

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW101122\  
 Data File : VW028521.D  
 Acq On : 11 Oct 2022 14:41  
 Operator : SY/MD  
 Sample : N5024-05ME  
 Misc : 6.55g/5.0mL/100ul/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0BF4ME

Quant Time: Oct 12 00:29:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 12 00:26:27 2022  
 Response via : Initial Calibration

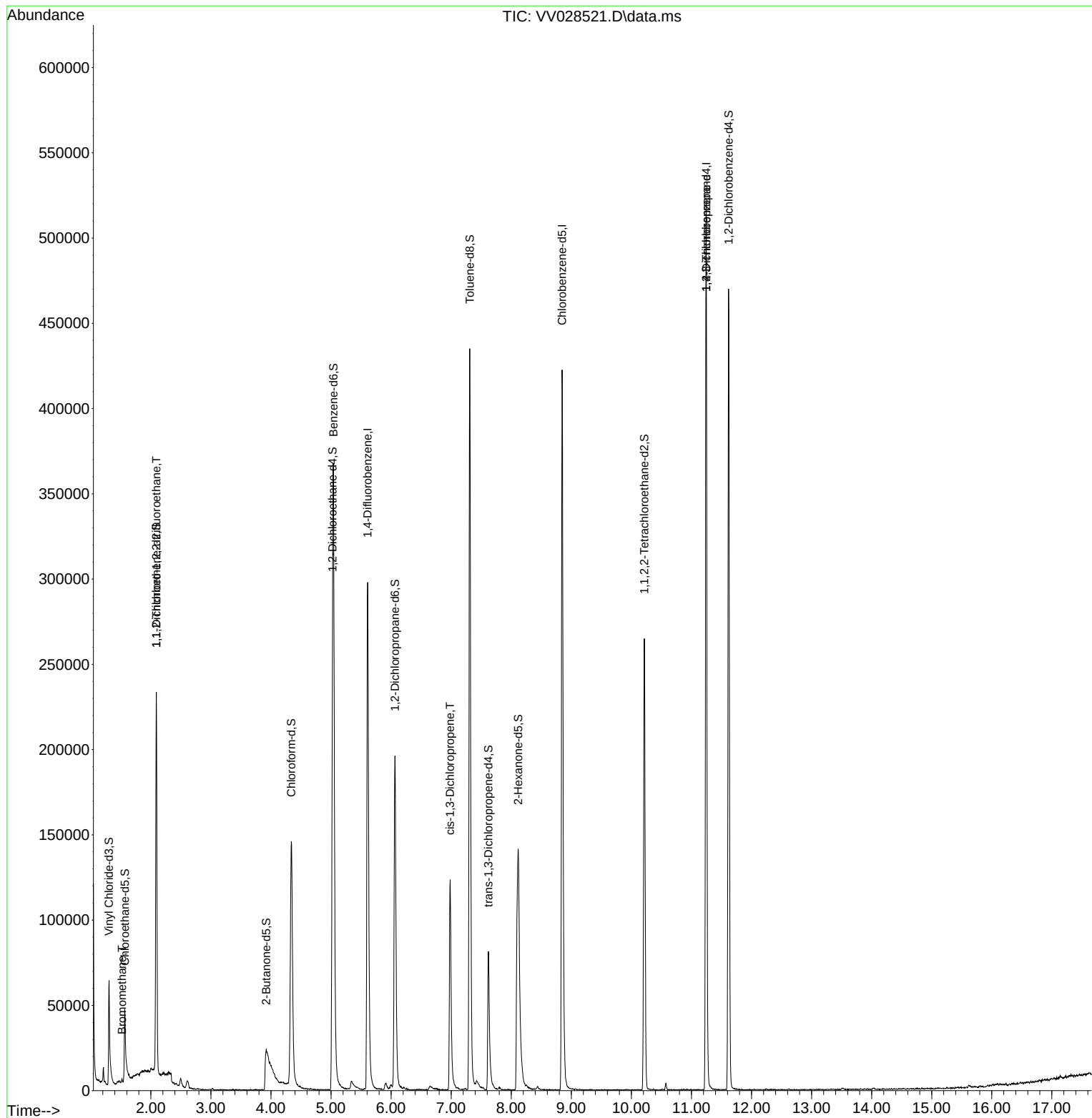
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609   | 114   | 267167   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847   | 117   | 257249   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246  | 152   | 136241   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 57686    | 27.983   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 55.960%# |
| 7) Chloroethane-d5            | 1.568   | 69    | 47358    | 28.972   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 57.940%# |
| 11) 1,1-Dichloroethene-d2     | 2.092   | 63    | 107896   | 30.753   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 61.500%  |
| 21) 2-Butanone-d5             | 3.921   | 46    | 28524    | 15.806   | ug/L   | 0.04     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 15.810%# |
| 24) Chloroform-d              | 4.339   | 84    | 153210   | 40.523   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.040%  |
| 26) 1,2-Dichloroethane-d4     | 5.024   | 65    | 110015   | 45.119   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.240%  |
| 32) Benzene-d6                | 5.040   | 84    | 305977   | 37.119   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 74.240%  |
| 36) 1,2-Dichloropropane-d6    | 6.063   | 67    | 92915    | 34.572   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 69.140%# |
| 41) Toluene-d8                | 7.310   | 98    | 293791   | 39.808   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 79.620%# |
| 43) trans-1,3-Dichloroprop... | 7.619   | 79    | 54412    | 39.720   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 79.440%  |
| 47) 2-Hexanone-d5             | 8.114   | 63    | 97641    | 66.786   | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 66.790%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 130194   | 35.400   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 70.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.619  | 152   | 119499   | 42.330   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 84.660%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 6) Bromomethane               | 1.520   | 94    | 1178     | 1.137    | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.092   | 101   | 1089     | 0.684    | ug/L # | 20       |
| 39) cis-1,3-Dichloropropene   | 6.982   | 75    | 4101     | 1.136    | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 11.246  | 75    | 14981    | 5.165    | ug/L # | 65       |
| -----                         |         |       |          |          |        |          |

