

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012821\  
 Data File : VV020204.D  
 Acq On : 27 Jan 2021 20:06  
 Operator : SY/MD  
 Sample : M1258-05  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jan 28 05:51:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 28 05:47:43 2021  
 Response via : Initial Calibration

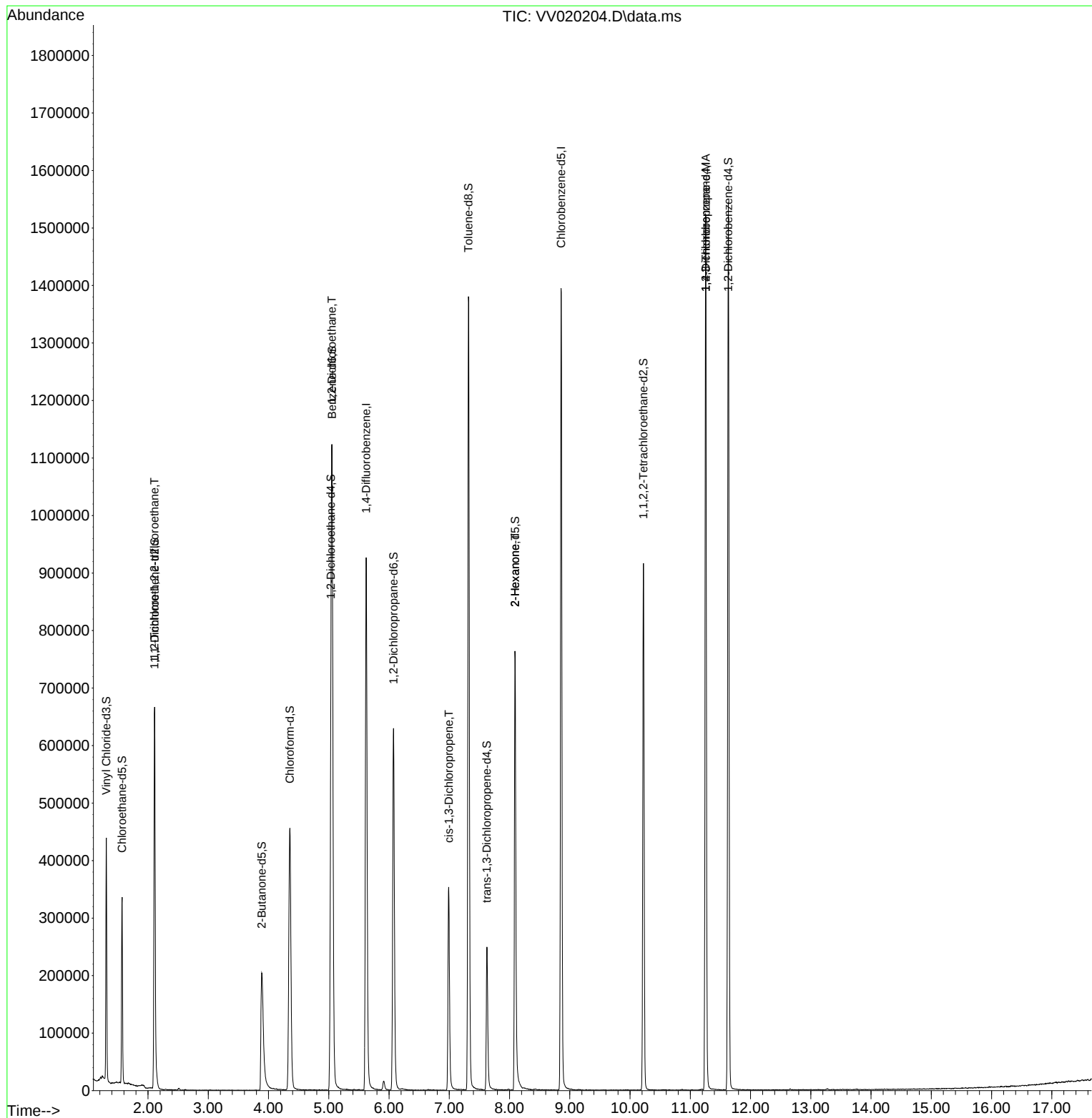
| Compound                      | R.T.    | QIon           | Response | Conc  | Units   | Dev(Min) |
|-------------------------------|---------|----------------|----------|-------|---------|----------|
| Internal Standards            |         |                |          |       |         |          |
| 1) 1,4-Difluorobenzene        | 5.621   | 114            | 821043   | 50.00 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.859   | 117            | 789297   | 50.00 | ug/L    | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.257  | 152            | 416623   | 50.00 | ug/L    | 0.00     |
| System Monitoring Compounds   |         |                |          |       |         |          |
| 4) Vinyl Chloride-d3          | 1.306   | 65             | 267305   | 46.87 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =     | 93.74%  |          |
| 7) Chloroethane-d5            | 1.570   | 69             | 199330   | 45.44 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =     | 90.88%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.110   | 63             | 342687   | 41.25 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =     | 82.50%  |          |
| 21) 2-Butanone-d5             | 3.888   | 46             | 346539   | 96.30 | ug/L    | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =     | 96.30%  |          |
| 24) Chloroform-d              | 4.354   | 84             | 484607   | 47.18 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =     | 94.36%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.036   | 65             | 321221   | 48.36 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =     | 96.72%  |          |
| 32) Benzene-d6                | 5.055   | 84             | 998866   | 48.90 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =     | 97.80%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.074   | 67             | 304623   | 48.40 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =     | 96.80%  |          |
| 41) Toluene-d8                | 7.318   | 98             | 915110   | 48.11 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =     | 96.22%  |          |
| 43) trans-1,3-Dichloroprop... | 7.624   | 79             | 142841   | 46.31 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =     | 92.62%  |          |
| 47) 2-Hexanone-d5             | 8.090   | 63             | 271641   | 97.70 | ug/L    | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =     | 97.70%  |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.222  | 84             | 425382   | 49.78 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =     | 99.56%  |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.630  | 152            | 422008   | 52.92 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =     | 105.84% |          |
| Target Compounds              |         |                |          |       |         |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.106   | 101            | 3183     | 0.76  | ug/L #  | 26       |
| 27) 1,2-Dichloroethane        | 5.048   | 62             | 5898     | 0.75  | ug/L    | 95       |
| 39) cis-1,3-Dichloropropene   | 6.991   | 75             | 8486     | 0.98  | ug/L #  | 65       |
| 48) 2-Hexanone                | 8.090   | 43             | 29261    | 5.12  | ug/L #  | 71       |
| 59) 1,2,3-Trichloropropane    | 11.257  | 75             | 41181    | 5.73  | ug/L    | 91       |

