

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120524\  
 Data File : VX044153.D  
 Acq On : 05 Dec 2024 17:26  
 Operator : JC/MD  
 Sample : P5066-09 20X  
 Misc : 3.64g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 06 04:10:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML120524WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 06 03:51:43 2024  
 Response via : Initial Calibration

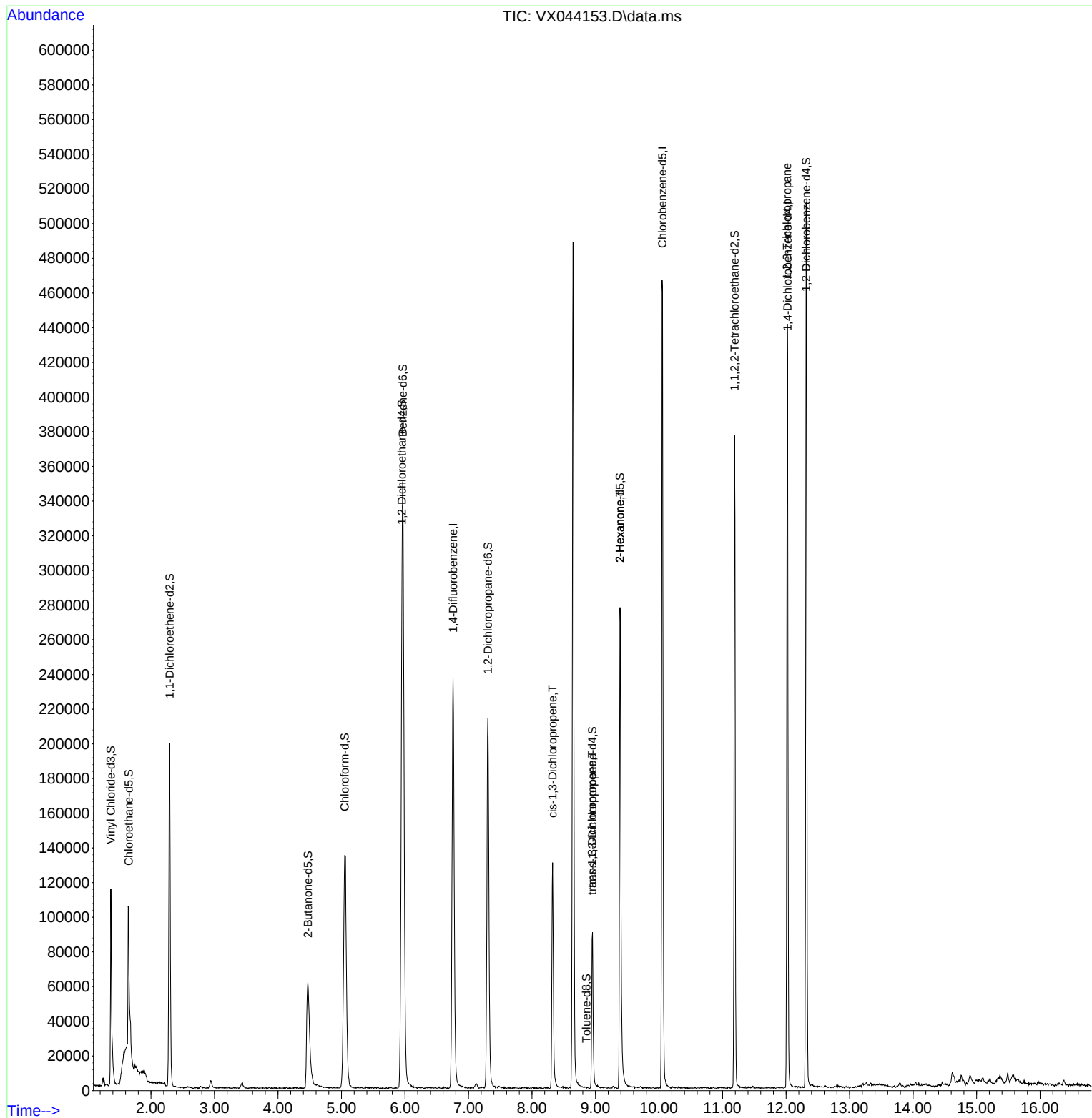
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.757          | 114  | 230242     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 197054     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 84486      | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 86914      | 41.250  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 82.500% |        |          |
| 7) Chloroethane-d5            | 1.648          | 69   | 63339      | 38.807  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 77.620% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.294          | 65   | 36716      | 40.746  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 81.500% |        |          |
| 21) 2-Butanone-d5             | 4.471          | 46   | 120602     | 93.490  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 93.490% |        |          |
| 24) Chloroform-d              | 5.050          | 84   | 170562     | 42.635  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.280% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 122963     | 43.464  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.920% |        |          |
| 32) Benzene-d6                | 5.964          | 84   | 308905     | 45.368  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.740% |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.306          | 67   | 99867      | 47.236  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 94.480% |        |          |
| 41) Toluene-d8                | 8.854          | 98   | 551        | 0.088   | ug/L   | 0.21     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 0.180%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 42579      | 41.909  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 83.820% |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 81865      | 99.309  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 99.310% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 131785     | 46.487  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 92.980% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 92108      | 46.791  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.580% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 39) cis-1,3-Dichloropropene   | 8.324          | 75   | 3357       | 1.334   | ug/L # | 56       |
| 44) trans-1,3-Dichloropropene | 8.946          | 75   | 2332       | 0.978   | ug/L   | 88       |
| 48) 2-Hexanone                | 9.384          | 43   | 11905      | 6.078   | ug/L # | 66       |
| 61) 1,2,3-Trichloropropane    | 12.018         | 75   | 12964      | 6.625   | ug/L # | 64       |
| -----                         |                |      |            |         |        |          |

