

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083021\  
 Data File : VV022006.D  
 Acq On : 30 Aug 2021 15:51  
 Operator : SY/MD  
 Sample : M3549-10  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 31 02:39:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 31 02:34:28 2021  
 Response via : Initial Calibration

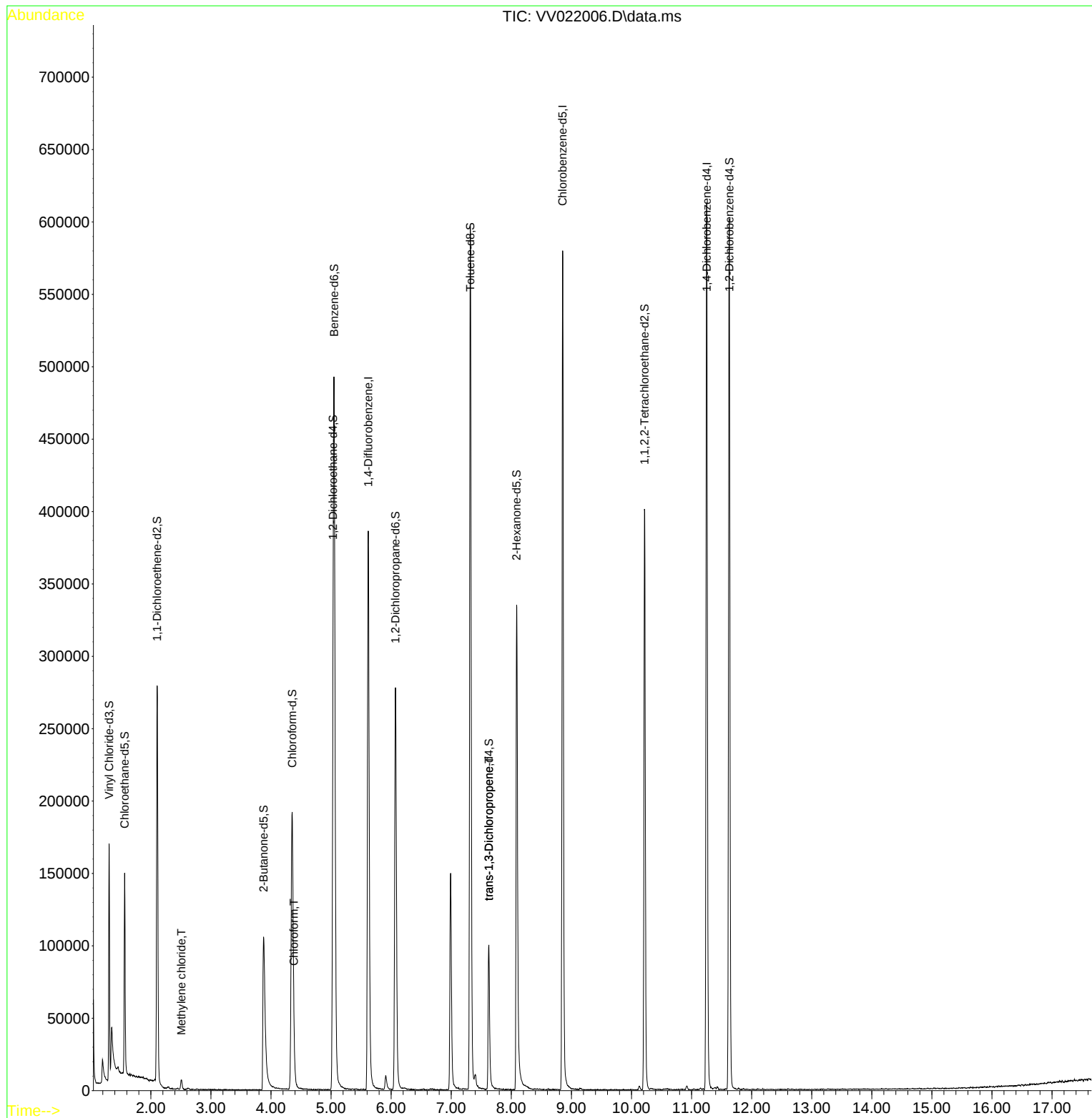
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 348633   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 340479   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 168553   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 102676   | 42.528   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 85.060%  |
| 7) Chloroethane-d5            | 1.565   | 69    | 88481    | 46.929   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 93.860%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 140087   | 35.084   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 70.160%  |
| 21) 2-Butanone-d5             | 3.876   | 46    | 163684   | 98.856   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 98.860%  |
| 24) Chloroform-d              | 4.352   | 84    | 199441   | 45.304   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 131337   | 50.650   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 101.300% |
| 32) Benzene-d6                | 5.050   | 84    | 442331   | 47.897   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 140603   | 48.413   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 96.820%  |
| 41) Toluene-d8                | 7.317   | 98    | 409154   | 46.934   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.860%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 59957    | 43.374   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.740%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 119125   | 106.900  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 106.900% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 197918   | 53.210   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 106.420% |
| 66) 1,2-Dichlorobenzene-d4    | 11.628  | 152   | 167780   | 50.634   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 101.260% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.507   | 84    | 2720     | 1.010    | ug/L   | 97       |
| 25) Chloroform                | 4.381   | 83    | 14960    | 3.263    | ug/L   | 95       |
| 44) trans-1,3-Dichloropropene | 7.625   | 75    | 2673     | 0.724    | ug/L   | 88       |
| -----                         |         |       |          |          |        |          |

