

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV052224\  
 Data File : VV035684.D  
 Acq On : 22 May 2024 18:32  
 Operator : SY/MD  
 Sample : P2566-04  
 Misc : 4.29g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHHT7

Quant Time: May 23 02:26:48 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050624SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 23 02:17:29 2024  
 Response via : Initial Calibration

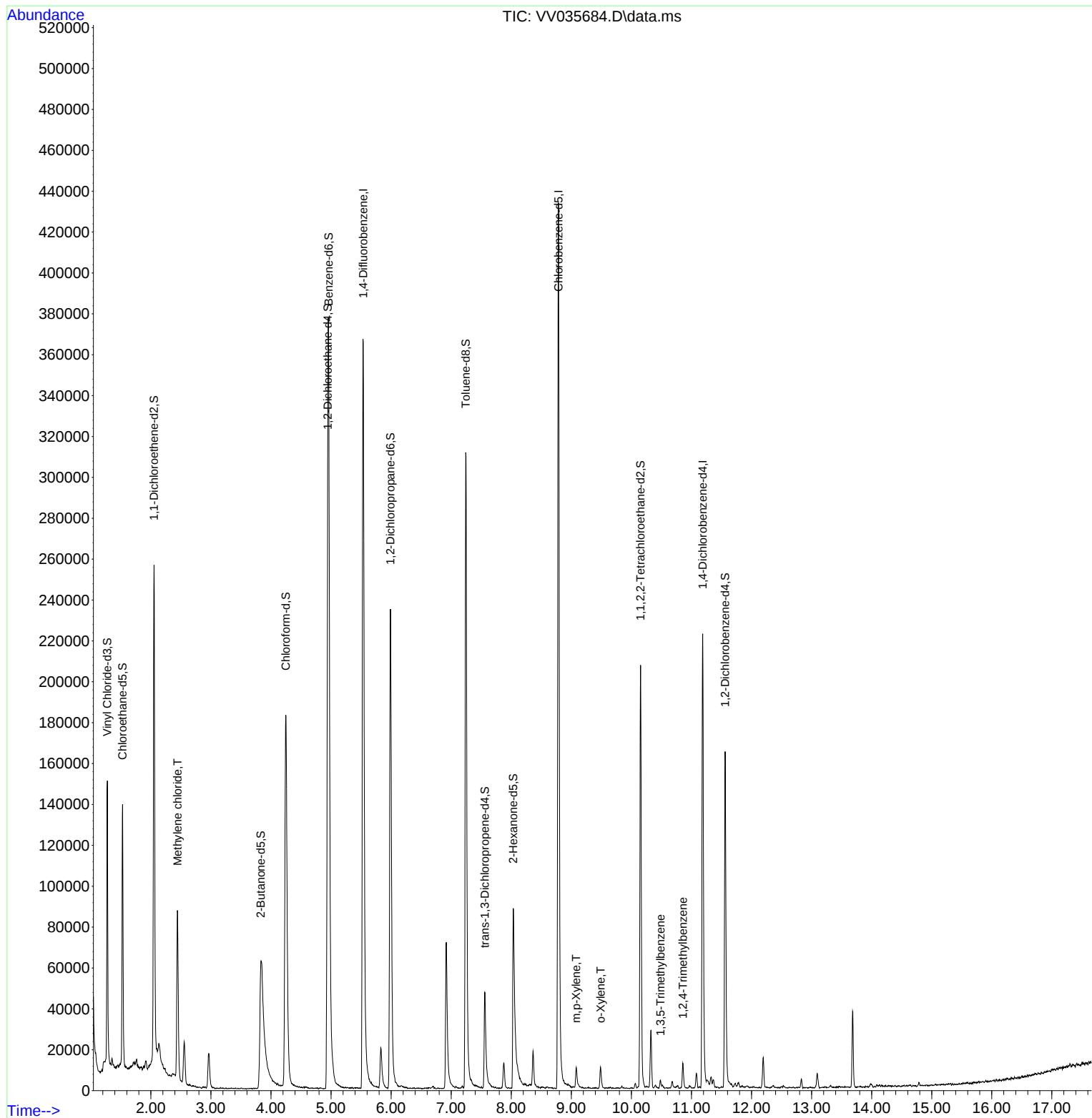
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 335137   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 259981   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 63276    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 90944    | 17.557   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 70.240%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 83679    | 20.024   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 80.080%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 41294    | 18.007   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 72.040%  |
| 21) 2-Butanone-d5             | 3.831  | 46    | 55359    | 37.659   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 75.320%  |
| 24) Chloroform-d              | 4.246  | 84    | 208721   | 20.949   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 83.800%  |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65    | 114084   | 23.162   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 92.640%  |
| 32) Benzene-d6                | 4.960  | 84    | 339433   | 23.851   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 95.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 124040   | 28.243   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 112.960% |
| 41) Toluene-d8                | 7.243  | 98    | 226048   | 17.847   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 71.400%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 32716    | 17.418   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 69.680%  |
| 47) 2-Hexanone-d5             | 8.034  | 63    | 32379    | 41.000   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 82.000%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 104437   | 24.678   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 98.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 44145    | 20.103   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 80.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.442  | 84    | 36652    | 4.743    | ug/L   | 98       |
| 53) m,p-Xylene                | 9.082  | 106   | 3128     | 0.410    | ug/L   | 90       |
| 54) o-Xylene                  | 9.487  | 106   | 3105     | 0.430    | ug/L   | 90       |
| 62) 1,3,5-Trimethylbenzene    | 10.484 | 105   | 2503     | 0.379    | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 10.857 | 105   | 5714     | 0.841    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

