

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV122222\  
 Data File : VV029757.D  
 Acq On : 22 Dec 2022 11:42  
 Operator : SY/MD  
 Sample : VV1220WBL01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK313

Quant Time: Dec 23 02:09:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 21 00:15:13 2022  
 Response via : Initial Calibration

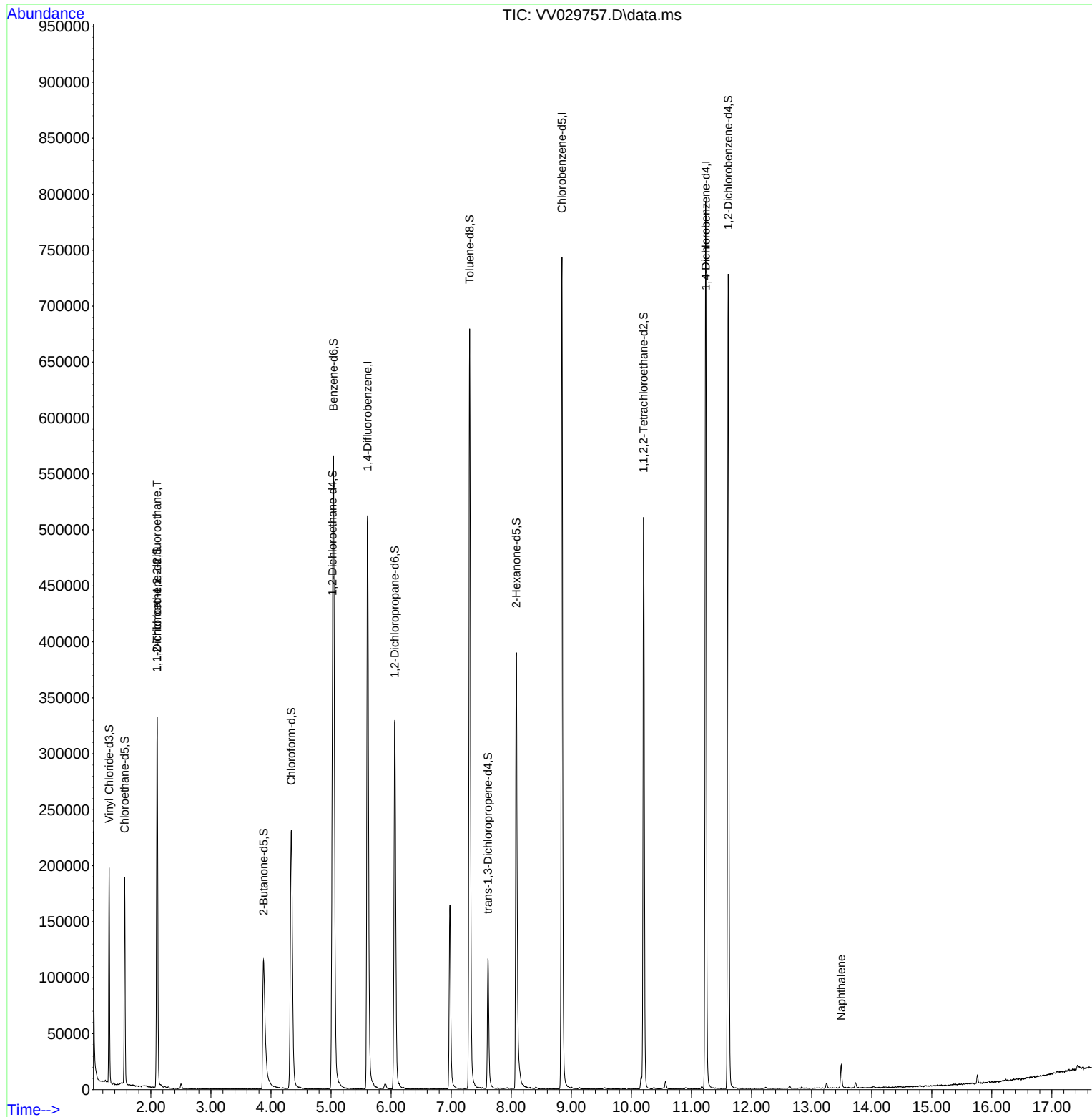
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609   | 114   | 472454   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.844   | 117   | 446085   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239  | 152   | 218727   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 124567   | 43.056   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 86.120%  |
| 7) Chloroethane-d5            | 1.564   | 69    | 113857   | 51.611   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 103.220% |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 171773   | 38.066   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 76.140%  |
| 21) 2-Butanone-d5             | 3.876   | 46    | 189759   | 107.520  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 107.520% |
| 24) Chloroform-d              | 4.339   | 84    | 257049   | 47.214   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.420%  |
| 26) 1,2-Dichloroethane-d4     | 5.024   | 65    | 155458   | 49.996   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.000% |
| 32) Benzene-d6                | 5.040   | 84    | 542667   | 46.039   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.080%  |
| 36) 1,2-Dichloropropane-d6    | 6.059   | 67    | 178218   | 49.499   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 99.000%  |
| 41) Toluene-d8                | 7.307   | 98    | 478524   | 43.087   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 86.180%  |
| 43) trans-1,3-Dichloroprop... | 7.612   | 79    | 72633    | 39.951   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 79.900%  |
| 47) 2-Hexanone-d5             | 8.085   | 63    | 154192   | 100.290  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 100.290% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.204  | 84    | 255453   | 49.651   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 99.300%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.612  | 152   | 196113   | 47.100   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 94.200%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.105   | 101   | 1897     | 0.768    | ug/L   | # 18     |
| 71) Naphthalene               | 13.493  | 128   | 19202    | 1.905    | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

