

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052919\
 Data File : VU032368.D
 Acq On : 29 May 2019 18:59
 Operator : JC/SP
 Sample : K3045-08DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C52DL

Quant Time: May 30 09:12:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	413867	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	403326	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	196360	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	118487	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.68	69	106852	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.27	63	176659	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	4.20	46	339322	51.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	4.64	84	233238	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
26) 1,2-Dichloroethane-d4	5.31	65	123675	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
32) Benzene-d6	5.33	84	506842	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.33	67	156840	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.56	98	455362	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	7.85	79	56263	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.31	63	262904	48.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127664	3.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	187949	3.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.40%#

Target Compounds

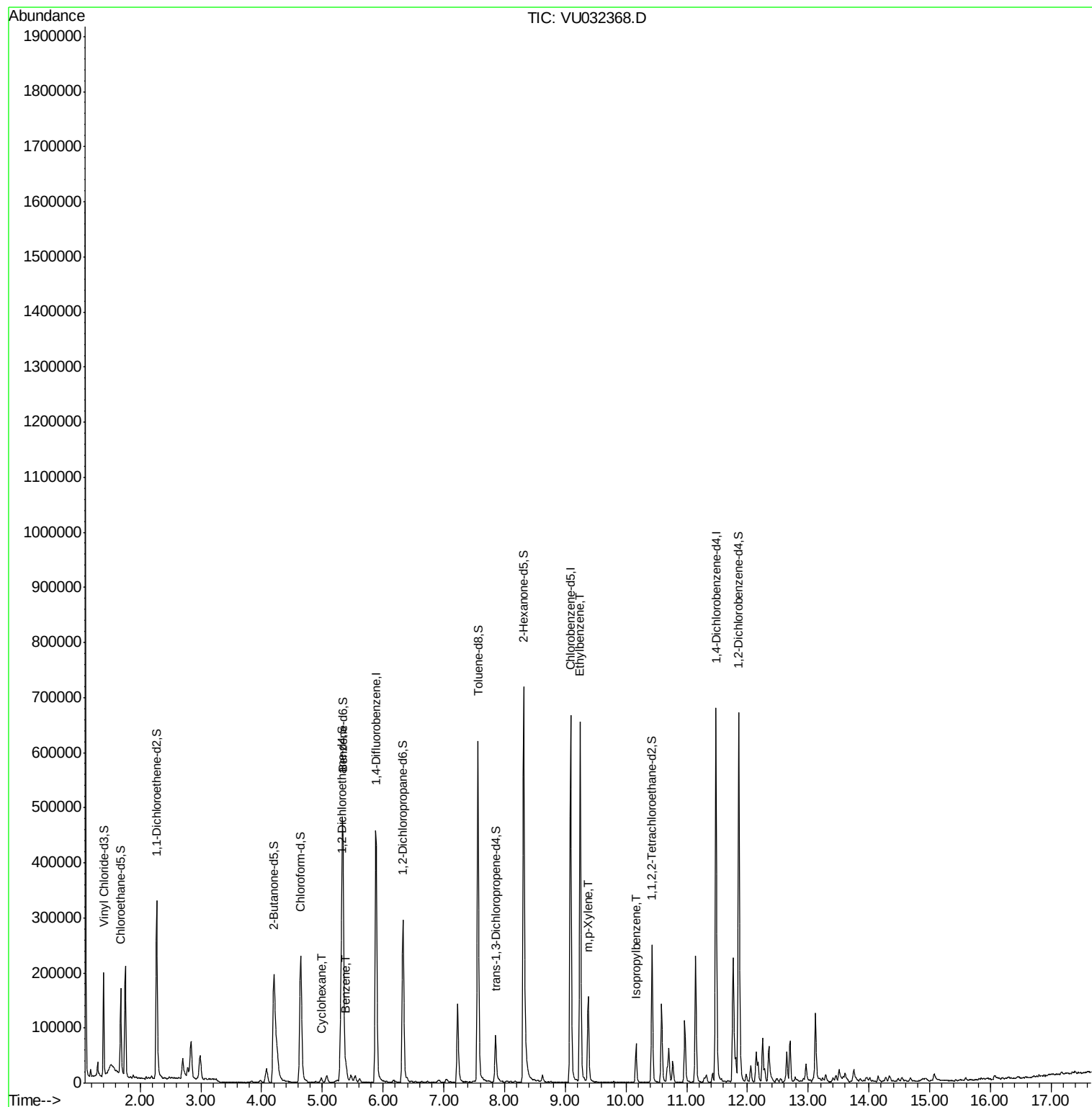
				Ovalue	
30) Cyclohexane	4.98	56	3805	0.194 ug/L	# 92
33) Benzene	5.39	78	30172	0.553 ug/L	100
52) Ethylbenzene	9.24	91	478332	8.197 ug/L	97
53) m,p-Xylene	9.38	106	44049	2.030 ug/L	95
56) Isopropylbenzene	10.16	105	45555	0.831 ug/L	98

