

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041224\  
 Data File : VX041053.D  
 Acq On : 13 Apr 2024 00:00  
 Operator : JC/MD  
 Sample : P2098-03 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Apr 13 04:24:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 13 04:06:48 2024  
 Response via : Initial Calibration

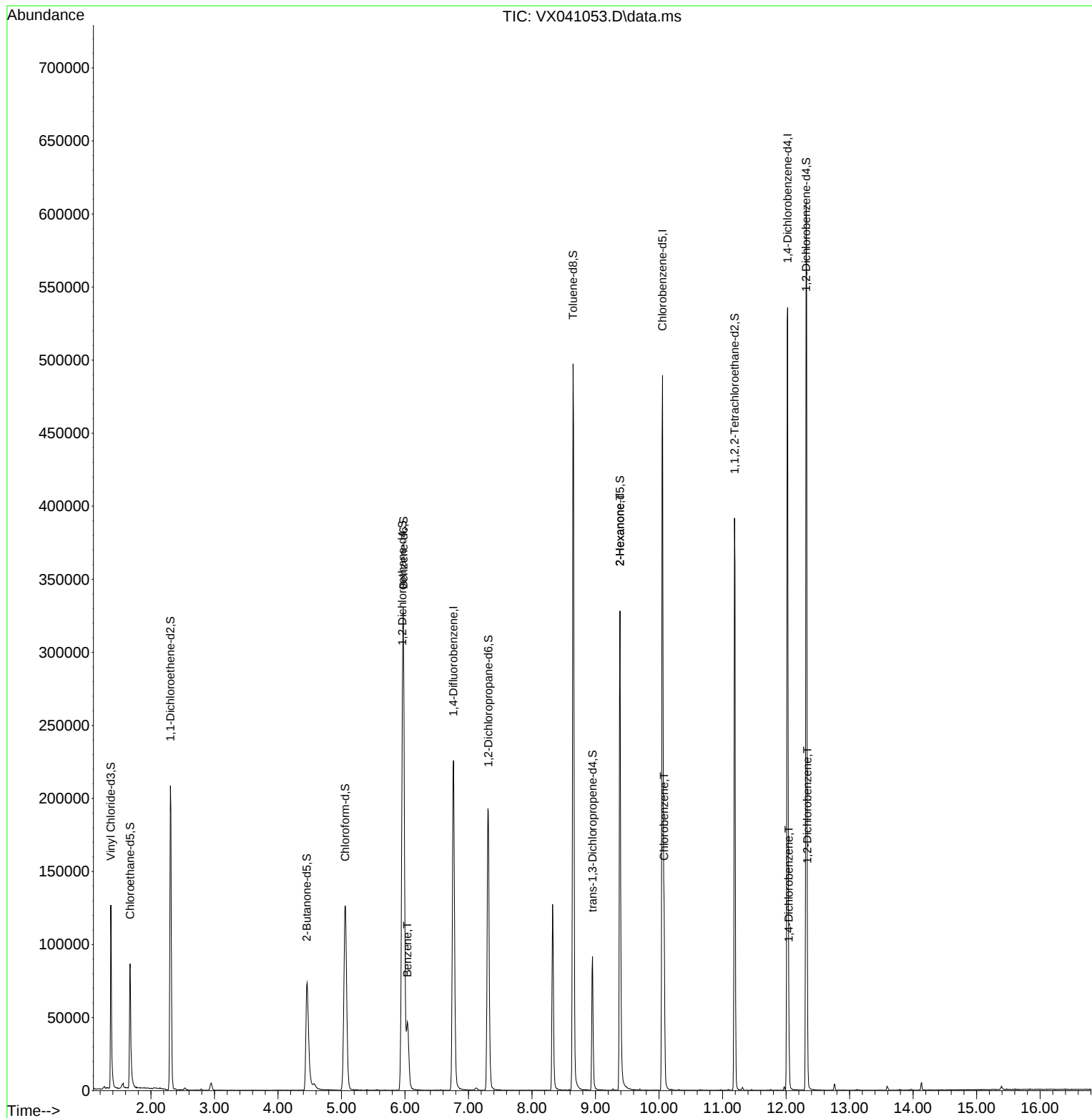
| Compound                      | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                         |                |      |                      |         |        |          |
| Internal Standards            |                |      |                      |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 244256               | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 233438               | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 125799               | 50.000  | ug/L   | 0.00     |
|                               |                |      |                      |         |        |          |
| System Monitoring Compounds   |                |      |                      |         |        |          |
| 4) Vinyl Chloride-d3          | 1.367          | 65   | 88345                | 50.851  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 101.700%  |         |        |          |
| 7) Chloroethane-d5            | 1.672          | 69   | 75109                | 53.009  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 106.020%  |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.306          | 65   | 36673                | 49.443  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 98.880%   |         |        |          |
| 21) 2-Butanone-d5             | 4.452          | 46   | 127791               | 135.035 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 135.040%# |         |        |          |
| 24) Chloroform-d              | 5.056          | 84   | 165563               | 51.074  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 102.140%  |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.958          | 65   | 110182               | 52.254  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 104.500%  |         |        |          |
| 32) Benzene-d6                | 5.976          | 84   | 332018               | 52.390  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 104.780%  |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.311          | 67   | 98863                | 53.488  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 106.980%  |         |        |          |
| 41) Toluene-d8                | 8.646          | 98   | 305135               | 49.284  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 98.560%   |         |        |          |
| 43) trans-1,3-Dichloroprop... | 8.951          | 79   | 43872                | 47.167  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 94.340%   |         |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 89707                | 115.116 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 115.120%  |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 146808               | 53.620  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 107.240%  |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 139846               | 55.417  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 110.840%  |         |        |          |
|                               |                |      |                      |         |        |          |
| Target Compounds              |                |      |                      |         | Qvalue |          |
| 33) Benzene                   | 6.037          | 78   | 55293                | 9.129   | ug/L   | 100      |
| 48) 2-Hexanone                | 9.384          | 43   | 12665                | 6.640   | ug/L # | 72       |
| 51) Chlorobenzene             | 10.079         | 112  | 52778                | 11.228  | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 12.042         | 146  | 15301                | 3.862   | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 12.335         | 146  | 8909                 | 2.380   | ug/L   | 98       |
| -----                         |                |      |                      |         |        |          |