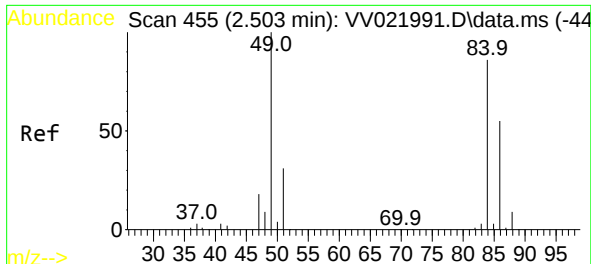
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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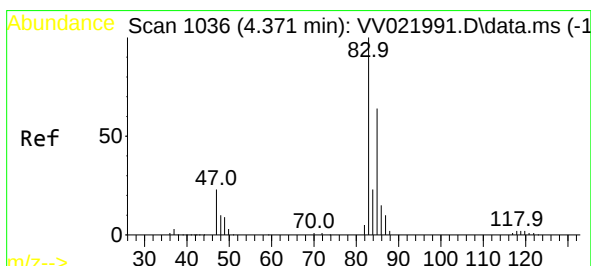
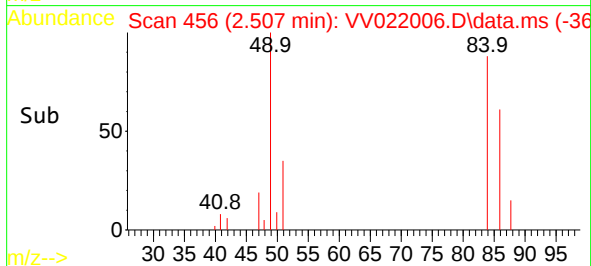
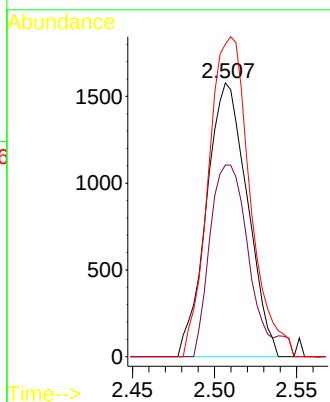
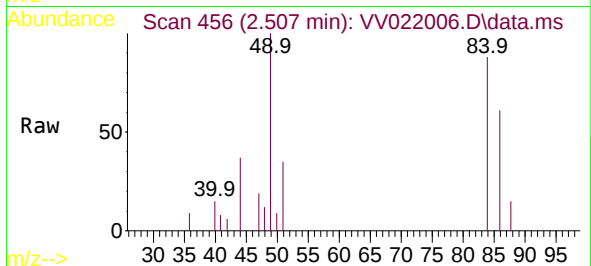




