

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081921\  
 Data File : VV021895.D  
 Acq On : 19 Aug 2021 17:36  
 Operator : SY/MD  
 Sample : M3448-17  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBKG2

Quant Time: Aug 20 02:18:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 20 02:14:47 2021  
 Response via : Initial Calibration

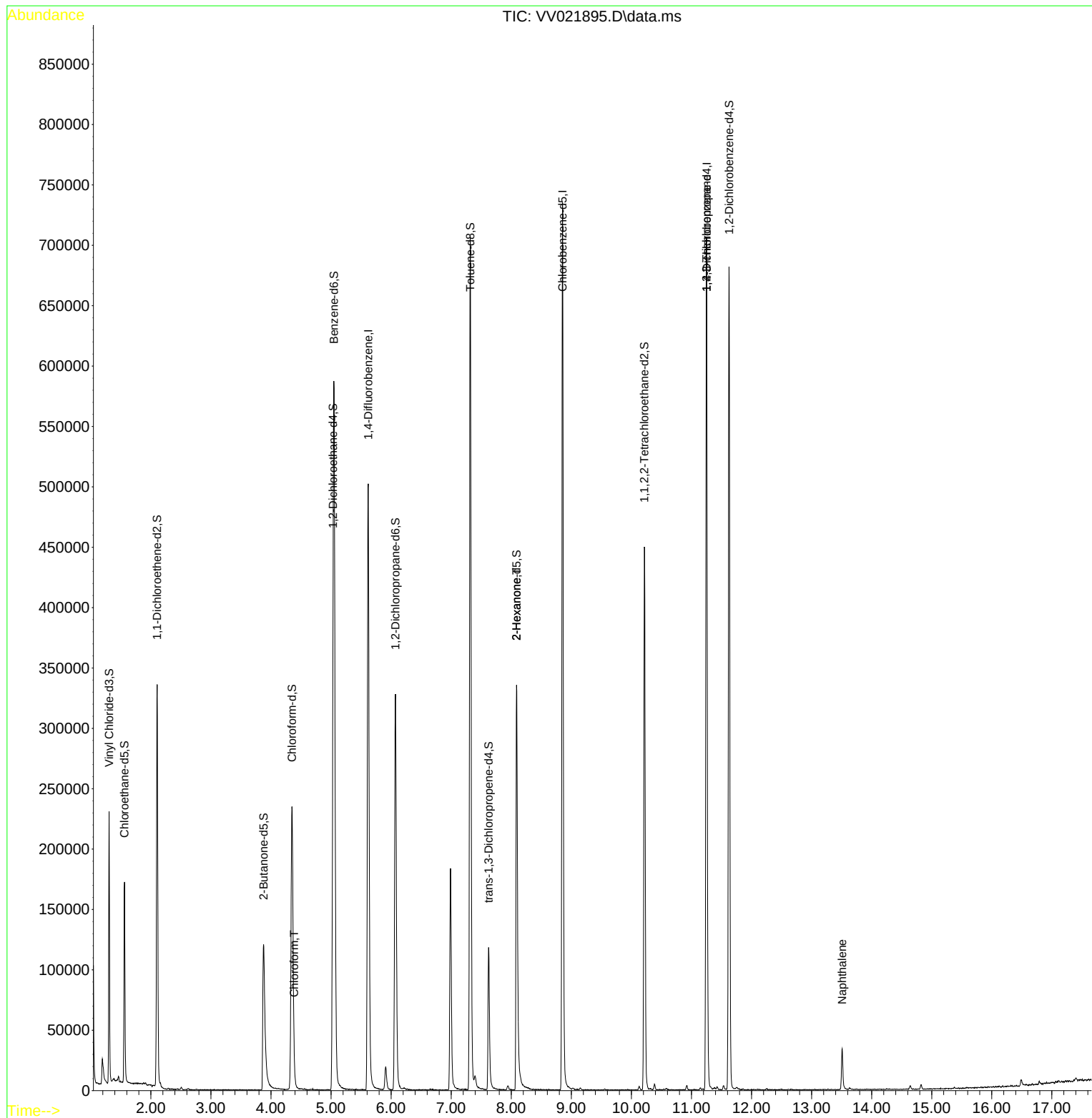
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 461766   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 428113   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 199130   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 134337   | 37.213   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 74.420%  |
| 7) Chloroethane-d5            | 1.561   | 69    | 106961   | 39.264   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 78.520%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 169656   | 29.525   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 59.040%# |
| 21) 2-Butanone-d5             | 3.876   | 46    | 188004   | 83.738   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 83.740%  |
| 24) Chloroform-d              | 4.349   | 84    | 249711   | 39.926   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 79.860%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 153909   | 42.781   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 85.560%  |
| 32) Benzene-d6                | 5.050   | 84    | 529683   | 43.025   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.060%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 168513   | 43.955   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 87.900%  |
| 41) Toluene-d8                | 7.317   | 98    | 482059   | 42.364   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 84.720%  |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79    | 71009    | 37.635   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 75.280%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 118658   | 94.434   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 94.430%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 219330   | 46.166   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 92.340%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.628  | 152   | 186306   | 45.208   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.420%  |
| Target Compounds              |         |       |          |          |        |          |
| 25) Chloroform                | 4.384   | 83    | 4488     | 0.732    | ug/L   | 90       |
| 48) 2-Hexanone                | 8.088   | 43    | 13406    | 3.772    | ug/L # | 74       |
| 61) 1,2,3-Trichloropropane    | 11.249  | 75    | 21993    | 5.976    | ug/L # | 65       |
| 71) Naphthalene               | 13.509  | 128   | 30267    | 2.651    | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

