

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062921\  
 Data File : VW019360.D  
 Acq On : 29 Jun 2021 14:33  
 Operator : SY/VA  
 Sample : M2878-01  
 Misc : 4.84G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGDZ0

Quant Time: Jun 30 01:22:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM062821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 30 01:19:19 2021  
 Response via : Initial Calibration

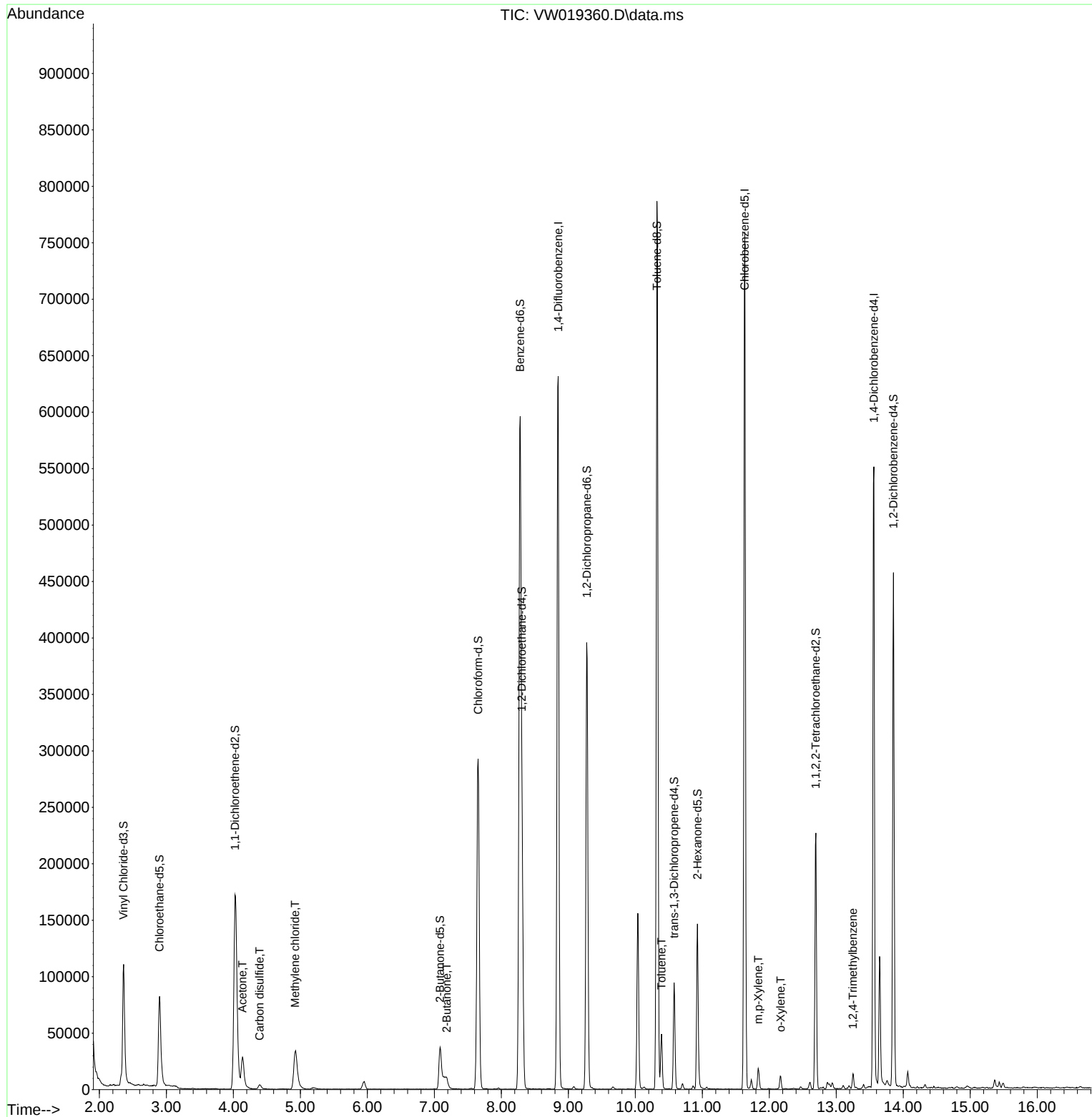
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 531304   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 420748   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 145659   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 139951   | 20.063   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 80.240%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 116964   | 21.570   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 86.280%  |
| 11) 1,1-Dichloroethene-d2     | 4.026  | 63    | 209864   | 14.723   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 58.880%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 64907    | 37.465   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 74.940%  |
| 24) Chloroform-d              | 7.653  | 84    | 310888   | 21.183   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 84.720%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 155411   | 20.620   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 82.480%  |
| 32) Benzene-d6                | 8.281  | 84    | 631876   | 24.504   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 98.000%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 195719   | 24.902   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 99.600%  |
| 41) Toluene-d8                | 10.323 | 98    | 522201   | 22.359   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 89.440%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 53440    | 17.268   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 69.080%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 50634    | 41.221   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 82.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 116599   | 20.110   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 80.440%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 115644   | 21.704   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 86.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.135  | 43    | 51960    | 48.082   | ug/L   | 87       |
| 14) Carbon disulfide          | 4.391  | 76    | 8831     | 0.393    | ug/L # | 93       |
| 16) Methylene chloride        | 4.922  | 84    | 32630    | 3.513    | ug/L   | 91       |
| 22) 2-Butanone                | 7.183  | 43    | 16738    | 9.082    | ug/L   | 92       |
| 42) Toluene                   | 10.390 | 91    | 35074    | 1.232    | ug/L   | 94       |
| 53) m,p-Xylene                | 11.835 | 106   | 5573     | 0.473    | ug/L   | 94       |
| 54) o-Xylene                  | 12.170 | 106   | 3173     | 0.282    | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105   | 7450     | 0.433    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

