

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092223\  
 Data File : VV032156.D  
 Acq On : 22 Sep 2023 11:29  
 Operator : SY/MD  
 Sample : VV0922MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 23 01:24:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082323WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 23 01:24:00 2023  
 Response via : Initial Calibration

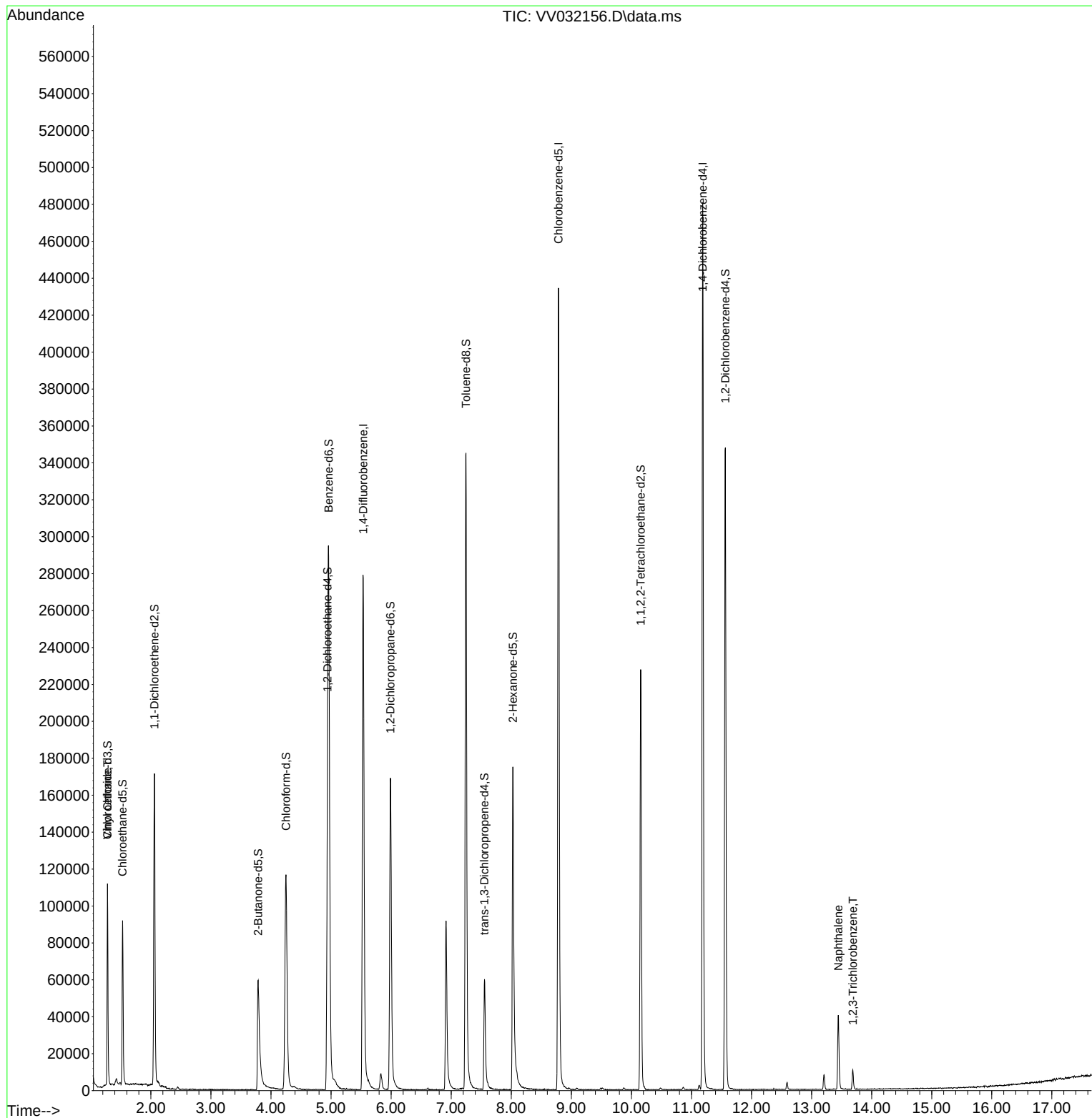
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535   | 114   | 249848   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786   | 117   | 239497   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188  | 152   | 119165   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 71033    | 45.428   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 90.860%  |
| 7) Chloroethane-d5            | 1.529   | 69    | 58666    | 42.800   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 85.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.060   | 65    | 29351    | 40.087   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 80.180%  |
| 21) 2-Butanone-d5             | 3.786   | 46    | 101426   | 82.474   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 82.470%  |
| 24) Chloroform-d              | 4.249   | 84    | 125739   | 36.791   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 73.580%  |
| 26) 1,2-Dichloroethane-d4     | 4.941   | 65    | 80893    | 35.666   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 71.340%  |
| 32) Benzene-d6                | 4.960   | 84    | 267837   | 40.984   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.960%  |
| 36) 1,2-Dichloropropane-d6    | 5.989   | 67    | 88636    | 42.138   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 84.280%  |
| 41) Toluene-d8                | 7.246   | 98    | 234485   | 38.941   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 77.880%# |
| 43) trans-1,3-Dichloroprop... | 7.555   | 79    | 37624    | 34.510   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 69.020%  |
| 47) 2-Hexanone-d5             | 8.027   | 63    | 62341    | 96.697   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 96.700%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156  | 84    | 112904   | 41.537   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 83.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564  | 152   | 90444    | 41.635   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 83.260%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 8) Chloroethane               | 1.278   | 64    | 961      | 0.873    | ug/L   | # 1      |
| 71) Naphthalene               | 13.445  | 128   | 32511    | 4.065    | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.686  | 180   | 3298     | 1.375    | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