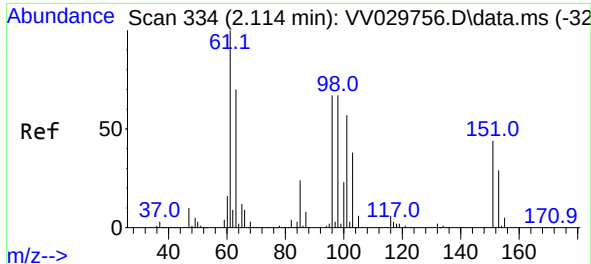
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV122222\  
Data File : VV029757.D  
Acq On : 22 Dec 2022 11:42  
Operator : SY/MD  
Sample : VV1220WBL01  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK313

Quant Time: Dec 23 02:09:05 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120722WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Dec 21 00:15:13 2022  
Response via : Initial Calibration

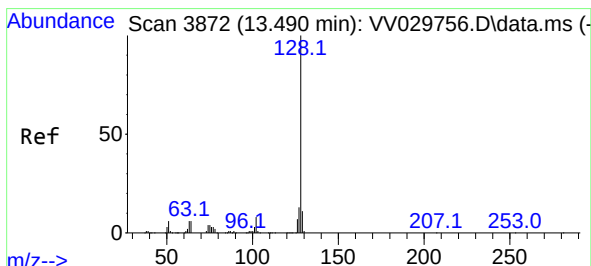
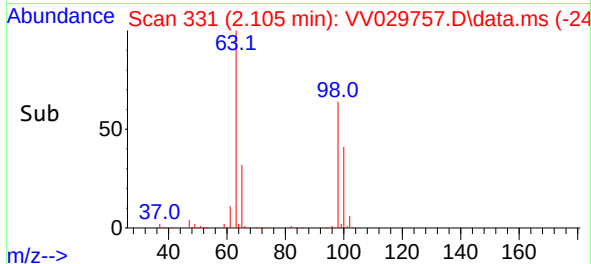
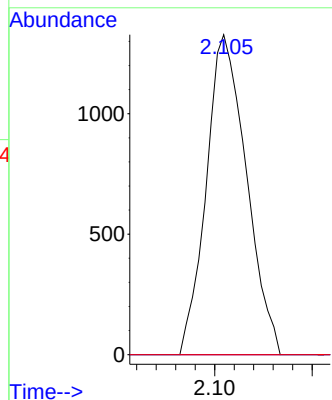
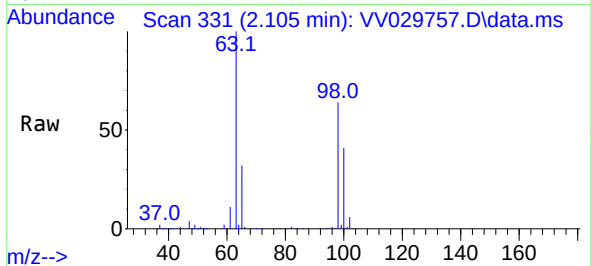




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.768 ug/L  
RT: 2.105 min Scan# 31  
Delta R.T. -0.010 min  
Lab File: VV029757.D  
Acq: 22 Dec 2022 11:42

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK313

Tgt Ion:101 Resp: 1897  
Ion Ratio Lower Upper  
101 100  
85 0.0 33.6 50.4#  
151 0.0 63.5 95.3#



#71  
Naphthalene  
Concen: 1.905 ug/L  
RT: 13.493 min Scan# 3873  
Delta R.T. 0.003 min  
Lab File: VV029757.D  
Acq: 22 Dec 2022 11:42

Tgt Ion:128 Resp: 19202  
Ion Ratio Lower Upper  
128 100  
127 11.8 10.2 15.4  
129 10.8 8.5 12.7

