

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW030421\  
 Data File : VW020446.D  
 Acq On : 03 Mar 2021 14:27  
 Operator : SY/MD  
 Sample : M1546-01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0FY9

Quant Time: Mar 04 00:37:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM020521WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 04 00:36:40 2021  
 Response via : Initial Calibration

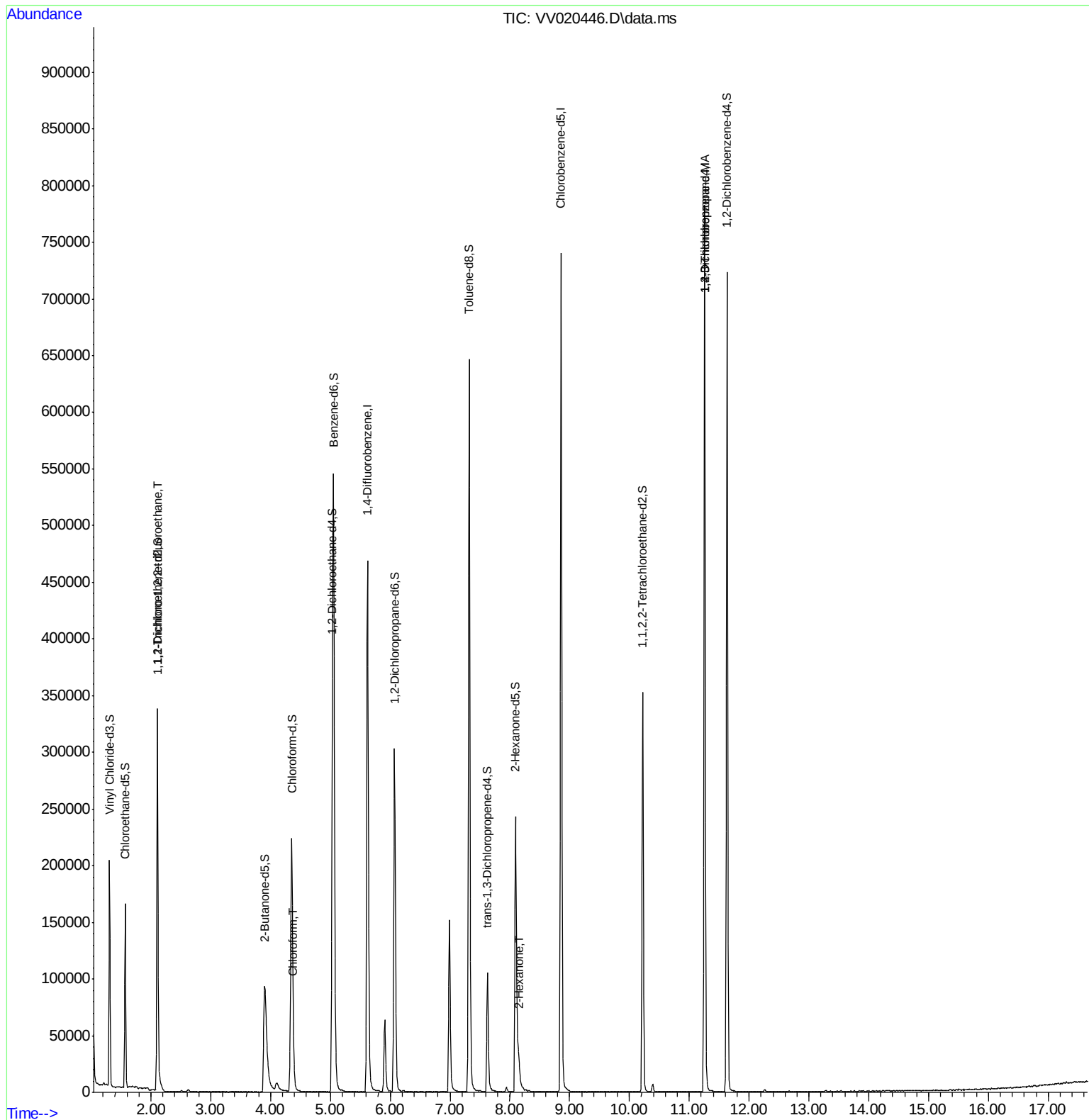
| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 423844     | 50.00   | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 425139     | 50.00   | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 211570     | 50.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 125483     | 40.61   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 81.22%  |       |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 106777     | 42.12   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 84.24%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 171440     | 29.35   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 58.70%# |       |          |
| 21) 2-Butanone-d5             | 3.899          | 46   | 147534     | 85.46   | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 85.46%  |       |          |
| 24) Chloroform-d              | 4.352          | 84   | 238662     | 43.40   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.80%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 158559     | 45.48   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.96%  |       |          |
| 32) Benzene-d6                | 5.053          | 84   | 487161     | 44.23   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.46%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 148625     | 45.20   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 90.40%  |       |          |
| 41) Toluene-d8                | 7.320          | 98   | 440594     | 42.57   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 85.14%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 65112      | 38.84   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 77.68%  |       |          |
| 47) 2-Hexanone-d5             | 8.095          | 63   | 80729      | 59.01   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 59.01%  |       |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 163522     | 34.63   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 69.26%  |       |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 200938     | 50.19   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 100.38% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111          | 101  | 1886       | 0.69    | ug/L  | # 24     |
| 25) Chloroform                | 4.381          | 83   | 10945      | 2.11    | ug/L  | 97       |
| 48) 2-Hexanone                | 8.149          | 43   | 18610      | 6.70    | ug/L  | # 97     |
| 59) 1,2,3-Trichloropropane    | 11.255         | 75   | 21166      | 5.48    | ug/L  | 92       |
| -----                         |                |      |            |         |       |          |

