

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031445.D
 Acq On : 23 Apr 2019 17:56
 Operator : JC/SP
 Sample : K2481-17DL 20X
 Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHX0DL

Quant Time: May 03 01:37:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	768164	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	736253	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	360072	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	211426	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.94%
7) Chloroethane-d5	1.68	69	181552	38.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.62%
11) 1,1-Dichloroethene-d2	2.27	63	319428	29.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.00%#
21) 2-Butanone-d5	4.19	46	436442	93.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.79%
24) Chloroform-d	4.65	84	395819	39.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.82%
26) 1,2-Dichloroethane-d4	5.31	65	245809	41.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.74%
32) Benzene-d6	5.34	84	837620	39.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.76%
36) 1,2-Dichloropropane-d6	6.33	67	279430	40.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.66%
41) Toluene-d8	7.56	98	712982	37.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.06%#
43) trans-1,3-Dichloropropene-	7.85	79	122589	39.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.62%
47) 2-Hexanone-d5	8.31	63	309523	90.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	395630	42.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	299348	40.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.34%

Target Compounds

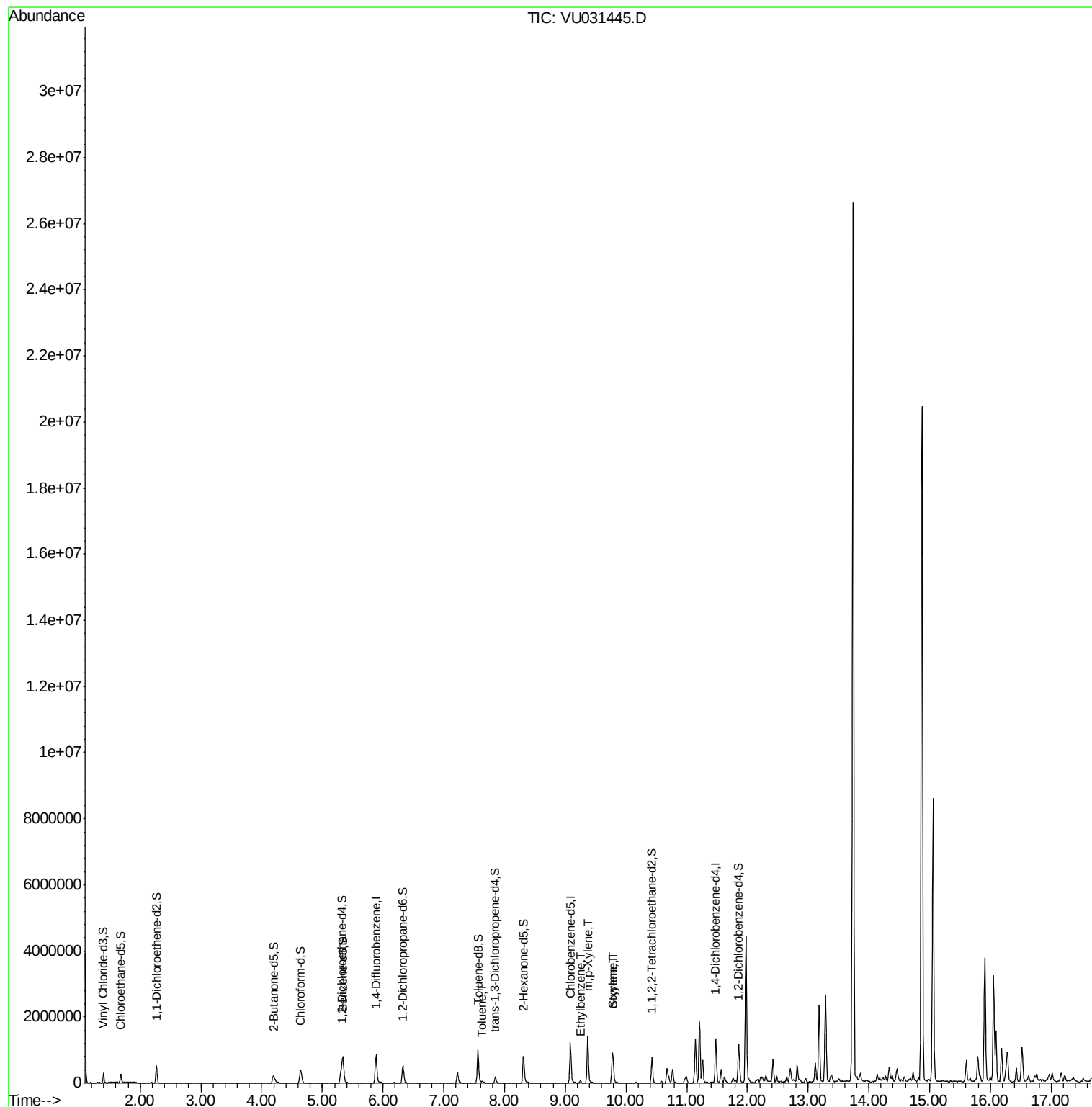
					Ovalue
42) Toluene	7.64	91	28155	1.273	ug/L 99
52) Ethylbenzene	9.25	91	53436	2.256	ug/L 99
53) m,p-Xylene	9.37	106	419382	48.511	ug/L 95
54) o-xylene	9.77	106	189147	21.762	ug/L 99
55) Styrene	9.79	104	250474	17.327	ug/L 97

