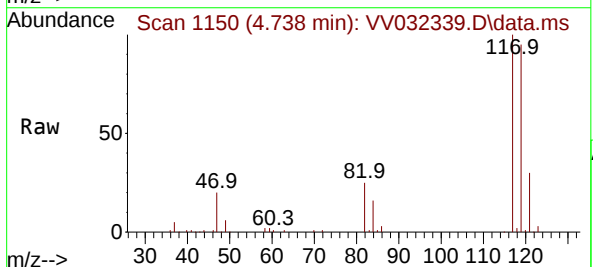
Acq: 09 Oct 2023 19:26

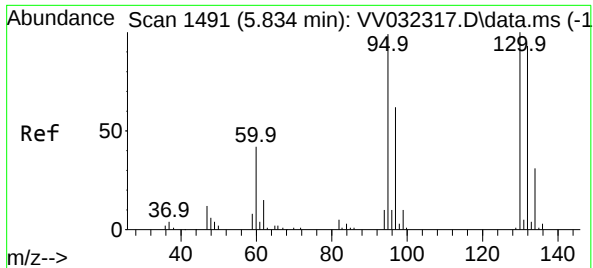
Tgt Ion: 117 Resp: 94215

Ion Ratio Lower Upper

117 100

119 95.9 77.6 116.4





#34  
 Trichloroethene  
 Concen: 0.867 ug/L  
 RT: 5.844 min Scan# 1494  
 Delta R.T. 0.010 min  
 Lab File: VV032339.D  
 Acq: 09 Oct 2023 19:26

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Tgt Ion: 95 Resp: 10030

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 65.1  | 45.7  | 84.9  |
| 132 | 89.6  | 70.3  | 130.5 |
| 130 | 98.2  | 69.6  | 129.2 |

