

Data File : VU030359.D
Acq On : 24 Mar 2019 10:43
Operator : JC/SP
Sample : VU0324WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK52

Quant Time: Mar 25 03:23:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 25 03:20:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	436722	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	408205	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	168301	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	190143	54.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.20%
7) Chloroethane-d5	1.67	69	145876	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.72%
11) 1,1-Dichloroethene-d2	2.27	63	256608	38.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.98%
21) 2-Butanone-d5	4.17	46	299920	90.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.78%
24) Chloroform-d	4.64	84	285652	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
26) 1,2-Dichloroethane-d4	5.31	65	190984	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
32) Benzene-d6	5.34	84	600193	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
36) 1,2-Dichloropropane-d6	6.32	67	208445	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.08%
41) Toluene-d8	7.56	98	526307	50.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.12%
43) trans-1,3-Dichloropropene-	7.85	79	89080	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.60%
47) 2-Hexanone-d5	8.31	63	205963	94.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	266261	46.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	171587	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%

Target Compounds

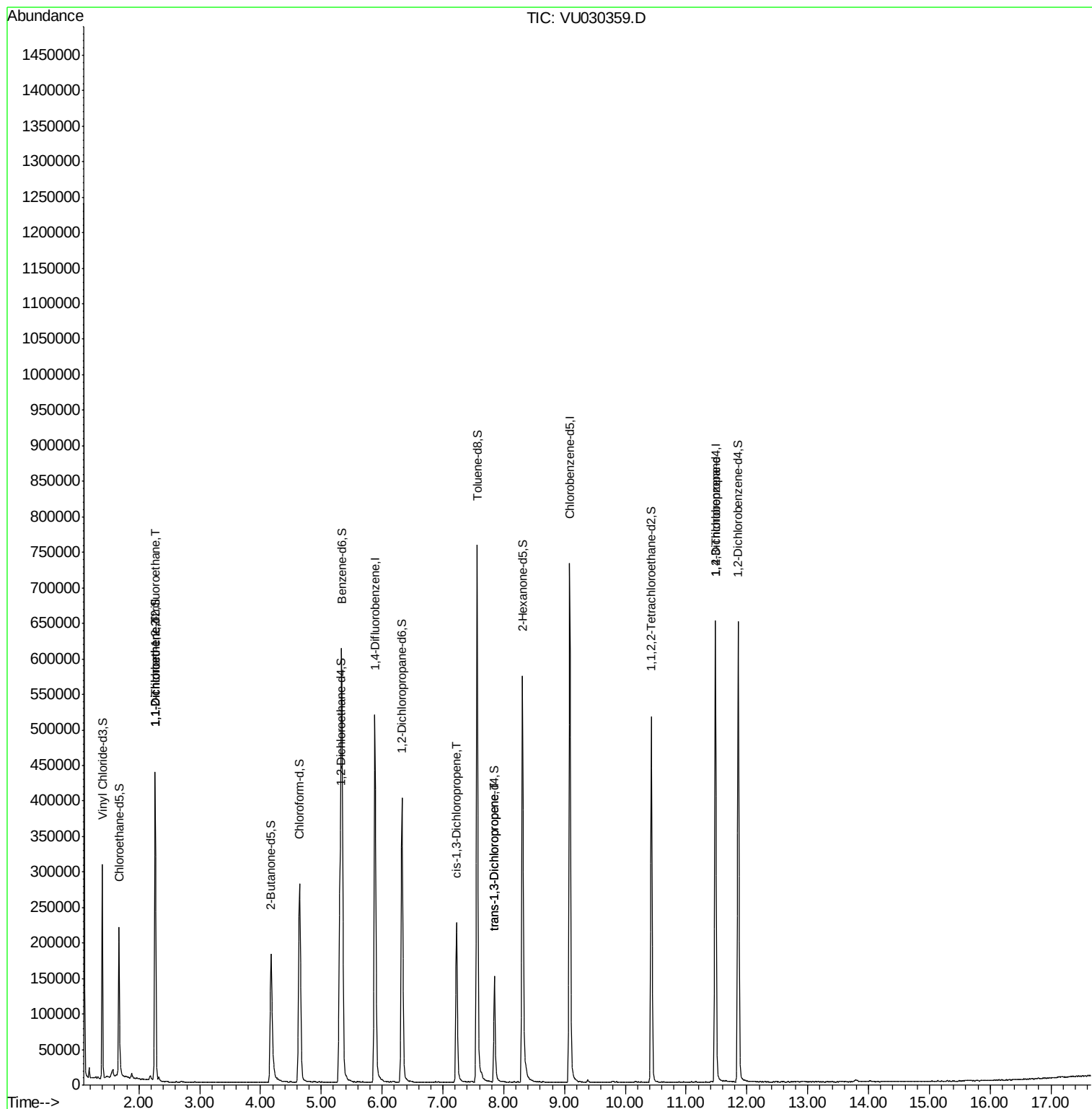
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2077	0.652	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1943	0.622	ug/L #	1
39) cis-1,3-Dichloropropene	7.22	75	5091	0.898	ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	3476	0.697	ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	21991	4.582	ug/L	93