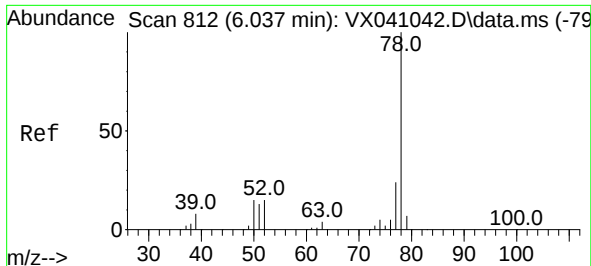
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Apr 13 04:06:48 2024  
Response via : Initial Calibration





#33

Benzene

Concen: 9.129 ug/L

RT: 6.037 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX041053.D

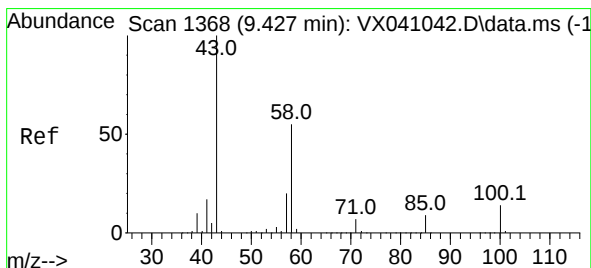
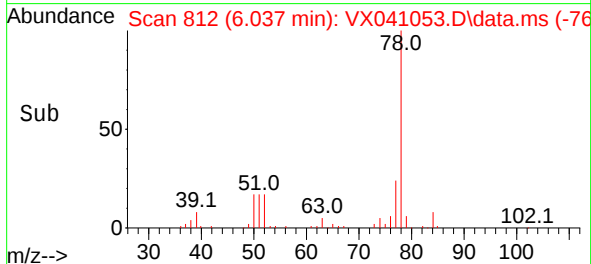
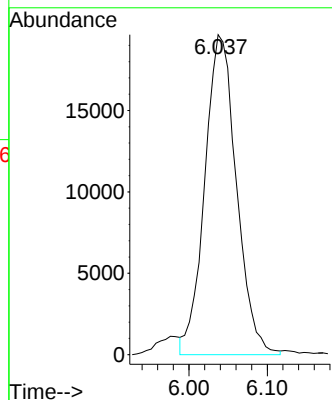
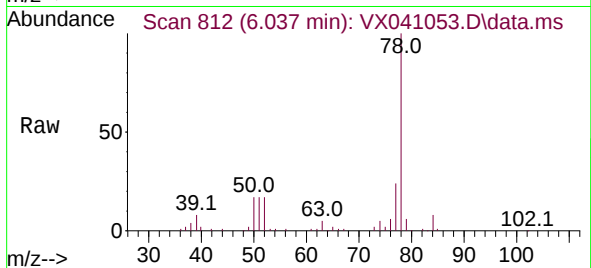
Acq: 13 Apr 2024 00:00

