

Data File : VU034600.D
Acq On : 17 Sep 2019 05:51
Operator : JC/SP
Sample : K4894-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMQ4

Quant Time: Sep 17 06:43:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 05:01:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	250507	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	234132	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	98397	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53991	44.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.34%
7) Chloroethane-d5	1.67	69	47773	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.26	63	91171	36.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.74%
21) 2-Butanone-d5	4.15	46	147788	108.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.44%
24) Chloroform-d	4.62	84	136722	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
26) 1,2-Dichloroethane-d4	5.28	65	89291	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.66%
32) Benzene-d6	5.32	84	263761	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
36) 1,2-Dichloropropane-d6	6.31	67	98878	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.18%
41) Toluene-d8	7.54	98	244699	48.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.92%
43) trans-1,3-Dichloropropene-	7.83	79	43336	47.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.80%
47) 2-Hexanone-d5	8.29	63	105225	101.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.22%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	149990	50.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.18%
64) 1,2-Dichlorobenzene-d4	11.84	152	89087	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%

Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.26	96	1865	1.566 ug/L #	1
13) Acetone	2.31	43	2717	2.218 ug/L	82
34) Trichloroethene	6.17	95	17549	11.862 ug/L	96
39) cis-1,3-Dichloropropene	7.21	75	2766	1.021 ug/L #	74
59) 1,2,3-Trichloropropane	11.46	75	15919	6.465 ug/L	96

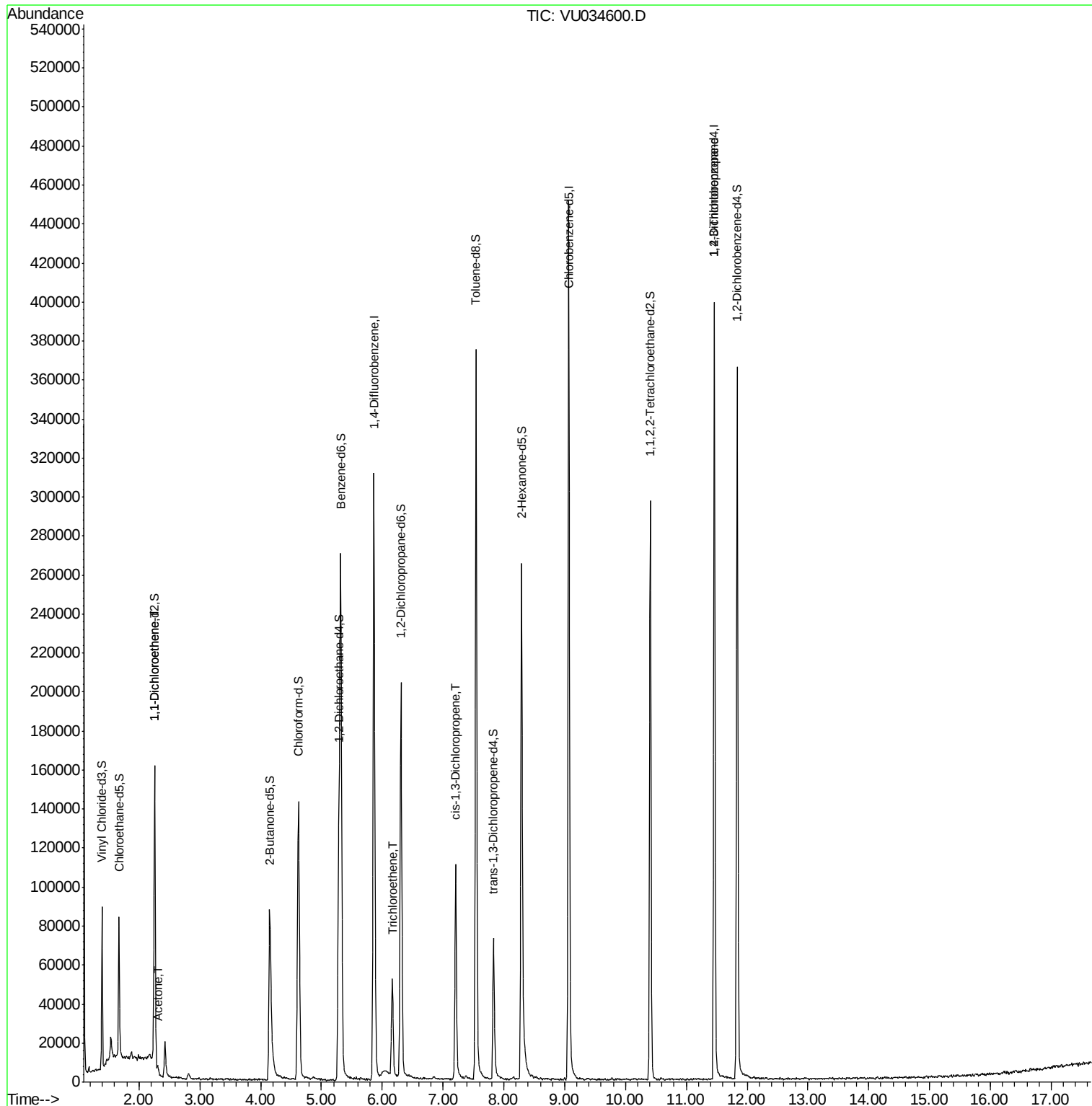
(#) = qualifier out of range (m) = manual integration (+) = signals summed

