

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW100221\  
 Data File : VW022529.D  
 Acq On : 02 Oct 2021 23:13  
 Operator : SY/MD  
 Sample : M3973-06ME  
 Misc : 5.03g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW8X2ME

Manual Integrations  
 APPROVED

SAM  
 10/17/2021 7:02:58 AM

Quant Time: Oct 04 04:29:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Oct 04 04:27:20 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616          | 114  | 244241     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 231822     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.256         | 152  | 108529     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 60882      | 40.305   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 80.620%  |        |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 43278      | 36.449   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 72.900%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.092          | 63   | 89016      | 29.887   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 59.780%# |        |          |
| 21) 2-Butanone-d5             | 3.937          | 46   | 76913m     | 92.502   | ug/L   | 0.05     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 92.500%  |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 117965     | 42.744   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.480%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 76115      | 47.544   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.080%  |        |          |
| 32) Benzene-d6                | 5.047          | 84   | 248266     | 46.227   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.460%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 76283      | 46.139   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 92.280%  |        |          |
| 41) Toluene-d8                | 7.317          | 98   | 220756     | 44.811   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 89.620%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 32066      | 40.993   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 81.980%  |        |          |
| 47) 2-Hexanone-d5             | 8.124          | 63   | 53966      | 78.795   | ug/L   | 0.03     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 78.790%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.227         | 84   | 91718      | 39.895   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 79.780%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 86637      | 48.952   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 97.900%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 25) Chloroform                | 4.375          | 83   | 4367       | 1.310    | ug/L   | 88       |
| 34) Trichloroethene           | 5.918          | 95   | 9348       | 5.002    | ug/L   | 97       |
| -----                         |                |      |            |          |        |          |

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

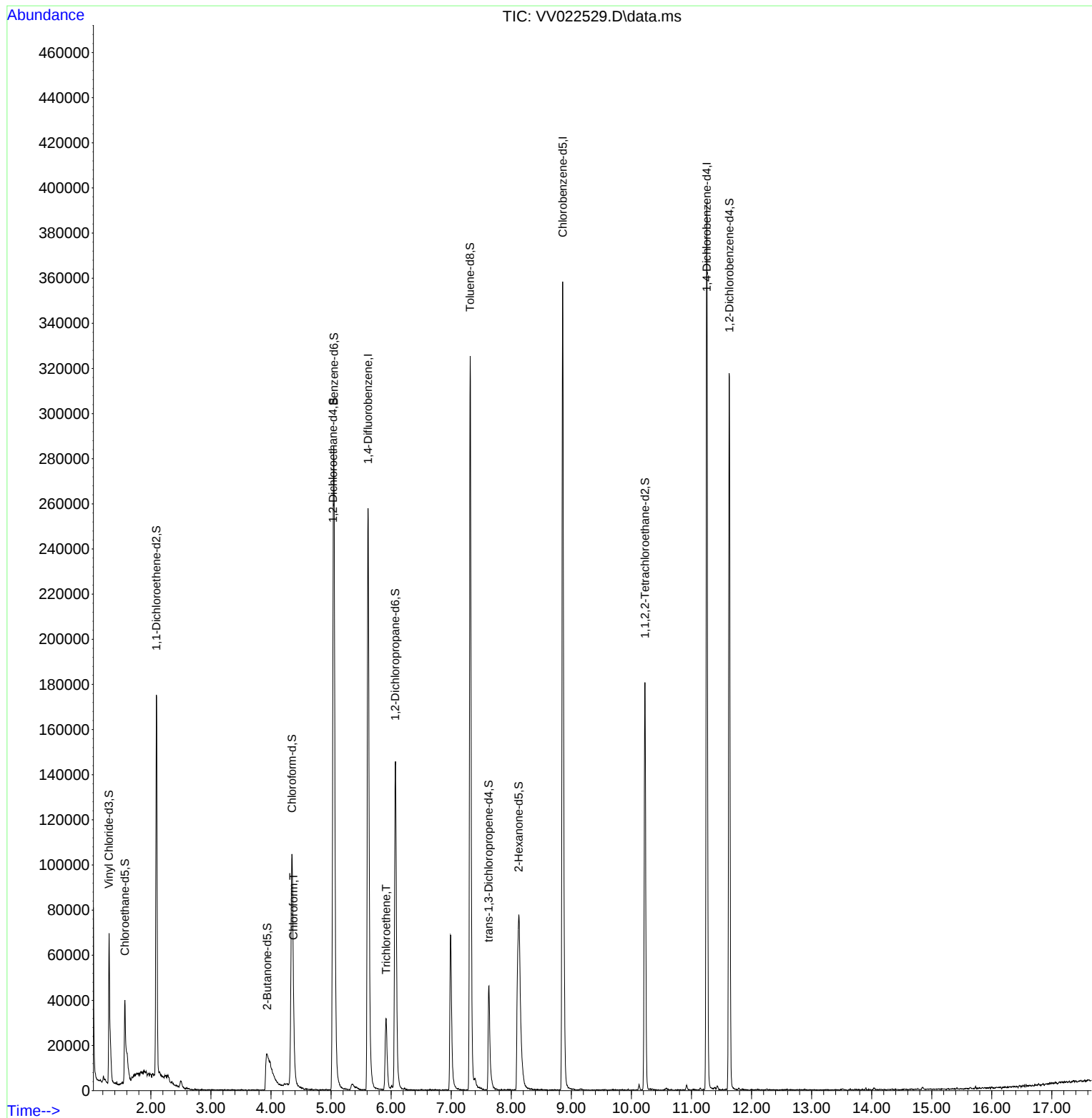
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100221\  
Data File : VV022529.D  
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ALS Vial : 31 Sample Multiplier: 1