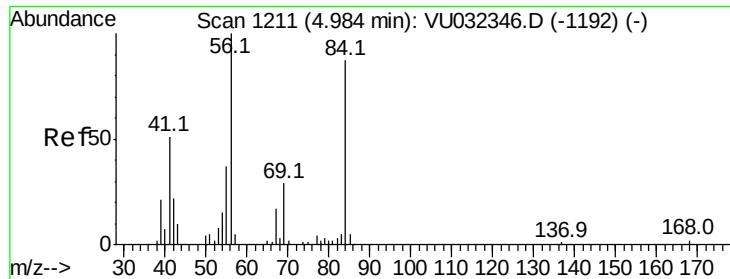
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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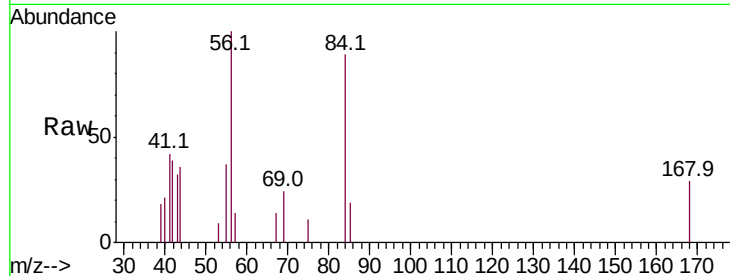




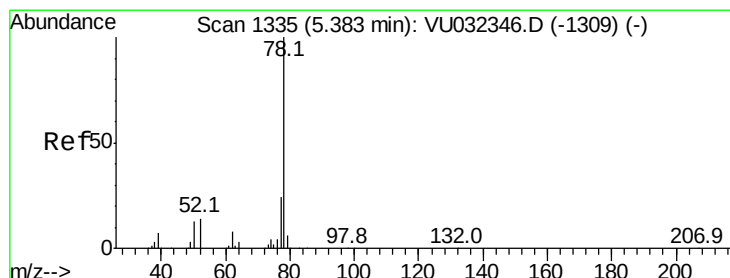
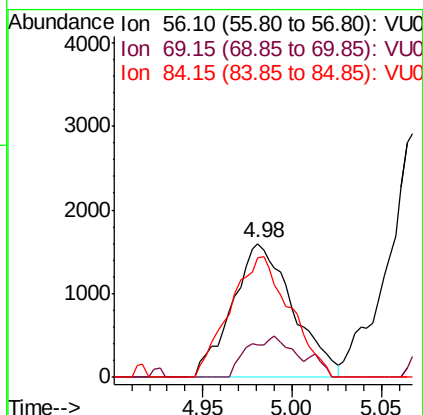
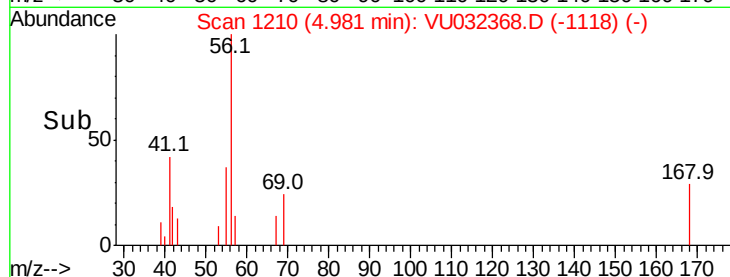
#30
Cyclohexane
Concen: 0.194 ug/L
RT: 4.98 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU032368.D
Acq: 29 May 2019 18:59

Instrument :
MSVOA_U
ClientSampleId :
C0C52DL

Tot Ion: 56 Resp: 3805
Ion Ratio Lower Upper
56 100
69 22.8 26.6 39.8#
84 89.4 75.0 112.6

