

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016573.D
 Acq On : 06 Jun 2020 06:50
 Operator : SY/MD
 Sample : L2862-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 07:51:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 06:28:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	392538	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	367050	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174443	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	109281	39.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.60%
7) Chloroethane-d5	1.56	69	81476	40.59	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.18%
11) 1,1-Dichloroethene-d2	2.12	63	157675	31.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.98%
21) 2-Butanone-d5	3.89	46	194642	109.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.49%
24) Chloroform-d	4.37	84	236048	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
26) 1,2-Dichloroethane-d4	5.05	65	168469	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
32) Benzene-d6	5.07	84	483844	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
36) 1,2-Dichloropropane-d6	6.09	67	151892	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.16%
41) Toluene-d8	7.34	98	430583	48.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.44%
43) trans-1,3-Dichloropropene-	7.64	79	67201	45.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.02%
47) 2-Hexanone-d5	8.11	63	148866	113.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	206840	49.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	179984	54.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

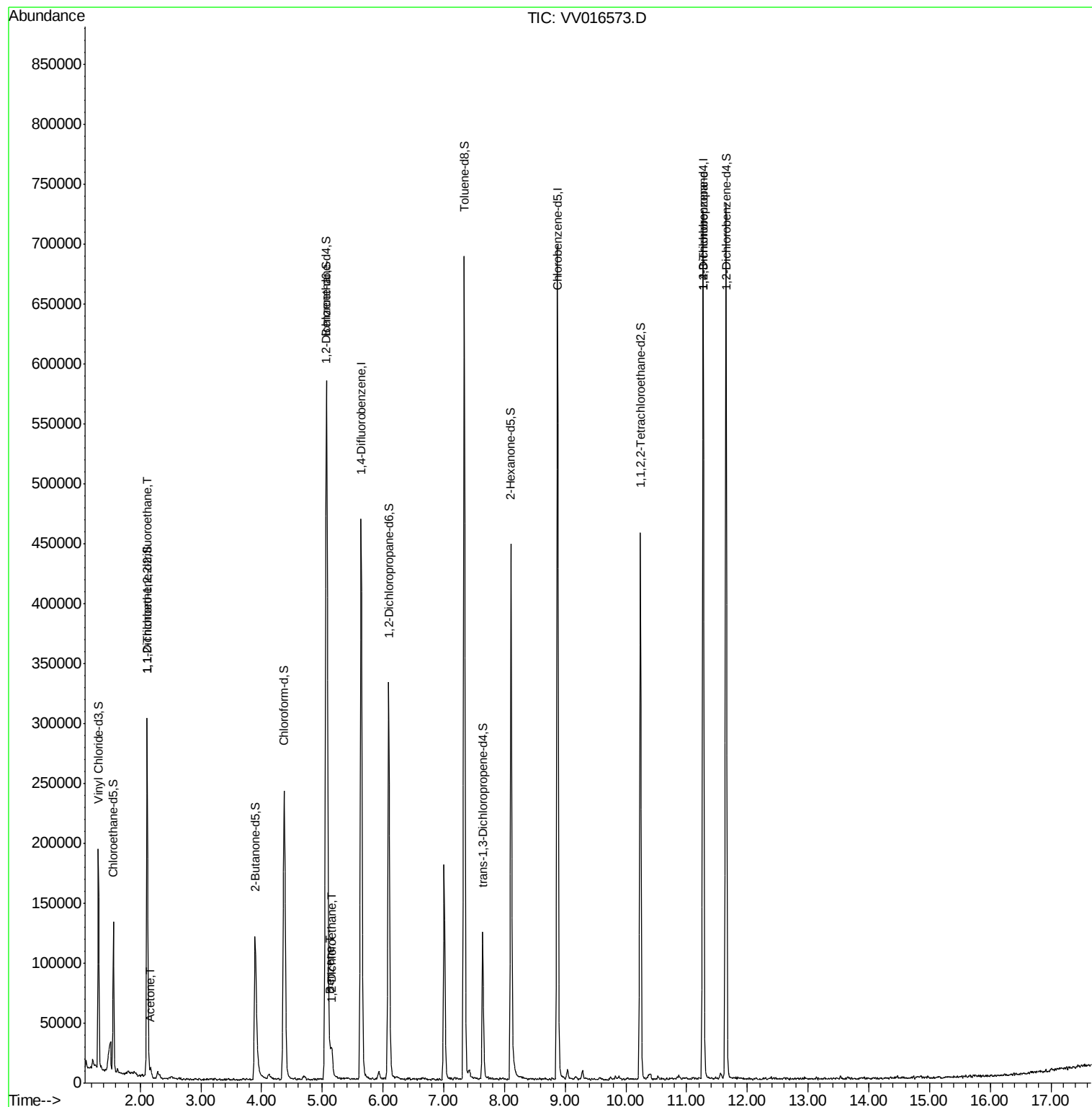
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1450	0.640 ug/L	# 20
13) Acetone	2.17	43	5954	3.583 ug/L	92
27) 1,2-Dichloroethane	5.16	62	19329	4.463 ug/L	99
33) Benzene	5.13	78	22026	2.040 ug/L	100
59) 1,2,3-Trichloropropane	11.27	75	21184	6.033 ug/L	91

