

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW101022\  
 Data File : VW028496.D  
 Acq On : 10 Oct 2022 15:44  
 Operator : SY/MD  
 Sample : N4973-04ME  
 Misc : 6.20g/5.0ml/100ul/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EY199ME

Quant Time: Oct 11 02:56:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM100722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 11 02:53:11 2022  
 Response via : Initial Calibration

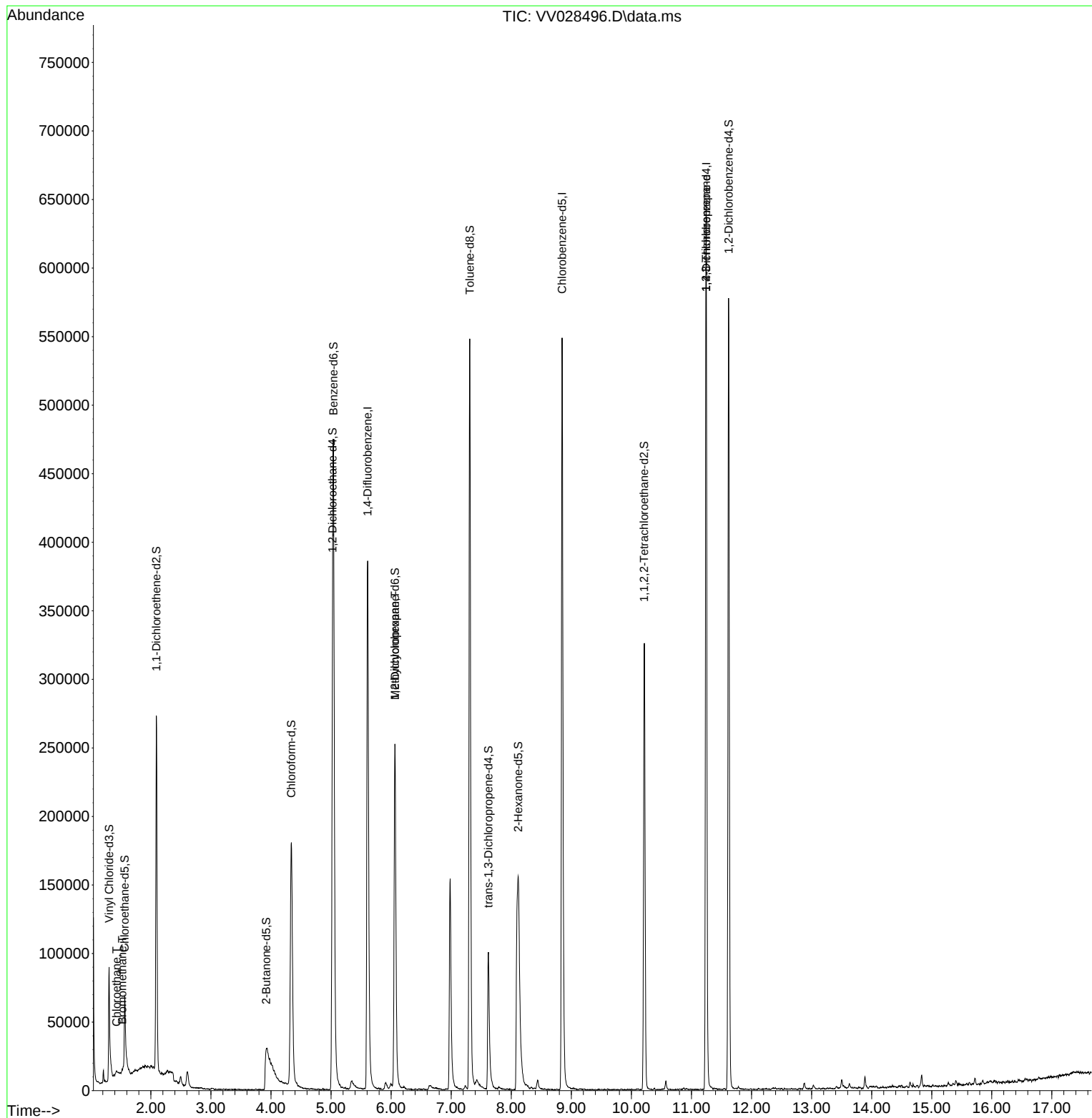
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609          | 114  | 348024     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847          | 117  | 327150     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246         | 152  | 170871     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 78555      | 29.253   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 58.500%# |        |          |
| 7) Chloroethane-d5            | 1.565          | 69   | 61525      | 28.895   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 57.780%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.092          | 63   | 126330     | 27.641   | ug/L   | -0.01    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 55.280%# |        |          |
| 21) 2-Butanone-d5             | 3.921          | 46   | 67747      | 28.819   | ug/L   | 0.04     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 28.820%# |        |          |
| 24) Chloroform-d              | 4.339          | 84   | 193469     | 39.282   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 78.560%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.024          | 65   | 131509     | 41.403   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 82.800%  |        |          |
| 32) Benzene-d6                | 5.040          | 84   | 398133     | 37.979   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 75.960%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.063          | 67   | 123459     | 36.121   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 72.240%  |        |          |
| 41) Toluene-d8                | 7.310          | 98   | 369500     | 39.369   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 78.740%# |        |          |
| 43) trans-1,3-Dichloroprop... | 7.619          | 79   | 66510      | 38.178   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 76.360%  |        |          |
| 47) 2-Hexanone-d5             | 8.114          | 63   | 120575     | 64.851   | ug/L   | 0.03     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 64.850%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214         | 84   | 169254     | 36.188   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 72.380%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.619         | 152  | 146352     | 41.336   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 82.680%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
| 6) Bromomethane               | 1.523          | 94   | 1939       | 1.436    | ug/L   | 96       |
| 8) Chloroethane               | 1.430          | 64   | 11234      | 6.251    | ug/L # | 50       |
| 35) Methylcyclohexane         | 6.063          | 83   | 30490      | 6.570    | ug/L # | 18       |
| 61) 1,2,3-Trichloropropane    | 11.243         | 75   | 19748      | 5.429    | ug/L # | 69       |
| -----                         |                |      |            |          |        |          |

