

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW021721\  
 Data File : VW020344.D  
 Acq On : 17 Feb 2021 14:18  
 Operator : SY/MD  
 Sample : M1414-14ME 10X  
 Misc : 5.03g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBGZ9ME

Quant Time: Feb 18 00:35:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM020521WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Feb 18 00:34:19 2021  
 Response via : Initial Calibration

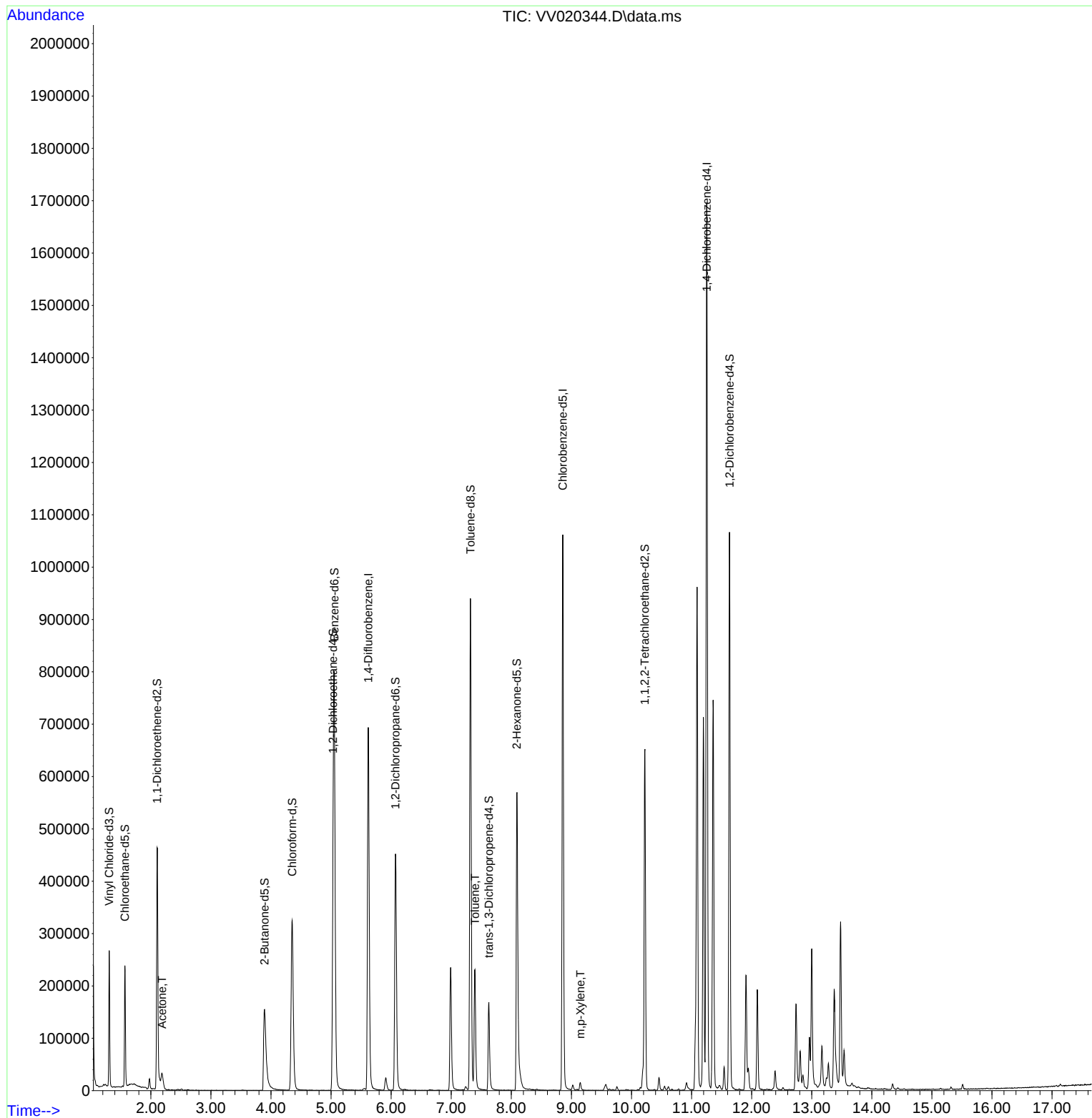
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 601993   | 50.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857   | 117   | 581900   | 50.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255  | 152   | 314863   | 50.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307   | 65    | 161587   | 36.82    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 73.64%   |
| 7) Chloroethane-d5            | 1.568   | 69    | 147019   | 40.83    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 81.66%   |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 246825   | 29.75    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 59.50%#  |
| 21) 2-Butanone-d5             | 3.892   | 46    | 282828   | 115.34   | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 115.34%  |
| 24) Chloroform-d              | 4.352   | 84    | 341102   | 43.67    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.34%   |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 239979   | 48.47    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 96.94%   |
| 32) Benzene-d6                | 5.053   | 84    | 691995   | 45.90    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.80%   |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 218647   | 48.58    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 97.16%   |
| 41) Toluene-d8                | 7.320   | 98    | 624859   | 44.10    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 88.20%   |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 96240    | 41.95    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 83.90%   |
| 47) 2-Hexanone-d5             | 8.091   | 63    | 199366   | 106.47   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 106.47%  |
| 57) 1,1,2,2-Tetrachloroeth... | 10.223  | 84    | 308288   | 47.70    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 95.40%   |
| 64) 1,2-Dichlorobenzene-d4    | 11.631  | 152   | 277018   | 46.50    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.00%   |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.185   | 43    | 49320    | 28.49    | ug/L   | 96       |
| 42) Toluene                   | 7.394   | 91    | 174406   | 10.19    | ug/L   | 99       |
| 53) m,p-Xylene                | 9.149   | 106   | 4473     | 0.62     | ug/L   | 85       |
| -----                         |         |       |          |          |        |          |

