

Data File : VU036140.D
Acq On : 11 Dec 2019 18:33
Operator : JC/MD
Sample : K6234-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE62

Quant Time: Dec 12 06:16:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	295355	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	319405	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	94955	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121447	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.92	69	119880	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.59	63	127228	2.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.80%#
20) 2-Butanone-d5	4.69	46	268568	59.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.74%
24) Chloroform-d	5.11	84	200839	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.75	65	106931	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.77	84	372749	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.73	67	124286	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.93	98	292330	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.21	79	44377	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.67	63	201249	54.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.46%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	115431	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	92039	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

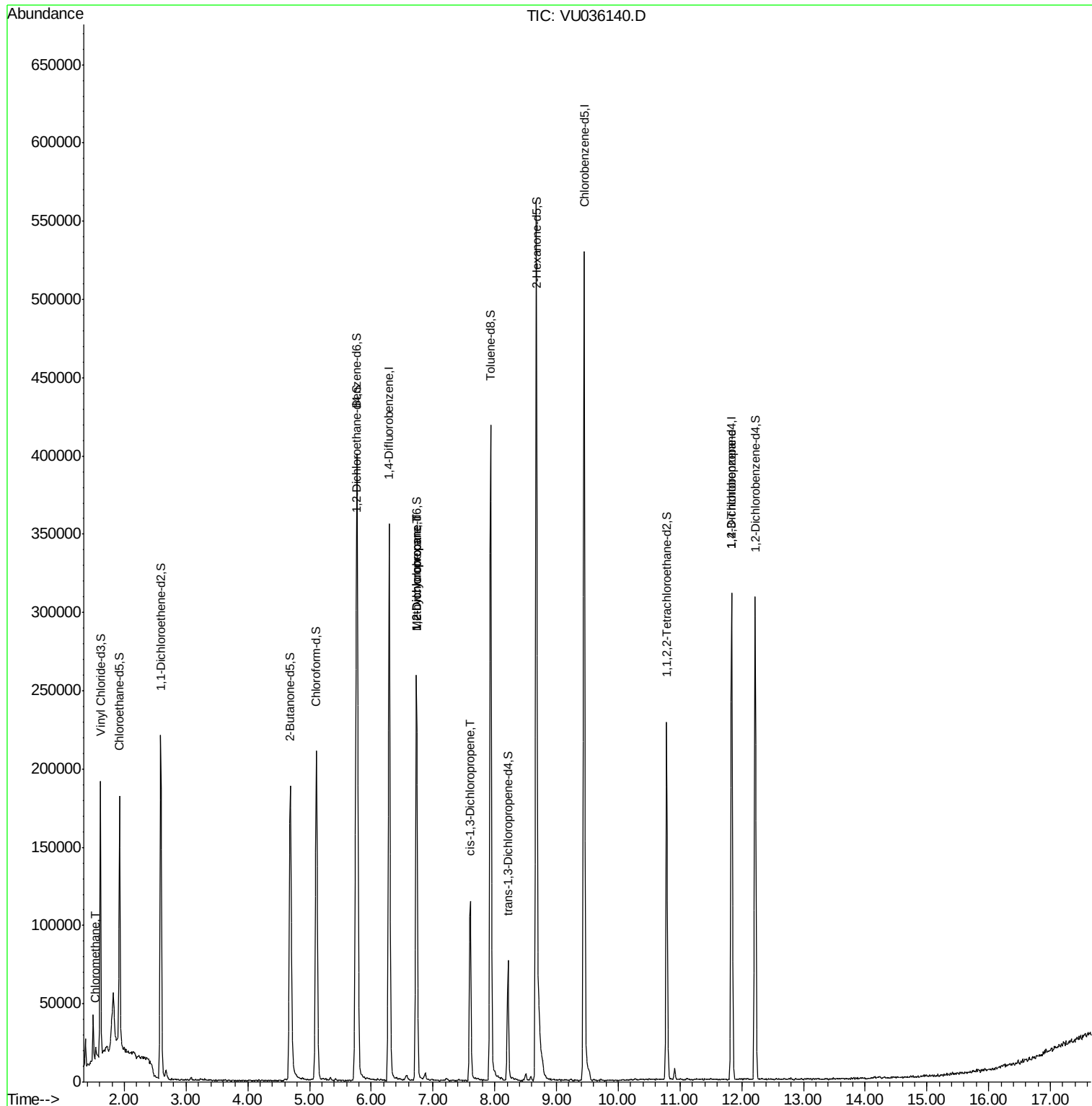
					Qvalue
3) Chloromethane	1.54	50	7560	0.267 ug/L	84
35) Methylcyclohexane	6.73	83	29188	0.939 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	13667	0.624 ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	2907	0.098 ug/L #	38
59) 1,2,3-Trichloropropane	11.83	75	11088	0.708 ug/L	93

