

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090221\  
 Data File : VV022072.D  
 Acq On : 02 Sep 2021 13:49  
 Operator : SY/MD  
 Sample : VV0902MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 03 01:00:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 03 00:59:14 2021  
 Response via : Initial Calibration

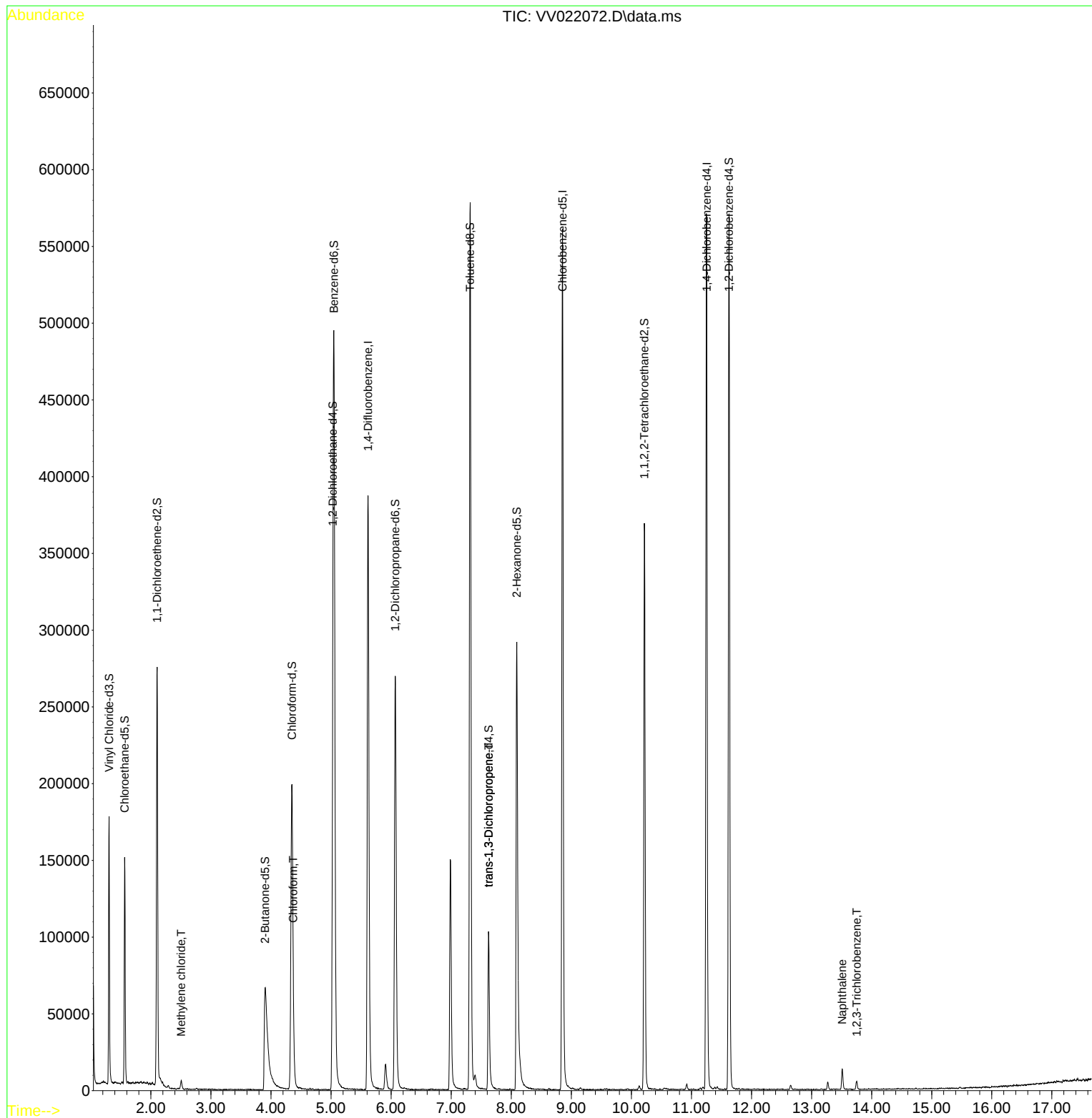
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616   | 114   | 350600   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 321390   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 156354   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 109489   | 45.095   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 90.200%  |
| 7) Chloroethane-d5            | 1.564   | 69    | 89395    | 47.148   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 94.300%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 139804   | 34.817   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 69.640%  |
| 21) 2-Butanone-d5             | 3.902   | 46    | 173151   | 103.987  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 103.990% |
| 24) Chloroform-d              | 4.349   | 84    | 211797   | 47.841   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.680%  |
| 26) 1,2-Dichloroethane-d4     | 5.031   | 65    | 130810   | 50.164   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.320% |
| 32) Benzene-d6                | 5.050   | 84    | 436931   | 50.123   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.240% |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67    | 137957   | 50.323   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 100.640% |
| 41) Toluene-d8                | 7.317   | 98    | 392048   | 47.643   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 95.280%  |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79    | 60482    | 46.353   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 92.700%  |
| 47) 2-Hexanone-d5             | 8.092   | 63    | 107601   | 102.294  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 102.290% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 176975   | 50.406   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 100.820% |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 152062   | 49.471   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 98.940%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.503   | 84    | 2391     | 0.882    | ug/L   | 91       |
| 25) Chloroform                | 4.371   | 83    | 4083     | 0.886    | ug/L   | 77       |
| 44) trans-1,3-Dichloropropene | 7.622   | 75    | 2695     | 0.774    | ug/L   | 99       |
| 71) Naphthalene               | 13.509  | 128   | 11426    | 1.211    | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.750  | 180   | 2034     | 0.636    | ug/L   | 96       |
| -----                         |         |       |          |          |        |          |