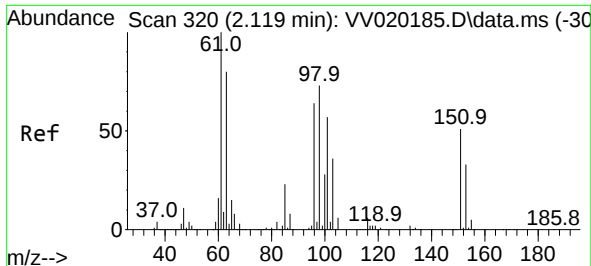
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 28 05:51:59 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM012821WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jan 28 05:47:43 2021  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.76 ug/L

RT: 2.106 min Scan# 316

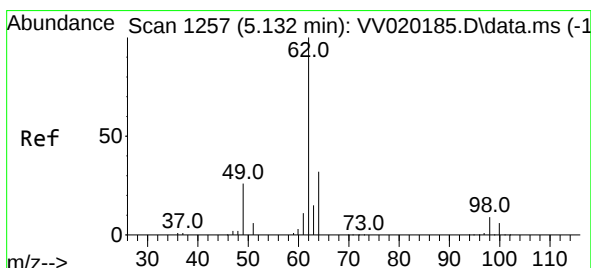
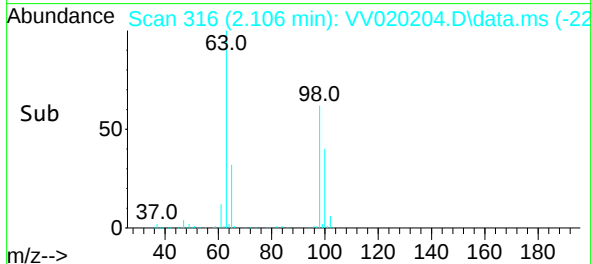
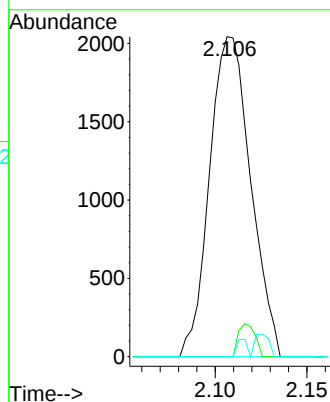
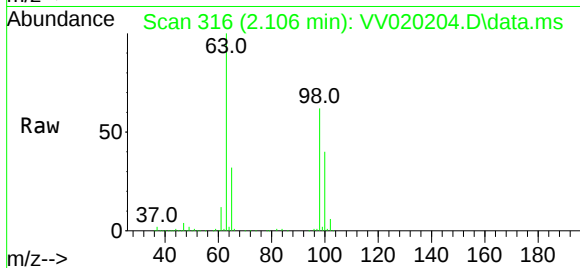
Delta R.T. -0.013 min

