

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092024\  
 Data File : VW030180.D  
 Acq On : 20 Sep 2024 17:14  
 Operator : SY/MD  
 Sample : 4109-16  
 Misc : 5.26g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 20 23:55:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 20 23:43:18 2024  
 Response via : Initial Calibration

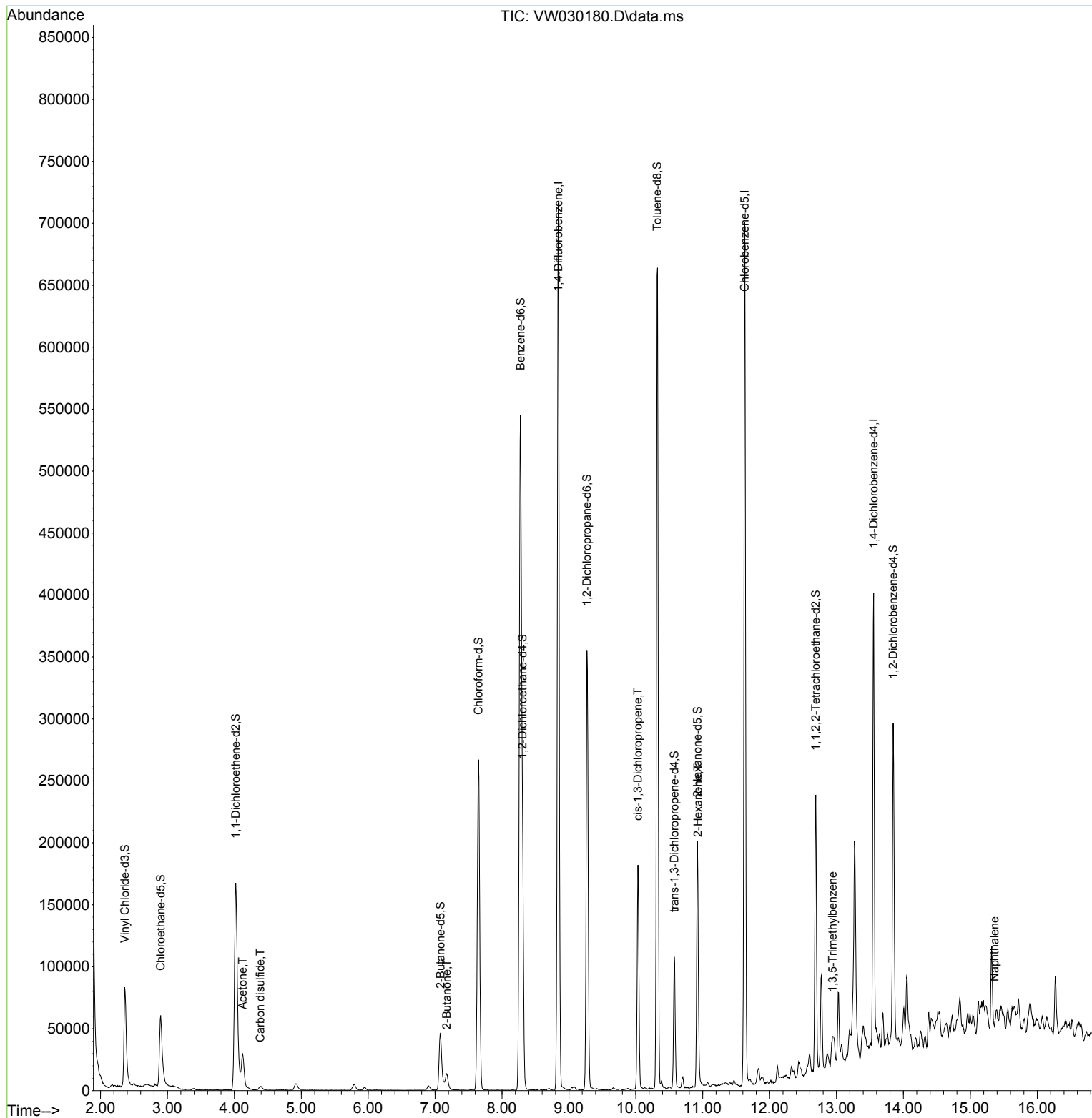
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 630945   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 405492   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.555 | 152   | 102039   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.362  | 65    | 123974   | 15.215   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 60.880%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 97830    | 17.007   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 68.040%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 60054    | 14.751   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 59.000%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 77510    | 39.286   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 78.580%  |
| 24) Chloroform-d              | 7.648  | 84    | 286372   | 16.507   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 66.040%  |
| 26) 1,2-Dichloroethane-d4     | 8.306  | 65    | 151888   | 17.435   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 69.720%# |
| 32) Benzene-d6                | 8.276  | 84    | 591708   | 25.330   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 101.320% |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 175306   | 24.306   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 97.240%  |
| 41) Toluene-d8                | 10.318 | 98    | 461606   | 22.051   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 88.200%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 62615    | 21.669   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 86.680%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 72163    | 65.386   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 130.780% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 112383   | 20.929   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 83.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 67068    | 19.362   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 77.440%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.124  | 43    | 44411    | 19.620   | ug/L   | 96       |
| 14) Carbon disulfide          | 4.386  | 76    | 6968     | 0.326    | ug/L # | 94       |
| 22) 2-Butanone                | 7.172  | 43    | 19433    | 7.253    | ug/L   | 95       |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 4434     | 0.451    | ug/L # | 67       |
| 48) 2-Hexanone                | 10.928 | 43    | 13791    | 5.223    | ug/L # | 59       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105   | 4061     | 0.369    | ug/L   | 97       |
| 71) Naphthalene               | 15.360 | 128   | 4721     | 0.691    | ug/L # | 83       |
| -----                         |        |       |          |          |        |          |

