

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100924\  
 Data File : VW030486.D  
 Acq On : 09 Oct 2024 20:23  
 Operator : SY/MD  
 Sample : P4346-12  
 Misc : 2.82g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 10 01:31:51 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 10 01:29:22 2024  
 Response via : Initial Calibration

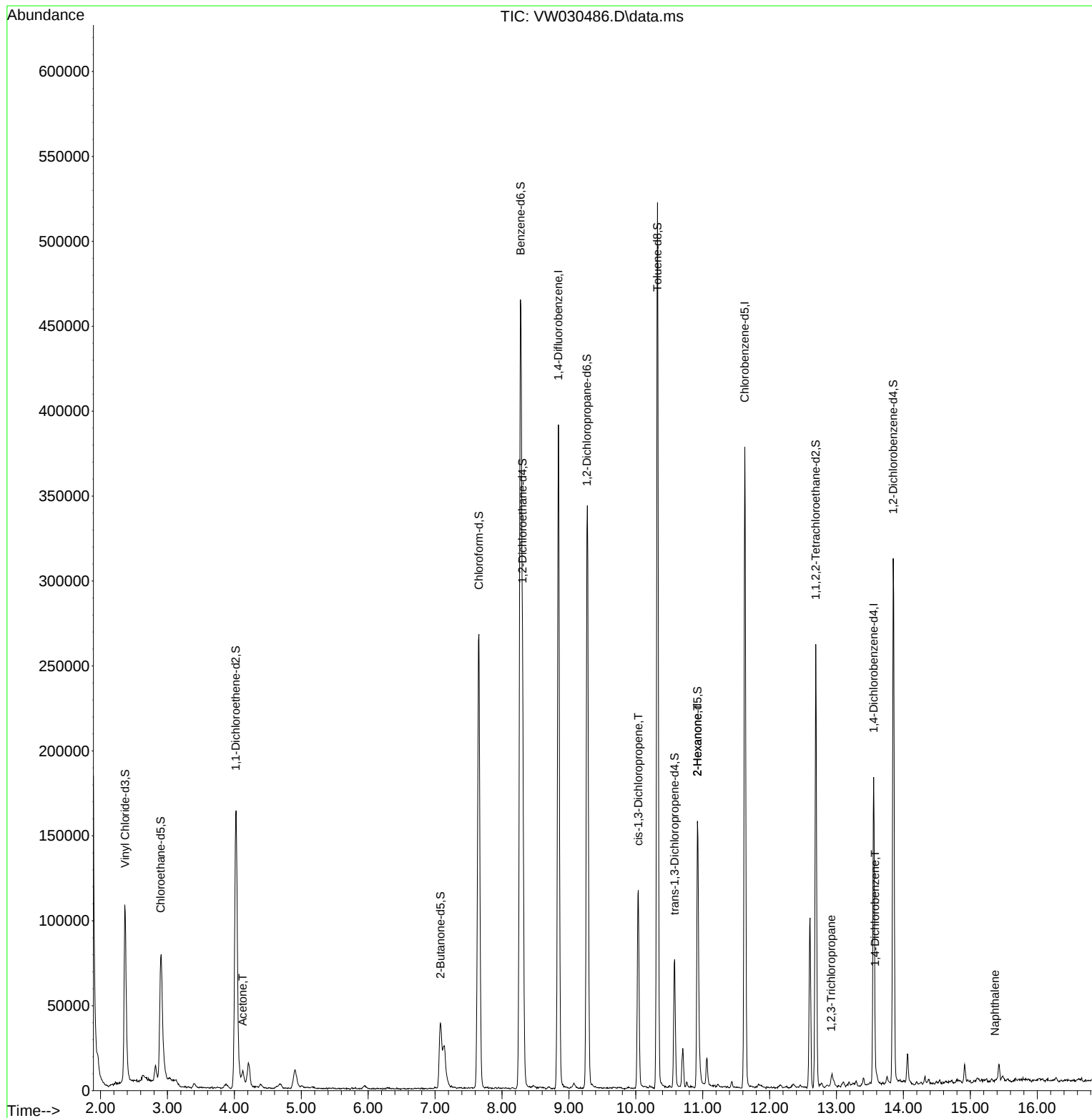
| Compound                      | R.T. QIon |                | Response | Conc        | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|-------------|--------|----------|
| -----                         |           |                |          |             |        |          |
| Internal Standards            |           |                |          |             |        |          |
| 1) 1,4-Difluorobenzene        | 8.843     | 114            | 305476   | 25.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629    | 117            | 197255   | 25.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.555    | 152            | 42191    | 25.000      | ug/L   | 0.00     |
|                               |           |                |          |             |        |          |
| System Monitoring Compounds   |           |                |          |             |        |          |
| 4) Vinyl Chloride-d3          | 2.368     | 65             | 136100   | 28.345      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 150 | Recovery | = 113.360%  |        |          |
| 7) Chloroethane-d5            | 2.899     | 69             | 120902   | 33.264      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 150 | Recovery | = 133.040%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021     | 65             | 54842    | 27.461      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 45 - 110 | Recovery | = 109.840%  |        |          |
| 21) 2-Butanone-d5             | 7.081     | 46             | 62491    | 72.318      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 20 - 135 | Recovery | = 144.640%# |        |          |
| 24) Chloroform-d              | 7.654     | 84             | 255816   | 29.283      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 40 - 150 | Recovery | = 117.120%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.306     | 65             | 166055   | 36.554      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 70 - 130 | Recovery | = 146.200%# |        |          |
| 32) Benzene-d6                | 8.276     | 84             | 462461   | 40.394      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 20 - 135 | Recovery | = 161.560%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.270     | 67             | 153654   | 45.726      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 70 - 120 | Recovery | = 182.920%# |        |          |
| 41) Toluene-d8                | 10.324    | 98             | 325675   | 31.161      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 130 | Recovery | = 124.640%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.580    | 79             | 41525    | 29.512      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 30 - 135 | Recovery | = 118.040%  |        |          |
| 47) 2-Hexanone-d5             | 10.922    | 63             | 48858    | 112.887     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 20 - 135 | Recovery | = 225.780%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690    | 84             | 119437   | 48.398      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 45 - 120 | Recovery | = 193.600%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848    | 152            | 78322    | 54.864      | ug/L   | 0.00     |
| Spiked Amount                 | 25.000    | Range 75 - 120 | Recovery | = 219.440%# |        |          |
|                               |           |                |          |             |        |          |
| Target Compounds              |           |                |          |             |        | Qvalue   |
| 13) Acetone                   | 4.124     | 43             | 13135    | 10.383      | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 10.038    | 75             | 3178     | 0.657       | ug/L # | 58       |
| 48) 2-Hexanone                | 10.922    | 43             | 11489    | 9.122       | ug/L # | 63       |
| 61) 1,2,3-Trichloropropane    | 12.921    | 75             | 594      | 0.724       | ug/L # | 53       |
| 65) 1,4-Dichlorobenzene       | 13.574    | 146            | 1447     | 0.493       | ug/L # | 82       |
| 71) Naphthalene               | 15.366    | 128            | 1103     | 0.423       | ug/L # | 87       |
| -----                         |           |                |          |             |        |          |

