

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW100722\  
 Data File : VW028404.D  
 Acq On : 07 Oct 2022 13:59  
 Operator : SY/MD  
 Sample : N4890-01DL 5X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EY0D8DL

Quant Time: Oct 08 00:58:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 07 23:51:49 2022  
 Response via : Initial Calibration

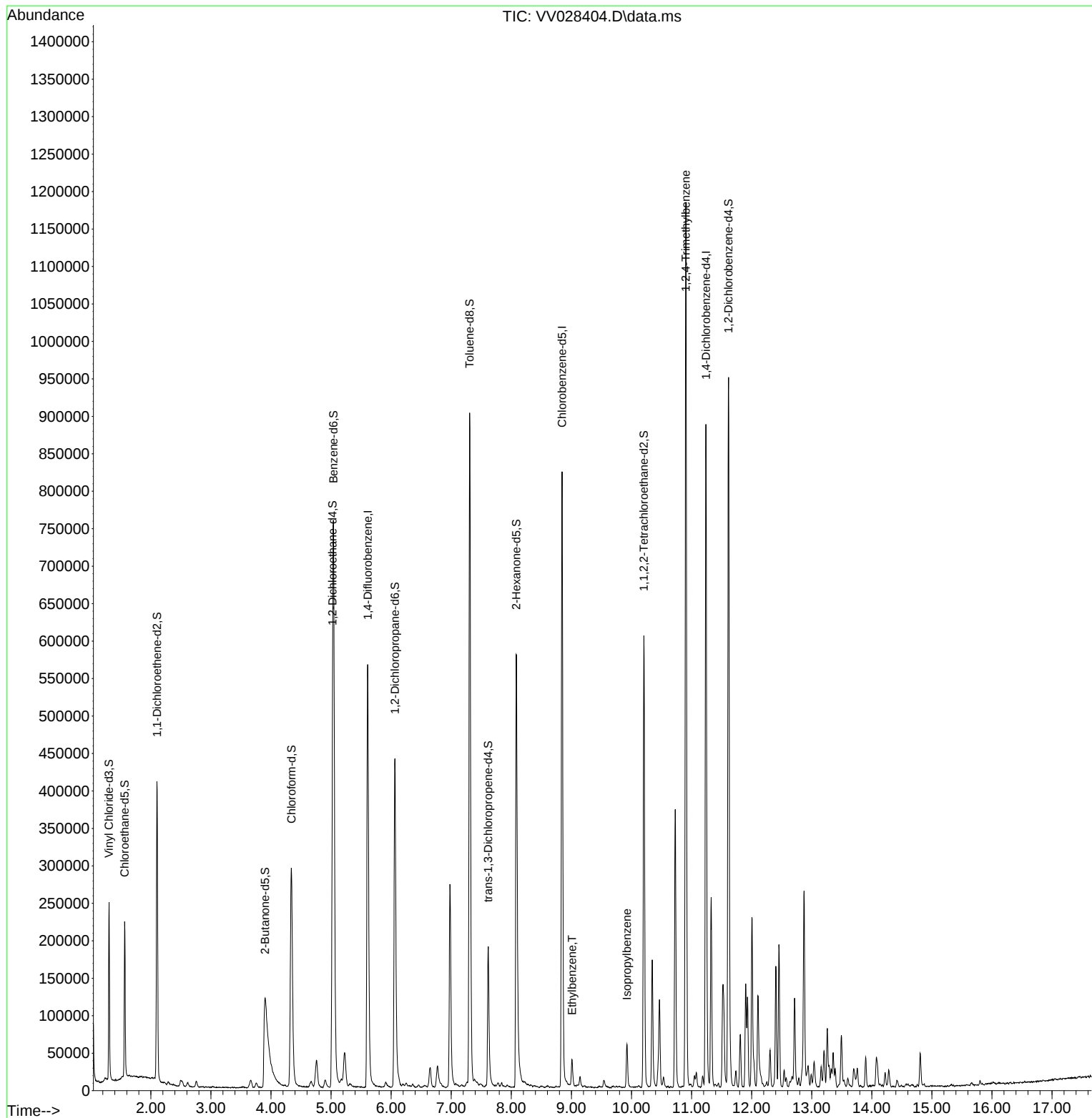
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609   | 114   | 478889   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.844   | 117   | 433699   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239  | 152   | 219560   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 155982   | 42.213   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 84.420%  |
| 7) Chloroethane-d5            | 1.564   | 69    | 129978   | 44.362   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 88.720%  |
| 11) 1,1-Dichloroethene-d2     | 2.101   | 63    | 209559   | 33.322   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 66.640%  |
| 21) 2-Butanone-d5             | 3.899   | 46    | 296225   | 91.577   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 91.580%  |
| 24) Chloroform-d              | 4.339   | 84    | 309639   | 45.690   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.380%  |
| 26) 1,2-Dichloroethane-d4     | 5.024   | 65    | 208190   | 47.634   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.260%  |
| 32) Benzene-d6                | 5.040   | 84    | 659927   | 47.486   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.980%  |
| 36) 1,2-Dichloropropane-d6    | 6.063   | 67    | 222093   | 49.016   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 98.040%  |
| 41) Toluene-d8                | 7.307   | 98    | 589488   | 47.378   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 94.760%  |
| 43) trans-1,3-Dichloroprop... | 7.616   | 79    | 111402   | 48.236   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 96.480%  |
| 47) 2-Hexanone-d5             | 8.082   | 63    | 234154   | 94.999   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 95.000%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207  | 84    | 295157   | 47.603   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 95.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.615  | 152   | 223400   | 49.105   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 98.220%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 52) Ethylbenzene              | 9.011   | 91    | 26317    | 1.642    | ug/L   | 98       |
| 60) Isopropylbenzene          | 9.924   | 105   | 38887    | 2.458    | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.905  | 105   | 619292   | 45.532   | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

