

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120821\  
 Data File : VX025647.D  
 Acq On : 09 Dec 2021 02:05  
 Operator : JC/MD  
 Sample : M4975-12  
 Misc : 5.53g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 09 03:33:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM112221WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 09 03:12:30 2021  
 Response via : Initial Calibration

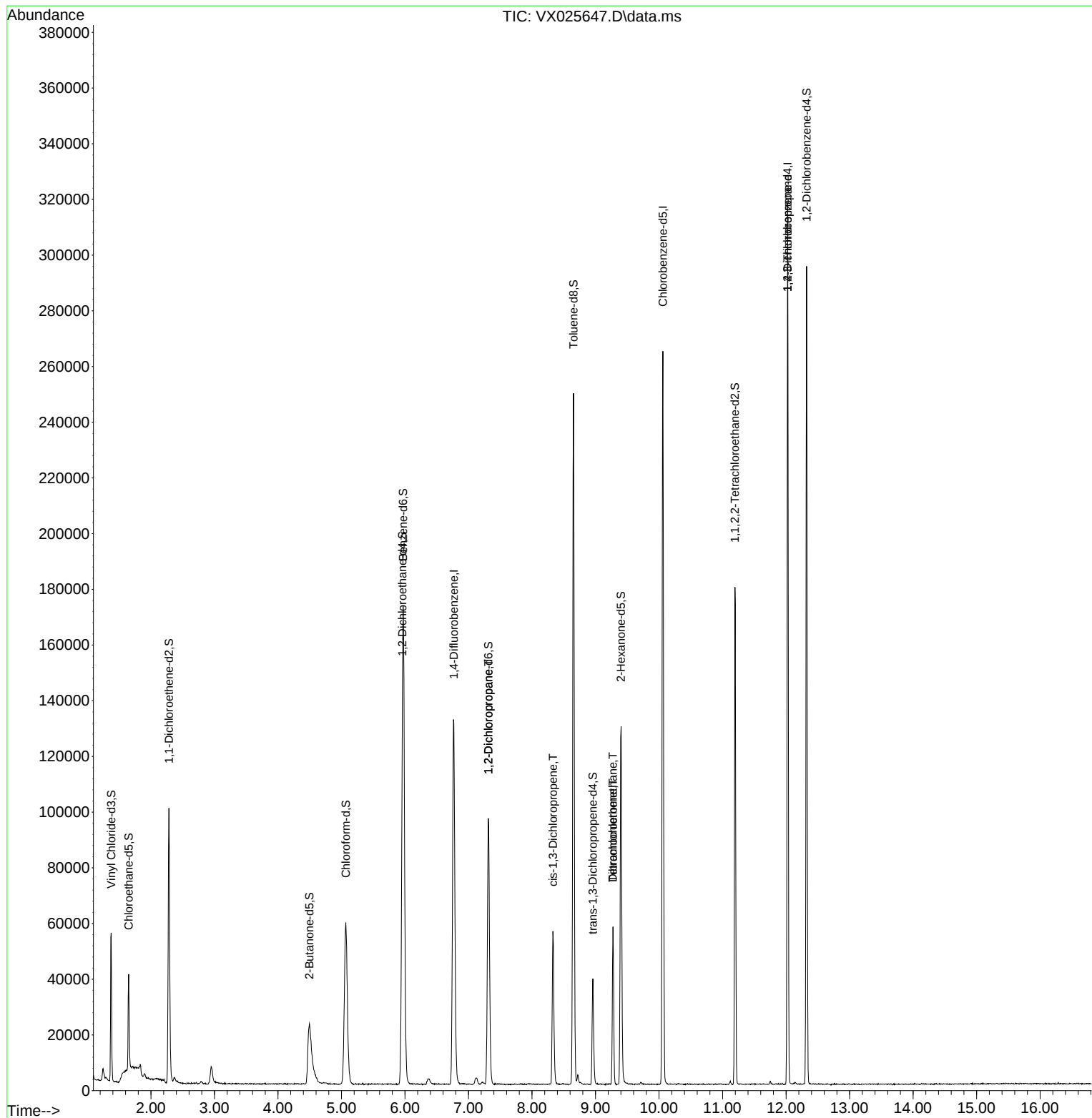
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 152106   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.061  | 117   | 135151   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 66774    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.374   | 65    | 38561    | 37.147   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 74.300%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 21093    | 24.620   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 49.240%# |
| 11) 1,1-Dichloroethene-d2     | 2.282   | 63    | 57486    | 34.732   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 69.460%  |
| 21) 2-Butanone-d5             | 4.495   | 46    | 62090    | 80.352   | ug/L   | 0.04     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 80.350%  |
| 24) Chloroform-d              | 5.068   | 84    | 78189    | 43.098   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 52413    | 46.349   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.700%  |
| 32) Benzene-d6                | 5.970   | 84    | 171289   | 47.820   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.640%  |
| 36) 1,2-Dichloropropane-d6    | 7.311   | 67    | 50849    | 45.851   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 91.700%  |
| 41) Toluene-d8                | 8.653   | 98    | 155037   | 45.856   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 91.720%  |
| 43) trans-1,3-Dichloroprop... | 8.958   | 79    | 19819    | 35.546   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 71.100%  |
| 47) 2-Hexanone-d5             | 9.403   | 63    | 44452    | 77.002   | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 77.000%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 66534    | 42.450   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 84.900%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 60683    | 46.335   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 92.660%  |
| Target Compounds              |         |       |          |          |        |          |
| 37) 1,2-Dichloropropane       | 7.311   | 63    | 5698     | 6.292    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 8.330   | 75    | 1571     | 1.065    | ug/L # | 82       |
| 46) Tetrachloroethene         | 9.275   | 164   | 10806    | 13.417   | ug/L   | 97       |
| 49) Dibromochloromethane      | 9.275   | 129   | 10079    | 9.099    | ug/L # | 12       |
| 61) 1,2,3-Trichloropropane    | 12.024  | 75    | 7491     | 6.558    | ug/L # | 64       |