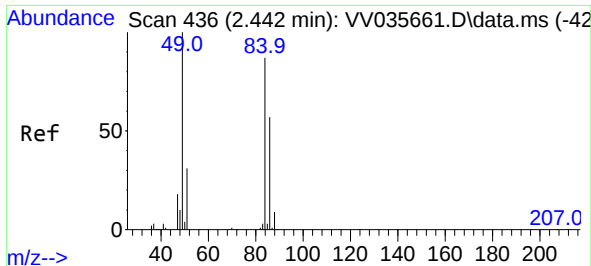
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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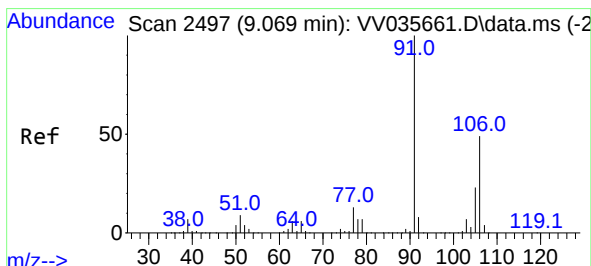
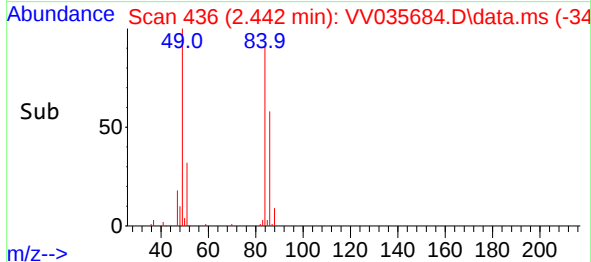
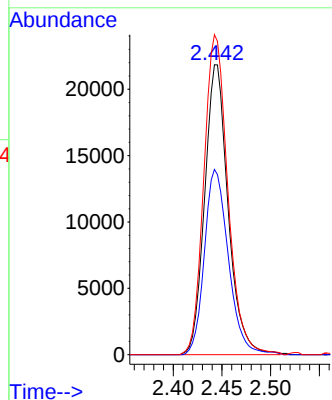
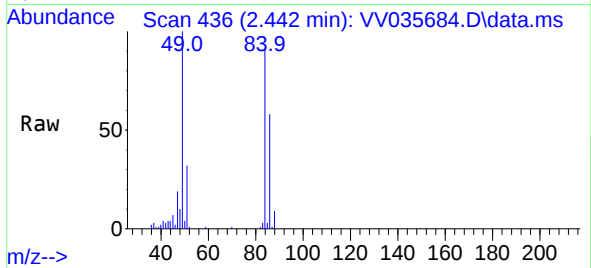




#16  
Methylene chloride  
Concen: 4.743 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV035684.D  
Acq: 22 May 2024 18:32

