

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081222\  
 Data File : VX030593.D  
 Acq On : 12 Aug 2022 14:47  
 Operator : JC/MD  
 Sample : N4131-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F5D35

Quant Time: Aug 12 23:30:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 12 23:28:07 2022  
 Response via : Initial Calibration

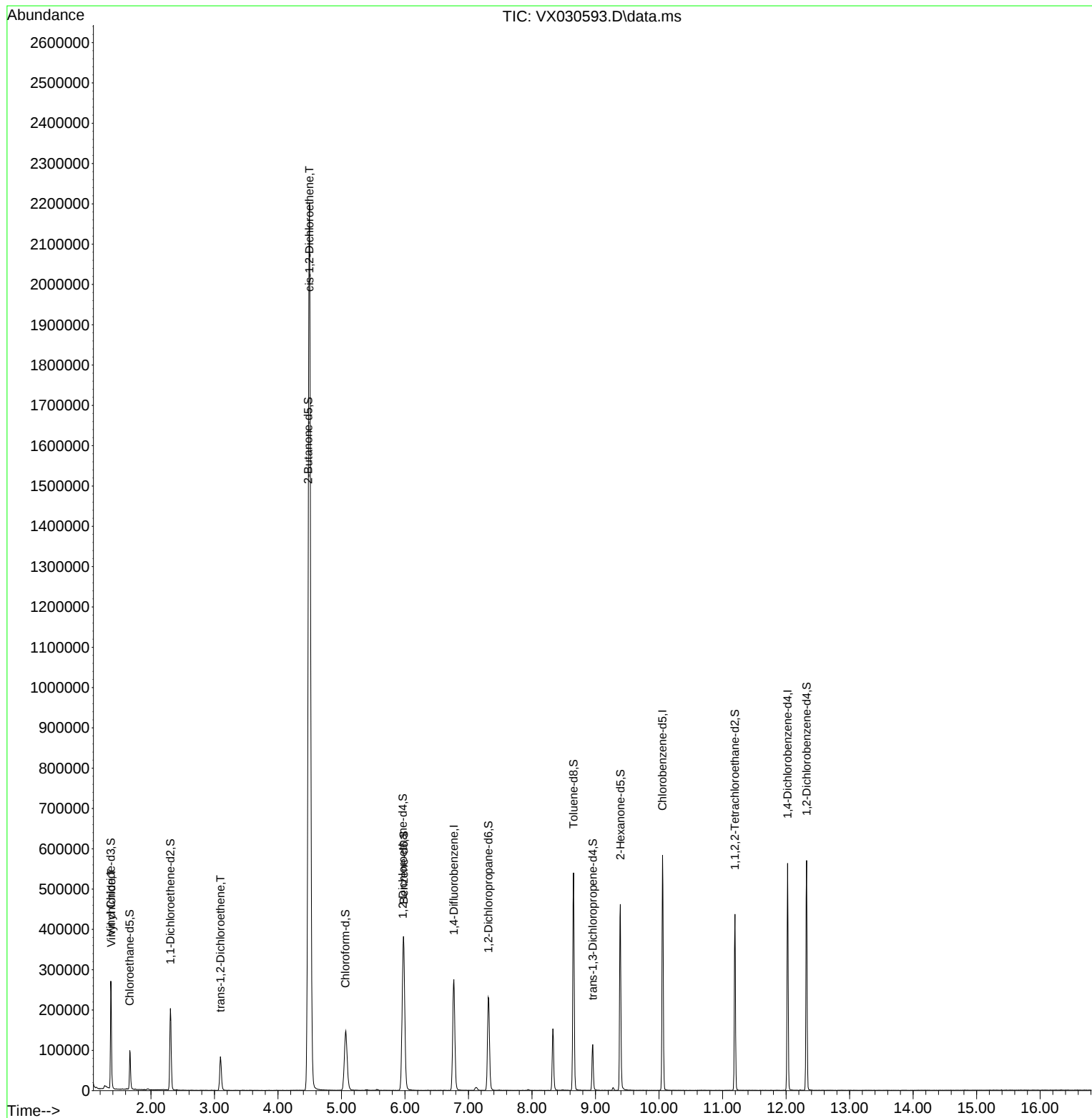
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114            | 260428   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117            | 238388   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152            | 104887   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65             | 71556    | 42.786  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 85.580%  |          |
| 7) Chloroethane-d5            | 1.666   | 69             | 59884    | 50.793  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 101.580% |          |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 63             | 112010   | 35.406  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 70.820%  |          |
| 21) 2-Butanone-d5             | 4.477   | 46             | 198057   | 127.813 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 127.810% |          |
| 24) Chloroform-d              | 5.062   | 84             | 176853   | 51.370  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 102.740% |          |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65             | 132635   | 56.739  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 113.480% |          |
| 32) Benzene-d6                | 5.983   | 84             | 341911   | 50.071  | ug/L     | 0.01     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 100.140% |          |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67             | 118214   | 53.358  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 106.720% |          |
| 41) Toluene-d8                | 8.653   | 98             | 297980   | 46.294  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 92.580%  |          |
| 43) trans-1,3-Dichloroprop... | 8.958   | 79             | 51631    | 46.845  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 93.700%  |          |
| 47) 2-Hexanone-d5             | 9.391   | 63             | 123220   | 109.114 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 109.110% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84             | 164329   | 56.462  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 112.920% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152            | 103603   | 50.926  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 101.860% |          |
| Target Compounds              |         |                |          |         |          |          |
|                               |         |                |          |         | Qvalue   |          |
| 5) Vinyl chloride             | 1.374   | 62             | 111104   | 61.729  | ug/L     | 96       |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96             | 30682    | 18.169  | ug/L     | 97       |
| 20) cis-1,2-Dichloroethene    | 4.495   | 96             | 1236749  | 651.042 | ug/L     | 94       |
| -----                         |         |                |          |         |          |          |