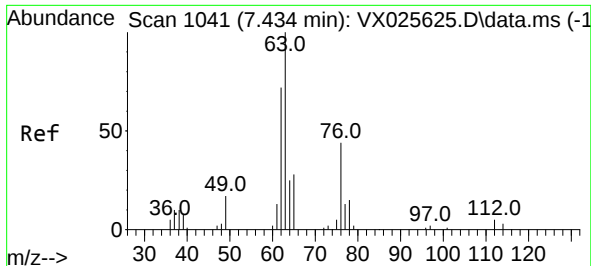
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120821\  
Data File : VX025647.D  
Acq On : 09 Dec 2021 02:05  
Operator : JC/MD  
Sample : M4975-12  
Misc : 5.53g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Dec 09 03:33:48 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM112221WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Dec 09 03:12:30 2021  
Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 6.292 ug/L

RT: 7.311 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX025647.D

Acq: 09 Dec 2021 02:05

Instrument :

MSVOA\_X

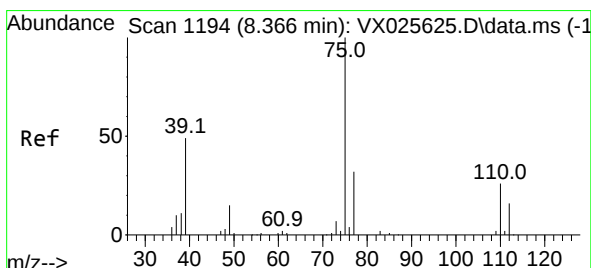
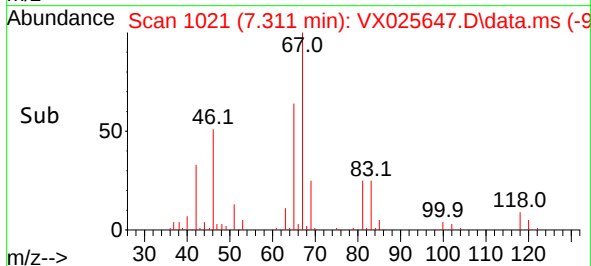
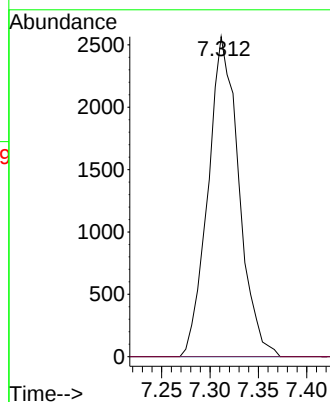
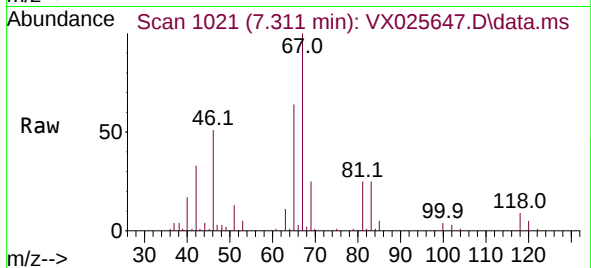
ClientSampleId :

