

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081722\  
 Data File : VX030672.D  
 Acq On : 17 Aug 2022 19:56  
 Operator : JC/MD  
 Sample : N4221-06  
 Misc : 5.07g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 18 04:25:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 18 04:21:09 2022  
 Response via : Initial Calibration

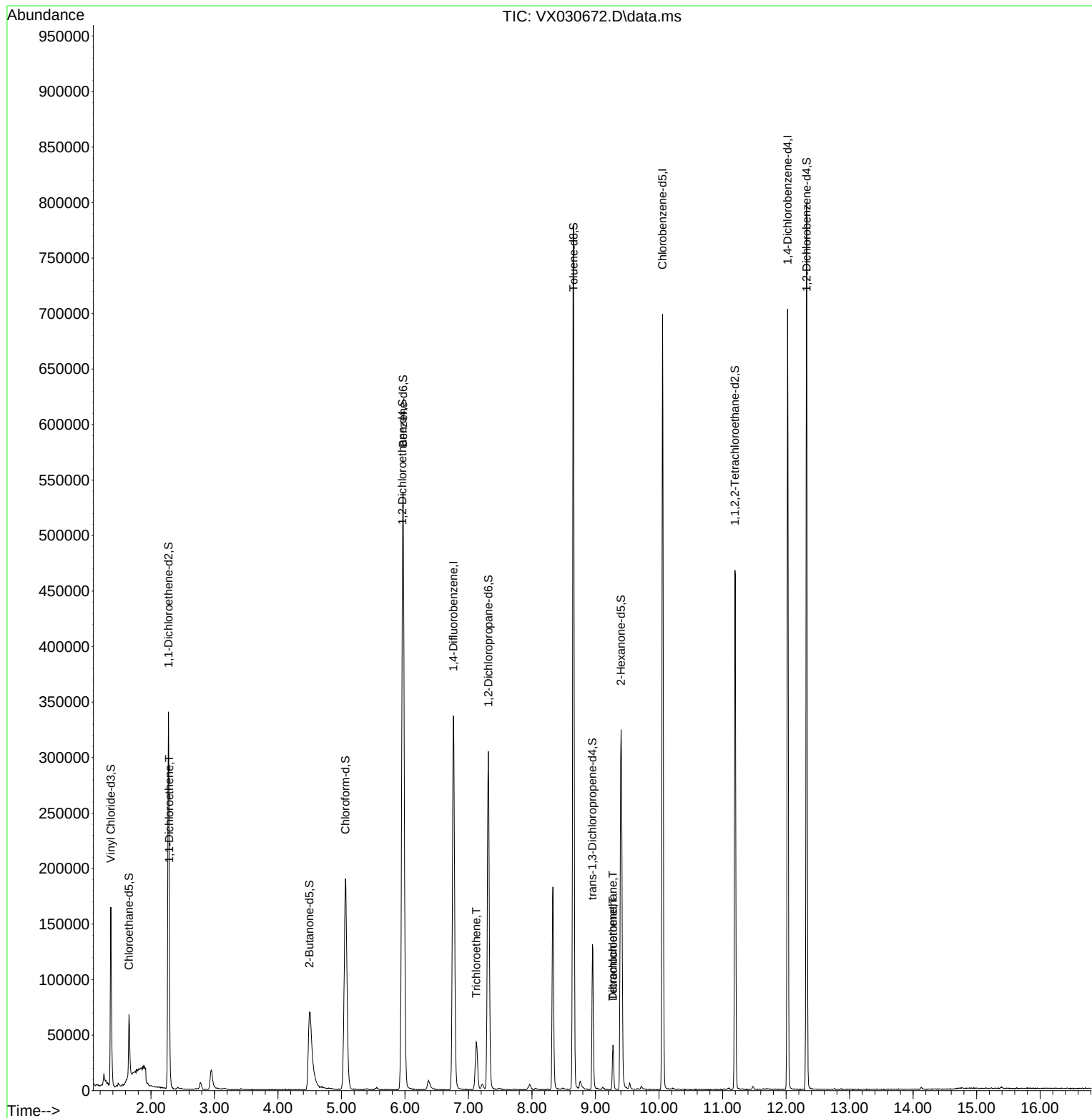
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 349354   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 315685   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 138554   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.367   | 65    | 126083   | 56.199   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 112.400% |
| 7) Chloroethane-d5            | 1.654   | 69    | 37507    | 23.715   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 47.440%# |
| 11) 1,1-Dichloroethene-d2     | 2.276   | 63    | 191055   | 45.020   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 90.040%  |
| 21) 2-Butanone-d5             | 4.495   | 46    | 190343   | 91.568   | ug/L   | 0.04     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 91.570%  |
| 24) Chloroform-d              | 5.062   | 84    | 237078   | 51.335   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.660% |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 155919   | 49.722   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 99.440%  |
| 32) Benzene-d6                | 5.970   | 84    | 527898   | 58.378   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 116.760% |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 165837   | 56.525   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 113.060% |
| 41) Toluene-d8                | 8.653   | 98    | 471355   | 55.299   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 110.600% |
| 43) trans-1,3-Dichloroprop... | 8.951   | 79    | 63775    | 43.695   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.400%  |
| 47) 2-Hexanone-d5             | 9.403   | 63    | 137438   | 91.905   | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 91.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 199603   | 51.789   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 103.580% |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 151535   | 56.387   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 112.780% |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.288   | 96    | 2800     | 1.432    | ug/L # | 1        |
| 34) Trichloroethene           | 7.123   | 95    | 14691    | 5.011    | ug/L   | 89       |
| 46) Tetrachloroethene         | 9.275   | 164   | 7306     | 3.944    | ug/L   | 84       |
| 49) Dibromochloromethane      | 9.275   | 129   | 8217     | 3.087    | ug/L # | 10       |
| -----                         |         |       |          |          |        |          |

