

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032513.D
 Acq On : 06 Jun 2019 21:32
 Operator : JC/SP
 Sample : K3215-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K9MS

Quant Time: Jun 07 06:57:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 05:48:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	214736	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	199636	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102994	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46726	33.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.08%
7) Chloroethane-d5	1.67	69	42750	38.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.36%
11) 1,1-Dichloroethene-d2	2.27	63	109368	40.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.18%
21) 2-Butanone-d5	4.17	46	111859	95.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.94%
24) Chloroform-d	4.64	84	113612	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.30	65	77928	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
32) Benzene-d6	5.33	84	237559	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.68%
36) 1,2-Dichloropropane-d6	6.32	67	75925	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.44%
41) Toluene-d8	7.56	98	228370	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%
43) trans-1,3-Dichloropropene-	7.85	79	34515	44.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.76%
47) 2-Hexanone-d5	8.31	63	75966	96.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111765	47.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	98330	49.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.68%

Target Compounds

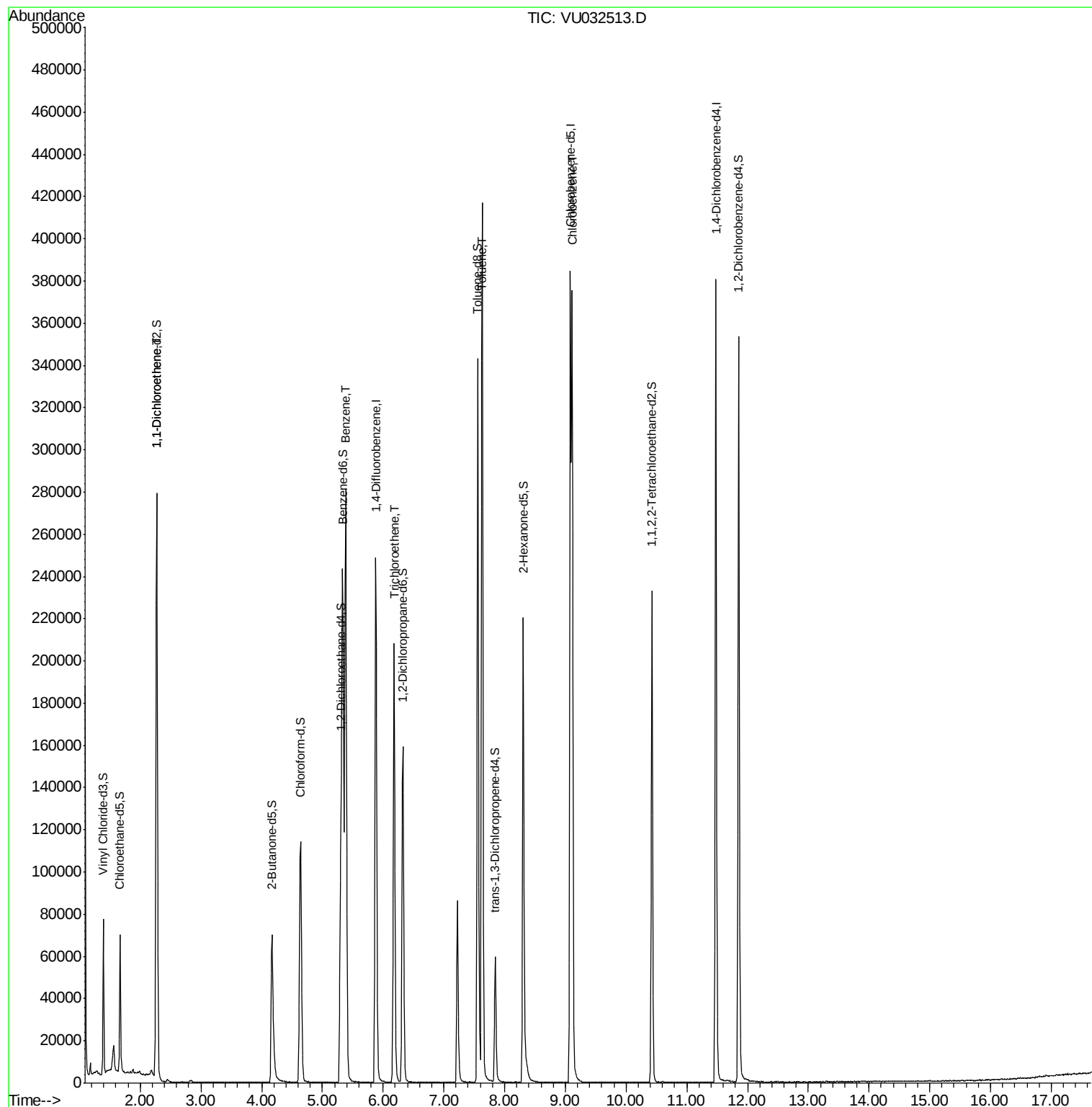
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	60175	47.226	ug/L	83
33) Benzene	5.38	78	275026	49.032	ug/L	100
34) Trichloroethene	6.18	95	71294	46.718	ug/L	99
42) Toluene	7.63	91	300448	48.910	ug/L	98
51) Chlorobenzene	9.11	112	193602	48.918	ug/L	99

