

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092424\  
 Data File : VW030220.D  
 Acq On : 24 Sep 2024 13:15  
 Operator : SY/MD  
 Sample : P4131-13  
 Misc : 5.10g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 25 01:20:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Sep 25 01:17:29 2024  
 Response via : Initial Calibration

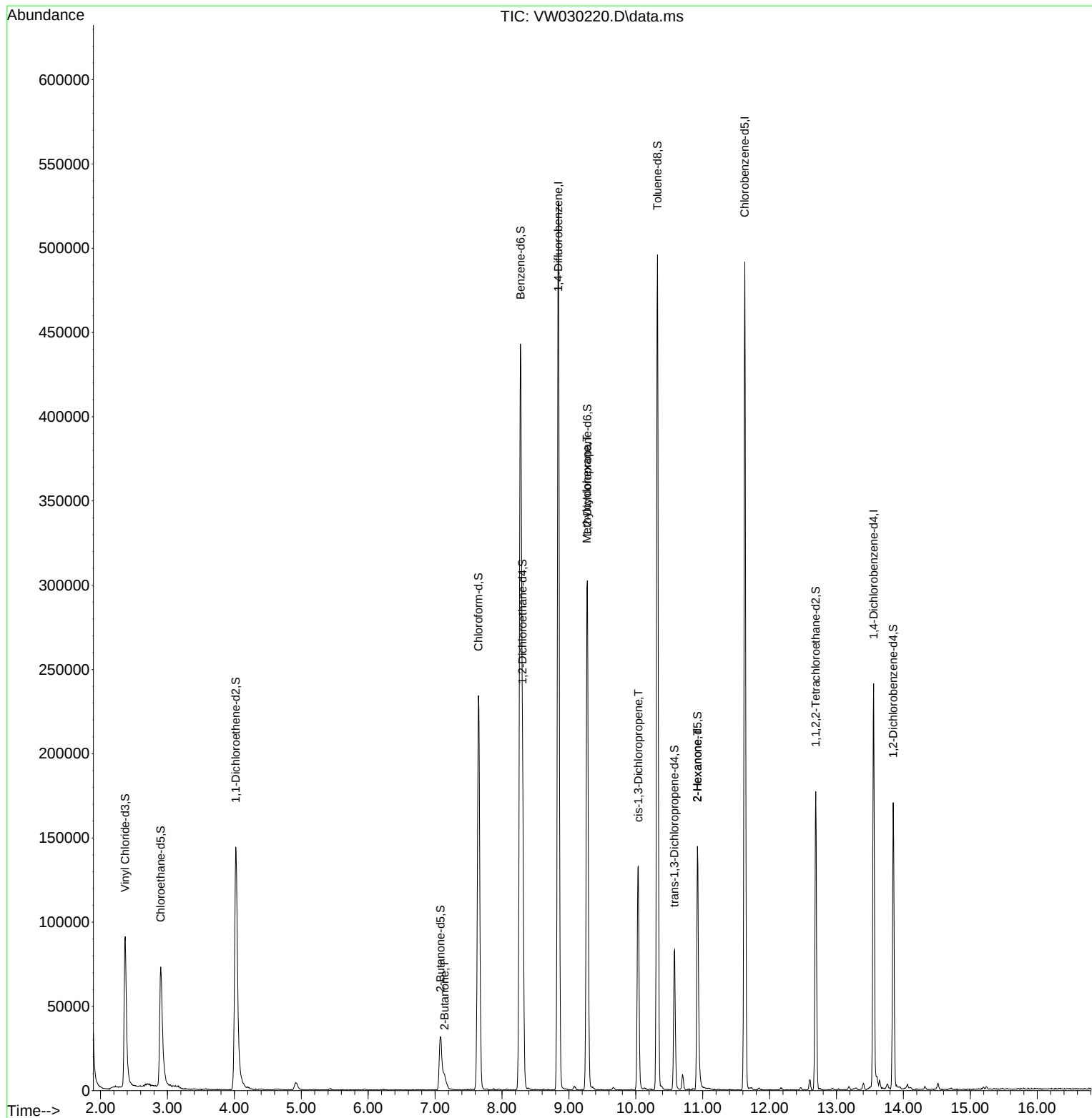
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 438615   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 267660   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 61471    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 136087   | 24.025   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 96.120%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 117514   | 29.386   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 117.560% |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 52698    | 18.620   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 74.480%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 53869    | 39.276   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 78.560%  |
| 24) Chloroform-d              | 7.648  | 84    | 239734   | 19.878   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 79.520%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 138123   | 22.807   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 91.240%  |
| 32) Benzene-d6                | 8.276  | 84    | 458963   | 29.765   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 119.080% |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 141709   | 29.766   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 119.080% |
| 41) Toluene-d8                | 10.325 | 98    | 331760   | 24.009   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 96.040%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 46611    | 24.437   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 97.760%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 48933    | 67.169   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 134.340% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 85987    | 24.260   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 97.040%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 43296    | 20.748   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 22) 2-Butanone                | 7.142  | 43    | 7310     | 3.924    | ug/L # | 49       |
| 35) Methylcyclohexane         | 9.270  | 83    | 35469    | 5.208    | ug/L # | 18       |
| 39) cis-1,3-Dichloropropene   | 10.038 | 75    | 3570     | 0.550    | ug/L   | 86       |
| 48) 2-Hexanone                | 10.922 | 43    | 9068     | 5.203    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