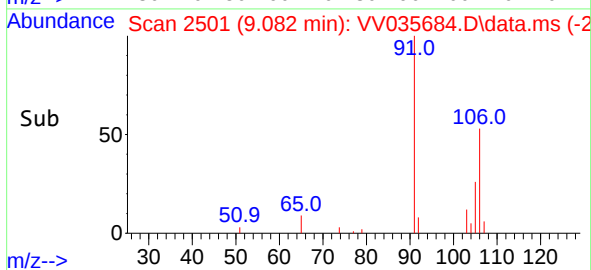
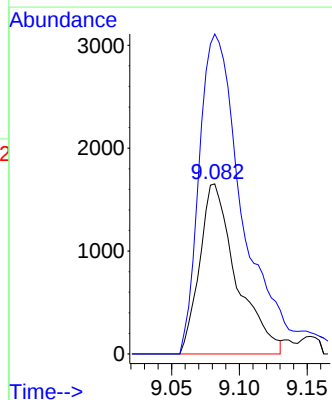
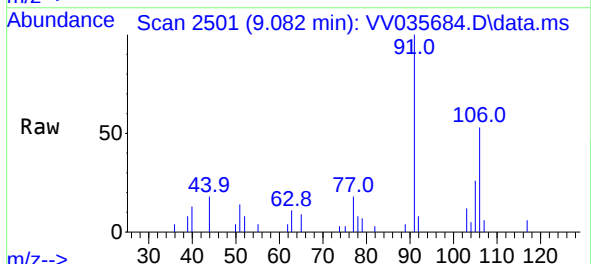
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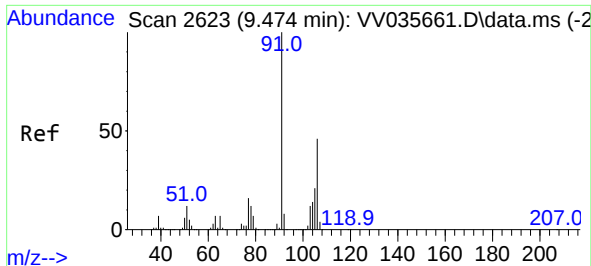
Tgt Ion: 84 Resp: 36652  
Ion Ratio Lower Upper  
84 100  
86 63.9 43.8 81.3  
49 110.4 75.3 139.9



#53  
m,p-Xylene  
Concen: 0.410 ug/L  
RT: 9.082 min Scan# 2501  
Delta R.T. 0.013 min  
Lab File: VV035684.D  
Acq: 22 May 2024 18:32

Tgt Ion: 106 Resp: 3128  
Ion Ratio Lower Upper  
106 100  
91 188.1 142.7 264.9

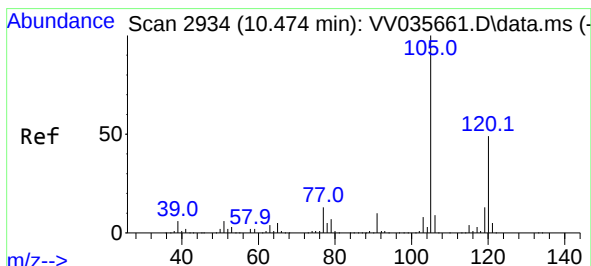
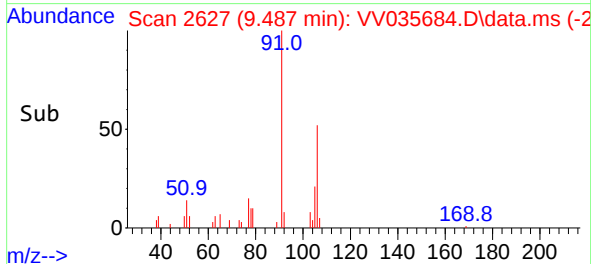
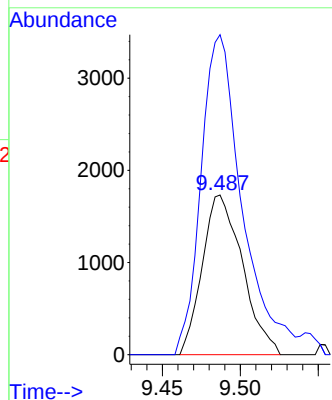
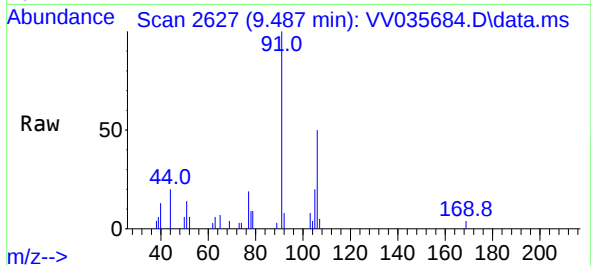




