

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082324\  
 Data File : VW030014.D  
 Acq On : 23 Aug 2024 16:42  
 Operator : SY/MD  
 Sample : P3721-03  
 Misc : 5.35g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 24 05:04:58 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072424SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 24 05:00:17 2024  
 Response via : Initial Calibration

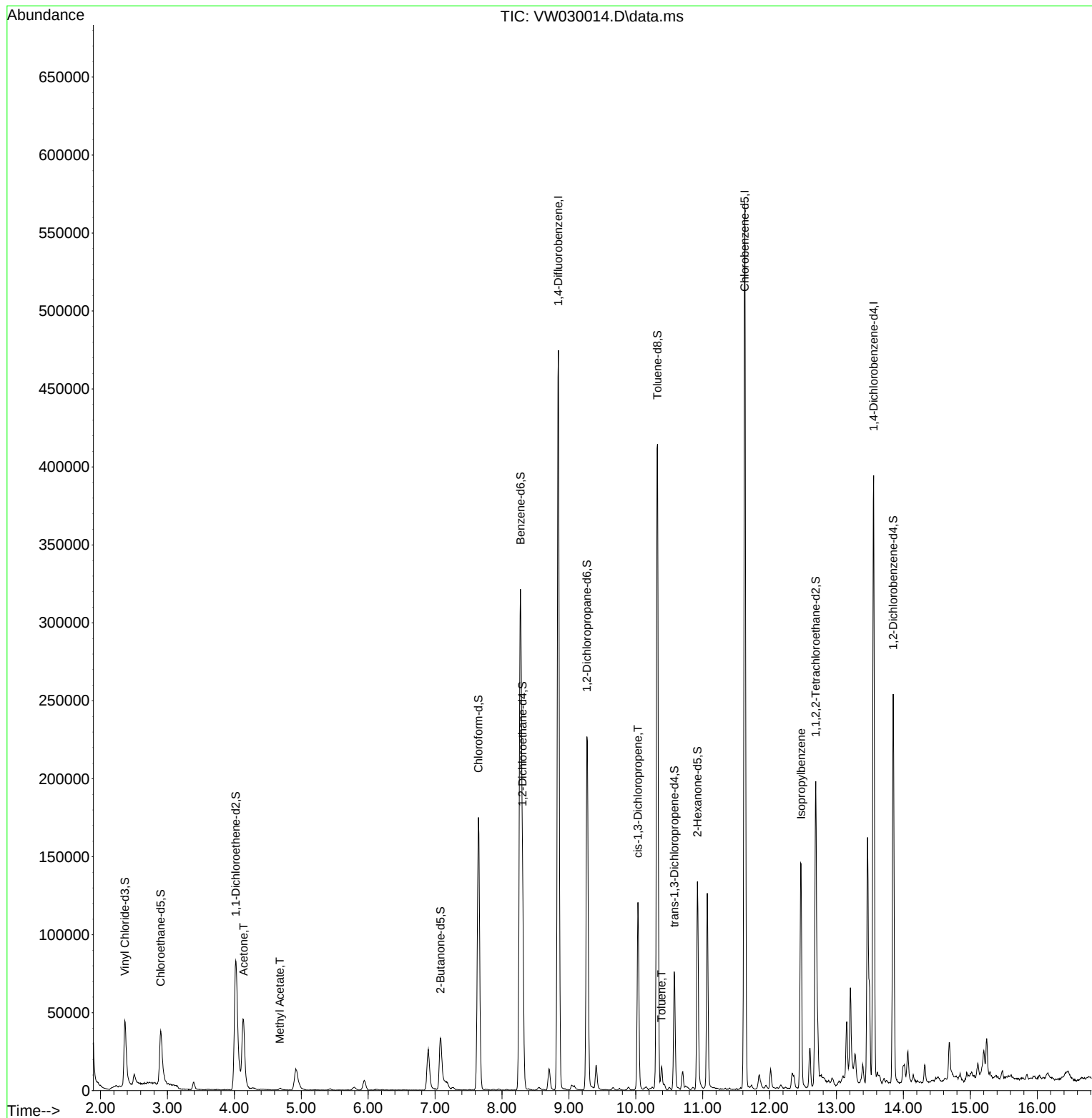
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 401218   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 316270   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 106046   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 68139    | 11.963   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 47.840%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 60243    | 14.814   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 59.240%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 34336    | 13.206   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 52.840%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 57976    | 37.136   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 74.280%  |
| 24) Chloroform-d              | 7.648  | 84    | 182281   | 17.550   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 70.200%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 108081   | 18.270   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 73.080%  |
| 32) Benzene-d6                | 8.276  | 84    | 332472   | 19.456   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 77.840%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 106216   | 19.466   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 77.880%  |
| 41) Toluene-d8                | 10.325 | 98    | 284557   | 18.728   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 74.920%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 43749    | 19.814   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 79.240%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 46182    | 51.329   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 102.660% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 93773    | 23.145   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 92.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 62475    | 18.973   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 75.880%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.137  | 43    | 80749    | 41.620   | ug/L   | 94       |
| 15) Methyl Acetate            | 4.679  | 43    | 1154     | 0.357    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 3509     | 0.406    | ug/L # | 67       |
| 42) Toluene                   | 10.386 | 91    | 10765    | 0.487    | ug/L   | 99       |
| 60) Isopropylbenzene          | 12.471 | 105   | 7509     | 0.458    | ug/L # | 1        |
| -----                         |        |       |          |          |        |          |

