

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122921\  
 Data File : VX026144.D  
 Acq On : 29 Dec 2021 17:16  
 Operator : JC/MD  
 Sample : M5171-15  
 Misc : 6.23g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BGLB1ME

Quant Time: Dec 30 02:43:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 30 02:39:24 2021  
 Response via : Initial Calibration

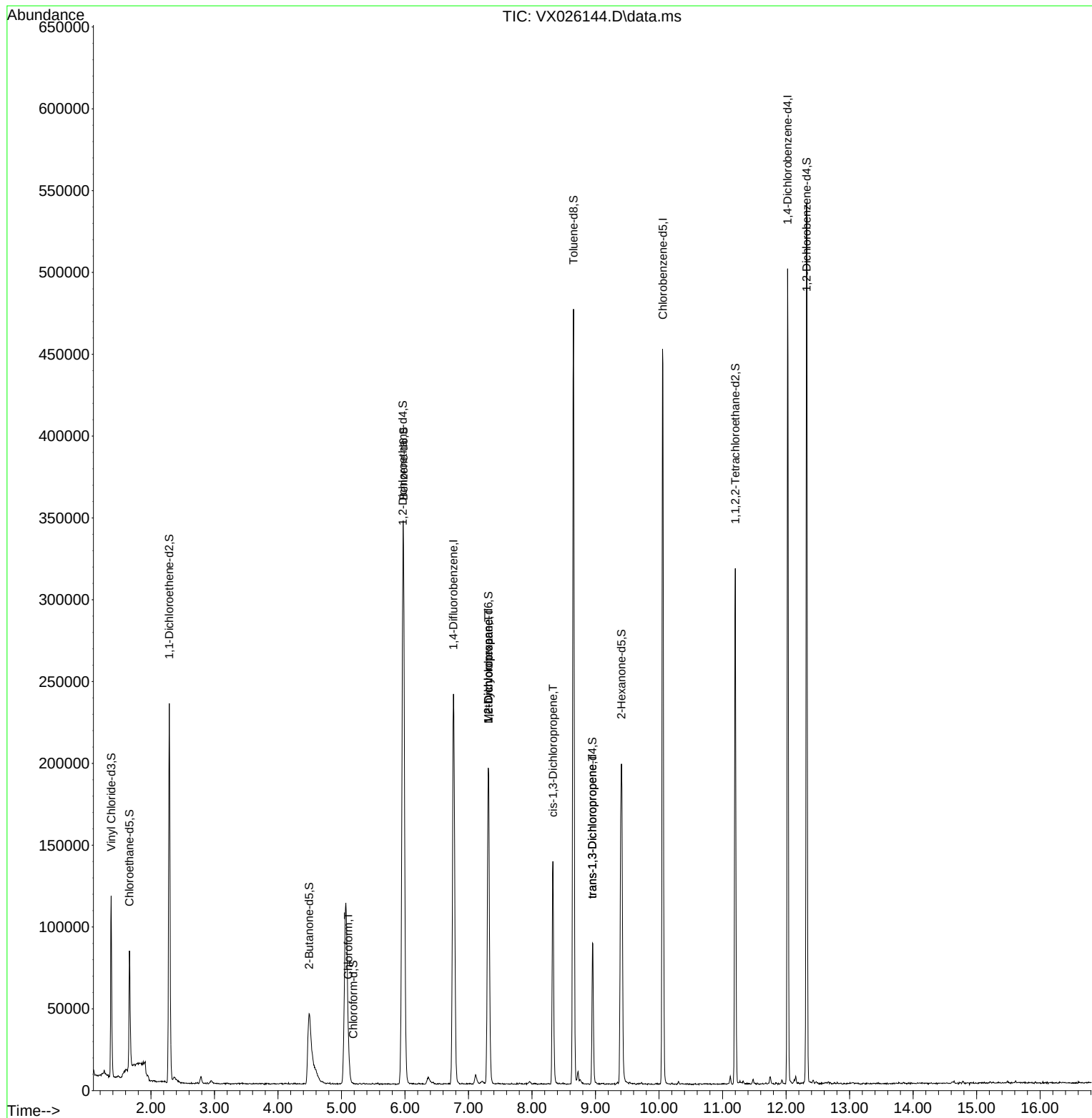
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 239900   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.061  | 117   | 205847   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 98306    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.373   | 65    | 80618    | 43.297   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 86.600%  |
| 7) Chloroethane-d5            | 1.660   | 69    | 48995    | 36.197   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 72.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.288   | 63    | 133430   | 39.259   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 78.520%  |
| 21) 2-Butanone-d5             | 4.489   | 46    | 114417   | 88.928   | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 88.930%  |
| 24) Chloroform-d              | 5.184   | 84    | 152      | 0.048    | ug/L   | 0.13     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 0.100%#  |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 104330   | 50.898   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 101.800% |
| 32) Benzene-d6                | 5.976   | 84    | 311003   | 52.404   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 104.800% |
| 36) 1,2-Dichloropropane-d6    | 7.311   | 67    | 95916    | 52.244   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 104.480% |
| 41) Toluene-d8                | 8.653   | 98    | 273831   | 50.593   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 101.180% |
| 43) trans-1,3-Dichloroprop... | 8.951   | 79    | 40958    | 45.702   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 91.400%  |
| 47) 2-Hexanone-d5             | 9.409   | 63    | 86624    | 101.168  | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 101.170% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.201  | 84    | 125232   | 51.253   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 102.500% |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 104300   | 55.620   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 111.240% |
| Target Compounds              |         |       |          |          |        |          |
| 25) Chloroform                | 5.105   | 83    | 20749    | 7.121    | ug/L   | 97       |
| 35) Methylcyclohexane         | 7.311   | 83    | 22943    | 9.295    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 7.311   | 63    | 11837    | 7.565    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 8.330   | 75    | 3323     | 1.377    | ug/L   | 90       |
| 44) trans-1,3-Dichloropropene | 8.951   | 75    | 2228     | 0.964    | ug/L   | 84       |
| -----                         |         |       |          |          |        |          |