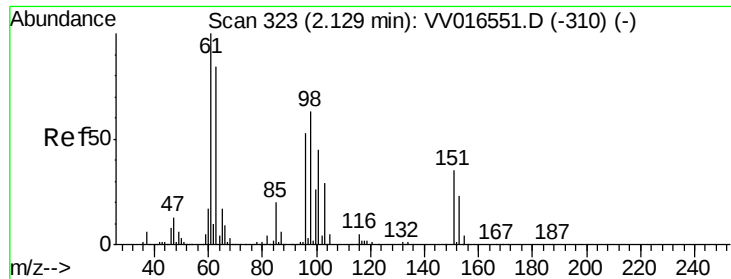
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.640 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016573.D

Acq: 06 Jun 2020 06:50

Instrument :

MSVOA_V

ClientSampleId :

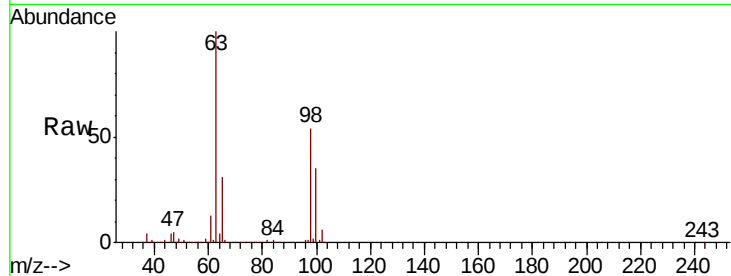
Tot Ion:101 Resp: 1450

Ion Ratio Lower Upper

101 100

85 3.0 35.6 53.4#

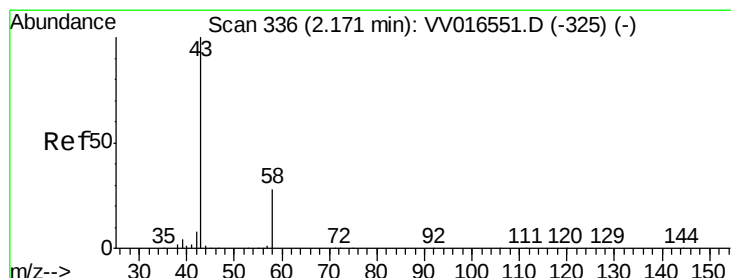
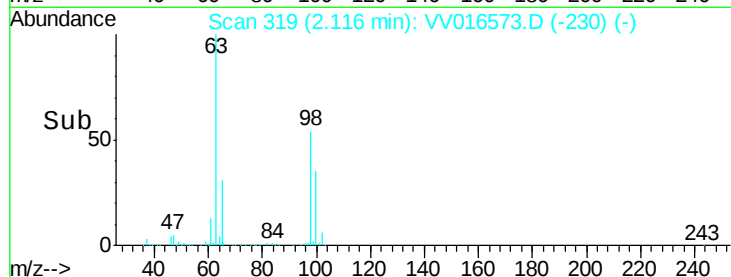
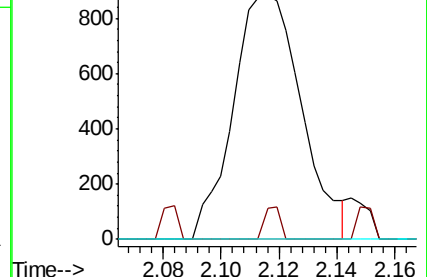
151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): VV016551.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV016551.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV016551.D (-310) (-)



