

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV040924\  
 Data File : VV035081.D  
 Acq On : 09 Apr 2024 14:39  
 Operator : SY/MD  
 Sample : P2017-11  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 10 04:57:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Apr 10 04:53:36 2024  
 Response via : Initial Calibration

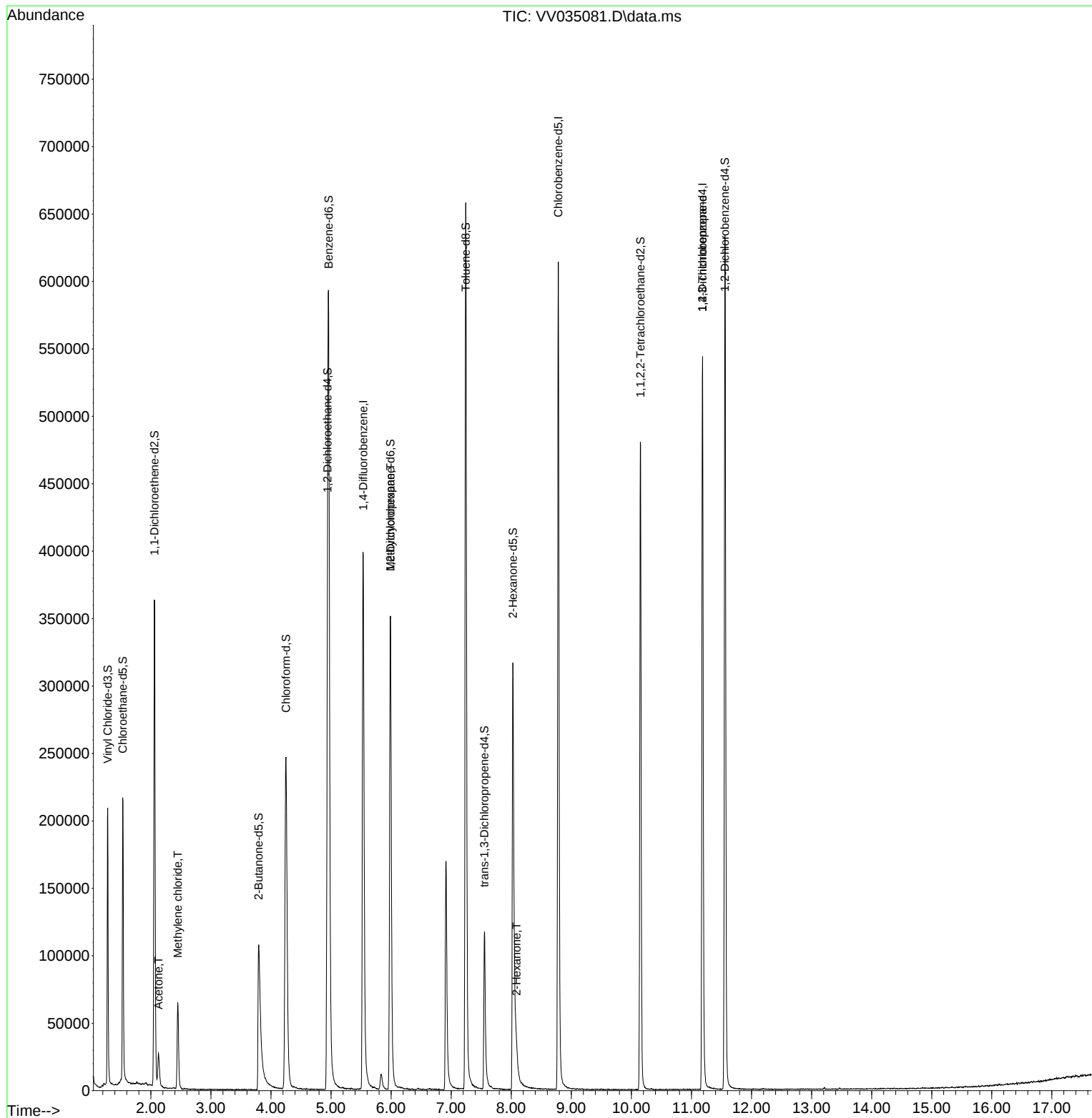
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535   | 114   | 348587   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783   | 117   | 331516   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185  | 152   | 140295   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.281   | 65    | 134327   | 39.901   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 79.800%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 134050   | 45.844   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 91.680%  |
| 11) 1,1-Dichloroethene-d2     | 2.060   | 65    | 63795    | 43.230   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.460%  |
| 21) 2-Butanone-d5             | 3.796   | 46    | 197112   | 98.724   | ug/L   | 0.01     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 98.720%  |
| 24) Chloroform-d              | 4.249   | 84    | 266758   | 47.129   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.260%  |
| 26) 1,2-Dichloroethane-d4     | 4.940   | 65    | 178448   | 49.657   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 99.320%  |
| 32) Benzene-d6                | 4.960   | 84    | 530656   | 47.653   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.300%  |
| 36) 1,2-Dichloropropane-d6    | 5.989   | 67    | 178811   | 50.566   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 101.140% |
| 41) Toluene-d8                | 7.243   | 98    | 448812   | 44.753   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 89.500%  |
| 43) trans-1,3-Dichloroprop... | 7.555   | 79    | 73199    | 42.580   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 85.160%  |
| 47) 2-Hexanone-d5             | 8.027   | 63    | 106433   | 79.608   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 79.610%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149  | 84    | 235858   | 48.435   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 96.880%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558  | 152   | 162252   | 51.510   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 103.020% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.127   | 43    | 29162    | 15.909   | ug/L   | 99       |
| 16) Methylene chloride        | 2.449   | 84    | 25879    | 9.129    | ug/L   | 98       |
| 35) Methylcyclohexane         | 5.989   | 83    | 40795    | 9.259    | ug/L # | 19       |
| 48) 2-Hexanone                | 8.088   | 43    | 17236    | 5.313    | ug/L # | 88       |
| 61) 1,2,3-Trichloropropane    | 11.185  | 75    | 17864    | 5.876    | ug/L # | 68       |
| -----                         |         |       |          |          |        |          |