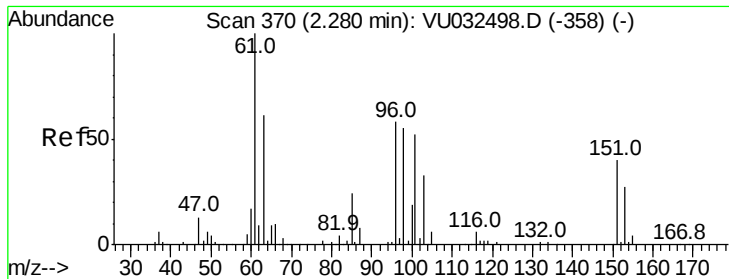
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU060619\
Data File : VU032513.D
Acq On : 06 Jun 2019 21:32
Operator : JC/SP
Sample : K3215-02MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8K9MS

Quant Time: Jun 07 06:57:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 05:48:54 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 47.226 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032513.D

Acq: 06 Jun 2019 21:32

Instrument :

MSVOA_U

ClientSampleId :

DB8K9MS

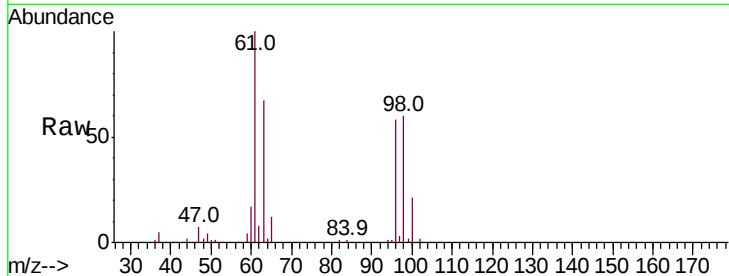
Tot Ion: 96 Resp: 60175

Ion Ratio Lower Upper

96 100

61 171.0 129.5 240.5

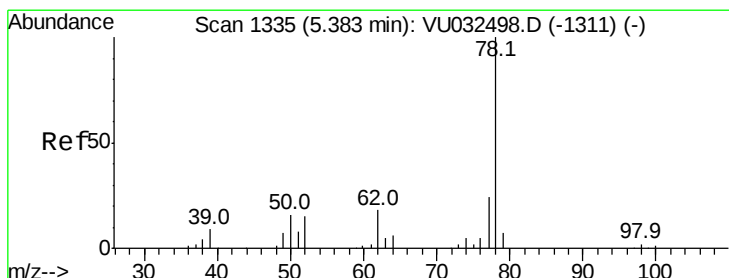
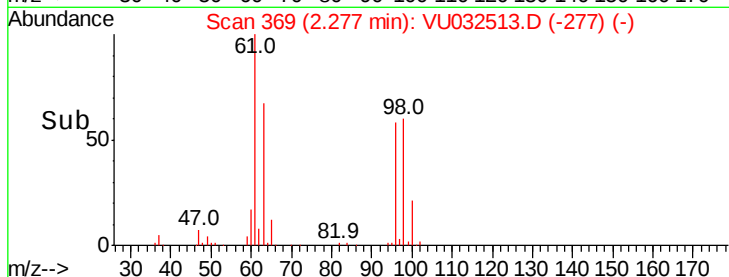
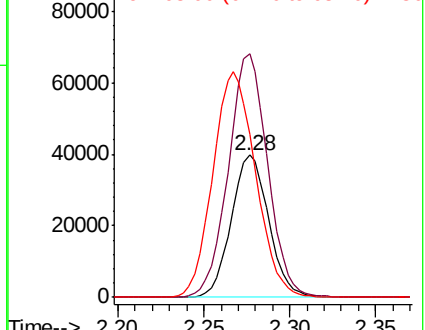
63 114.5 103.4 192.0



Abundance Ion 96.00 (95.70 to 96.70): VU032513.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU032513.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032513.D (-277) (-)



