

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV040524\  
 Data File : VV034997.D  
 Acq On : 05 Apr 2024 11:46  
 Operator : SY/MD  
 Sample : P1988-07  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 06 01:02:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 06 00:54:20 2024  
 Response via : Initial Calibration

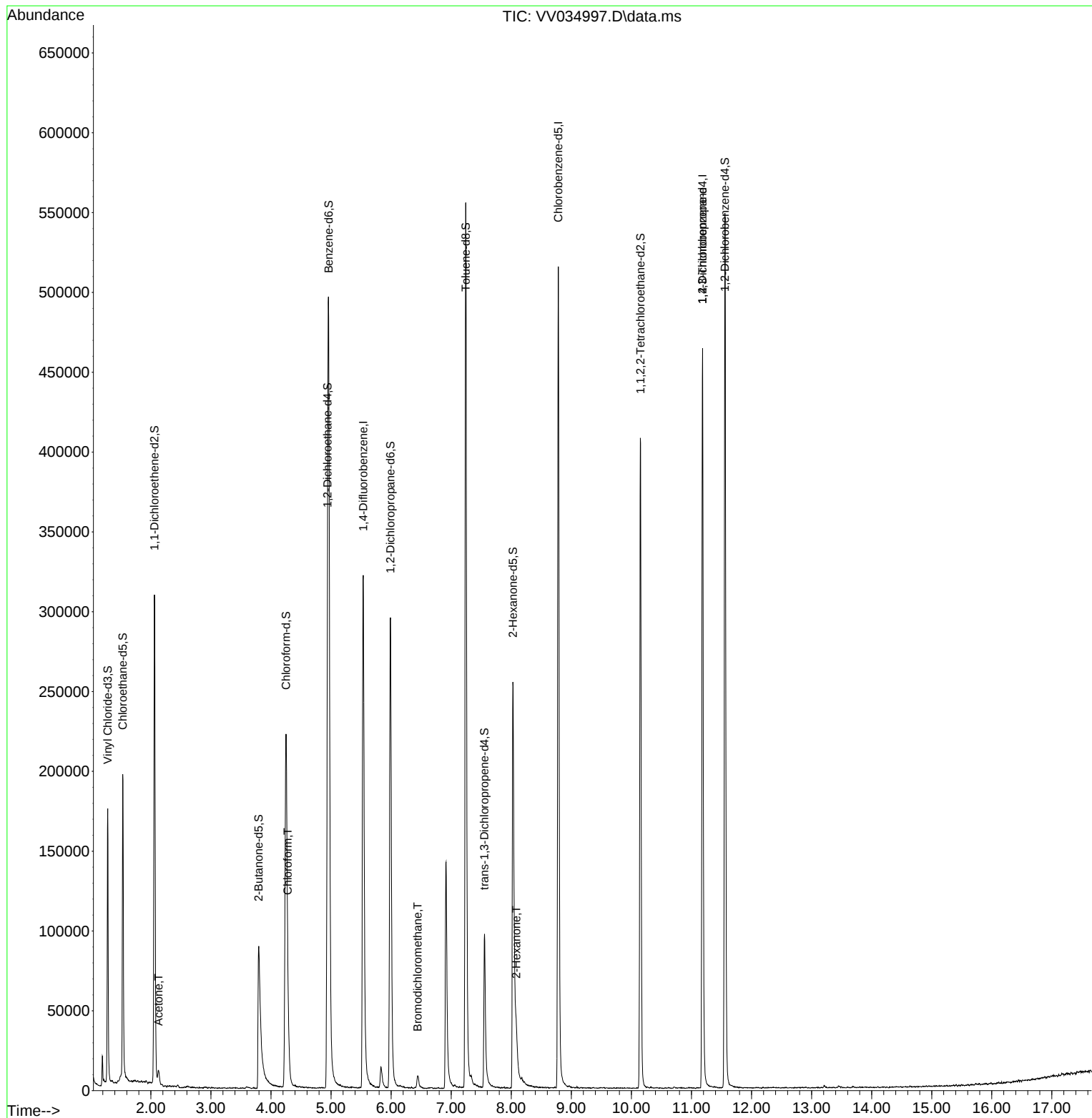
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535   | 114   | 280752   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783   | 117   | 279087   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185  | 152   | 118355   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282   | 65    | 111447   | 41.104   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 82.200%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 116919   | 49.647   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 99.300%  |
| 11) 1,1-Dichloroethene-d2     | 2.060   | 65    | 53453    | 44.974   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 89.940%  |
| 21) 2-Butanone-d5             | 3.796   | 46    | 166616   | 103.613  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 103.610% |
| 24) Chloroform-d              | 4.249   | 84    | 229691   | 50.385   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.780% |
| 26) 1,2-Dichloroethane-d4     | 4.941   | 65    | 150360   | 51.951   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 103.900% |
| 32) Benzene-d6                | 4.960   | 84    | 448229   | 47.813   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.620%  |
| 36) 1,2-Dichloropropane-d6    | 5.989   | 67    | 151172   | 50.781   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 101.560% |
| 41) Toluene-d8                | 7.243   | 98    | 376890   | 44.641   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 89.280%  |
| 43) trans-1,3-Dichloroprop... | 7.555   | 79    | 61757    | 42.673   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 85.340%  |
| 47) 2-Hexanone-d5             | 8.027   | 63    | 86550    | 76.898   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 76.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149  | 84    | 201790   | 49.224   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 98.440%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558  | 152   | 139284   | 52.415   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 104.840% |
| Target Compounds              |         |       |          |          |        |          |
| 13) Acetone                   | 2.127   | 43    | 9410     | 6.374    | ug/L   | 96       |
| 25) Chloroform                | 4.278   | 83    | 36505    | 8.839    | ug/L   | 96       |
| 38) Bromodichloromethane      | 6.442   | 83    | 6020     | 1.855    | ug/L # | 95       |
| 48) 2-Hexanone                | 8.085   | 43    | 19405    | 7.105    | ug/L # | 76       |
| 61) 1,2,3-Trichloropropane    | 11.185  | 75    | 15557    | 6.066    | ug/L # | 67       |

