

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011323\  
 Data File : VV029806.D  
 Acq On : 13 Jan 2023 14:18  
 Operator : SY/MD  
 Sample : 01136-17  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH1W0

Quant Time: Jan 13 22:51:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011223WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 12 22:05:54 2023  
 Response via : Initial Calibration

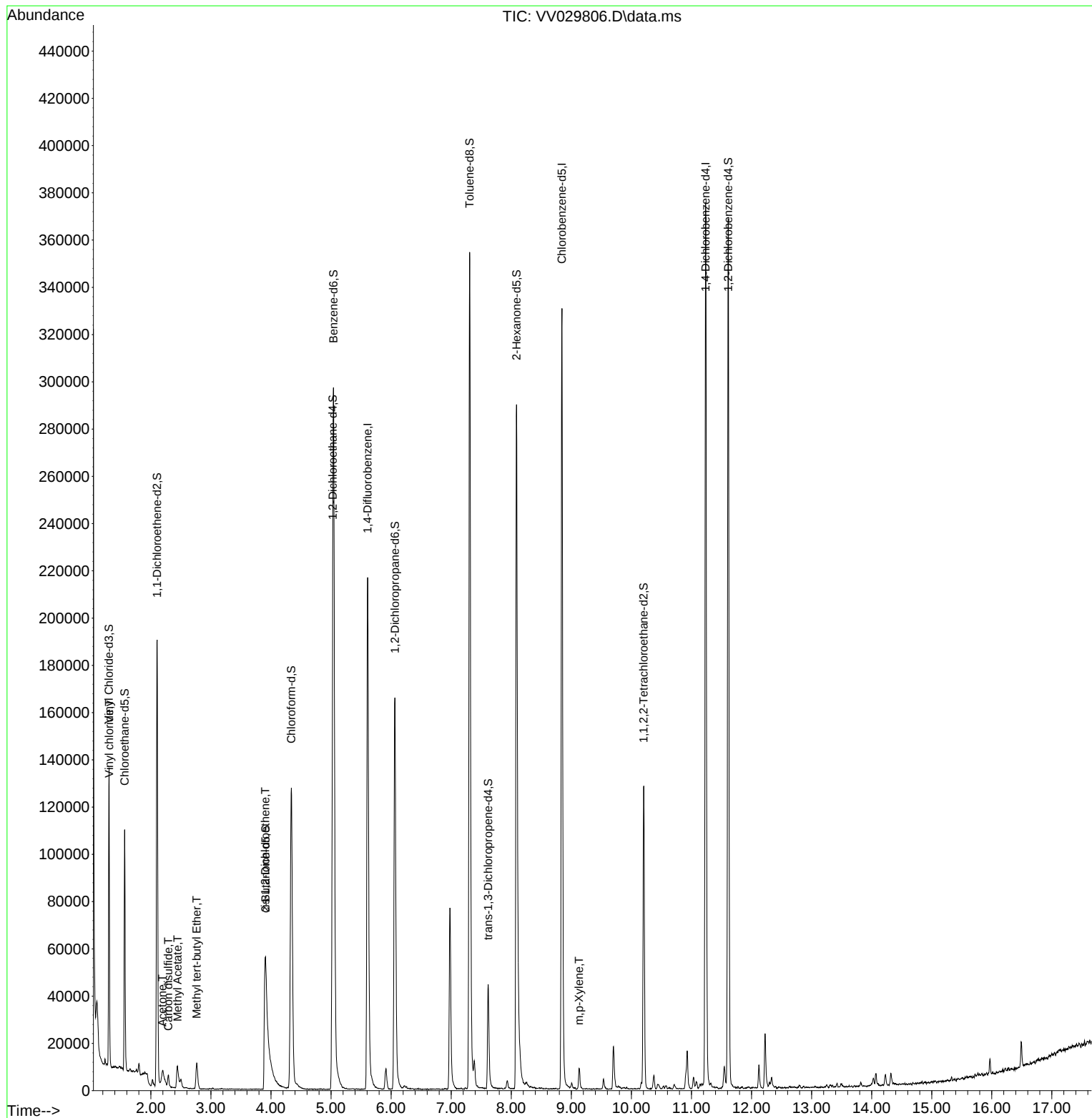
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609  | 114   | 204556   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.844  | 117   | 198613   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.236 | 152   | 108409   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 74110    | 4.777    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 95.600%  |
| 7) Chloroethane-d5            | 1.565  | 69    | 64383    | 5.006    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 100.200% |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 98200    | 3.472    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 69.400%  |
| 20) 2-Butanone-d5             | 3.908  | 46    | 118258   | 43.003   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 86.000%  |
| 24) Chloroform-d              | 4.339  | 84    | 141294   | 4.964    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 61318    | 5.087    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.800% |
| 32) Benzene-d6                | 5.040  | 84    | 296957   | 5.040    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 100.800% |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67    | 90725    | 5.262    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 105.200% |
| 41) Toluene-d8                | 7.307  | 98    | 258177   | 4.733    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.600%  |
| 43) trans-1,3-Dichloroprop... | 7.616  | 79    | 28973    | 4.601    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 92.000%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 119647   | 46.670   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.204 | 84    | 65890    | 5.215    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 104.200% |
| 66) 1,2-Dichlorobenzene-d4    | 11.612 | 152   | 100630   | 5.106    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.200% |
| Target Compounds              |        |       |          |          |        |          |
| 5) Vinyl chloride             | 1.307  | 62    | 5344     | 0.272    | ug/L # | 79       |
| 13) Acetone                   | 2.192  | 43    | 10206    | 5.200    | ug/L   | 80       |
| 14) Carbon disulfide          | 2.291  | 76    | 6636     | 0.132    | ug/L # | 94       |
| 15) Methyl Acetate            | 2.442  | 43    | 15935    | 3.117    | ug/L   | 98       |
| 17) Methyl tert-butyl Ether   | 2.764  | 73    | 10466    | 0.347    | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 3.905  | 96    | 6782     | 0.392    | ug/L   | 99       |
| 53) m,p-Xylene                | 9.127  | 106   | 2793     | 0.095    | ug/L   | 96       |