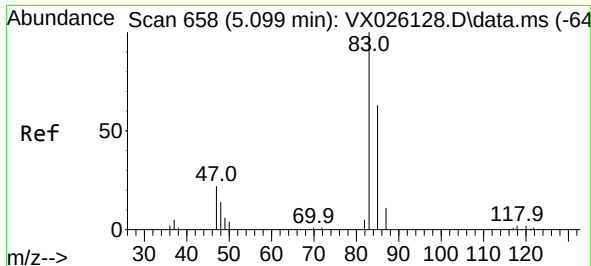
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122921\  
Data File : VX026144.D  
Acq On : 29 Dec 2021 17:16  
Operator : JC/MD  
Sample : M5171-15  
Misc : 6.23g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLB1ME

Quant Time: Dec 30 02:43:07 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122821WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Dec 30 02:39:24 2021  
Response via : Initial Calibration

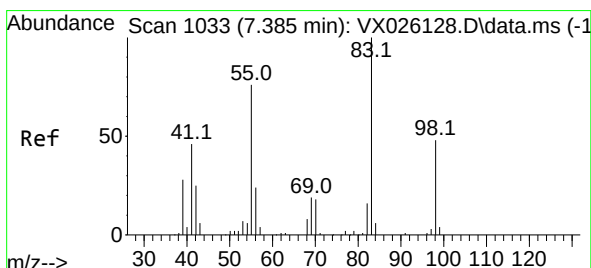
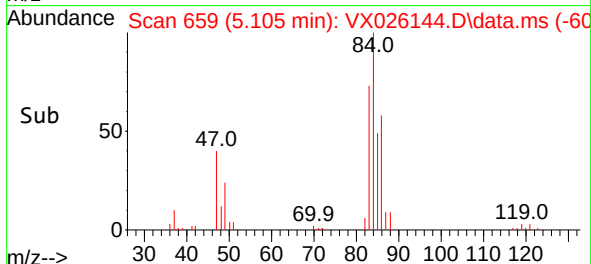
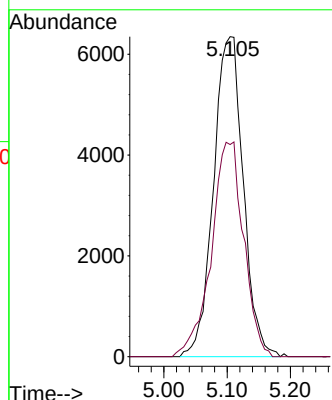
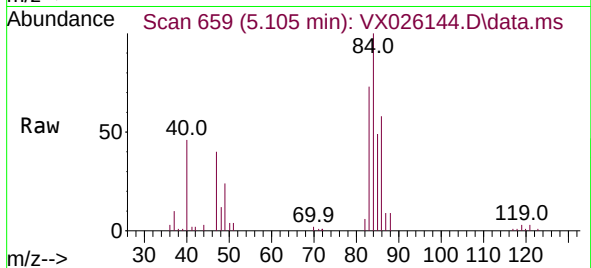