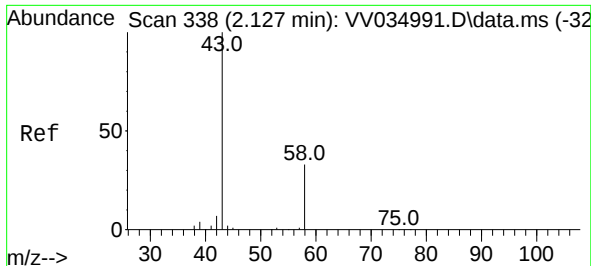
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.374 ug/L

RT: 2.127 min Scan# 338

Delta R.T. 0.000 min

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MSVOA\_V

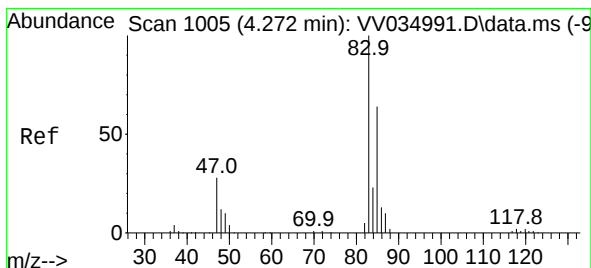
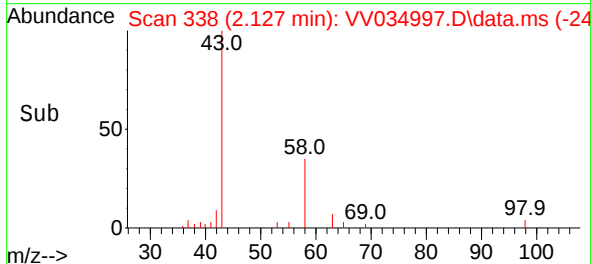
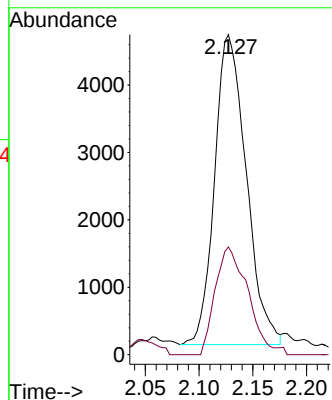
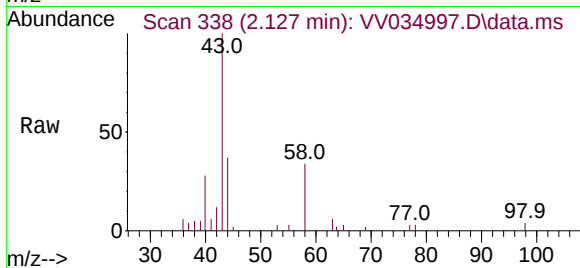
ClientSampleId :