Lab File: VV020204.D

Acq: 27 Jan 2021 20:06

Instrument :  
MSVOA\_V  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 3183  |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 4.2   | 35.3  | 52.9# |
| 151      | 1.4   | 53.6  | 80.4# |



#27

1,2-Dichloroethane

Concen: 0.75 ug/L

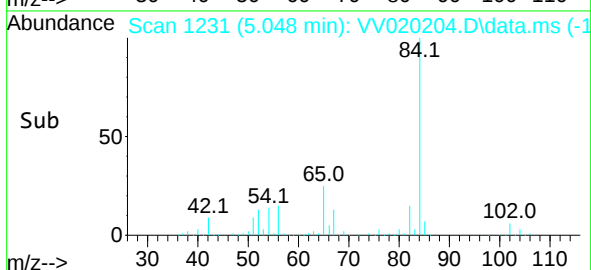
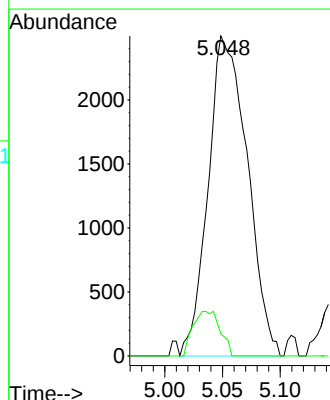
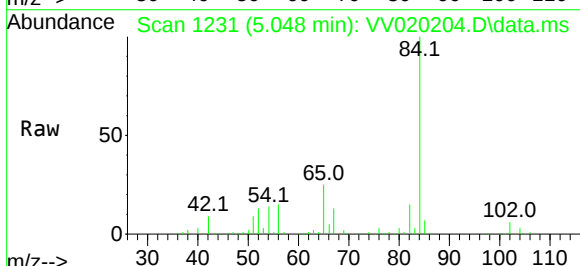
RT: 5.048 min Scan# 1231

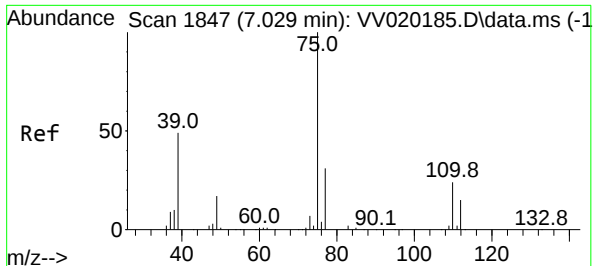
Delta R.T. -0.087 min

Lab File: VV020204.D

Acq: 27 Jan 2021 20:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 5898  |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 6.9   | 6.9   | 10.3  |

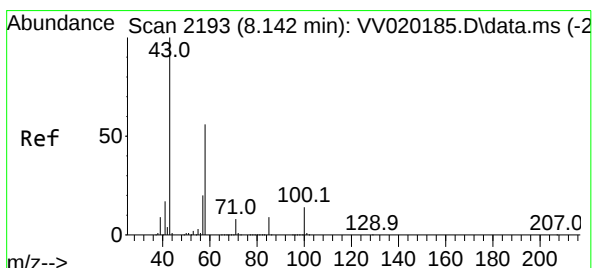
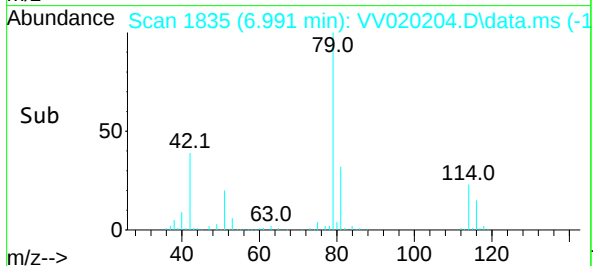
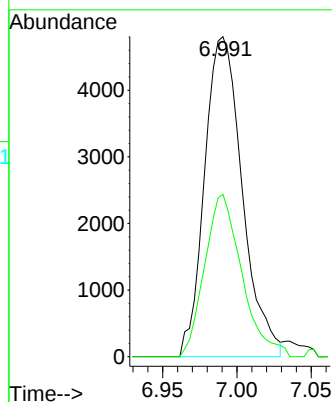
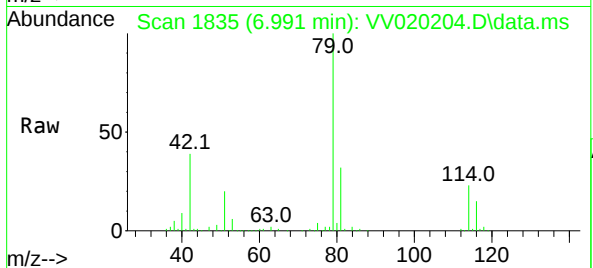




