

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018304.D
 Acq On : 18 Sep 2020 01:08
 Operator : SY/MD
 Sample : L4043-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG4

Quant Time: Sep 18 08:07:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 08:05:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284545	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283089	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135652	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71124	30.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.34%
7) Chloroethane-d5	1.58	69	65039	34.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.56%#
11) 1,1-Dichloroethene-d2	2.12	63	111730	26.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.54%#
21) 2-Butanone-d5	3.92	46	116708	82.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.23%
24) Chloroform-d	4.38	84	155043	38.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.08%
26) 1,2-Dichloroethane-d4	5.06	65	104725	40.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.22%
32) Benzene-d6	5.08	84	307530	37.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.90%
36) 1,2-Dichloropropane-d6	6.09	67	100232	38.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.84%
41) Toluene-d8	7.34	98	268812	36.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.80%#
43) trans-1,3-Dichloropropene-	7.64	79	46538	35.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.14%
47) 2-Hexanone-d5	8.11	63	79415	81.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133281	41.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	119972	43.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.12%

Target Compounds

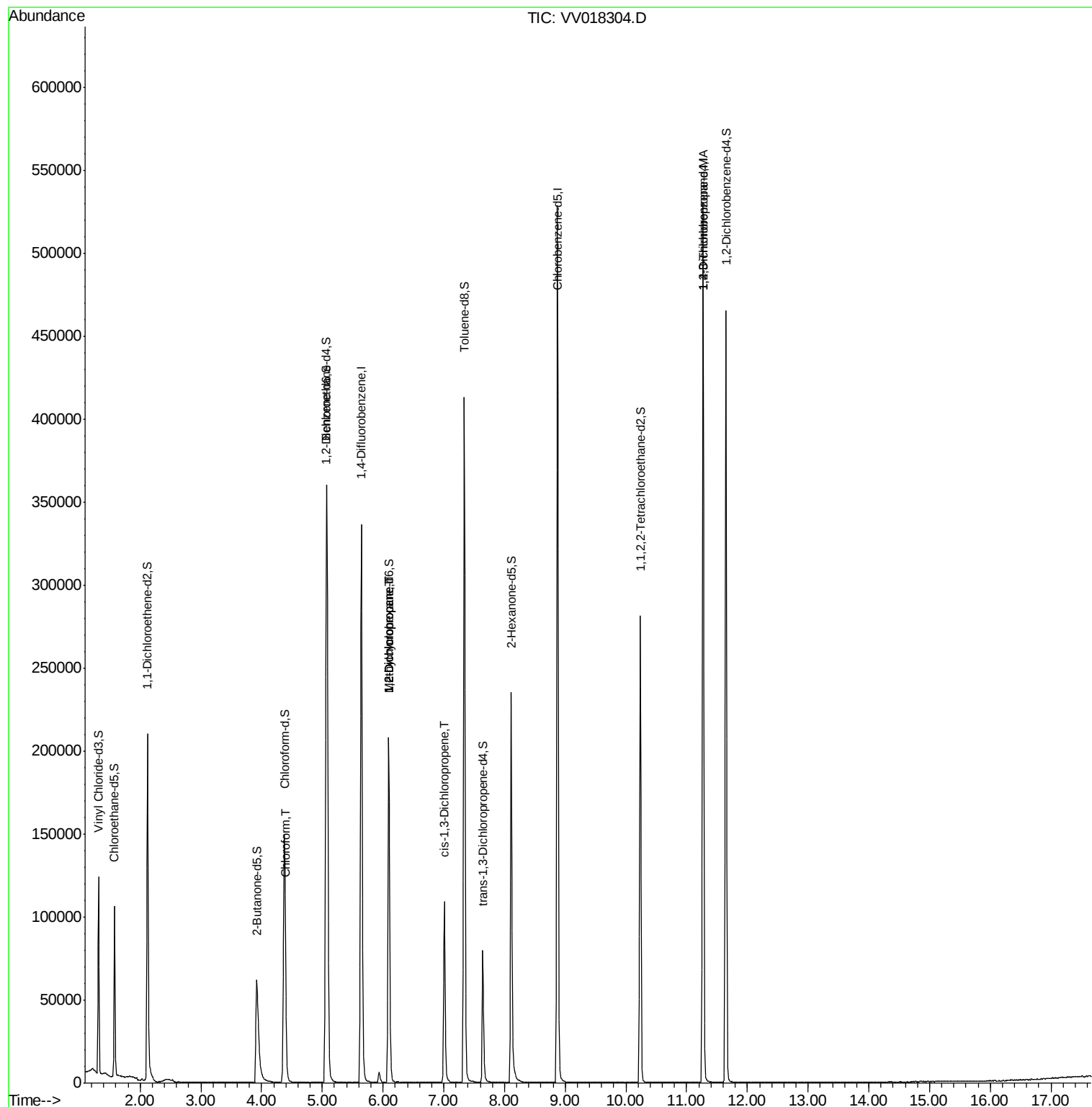
					Ovalue
25) Chloroform	4.40	83	3334	0.901 ug/L	99
35) Methylcyclohexane	6.09	83	24662	7.429 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11005	5.131 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2674	0.809 ug/L #	61
59) 1,2,3-Trichloropropane	11.27	75	15515	6.150 ug/L	92

