

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100719\
 Data File : VU034971.D
 Acq On : 07 Oct 2019 19:50
 Operator : JC/SP
 Sample : K5219-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-1-190930-01

Quant Time: Oct 09 05:18:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 03:56:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	182587	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	187353	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	79871	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48598	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.67	69	47745	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.26	63	74254	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.17	46	161300	50.75	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.50%
24) Chloroform-d	4.62	84	95402	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.29	65	62138	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.32	84	210168	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.31	67	71705	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.54	98	186945	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.84	79	21858	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.30	63	132046	52.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.06%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	62371	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	71963	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

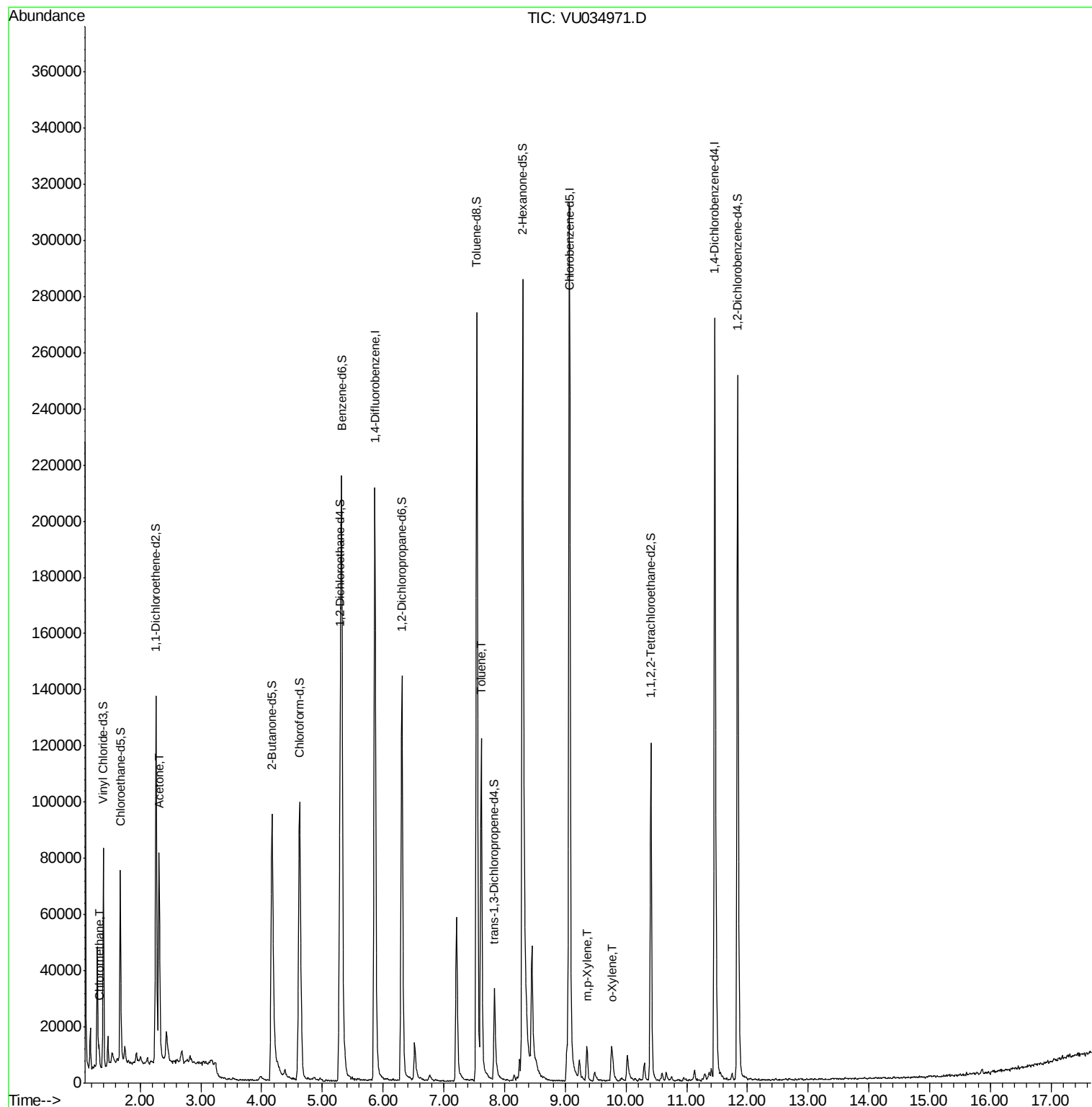
					Ovalue
3) Chloromethane	1.32	50	3880	0.212 ug/L	91
13) Acetone	2.31	43	81864	31.448 ug/L	99
42) Toluene	7.62	91	92789	1.575 ug/L	98
53) m,p-Xylene	9.36	106	4313	0.179 ug/L	87
54) o-Xylene	9.76	106	2921	0.124 ug/L	88

