

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021820\
 Data File : VU036831.D
 Acq On : 18 Feb 2020 13:12
 Operator : JC/MD
 Sample : L1540-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBD66

Quant Time: Feb 19 05:51:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 19 04:53:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	107531	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	103518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	44668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35458	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.93	69	35964	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.59	63	49978	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.67	46	104539	53.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.82%
24) Chloroform-d	5.11	84	67479	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.74	65	40593	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.76	84	148578	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.73	67	49196	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.93	98	131015	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.20	79	16258	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.66	63	89207	50.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39182	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	45494	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

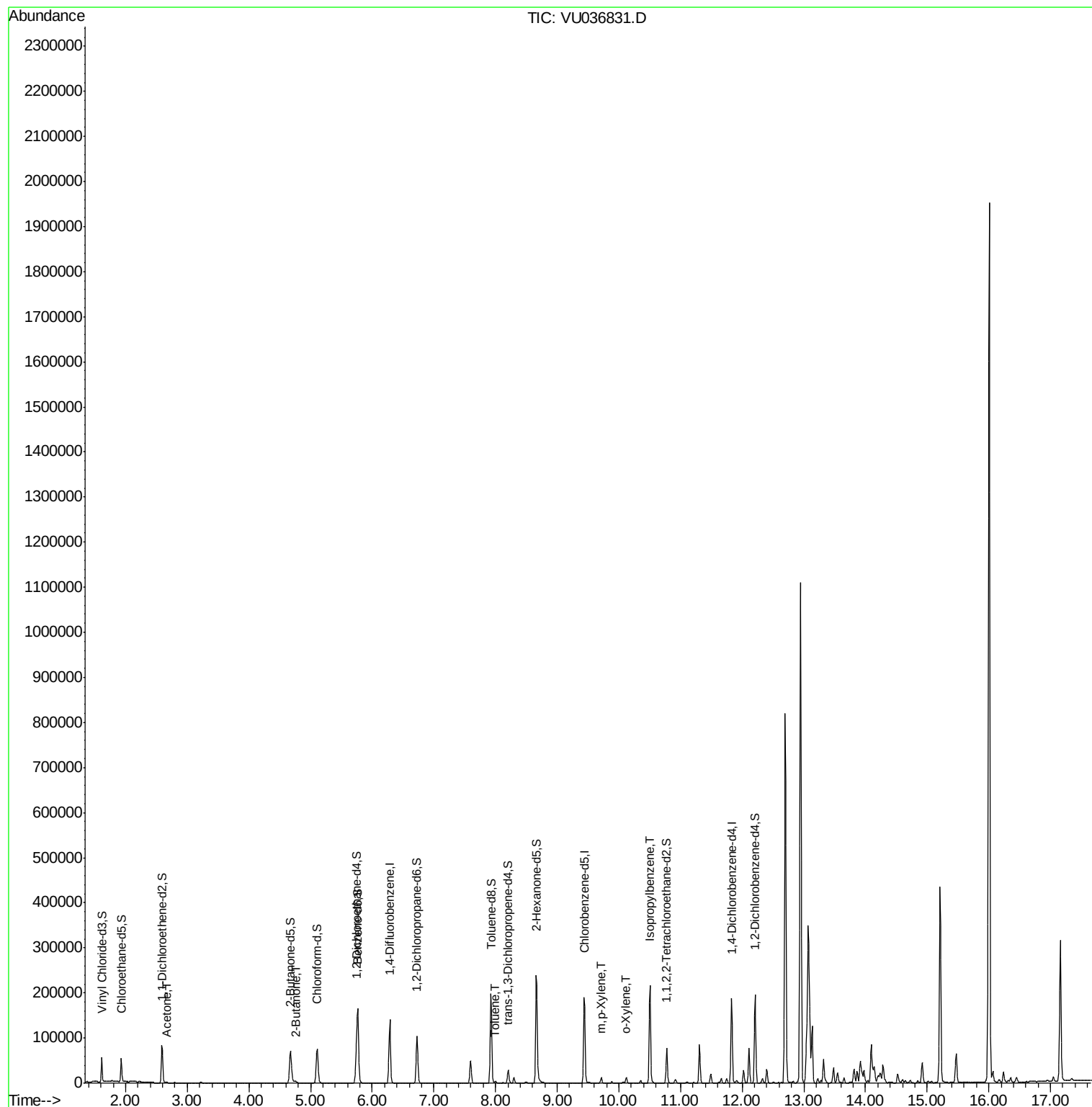
					Ovalue
13) Acetone	2.66	43	2505	1.010 ug/L	98
21) 2-Butanone	4.76	43	4322	1.498 ug/L	96
42) Toluene	8.00	91	2919	0.085 ug/L	100
53) m,p-Xylene	9.71	106	3222	0.229 ug/L	97
54) o-Xylene	10.12	106	3313	0.239 ug/L	83
56) Isopropylbenzene	10.50	105	133407	3.601 ug/L	99