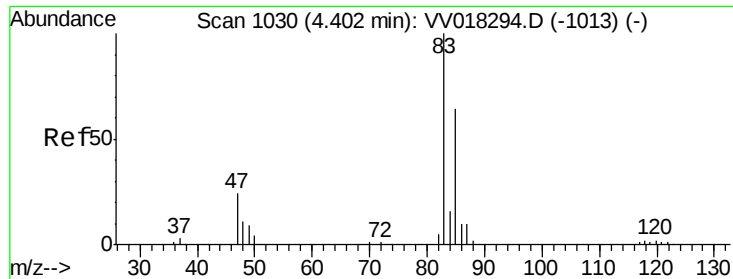
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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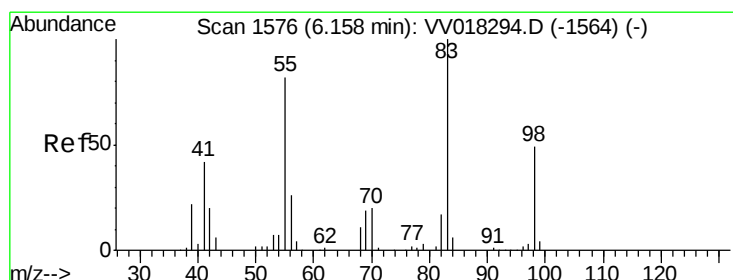
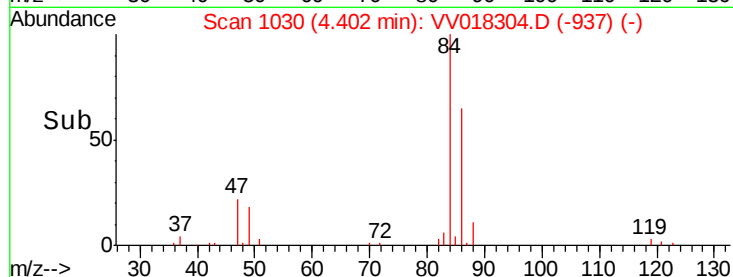
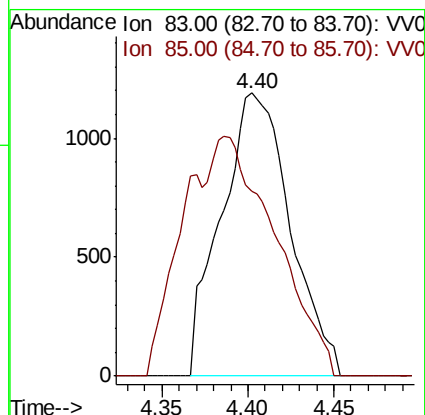
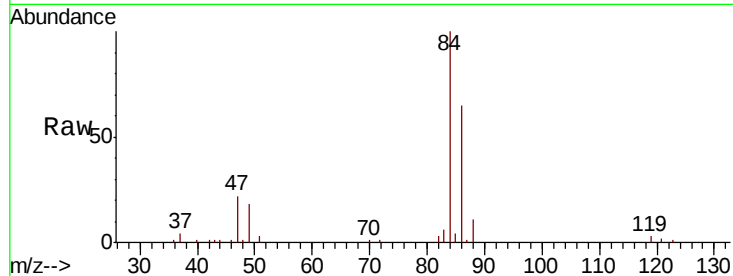




#25
Chloroform
Concen: 0.901 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV018304.D
Acq: 18 Sep 2020 01:08

