

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112122\  
 Data File : VU052019.D  
 Acq On : 22 Nov 2022 01:26  
 Operator : JC/MD  
 Sample : N5737-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A4347

Quant Time: Nov 22 02:08:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112122WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 22 01:03:12 2022  
 Response via : Initial Calibration

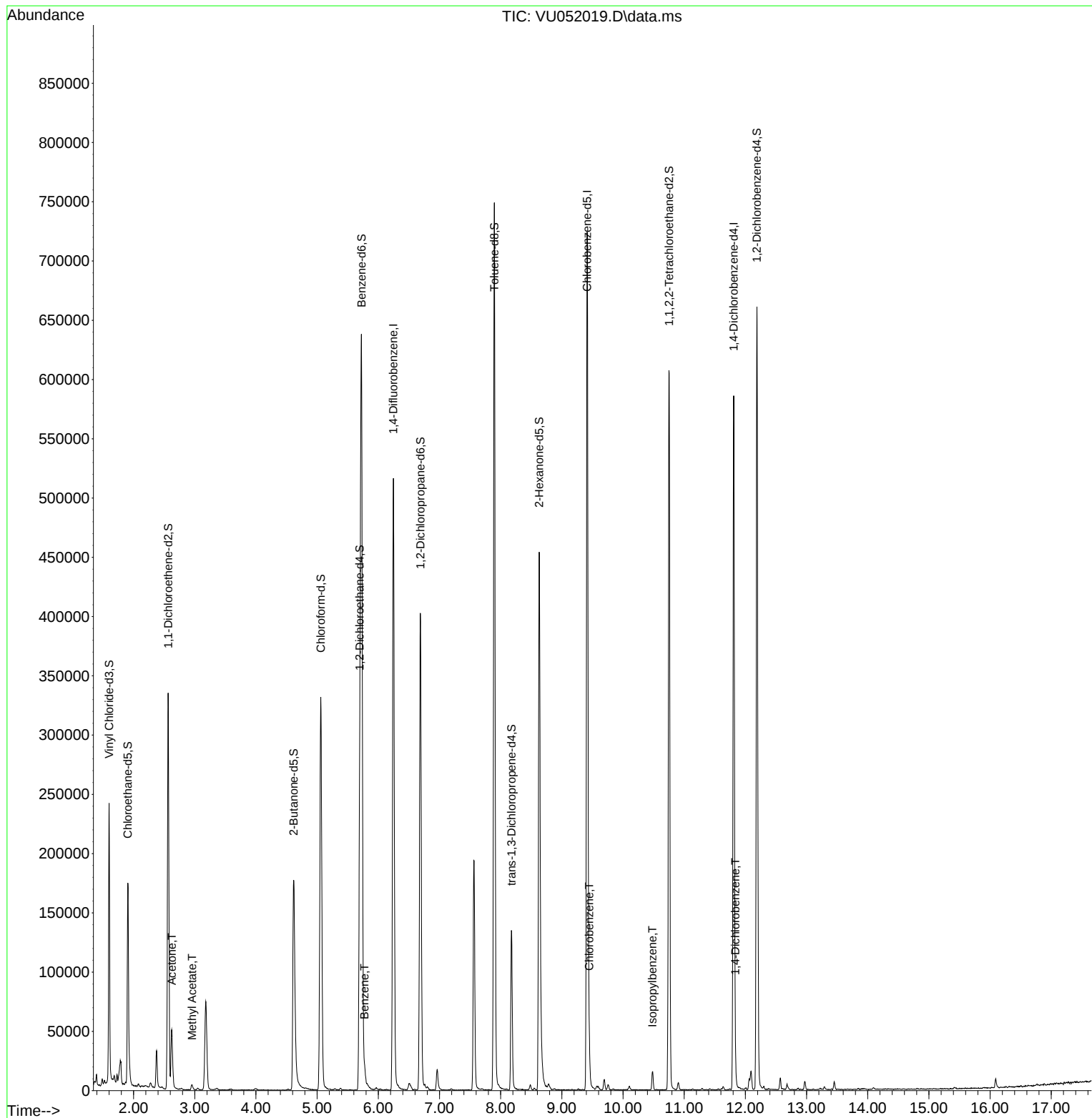
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114            | 425395   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.414   | 117            | 419350   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152            | 163030   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65             | 167329   | 45.392  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 90.780%  |          |
| 7) Chloroethane-d5            | 1.906   | 69             | 146447   | 50.162  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 100.320% |          |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63             | 199547   | 36.519  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 73.040%  |          |
| 21) 2-Butanone-d5             | 4.617   | 46             | 230452   | 104.031 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 104.030% |          |
| 24) Chloroform-d              | 5.060   | 84             | 296401   | 49.074  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 98.140%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.697   | 65             | 187501   | 51.616  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 103.240% |          |
| 32) Benzene-d6                | 5.726   | 84             | 620284   | 49.625  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 99.240%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67             | 202648   | 50.465  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 100.940% |          |
| 41) Toluene-d8                | 7.896   | 98             | 509884   | 45.657  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 91.320%  |          |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79             | 79409    | 46.454  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 92.900%  |          |
| 47) 2-Hexanone-d5             | 8.629   | 63             | 156367   | 99.823  | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 99.820%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751  | 84             | 314715   | 49.539  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 99.080%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189  | 152            | 181390   | 53.803  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 107.600% |          |
| Target Compounds              |         |                |          |         |          |          |
|                               |         |                |          |         | Qvalue   |          |
| 13) Acetone                   | 2.623   | 43             | 51437    | 25.418  | ug/L     | 98       |
| 15) Methyl Acetate            | 2.954   | 43             | 5608     | 1.736   | ug/L     | 95       |
| 33) Benzene                   | 5.774   | 78             | 14007    | 1.127   | ug/L     | 100      |
| 51) Chlorobenzene             | 9.446   | 112            | 20918    | 2.477   | ug/L     | 99       |
| 61) Isopropylbenzene          | 10.481  | 105            | 10759    | 1.082   | ug/L     | 97       |
| 65) 1,4-Dichlorobenzene       | 11.835  | 146            | 6581     | 1.339   | ug/L     | 97       |
| -----                         |         |                |          |         |          |          |

