

Data File : VU034571.D
Acq On : 16 Sep 2019 17:45
Operator : JC/SP
Sample : K4838-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MC8

Quant Time: Sep 17 02:58:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	331678	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	307858	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	132556	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	73519	45.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.88%
7) Chloroethane-d5	1.67	69	56812	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.32%
11) 1,1-Dichloroethene-d2	2.26	63	118633	36.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.46%
21) 2-Butanone-d5	4.16	46	187238	103.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.77%
24) Chloroform-d	4.62	84	179314	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	5.29	65	111312	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
32) Benzene-d6	5.32	84	341483	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.90%
36) 1,2-Dichloropropane-d6	6.31	67	130130	51.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.28%
41) Toluene-d8	7.54	98	318750	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.83	79	60243	50.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.24%
47) 2-Hexanone-d5	8.29	63	142245	104.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.06%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	192219	48.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.64%
64) 1,2-Dichlorobenzene-d4	11.84	152	118580	50.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.30%

Target Compounds

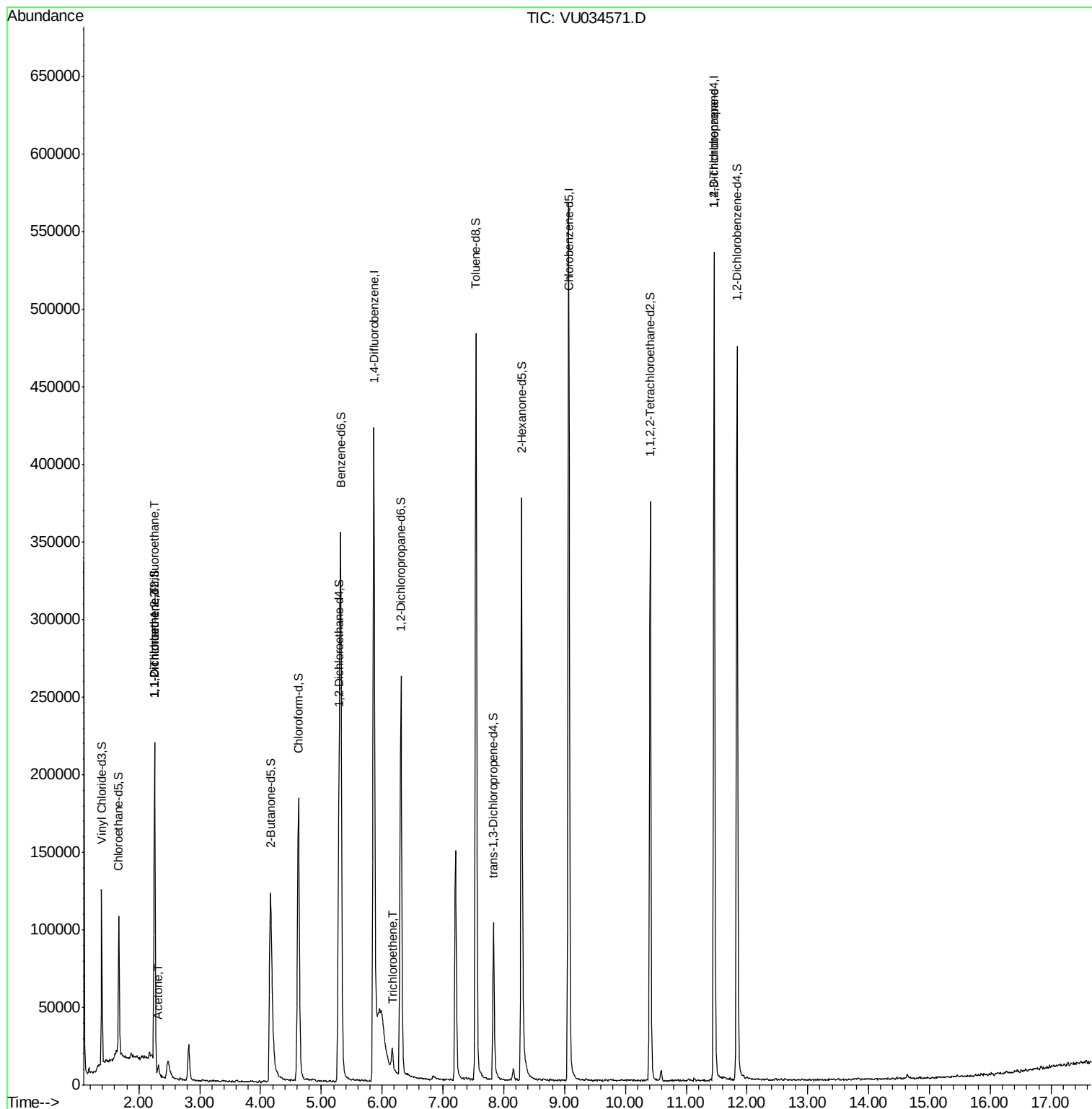
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1254	0.726 ug/L #	25
12) 1,1-Dichloroethene	2.26	96	1219	0.773 ug/L #	1
13) Acetone	2.32	43	5512	3.399 ug/L	93
34) Trichloroethene	6.17	95	4529	2.328 ug/L	88
59) 1,2,3-Trichloropropane	11.46	75	19602	6.055 ug/L	90