Tgt Ion: 43 Resp: 9410

Ion Ratio Lower Upper

43 100

58 35.4 0.0 66.0



#25

Chloroform

Concen: 8.839 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.007 min

Lab File: VV034997.D

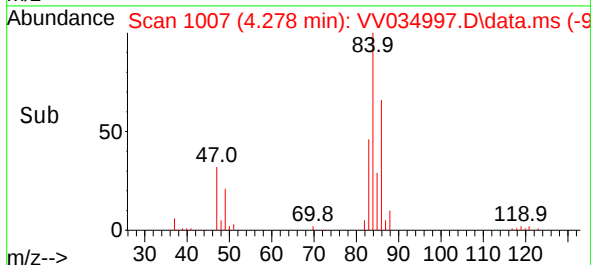
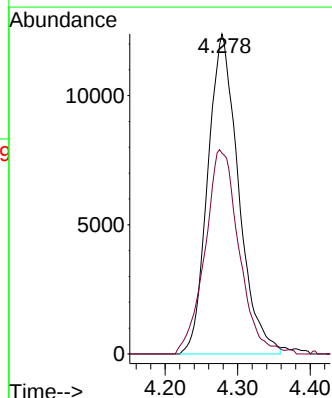
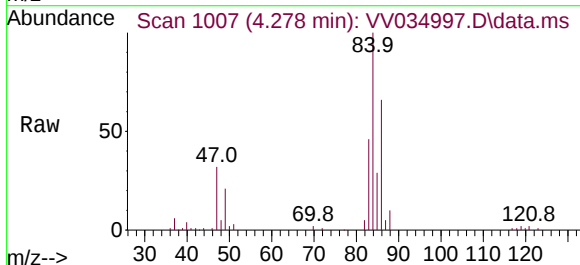
Acq: 05 Apr 2024 11:46