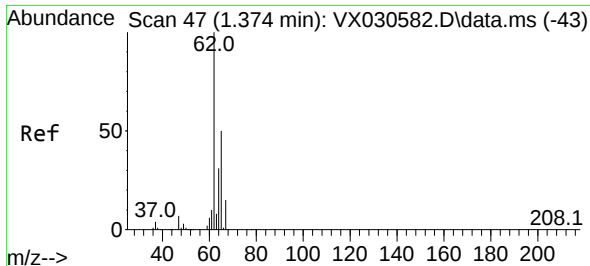
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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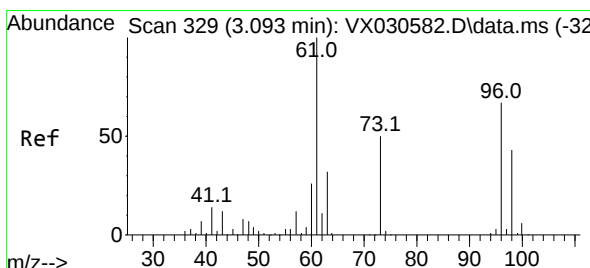
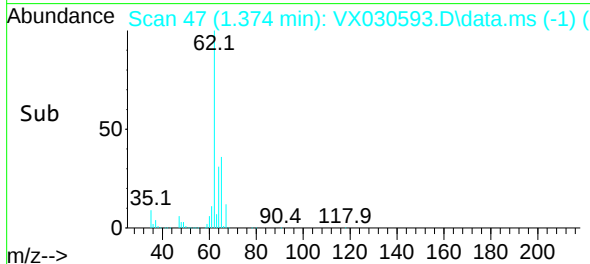
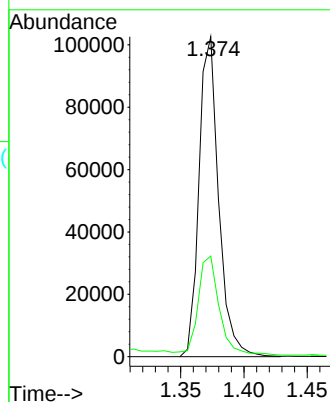
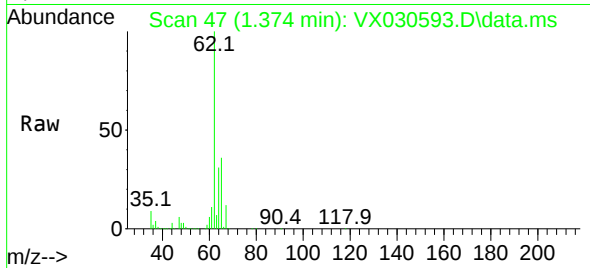




