

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW092623\  
 Data File : VW032178.D  
 Acq On : 26 Sep 2023 12:21  
 Operator : SY/MD  
 Sample : 04527-11ME  
 Misc : 5.12g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 27 02:39:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 26 01:18:56 2023  
 Response via : Initial Calibration

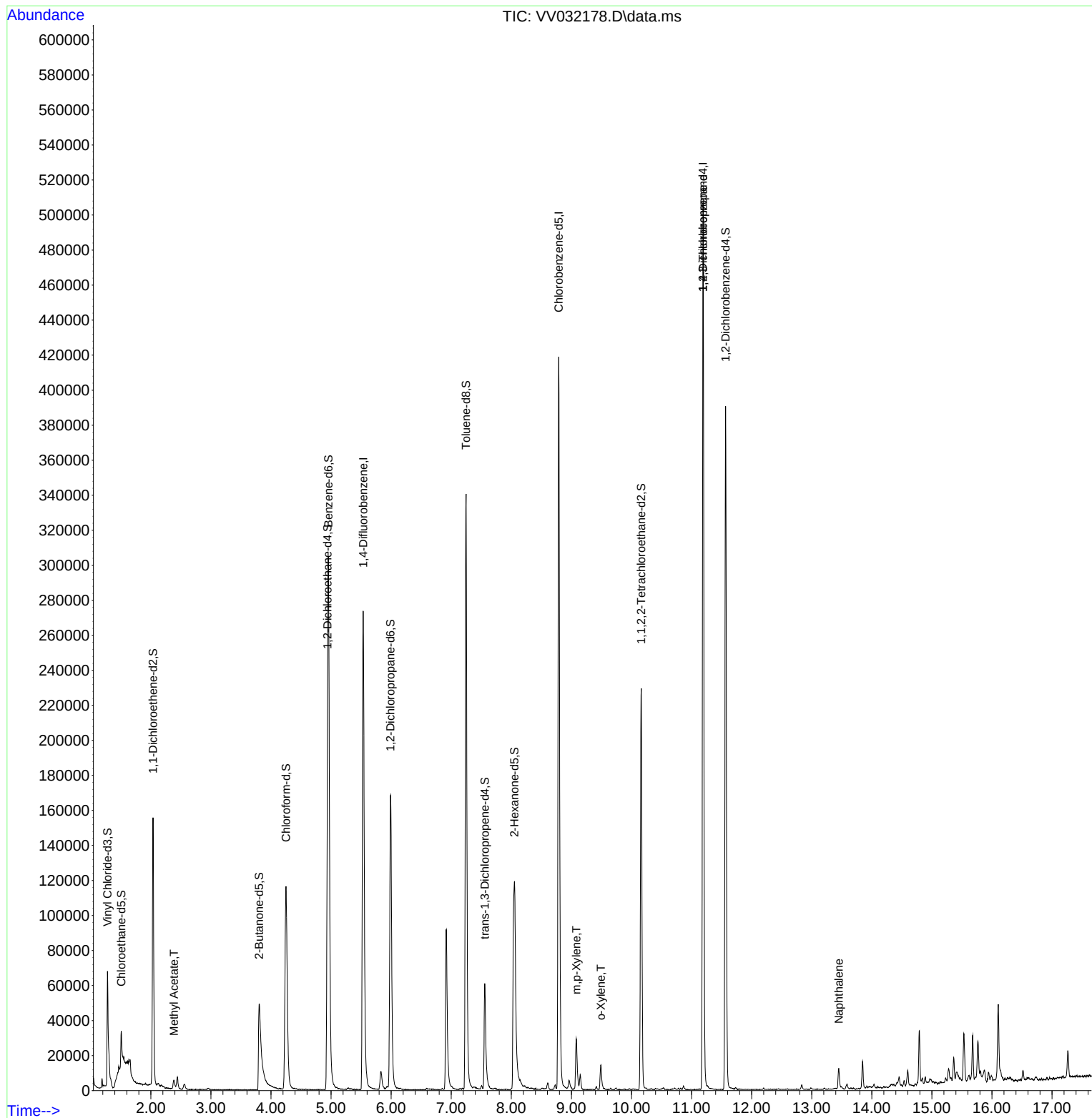
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 256661     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789          | 117  | 248182     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191         | 152  | 132455     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 63421      | 39.929   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 79.860%  |        |          |
| 7) Chloroethane-d5            | 1.507          | 69   | 18635      | 13.602   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 27.200%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.037          | 65   | 26901      | 38.786   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 77.580%  |        |          |
| 21) 2-Butanone-d5             | 3.802          | 46   | 105345     | 73.761   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 73.760%  |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 130611     | 39.295   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 78.600%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 83061      | 41.533   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.060%  |        |          |
| 32) Benzene-d6                | 4.957          | 84   | 261878     | 40.139   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 80.280%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 89817      | 41.254   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 82.500%  |        |          |
| 41) Toluene-d8                | 7.246          | 98   | 234686     | 39.430   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 78.860%# |        |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 40982      | 39.568   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 79.140%  |        |          |
| 47) 2-Hexanone-d5             | 8.050          | 63   | 69140      | 73.539   | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 73.540%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162         | 84   | 124055     | 40.062   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 80.120%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567         | 152  | 100509     | 41.843   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 83.680%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 15) Methyl Acetate            | 2.384          | 43   | 6761       | 2.836    | ug/L   | 98       |
| 53) m,p-Xylene                | 9.082          | 106  | 9486       | 2.697    | ug/L   | 95       |
| 54) o-Xylene                  | 9.490          | 106  | 4281       | 1.235    | ug/L   | 89       |
| 61) 1,2,3-Trichloropropane    | 11.191         | 75   | 16224      | 6.301    | ug/L # | 66       |
| 71) Naphthalene               | 13.452         | 128  | 9818       | 1.016    | ug/L   | 100      |
| -----                         |                |      |            |          |        |          |