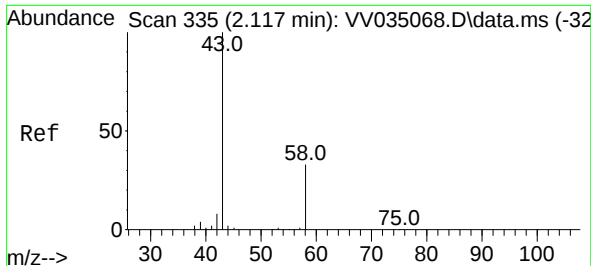
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Apr 10 04:53:36 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 15.909 ug/L

RT: 2.127 min Scan# 335

Delta R.T. 0.010 min

Lab File: VV035081.D

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Instrument :

MSVOA\_V

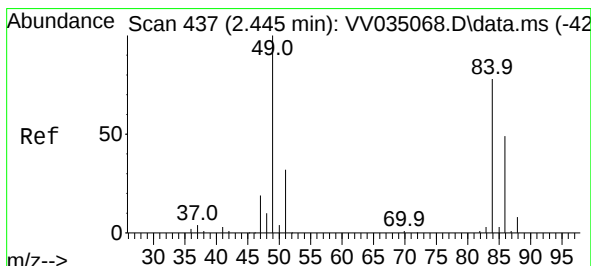
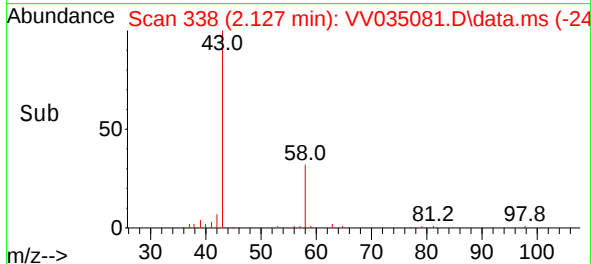
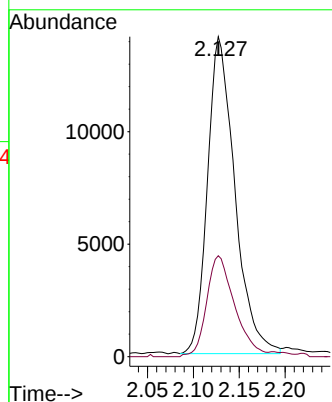
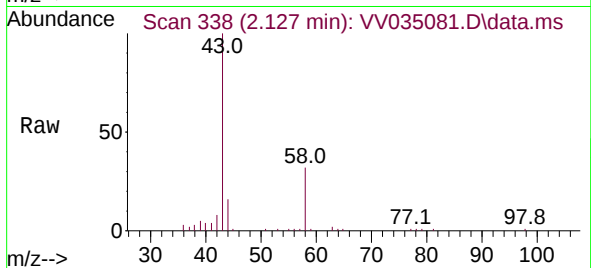
ClientSampleId :