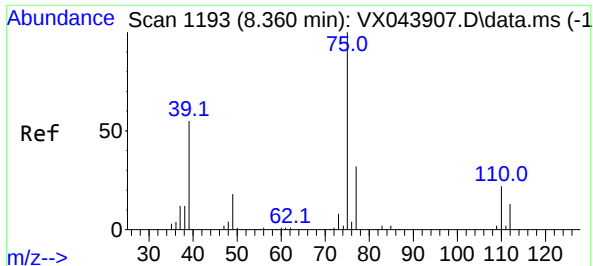
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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Quant Time: Dec 06 04:10:01 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM120524WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 06 03:51:43 2024  
Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 1.334 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX044153.D

Acq: 05 Dec 2024 17:26

Instrument :

MSVOA\_X

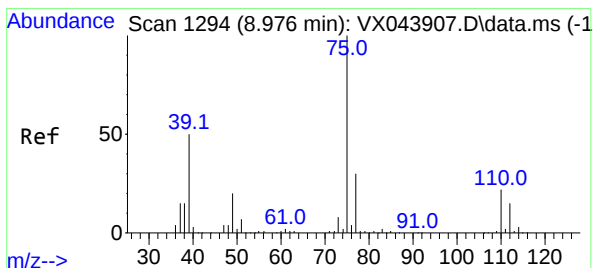
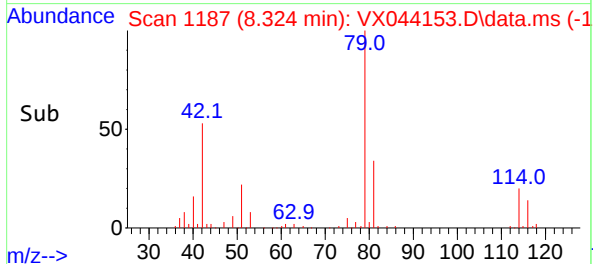
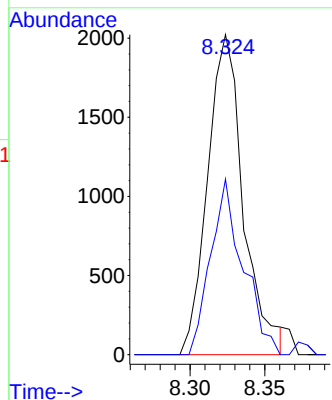
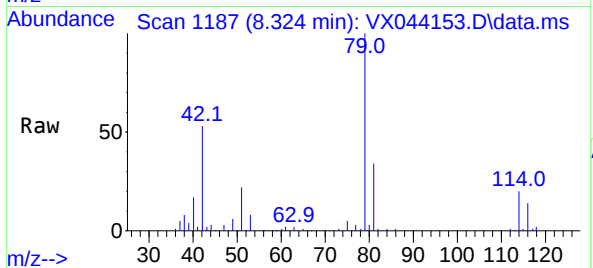
ClientSampleId :