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 78 Resp: 55293



#48

2-Hexanone

Concen: 6.640 ug/L

RT: 9.384 min Scan# 1361

Delta R.T. -0.043 min

Lab File: VX041053.D

Acq: 13 Apr 2024 00:00

Tgt Ion: 43 Resp: 12665

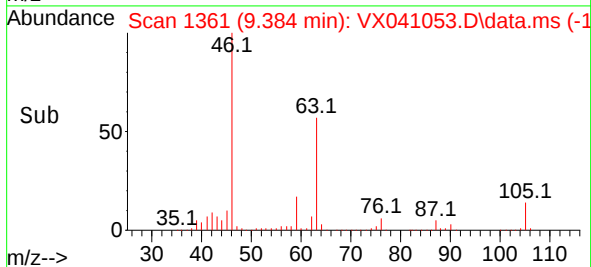
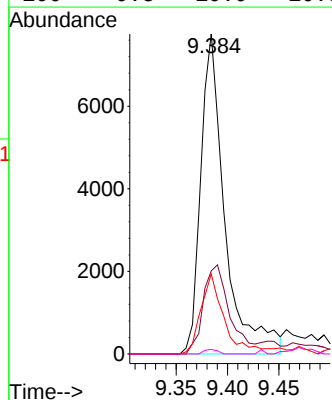
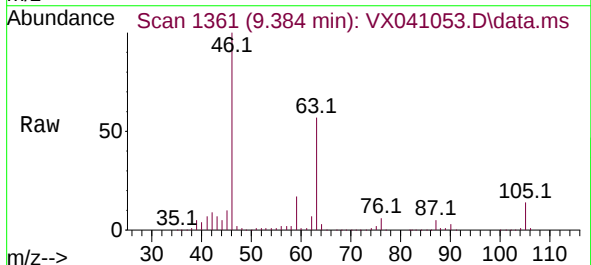
Ion Ratio Lower Upper

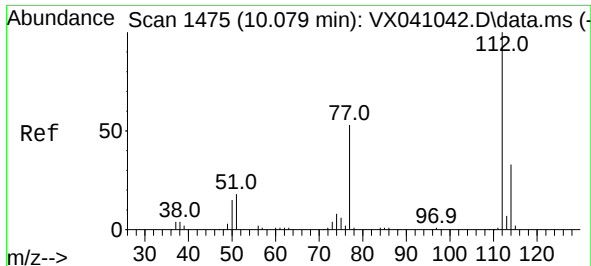
43 100

58 30.4 43.2 64.8#

57 23.7 15.4 23.2#

100 0.8 10.9 16.3#





#51

Chlorobenzene

Concen: 11.228 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX041053.D

Acq: 13 Apr 2024 00:00

Instrument :

MSVOA\_X

ClientSampleId :

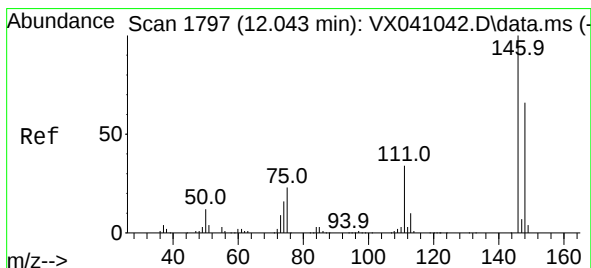
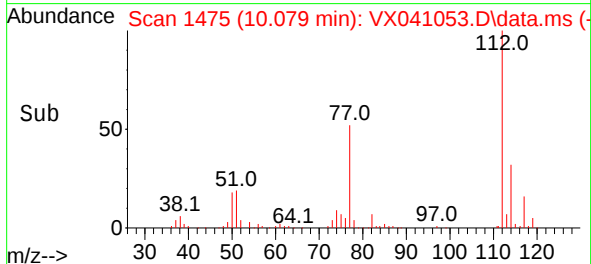
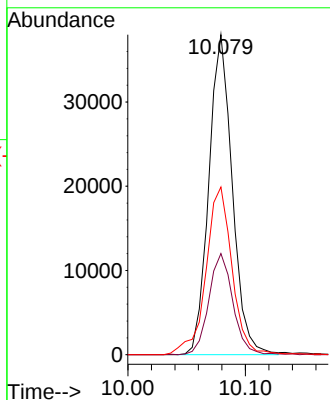
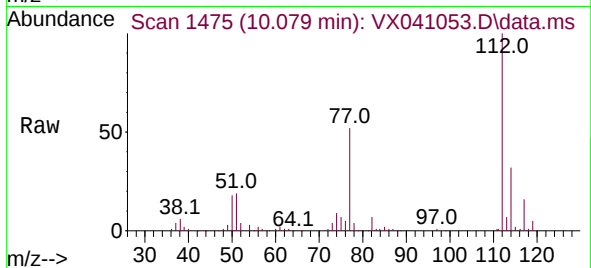
Tgt Ion:112 Resp: 52778

