

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092024\  
 Data File : VW030183.D  
 Acq On : 20 Sep 2024 18:26  
 Operator : SY/MD  
 Sample : 4109-19  
 Misc : 5.20g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 20 23:56:45 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

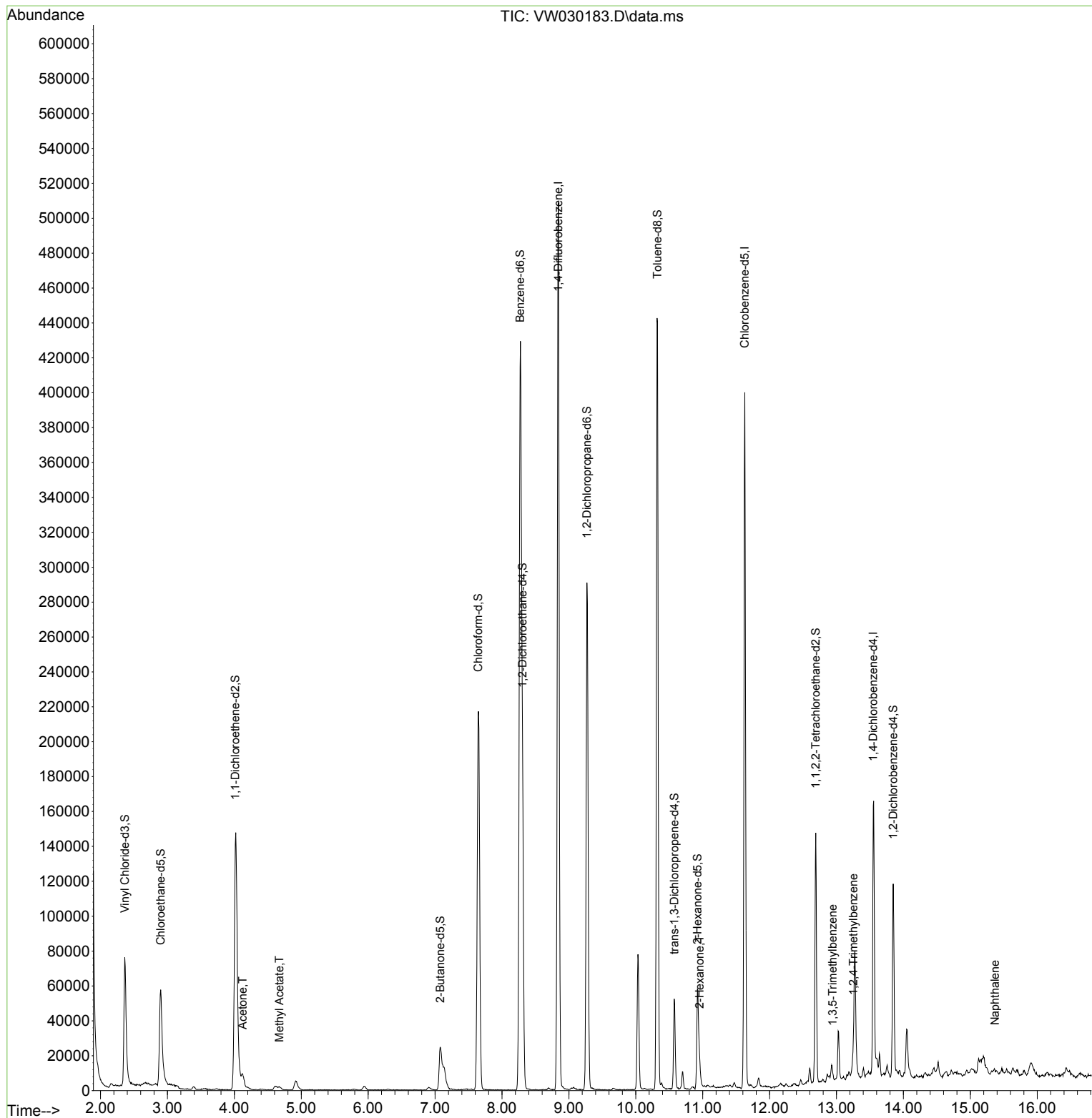
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 444188   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 227293   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.550 | 152   | 45606    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 108392   | 18.896   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 75.600%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 89547    | 22.112   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 88.440%   |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    | 53267    | 18.585   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 74.320%   |
| 21) 2-Butanone-d5             | 7.075  | 46    | 38139    | 27.458   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 54.920%   |
| 24) Chloroform-d              | 7.642  | 84    | 239312   | 19.594   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 78.360%   |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 135884   | 22.156   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 88.640%   |
| 32) Benzene-d6                | 8.270  | 84    | 466708   | 35.643   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 142.560%# |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 143141   | 35.406   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 141.640%# |
| 41) Toluene-d8                | 10.325 | 98    | 311244   | 26.525   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 106.080%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 29948    | 18.490   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 73.960%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 18238    | 29.481   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 58.960%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 71120    | 23.629   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 94.520%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 29540    | 19.081   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 76.320%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 13) Acetone                   | 4.125  | 43    | 10911    | 6.847    | ug/L   | 99        |
| 15) Methyl Acetate            | 4.673  | 43    | 2713     | 1.053    | ug/L # | 86        |
| 48) 2-Hexanone                | 10.953 | 43    | 11063    | 7.475    | ug/L # | 42        |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105   | 2377     | 0.483    | ug/L   | 93        |
| 63) 1,2,4-Trimethylbenzene    | 13.251 | 105   | 4814     | 0.941    | ug/L   | 99        |
| 71) Naphthalene               | 15.367 | 128   | 2939     | 0.962    | ug/L # | 92        |
| -----                         |        |       |          |          |        |           |