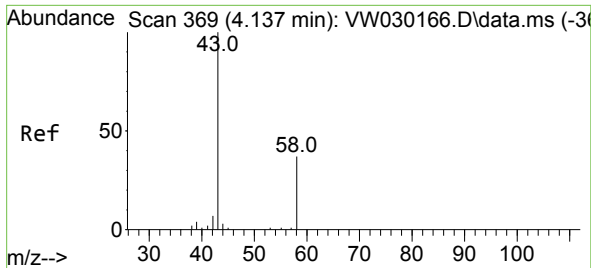
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
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#13

Acetone

Concen: 19.620 ug/L

RT: 4.124 min Scan# 30

Delta R.T. -0.012 min

Lab File: VW030180.D

Acq: 20 Sep 2024 17:14

Instrument :

MSVOA\_W

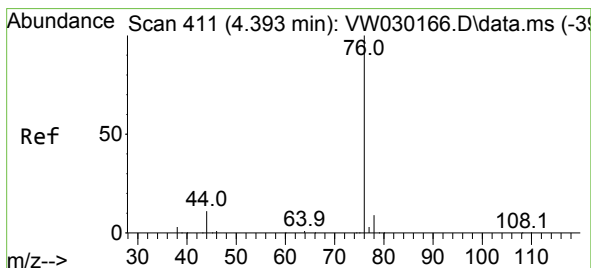
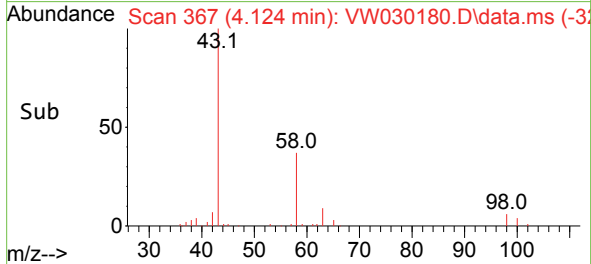
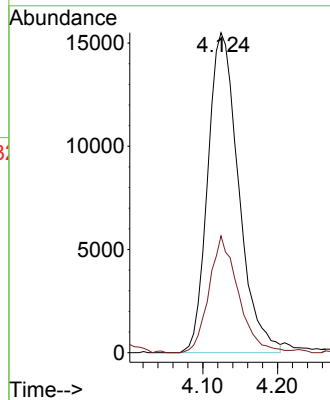
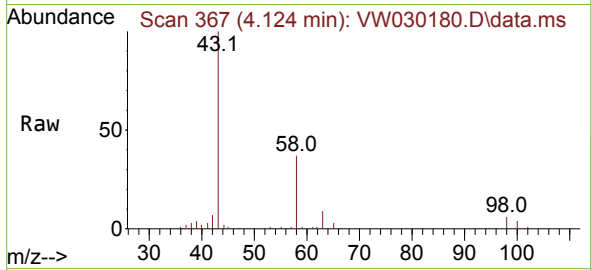
ClientSampleId :

