

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052424\  
 Data File : VD079031.D  
 Acq On : 24 May 2024 21:39  
 Operator : RP/MD  
 Sample : P2570-02  
 Misc : 3.97G/10ml/MSVOA\_D/SOIL/VIAL B  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 BH6B0

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 05/30/2024  
 Supervised By :Semsettin Yesilyurt 05/30/2024

Quant Time: May 24 23:28:02 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM051724SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 24 02:12:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775          | 114  | 234014     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581         | 117  | 224047     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516         | 152  | 85713      | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.269          | 65   | 133988     | 23.356   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 93.440%  |        |          |
| 7) Chloroethane-d5            | 2.793          | 69   | 132665     | 21.604   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 86.400%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.905          | 65   | 21990m     | 19.651   | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 78.600%  |        |          |
| 21) 2-Butanone-d5             | 6.987          | 46   | 18387      | 22.644   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 45.280%  |        |          |
| 24) Chloroform-d              | 7.563          | 84   | 102437     | 14.704   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 58.800%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.228          | 65   | 55008      | 16.627   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 66.520%# |        |          |
| 32) Benzene-d6                | 8.198          | 84   | 215371     | 18.839   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 75.360%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.204          | 67   | 61533      | 17.665   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 70.680%  |        |          |
| 41) Toluene-d8                | 10.269         | 98   | 187036     | 17.750   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 71.000%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.522         | 79   | 24552      | 15.302   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 61.200%  |        |          |
| 47) 2-Hexanone-d5             | 10.875         | 63   | 15550      | 22.274   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 44.540%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.645         | 84   | 55522      | 14.012   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 56.040%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.810         | 152  | 55456      | 19.062   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 76.240%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 4.022          | 43   | 4084m      | 4.164    | ug/L   |          |
| 16) Methylene chloride        | 4.793          | 84   | 15018m     | 2.709    | ug/L   |          |
| 25) Chloroform                | 7.599          | 83   | 6171m      | 0.742    | ug/L   |          |
| -----                         |                |      |            |          |        |          |