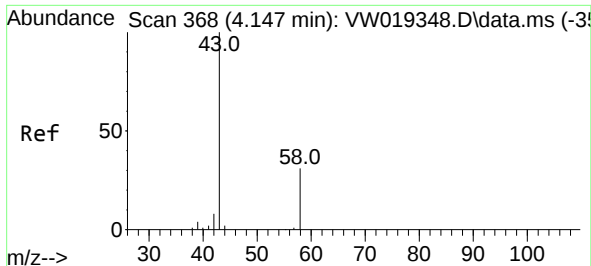
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Wed Jun 30 01:19:19 2021  
Response via : Initial Calibration

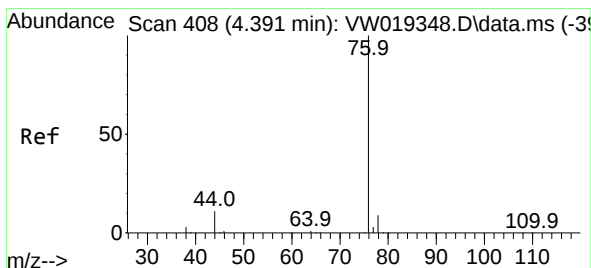
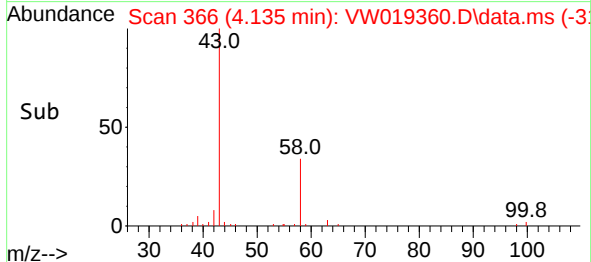
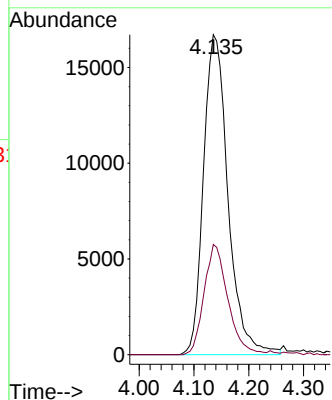
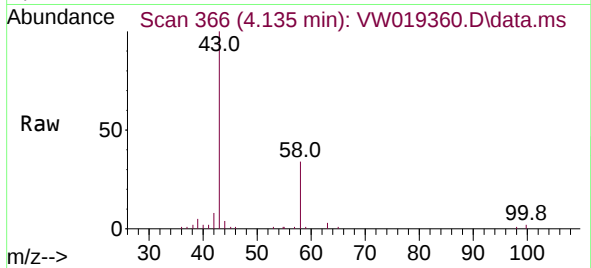