#5  
 Vinyl chloride  
 Concen: 61.729 ug/L  
 RT: 1.374 min Scan# 47  
 Delta R.T. 0.000 min  
 Lab File: VX030593.D  
 Acq: 12 Aug 2022 14:47

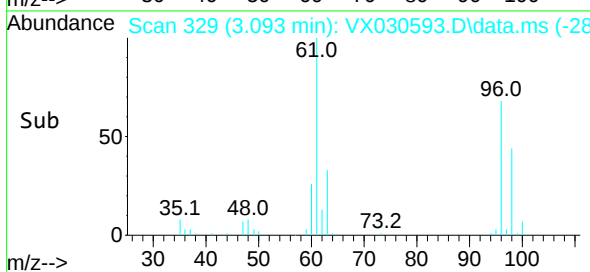
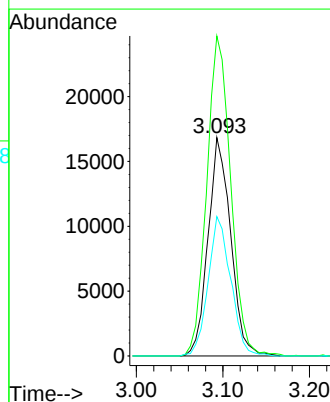
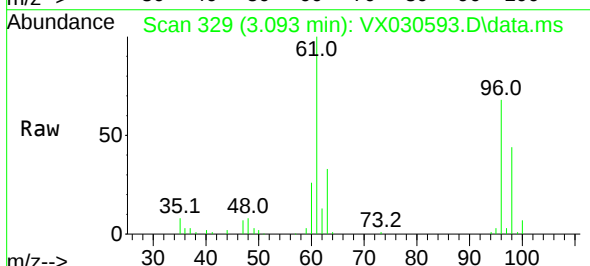
Instrument :  
 MSVOA\_X  
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 F5D35

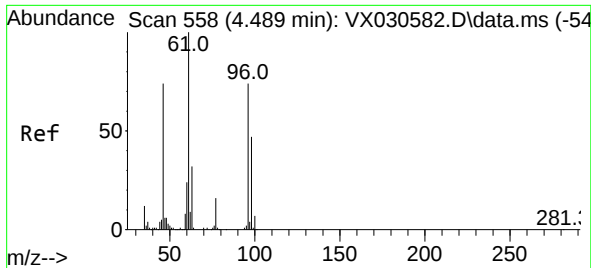
Tgt Ion: 62 Resp: 111104  
 Ion Ratio Lower Upper  
 62 100  
 64 31.4 23.8 44.2



#17  
 trans-1,2-Dichloroethene  
 Concen: 18.169 ug/L  
 RT: 3.093 min Scan# 329  
 Delta R.T. 0.000 min  
 Lab File: VX030593.D  
 Acq: 12 Aug 2022 14:47

Tgt Ion: 96 Resp: 30682  
 Ion Ratio Lower Upper  
 96 100  
 61 146.6 103.7 192.5  
 98 63.8 41.5 77.1





#20  
 cis-1,2-Dichloroethene  
 Concen: 651.042 ug/L  
 RT: 4.495 min Scan# 51  
 Delta R.T. 0.006 min  
 Lab File: VX030593.D  
 Acq: 12 Aug 2022 14:47

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 MSVOA\_X  
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Tgt Ion: 96 Resp: 1236749

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 141.2 | 94.0  | 174.6 |
| 68  | 0.0   | 0.0   | 0.0   |