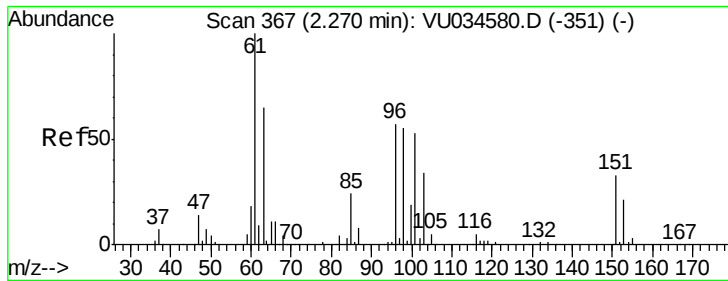
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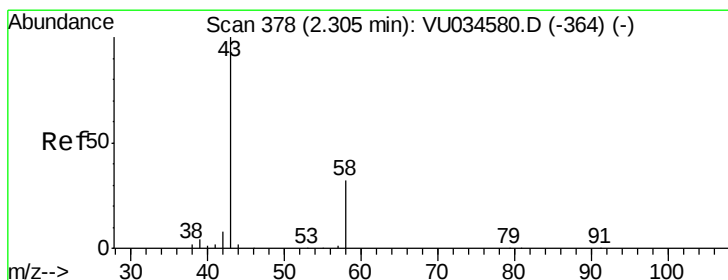
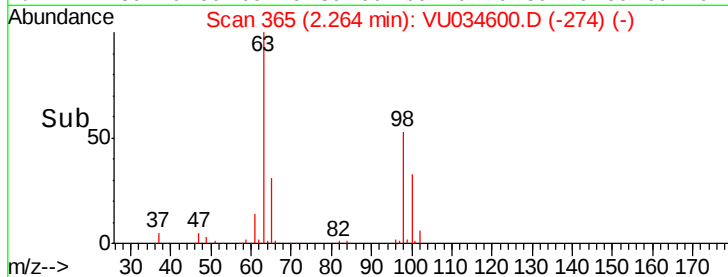
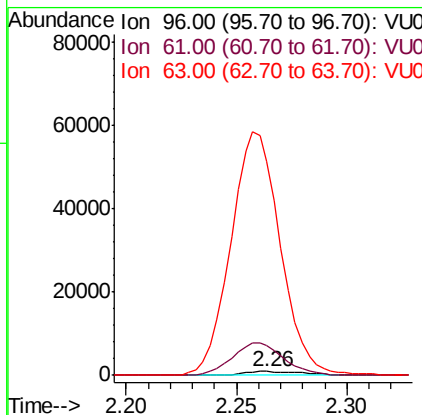
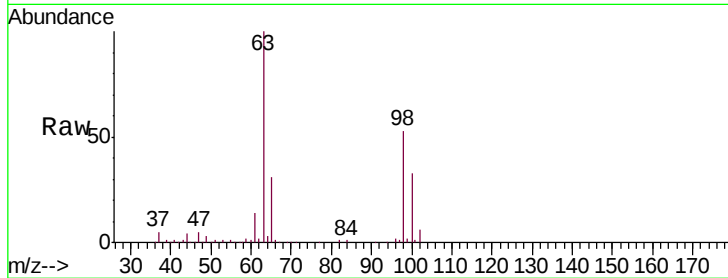




#12
 1,1-Dichloroethene
 Concen: 1.566 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VU034600.D
 Acq: 17 Sep 2019 05:51