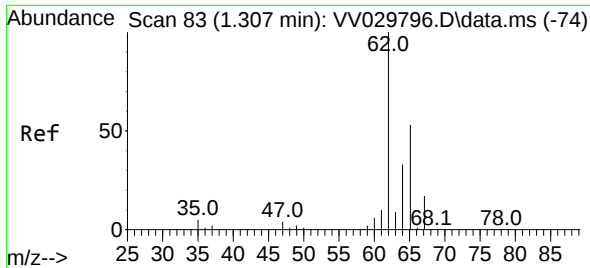
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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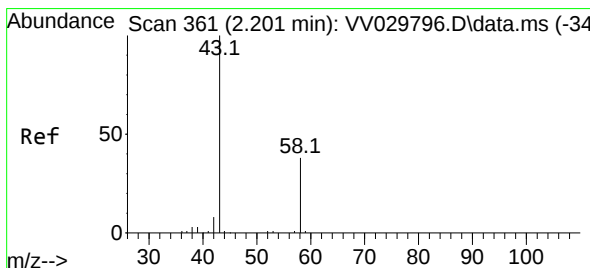
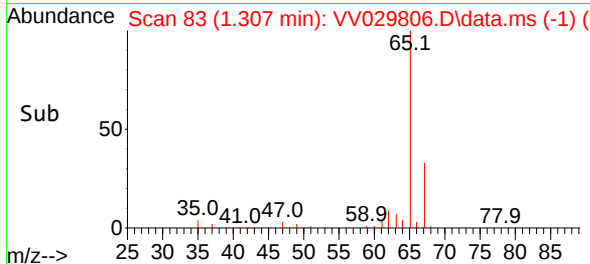
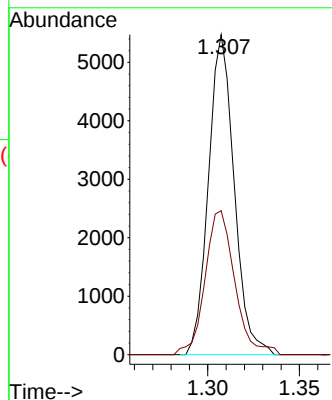
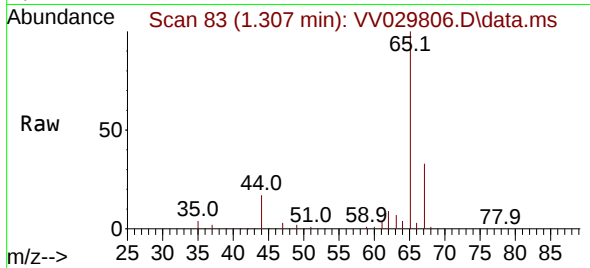