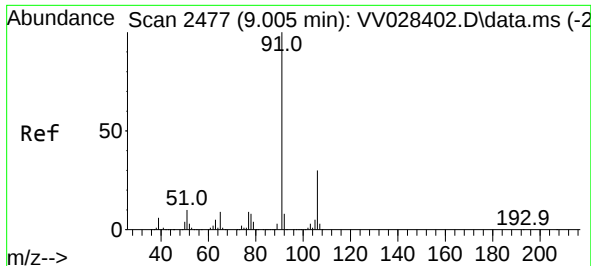
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Oct 07 23:51:49 2022  
Response via : Initial Calibration





#52

Ethylbenzene

Concen: 1.642 ug/L

RT: 9.011 min Scan# 2477

Delta R.T. 0.006 min

Lab File: VV028404.D

Acq: 07 Oct 2022 13:59

Instrument :

MSVOA\_V

ClientSampleId :

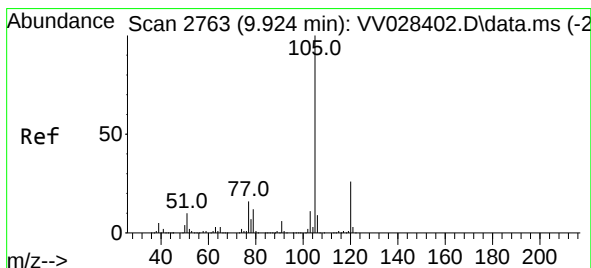
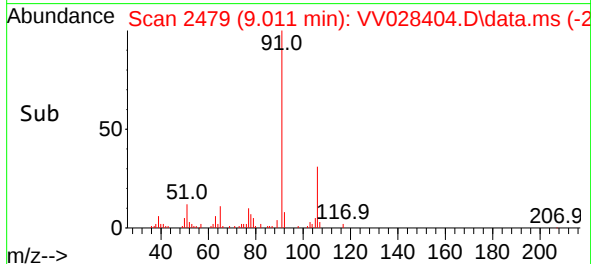
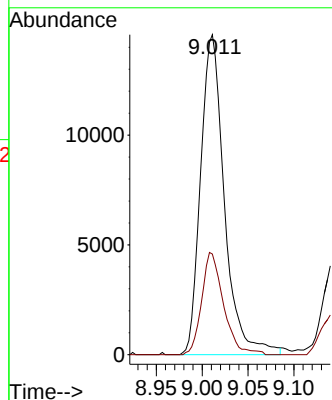
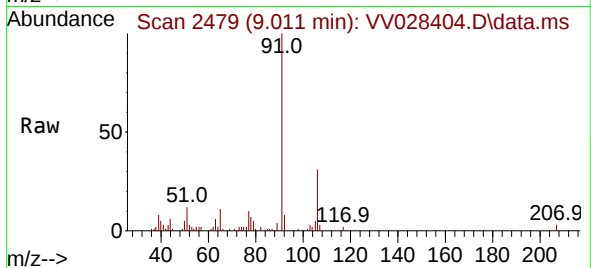
EY0D8DL