#33

Benzene

Concen: 49.032 ug/L

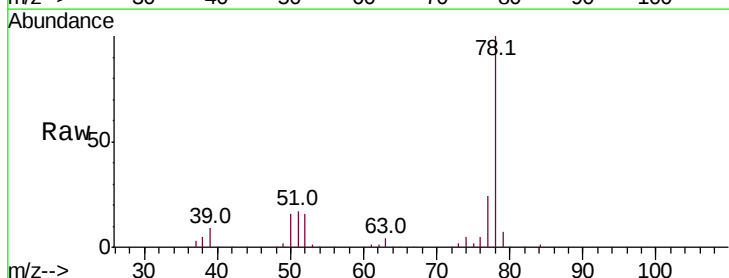
RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

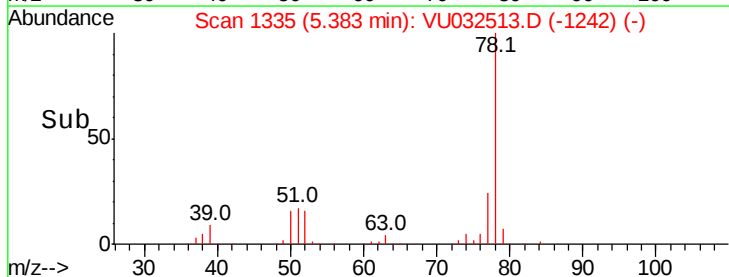
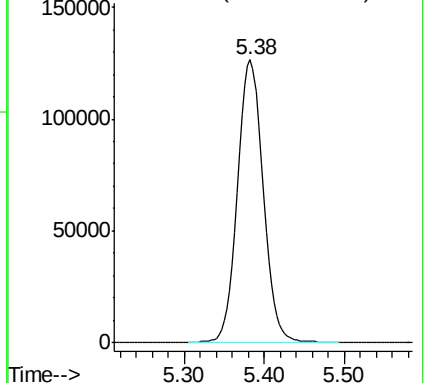
Lab File: VU032513.D

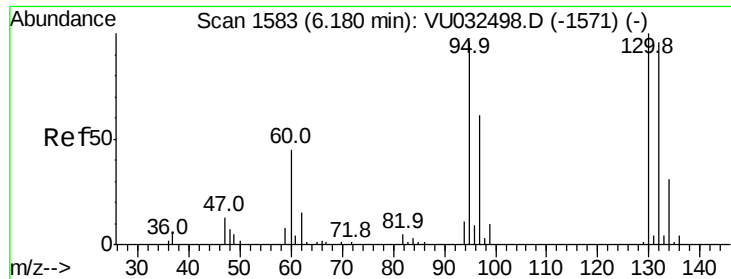
Acq: 06 Jun 2019 21:32

Tgt Ion: 78 Resp: 275026



Abundance Ion 78.00 (77.70 to 78.70): VU032513.D (-1242) (-)





#34

Trichloroethene

Concen: 46.718 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032513.D

Acq: 06 Jun 2019 21:32

Instrument :

MSVOA_U

ClientSampleId :