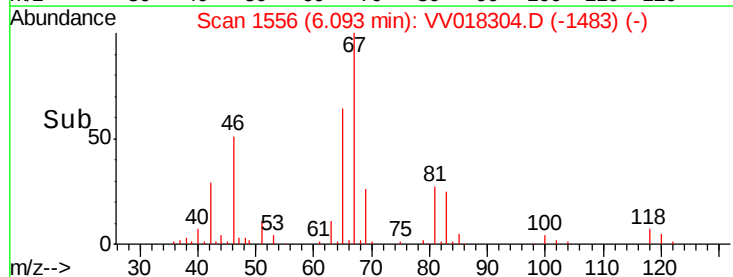
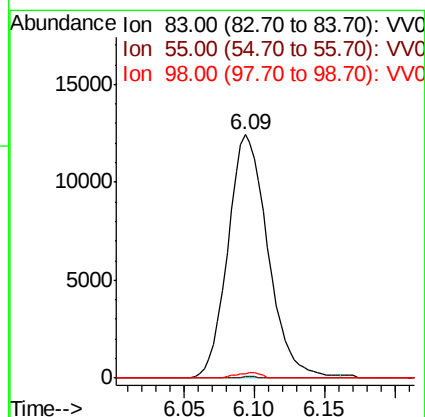
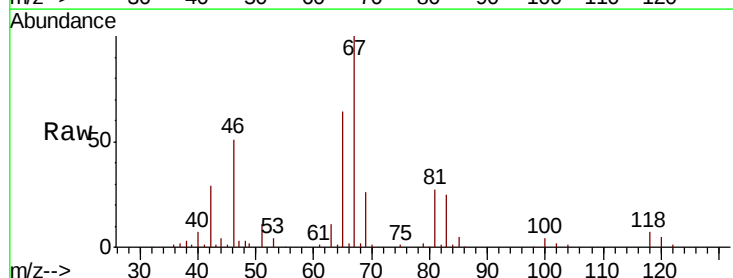
Instrument :
MSVOA_V
ClientSampleId :
C0AG4

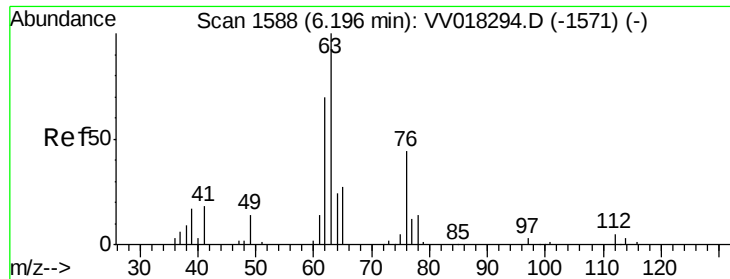
Tot Ion: 83 Resp: 3334
Ion Ratio Lower Upper
83 100
85 65.5 45.0 83.6



#35
Methylcyclohexane
Concen: 7.429 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018304.D
Acq: 18 Sep 2020 01:08

Tgt Ion: 83 Resp: 24662
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.3 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 5.131 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018304.D

Acq: 18 Sep 2020 01:08

Instrument :

MSVOA_V

ClientSampleId :

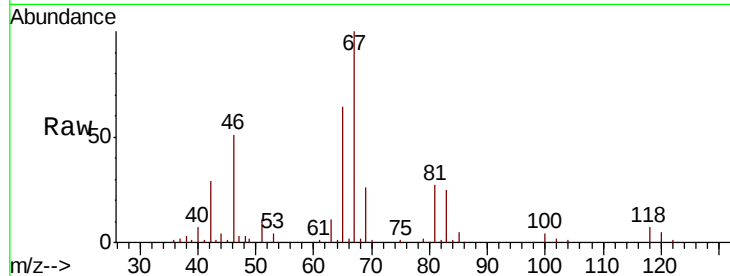
C0AG4

Tot Ion: 63 Resp: 11005

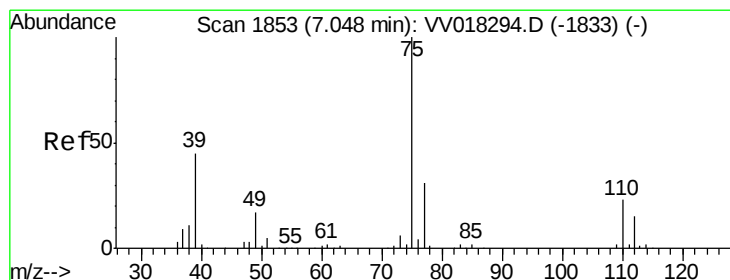
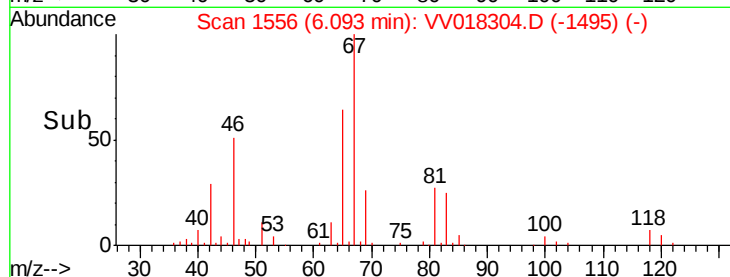
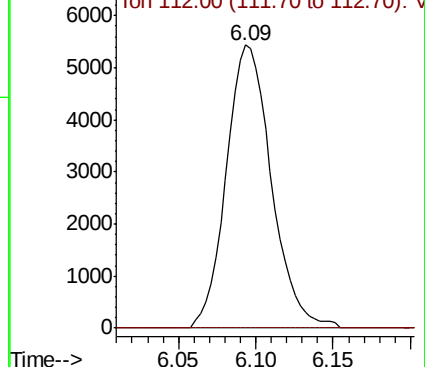
Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV018294.D (-1571) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.809 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018304.D