#13

Acetone

Concen: 3.583 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016573.D

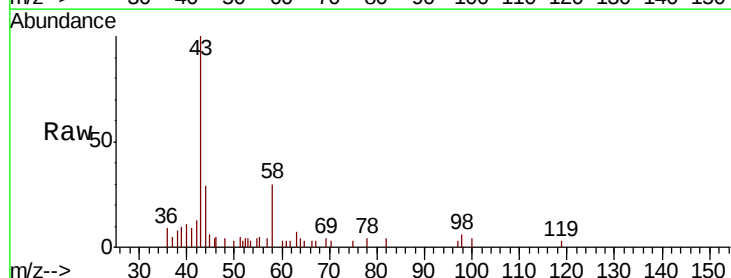
Acq: 06 Jun 2020 06:50

Tgt Ion: 43 Resp: 5954

Ion Ratio Lower Upper

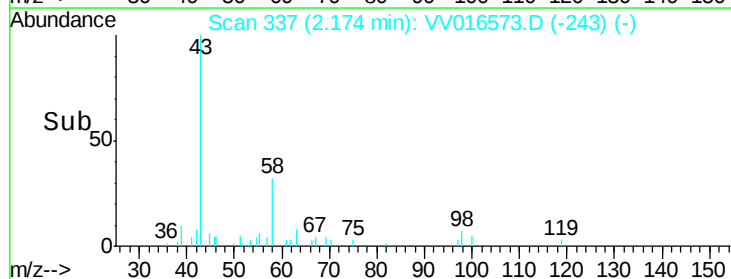
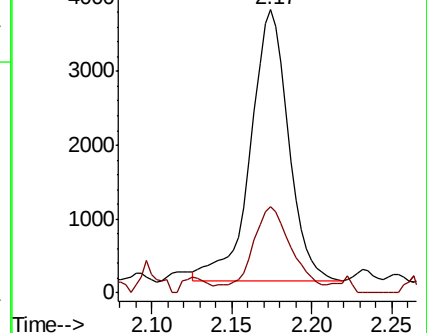
43 100

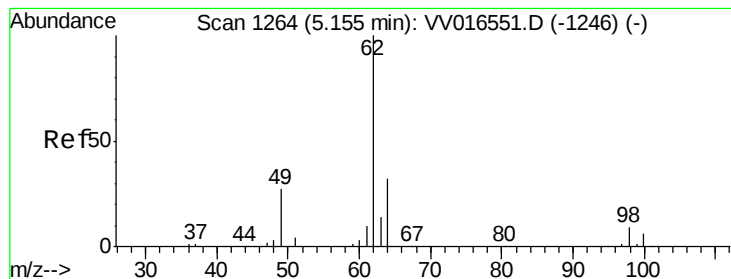
58 32.8 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016551.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV016551.D (-325) (-)





#27

1,2-Dichloroethane

Concen: 4.463 ug/L

RT: 5.16 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VV016573.D

Acq: 06 Jun 2020 06:50

Instrument :

MSVOA_V

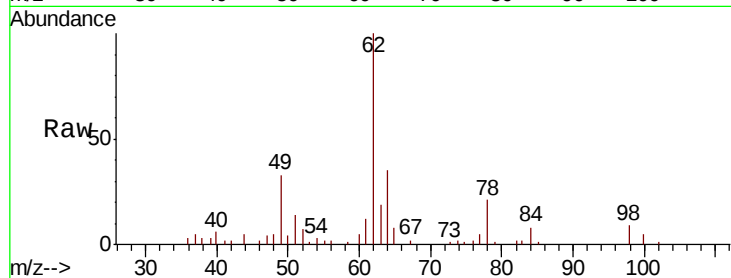
ClientSampleId :

Tot Ion: 62 Resp: 19329

Ion Ratio Lower Upper

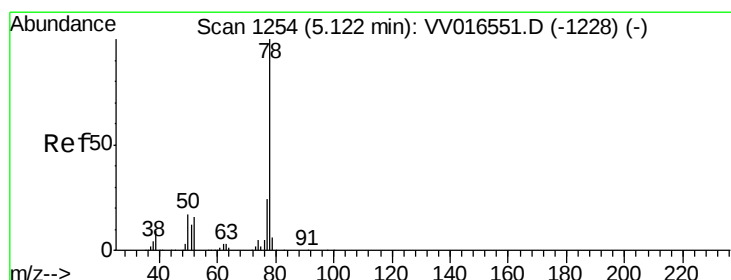
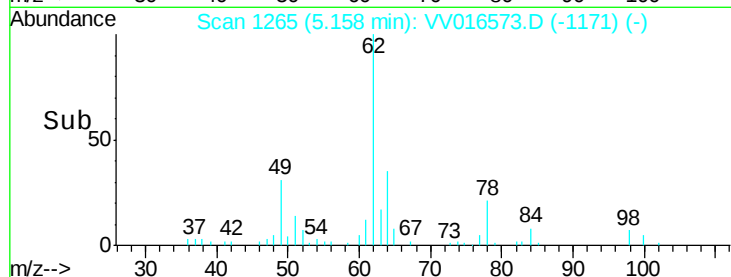
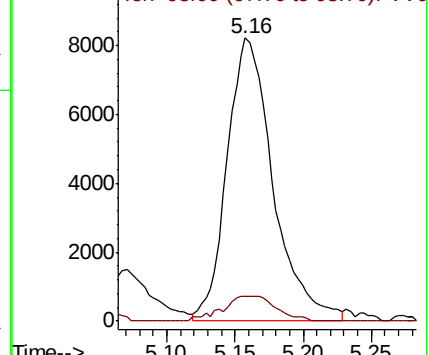
62 100