#5  
 Vinyl chloride  
 Concen: 0.272 ug/L  
 RT: 1.307 min Scan# 81  
 Delta R.T. 0.003 min  
 Lab File: VV029806.D  
 Acq: 13 Jan 2023 14:18

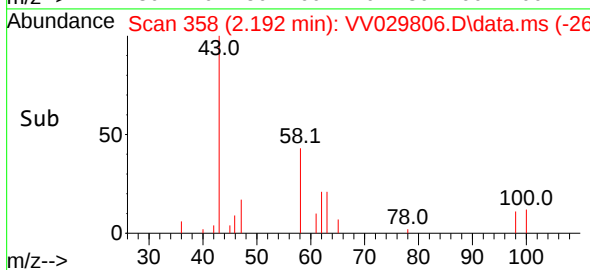
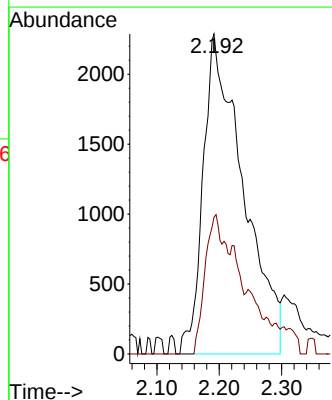
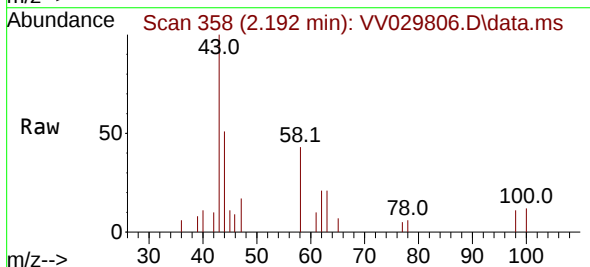
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH1W0

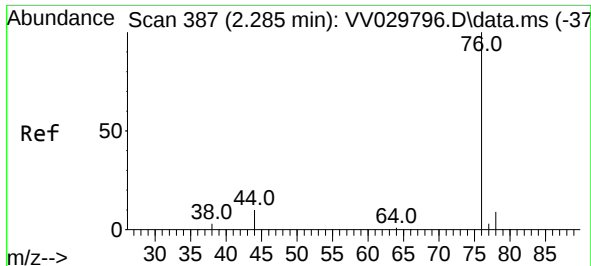
Tgt Ion: 62 Resp: 5344  
 Ion Ratio Lower Upper  
 62 100  
 64 45.0 23.2 43.2#



#13  
 Acetone  
 Concen: 5.200 ug/L  
 RT: 2.192 min Scan# 358  
 Delta R.T. -0.006 min  
 Lab File: VV029806.D  
 Acq: 13 Jan 2023 14:18

Tgt Ion: 43 Resp: 10206  
 Ion Ratio Lower Upper  
 43 100  
 58 23.1 0.0 68.8

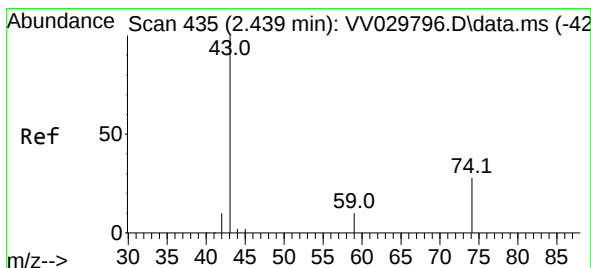
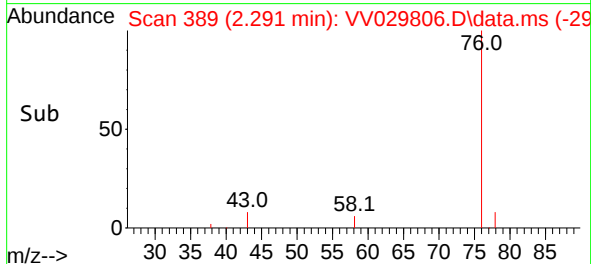
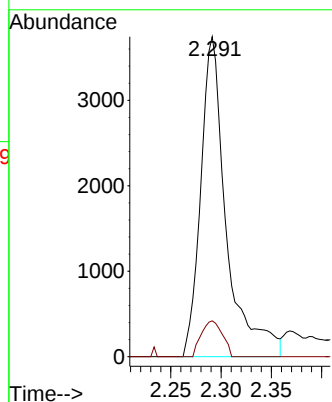
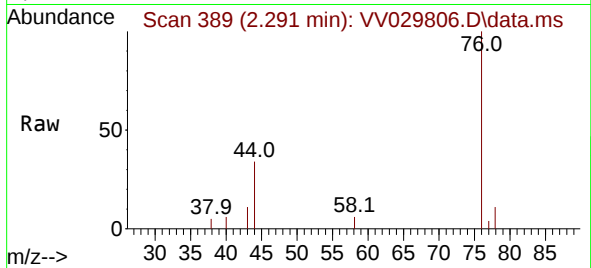