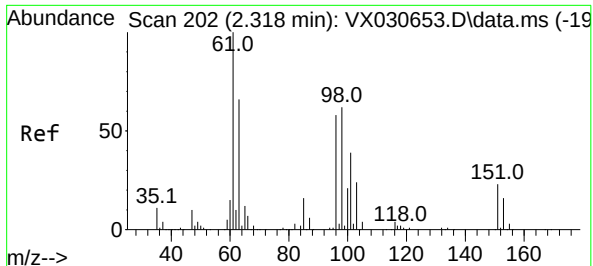
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081722\  
Data File : VX030672.D  
Acq On : 17 Aug 2022 19:56  
Operator : JC/MD  
Sample : N4221-06  
Misc : 5.07g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Aug 18 04:25:37 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM080422WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Aug 18 04:21:09 2022  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.432 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.030 min

Lab File: VX030672.D

Acq: 17 Aug 2022 19:56

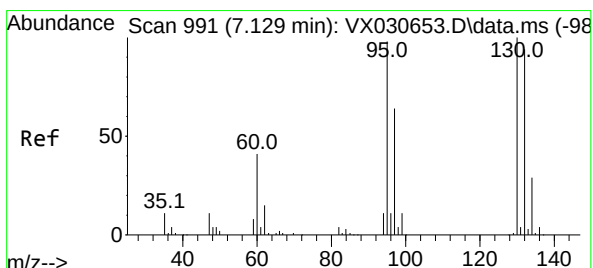
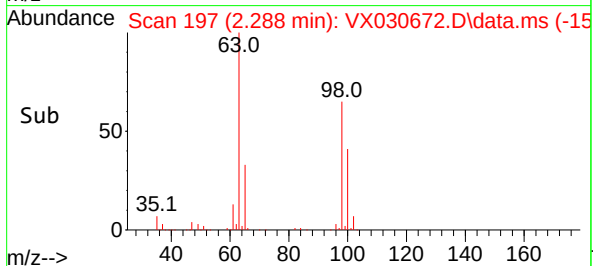
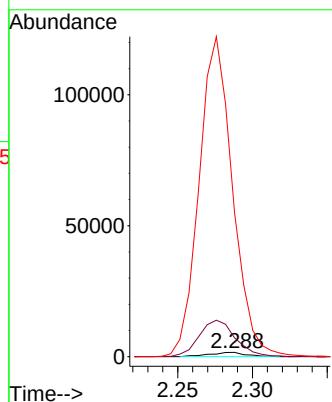
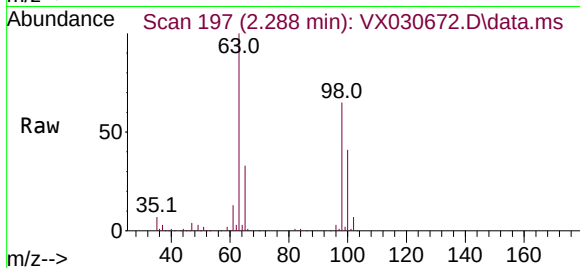
Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 96 Resp: 2800

| Ion | Ratio  | Lower | Upper  |
|-----|--------|-------|--------|
| 96  | 100    |       |        |
| 61  | 433.0  | 130.2 | 241.8# |
| 63  | 3329.8 | 113.5 | 210.9# |