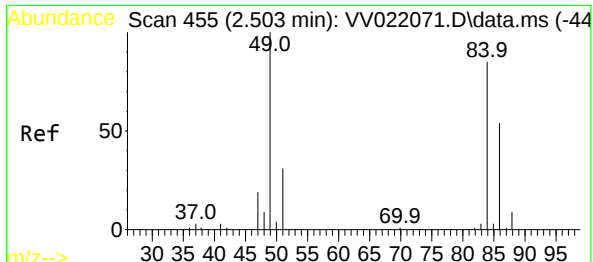
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

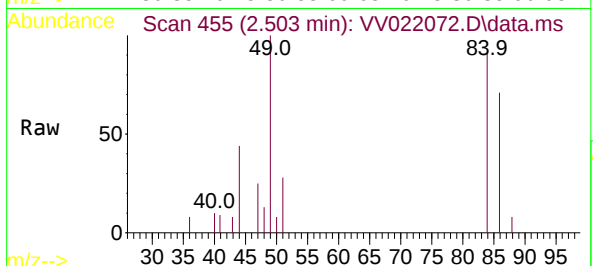
Quant Time: Sep 03 01:00:06 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Sep 03 00:59:14 2021  
Response via : Initial Calibration



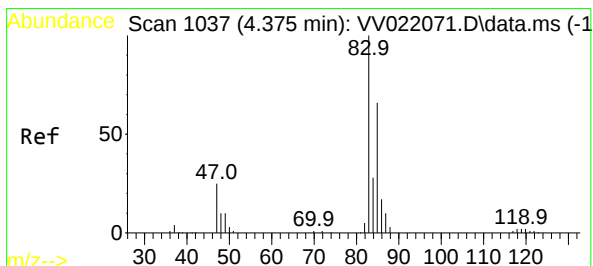
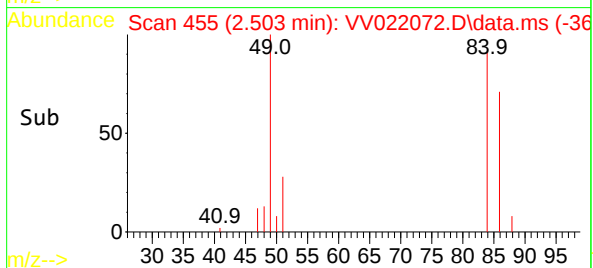
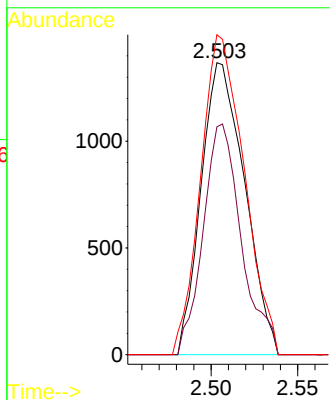