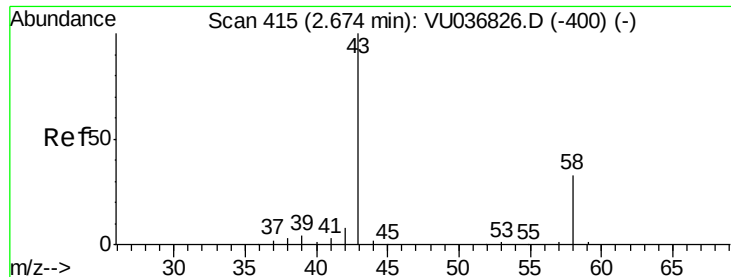
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.010 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036831.D

Acq: 18 Feb 2020 13:12

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MSVOA_U

ClientSampleId :

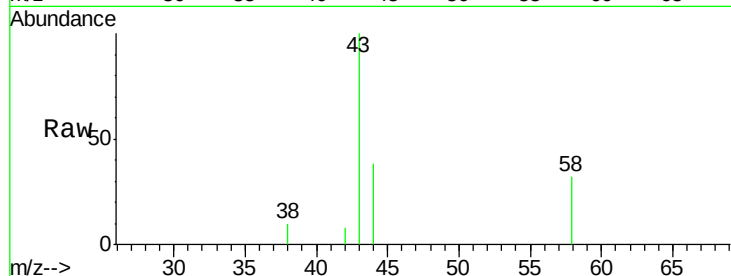
DBD66

Tot Ion: 43 Resp: 2505

Ion Ratio Lower Upper

43 100

58 33.0 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036831.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036831.D (-322) (-)

2.66

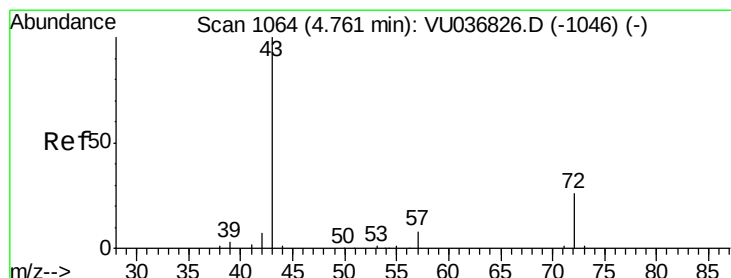
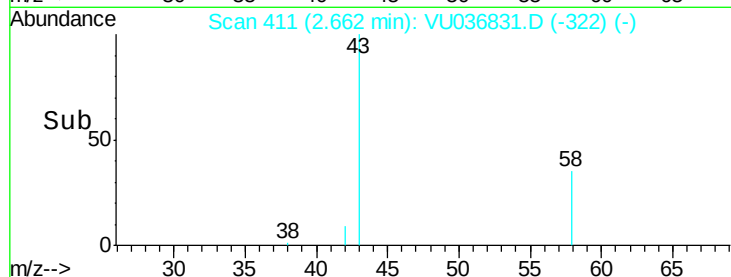
1500