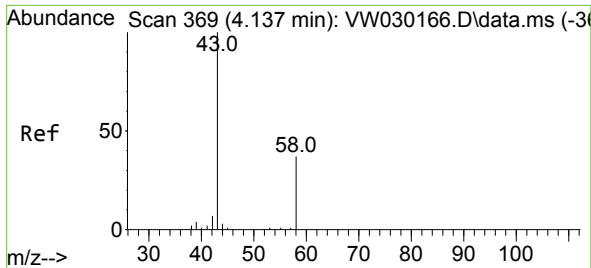
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
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Response via : Initial Calibration





#13

Acetone

Concen: 6.847 ug/L

RT: 4.125 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW030183.D

Acq: 20 Sep 2024 18:26

Instrument :

MSVOA\_W

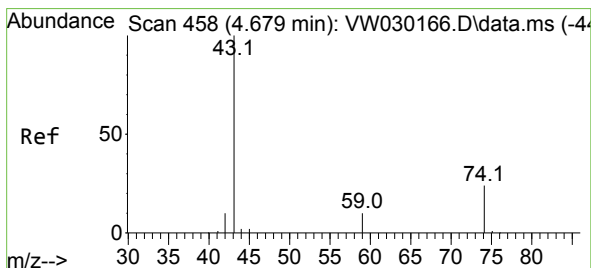
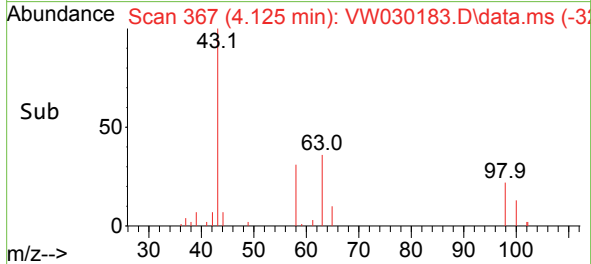
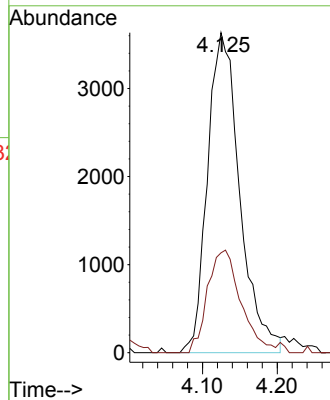
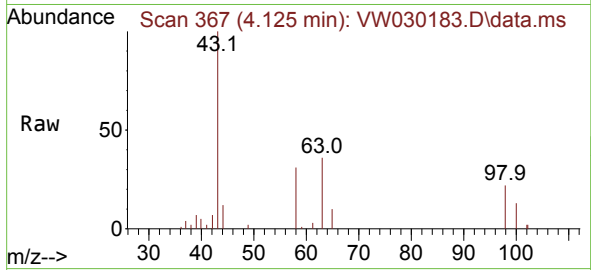
ClientSampleId :