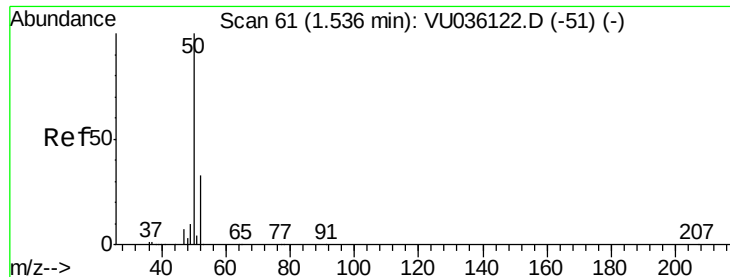
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.267 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU036140.D

Acq: 11 Dec 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

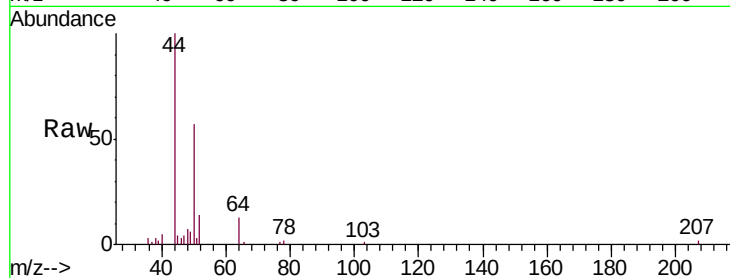
BF62

Tgt Ion: 50 Resp: 7560

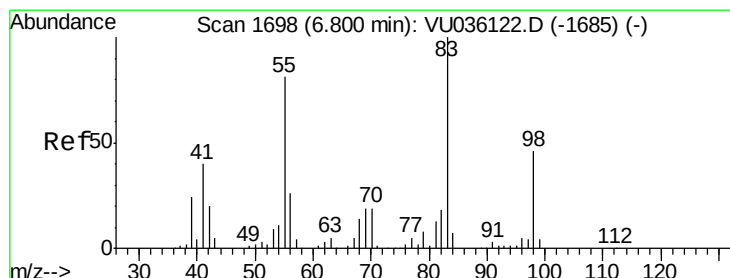
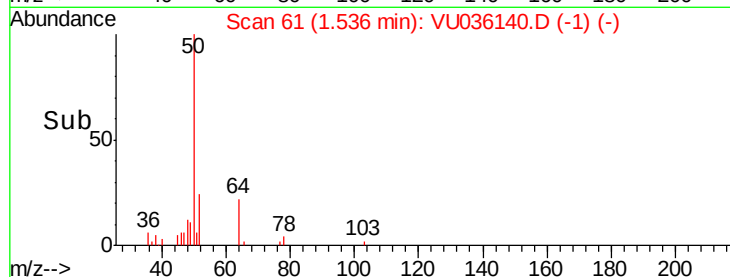
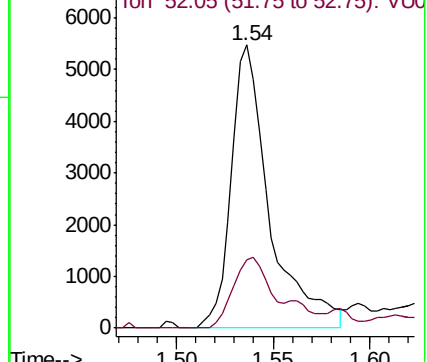
Ion Ratio Lower Upper

50 100

52 24.3 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VU036140.D (-1) (-)