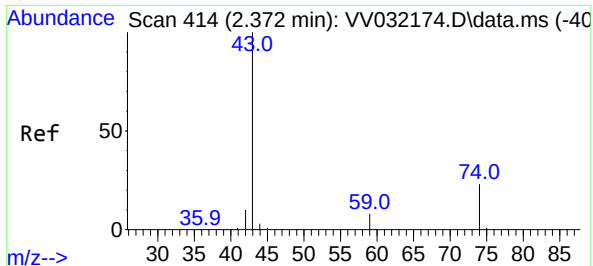
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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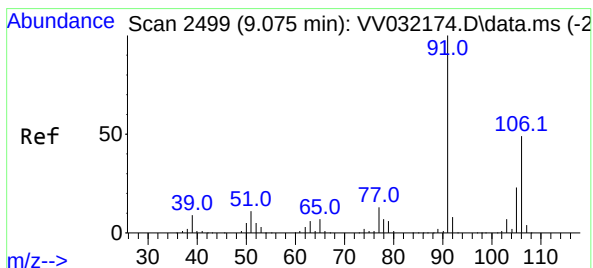
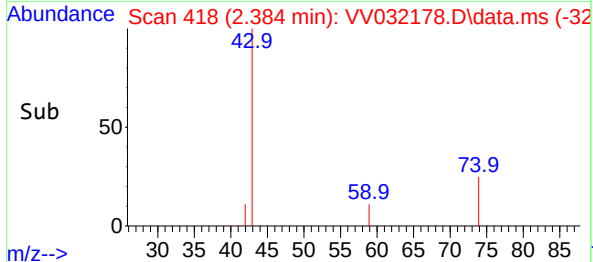
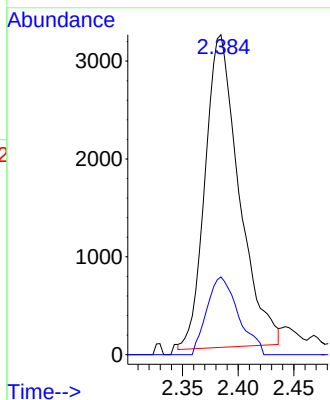
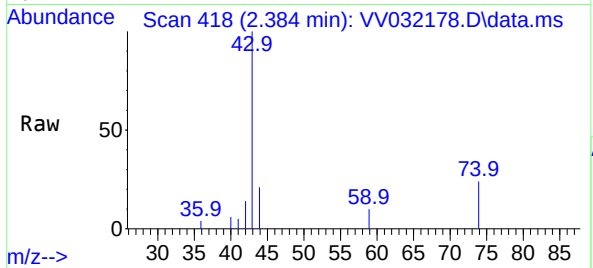




#15  
Methyl Acetate  
Concen: 2.836 ug/L  
RT: 2.384 min Scan# 41  
Delta R.T. 0.013 min  
Lab File: VV032178.D  
Acq: 26 Sep 2023 12:21