Tgt Ion: 43 Resp: 44411

Ion Ratio Lower Upper

43 100

58 34.7 0.0 65.0



#14

Carbon disulfide

Concen: 0.326 ug/L

RT: 4.386 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW030180.D

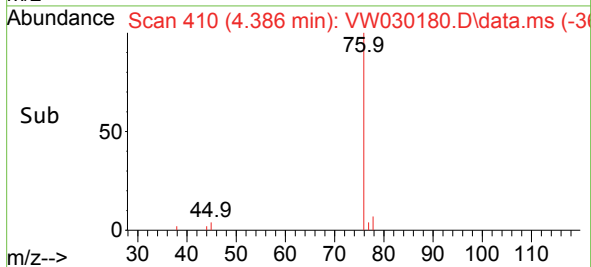
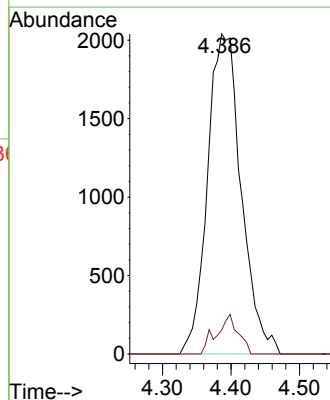
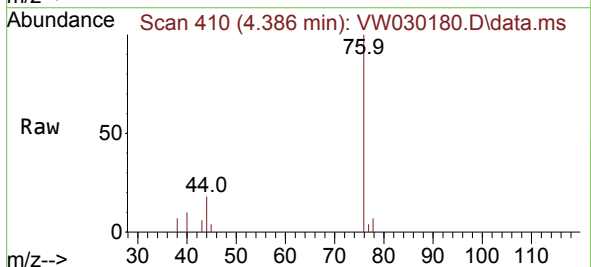
Acq: 20 Sep 2024 17:14

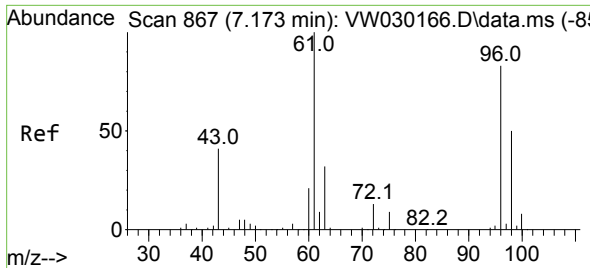
Tgt Ion: 76 Resp: 6968

Ion Ratio Lower Upper

76 100

78 7.4 7.6 11.4#

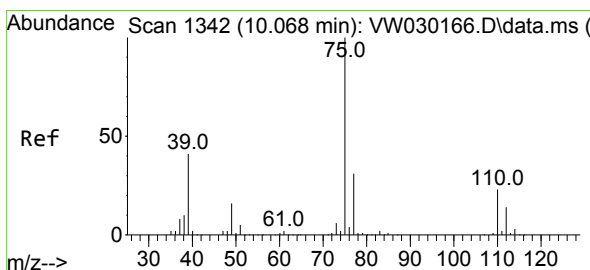
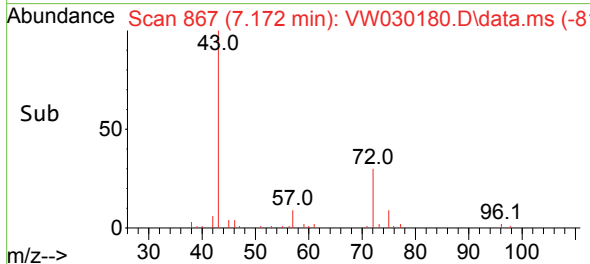
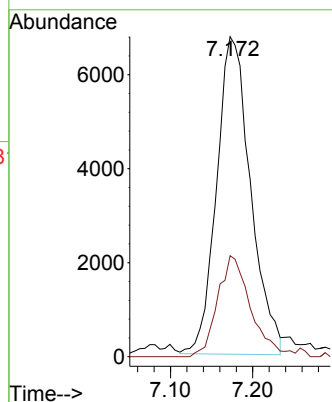
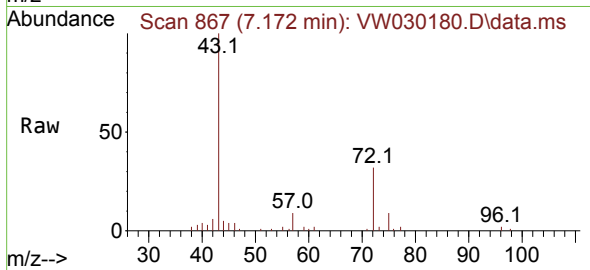