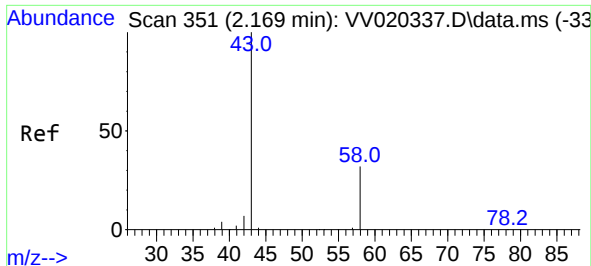
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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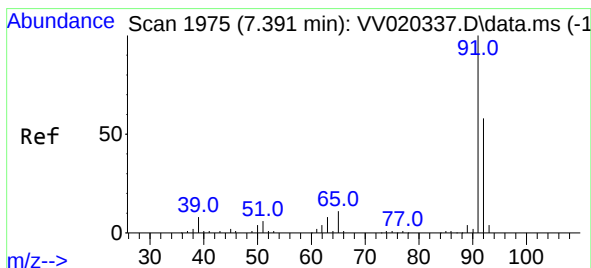
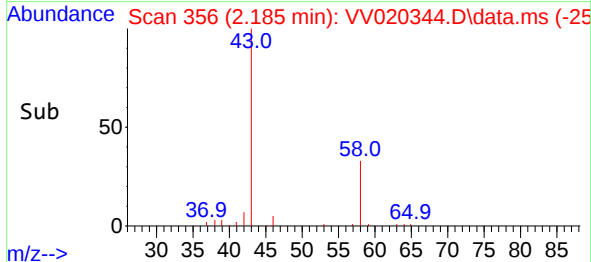
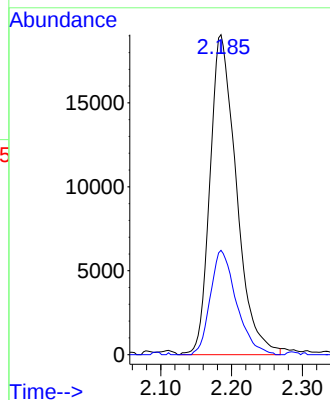
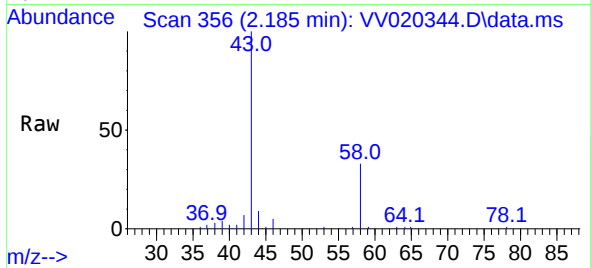




