

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW070224\  
 Data File : VW036420.D  
 Acq On : 02 Jul 2024 14:37  
 Operator : SY/MD  
 Sample : P3087-18  
 Misc : 5.38g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jul 03 05:12:21 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 03 05:08:41 2024  
 Response via : Initial Calibration

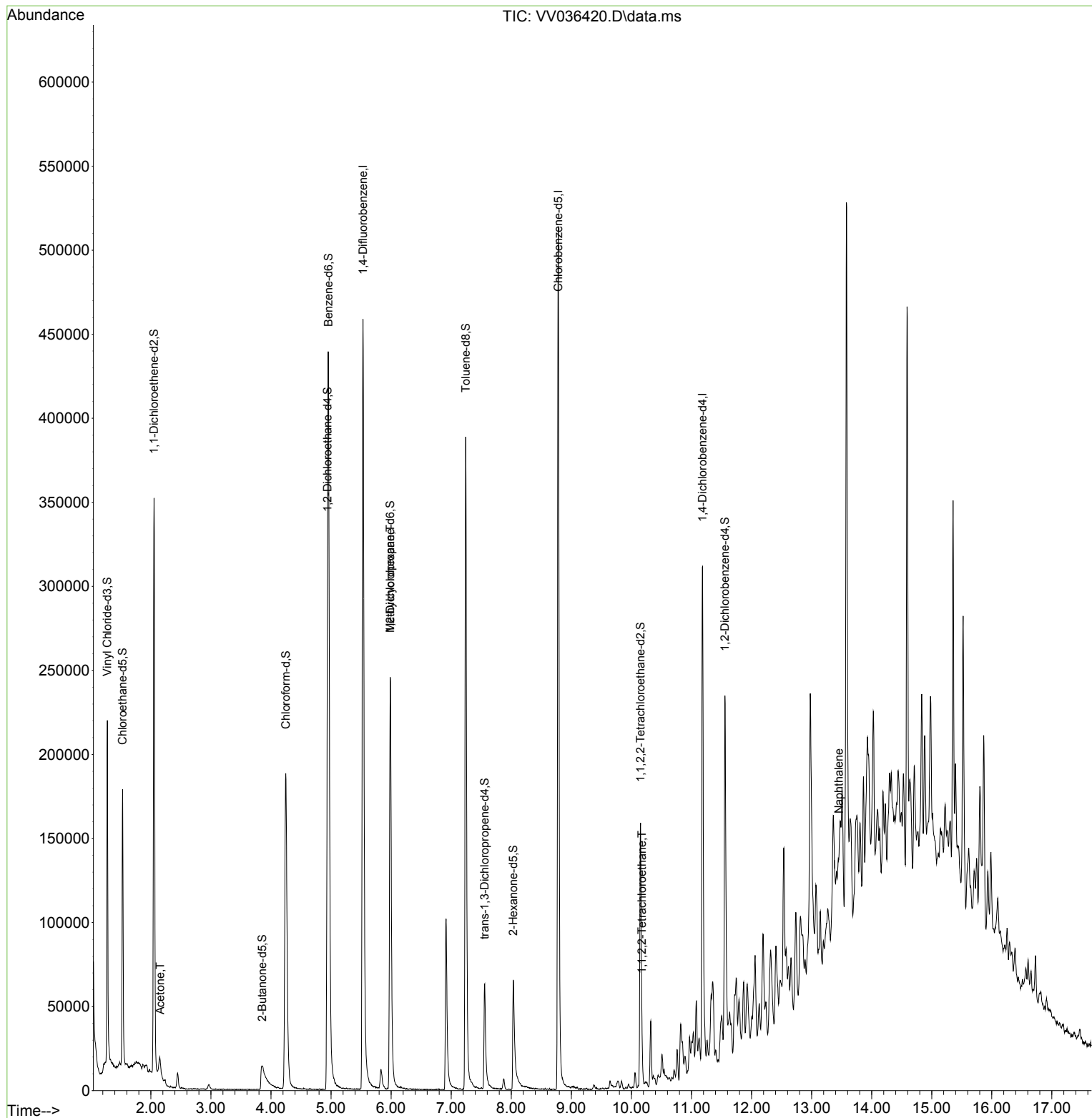
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114            | 414887   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117            | 298766   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152            | 82792    | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65             | 133568   | 18.956 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 75.840%  |          |
| 7) Chloroethane-d5            | 1.529  | 69             | 109077   | 19.381 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 77.520%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65             | 57082    | 17.233 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 68.920%  |          |
| 21) 2-Butanone-d5             | 3.854  | 46             | 30904    | 18.898 | ug/L     | 0.01     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 37.800%  |          |
| 24) Chloroform-d              | 4.246  | 84             | 209251   | 17.087 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 68.360%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65             | 114154   | 17.479 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 69.920%# |          |
| 32) Benzene-d6                | 4.957  | 84             | 396846   | 23.530 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 94.120%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.986  | 67             | 124433   | 24.529 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 98.120%  |          |
| 41) Toluene-d8                | 7.243  | 98             | 275851   | 18.141 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 72.560%  |          |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79             | 41560    | 18.346 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 73.400%  |          |
| 47) 2-Hexanone-d5             | 8.034  | 63             | 26491    | 32.714 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 65.420%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84             | 76731    | 18.452 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 73.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152            | 49431    | 16.384 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 65.520%# |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 13) Acetone                   | 2.153  | 43             | 17153    | 7.764  | ug/L #   | 69       |
| 35) Methylcyclohexane         | 5.986  | 83             | 30092    | 3.867  | ug/L #   | 21       |
| 57) 1,1,2,2-Tetrachloroethane | 10.175 | 83             | 2090     | 0.585  | ug/L #   | 59       |
| 71) Naphthalene               | 13.455 | 128            | 2281     | 0.409  | ug/L #   | 77       |

