

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053019\
 Data File : VU032388.D
 Acq On : 30 May 2019 17:45
 Operator : JC/SP
 Sample : K3081-05DL 20X
 Misc : 5.39g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALD5DL

Quant Time: May 31 05:57:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 04:34:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	804156	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	806643	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	406580	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	217470	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.38%
7) Chloroethane-d5	1.67	69	203774	42.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.14%
11) 1,1-Dichloroethene-d2	2.26	63	328717	31.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.44%
21) 2-Butanone-d5	4.17	46	388769	99.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.66%
24) Chloroform-d	4.64	84	454125	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.30	65	284422	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
32) Benzene-d6	5.33	84	964034	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
36) 1,2-Dichloropropane-d6	6.32	67	300323	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.46%
41) Toluene-d8	7.56	98	923094	46.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.52%
43) trans-1,3-Dichloropropene-	7.85	79	132400	44.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.06%
47) 2-Hexanone-d5	8.31	63	319808	116.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	470027	46.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	398187	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%

Target Compounds

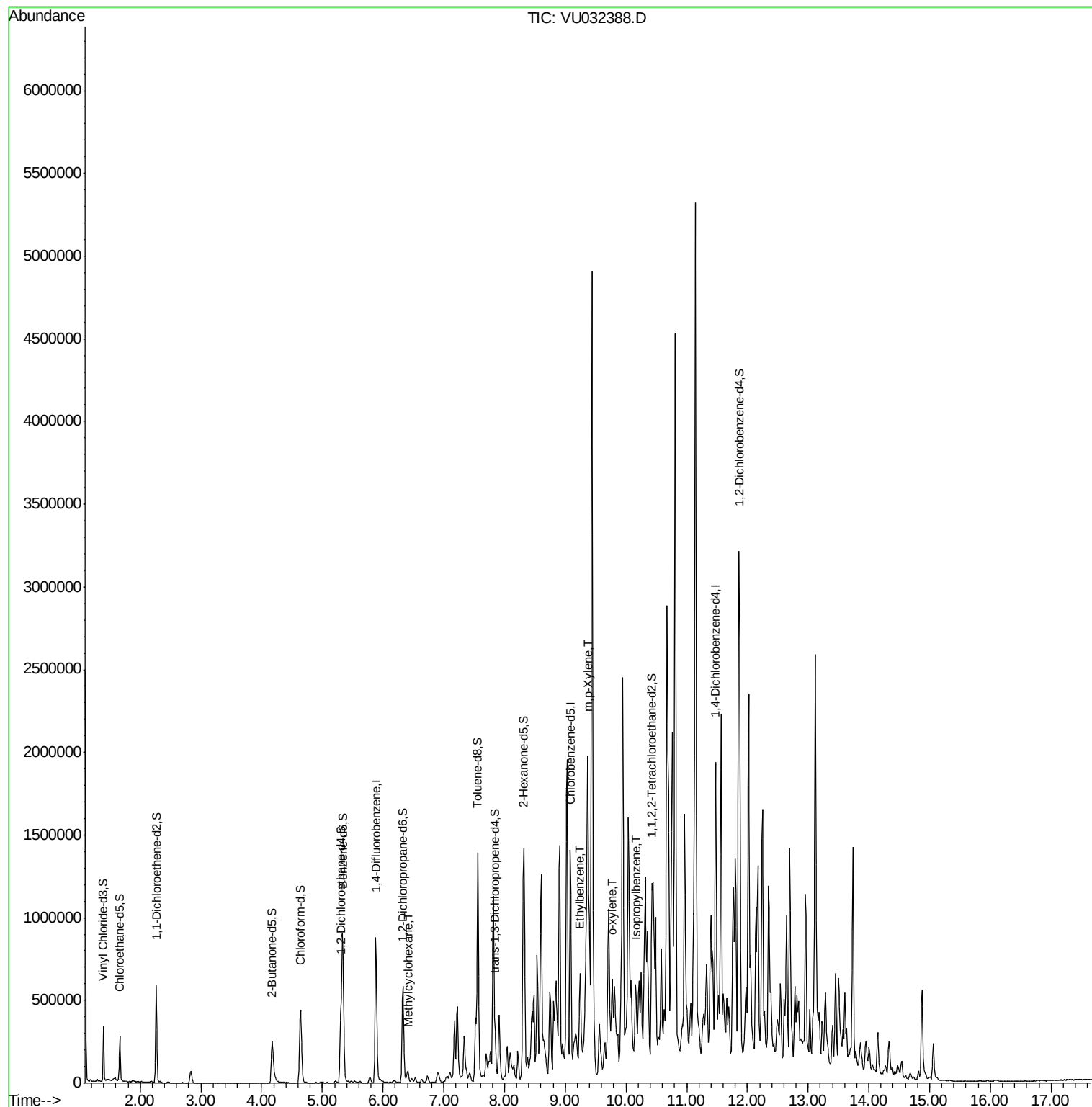
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
35) Methylcyclohexane	6.41	83	30068	3.393	ug/L	88
52) Ethylbenzene	9.25	91	229977	8.765	ug/L	99
53) m,p-Xylene	9.37	106	469356	46.496	ug/L	99
54) o-xylene	9.77	106	137383	13.560	ug/L	99
56) Isopropylbenzene	10.16	105	156159	6.074	ug/L	98