#13  
Acetone  
Concen: 48.082 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. -0.012 min  
Lab File: VW019360.D  
Acq: 29 Jun 2021 14:33

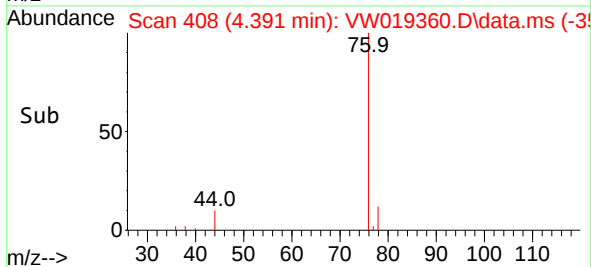
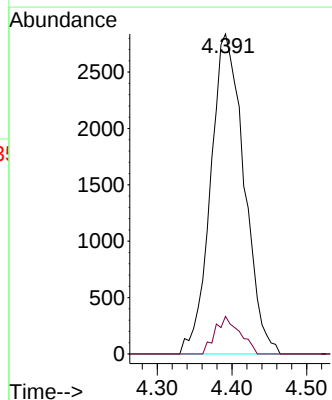
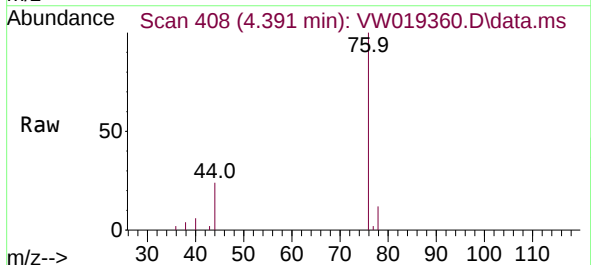
Instrument :  
MSVOA\_W  
ClientSampled :  
BGDZ0

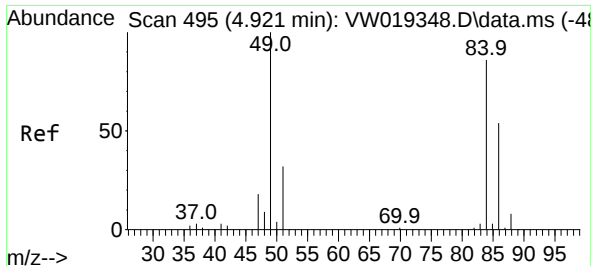
Tgt Ion: 43 Resp: 51960  
Ion Ratio Lower Upper  
43 100  
58 33.4 0.0 53.8



#14  
Carbon disulfide  
Concen: 0.393 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW019360.D  
Acq: 29 Jun 2021 14:33