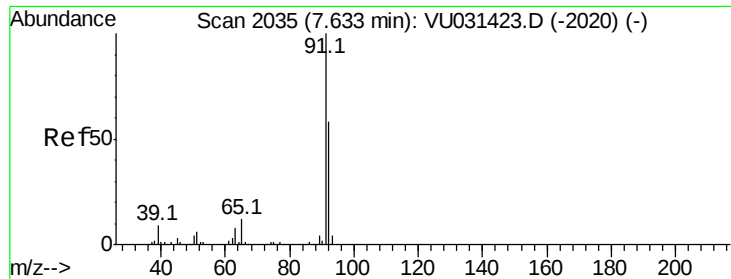
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration





#42

Toluene

Concen: 1.273 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU031445.D

Acq: 23 Apr 2019 17:56

Instrument :

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ClientSampleId :

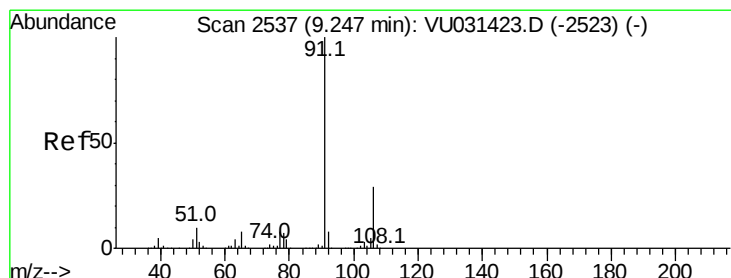
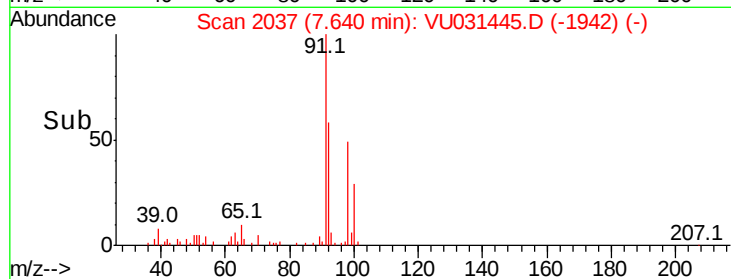
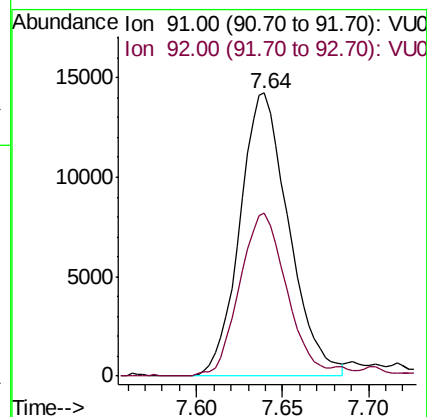
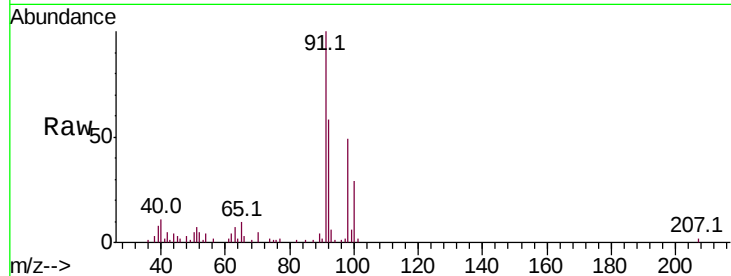
GAHX0DL