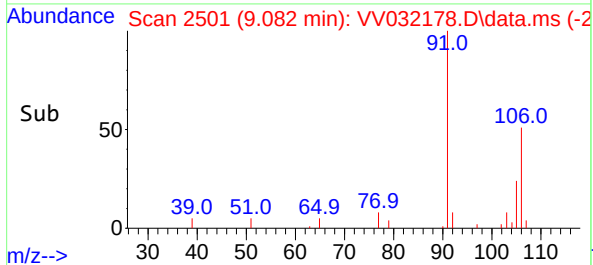
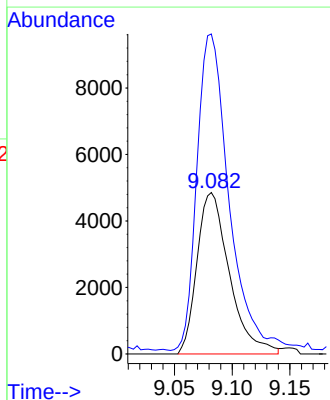
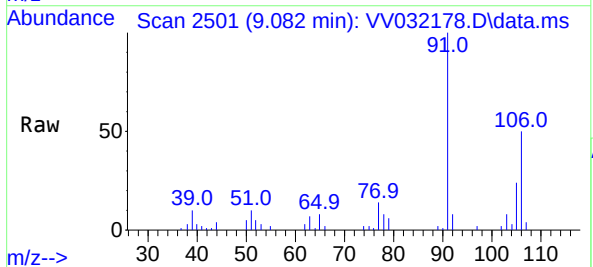
Instrument :  
MSVOA\_V  
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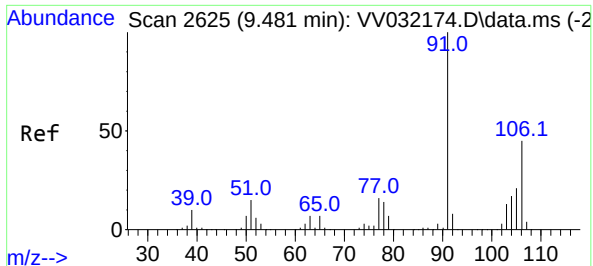
Tgt Ion: 43 Resp: 6761  
Ion Ratio Lower Upper  
43 100  
74 23.1 17.8 26.8



#53  
m,p-Xylene  
Concen: 2.697 ug/L  
RT: 9.082 min Scan# 2501  
Delta R.T. 0.006 min  
Lab File: VV032178.D  
Acq: 26 Sep 2023 12:21

Tgt Ion:106 Resp: 9486  
Ion Ratio Lower Upper  
106 100  
91 198.2 143.8 267.0

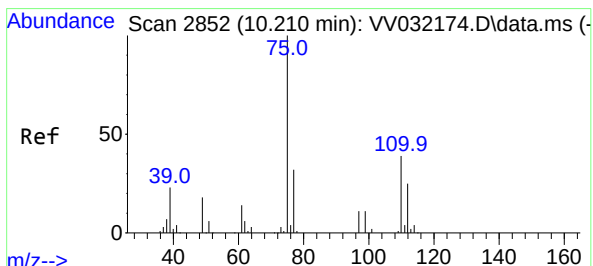
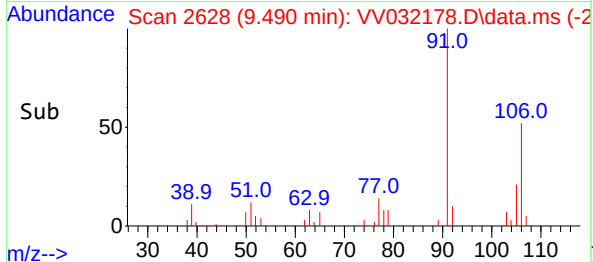
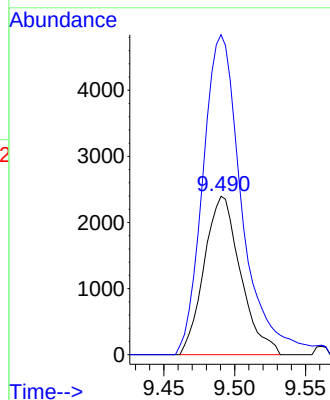
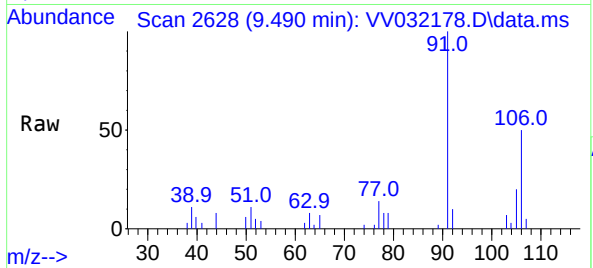