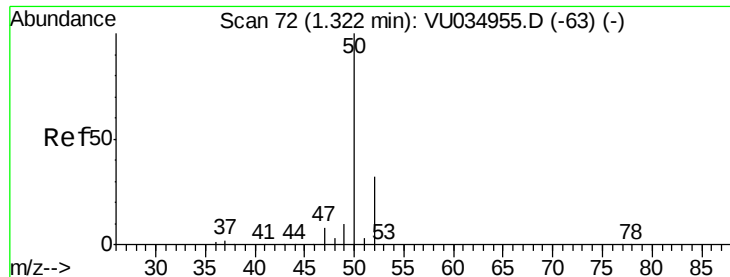
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.212 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034971.D

Acq: 07 Oct 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

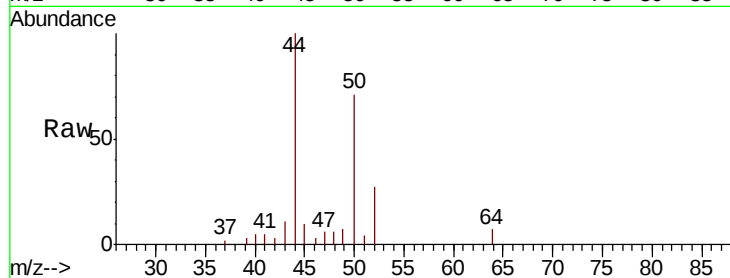
RB-1-190930-01

Tot Ion: 50 Resp: 3880

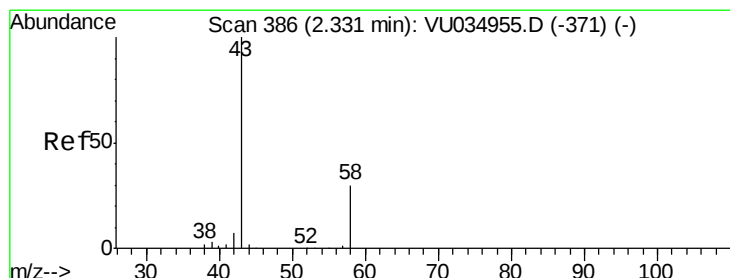
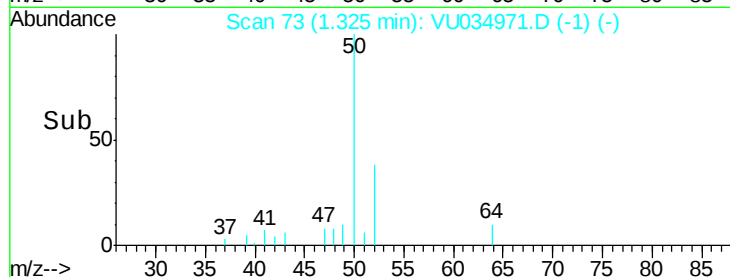
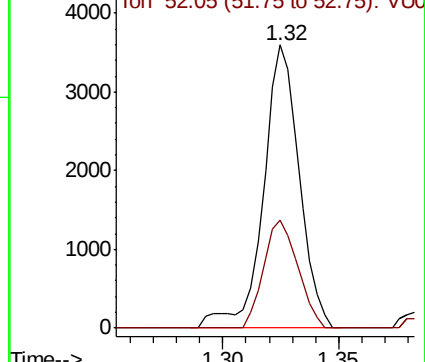
Ion Ratio Lower Upper

50 100

52 38.0 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU034971.D (-1) (-)