#16  
Methylene chloride  
Concen: 0.882 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. 0.000 min  
Lab File: VV022072.D  
Acq: 02 Sep 2021 13:49

Instrument :  
MSVOA\_V  
ClientSampled :

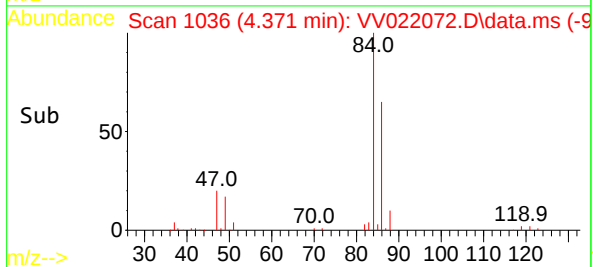
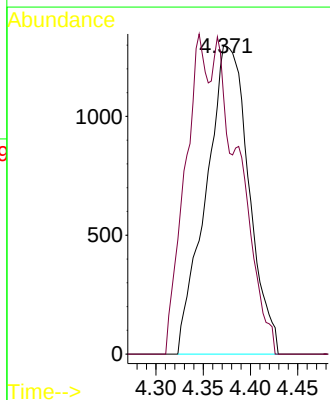
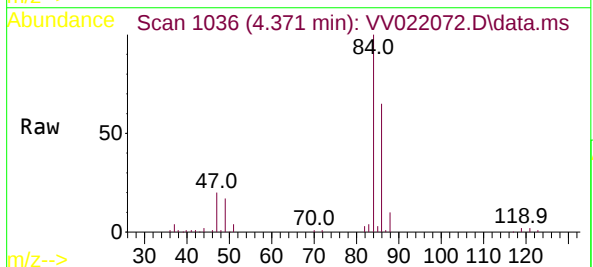


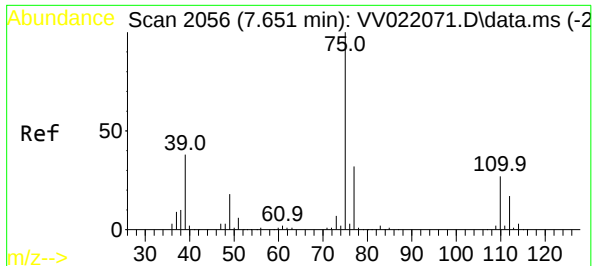
Tgt Ion: 84 Resp: 2391  
Ion Ratio Lower Upper  
84 100  
86 78.0 44.8 83.2  
49 109.6 80.2 149.0



#25  
Chloroform  
Concen: 0.886 ug/L  
RT: 4.371 min Scan# 1036  
Delta R.T. -0.003 min  
Lab File: VV022072.D  
Acq: 02 Sep 2021 13:49

Tgt Ion: 83 Resp: 4083  
Ion Ratio Lower Upper  
83 100  
85 84.0 46.3 85.9

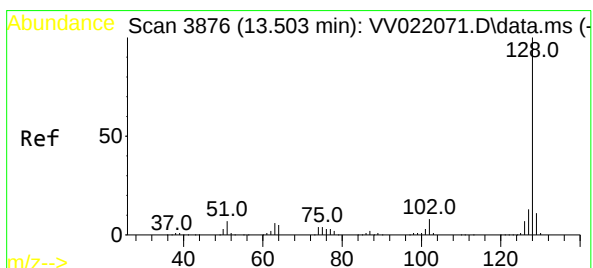
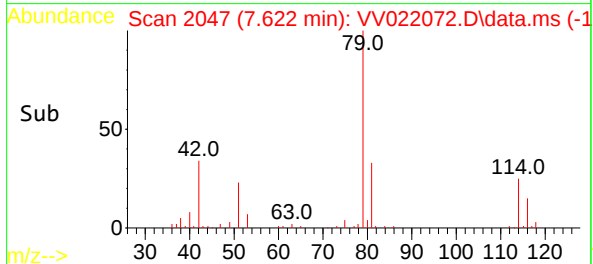
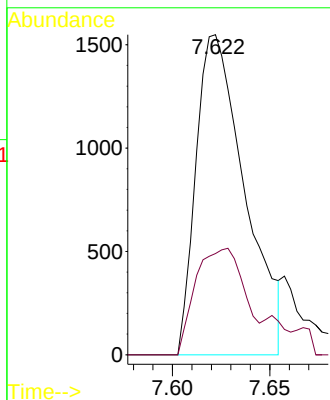
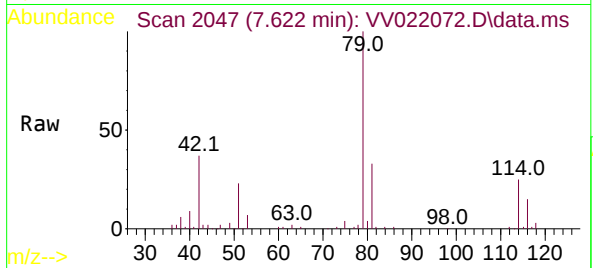