#54  
o-Xylene  
Concen: 1.235 ug/L  
RT: 9.490 min Scan# 20  
Delta R.T. 0.010 min  
Lab File: VV032178.D  
Acq: 26 Sep 2023 12:21

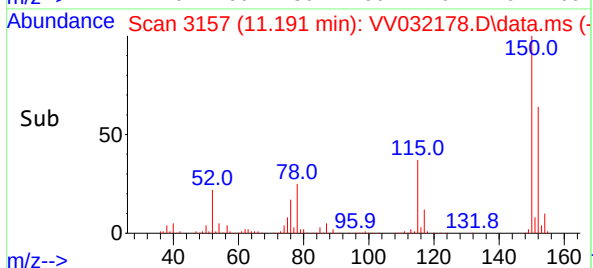
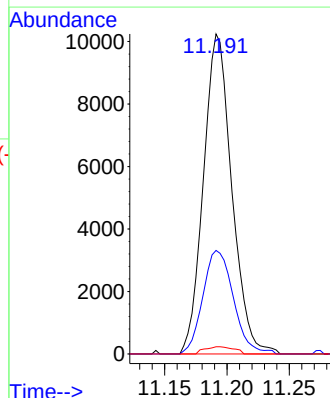
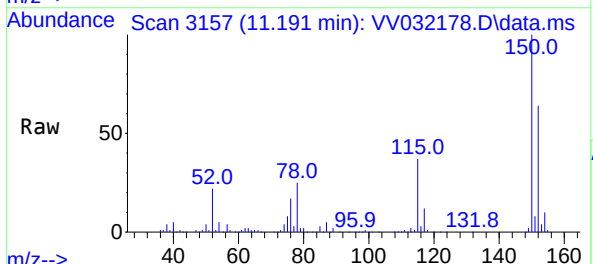
Instrument :  
MSVOA\_V  
ClientSampleId :

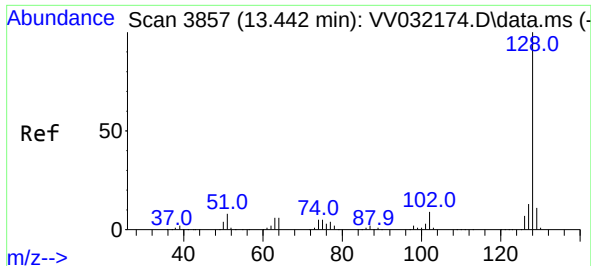
Tgt Ion:106 Resp: 4281  
Ion Ratio Lower Upper  
106 100  
91 202.0 153.4 284.8



#61  
1,2,3-Trichloropropane  
Concen: 6.301 ug/L  
RT: 11.191 min Scan# 3157  
Delta R.T. 0.977 min  
Lab File: VV032178.D  
Acq: 26 Sep 2023 12:21

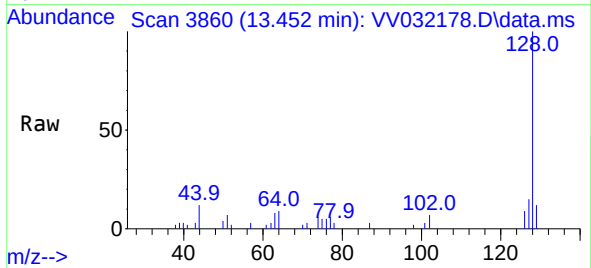
Tgt Ion: 75 Resp: 16224  
Ion Ratio Lower Upper  
75 100  
77 34.6 26.1 39.1  
110 2.3 30.5 45.7#





#71  
Naphthalene  
Concen: 1.016 ug/L  
RT: 13.452 min Scan# 3860  
Delta R.T. 0.010 min  
Lab File: VV032178.D  
Acq: 26 Sep 2023 12:21

Instrument :  
MSVOA\_V  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 9818  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.6  | 10.1  | 15.1  |
| 129      | 10.7  | 8.6   | 12.8  |