1000

500

0

Time--> 2.60 2.65 2.70



#21

2-Butanone

Concen: 1.498 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VU036831.D

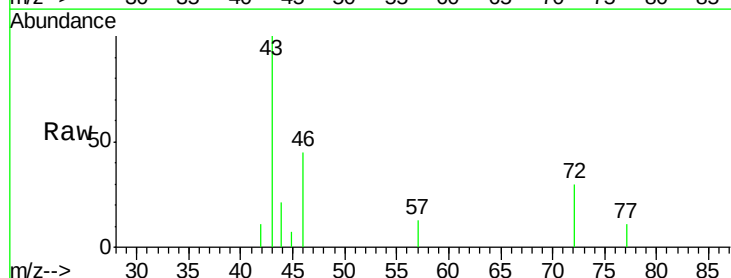
Acq: 18 Feb 2020 13:12

Tgt Ion: 43 Resp: 4322

Ion Ratio Lower Upper

43 100

72 25.5 14.0 41.9



Abundance Ion 43.05 (42.75 to 43.75): VU036831.D (-971) (-)

Ion 72.10 (71.80 to 72.80): VU036831.D (-971) (-)

4.76

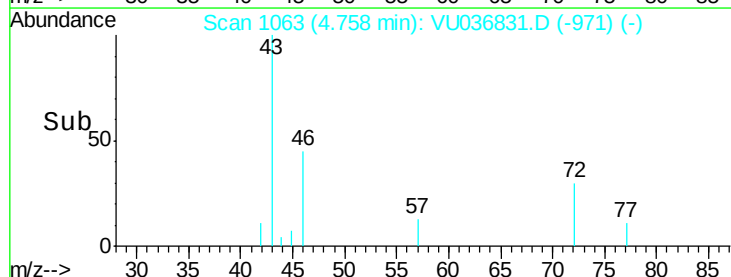
1500

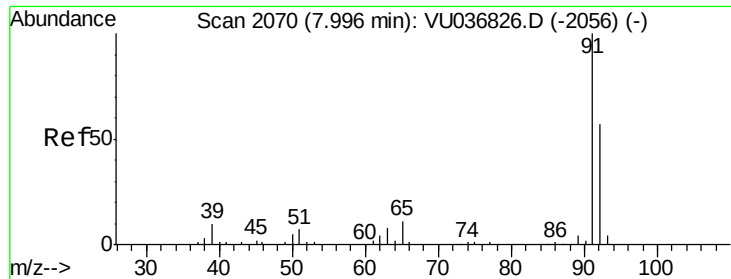
1000

500

0

Time--> 4.65 4.70 4.75 4.80 4.85





#42

Toluene

Concen: 0.085 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036831.D

Acq: 18 Feb 2020 13:12

Instrument :

MSVOA_U

ClientSampleId :