#13  
Acetone  
Concen: 28.49 ug/L  
RT: 2.185 min Scan# 356  
Delta R.T. 0.016 min  
Lab File: VV020344.D  
Acq: 17 Feb 2021 14:18

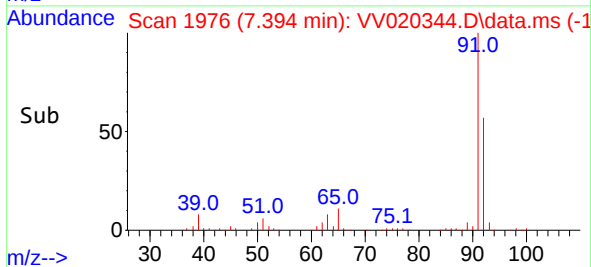
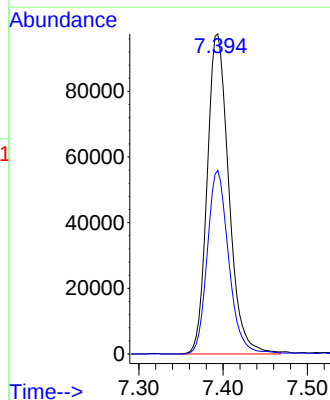
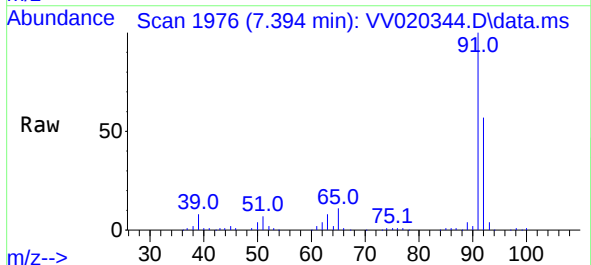
Instrument :  
MSVOA\_V  
ClientSampleId :  
DBGZ9ME

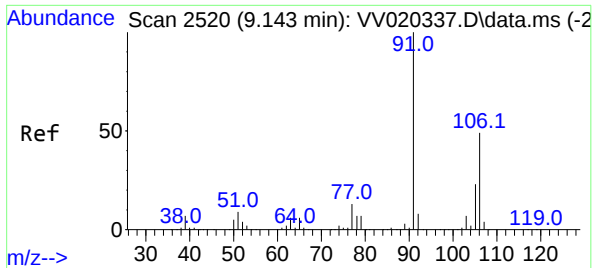
Tgt Ion: 43 Resp: 49320  
Ion Ratio Lower Upper  
43 100  
58 32.2 0.0 60.2



#42  
Toluene  
Concen: 10.19 ug/L  
RT: 7.394 min Scan# 1976  
Delta R.T. 0.003 min  
Lab File: VV020344.D  
Acq: 17 Feb 2021 14:18

Tgt Ion: 91 Resp: 174406  
Ion Ratio Lower Upper  
91 100  
92 57.3 40.7 75.7





#53  
m,p-Xylene  
Concen: 0.62 ug/L  
RT: 9.149 min Scan# 2522  
Delta R.T. 0.006 min  
Lab File: VV020344.D  
Acq: 17 Feb 2021 14:18

Instrument :  
MSVOA\_V  
ClientSampleId :  
DBGZ9ME

Tgt Ion:106 Resp: 4473  
Ion Ratio Lower Upper  
106 100  
91 188.6 148.1 275.0