#14  
Carbon disulfide  
Concen: 0.132 ug/L  
RT: 2.291 min Scan# 389  
Delta R.T. 0.006 min  
Lab File: VV029806.D  
Acq: 13 Jan 2023 14:18

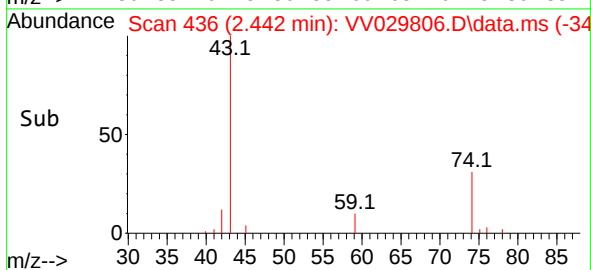
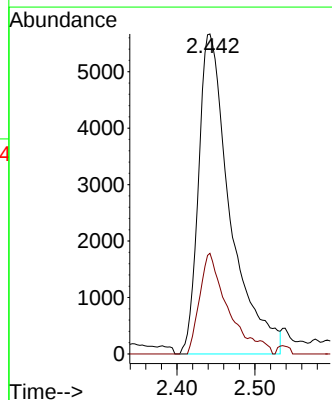
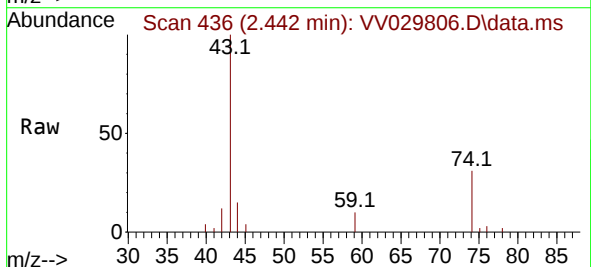
Instrument :  
MSVOA\_V  
ClientSampleId :  
BH1W0

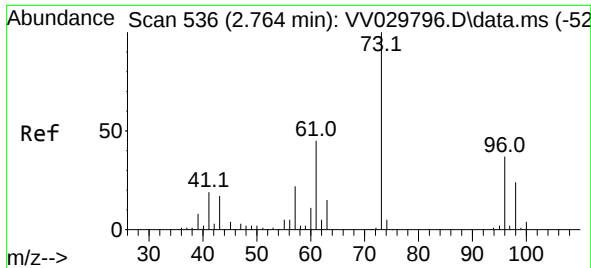
Tgt Ion: 76 Resp: 6636  
Ion Ratio Lower Upper  
76 100  
78 11.2 7.4 11.0#



#15  
Methyl Acetate  
Concen: 3.117 ug/L  
RT: 2.442 min Scan# 436  
Delta R.T. 0.006 min  
Lab File: VV029806.D  
Acq: 13 Jan 2023 14:18

