

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018293.D
 Acq On : 17 Sep 2020 20:37
 Operator : SY/MD
 Sample : L4043-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE4

Quant Time: Sep 18 06:21:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283834	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283952	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134427	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76726	33.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.34%
7) Chloroethane-d5	1.58	69	68407	36.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.28%
11) 1,1-Dichloroethene-d2	2.12	63	117703	27.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.48%#
21) 2-Butanone-d5	3.92	46	115816	81.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.80%
24) Chloroform-d	4.38	84	157899	39.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.68%
26) 1,2-Dichloroethane-d4	5.06	65	107555	41.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.62%
32) Benzene-d6	5.08	84	316283	38.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.82%
36) 1,2-Dichloropropane-d6	6.09	67	104040	40.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.56%
41) Toluene-d8	7.34	98	279125	37.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.36%#
43) trans-1,3-Dichloropropene-	7.64	79	49477	37.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.40%
47) 2-Hexanone-d5	8.11	63	81619	83.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137778	42.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	121894	44.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.30%

Target Compounds

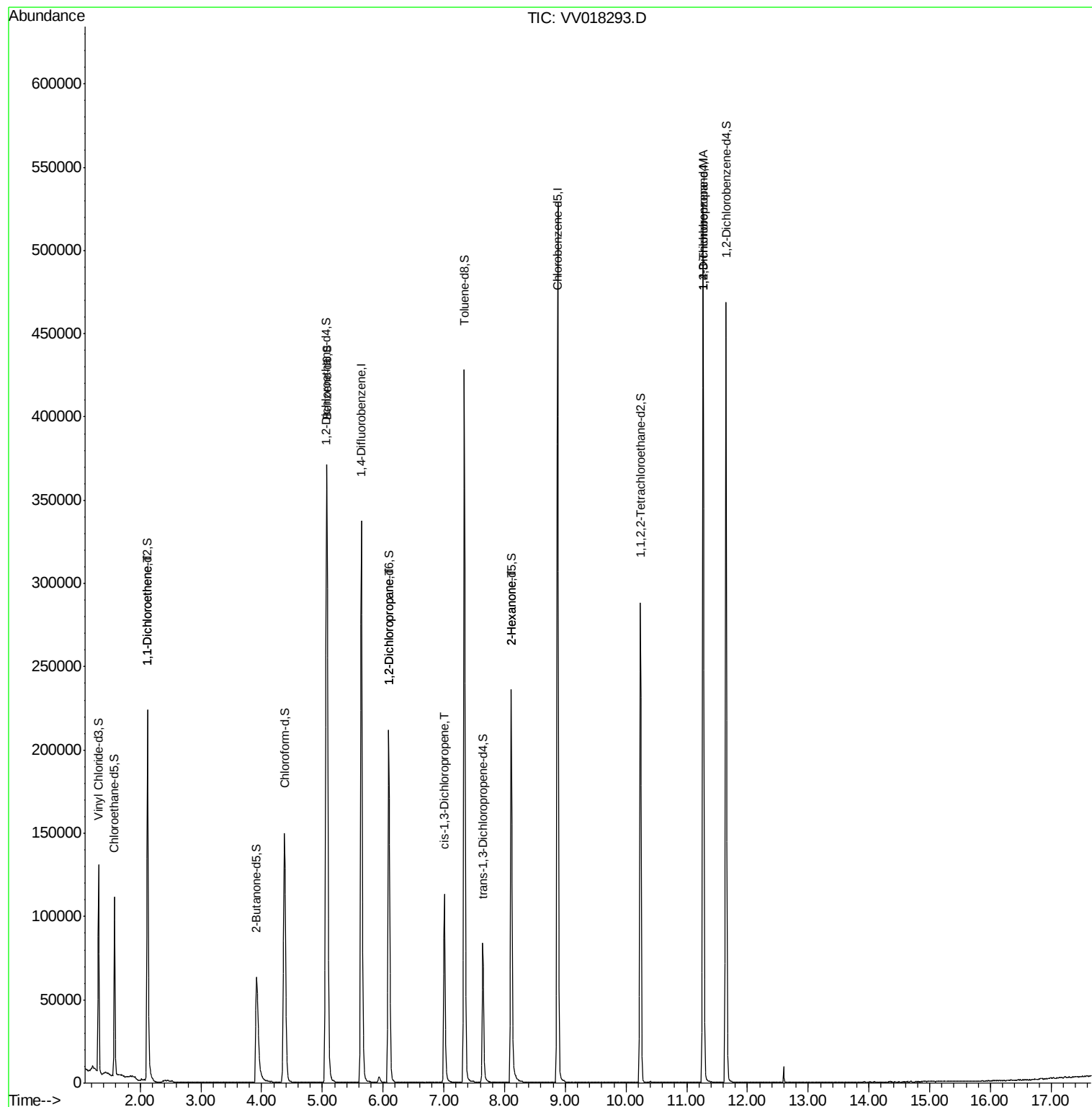
					Ovalue
12) 1,1-Dichloroethene	2.13	96	2029	1.089 ug/L #	1
37) 1,2-Dichloropropane	6.09	63	11025	5.125 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2588	0.781 ug/L #	50
48) 2-Hexanone	8.11	43	10343	5.027 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	15200	6.007 ug/L	90