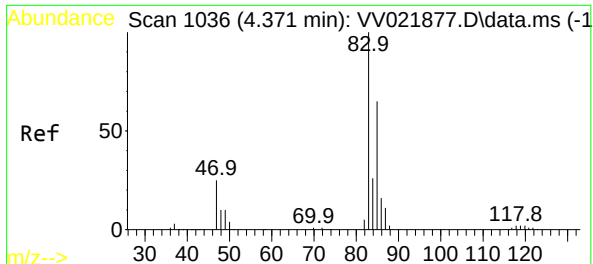
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Aug 20 02:14:47 2021  
Response via : Initial Calibration





#25

Chloroform

Concen: 0.732 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.013 min

Lab File: VV021895.D

Acq: 19 Aug 2021 17:36

Instrument :

MSVOA\_V

ClientSampleId :

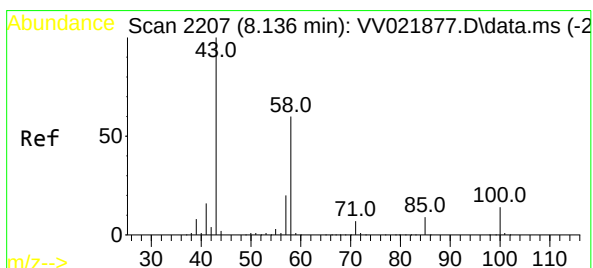
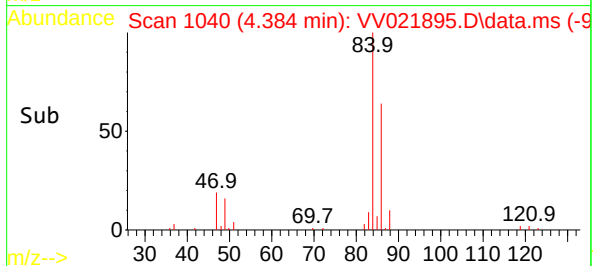
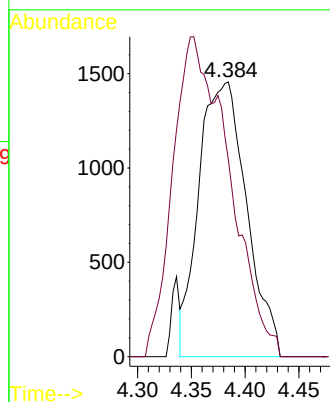
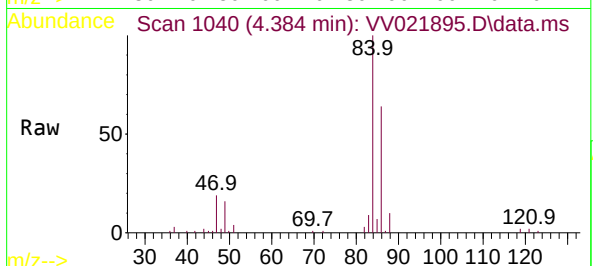
DBKG2