#22  
2-Butanone  
Concen: 7.253 ug/L  
RT: 7.172 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VW030180.D  
Acq: 20 Sep 2024 17:14

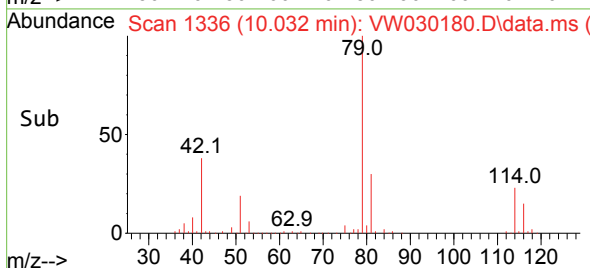
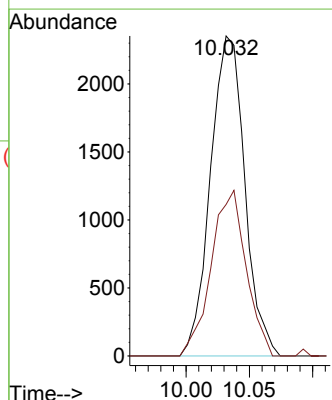
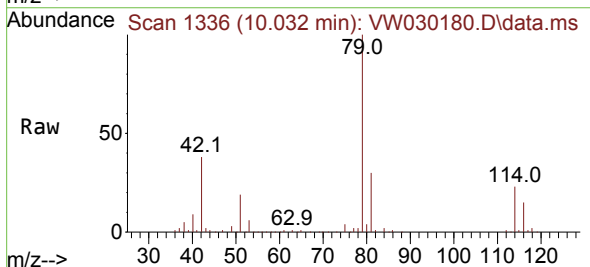
Instrument :  
MSVOA\_W  
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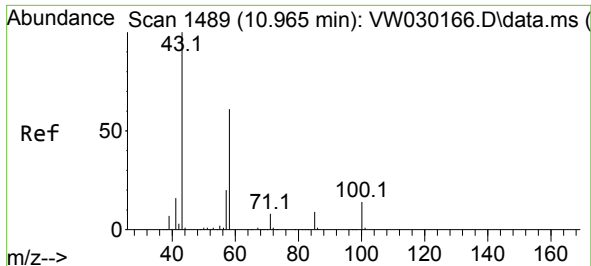
Tgt Ion: 43 Resp: 19433  
Ion Ratio Lower Upper  
43 100  
72 30.6 13.9 41.7



#39  
cis-1,3-Dichloropropene  
Concen: 0.451 ug/L  
RT: 10.032 min Scan# 1336  
Delta R.T. -0.037 min  
Lab File: VW030180.D  
Acq: 20 Sep 2024 17:14

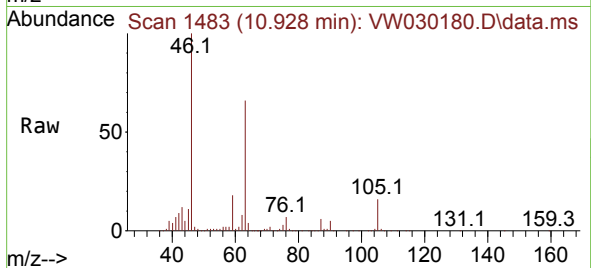
Tgt Ion: 75 Resp: 4434  
Ion Ratio Lower Upper  
75 100  
77 47.3 20.7 38.5#



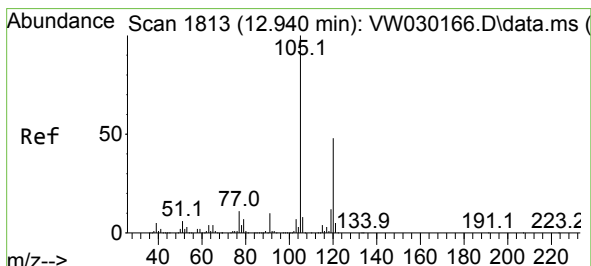
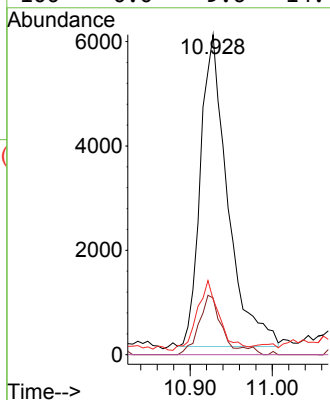
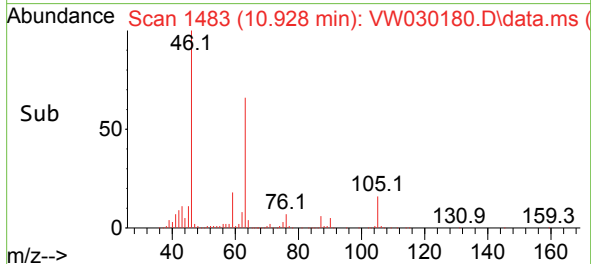