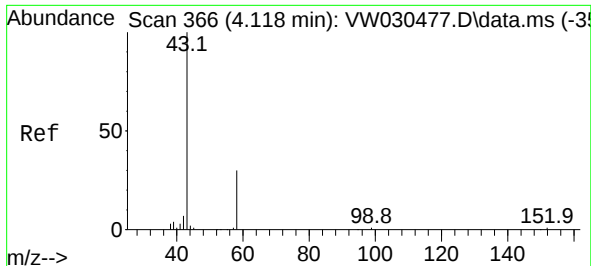
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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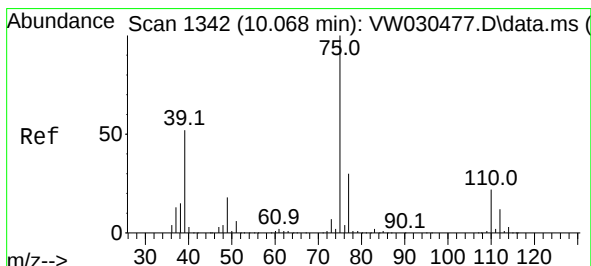
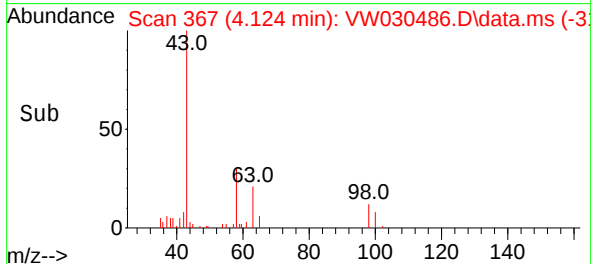
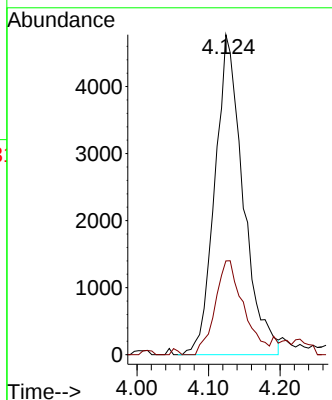
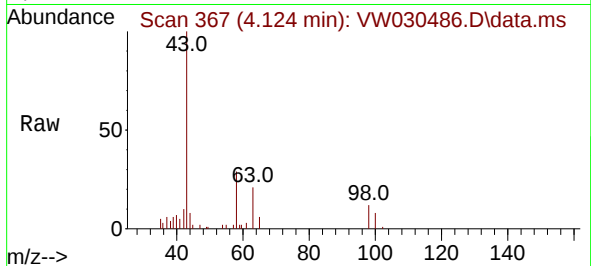