#34

Trichloroethene

Concen: 5.011 ug/L

RT: 7.123 min Scan# 990

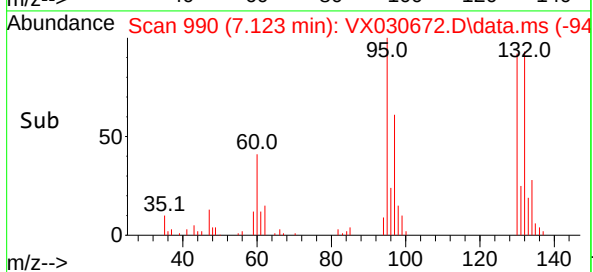
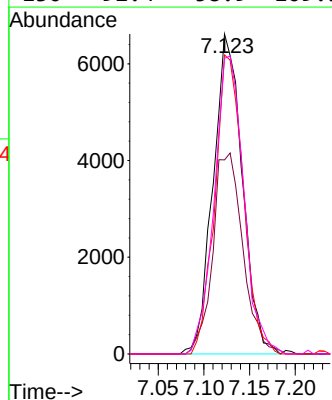
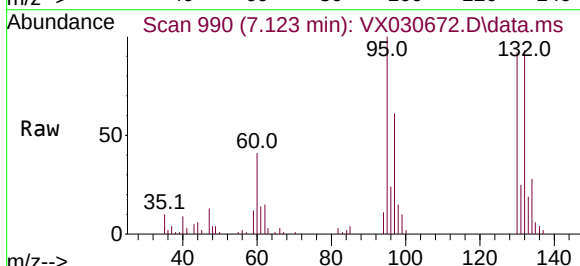
Delta R.T. -0.006 min

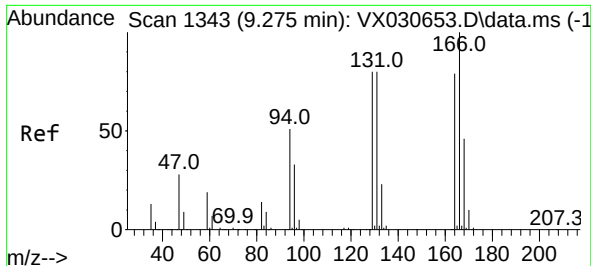
Lab File: VX030672.D

Acq: 17 Aug 2022 19:56

Tgt Ion: 95 Resp: 14691

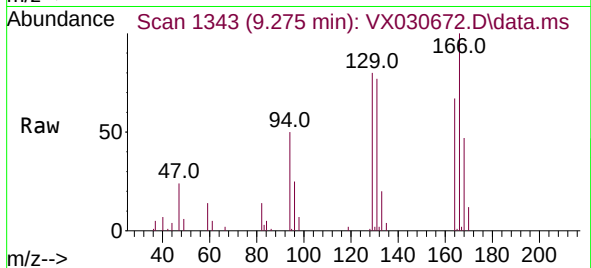
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 60.7  | 40.2  | 74.6  |
| 132 | 93.5  | 55.3  | 102.7 |
| 130 | 92.4  | 58.9  | 109.5 |



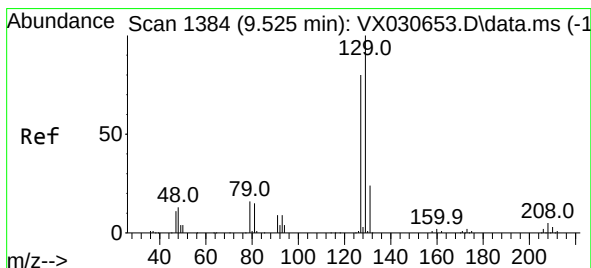
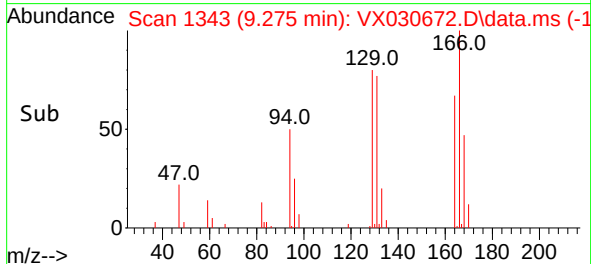
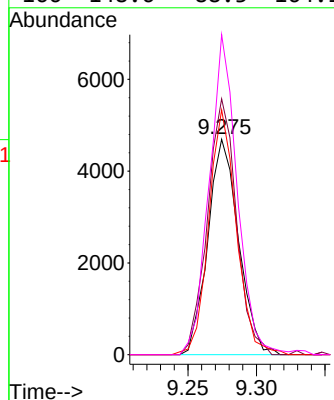


#46  
Tetrachloroethene  
Concen: 3.944 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX030672.D  
Acq: 17 Aug 2022 19:56

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:164 Resp: 7306  
Ion Ratio Lower Upper  
164 100  
129 118.8 72.7 135.1  
131 113.7 69.9 129.9  
166 148.6 88.3 164.1



#49  
Dibromochloromethane  
Concen: 3.087 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.250 min  
Lab File: VX030672.D  
Acq: 17 Aug 2022 19:56

Tgt Ion:129 Resp: 8217  
Ion Ratio Lower Upper  
129 100  
127 0.0 55.6 103.2#