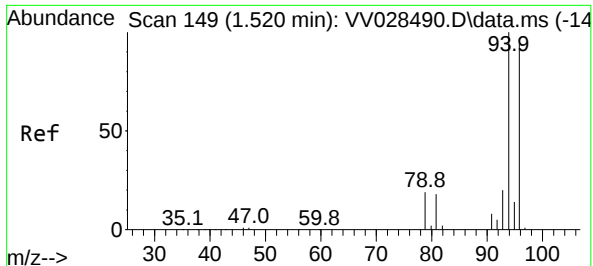
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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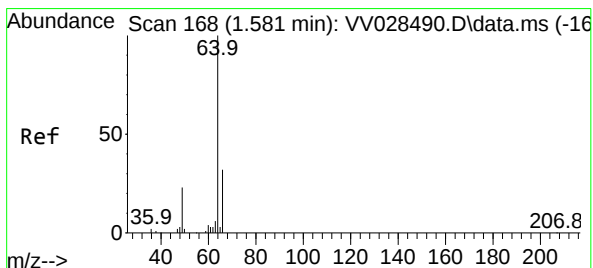
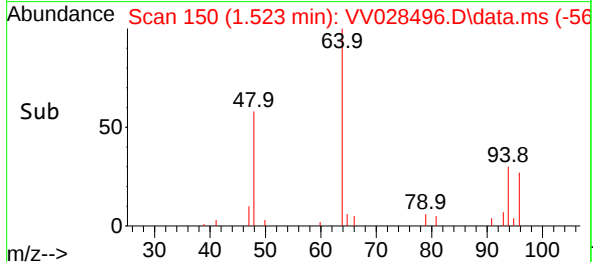
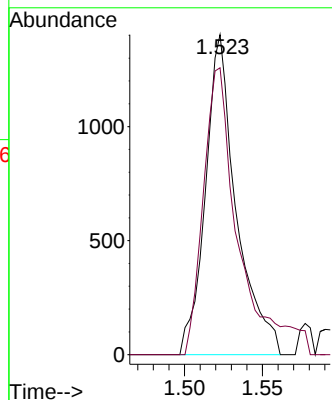
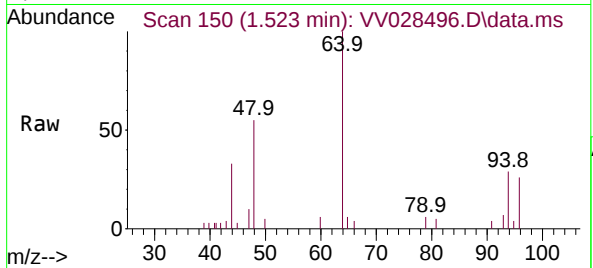




#6  
Bromomethane  
Concen: 1.436 ug/L  
RT: 1.523 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV028496.D  
Acq: 10 Oct 2022 15:44