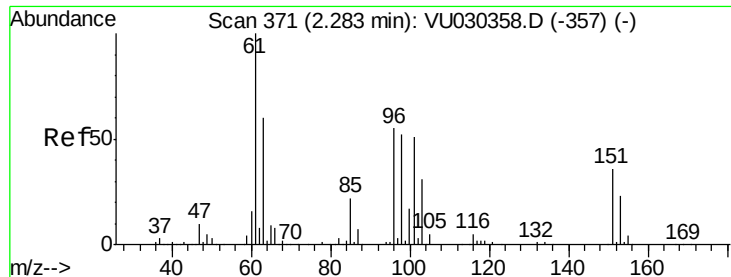
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.652 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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ClientSampleId :

VBLK52

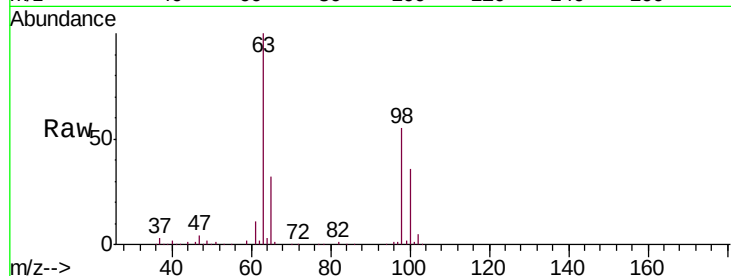
Tgt Ion: 101 Resp: 2077

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

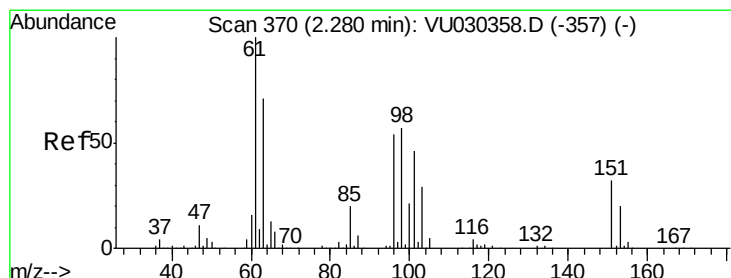
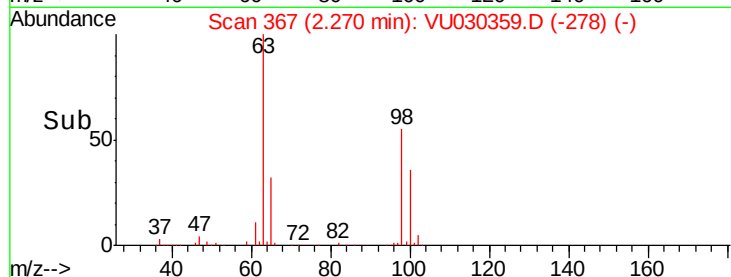
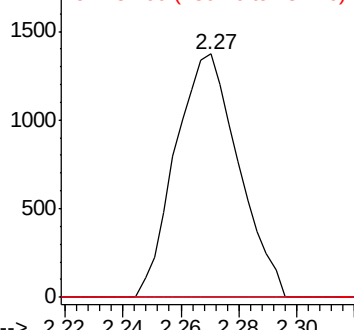
151 0.0 56.6 85.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.622 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030359.D