Tgt Ion: 76 Resp: 8831  
Ion Ratio Lower Upper  
76 100  
78 11.8 7.4 11.0#

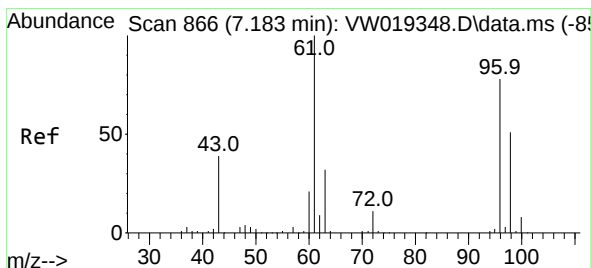
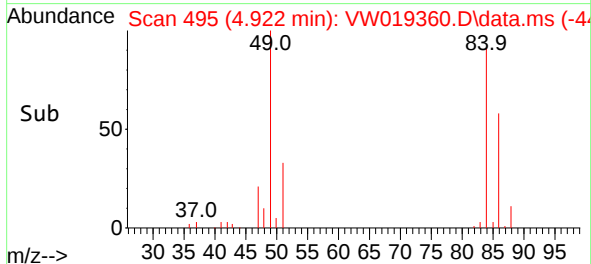
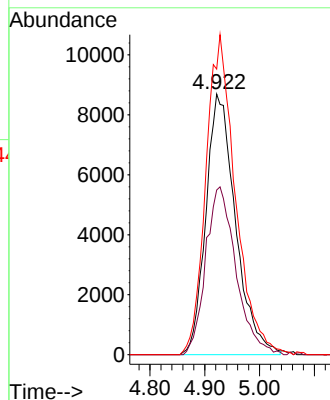
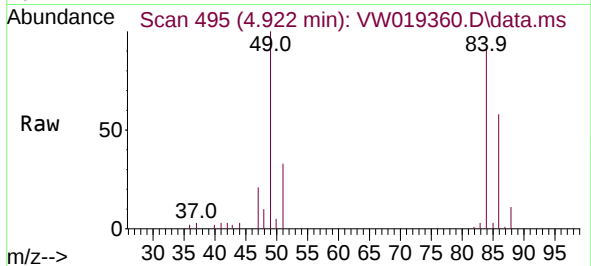




#16  
Methylene chloride  
Concen: 3.513 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VW019360.D  
Acq: 29 Jun 2021 14:33

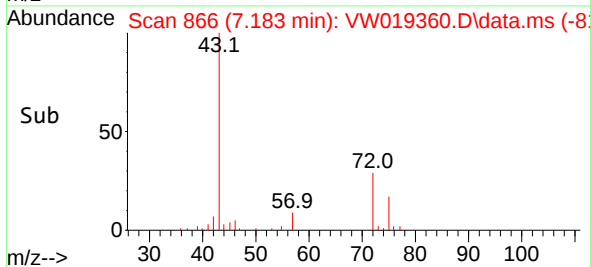
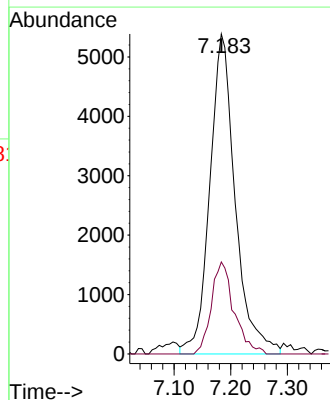
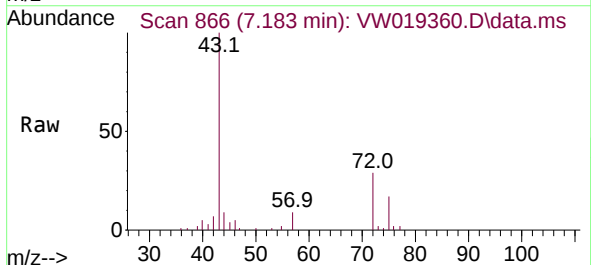
Instrument :  
MSVOA\_W  
ClientSampleId :  
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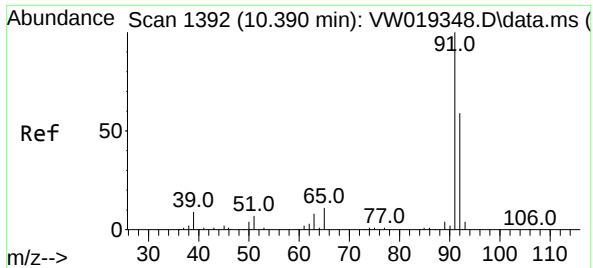
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 32630 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 63.2  | 45.3  | 84.1  |
| 49       | 109.6 | 86.6  | 160.8 |