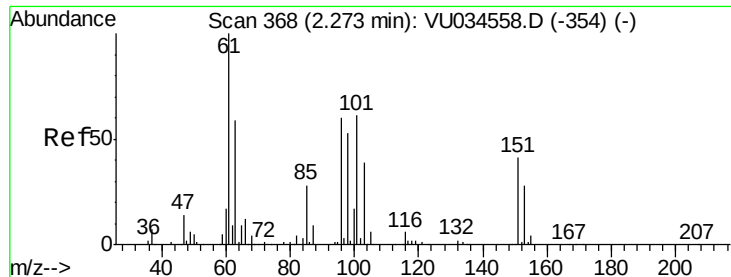
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.726 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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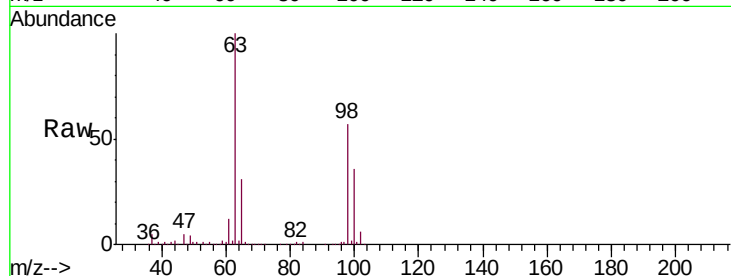
Tgt Ion: 101 Resp: 1254

Ion Ratio Lower Upper

101 100

85 5.0 37.0 55.6#

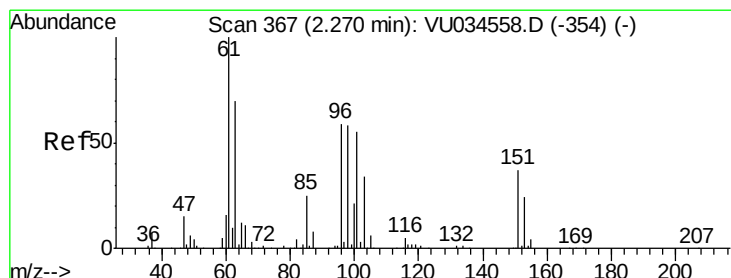
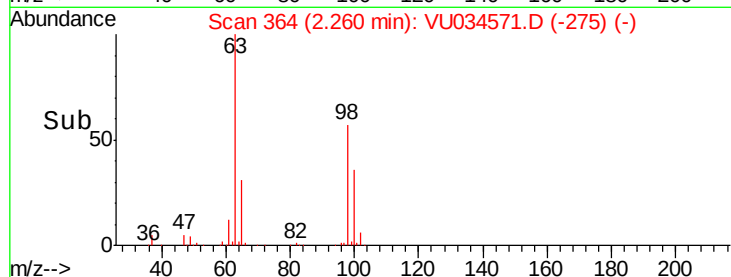
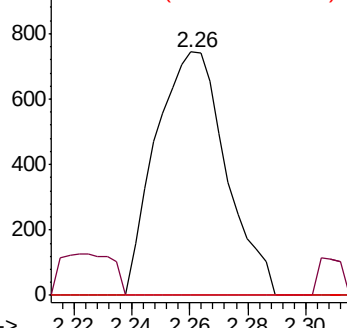
151 0.0 54.1 81.1#



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: 0.773 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU034571.D