Tot Ion: 91 Resp: 28155

Ion Ratio Lower Upper

91 100

92 57.6 40.6 75.4



#52

Ethylbenzene

Concen: 2.256 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU031445.D

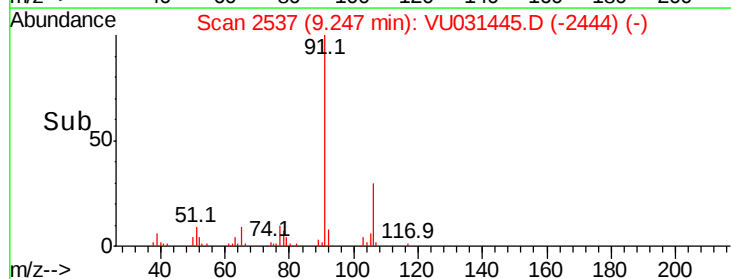
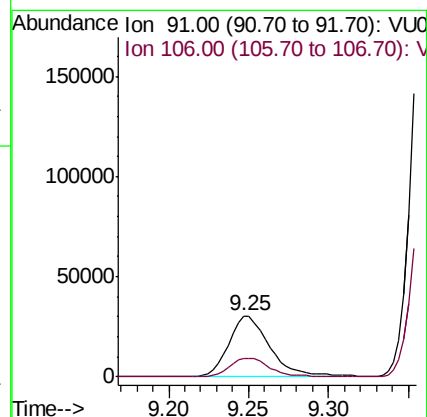
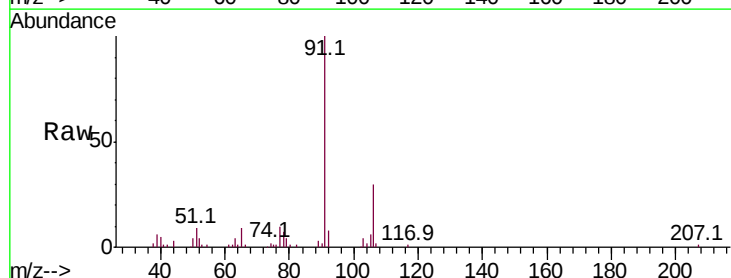
Acq: 23 Apr 2019 17:56

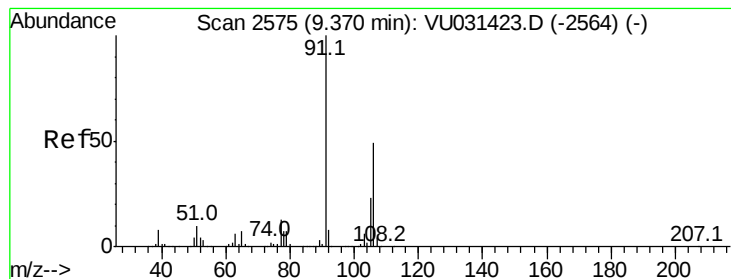
Tgt Ion: 91 Resp: 53436

Ion Ratio Lower Upper

91 100

106 29.8 21.3 39.5





#53

m,p-Xylene

Concen: 48.511 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU031445.D

Acq: 23 Apr 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

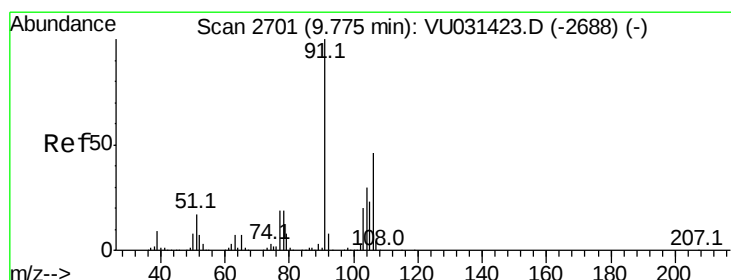
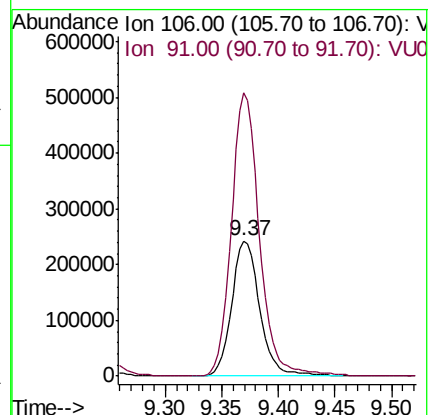
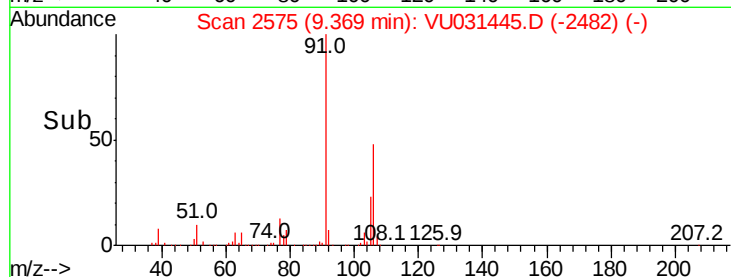
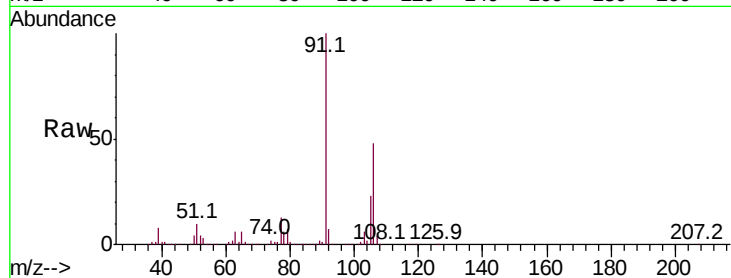
GAHX0DL