#22  
2-Butanone  
Concen: 9.082 ug/L  
RT: 7.183 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: VW019360.D  
Acq: 29 Jun 2021 14:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 16738 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 25.3  | 14.9  | 44.7  |

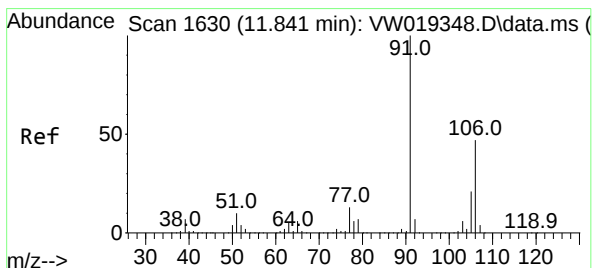
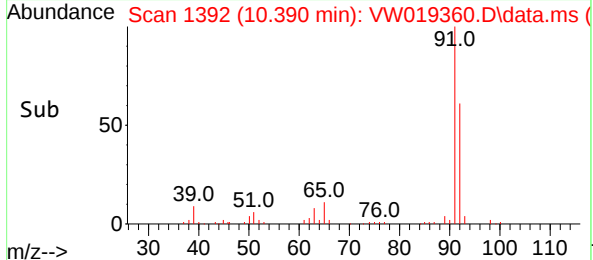
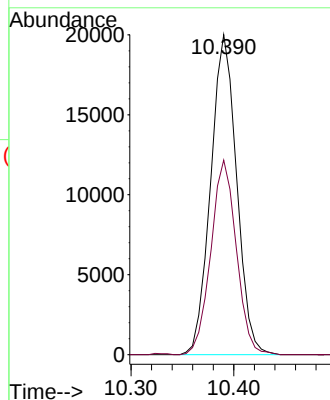
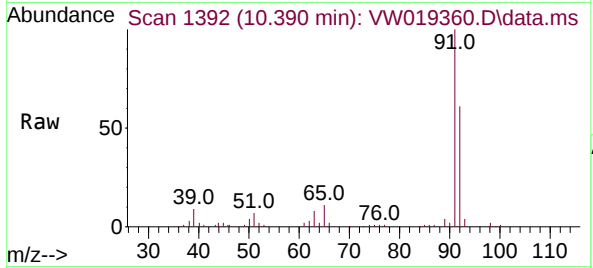




#42  
Toluene  
Concen: 1.232 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019360.D  
Acq: 29 Jun 2021 14:33

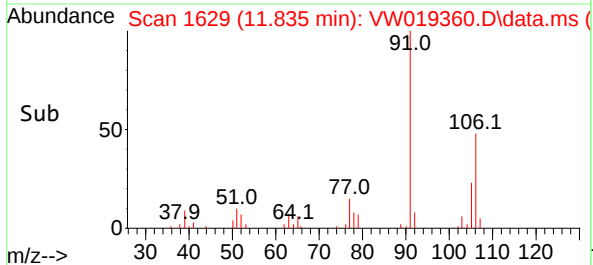
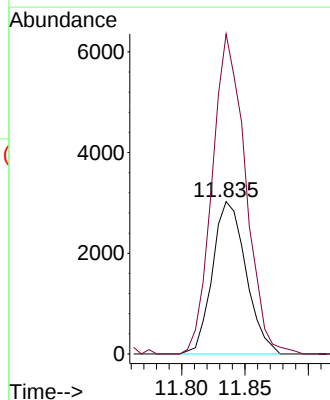
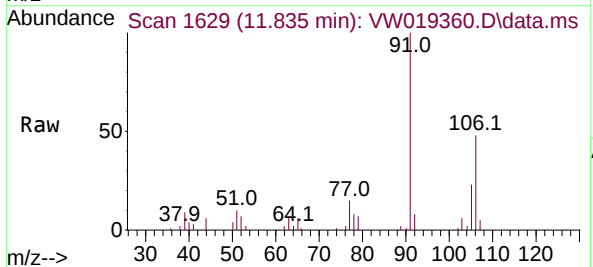
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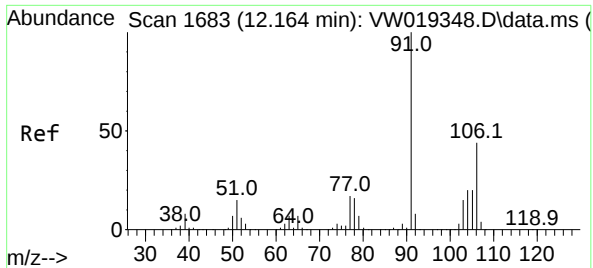
Tgt Ion: 91 Resp: 35074  
Ion Ratio Lower Upper  
91 100  
92 60.8 39.5 73.3