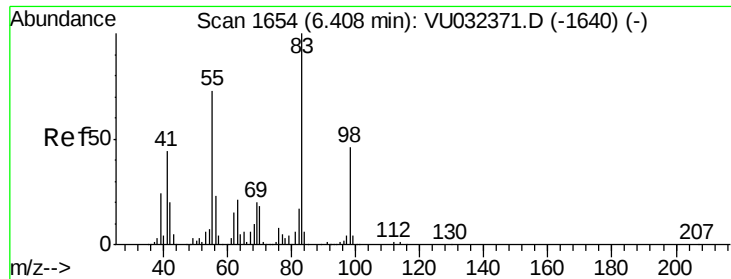
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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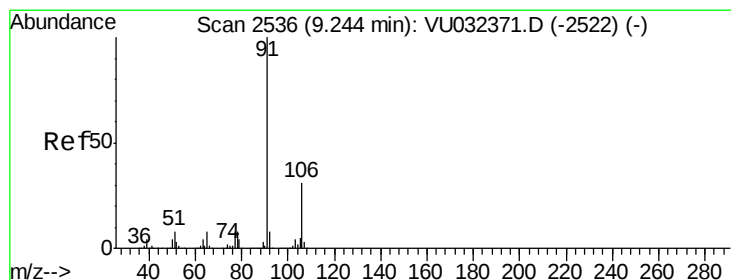
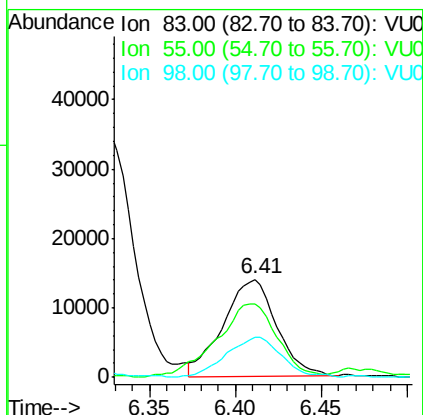
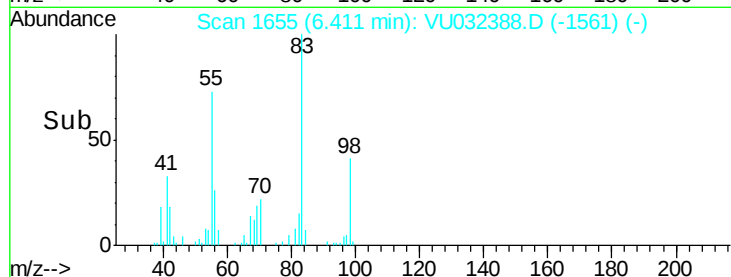
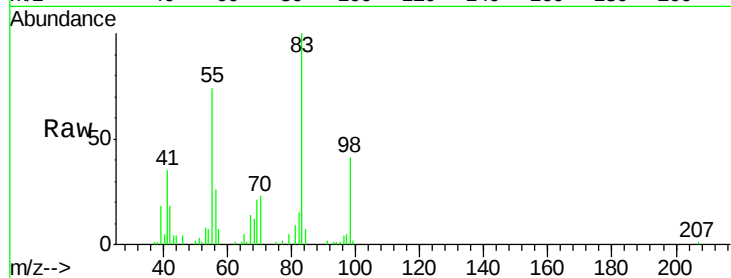




#35
Methvlcvclohexane
Concen: 3.393 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU032388.D
Acq: 30 May 2019 17:45