Tot Ion:106 Resp: 419382

Ion Ratio Lower Upper

106 100

91 209.6 141.5 262.7



#54

o-xylene

Concen: 21.762 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU031445.D

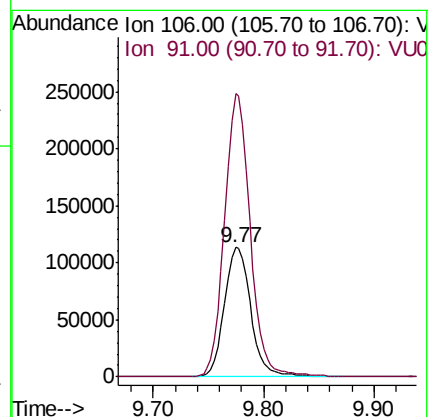
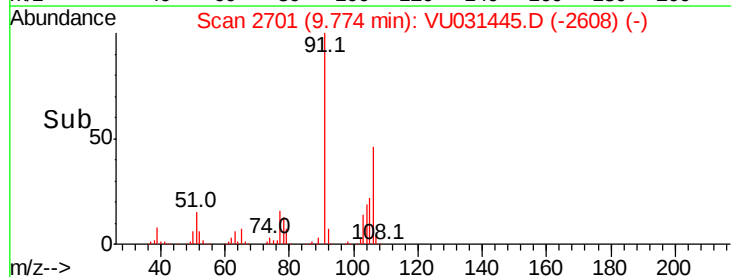
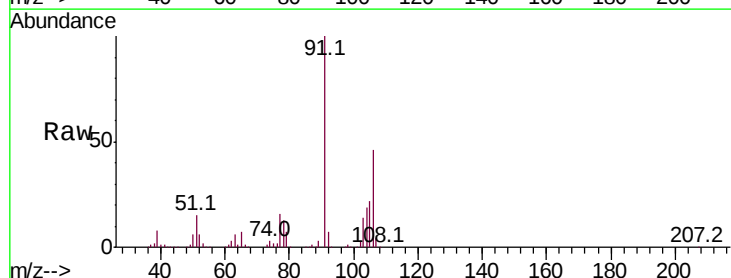
Acq: 23 Apr 2019 17:56

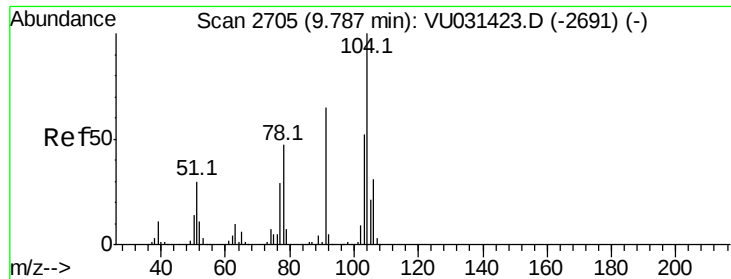
Tgt Ion:106 Resp: 189147

Ion Ratio Lower Upper

106 100

91 219.2 152.4 283.0





#55

Stvrene

Concen: 17.327 ug/L

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU031445.D

Acq: 23 Apr 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

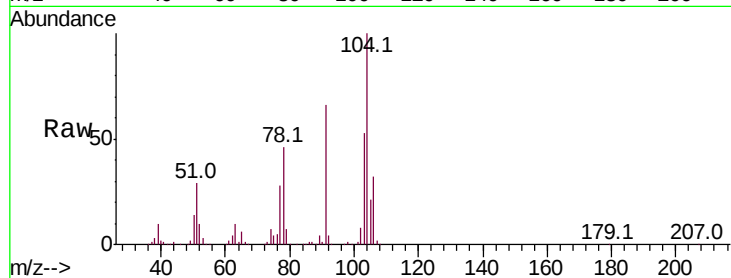
GAHX0DL

Tot Ion:104 Resp: 250474

Ion Ratio Lower Upper

104 100

78 46.3 31.1 57.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

9.79

150000

100000

50000

0

9.70 9.75 9.80 9.85

Time-->