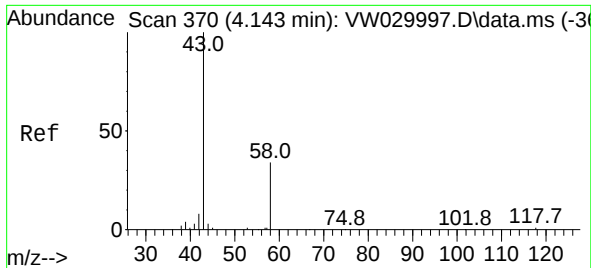
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Sat Aug 24 05:00:17 2024  
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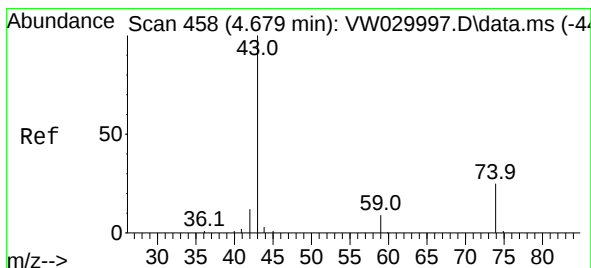
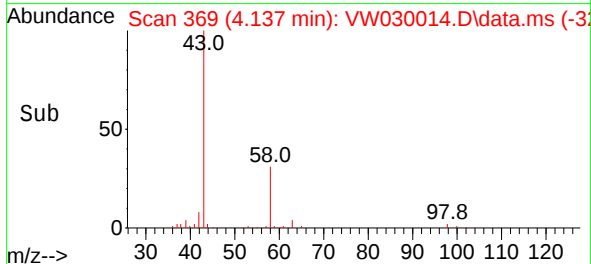
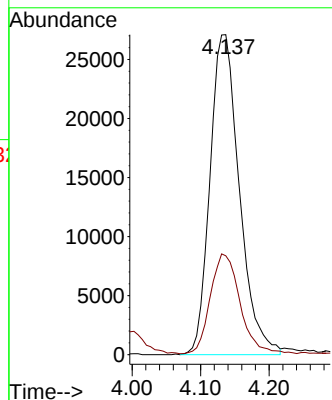
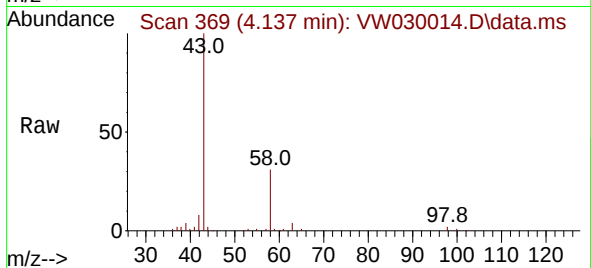




#13  
Acetone  
Concen: 41.620 ug/L  
RT: 4.137 min Scan# 370  
Delta R.T. -0.006 min  
Lab File: VW030014.D  
Acq: 23 Aug 2024 16:42