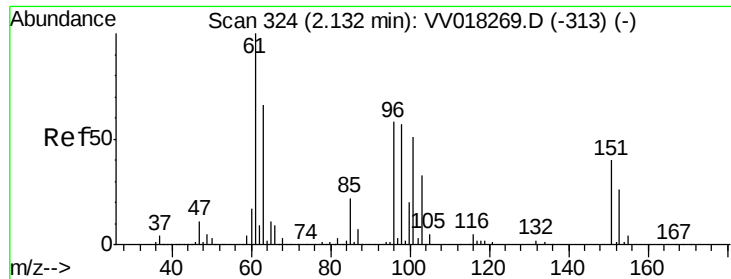
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.089 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018293.D

Acq: 17 Sep 2020 20:37

Instrument :

MSVOA_V

ClientSampleId :

C0AE4

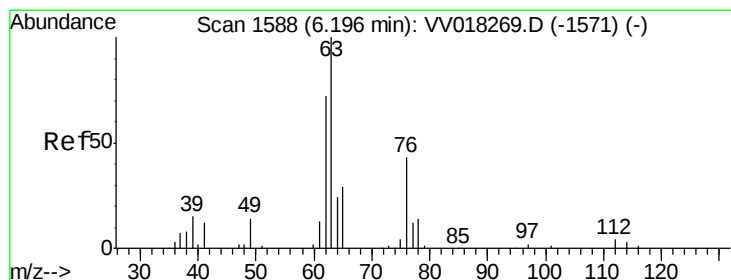
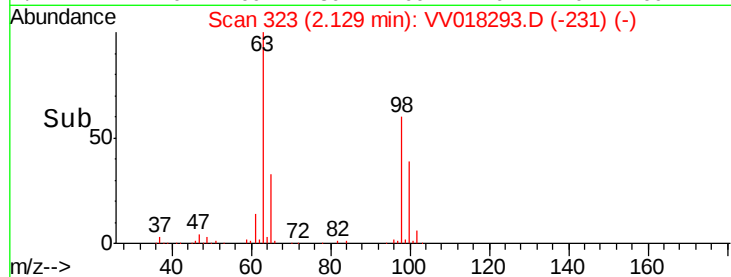
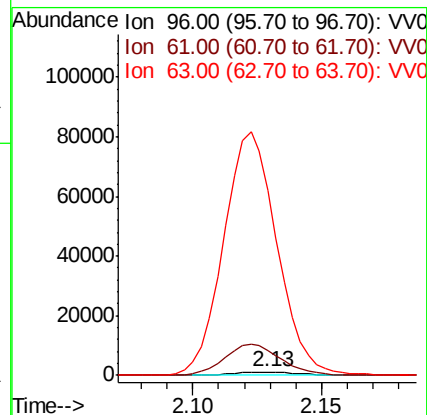
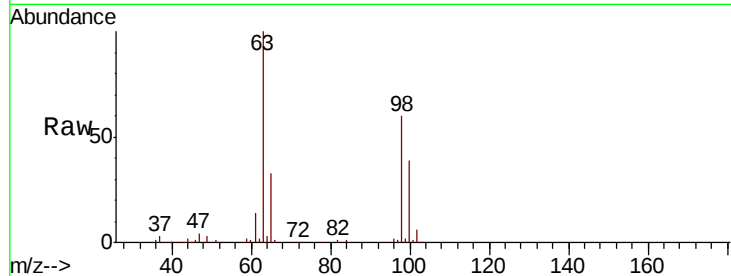
Tot Ion: 96 Resp: 2029