Tgt Ion: 63 Resp: 5698

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.065 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025647.D

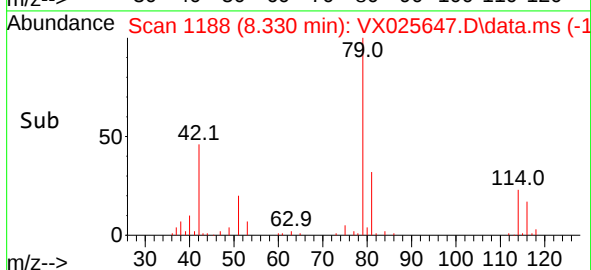
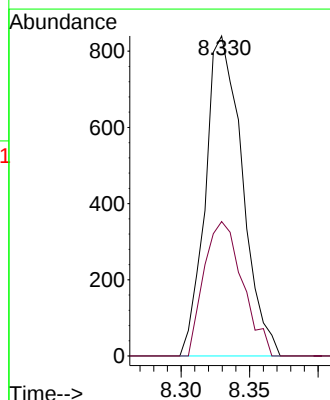
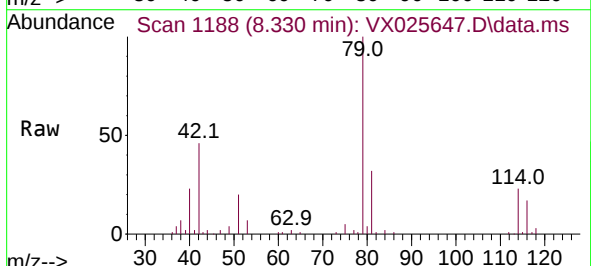
Acq: 09 Dec 2021 02:05