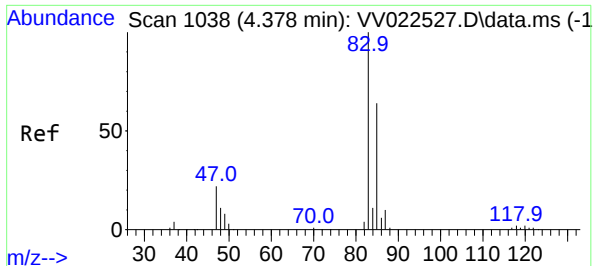
Instrument :  
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ClientSampleId :  
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Quant Time: Oct 04 04:29:58 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100121WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Oct 04 04:27:20 2021  
Response via : Initial Calibration





#25

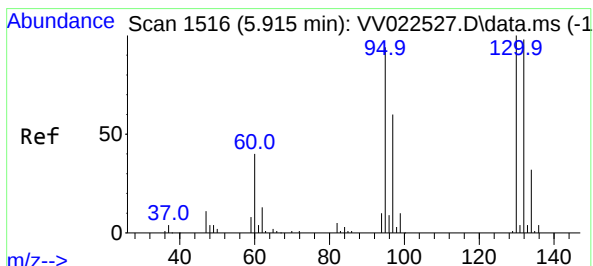
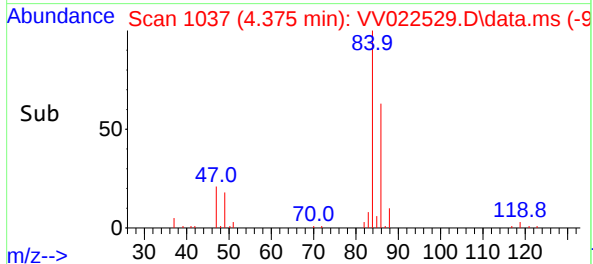
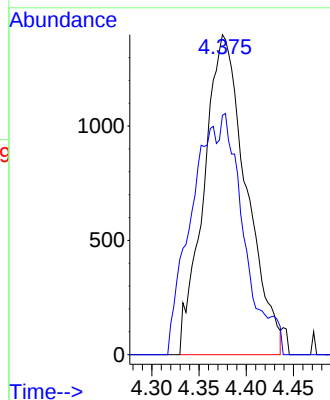
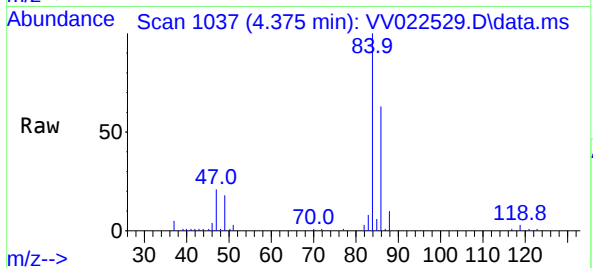
Chloroform  
Concen: 1.310 ug/L  
RT: 4.375 min Scan# 1037  
Delta R.T. -0.003 min  
Lab File: VV022529.D  
Acq: 02 Oct 2021 23:13

Instrument :  
MSVOA\_V  
ClientSampleId :  
EW8X2ME

Tgt Ion: 83 Resp: 4367  
Ion Ratio Lower Upper  
83 100  
85 74.8 45.8 85.0

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#34

Trichloroethene  
Concen: 5.002 ug/L  
RT: 5.918 min Scan# 1517  
Delta R.T. 0.003 min  
Lab File: VV022529.D  
Acq: 02 Oct 2021 23:13

Tgt Ion: 95 Resp: 9348  
Ion Ratio Lower Upper  
95 100  
97 66.1 45.4 84.4  
132 101.5 71.5 132.9  
130 102.3 75.2 139.6