Tgt Ion: 43 Resp: 29162

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.0



#16

Methylene chloride

Concen: 9.129 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV035081.D

Acq: 09 Apr 2024 14:39

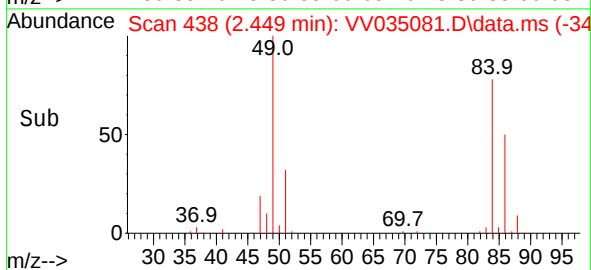
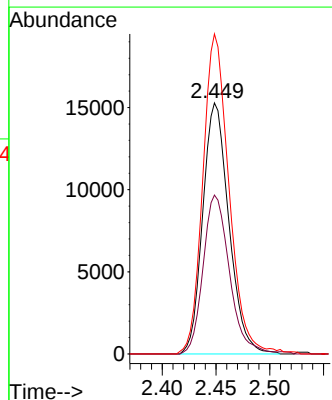
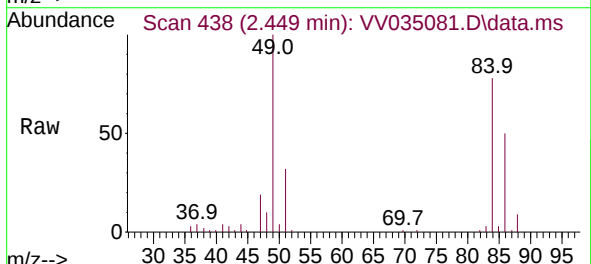
Tgt Ion: 84 Resp: 25879

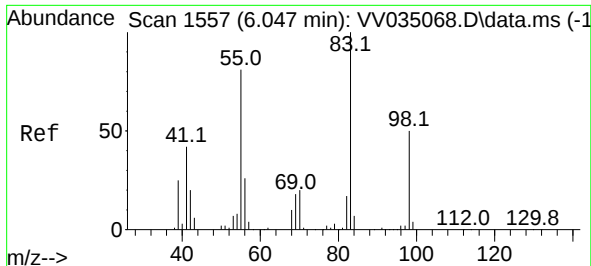
Ion Ratio Lower Upper

84 100

86 63.3 44.6 82.8

49 127.5 86.9 161.3





#35

Methylcyclohexane

Concen: 9.259 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV035081.D

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Instrument :

MSVOA\_V

ClientSampleId :

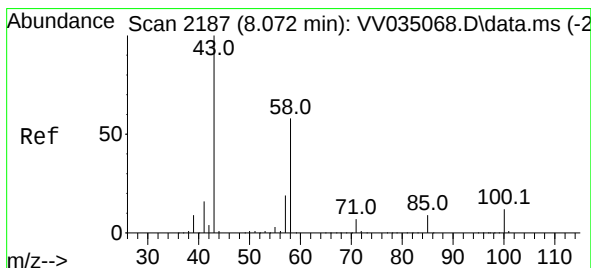
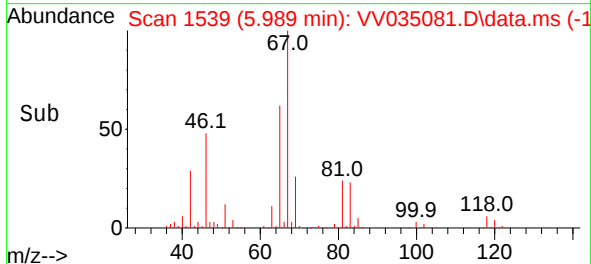
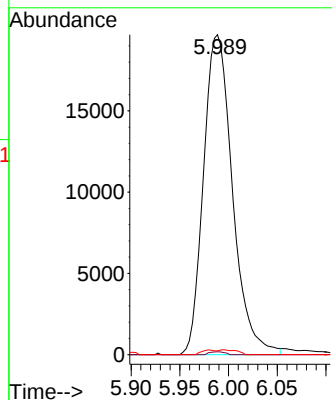
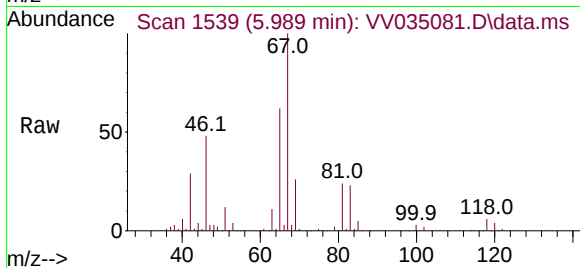
Tgt Ion: 83 Resp: 40795