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

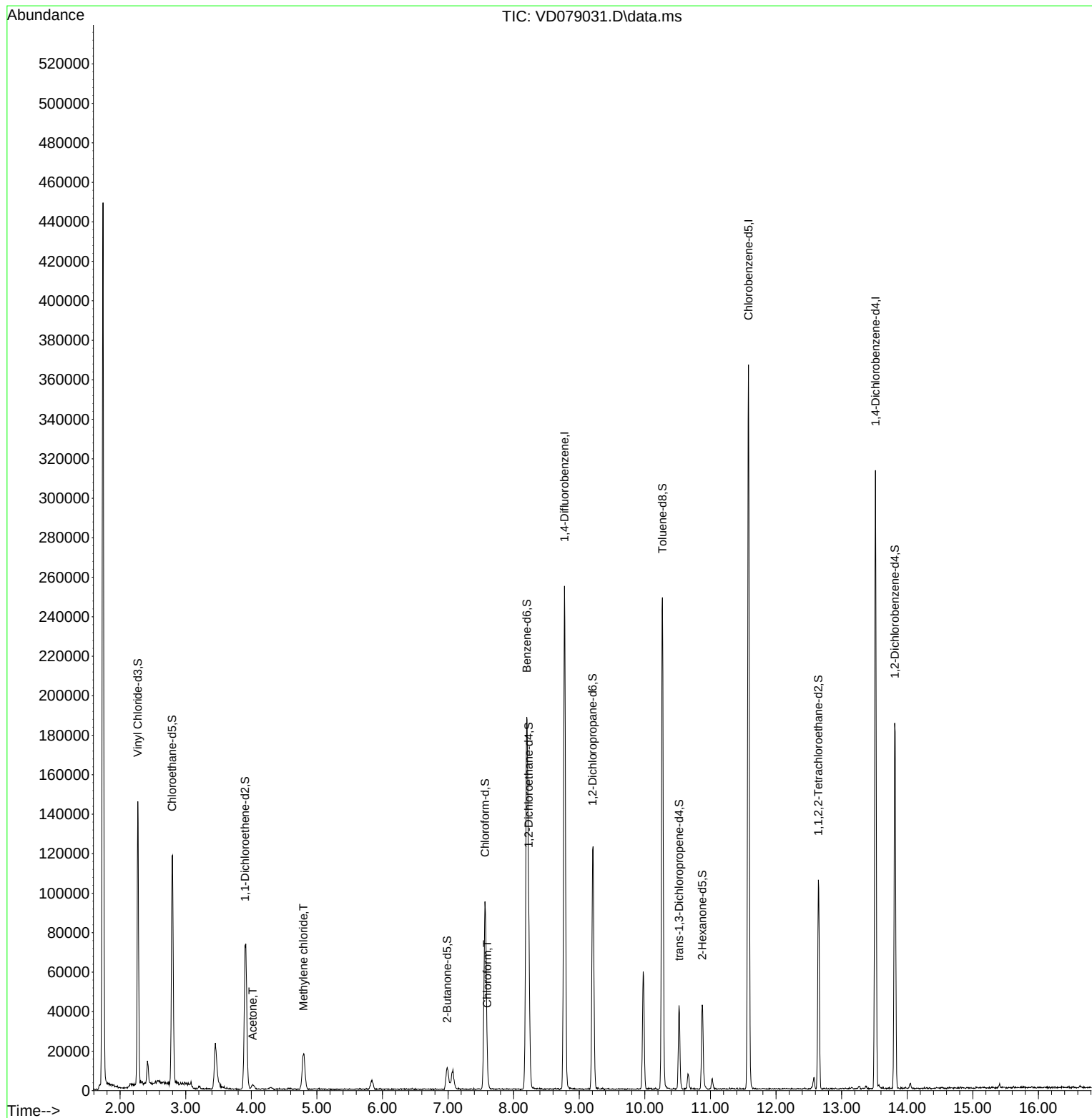
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052424\  
Data File : VD079031.D  
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ALS Vial : 27 Sample Multiplier: 1

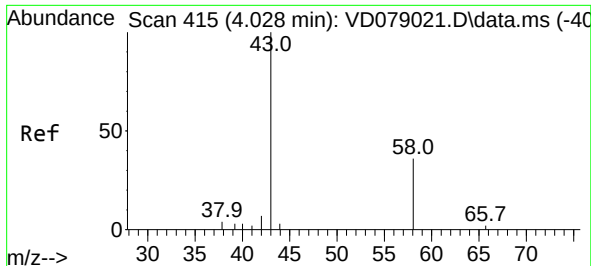
Instrument :  
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Quant Time: May 24 23:28:02 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM051724SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri May 24 02:12:30 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 4.164 ug/L m

RT: 4.022 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD079031.D

Acq: 24 May 2024 21:39

Instrument :

MSVOA\_D

ClientSampleId :