#48  
2-Hexanone  
Concen: 5.223 ug/L  
RT: 10.928 min Scan# 1483  
Delta R.T. -0.037 min  
Lab File: VW030180.D  
Acq: 20 Sep 2024 17:14

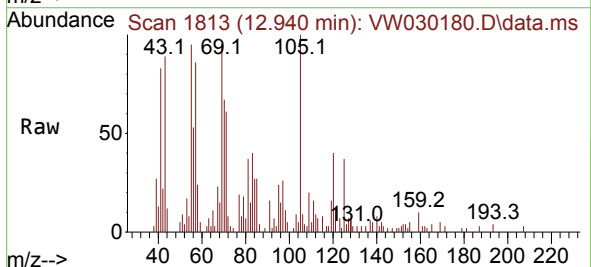
Instrument :  
MSVOA\_W  
ClientSampleId :



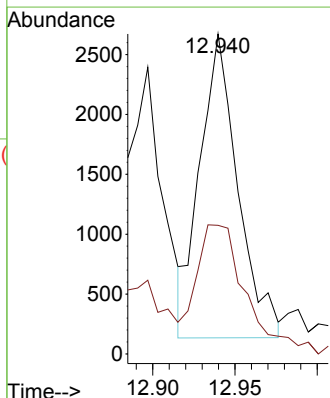
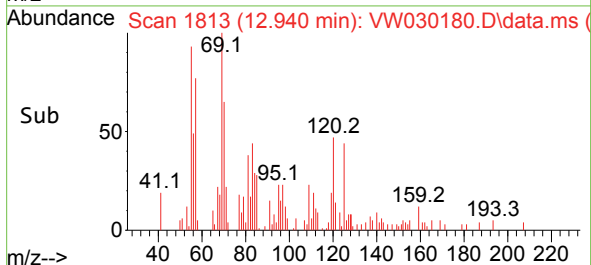
Tgt Ion: 43 Resp: 13791  
Ion Ratio Lower Upper  
43 100  
58 15.3 44.8 67.2#  
57 17.3 15.4 23.2  
100 0.0 9.6 14.4#

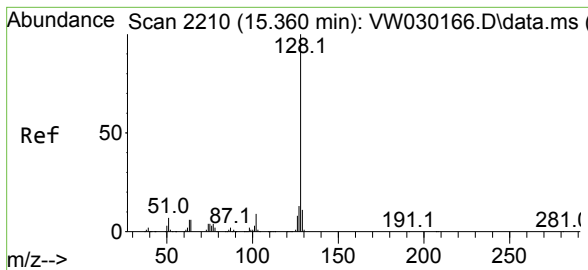


#62  
1,3,5-Trimethylbenzene  
Concen: 0.369 ug/L  
RT: 12.940 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: VW030180.D  
Acq: 20 Sep 2024 17:14



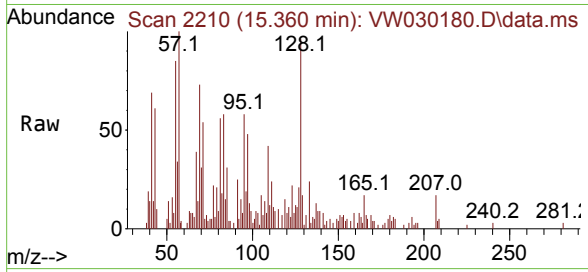
Tgt Ion: 105 Resp: 4061  
Ion Ratio Lower Upper  
105 100  
120 48.8 37.3 55.9





#71  
 Naphthalene  
 Concen: 0.691 ug/L  
 RT: 15.360 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VW030180.D  
 Acq: 20 Sep 2024 17:14

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 4721  |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 21.8  | 10.1  | 15.1# |
| 129       | 6.8   | 8.4   | 12.6# |