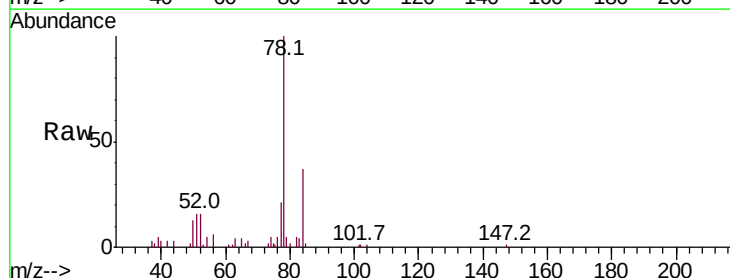


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

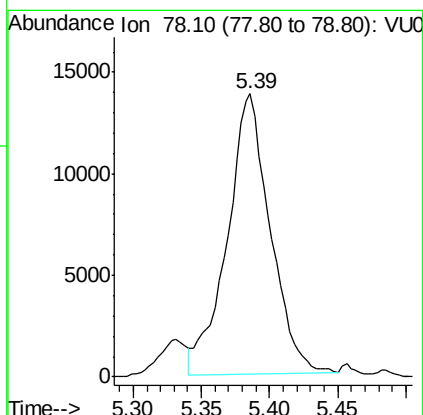
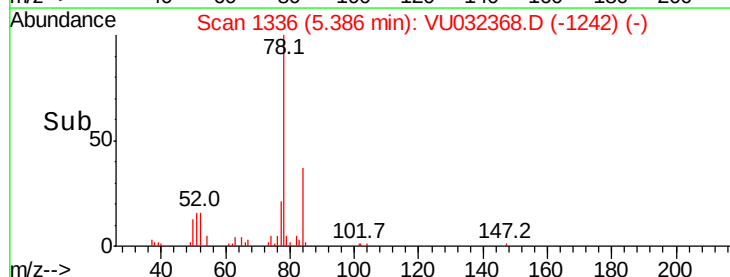


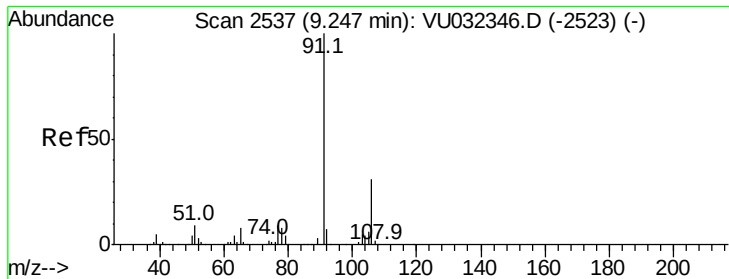
#33
Benzene
Concen: 0.553 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU032368.D
Acq: 29 May 2019 18:59

Tgt Ion: 78 Resp: 30172



Abundance Ion 78.10 (77.80 to 78.80): VU0





#52

Ethylbenzene

Concen: 8.197 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032368.D

Acq: 29 May 2019 18:59

Instrument :

MSVOA_U

ClientSampleId :

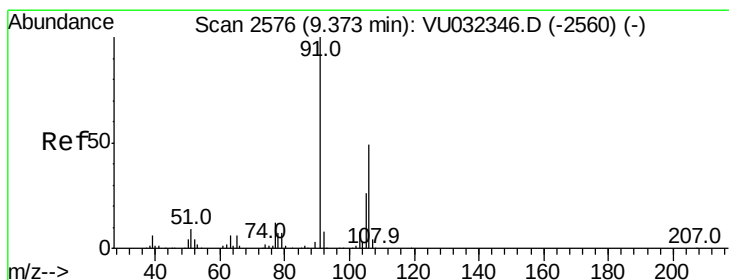
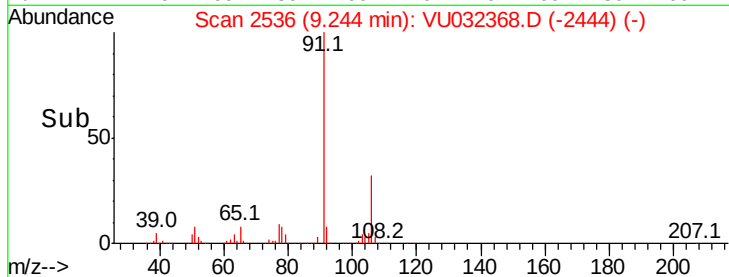
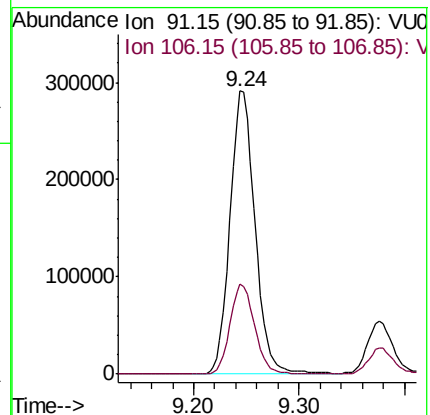
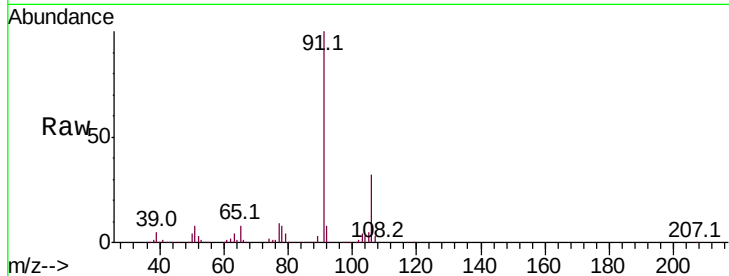
C0C52DL