Ion Ratio Lower Upper

83 100

55 0.5 60.0 90.0#

98 0.2 37.6 56.4#



#48

2-Hexanone

Concen: 5.313 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.016 min

Lab File: VV035081.D

Acq: 09 Apr 2024 14:39

Tgt Ion: 43 Resp: 17236

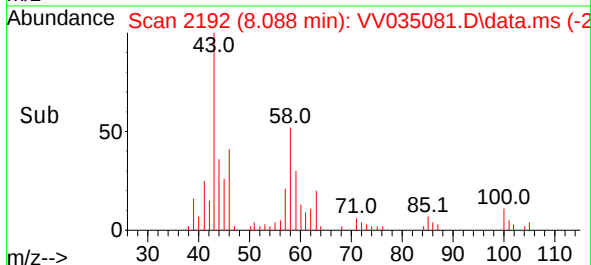
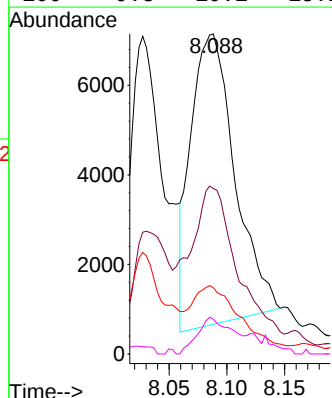
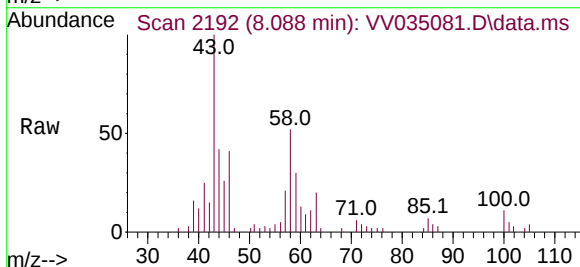
Ion Ratio Lower Upper

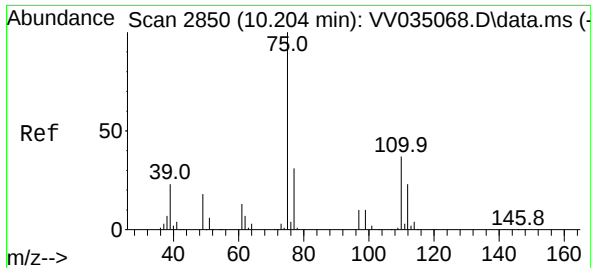
43 100

58 46.7 45.4 68.2

57 25.5 16.2 24.4#

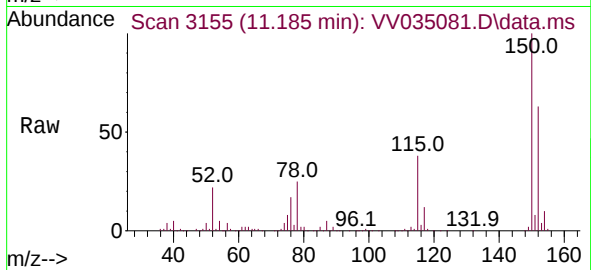
100 9.8 10.1 15.1#





#61  
 1,2,3-Trichloropropane  
 Concen: 5.876 ug/L  
 RT: 11.185 min Scan# 3155  
 Delta R.T. 0.981 min  
 Lab File: VV035081.D  
 Acq: 09 Apr 2024 14:39

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 17864      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 32.3  | 26.0 39.0  |
| 110         | 2.9   | 30.5 45.7# |