#13  
Acetone  
Concen: 10.383 ug/L  
RT: 4.124 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VW030486.D  
Acq: 09 Oct 2024 20:23

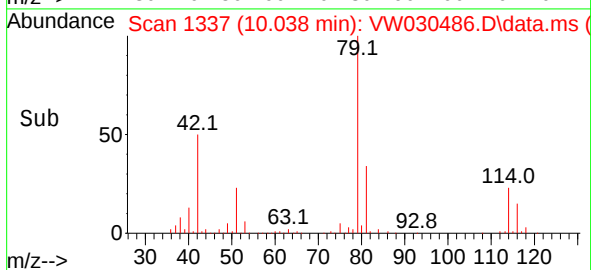
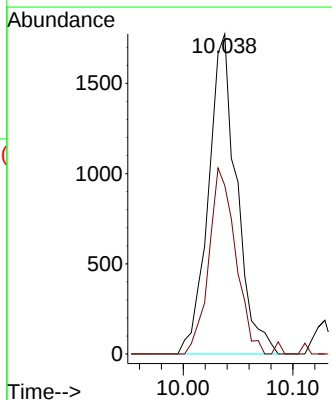
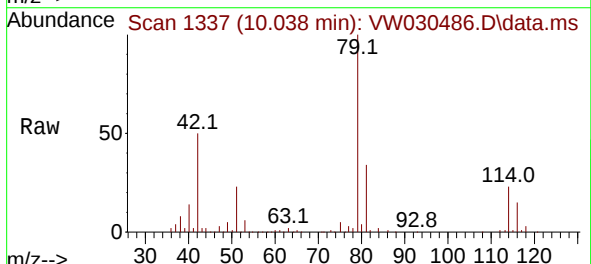
Instrument :  
MSVOA\_W  
ClientSampleId :

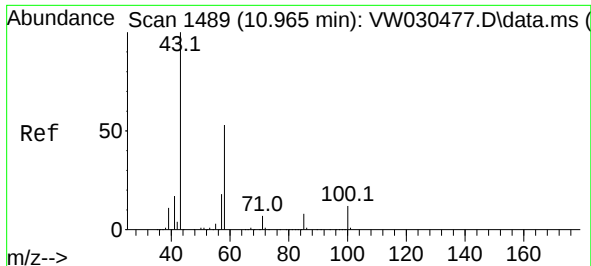
Tgt Ion: 43 Resp: 13135  
Ion Ratio Lower Upper  
43 100  
58 29.6 0.0 57.6