#13

Acetone

Concen: 31.448 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU034971.D

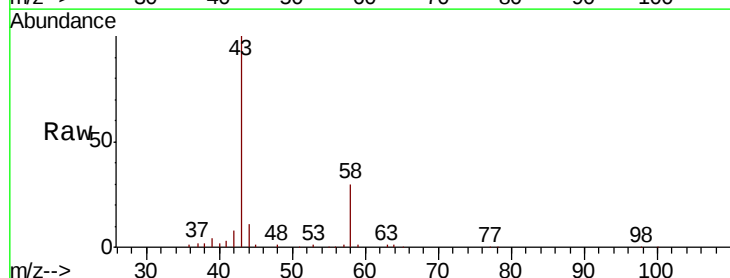
Acq: 07 Oct 2019 19:50

Tgt Ion: 43 Resp: 81864

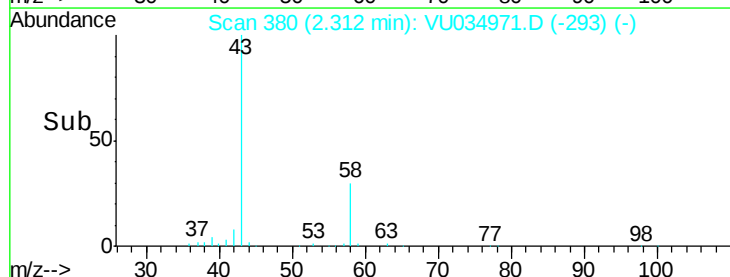
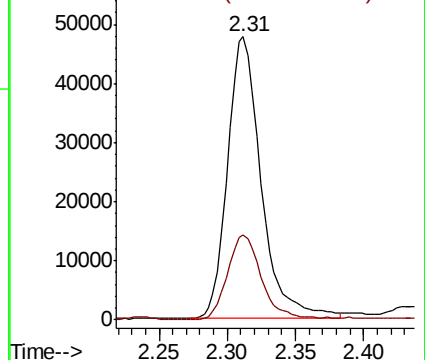
Ion Ratio Lower Upper

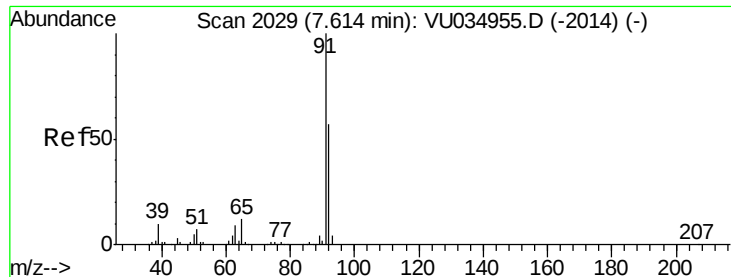
43 100

58 31.0 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034971.D (-293) (-)





#42

Toluene

Concen: 1.575 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034971.D

Acq: 07 Oct 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

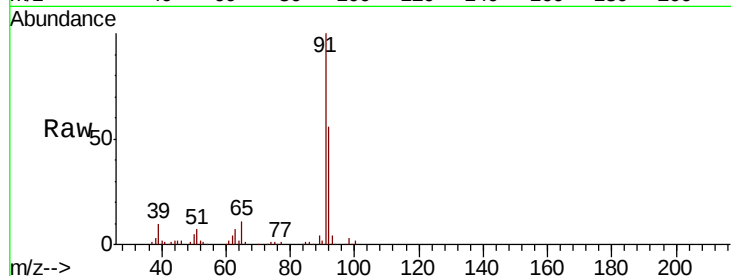
RB-1-190930-01

Tot Ion: 91 Resp: 92789

Ion Ratio Lower Upper

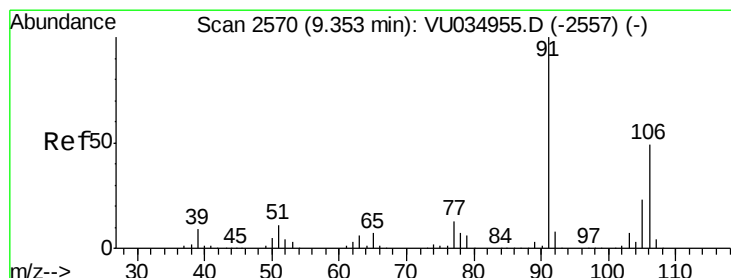
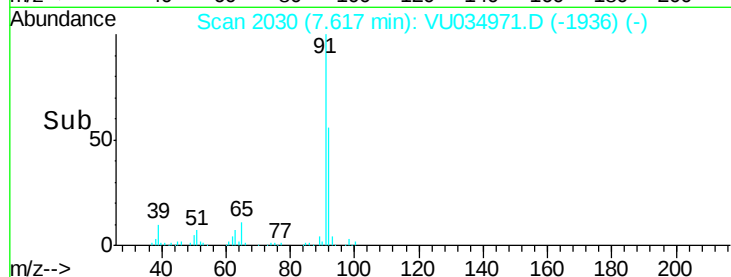
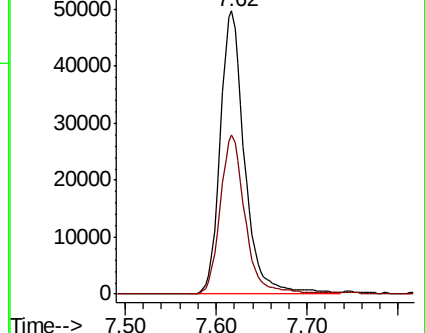
91 100

92 56.3 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU034971.D (-1936) (-)

Ion 92.15 (91.85 to 92.85): VU034971.D (-1936) (-)