#35

Methylcyclohexane

Concen: 0.939 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036140.D

Acq: 11 Dec 2019 18:33

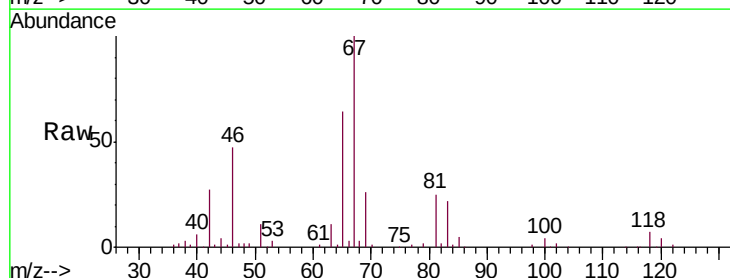
Tgt Ion: 83 Resp: 29188

Ion Ratio Lower Upper

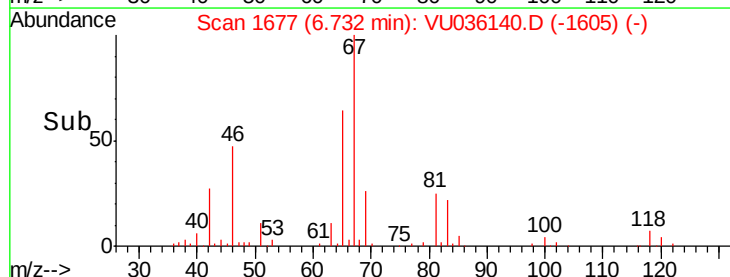
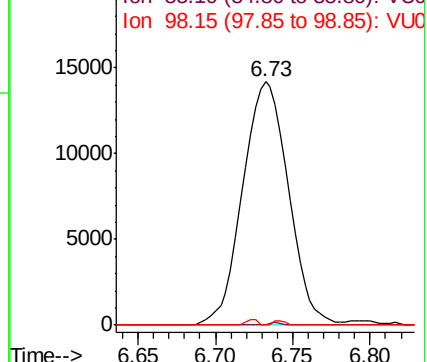
83 100

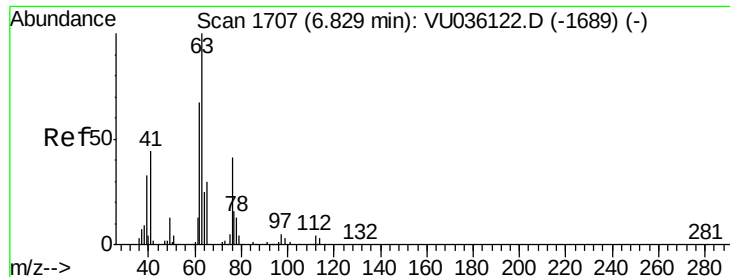
55 0.3 62.1 93.1#

98 0.4 37.0 55.4#



Abundance Ion 83.15 (82.85 to 83.85): VU036140.D (-1605) (-)





