

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW110123\  
 Data File : VW032820.D  
 Acq On : 01 Nov 2023 11:18  
 Operator : SY/MD  
 Sample : 05105-10DL 5X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0004DL

Quant Time: Nov 02 01:09:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM103123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Nov 02 01:08:52 2023  
 Response via : Initial Calibration

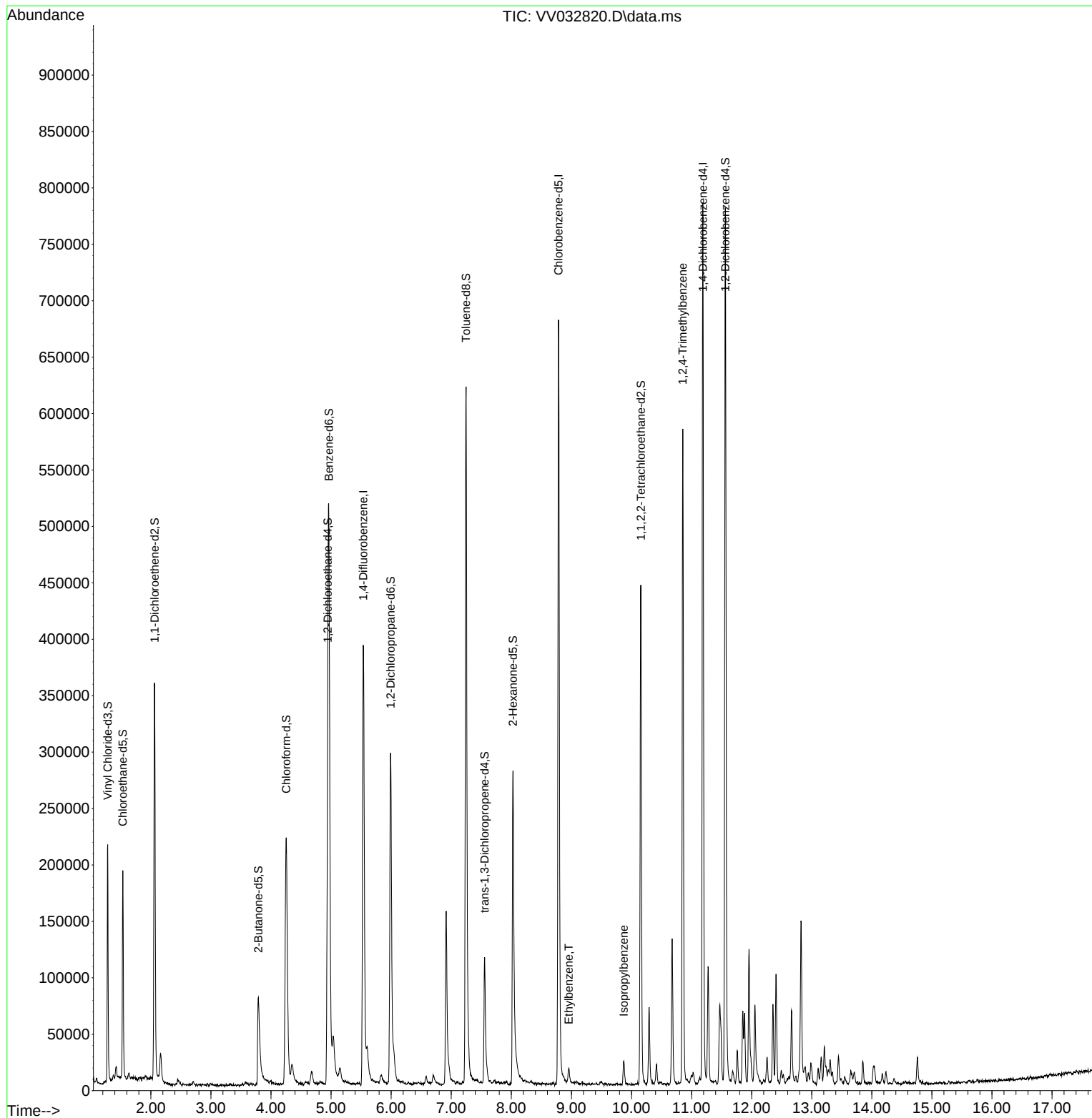
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535   | 114   | 350130   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786   | 117   | 379496   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188  | 152   | 200460   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282   | 65    | 135597   | 40.717   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 81.440%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 118489   | 42.542   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 85.080%  |
| 11) 1,1-Dichloroethene-d2     | 2.063   | 65    | 58379    | 42.441   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 84.880%  |
| 21) 2-Butanone-d5             | 3.790   | 46    | 125076   | 86.589   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 86.590%  |
| 24) Chloroform-d              | 4.253   | 84    | 232821   | 43.800   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.600%  |
| 26) 1,2-Dichloroethane-d4     | 4.944   | 65    | 151303   | 45.798   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.600%  |
| 32) Benzene-d6                | 4.963   | 84    | 454247   | 46.554   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.100%  |
| 36) 1,2-Dichloropropane-d6    | 5.992   | 67    | 151950   | 51.259   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 102.520% |
| 41) Toluene-d8                | 7.246   | 98    | 436250   | 45.406   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.820%  |
| 43) trans-1,3-Dichloroprop... | 7.555   | 79    | 66700    | 43.203   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.400%  |
| 47) 2-Hexanone-d5             | 8.027   | 63    | 93106    | 86.034   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 86.030%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156  | 84    | 206043   | 45.804   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 91.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564  | 152   | 191280   | 49.516   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 99.040%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 52) Ethylbenzene              | 8.957   | 91    | 9127     | 0.722    | ug/L   | 84       |
| 60) Isopropylbenzene          | 9.873   | 105   | 13335    | 1.097    | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.854  | 105   | 299851   | 32.767   | ug/L   | 100      |
| -----                         |         |       |          |          |        |          |