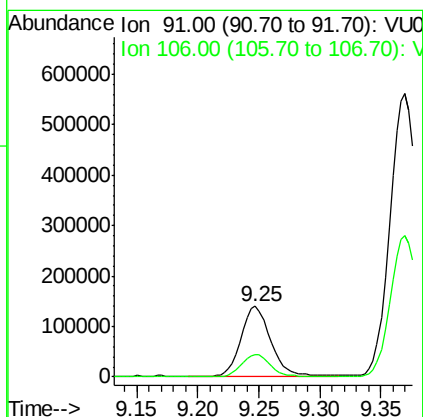
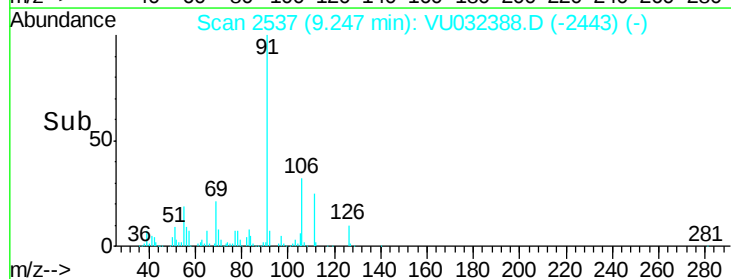
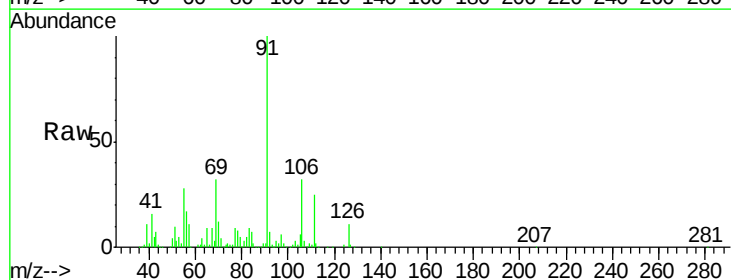
Instrument :
MSVOA_U
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GALD5DL

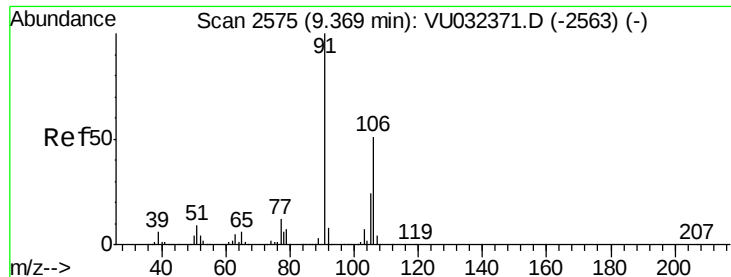
Tot Ion: 83 Resp: 30068
Ion Ratio Lower Upper
83 100
55 86.9 59.4 89.0
98 42.3 37.1 55.7



#52
Ethylbenzene
Concen: 8.765 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU032388.D
Acq: 30 May 2019 17:45

Tgt Ion: 91 Resp: 229977
Ion Ratio Lower Upper
91 100
106 31.7 22.0 40.8





#53

m,p-Xylene

Concen: 46.496 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. 0.00 min

Lab File: VU032388.D

Acq: 30 May 2019 17:45

Instrument :

MSVOA_U

ClientSampleId :

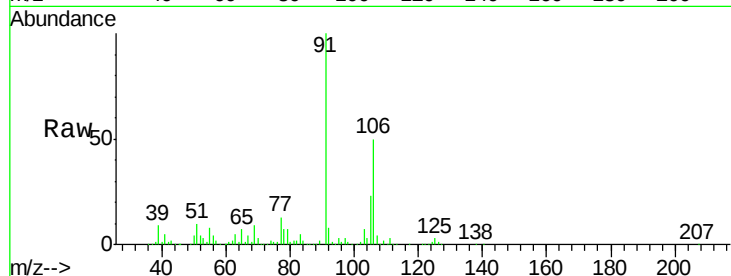
GALD5DL

Tot Ion:106 Resp: 469356

Ion Ratio Lower Upper

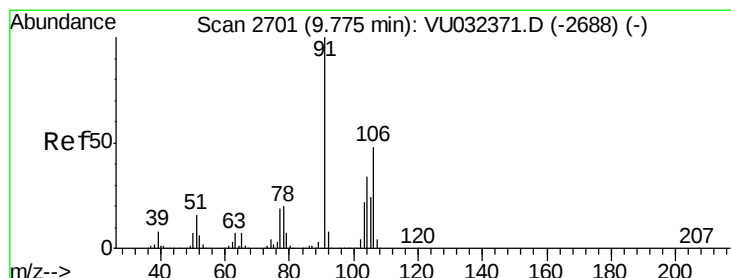
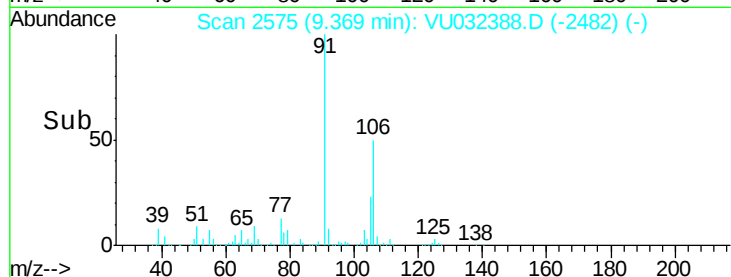
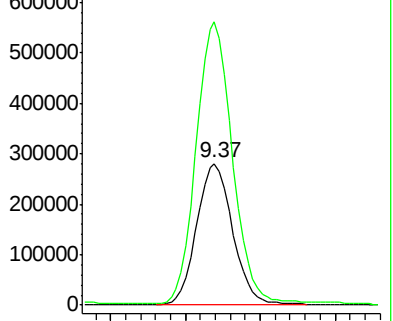
106 100