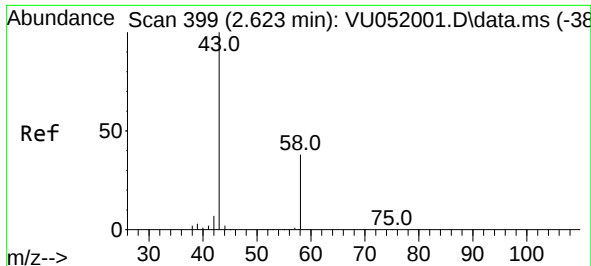
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Nov 22 01:03:12 2022  
Response via : Initial Calibration





#13

Acetone

Concen: 25.418 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU052019.D

Acq: 22 Nov 2022 01:26

Instrument :

MSVOA\_U

ClientSampleId :

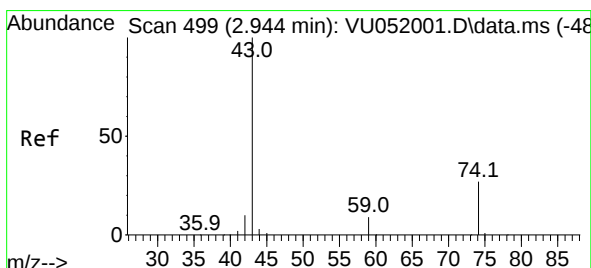
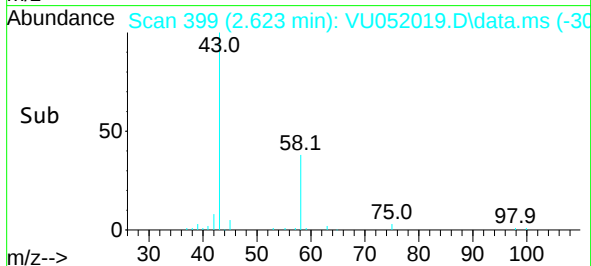
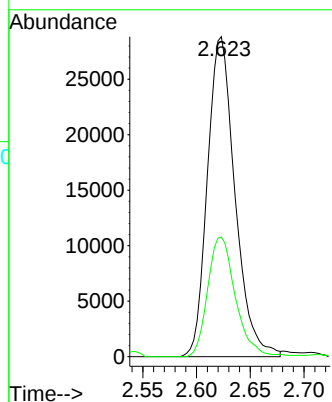
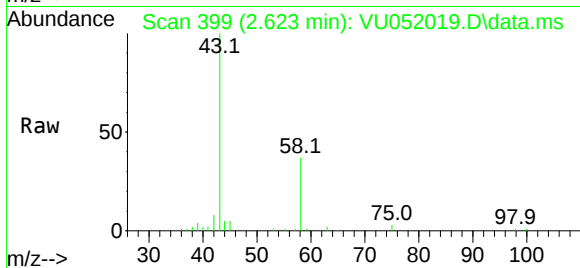
A4347

Tgt Ion: 43 Resp: 51437

Ion Ratio Lower Upper

43 100

58 37.3 0.0 76.6



#15

Methyl Acetate

Concen: 1.736 ug/L

RT: 2.954 min Scan# 502

Delta R.T. 0.010 min

Lab File: VU052019.D

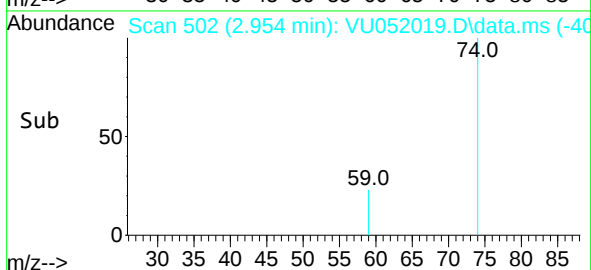
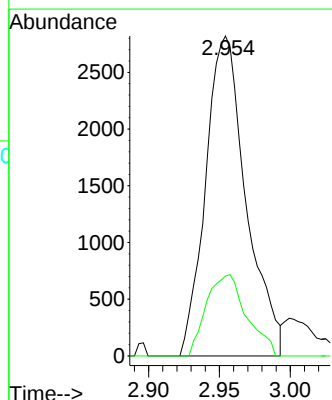
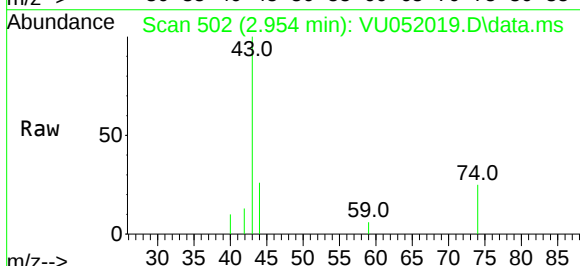
Acq: 22 Nov 2022 01:26