Acq: 16 Sep 2019 17:45

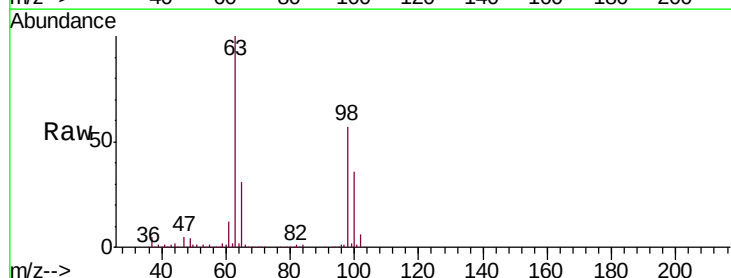
Tgt Ion: 96 Resp: 1219

Ion Ratio Lower Upper

96 100

61 967.8 117.8 218.8#

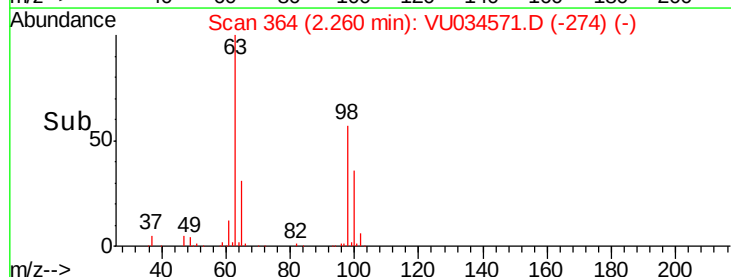
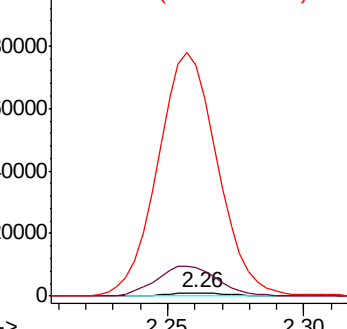
63 7843.7 83.8 155.6#

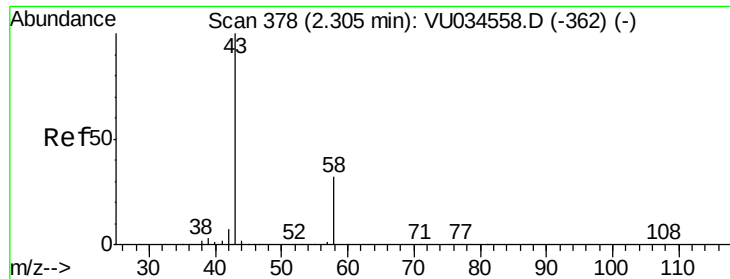


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.399 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

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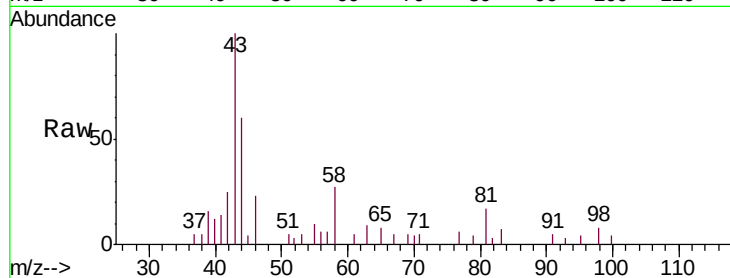
C0MC8

Tgt Ion: 43 Resp: 5512

Ion Ratio Lower Upper

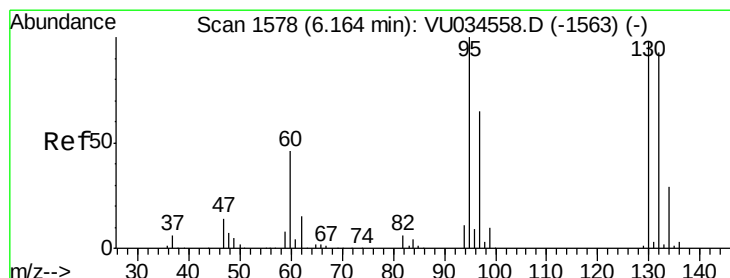
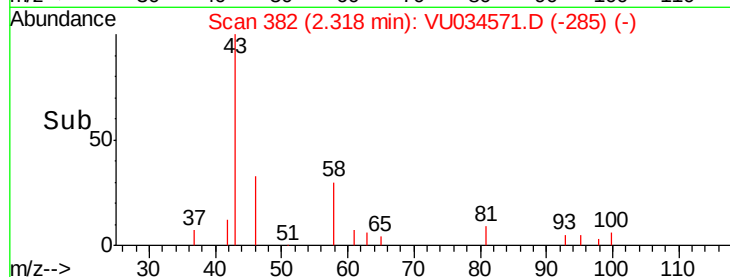
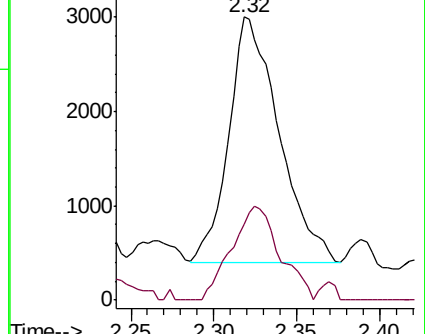
43 100