98 8.9 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#33

Benzene

Concen: 2.040 ug/L

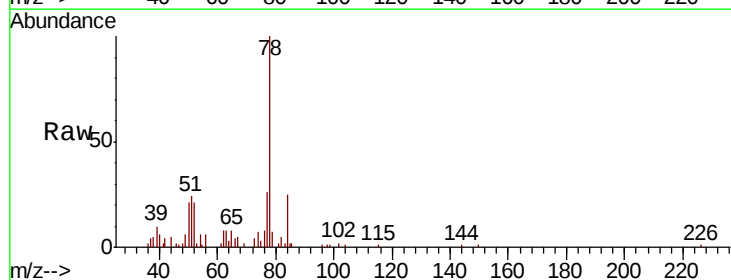
RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

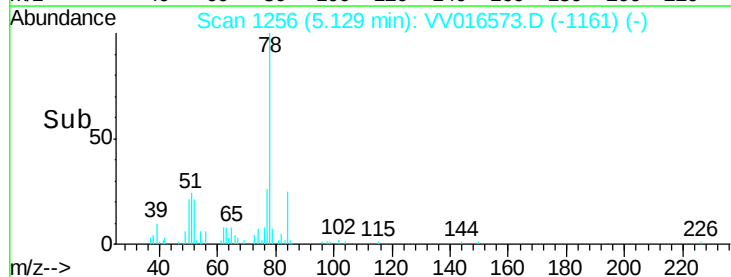
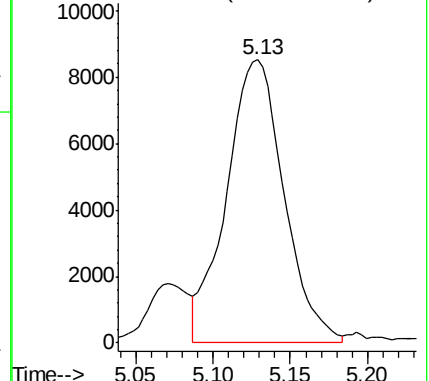
Lab File: VV016573.D

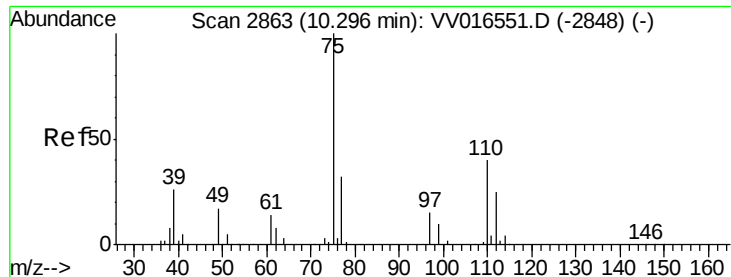
Acq: 06 Jun 2020 06:50

Tgt Ion: 78 Resp: 22026



Abundance Ion 78.00 (77.70 to 78.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.033 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016573.D

Acq: 06 Jun 2020 06:50

Instrument :

MSVOA_V

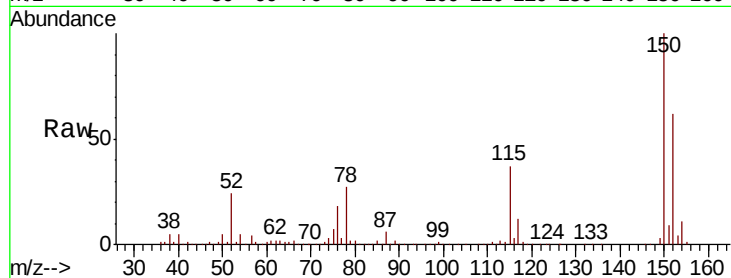
ClientSampleId :

Tot Ion: 75 Resp: 21184

Ion Ratio Lower Upper

75 100

77 38.4 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