#53

m,p-Xylene

Concen: 0.179 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034971.D

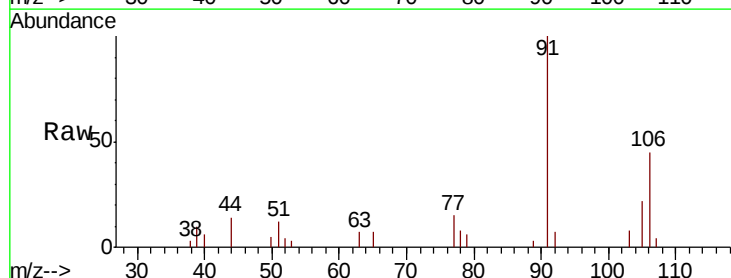
Acq: 07 Oct 2019 19:50

Tgt Ion: 106 Resp: 4313

Ion Ratio Lower Upper

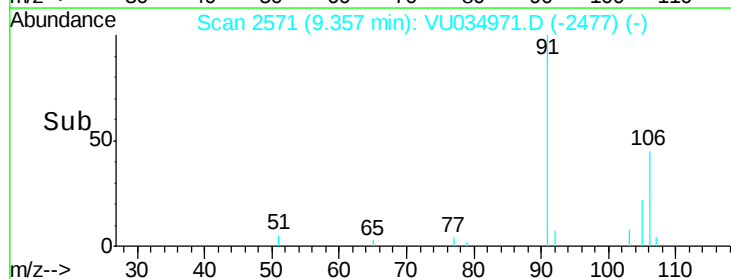
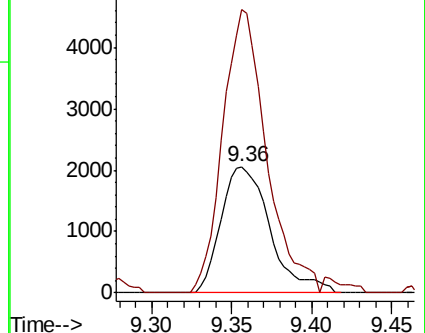
106 100

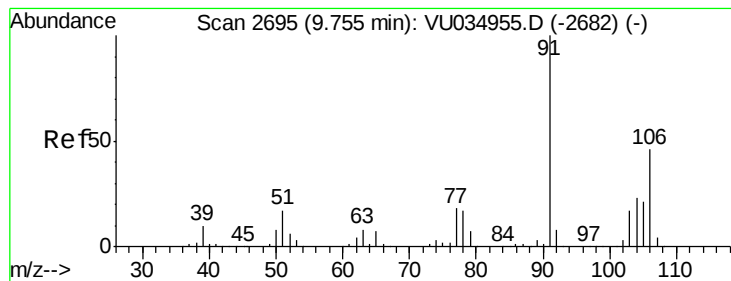
91 224.7 143.1 265.9



Abundance Ion 106.15 (105.85 to 106.85): VU034971.D (-2477) (-)

Ion 91.15 (90.85 to 91.85): VU034971.D (-2477) (-)





#54

o-Xylene

Concen: 0.124 ug/L

RT: 9.76 min Scan# 2697

Delta R.T. 0.01 min

Lab File: VU034971.D

Acq: 07 Oct 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

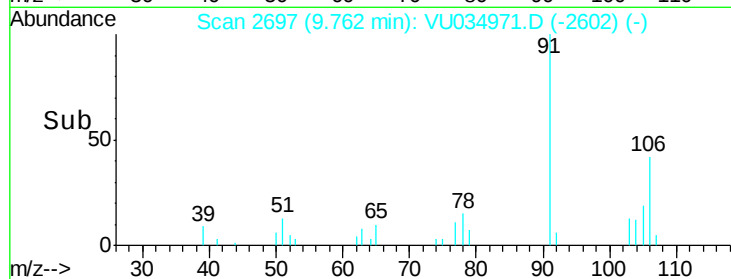
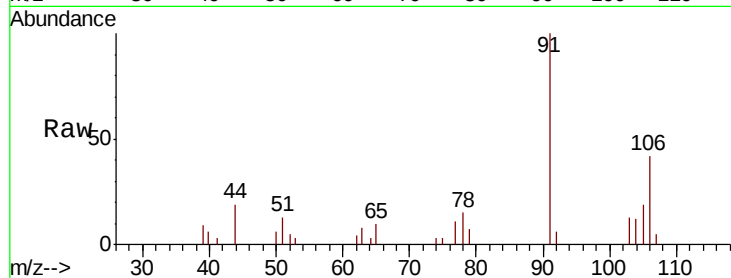
RB-1-190930-01

Tot Ion:106 Resp: 2921

Ion Ratio Lower Upper

106 100

91 235.3 151.6 281.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