58 36.5 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU034558.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU034558.D (-362) (-)



#34

Trichloroethene

Concen: 2.328 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034571.D

Acq: 16 Sep 2019 17:45

Tgt Ion: 95 Resp: 4529

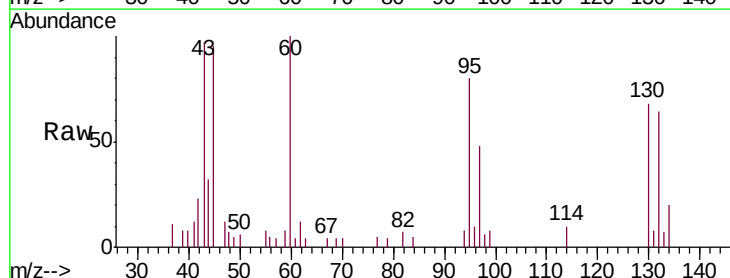
Ion Ratio Lower Upper

95 100

97 59.6 45.4 84.4

132 79.4 65.2 121.0

130 85.2 68.5 127.3

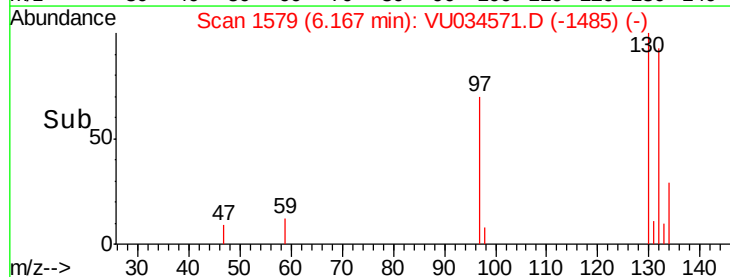
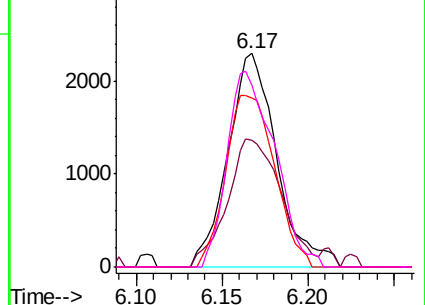


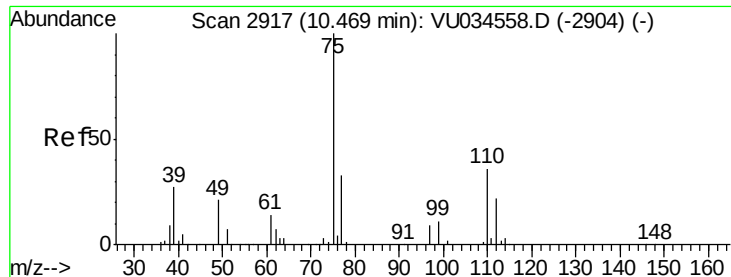
Abundance Ion 95.00 (94.70 to 95.70): VU034558.D (-1563) (-)

Ion 97.00 (96.70 to 97.70): VU034558.D (-1563) (-)

Ion 132.00 (131.70 to 132.70): VU034558.D (-1563) (-)

Ion 130.00 (129.70 to 130.70): VU034558.D (-1563) (-)





#59

1,2,3-Trichloropropane

Concen: 6.055 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

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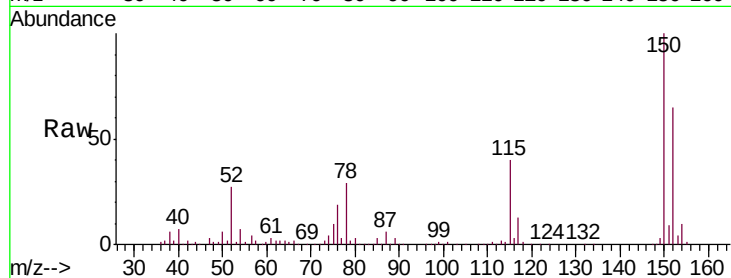
C0MC8

Tgt Ion: 75 Resp: 19602

Ion Ratio Lower Upper

75 100

77 38.1 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