DB8K9MS

Tot Ion: 95 Resp: 71294

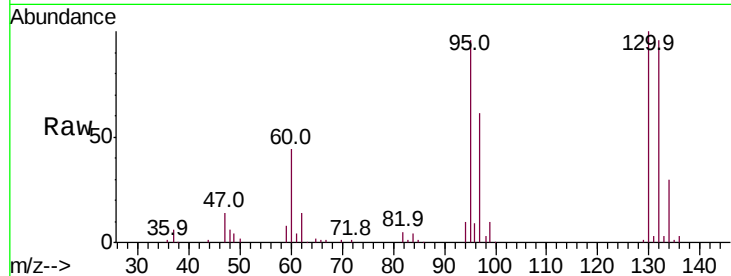
Ion Ratio Lower Upper

95 100

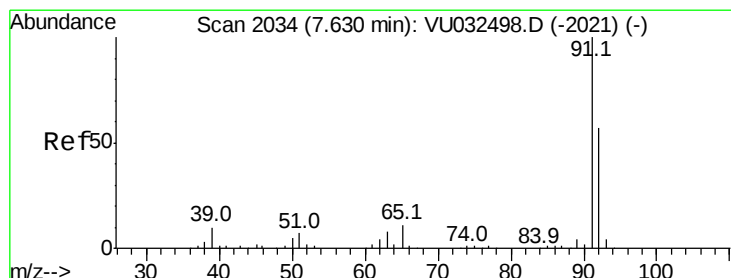
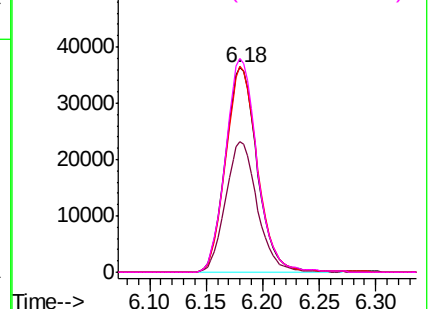
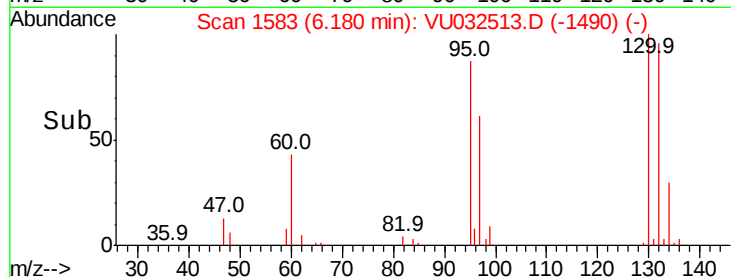
97 64.1 45.8 85.2

132 100.5 71.0 131.8

130 104.5 73.4 136.2



Abundance Ion 95.00 (94.70 to 95.70): VU032513.D (-1490) (-)



#42

Toluene

Concen: 48.910 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032513.D

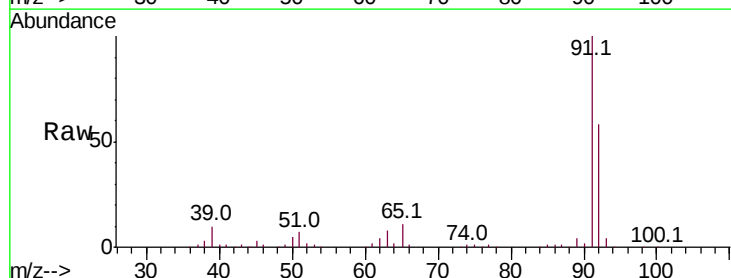
Acq: 06 Jun 2019 21:32

Tgt Ion: 91 Resp: 300448

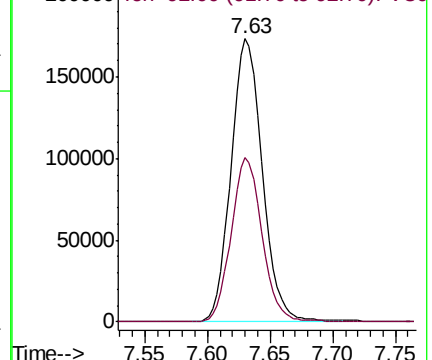
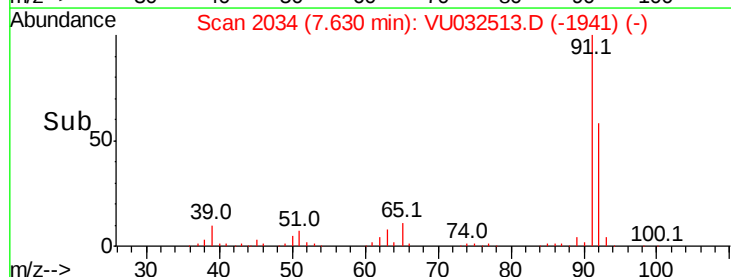
Ion Ratio Lower Upper

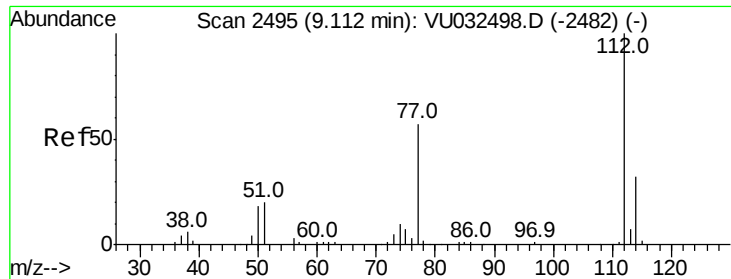
91 100

92 57.9 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU032513.D (-1941) (-)





#51
 Chlorobenzene
 Concen: 48.918 ug/L
 RT: 9.11 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: VU032513.D
 Acq: 06 Jun 2019 21:32

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8K9MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.6	42.0
77	56.9	46.1	69.1