#44  
trans-1,3-Dichloropropene  
Concen: 0.774 ug/L  
RT: 7.622 min Scan# 2047  
Delta R.T. -0.029 min  
Lab File: VV022072.D  
Acq: 02 Sep 2021 13:49

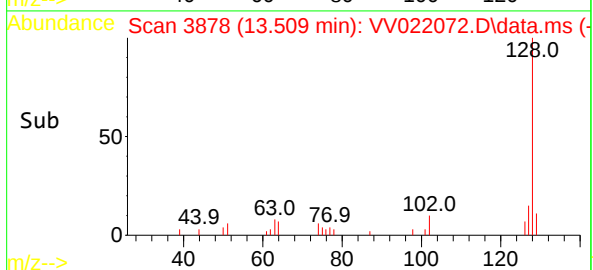
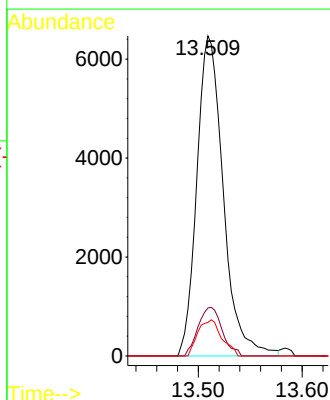
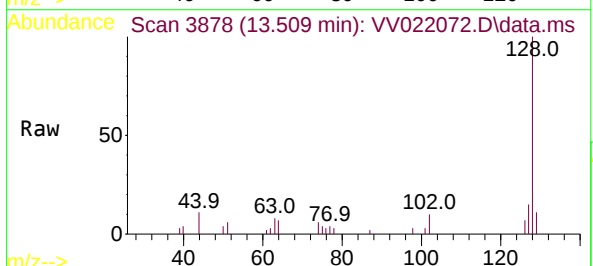
Instrument :  
MSVOA\_V  
ClientSampleId :

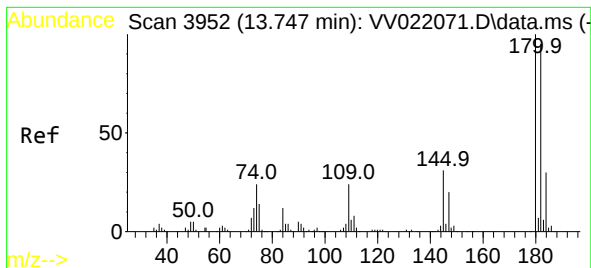
Tgt Ion: 75 Resp: 2695  
Ion Ratio Lower Upper  
75 100  
77 31.6 21.8 40.6



#71  
Naphthalene  
Concen: 1.211 ug/L  
RT: 13.509 min Scan# 3878  
Delta R.T. 0.007 min  
Lab File: VV022072.D  
Acq: 02 Sep 2021 13:49

Tgt Ion:128 Resp: 11426  
Ion Ratio Lower Upper  
128 100  
127 13.8 10.1 15.1  
129 10.2 8.7 13.1





#72  
 1,2,3-Trichlorobenzene  
 Concen: 0.636 ug/L  
 RT: 13.750 min Scan# 3953  
 Delta R.T. 0.003 min  
 Lab File: VV022072.D  
 Acq: 02 Sep 2021 13:49

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Tgt Ion:180 Resp: 2034  
 Ion Ratio Lower Upper  
 180 100  
 182 91.9 76.3 114.5  
 145 35.5 25.4 38.0