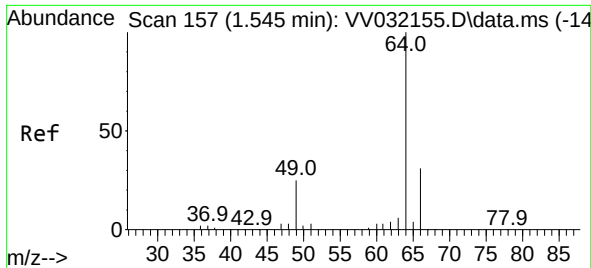
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

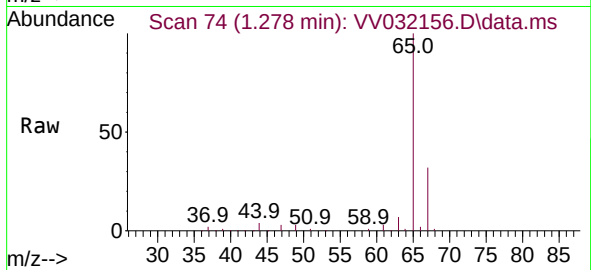
Quant Time: Sep 23 01:24:49 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082323WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Sep 23 01:24:00 2023  
Response via : Initial Calibration



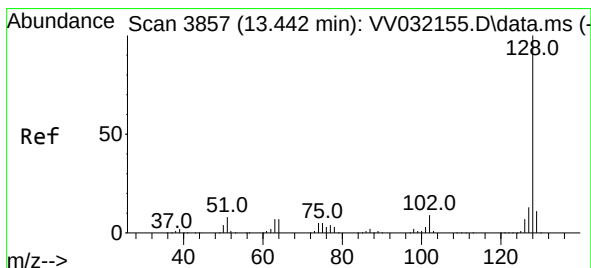
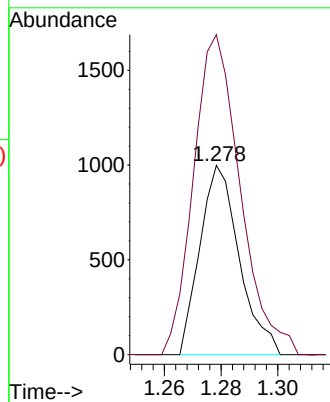
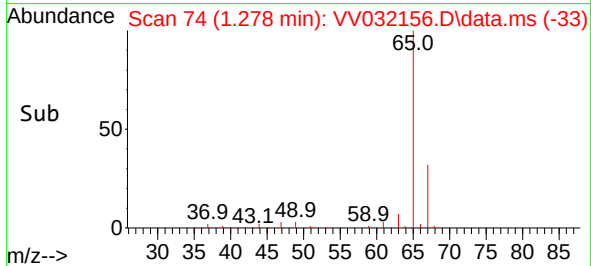