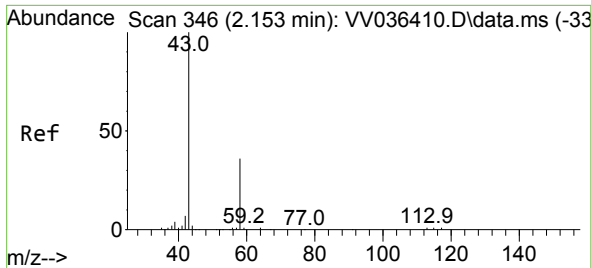
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.764 ug/L

RT: 2.153 min Scan# 346

Delta R.T. -0.000 min

Lab File: VV036420.D

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Instrument :

MSVOA\_V

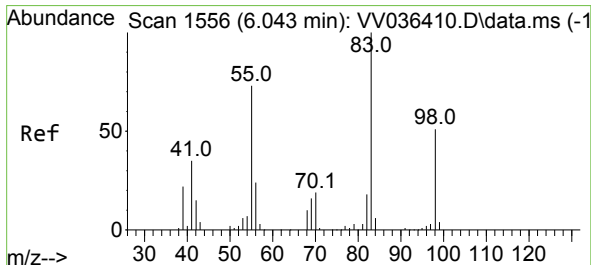
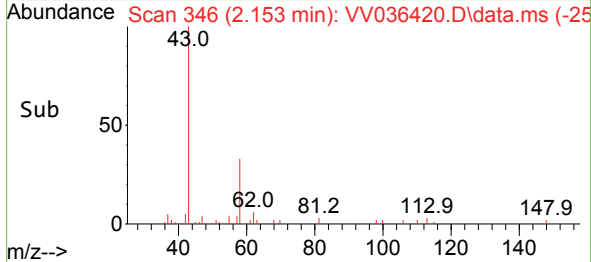
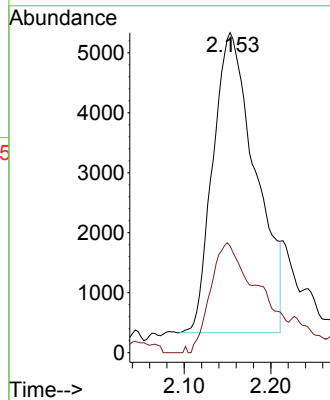
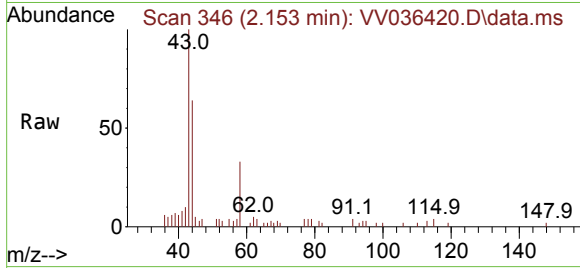
ClientSampleId :

Tgt Ion: 43 Resp: 17153

Ion Ratio Lower Upper

43 100

58 29.3 0.0 0.6#



#35

Methylcyclohexane

Concen: 3.867 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.058 min

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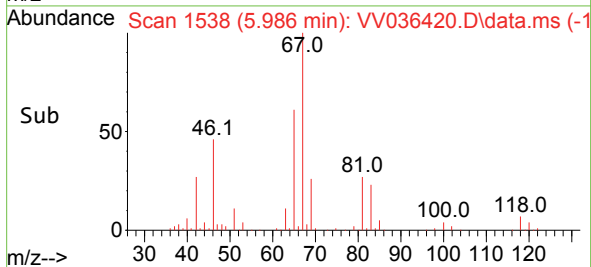
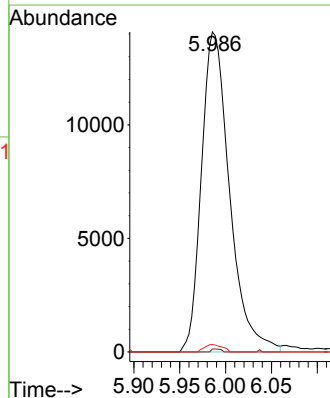
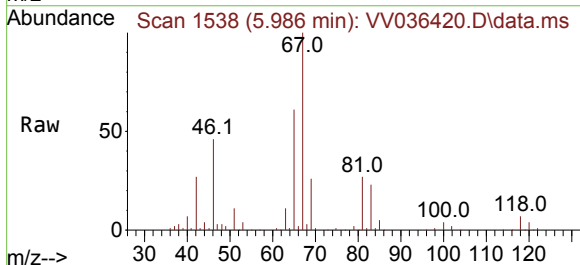
Tgt Ion: 83 Resp: 30092