Ion Ratio Lower Upper

96 100

61 708.3 122.9 228.3#

63 5173.3 91.9 170.7#



#37

1,2-Dichloropropane

Concen: 5.125 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018293.D

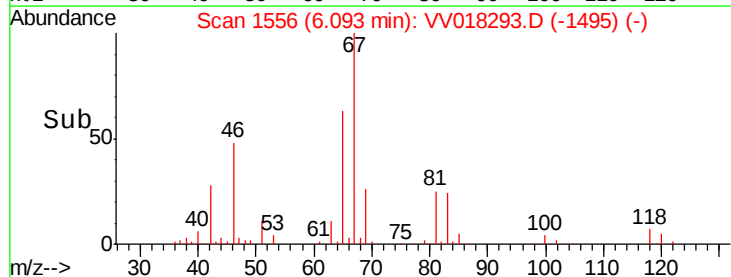
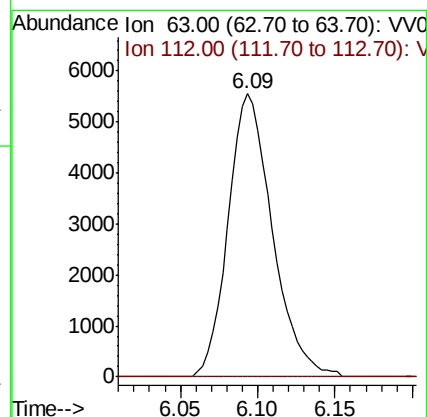
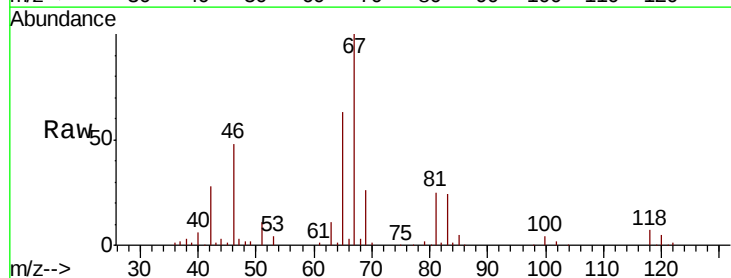
Acq: 17 Sep 2020 20:37

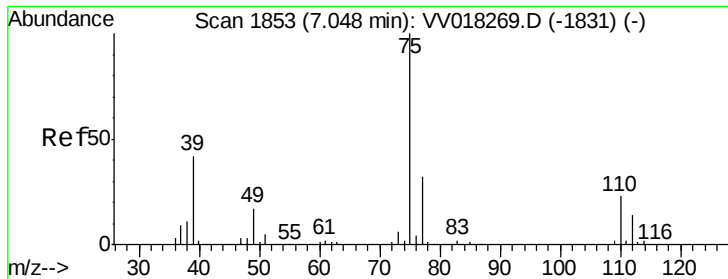
Tgt Ion: 63 Resp: 11025

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

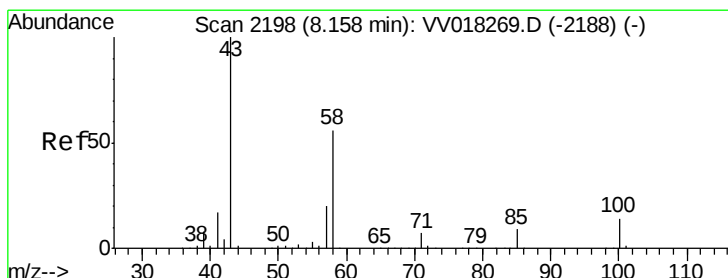
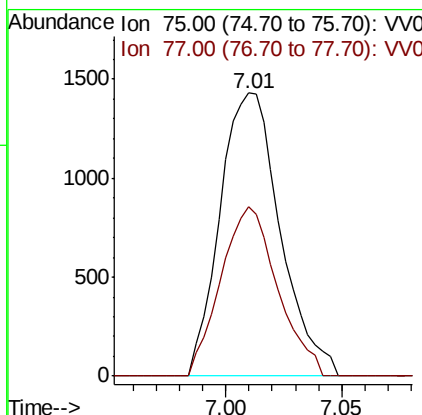
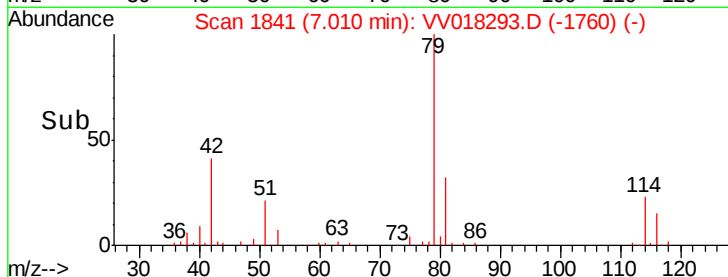
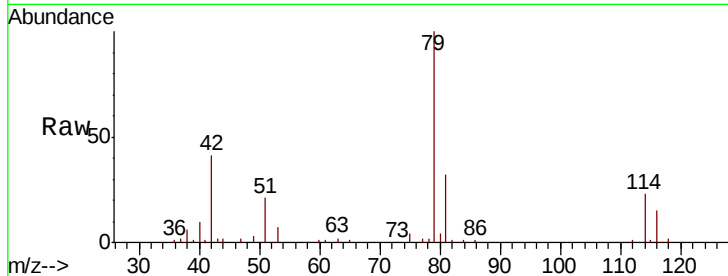