#8  
Chloroethane  
Concen: 0.873 ug/L  
RT: 1.278 min Scan# 74  
Delta R.T. -0.267 min  
Lab File: VV032156.D  
Acq: 22 Sep 2023 11:29

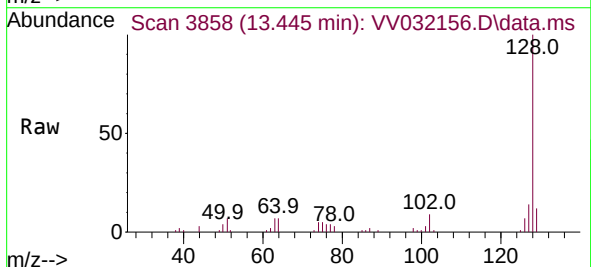
Instrument :  
MSVOA\_V  
ClientSampleId :



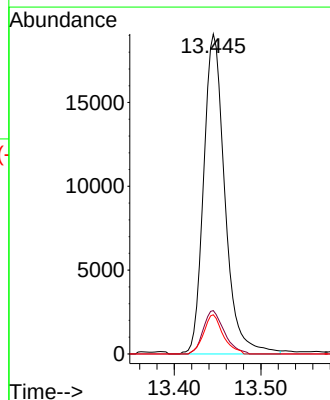
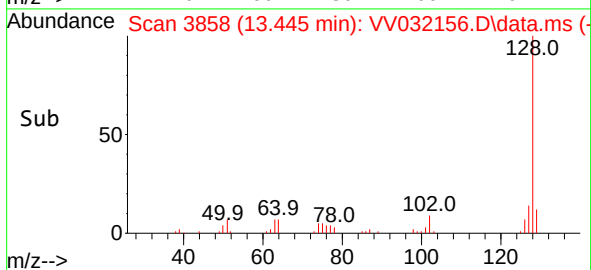
Tgt Ion: 64 Resp: 961  
Ion Ratio Lower Upper  
64 100  
66 169.1 23.2 43.2#

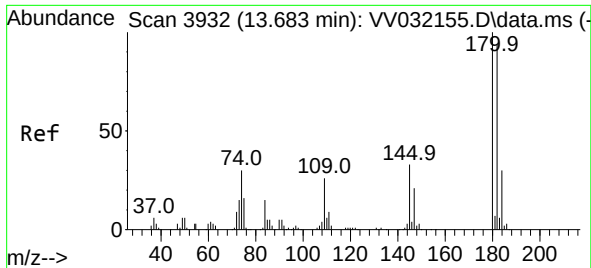


#71  
Naphthalene  
Concen: 4.065 ug/L  
RT: 13.445 min Scan# 3858  
Delta R.T. 0.003 min  
Lab File: VV032156.D  
Acq: 22 Sep 2023 11:29



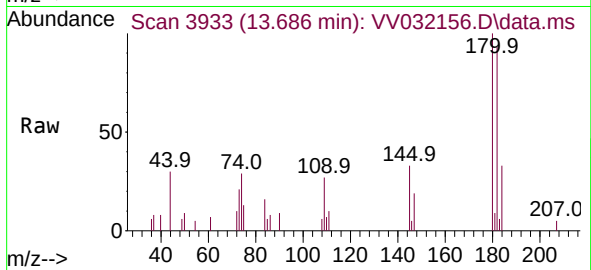
Tgt Ion: 128 Resp: 32511  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.4 15.6  
129 11.2 8.7 13.1





#72  
 1,2,3-Trichlorobenzene  
 Concen: 1.375 ug/L  
 RT: 13.686 min Scan# 3933  
 Delta R.T. 0.003 min  
 Lab File: VV032156.D  
 Acq: 22 Sep 2023 11:29

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 3298  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.4  | 76.7  | 115.1 |
| 145      | 32.5  | 27.7  | 41.5  |