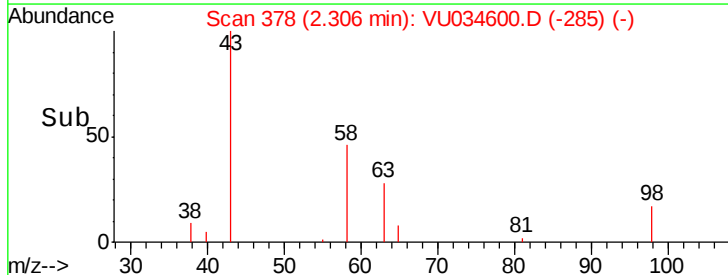
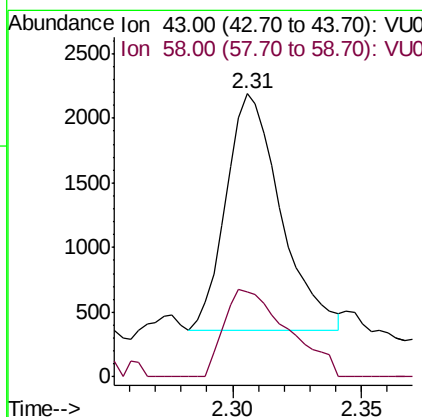
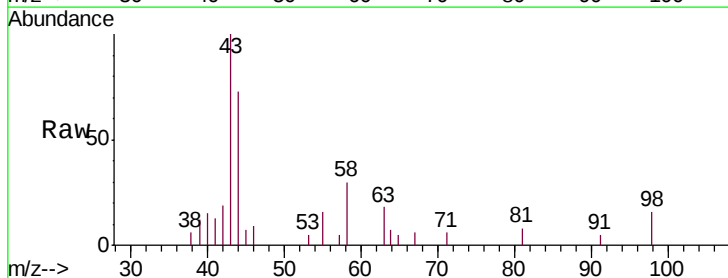
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 COMQ4

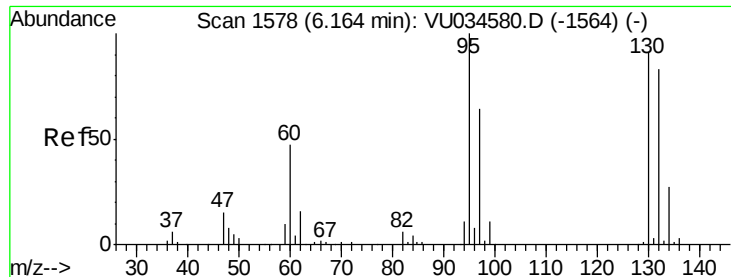
Tgt Ion: 96 Resp: 1865
 Ion Ratio Lower Upper
 96 100
 61 767.2 117.8 218.8#
 63 5506.6 83.8 155.6#



#13
 Acetone
 Concen: 2.218 ug/L
 RT: 2.31 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: VU034600.D
 Acq: 17 Sep 2019 05:51

Tgt Ion: 43 Resp: 2717
 Ion Ratio Lower Upper
 43 100
 58 42.8 0.0 65.0

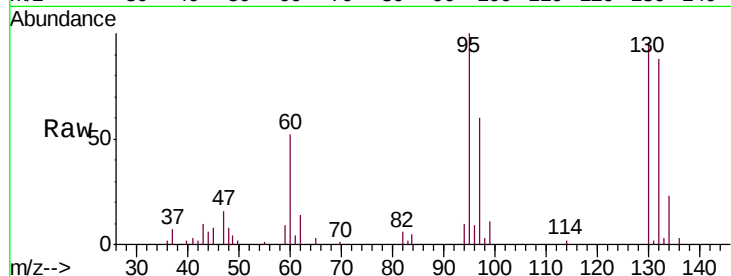




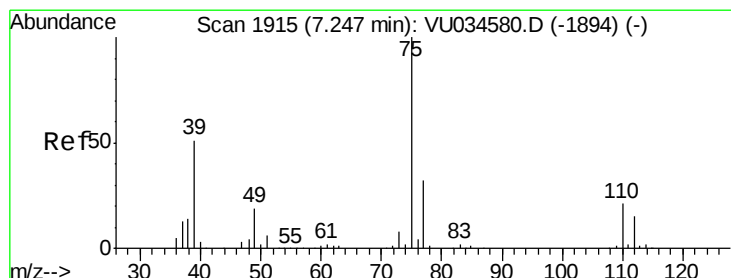
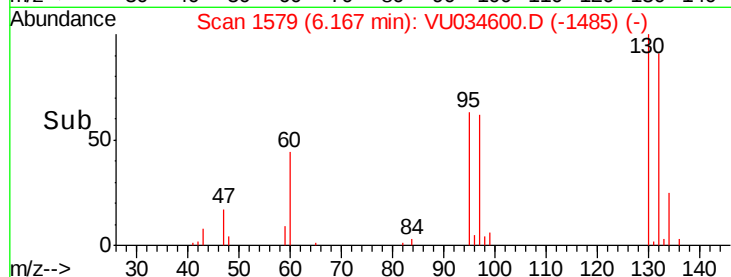
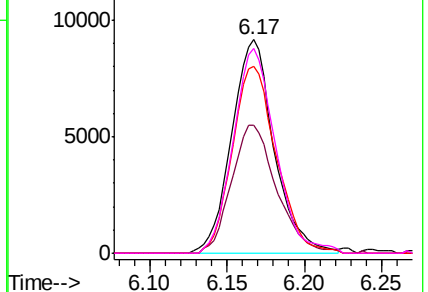
#34
 Trichloroethene
 Concen: 11.862 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU034600.D
 Acq: 17 Sep 2019 05:51