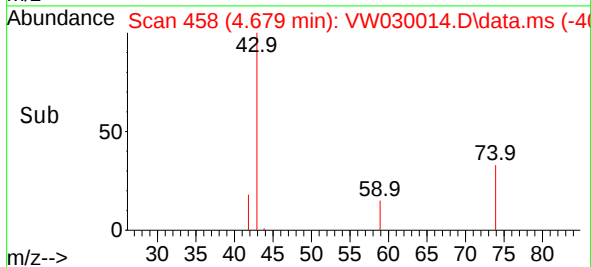
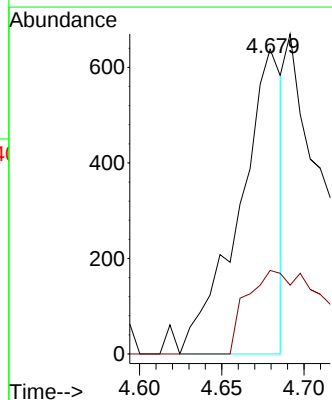
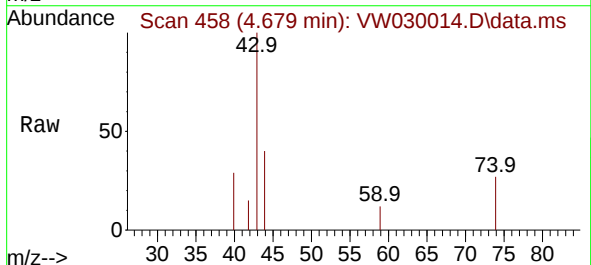
Instrument :  
MSVOA\_W  
ClientSampleId :

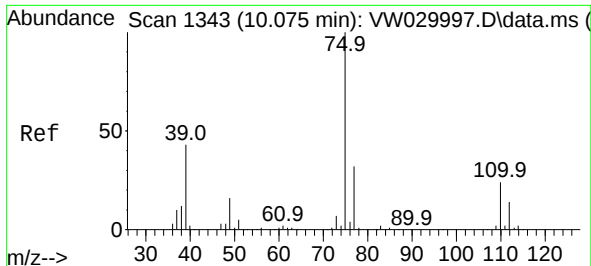
Tgt Ion: 43 Resp: 80749  
Ion Ratio Lower Upper  
43 100  
58 31.9 0.0 57.6



#15  
Methyl Acetate  
Concen: 0.357 ug/L  
RT: 4.679 min Scan# 458  
Delta R.T. 0.000 min  
Lab File: VW030014.D  
Acq: 23 Aug 2024 16:42

Tgt Ion: 43 Resp: 1154  
Ion Ratio Lower Upper  
43 100  
74 27.7 16.5 24.7#





#39

cis-1,3-Dichloropropene

Concen: 0.406 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.043 min

Lab File: VW030014.D

Acq: 23 Aug 2024 16:42

Instrument :

MSVOA\_W

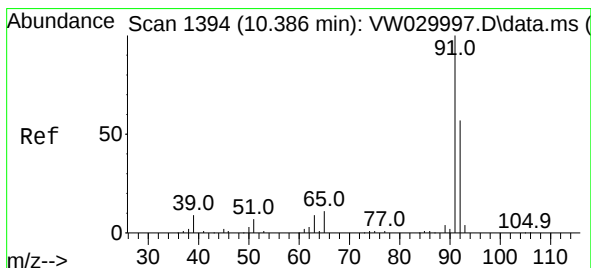
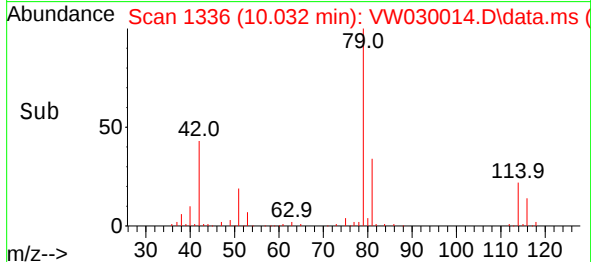
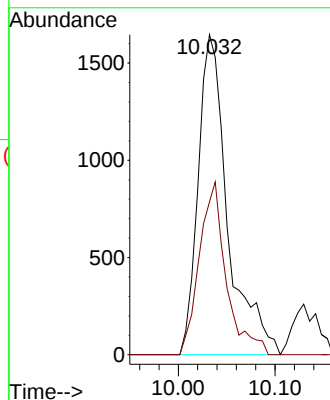
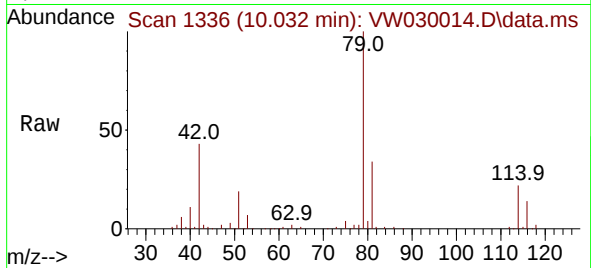
ClientSampleId :