Tot Ion: 91 Resp: 478332

Ion Ratio Lower Upper

91 100

106 31.7 20.9 38.9



#53

m,p-Xylene

Concen: 2.030 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU032368.D

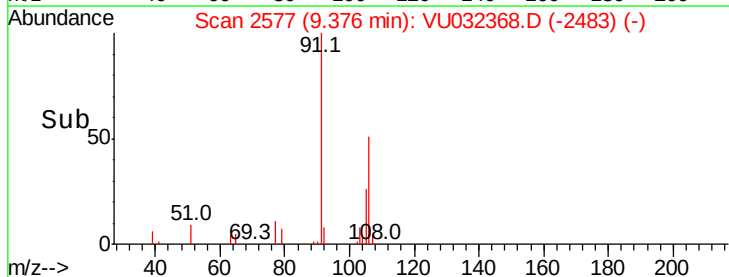
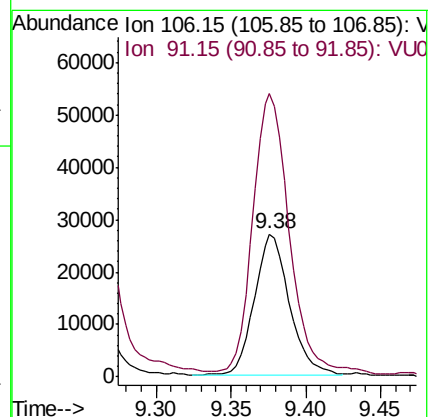
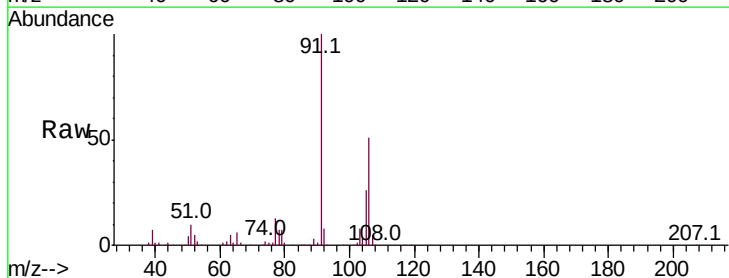
Acq: 29 May 2019 18:59

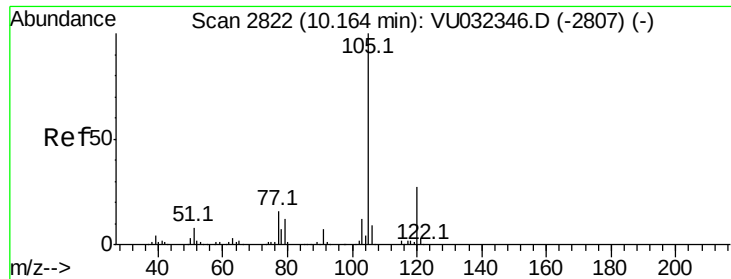
Tgt Ion: 106 Resp: 44049

Ion Ratio Lower Upper

106 100

91 197.7 143.9 267.2

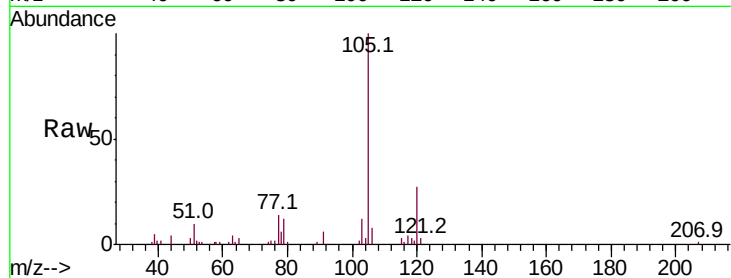




#56
Isopropylbenzene
Concen: 0.831 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU032368.D
Acq: 29 May 2019 18:59

Instrument :
MSVOA_U
ClientSampleId :
C0C52DL

Tot Ion:	105	Resp:	45555
Ion	Ratio	Lower	Upper
105	100		
120	25.3	21.0	31.6
77	15.3	11.9	17.9



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