BH6B0

Tgt Ion: 43 Resp: 4084

Ion Ratio Lower Upper

43 100

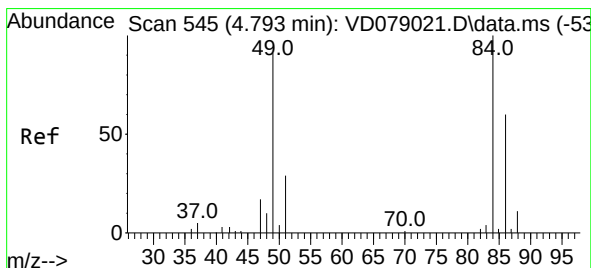
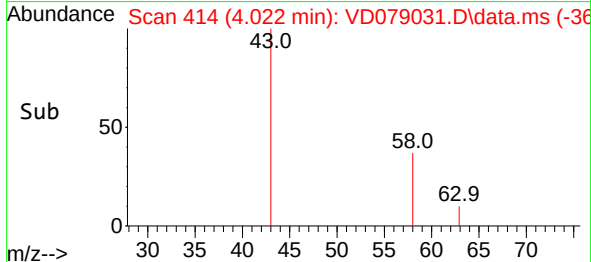
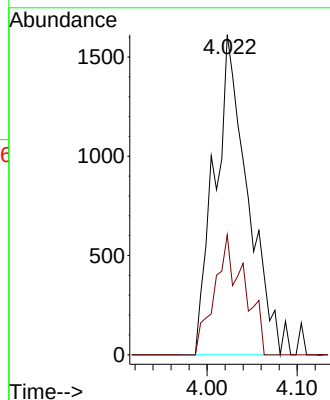
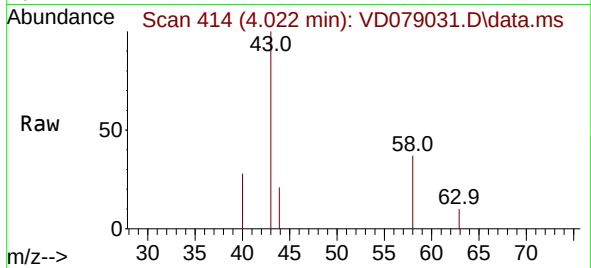
58 10.9 0.0 75.0

Manual Integrations

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#16

Methylene chloride

Concen: 2.709 ug/L m

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD079031.D

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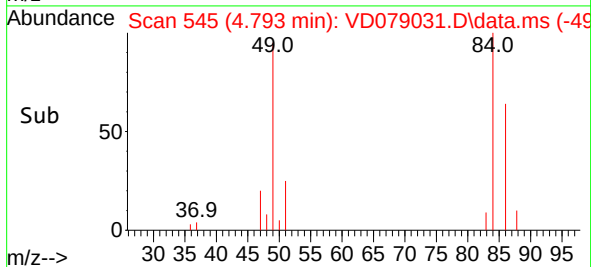
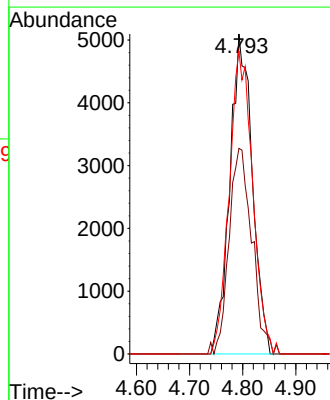
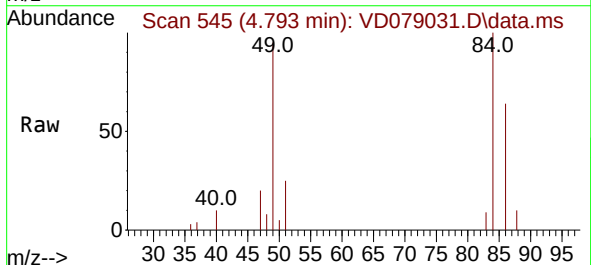
Tgt Ion: 84 Resp: 15018

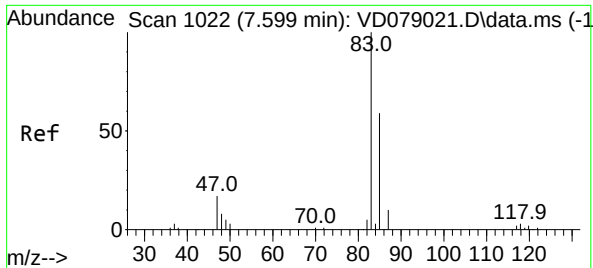
Ion Ratio Lower Upper

84 100

86 64.3 43.7 81.1

49 94.6 64.0 119.0





#25  
 Chloroform  
 Concen: 0.742 ug/L m  
 RT: 7.599 min Scan# 10  
 Delta R.T. -0.000 min  
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Tgt Ion: 83 Resp: 617  
 Ion Ratio Lower Upper  
 83 100  
 85 52.6 41.8 77.6

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