91 200.3 138.8 257.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 13.560 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU032388.D

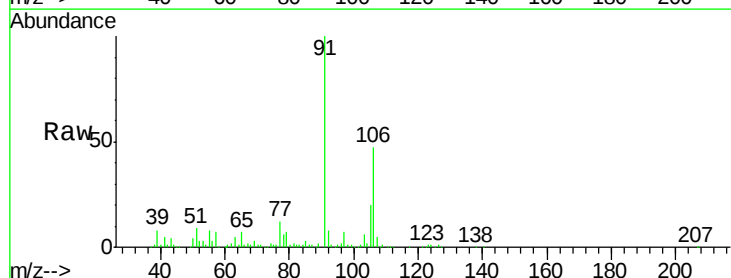
Acq: 30 May 2019 17:45

Tgt Ion:106 Resp: 137383

Ion Ratio Lower Upper

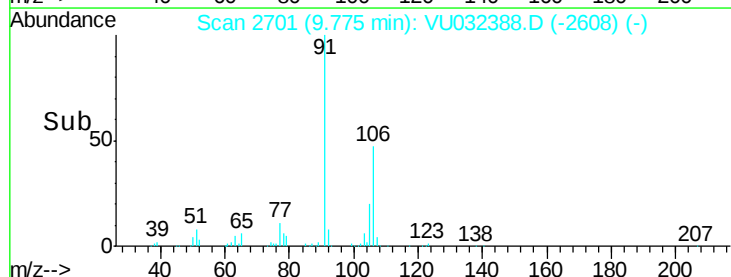
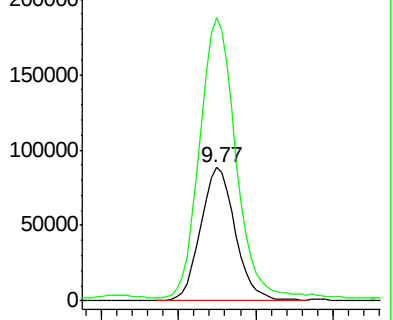
106 100

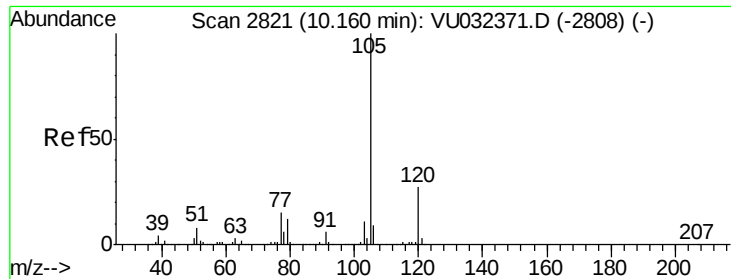
91 212.5 147.5 273.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 6.074 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU032388.D

Acq: 30 May 2019 17:45

Instrument :

MSVOA_U

ClientSampleId :

GALD5DL

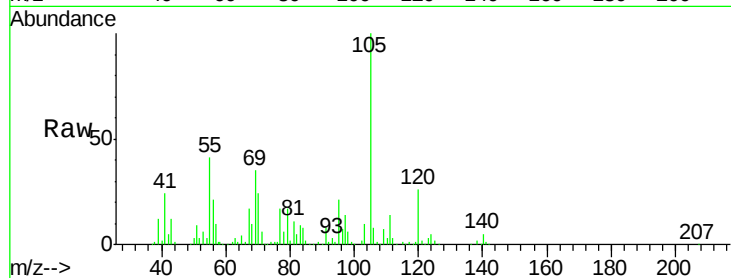
Tot Ion:105 Resp: 156159

Ion Ratio Lower Upper

105 100

120 25.1 21.0 31.4

77 15.8 11.8 17.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