Tgt Ion: 91 Resp: 26317

Ion Ratio Lower Upper

91 100

106 31.5 21.4 39.8



#60

Isopropylbenzene

Concen: 2.458 ug/L

RT: 9.924 min Scan# 2763

Delta R.T. -0.000 min

Lab File: VV028404.D

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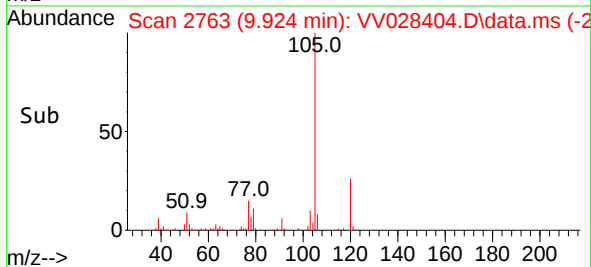
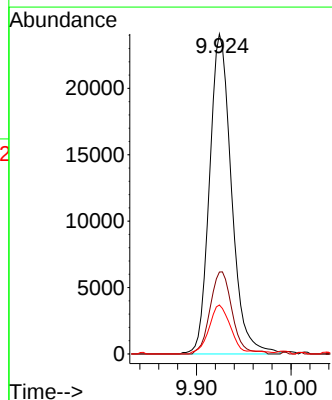
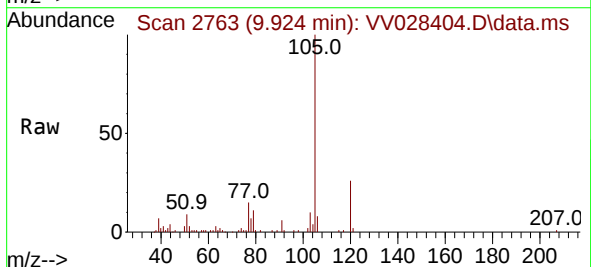
Tgt Ion: 105 Resp: 38887

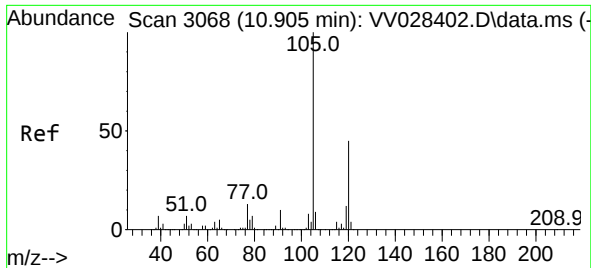
Ion Ratio Lower Upper

105 100

120 25.5 20.5 30.7

77 14.8 12.7 19.1





#63  
 1,2,4-Trimethylbenzene  
 Concen: 45.532 ug/L  
 RT: 10.905 min Scan# 3068  
 Delta R.T. -0.000 min  
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 Acq: 07 Oct 2022 13:59

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EY0D8DL

Tgt Ion:105 Resp: 619292  
 Ion Ratio Lower Upper  
 105 100  
 120 45.9 35.9 53.9