#54  
o-Xylene  
Concen: 0.430 ug/L  
RT: 9.487 min Scan# 2105  
Delta R.T. 0.013 min  
Lab File: VV035684.D  
Acq: 22 May 2024 18:32

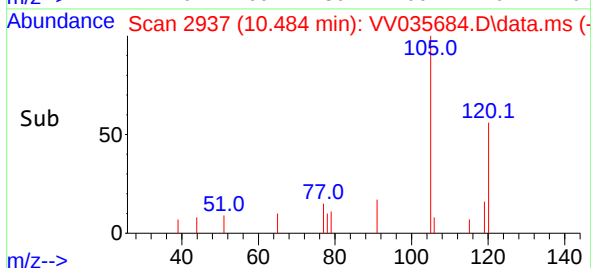
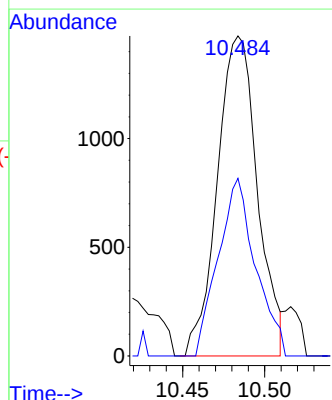
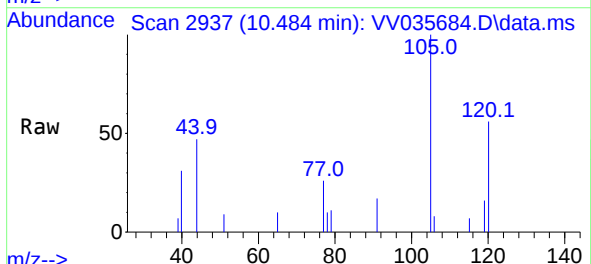
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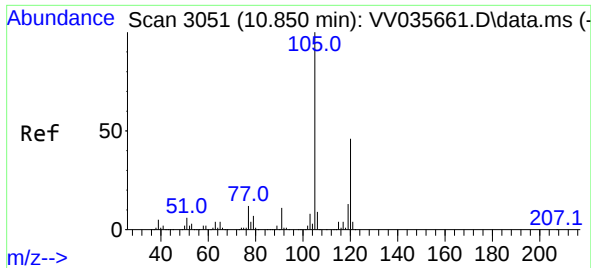
Tgt Ion:106 Resp: 3105  
Ion Ratio Lower Upper  
106 100  
91 200.3 150.9 280.3



#62  
1,3,5-Trimethylbenzene  
Concen: 0.379 ug/L  
RT: 10.484 min Scan# 2937  
Delta R.T. 0.010 min  
Lab File: VV035684.D  
Acq: 22 May 2024 18:32

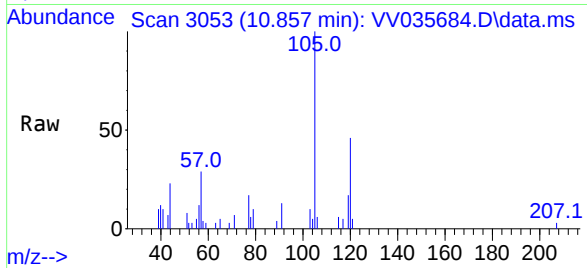
Tgt Ion:105 Resp: 2503  
Ion Ratio Lower Upper  
105 100  
120 51.7 39.4 59.0





#63  
1,2,4-Trimethylbenzene  
Concen: 0.841 ug/L  
RT: 10.857 min Scan# 3053  
Delta R.T. 0.006 min  
Lab File: VV035684.D  
Acq: 22 May 2024 18:32

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHHT7



Tgt Ion:105 Resp: 5714  
Ion Ratio Lower Upper  
105 100  
120 44.3 36.6 55.0