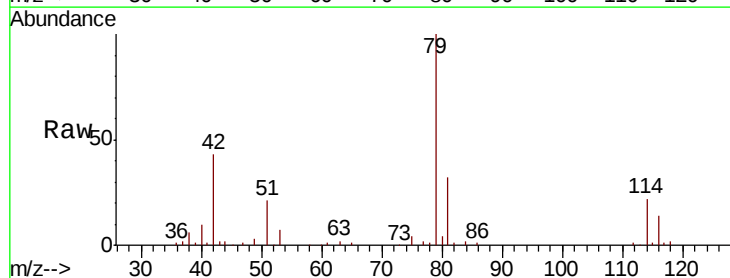
Acq: 18 Sep 2020 01:08

Tgt Ion: 75 Resp: 2674

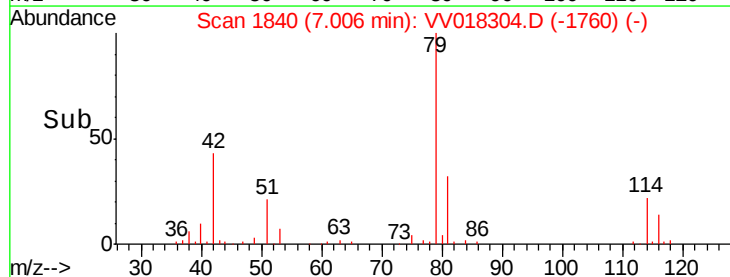
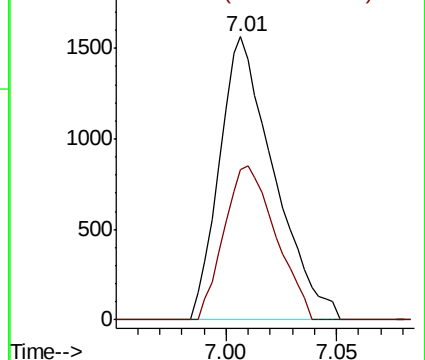
Ion Ratio Lower Upper

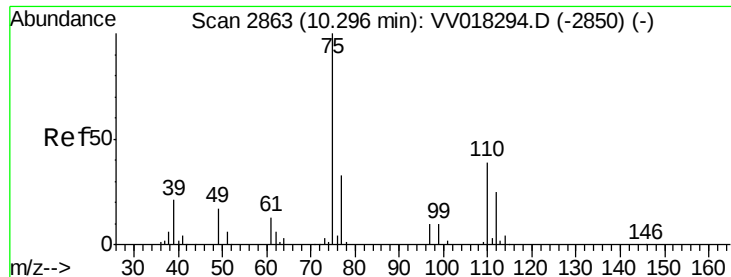
75 100

77 53.3 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV018294.D (-1833) (-)





#59

1,2,3-Trichloropropane

Concen: 6.150 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018304.D

Acq: 18 Sep 2020 01:08

Instrument :

MSVOA_V

ClientSampleId :

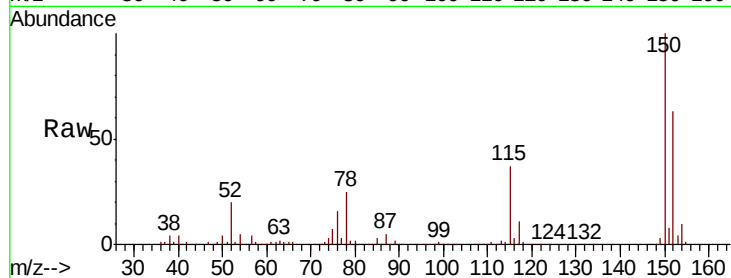
C0AG4

Tot Ion: 75 Resp: 15515

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