Tgt Ion: 43 Resp: 10911

Ion Ratio Lower Upper

43 100

58 33.0 0.0 65.0



#15

Methyl Acetate

Concen: 1.053 ug/L

RT: 4.673 min Scan# 457

Delta R.T. -0.006 min

Lab File: VW030183.D

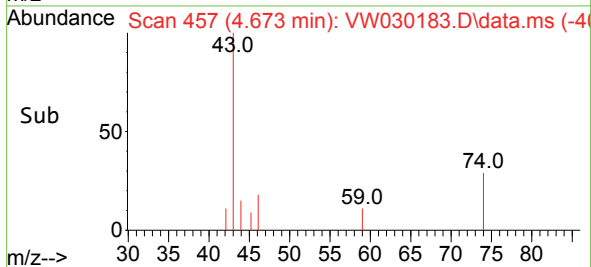
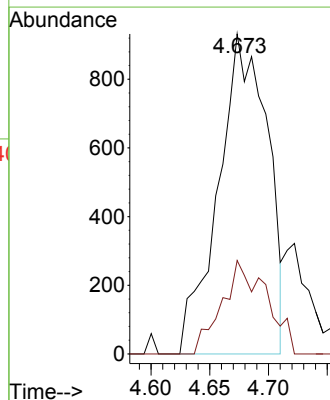
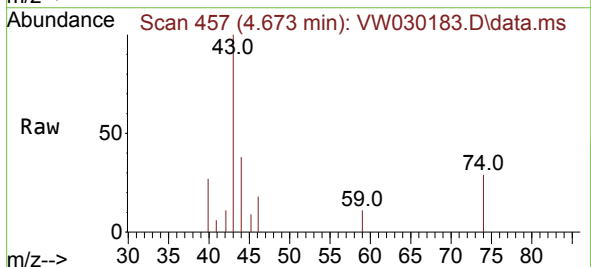
Acq: 20 Sep 2024 18:26

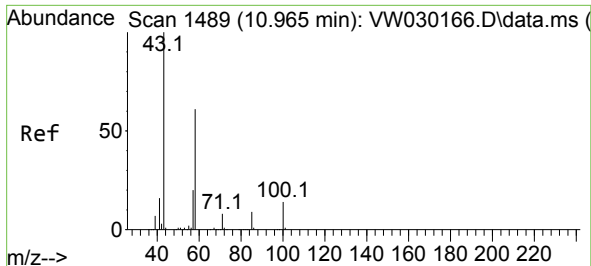
Tgt Ion: 43 Resp: 2713

Ion Ratio Lower Upper

43 100

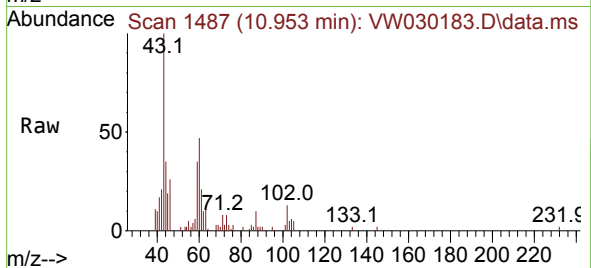
74 16.8 18.9 28.3#



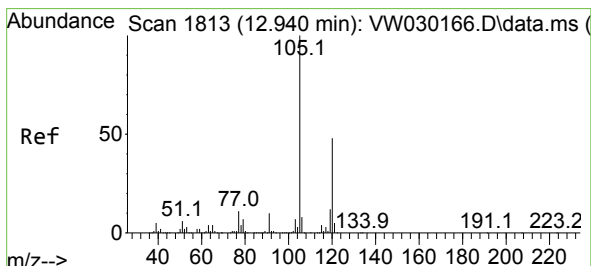
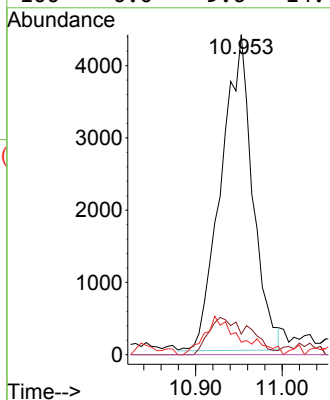
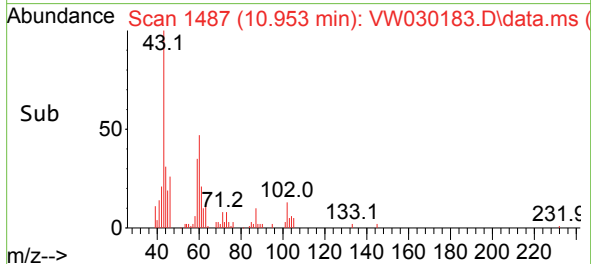


#48  
2-Hexanone  
Concen: 7.475 ug/L  
RT: 10.953 min Scan# 1487  
Delta R.T. -0.012 min  
Lab File: VW030183.D  
Acq: 20 Sep 2024 18:26

Instrument :  
MSVOA\_W  
ClientSampleId :