#25  
Chloroform  
Concen: 7.121 ug/L  
RT: 5.105 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX026144.D  
Acq: 29 Dec 2021 17:16

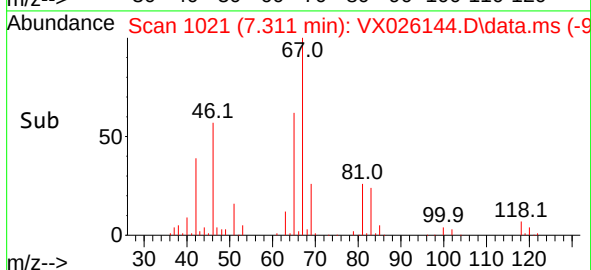
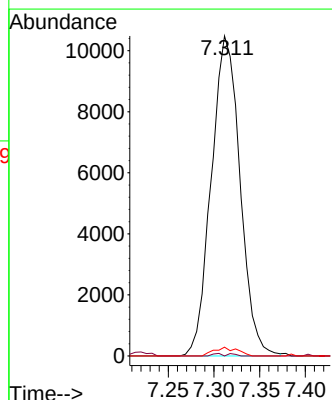
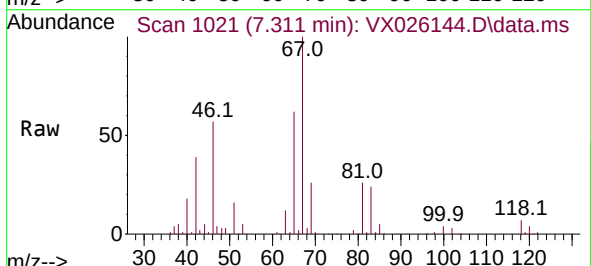
Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLB1ME

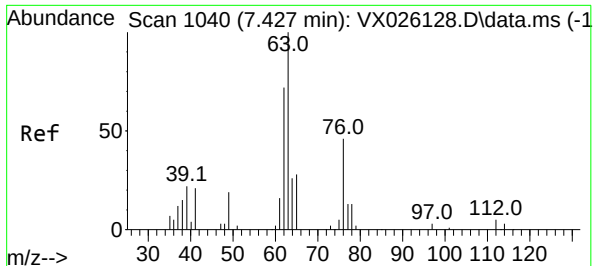
Tgt Ion: 83 Resp: 20749  
Ion Ratio Lower Upper  
83 100  
85 66.3 44.5 82.7



#35  
Methylcyclohexane  
Concen: 9.295 ug/L  
RT: 7.311 min Scan# 1021  
Delta R.T. -0.073 min  
Lab File: VX026144.D  
Acq: 29 Dec 2021 17:16

Tgt Ion: 83 Resp: 22943  
Ion Ratio Lower Upper  
83 100  
55 0.2 62.9 94.3#  
98 1.5 40.6 61.0#





#37

1,2-Dichloropropane

Concen: 7.565 ug/L

RT: 7.311 min Scan# 11837

Delta R.T. -0.116 min

Lab File: VX026144.D

Acq: 29 Dec 2021 17:16

Instrument :

MSVOA\_X

ClientSampleId :