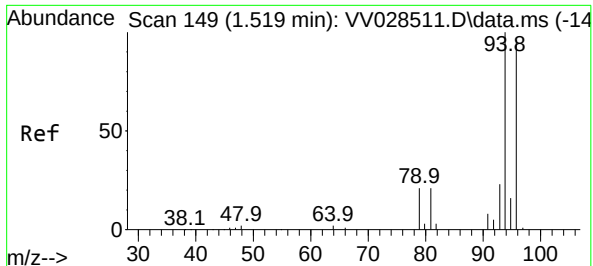
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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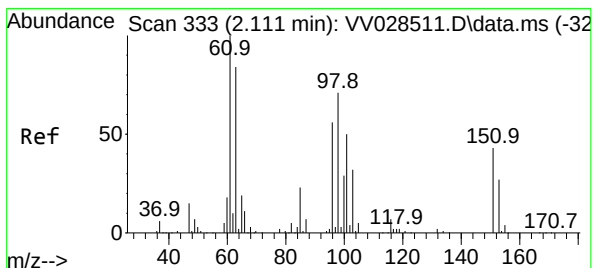
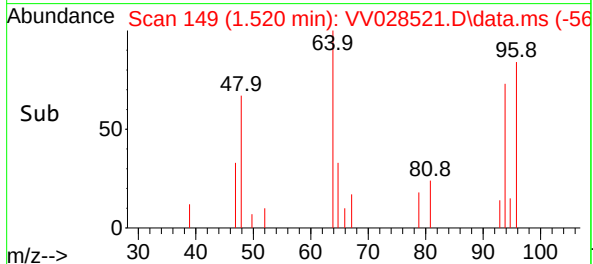
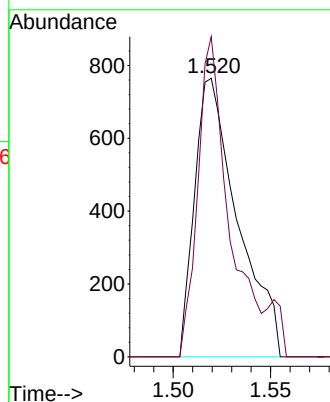
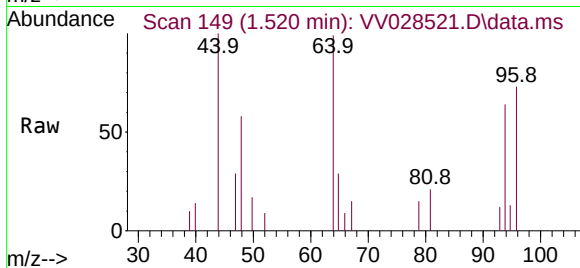




#6  
Bromomethane  
Concen: 1.137 ug/L  
RT: 1.520 min Scan# 149  
Delta R.T. 0.000 min  
Lab File: VV028521.D  
Acq: 11 Oct 2022 14:41