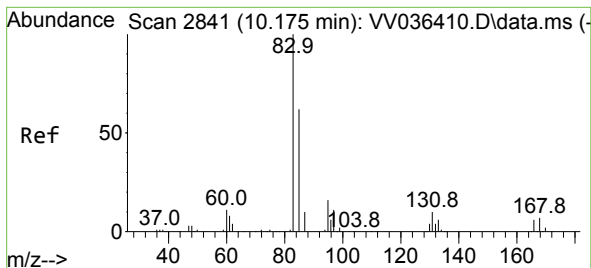
Ion Ratio Lower Upper

83 100

55 0.3 56.0 84.0#

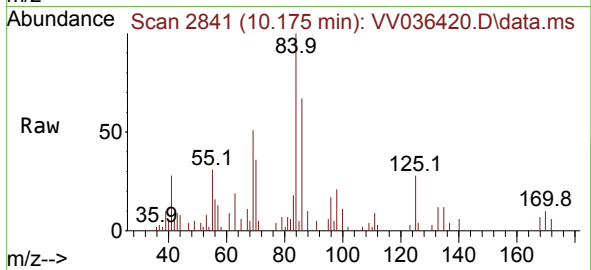
98 1.5 39.0 58.6#



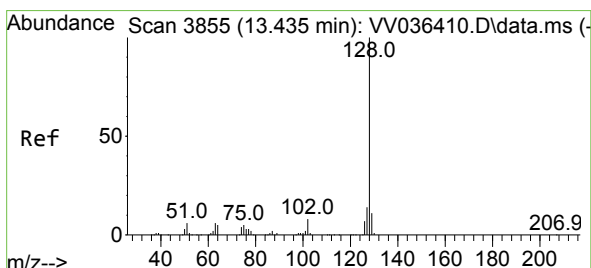
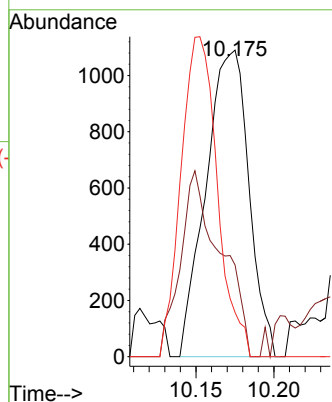
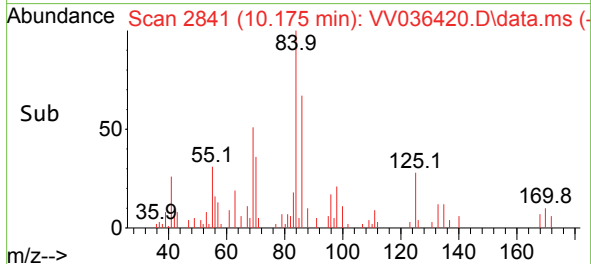


#57  
1,1,2,2-Tetrachloroethane  
Concen: 0.585 ug/L  
RT: 10.175 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VV036420.D  
Acq: 02 Jul 2024 14:37

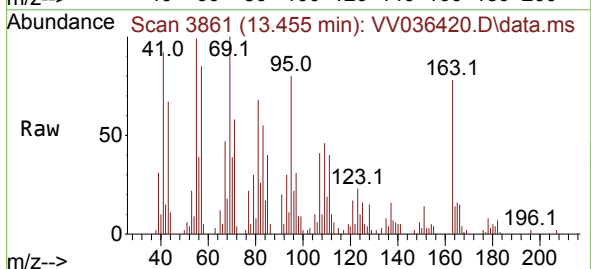
Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion: 83 Resp: 2090  
Ion Ratio Lower Upper  
83 100  
85 29.9 45.7 84.9#  
131 14.4 7.8 11.6#



#71  
Naphthalene  
Concen: 0.409 ug/L  
RT: 13.455 min Scan# 3861  
Delta R.T. 0.019 min  
Lab File: VV036420.D  
Acq: 02 Jul 2024 14:37



Tgt Ion: 128 Resp: 2281  
Ion Ratio Lower Upper  
128 100  
127 3.2 10.8 16.2#  
129 3.3 8.6 13.0#