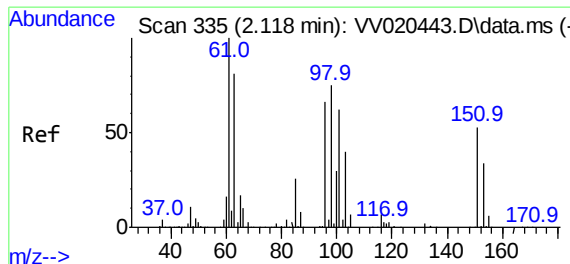
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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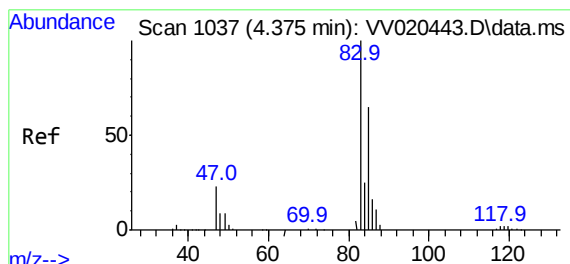
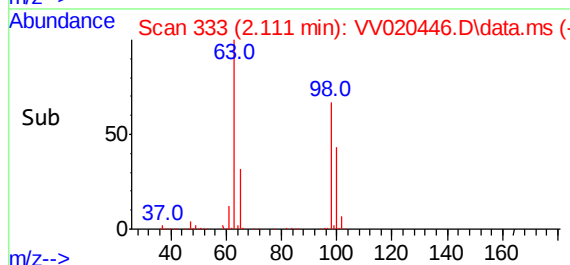
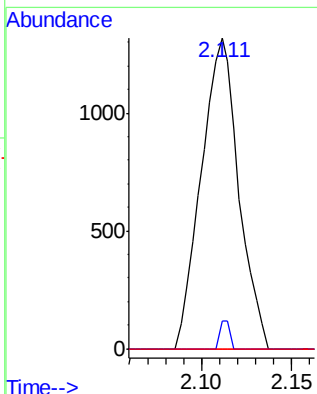
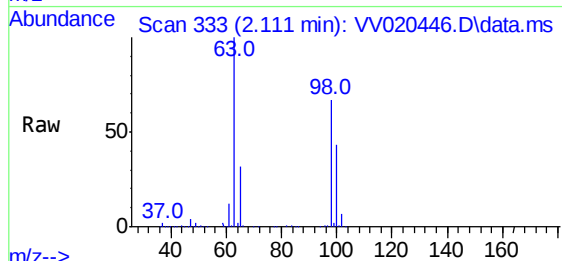




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.69 ug/L  
RT: 2.111 min Scan# 333  
Delta R.T. -0.006 min  
Lab File: VV020446.D  
Acq: 03 Mar 2021 14:27