#16  
Methylene chloride  
Concen: 1.010 ug/L  
RT: 2.507 min Scan# 456  
Delta R.T. 0.003 min  
Lab File: VV022006.D  
Acq: 30 Aug 2021 15:51

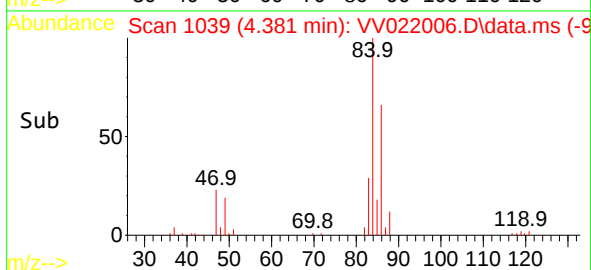
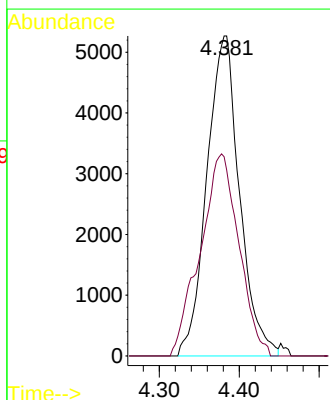
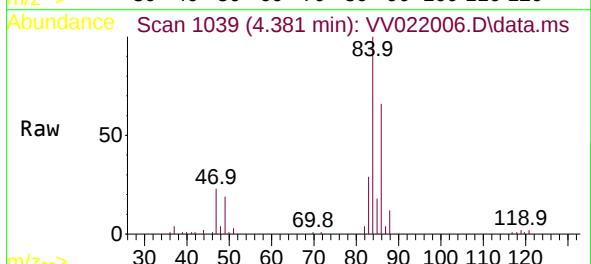
Instrument :  
MSVOA\_V  
ClientSampled :

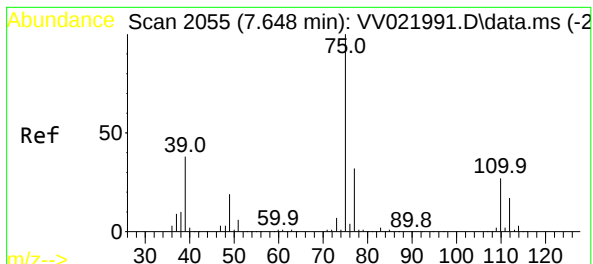
Tgt Ion: 84 Resp: 2720  
Ion Ratio Lower Upper  
84 100  
86 70.0 44.8 83.2  
49 114.1 80.2 149.0



#25  
Chloroform  
Concen: 3.263 ug/L  
RT: 4.381 min Scan# 1039  
Delta R.T. 0.010 min  
Lab File: VV022006.D  
Acq: 30 Aug 2021 15:51

Tgt Ion: 83 Resp: 14960  
Ion Ratio Lower Upper  
83 100  
85 62.2 46.3 85.9





#44  
 trans-1,3-Dichloropropene  
 Concen: 0.724 ug/L  
 RT: 7.625 min Scan# 2048  
 Delta R.T. -0.022 min  
 Lab File: VV022006.D  
 Acq: 30 Aug 2021 15:51

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Tgt Ion: 75 Resp: 2673  
 Ion Ratio Lower Upper  
 75 100  
 77 37.6 21.8 40.6