Tgt Ion: 75 Resp: 3357

Ion Ratio Lower Upper

75 100

77 54.8 21.6 40.0#



#44

trans-1,3-Dichloropropene

Concen: 0.978 ug/L

RT: 8.946 min Scan# 1289

Delta R.T. -0.031 min

Lab File: VX044153.D

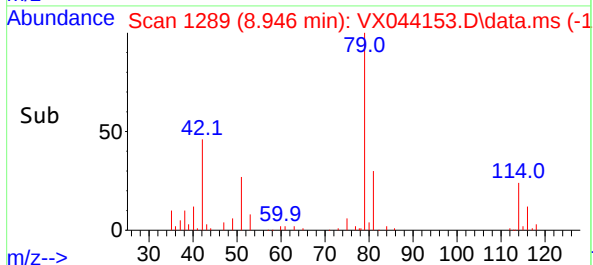
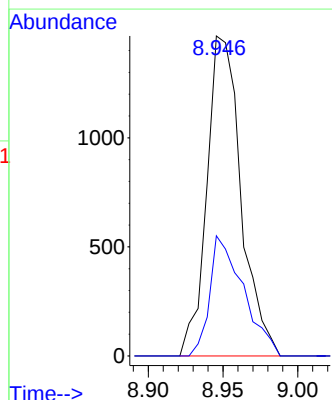
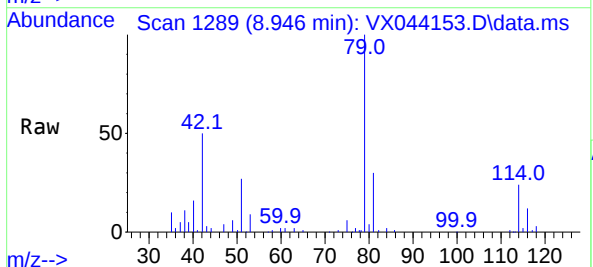
Acq: 05 Dec 2024 17:26

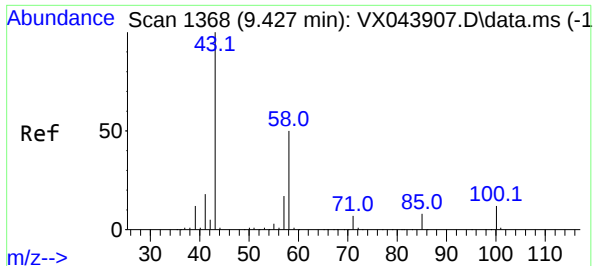
Tgt Ion: 75 Resp: 2332

Ion Ratio Lower Upper

75 100

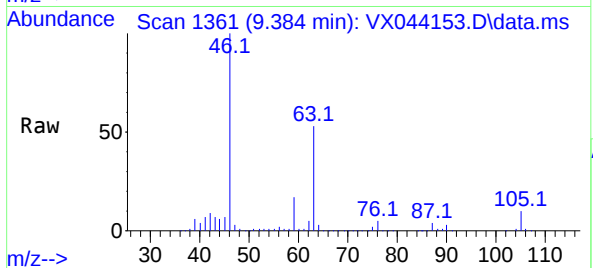
77 37.6 21.8 40.6



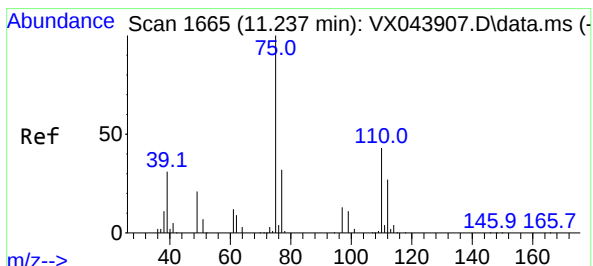
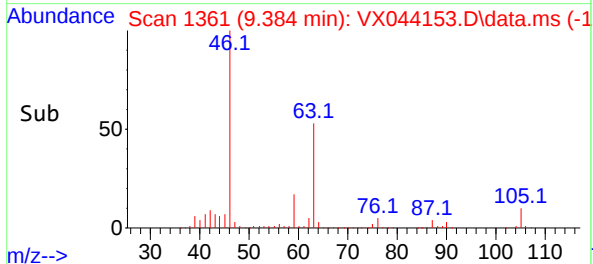
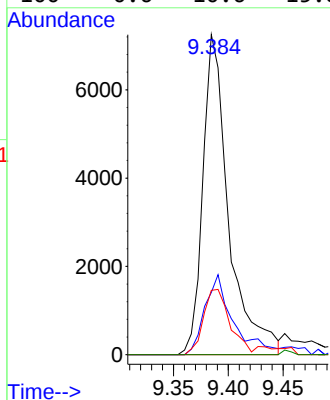


#48  
2-Hexanone  
Concen: 6.078 ug/L  
RT: 9.384 min Scan# 11905  
Delta R.T. -0.049 min  
Lab File: VX044153.D  
Acq: 05 Dec 2024 17:26

Instrument :  
MSVOA\_X  
ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 23.7  | 45.4  | 68.2# |
| 57      | 20.9  | 15.4  | 23.0  |
| 100     | 0.6   | 10.6  | 15.8# |



#61  
1,2,3-Trichloropropane  
Concen: 6.625 ug/L  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.780 min  
Lab File: VX044153.D  
Acq: 05 Dec 2024 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 35.2  | 25.8  | 38.6  |
| 110     | 3.4   | 33.3  | 49.9# |