Tgt Ion: 75 Resp: 3509

Ion Ratio Lower Upper

75 100

77 47.8 20.8 38.6#



#42

Toluene

Concen: 0.487 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030014.D

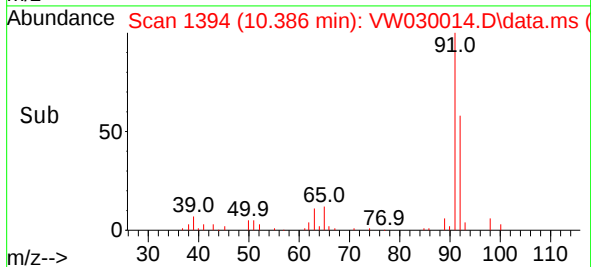
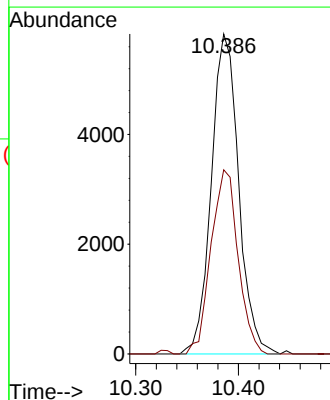
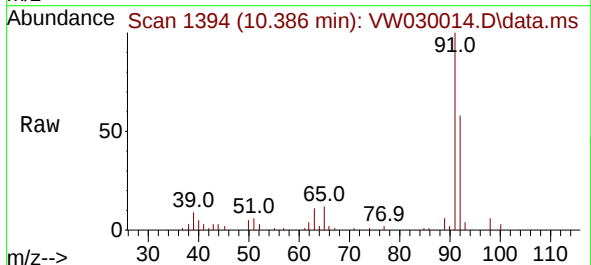
Acq: 23 Aug 2024 16:42

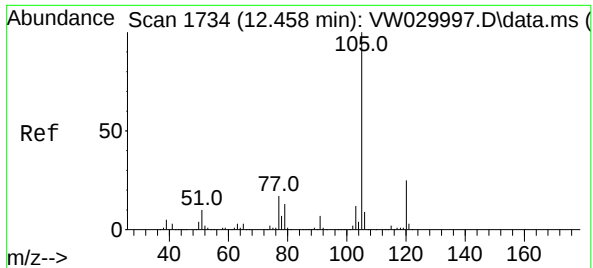
Tgt Ion: 91 Resp: 10765

Ion Ratio Lower Upper

91 100

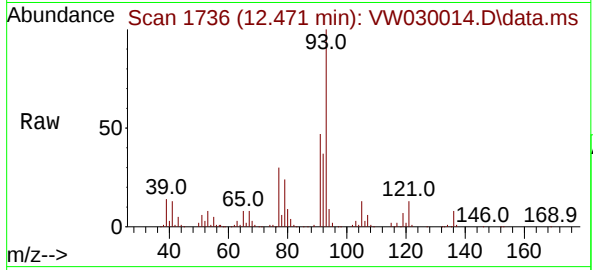
92 57.6 39.5 73.4





#60  
Isopropylbenzene  
Concen: 0.458 ug/L  
RT: 12.471 min Scan# 1  
Delta R.T. 0.012 min  
Lab File: VW030014.D  
Acq: 23 Aug 2024 16:42

Instrument :  
MSVOA\_W  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 7509  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 11.1  | 20.3  | 30.5# |
| 77       | 238.4 | 14.0  | 21.0# |