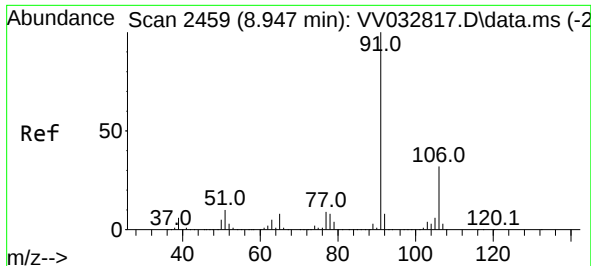
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#52

Ethylbenzene

Concen: 0.722 ug/L

RT: 8.957 min Scan# 2459

Delta R.T. 0.010 min

Lab File: VV032820.D

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Instrument :

MSVOA\_V

ClientSampleId :

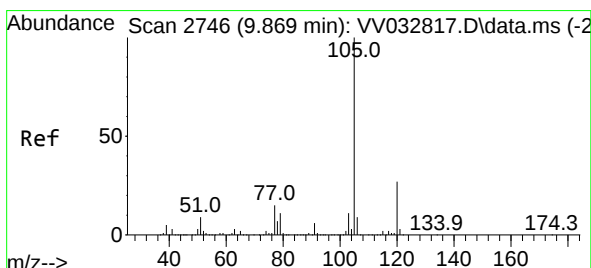
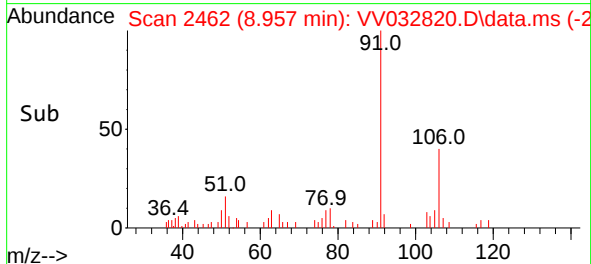
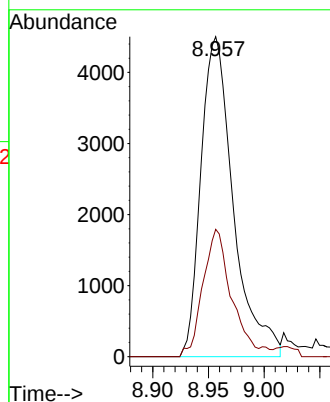
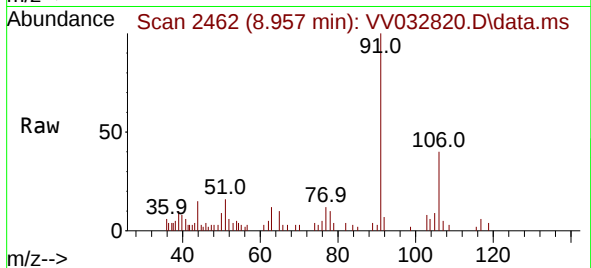
E0004DL