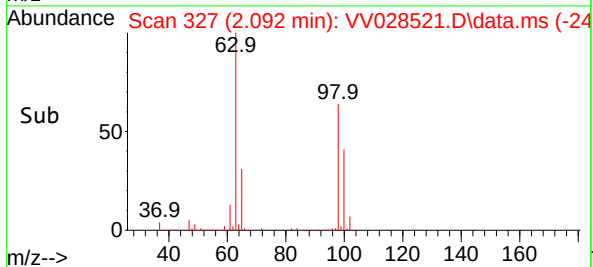
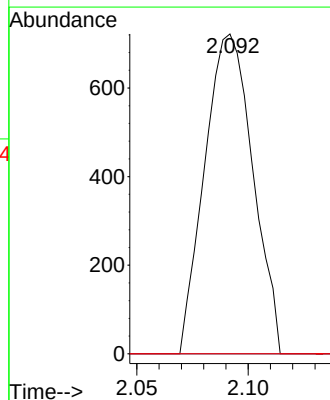
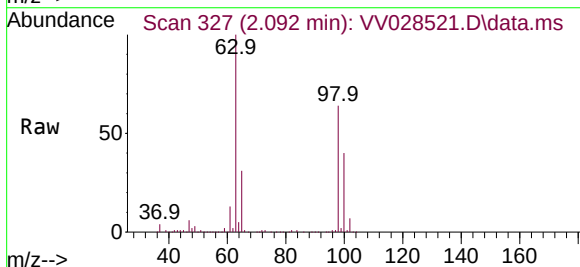
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0BF4ME

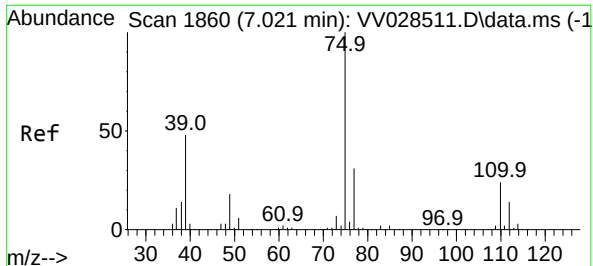
Tgt Ion: 94 Resp: 1178  
Ion Ratio Lower Upper  
94 100  
96 95.2 65.5 121.6



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.684 ug/L  
RT: 2.092 min Scan# 327  
Delta R.T. -0.019 min  
Lab File: VV028521.D  
Acq: 11 Oct 2022 14:41

Tgt Ion: 101 Resp: 1089  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.9 52.3#  
151 0.0 59.2 88.8#





#39

cis-1,3-Dichloropropene

Concen: 1.136 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV028521.D

Acq: 11 Oct 2022 14:41

Instrument :

MSVOA\_V

ClientSampleId :

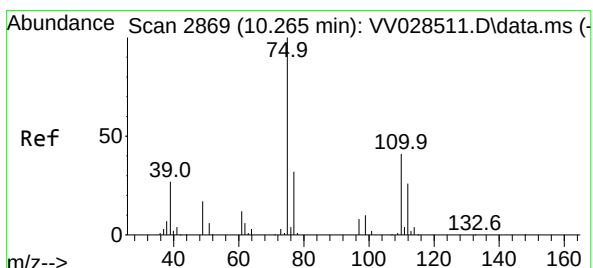
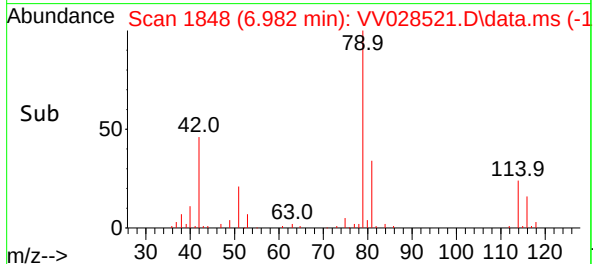
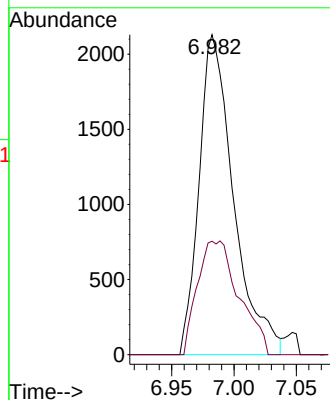
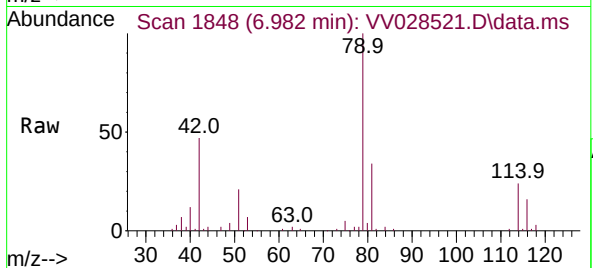
C0BF4ME

Tgt Ion: 75 Resp: 4101

Ion Ratio Lower Upper

75 100

77 35.4 23.2 43.0



#61

1,2,3-Trichloropropane

Concen: 5.165 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.981 min

Lab File: VV028521.D

Acq: 11 Oct 2022 14:41

Tgt Ion: 75 Resp: 14981

Ion Ratio Lower Upper

75 100

77 35.8 25.7 38.5

110 2.4 30.0 45.0#