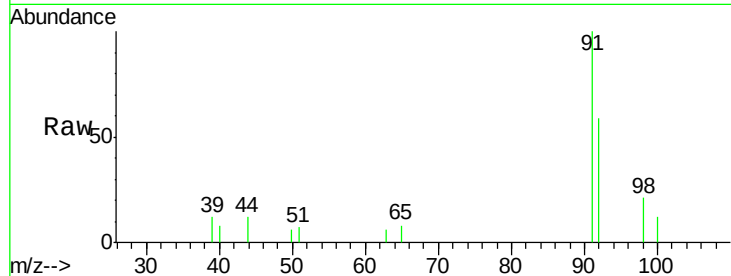
DBD66

Tot Ion: 91 Resp: 2919

Ion Ratio Lower Upper

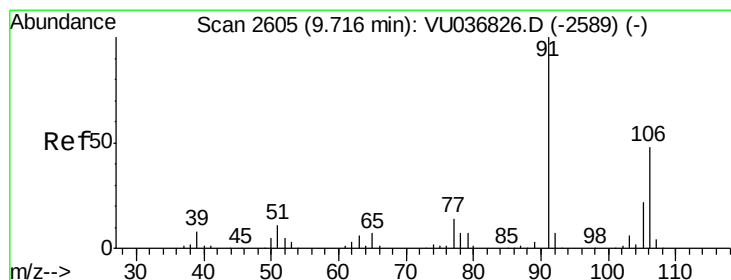
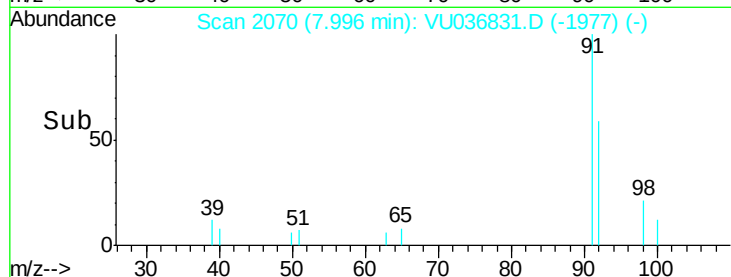
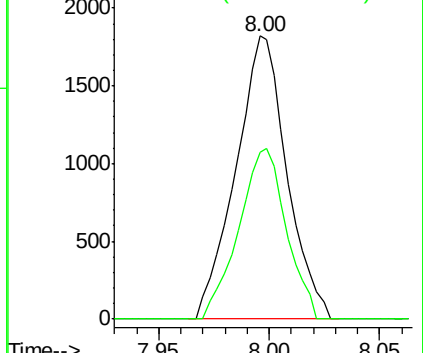
91 100

92 58.8 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036831.D (-1977) (-)

Ion 92.15 (91.85 to 92.85): VU036831.D (-1977) (-)



#53

m,p-Xylene

Concen: 0.229 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU036831.D

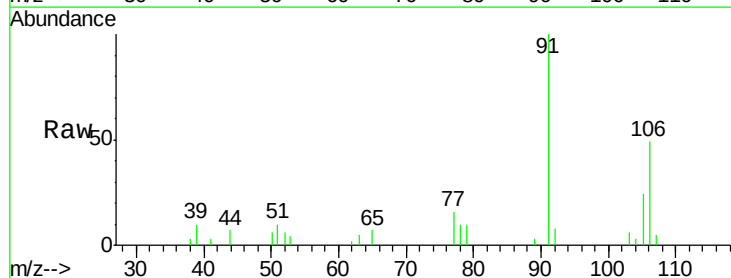
Acq: 18 Feb 2020 13:12

Tgt Ion: 106 Resp: 3222

Ion Ratio Lower Upper

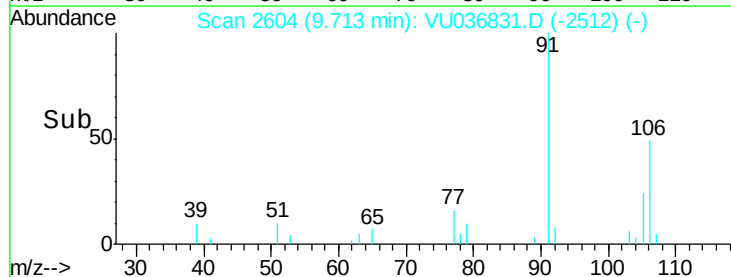
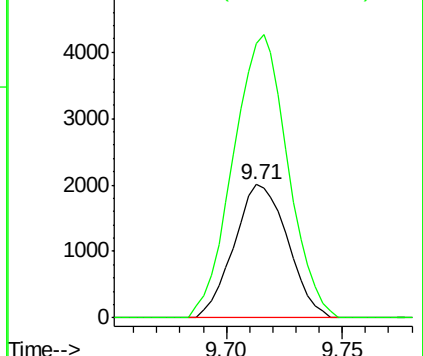
106 100

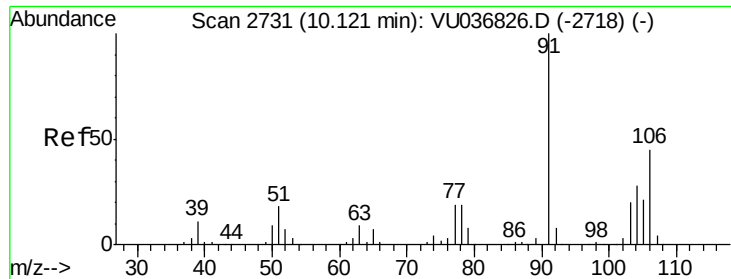
91 205.9 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): VU036831.D (-2512) (-)