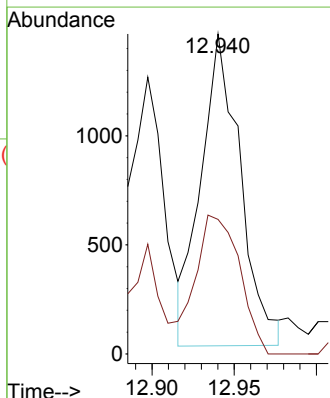
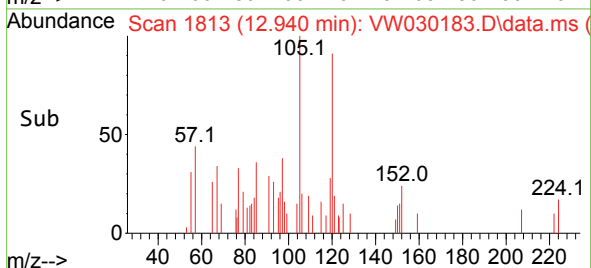
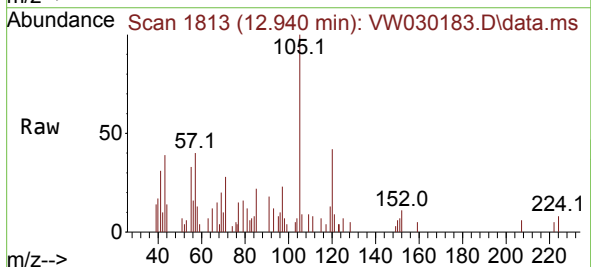


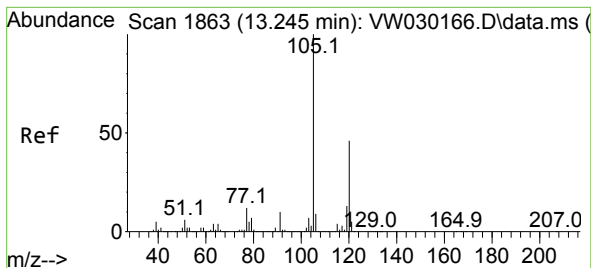
Tgt Ion: 43 Resp: 11063  
Ion Ratio Lower Upper  
43 100  
58 4.7 44.8 67.2#  
57 1.1 15.4 23.2#  
100 0.0 9.6 14.4#



#62  
1,3,5-Trimethylbenzene  
Concen: 0.483 ug/L  
RT: 12.940 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: VW030183.D  
Acq: 20 Sep 2024 18:26

Tgt Ion: 105 Resp: 2377  
Ion Ratio Lower Upper  
105 100  
120 51.4 37.3 55.9





#63

1,2,4-Trimethylbenzene

Concen: 0.941 ug/L

RT: 13.251 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW030183.D

Acq: 20 Sep 2024 18:26

Instrument :

MSVOA\_W

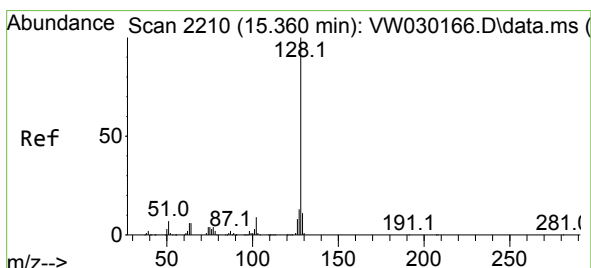
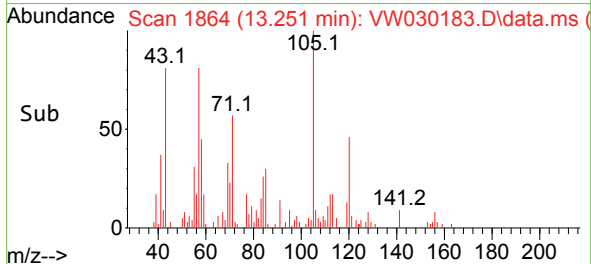
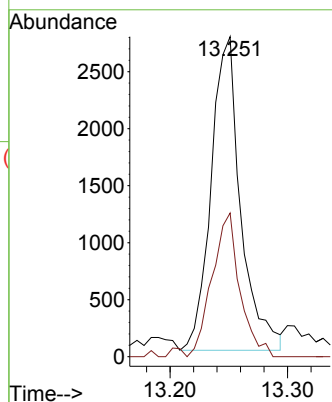
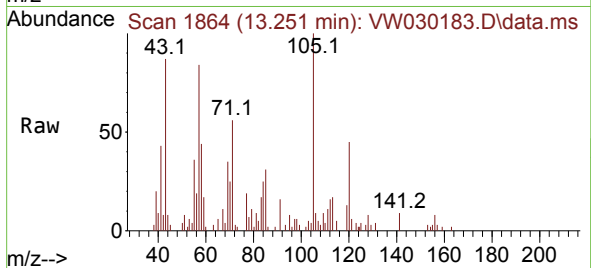
ClientSampleId :

Tgt Ion:105 Resp: 4814

Ion Ratio Lower Upper

105 100

120 42.9 34.8 52.2



#71

Naphthalene

Concen: 0.962 ug/L

RT: 15.367 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VW030183.D

Acq: 20 Sep 2024 18:26

Tgt Ion:128 Resp: 2939

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 4.2 8.4 12.6#