#53  
m,p-Xylene  
Concen: 0.473 ug/L  
RT: 11.835 min Scan# 1629  
Delta R.T. -0.006 min  
Lab File: VW019360.D  
Acq: 29 Jun 2021 14:33

Tgt Ion: 106 Resp: 5573  
Ion Ratio Lower Upper  
106 100  
91 210.2 141.3 262.3

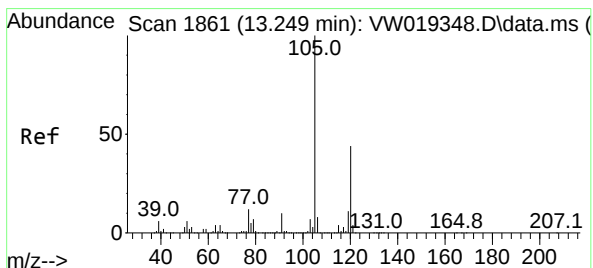
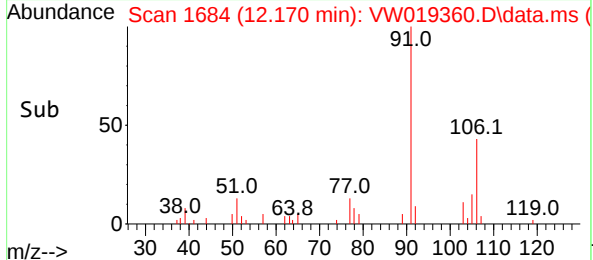
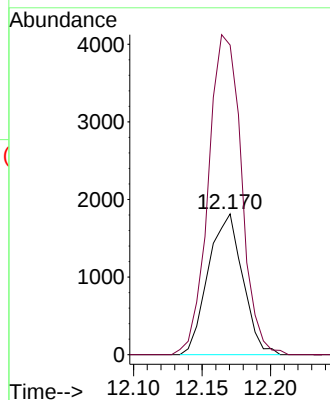
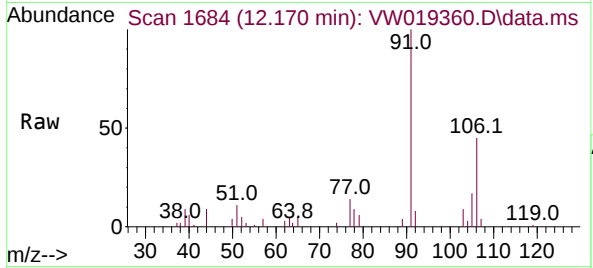




#54  
o-Xylene  
Concen: 0.282 ug/L  
RT: 12.170 min Scan# 1684  
Delta R.T. 0.007 min  
Lab File: VW019360.D  
Acq: 29 Jun 2021 14:33

Instrument :  
MSVOA\_W  
ClientSampled :  
BGDZ0

Tgt Ion:106 Resp: 3173  
Ion Ratio Lower Upper  
106 100  
91 220.0 150.0 278.6



#63  
1,2,4-Trimethylbenzene  
Concen: 0.433 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW019360.D  
Acq: 29 Jun 2021 14:33

Tgt Ion:105 Resp: 7450  
Ion Ratio Lower Upper  
105 100  
120 45.3 35.6 53.4