Tgt Ion: 91 Resp: 9127

Ion Ratio Lower Upper

91 100

106 39.8 21.7 40.3



#60

Isopropylbenzene

Concen: 1.097 ug/L

RT: 9.873 min Scan# 2747

Delta R.T. 0.003 min

Lab File: VV032820.D

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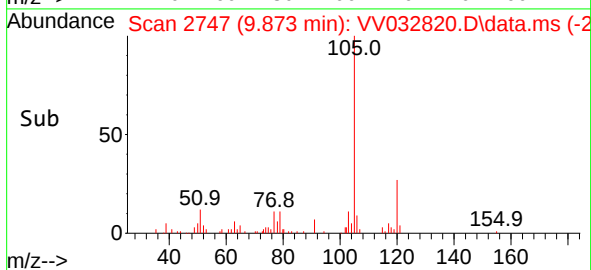
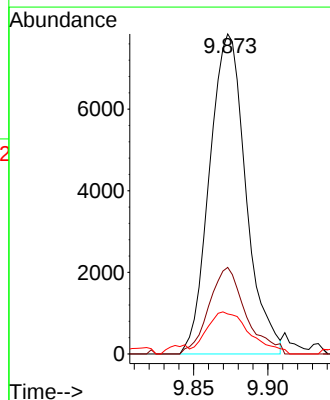
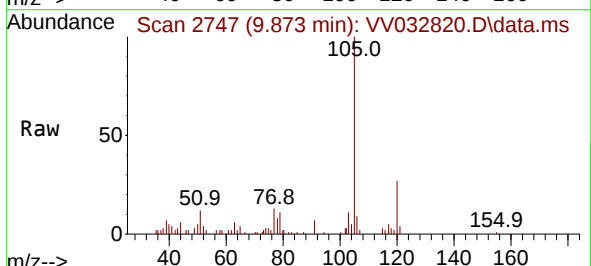
Tgt Ion: 105 Resp: 13335

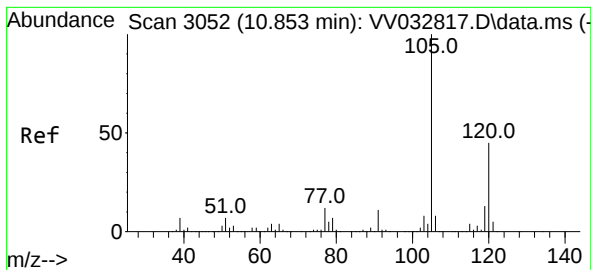
Ion Ratio Lower Upper

105 100

120 27.0 21.1 31.7

77 15.5 12.6 19.0





#63

1,2,4-Trimethylbenzene

Concen: 32.767 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032820.D

Acq: 01 Nov 2023 11:18

Instrument :

MSVOA\_V

ClientSampleId :

E0004DL

Tgt Ion:105 Resp: 299851

Ion Ratio Lower Upper

105 100

120 46.5 37.0 55.6