#39  
cis-1,3-Dichloropropene  
Concen: 0.657 ug/L  
RT: 10.038 min Scan# 1337  
Delta R.T. -0.031 min  
Lab File: VW030486.D  
Acq: 09 Oct 2024 20:23

Tgt Ion: 75 Resp: 3178  
Ion Ratio Lower Upper  
75 100  
77 52.6 21.1 39.1#





#48

2-Hexanone

Concen: 9.122 ug/L

RT: 10.922 min Scan# 1489

Delta R.T. -0.043 min

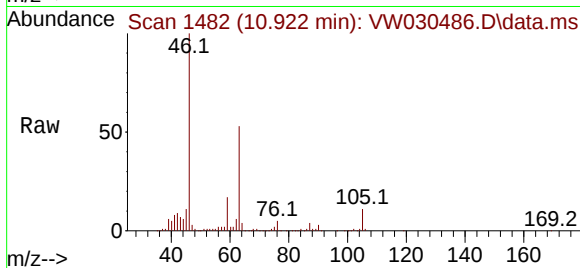
Lab File: VW030486.D

Acq: 09 Oct 2024 20:23

Instrument :

MSVOA\_W

ClientSampleId :



Tgt Ion: 43 Resp: 11489

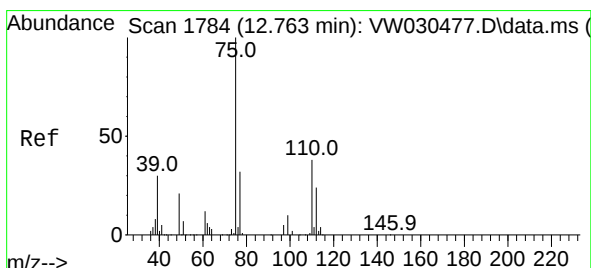
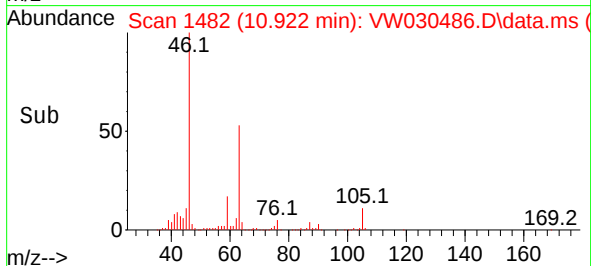
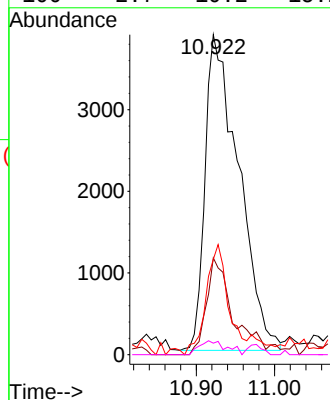
Ion Ratio Lower Upper

43 100

58 19.5 44.6 67.0#

57 23.0 15.8 23.8

100 2.7 10.2 15.2#



#61

1,2,3-Trichloropropane

Concen: 0.724 ug/L

RT: 12.921 min Scan# 1810

Delta R.T. 0.158 min

Lab File: VW030486.D

Acq: 09 Oct 2024 20:23

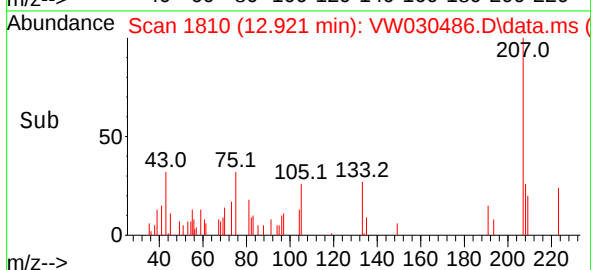
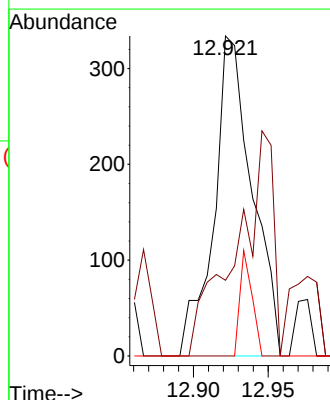
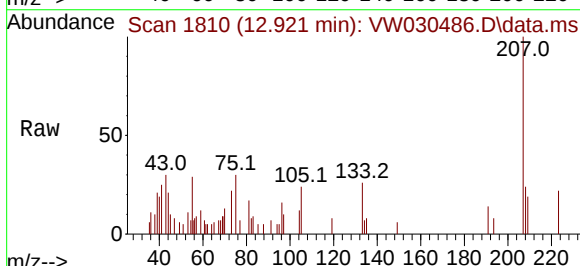
Tgt Ion: 75 Resp: 594