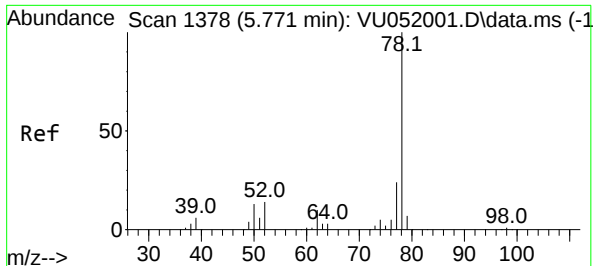
Tgt Ion: 43 Resp: 5608

Ion Ratio Lower Upper

43 100

74 25.2 22.2 33.4

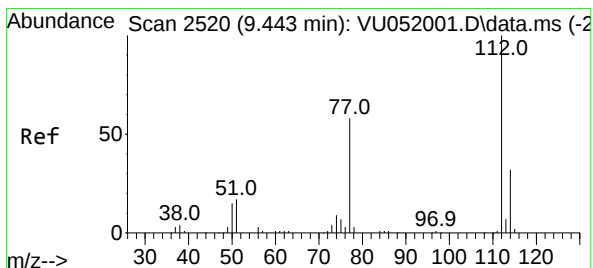
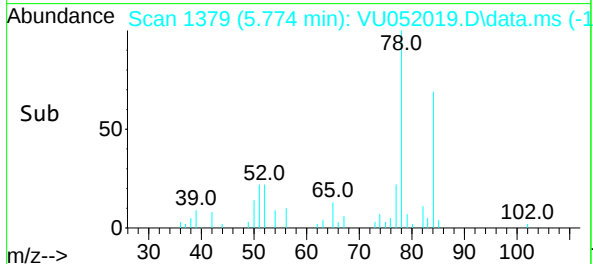
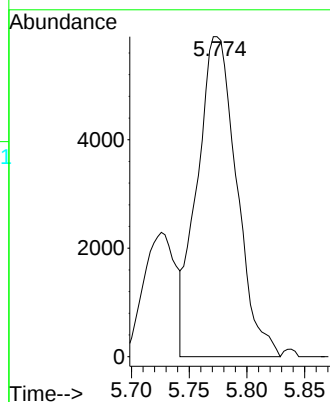
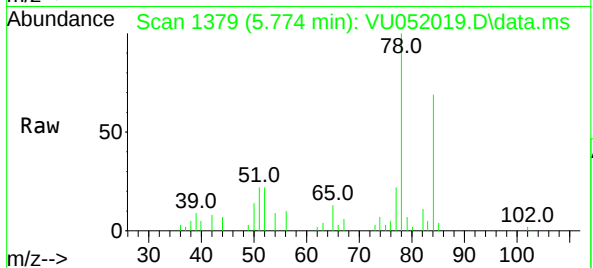




#33  
Benzene  
Concen: 1.127 ug/L  
RT: 5.774 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU052019.D  
Acq: 22 Nov 2022 01:26

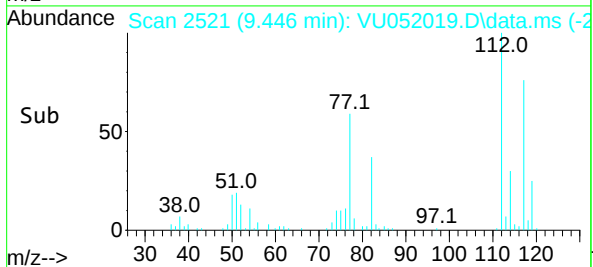
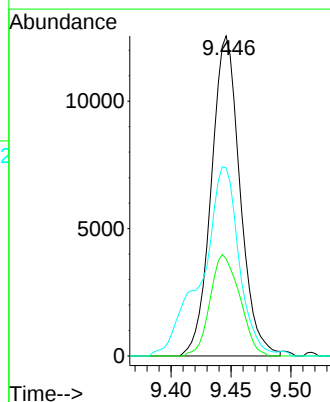
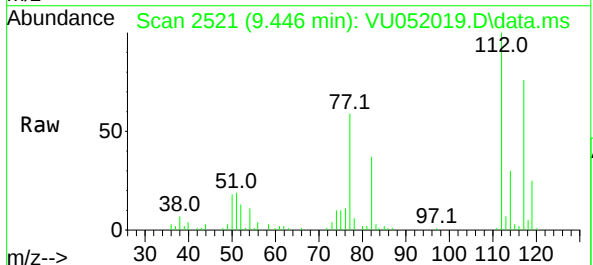
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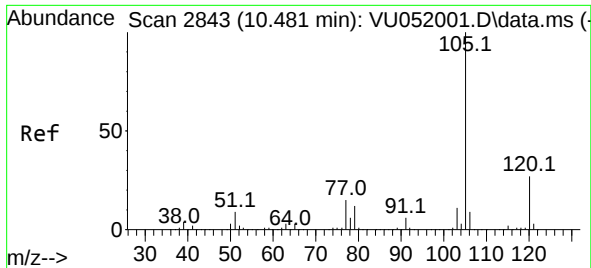
Tgt Ion: 78 Resp: 14007