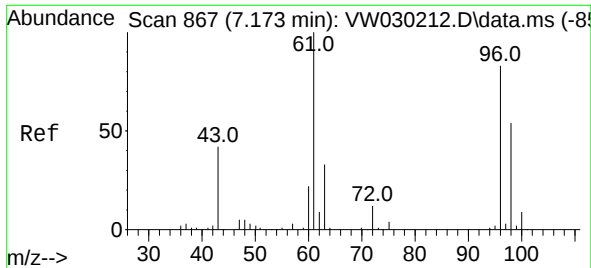
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Wed Sep 25 01:17:29 2024  
Response via : Initial Calibration





#22

2-Butanone

Concen: 3.924 ug/L

RT: 7.142 min Scan# 862

Delta R.T. -0.030 min

Lab File: VW030220.D

Acq: 24 Sep 2024 13:15

Instrument :

MSVOA\_W

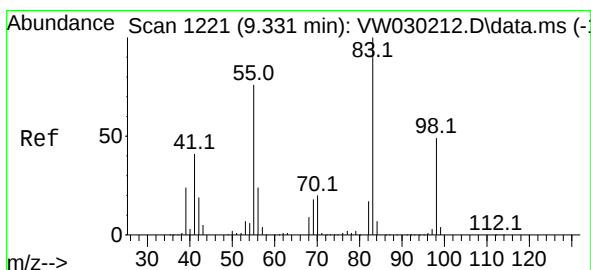
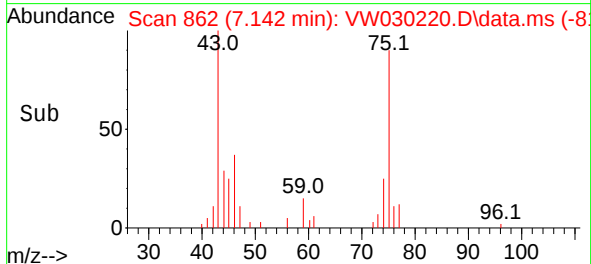
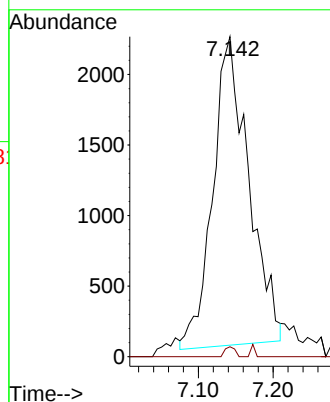
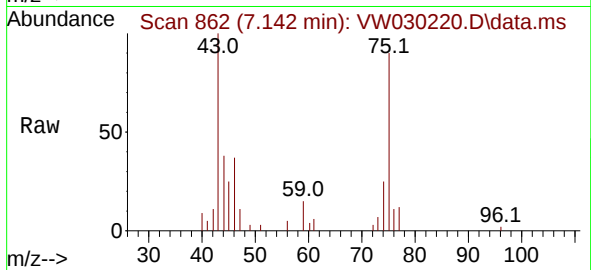
ClientSampleId :