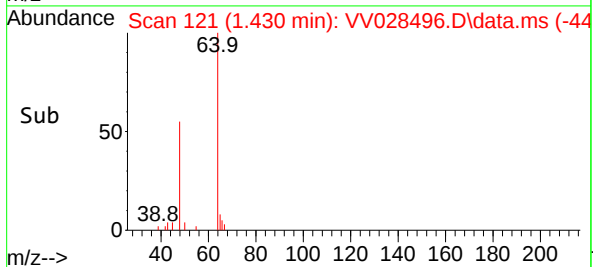
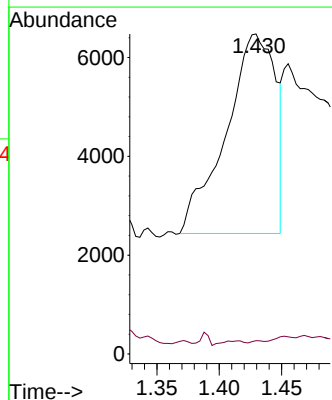
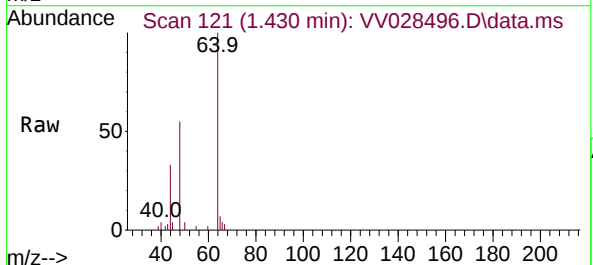
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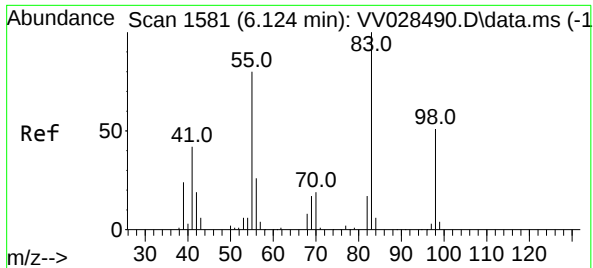
Tgt Ion: 94 Resp: 1939  
Ion Ratio Lower Upper  
94 100  
96 89.7 65.5 121.6



#8  
Chloroethane  
Concen: 6.251 ug/L  
RT: 1.430 min Scan# 121  
Delta R.T. -0.151 min  
Lab File: VV028496.D  
Acq: 10 Oct 2022 15:44

Tgt Ion: 64 Resp: 11234  
Ion Ratio Lower Upper  
64 100  
66 4.2 22.2 41.2#

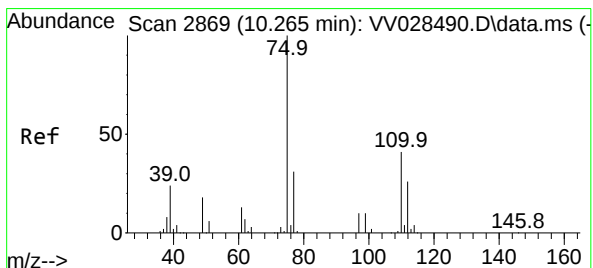
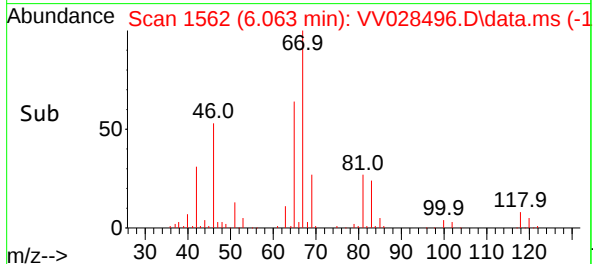
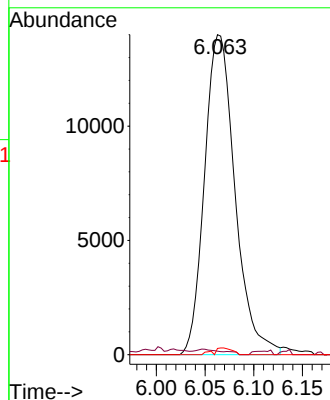
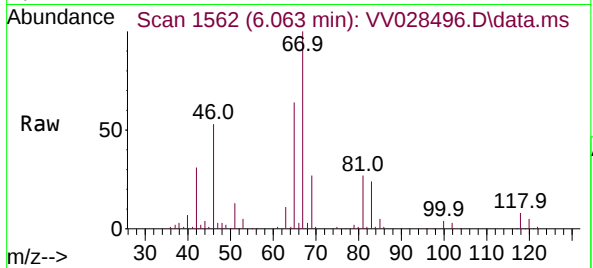




#35  
Methylcyclohexane  
Concen: 6.570 ug/L  
RT: 6.063 min Scan# 11  
Delta R.T. -0.061 min  
Lab File: VV028496.D  
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Instrument :  
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ClientSampleId :  
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Tgt Ion: 83 Resp: 30490  
Ion Ratio Lower Upper  
83 100  
55 0.5 63.7 95.5#  
98 1.0 38.2 57.2#



#61  
1,2,3-Trichloropropane  
Concen: 5.429 ug/L  
RT: 11.243 min Scan# 3173  
Delta R.T. 0.977 min  
Lab File: VV028496.D  
Acq: 10 Oct 2022 15:44

Tgt Ion: 75 Resp: 19748  
Ion Ratio Lower Upper  
75 100  
77 32.8 25.7 38.5  
110 3.3 30.0 45.0#