#51  
Chlorobenzene  
Concen: 2.477 ug/L  
RT: 9.446 min Scan# 2521  
Delta R.T. 0.003 min  
Lab File: VU052019.D  
Acq: 22 Nov 2022 01:26

Tgt Ion: 112 Resp: 20918  
Ion Ratio Lower Upper  
112 100  
114 30.3 22.2 41.2  
77 58.8 46.5 69.7

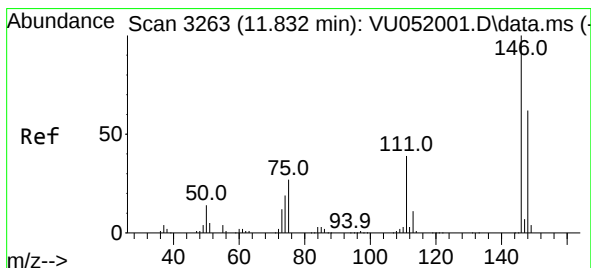
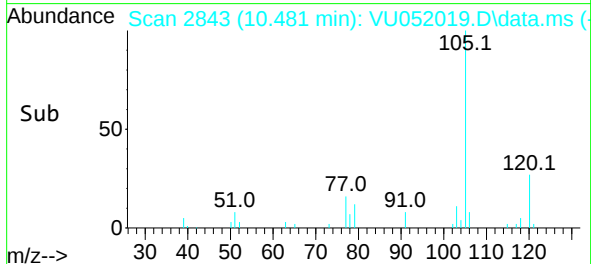
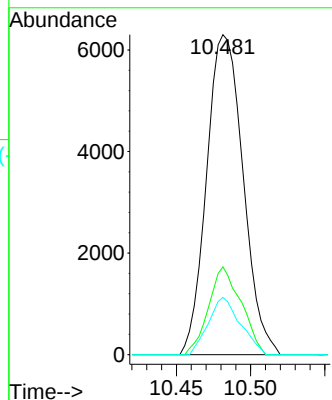
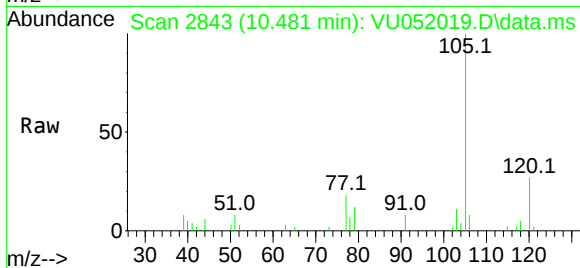




#61  
Isopropylbenzene  
Concen: 1.082 ug/L  
RT: 10.481 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU052019.D  
Acq: 22 Nov 2022 01:26

Instrument :  
MSVOA\_U  
ClientSampleId :  
A4347

Tgt Ion:105 Resp: 10759  
Ion Ratio Lower Upper  
105 100  
120 24.5 21.1 31.7  
77 15.7 12.4 18.6



#65  
1,4-Dichlorobenzene  
Concen: 1.339 ug/L  
RT: 11.835 min Scan# 3264  
Delta R.T. 0.003 min  
Lab File: VU052019.D  
Acq: 22 Nov 2022 01:26

Tgt Ion:146 Resp: 6581  
Ion Ratio Lower Upper  
146 100  
111 36.7 27.6 51.2  
148 62.1 44.8 83.2