Tgt Ion: 43 Resp: 7310

Ion Ratio Lower Upper

43 100

72 0.9 13.9 41.7#



#35

Methylcyclohexane

Concen: 5.208 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.061 min

Lab File: VW030220.D

Acq: 24 Sep 2024 13:15

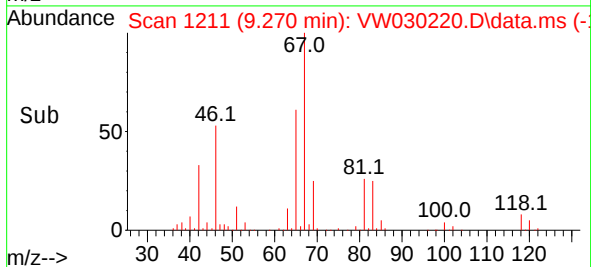
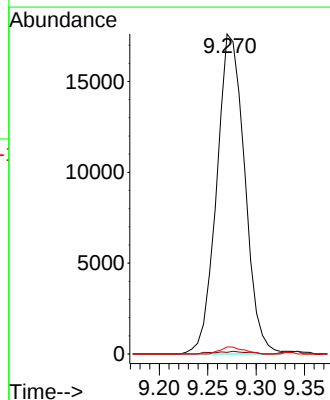
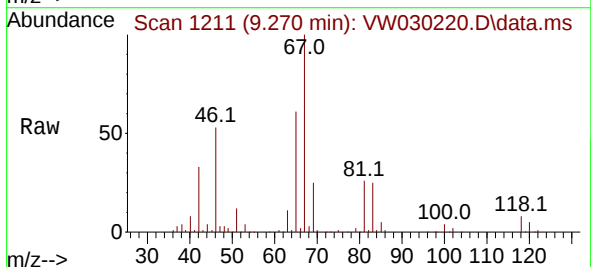
Tgt Ion: 83 Resp: 35469

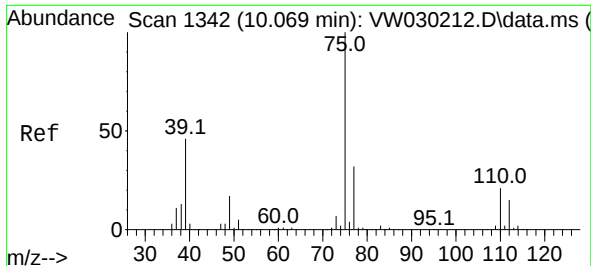
Ion Ratio Lower Upper

83 100

55 0.3 63.0 94.6#

98 1.8 38.7 58.1#





#39

cis-1,3-Dichloropropene

Concen: 0.550 ug/L

RT: 10.038 min Scan# 14

Delta R.T. -0.030 min

Lab File: VW030220.D

Acq: 24 Sep 2024 13:15

Instrument :

MSVOA\_W

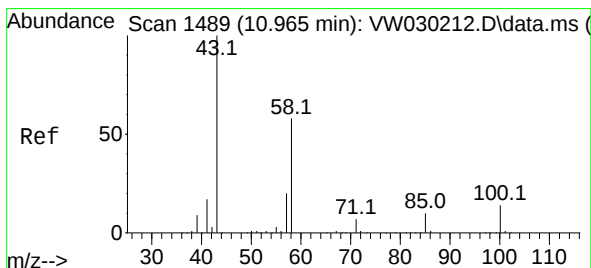
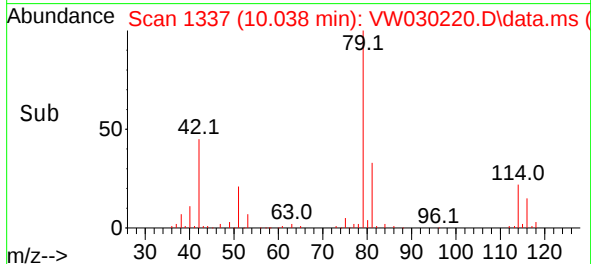
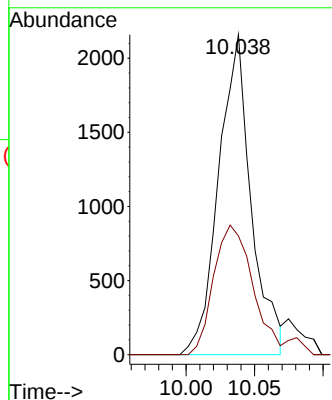
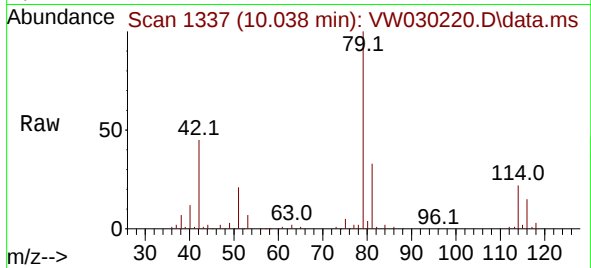
ClientSampleId :

Tgt Ion: 75 Resp: 3570

Ion Ratio Lower Upper

75 100

77 37.1 20.7 38.5



#48

2-Hexanone

Concen: 5.203 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW030220.D

Acq: 24 Sep 2024 13:15

Tgt Ion: 43 Resp: 9068

Ion Ratio Lower Upper

43 100

58 20.8 44.8 67.2#

57 22.9 15.4 23.2

100 1.7 9.6 14.4#