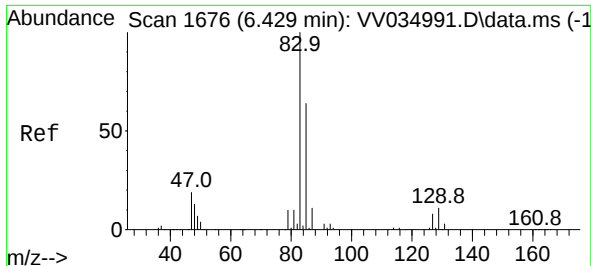
Tgt Ion: 83 Resp: 36505

Ion Ratio Lower Upper

83 100

85 62.8 46.0 85.4





#38

Bromodichloromethane

Concen: 1.855 ug/L

RT: 6.442 min Scan# 1

Delta R.T. 0.013 min

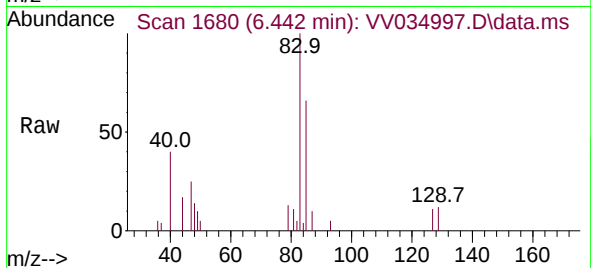
Lab File: VV034997.D

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MSVOA\_V

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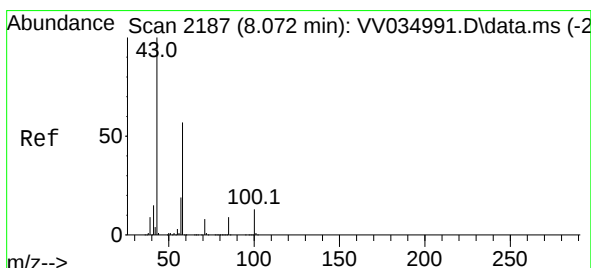
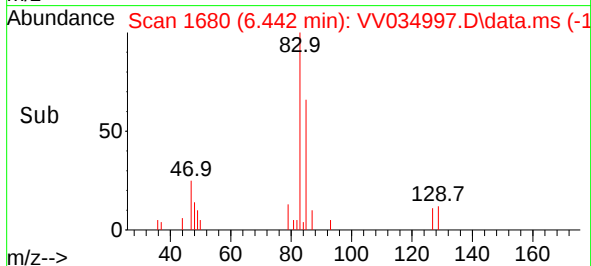
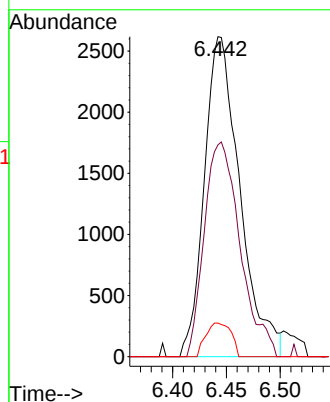
Tgt Ion: 83 Resp: 6020

Ion Ratio Lower Upper

83 100

85 66.2 43.7 81.1

127 10.5 6.4 9.6#



#48

2-Hexanone

Concen: 7.105 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. 0.013 min

Lab File: VV034997.D

Acq: 05 Apr 2024 11:46

Tgt Ion: 43 Resp: 19405

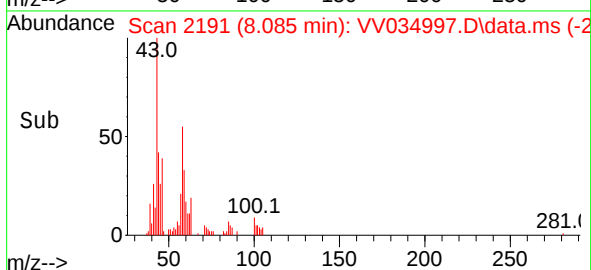
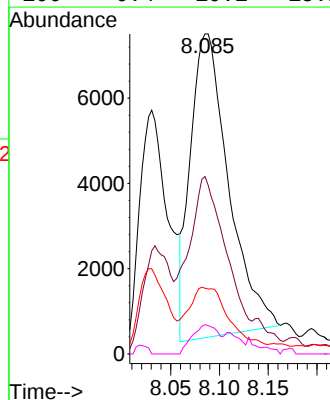
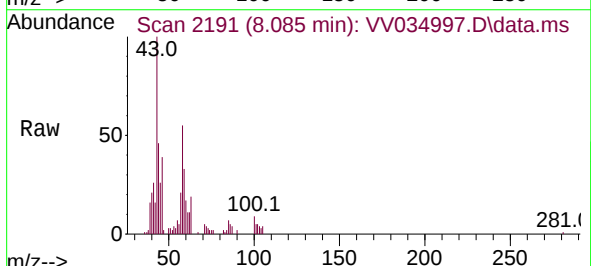
Ion Ratio Lower Upper

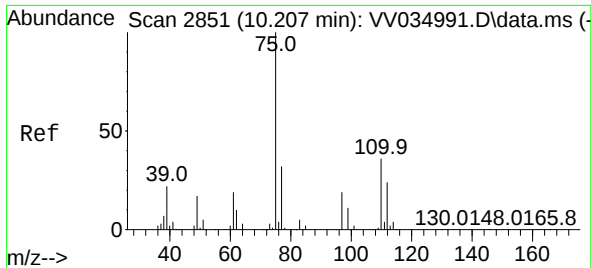
43 100

58 41.1 45.4 68.2#

57 4.4 16.2 24.4#

100 6.4 10.1 15.1#





#61

1,2,3-Trichloropropane

Concen: 6.066 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.978 min

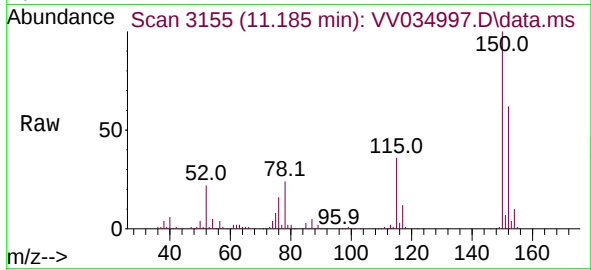
Lab File: VV034997.D

Acq: 05 Apr 2024 11:46

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 75 Resp: 15557

Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0

110 1.7 30.5 45.7#