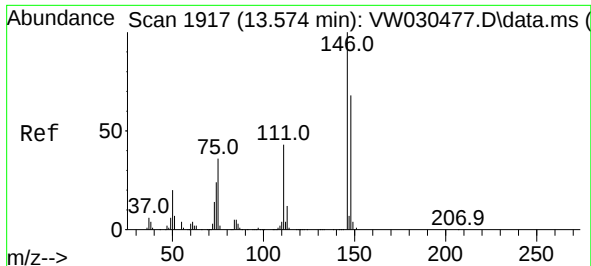
Ion Ratio Lower Upper

75 100

77 18.4 25.7 38.5#

110 0.0 32.3 48.5#





#65

1,4-Dichlorobenzene

Concen: 0.493 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030486.D

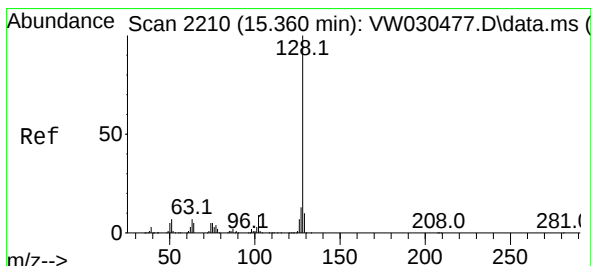
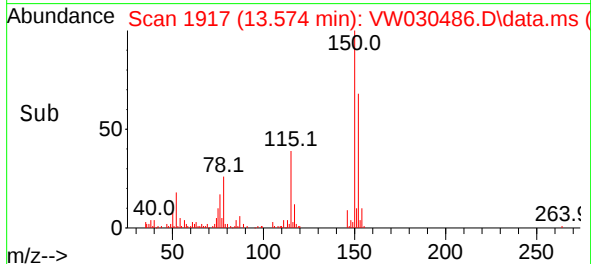
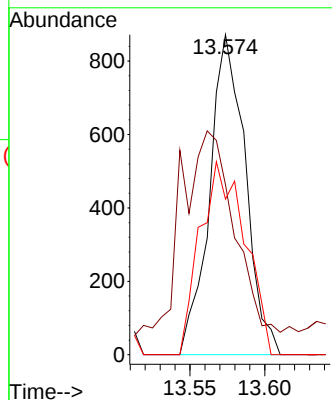
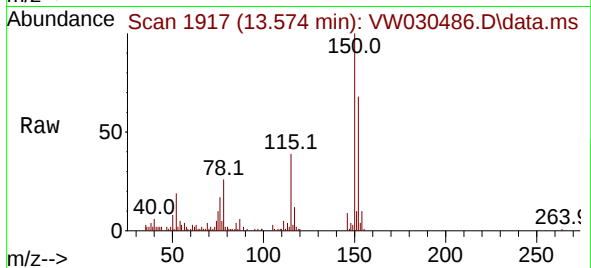
Acq: 09 Oct 2024 20:23

Instrument :

MSVOA\_W

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 1447  |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 53.1  | 26.8  | 49.8# |
| 148       | 48.6  | 41.0  | 76.2  |



#71

Naphthalene

Concen: 0.423 ug/L

RT: 15.366 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VW030486.D

Acq: 09 Oct 2024 20:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 1103  |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 18.1  | 10.9  | 16.3# |
| 129       | 5.6   | 8.8   | 13.2# |