Tgt Ion: 83 Resp: 4488

Ion Ratio Lower Upper

83 100

85 71.6 44.8 83.2



#48

2-Hexanone

Concen: 3.772 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.048 min

Lab File: VV021895.D

Acq: 19 Aug 2021 17:36

Tgt Ion: 43 Resp: 13406

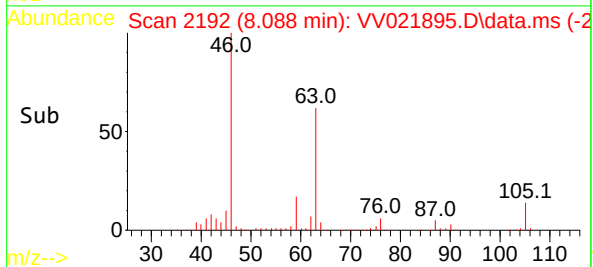
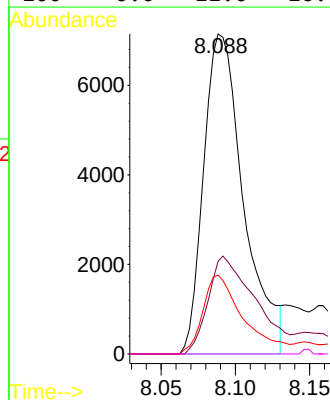
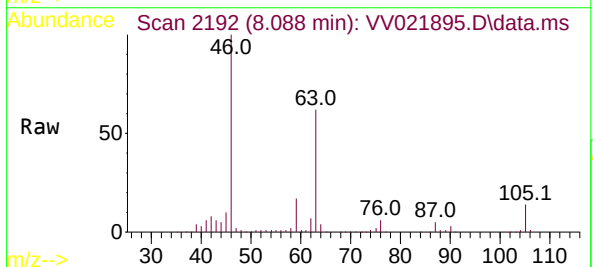
Ion Ratio Lower Upper

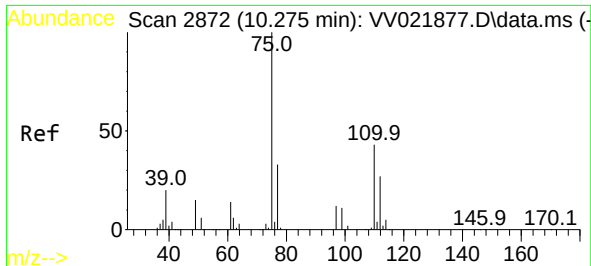
43 100

58 36.1 45.4 68.2#

57 24.9 15.3 22.9#

100 0.0 11.0 16.6#

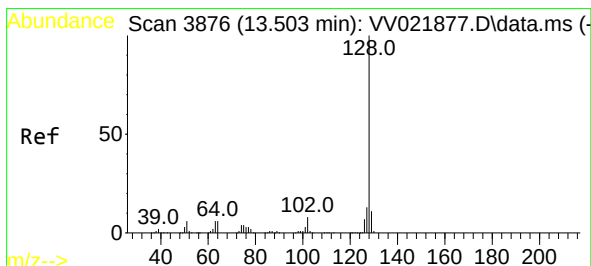
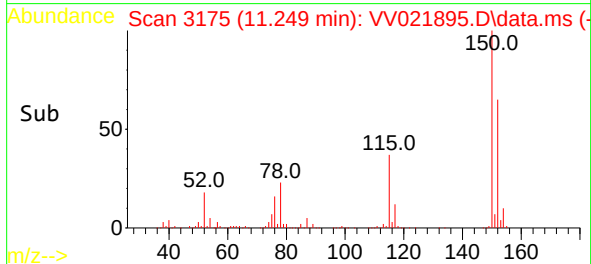
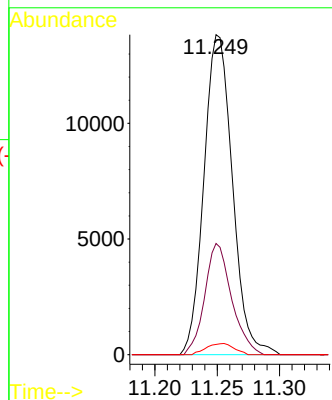
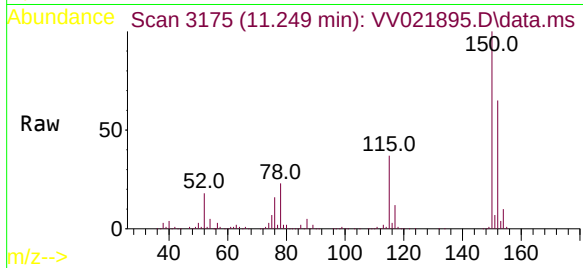




#61  
1,2,3-Trichloropropane  
Concen: 5.976 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV021895.D  
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Instrument :  
MSVOA\_V  
ClientSampleId :  
DBKG2

Tgt Ion: 75 Resp: 21993  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.5 38.3  
110 3.4 33.4 50.2#



#71  
Naphthalene  
Concen: 2.651 ug/L  
RT: 13.509 min Scan# 3878  
Delta R.T. 0.007 min  
Lab File: VV021895.D  
Acq: 19 Aug 2021 17:36

Tgt Ion: 128 Resp: 30267  
Ion Ratio Lower Upper  
128 100  
127 11.5 10.0 15.0  
129 9.8 8.5 12.7