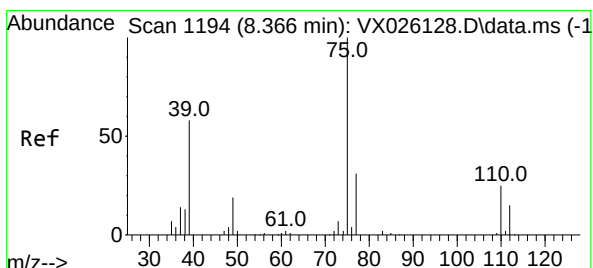
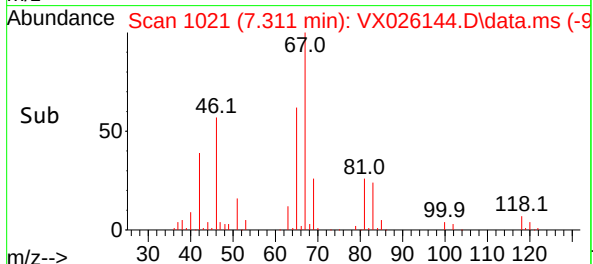
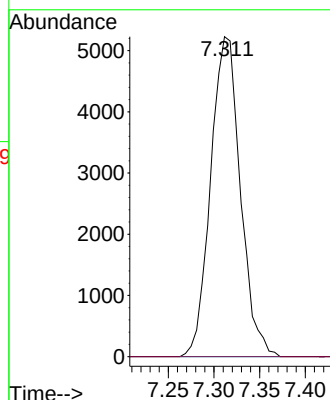
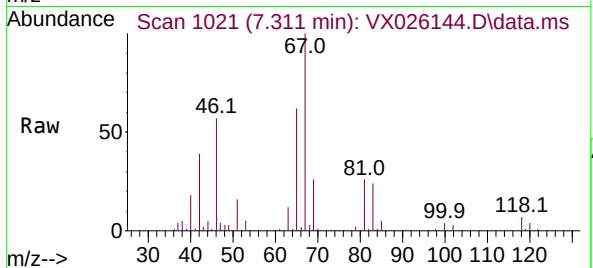
BGLB1ME

Tgt Ion: 63 Resp: 11837

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.377 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX026144.D

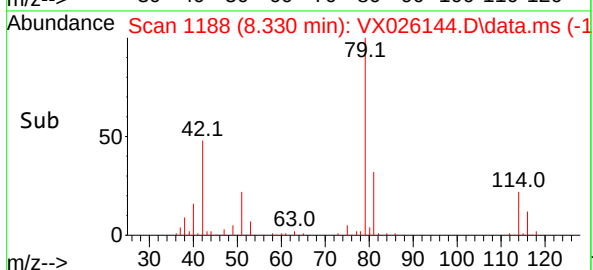
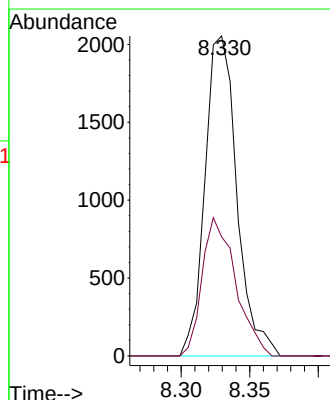
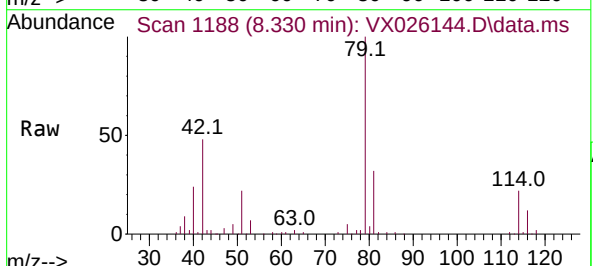
Acq: 29 Dec 2021 17:16

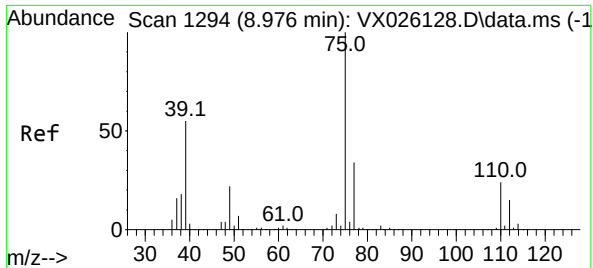
Tgt Ion: 75 Resp: 3323

Ion Ratio Lower Upper

75 100

77 37.2 22.0 41.0





#44  
trans-1,3-Dichloropropene  
Concen: 0.964 ug/L  
RT: 8.951 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: VX026144.D  
Acq: 29 Dec 2021 17:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGLB1ME

Tgt Ion: 75 Resp: 2228  
Ion Ratio Lower Upper  
75 100  
77 41.2 22.5 41.7