Acq: 24 Mar 2019 10:43

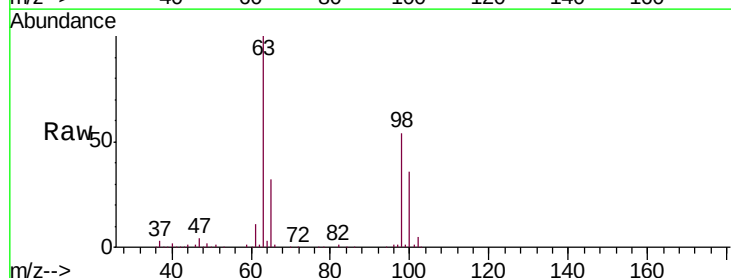
Tgt Ion: 96 Resp: 1943

Ion Ratio Lower Upper

96 100

61 1494.6 131.0 243.4#

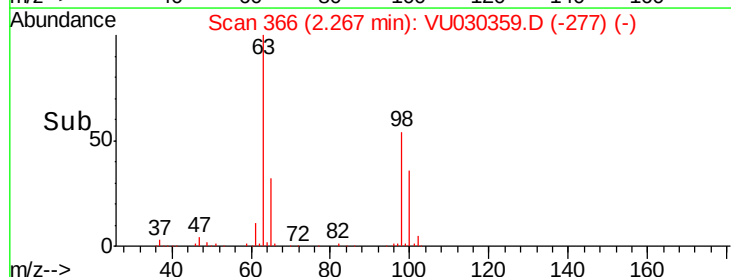
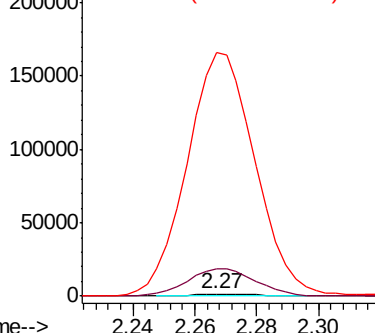
63 13175.9 92.4 171.6#

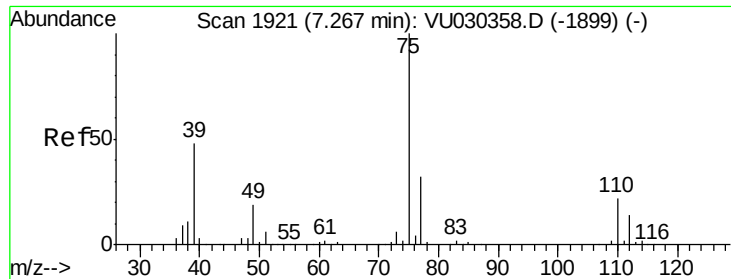


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



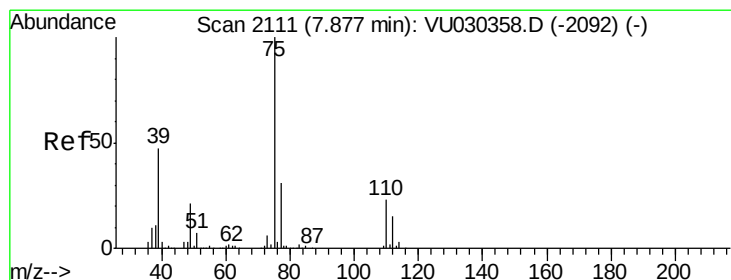
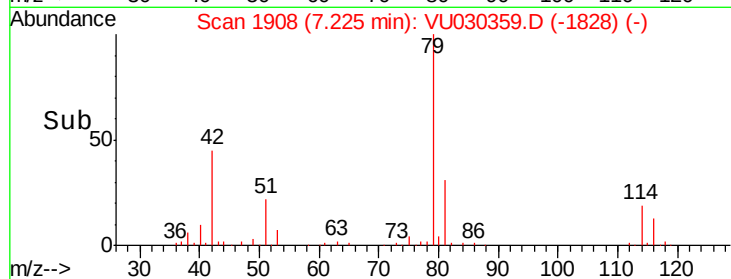
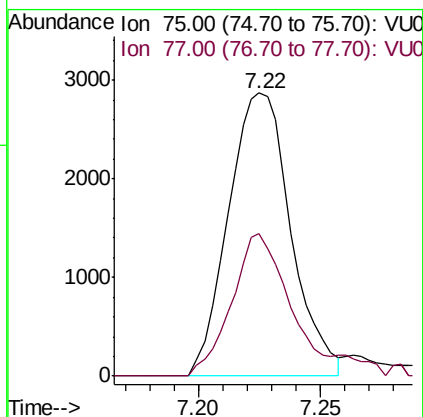
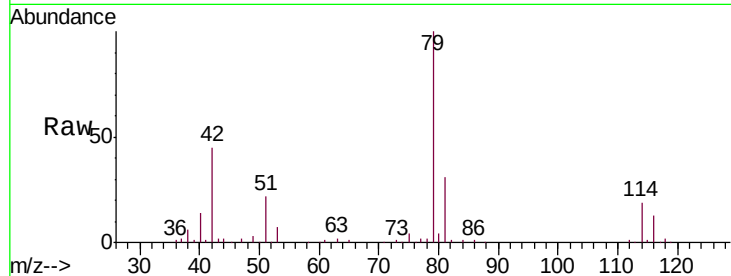