Tgt Ion: 43 Resp: 15935  
Ion Ratio Lower Upper  
43 100  
74 28.3 23.4 35.0

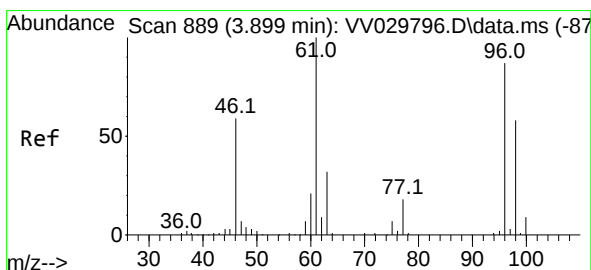
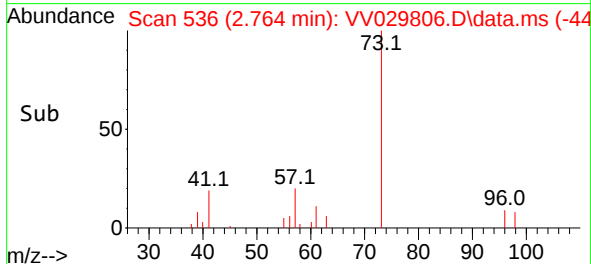
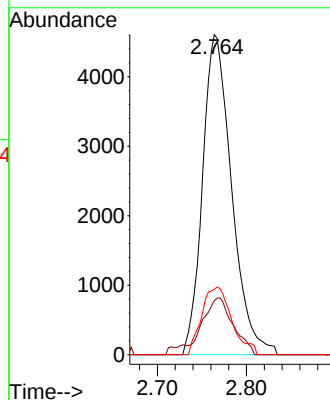
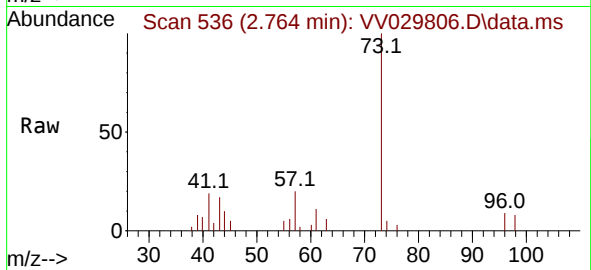




#17  
Methyl tert-butyl Ether  
Concen: 0.347 ug/L  
RT: 2.764 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VV029806.D  
Acq: 13 Jan 2023 14:18

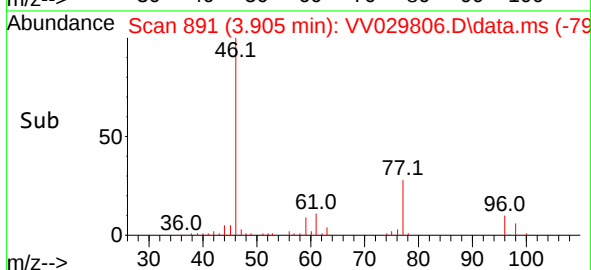
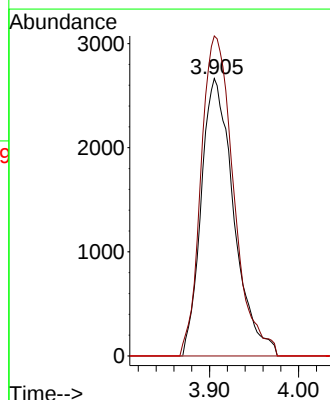
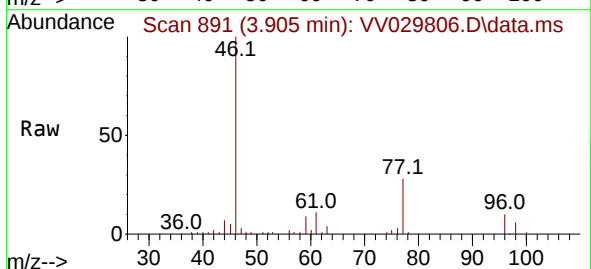
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MSVOA\_V  
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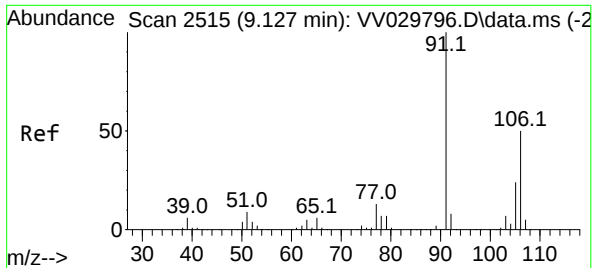
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 73 | Resp: | 10466       |
| Ion         | Ratio | Lower Upper |
| 73          | 100   |             |
| 43          | 18.3  | 13.0 19.4   |
| 57          | 21.8  | 17.1 25.7   |



#22  
cis-1,2-Dichloroethene  
Concen: 0.392 ug/L  
RT: 3.905 min Scan# 891  
Delta R.T. 0.006 min  
Lab File: VV029806.D  
Acq: 13 Jan 2023 14:18

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 96 | Resp: | 6782        |
| Ion         | Ratio | Lower Upper |
| 96          | 100   |             |
| 61          | 115.3 | 80.0 148.6  |
| 68          | 0.0   | 0.0 0.0     |





#53  
 m,p-Xylene  
 Concen: 0.095 ug/L  
 RT: 9.127 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: VV029806.D  
 Acq: 13 Jan 2023 14:18

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH1W0

Tgt Ion:106 Resp: 2793  
 Ion Ratio Lower Upper  
 106 100  
 91 203.6 138.7 257.7