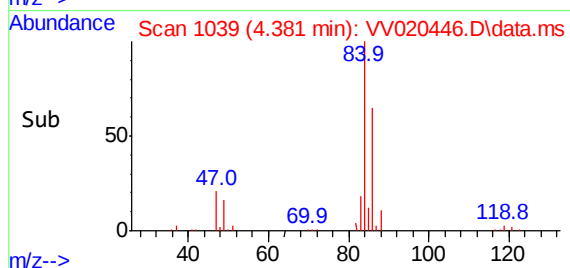
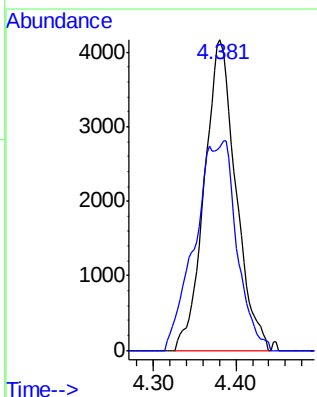
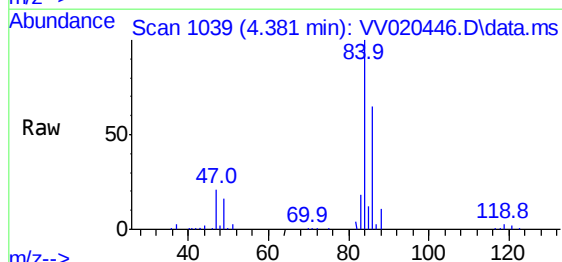
Instrument :  
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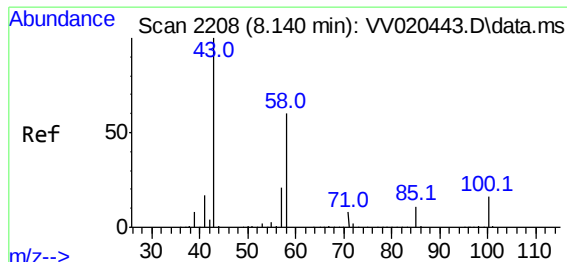
Tgt Ion:101 Resp: 1886  
Ion Ratio Lower Upper  
101 100  
85 2.4 35.3 52.9#  
151 0.0 53.6 80.4#



#25  
Chloroform  
Concen: 2.11 ug/L  
RT: 4.381 min Scan# 1039  
Delta R.T. 0.006 min  
Lab File: VV020446.D  
Acq: 03 Mar 2021 14:27

Tgt Ion: 83 Resp: 10945  
Ion Ratio Lower Upper  
83 100  
85 65.6 44.2 82.2

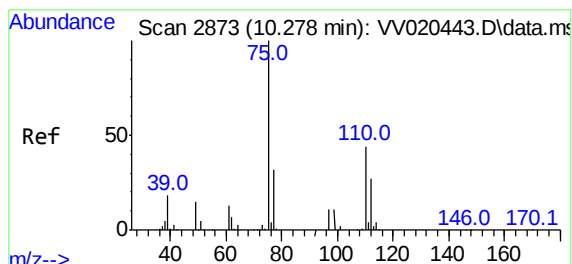
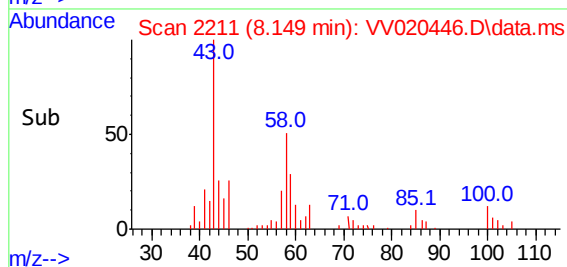
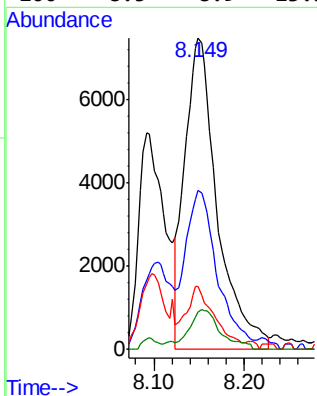
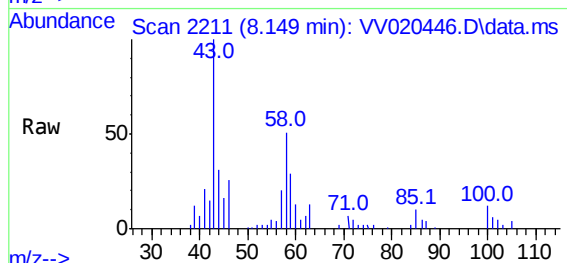




#48  
2-Hexanone  
Concen: 6.70 ug/L  
RT: 8.149 min Scan# 2211  
Delta R.T. 0.010 min  
Lab File: VV020446.D  
Acq: 03 Mar 2021 14:27

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0FY9

Tgt Ion: 43 Resp: 18610  
Ion Ratio Lower Upper  
43 100  
58 50.6 41.8 62.6  
57 18.1 15.0 22.4  
100 8.5 8.9 13.3#



#59  
1,2,3-Trichloropropane  
Concen: 5.48 ug/L  
RT: 11.255 min Scan# 3177  
Delta R.T. 0.977 min  
Lab File: VV020446.D  
Acq: 03 Mar 2021 14:27

Tgt Ion: 75 Resp: 21166  
Ion Ratio Lower Upper  
75 100  
77 36.2 25.4 38.0