#39
 cis-1,3-Dichloropropene
 Concen: 0.781 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018293.D
 Acq: 17 Sep 2020 20:37

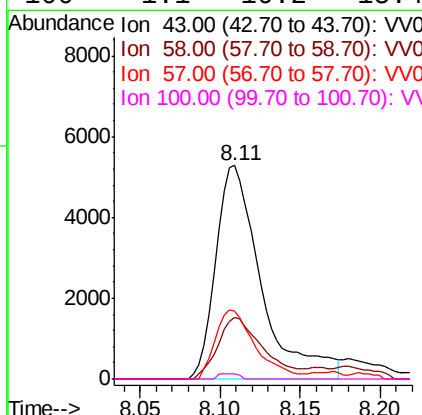
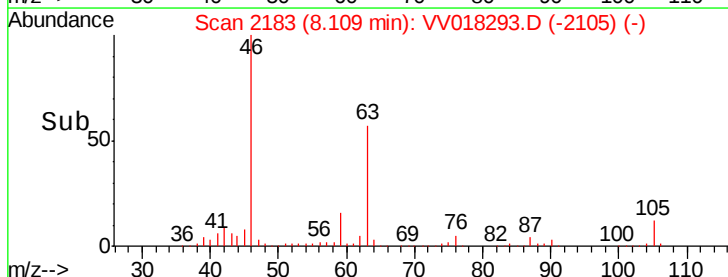
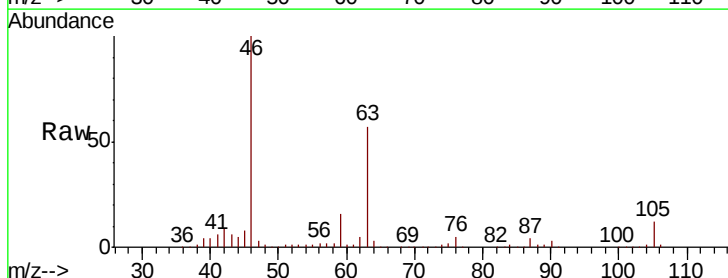
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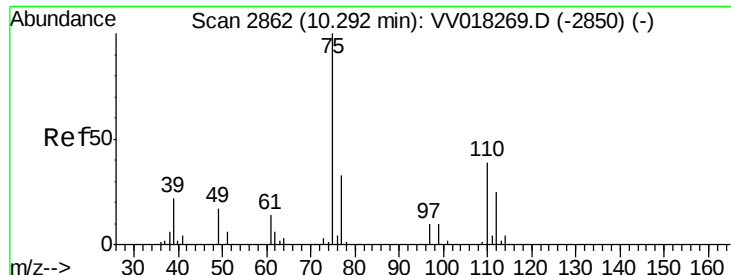
Tot Ion: 75 Resp: 2588
 Ion Ratio Lower Upper
 75 100
 77 59.7 22.3 41.3#



#48
 2-Hexanone
 Concen: 5.027 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018293.D
 Acq: 17 Sep 2020 20:37

Tgt Ion: 43 Resp: 10343
 Ion Ratio Lower Upper
 43 100
 58 28.6 44.8 67.2#
 57 28.4 15.8 23.6#
 100 1.1 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.007 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018293.D

Acq: 17 Sep 2020 20:37

Instrument :

MSVOA_V

ClientSampleId :

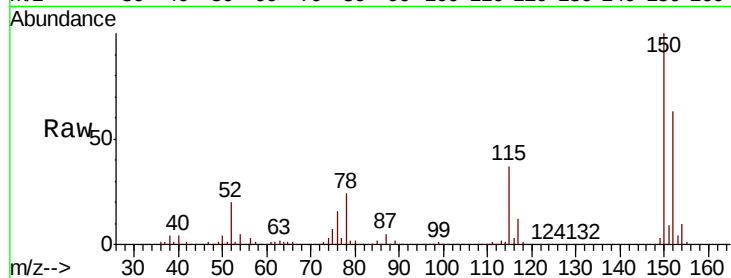
C0AE4

Tot Ion: 75 Resp: 15200

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