Instrument :
 MSVOA_U
 ClientSampleId :
 COMQ4

Tgt Ion: 95 Resp: 17549
 Ion Ratio Lower Upper
 95 100
 97 59.9 45.4 84.4
 132 87.7 65.2 121.0
 130 95.9 68.5 127.3

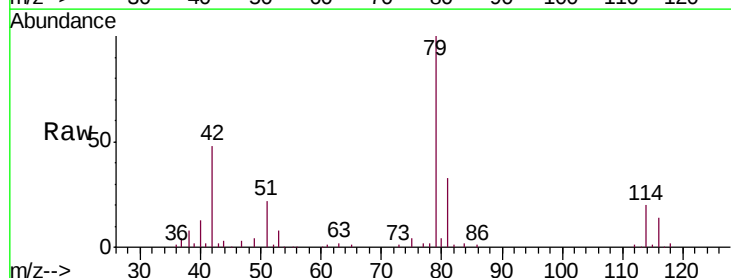


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

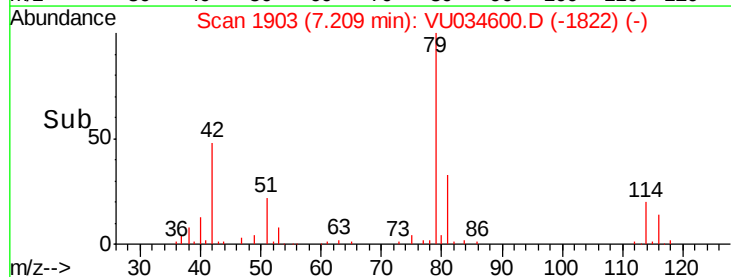
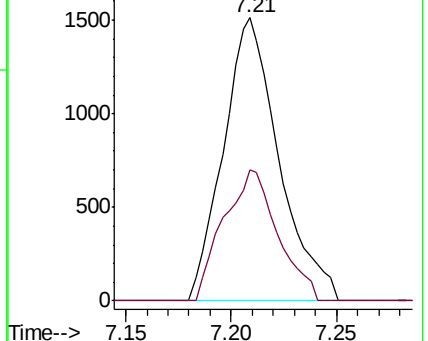


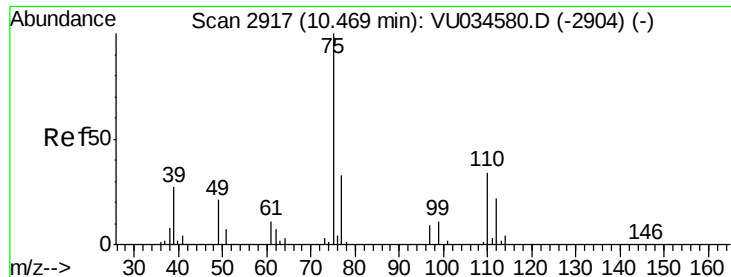
#39
 cis-1,3-Dichloropropene
 Concen: 1.021 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU034600.D
 Acq: 17 Sep 2019 05:51

Tgt Ion: 75 Resp: 2766
 Ion Ratio Lower Upper
 75 100
 77 46.1 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 6.465 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034600.D

Acq: 17 Sep 2019 05:51

Instrument :

MSVOA_U

ClientSampleId :

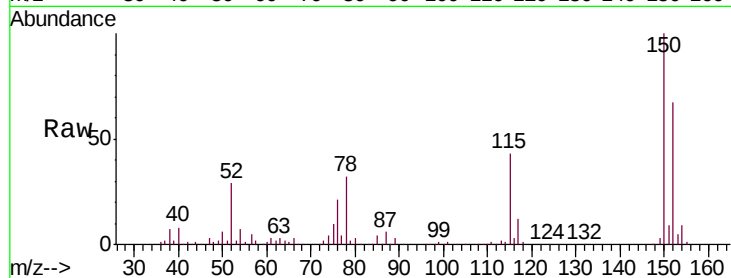
COMQ4

Tgt Ion: 75 Resp: 15919

Ion Ratio Lower Upper

75 100

77 35.0 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