#39

cis-1,3-Dichloropropene
 Concen: 0.898 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU030359.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK52

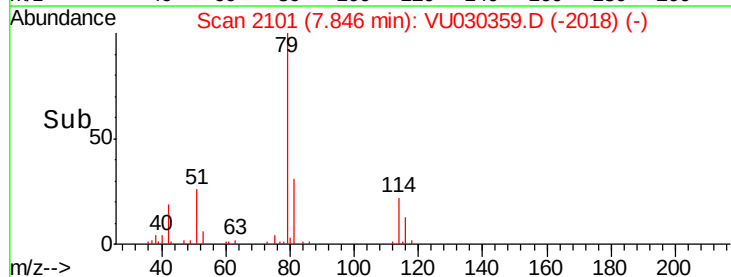
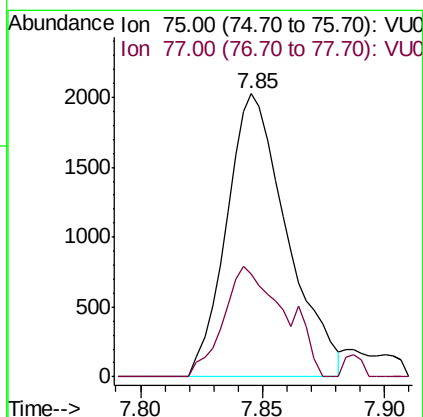
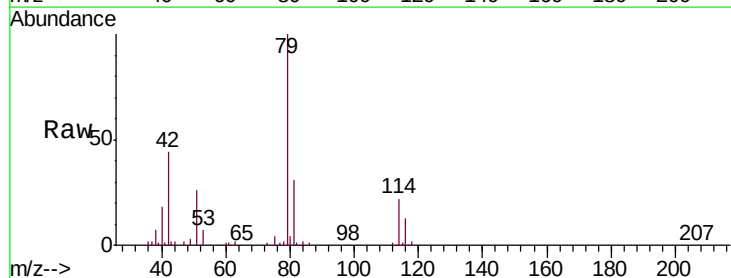
Tgt Ion: 75 Resp: 5091
 Ion Ratio Lower Upper
 75 100
 77 50.2 21.8 40.6#

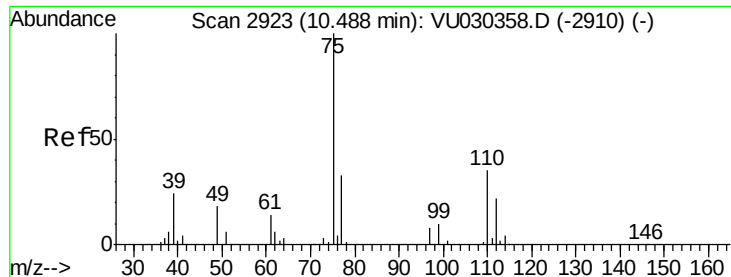


#44

trans-1,3-Dichloropropene
 Concen: 0.697 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU030359.D
 Acq: 24 Mar 2019 10:43

Tgt Ion: 75 Resp: 3476
 Ion Ratio Lower Upper
 75 100
 77 36.4 22.0 40.8





#59

1,2,3-Trichloropropane

Concen: 4.582 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030359.D

Acq: 24 Mar 2019 10:43

Instrument :

MSVOA_U

ClientSampleId :

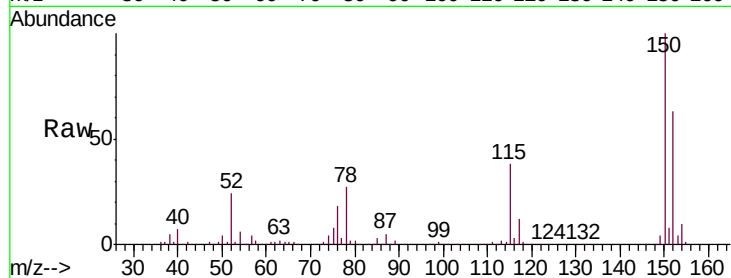
VBLK52

Tgt Ion: 75 Resp: 21991

Ion Ratio Lower Upper

75 100

77 35.7 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