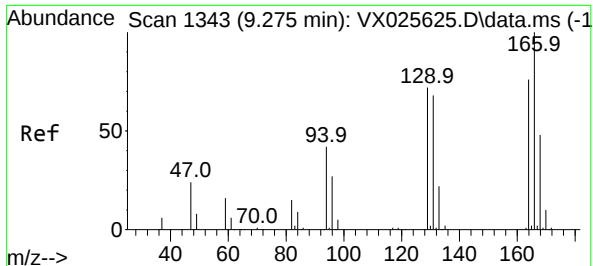
Tgt Ion: 75 Resp: 1571

Ion Ratio Lower Upper

75 100

77 42.0 22.3 41.3#





#46

Tetrachloroethene

Concen: 13.417 ug/L

RT: 9.275 min Scan# 1

Delta R.T. -0.000 min

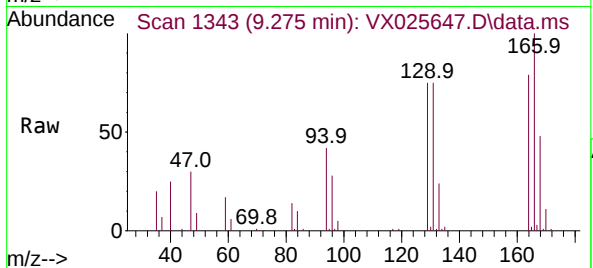
Lab File: VX025647.D

Acq: 09 Dec 2021 02:05

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion:164 Resp: 10806

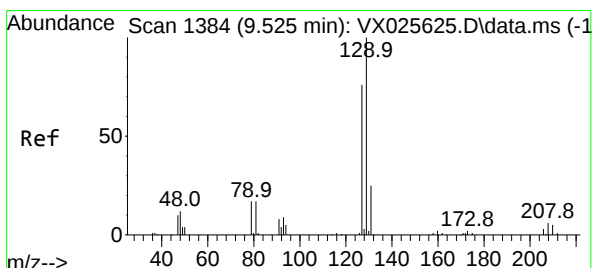
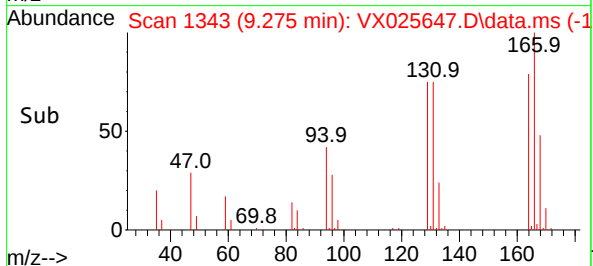
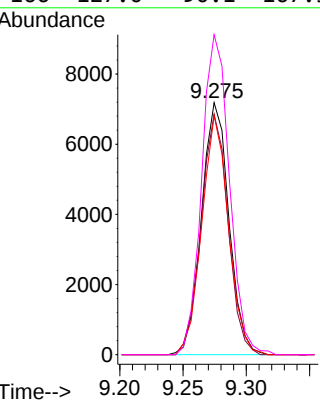
Ion Ratio Lower Upper

164 100

129 95.4 64.7 120.1

131 94.9 63.2 117.4

166 127.0 90.1 167.3



#49

Dibromochloromethane

Concen: 9.099 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX025647.D

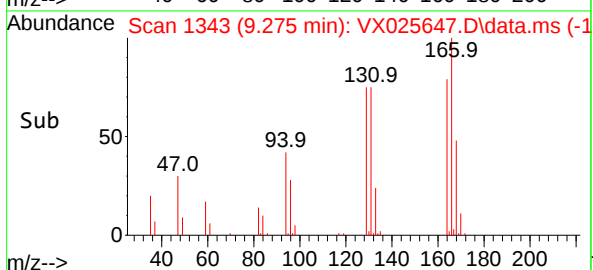
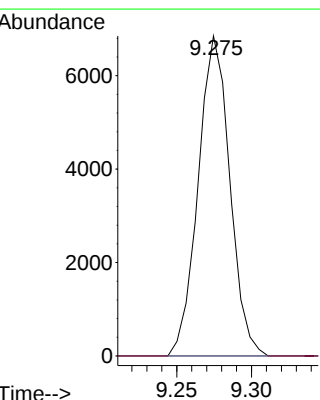
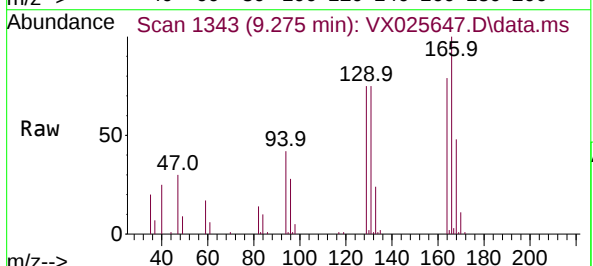
Acq: 09 Dec 2021 02:05

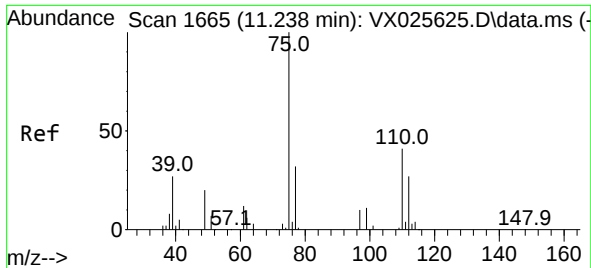
Tgt Ion:129 Resp: 10079

Ion Ratio Lower Upper

129 100

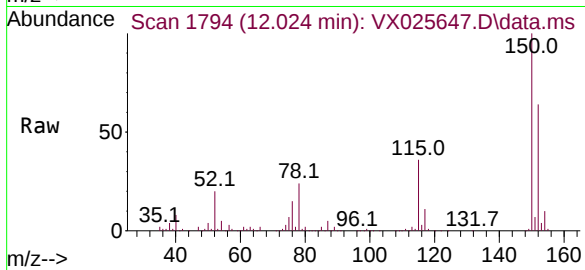
127 0.0 52.4 97.2#





#61  
 1,2,3-Trichloropropane  
 Concen: 6.558 ug/L  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.786 min  
 Lab File: VX025647.D  
 Acq: 09 Dec 2021 02:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion: 75 Resp: 7491  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.8 38.8  
 110 3.3 34.7 52.1#