Ion Ratio Lower Upper

112 100

114 31.6 23.0 42.8

77 52.4 43.4 65.0



#65

1,4-Dichlorobenzene

Concen: 3.862 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX041053.D

Acq: 13 Apr 2024 00:00

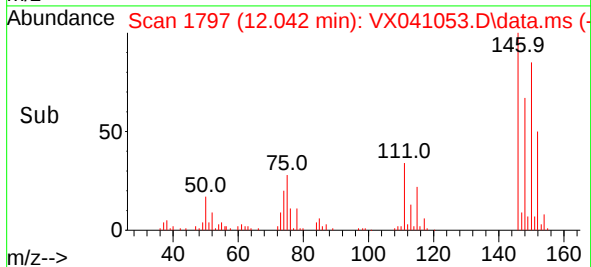
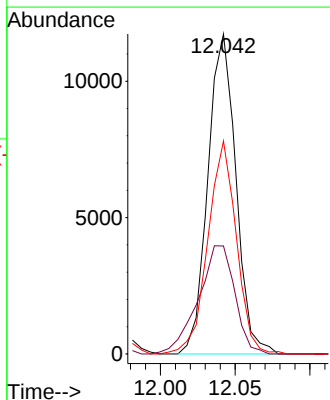
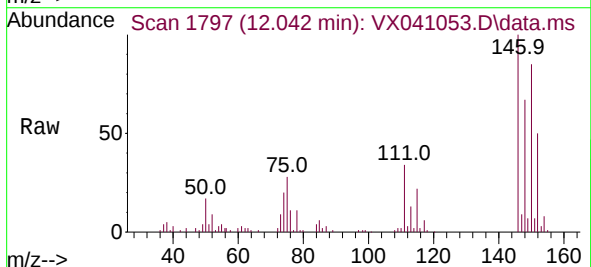
Tgt Ion:146 Resp: 15301

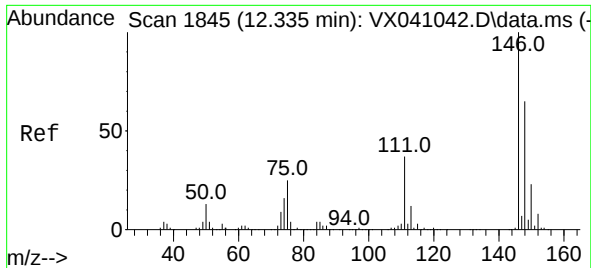
Ion Ratio Lower Upper

146 100

111 33.8 23.4 43.6

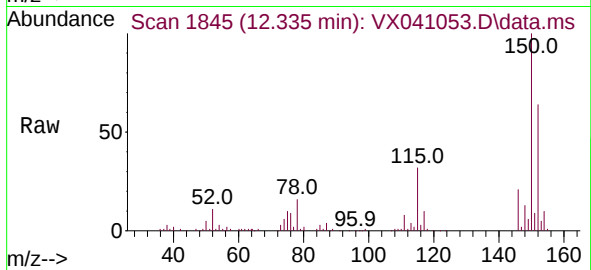
148 66.6 44.2 82.0





#67  
 1,2-Dichlorobenzene  
 Concen: 2.380 ug/L  
 RT: 12.335 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX041053.D  
 Acq: 13 Apr 2024 00:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 8909  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 39.7  | 31.8  | 47.8  |
| 148      | 64.5  | 53.2  | 79.8  |