#39  
cis-1,3-Dichloropropene  
Concen: 0.98 ug/L  
RT: 6.991 min Scan# 1835  
Delta R.T. -0.042 min  
Lab File: VV020204.D  
Acq: 27 Jan 2021 20:06

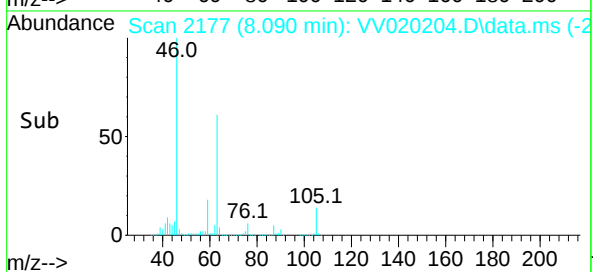
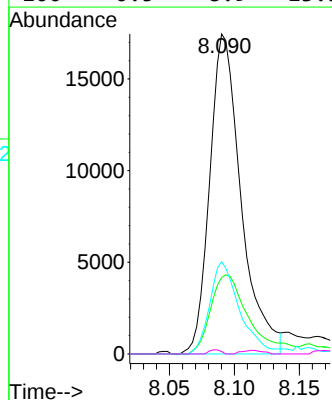
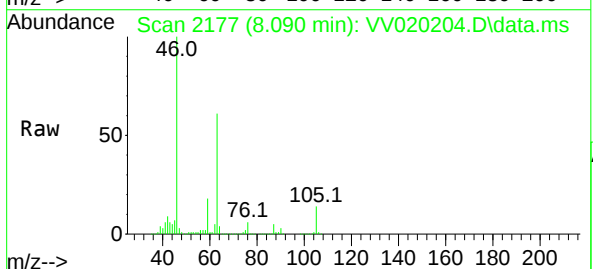
Instrument :  
MSVOA\_V  
ClientSampled :

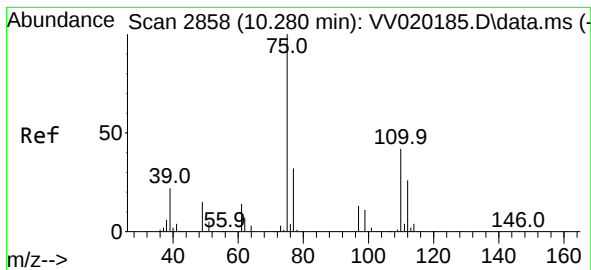
Tgt Ion: 75 Resp: 8486  
Ion Ratio Lower Upper  
75 100  
77 50.8 21.8 40.6#



#48  
2-Hexanone  
Concen: 5.12 ug/L  
RT: 8.090 min Scan# 2177  
Delta R.T. -0.051 min  
Lab File: VV020204.D  
Acq: 27 Jan 2021 20:06

Tgt Ion: 43 Resp: 29261  
Ion Ratio Lower Upper  
43 100  
58 28.9 41.8 62.6#  
57 27.3 15.0 22.4#  
100 0.5 8.9 13.3#





#59  
 1,2,3-Trichloropropane  
 Concen: 5.73 ug/L  
 RT: 11.257 min Scan# 3162  
 Delta R.T. 0.978 min  
 Lab File: VV020204.D  
 Acq: 27 Jan 2021 20:06

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Tgt Ion: 75 Resp: 41181  
 Ion Ratio Lower Upper  
 75 100  
 77 36.7 25.4 38.0