Ion 91.15 (90.85 to 91.85): VU036831.D (-2512) (-)

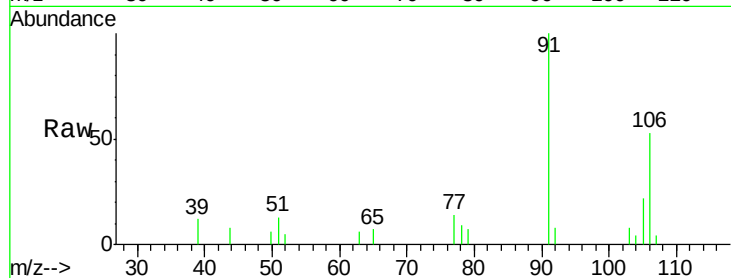




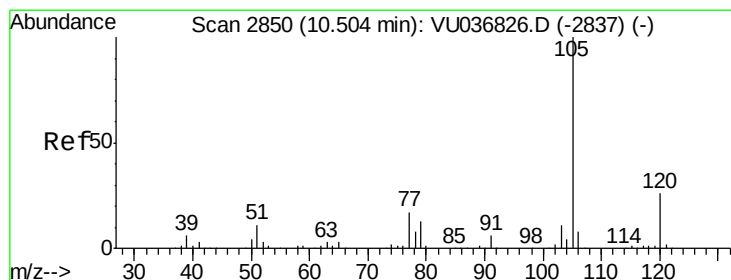
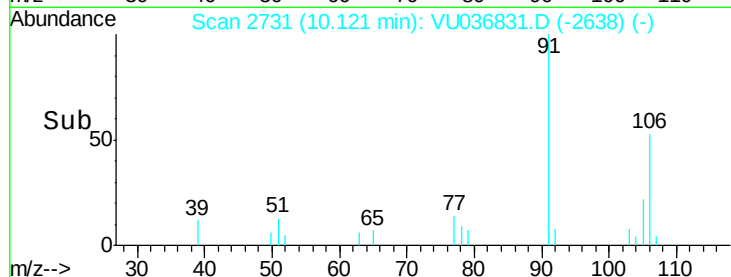
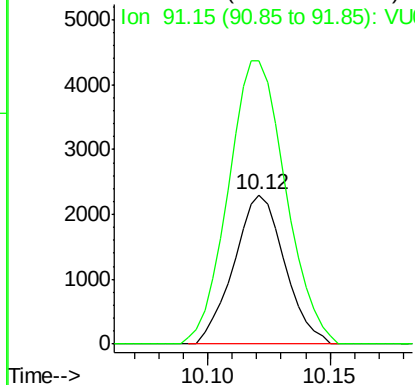
#54
o-Xylene
Concen: 0.239 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU036831.D
Acq: 18 Feb 2020 13:12

Instrument :
MSVOA_U
ClientSampled :
DBD66

Tot Ion:106 Resp: 3313
Ion Ratio Lower Upper
106 100
91 189.2 151.1 280.5

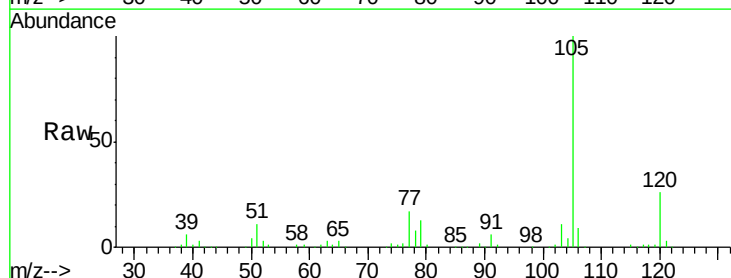


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0



#56
Isopropylbenzene
Concen: 3.601 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VU036831.D
Acq: 18 Feb 2020 13:12

Tgt Ion:105 Resp: 133407
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 17.0 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): VU0