#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.09 min

Lab File: VU036140.D

Acq: 11 Dec 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

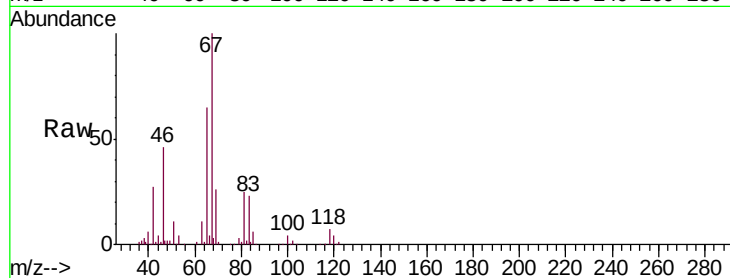
BF62

Tgt Ion: 63 Resp: 13667

Ion Ratio Lower Upper

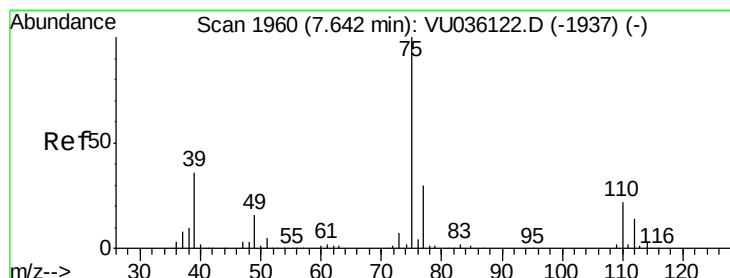
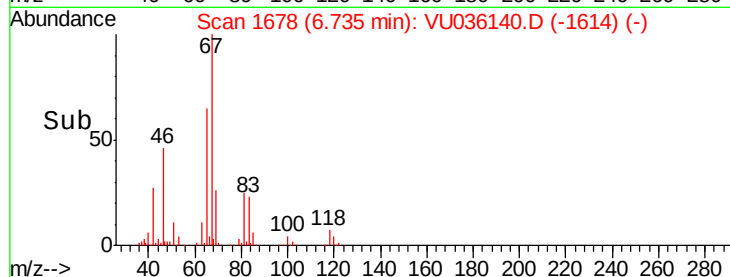
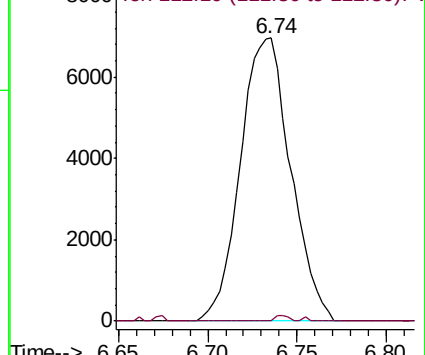
63 100

112 0.5 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036140.D (-1614) (-)

Ion 112.10 (111.80 to 112.80): VU036140.D (-1614) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU036140.D

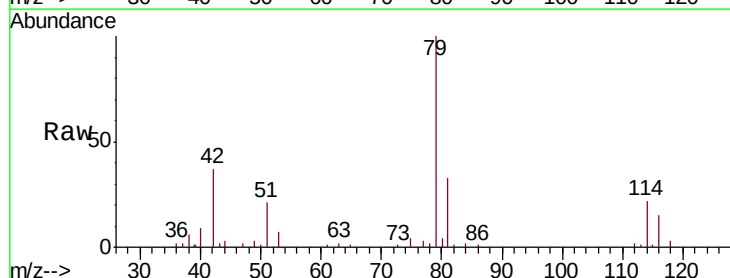
Acq: 11 Dec 2019 18:33

Tgt Ion: 75 Resp: 2907

Ion Ratio Lower Upper

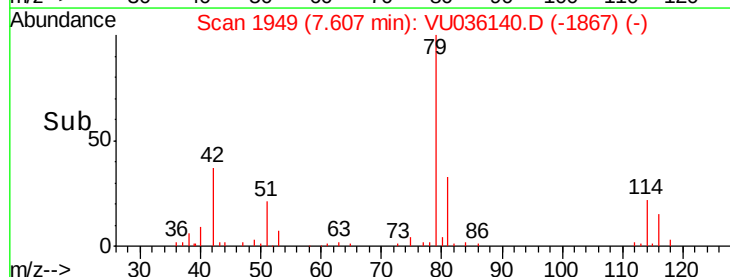
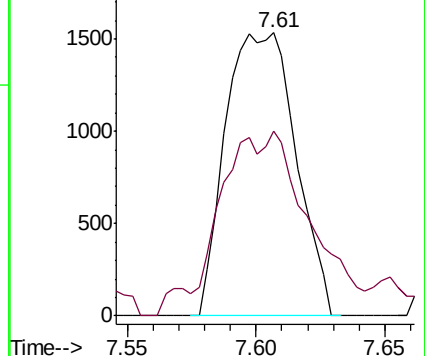
75 100

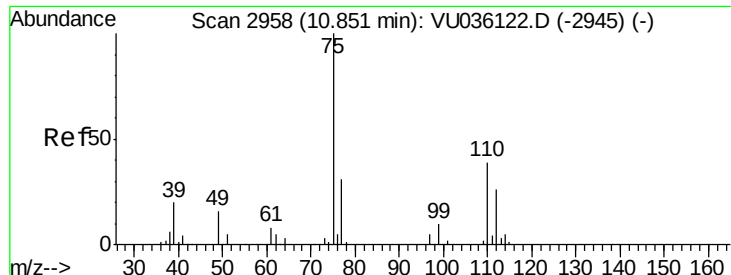
77 65.2 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU036140.D (-1867) (-)

Ion 77.05 (76.75 to 77.75): VU036140.D (-1867) (-)





#59

1,2,3-Trichloropropane

Concen: 0.708 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036140.D

Acq: 11 Dec 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

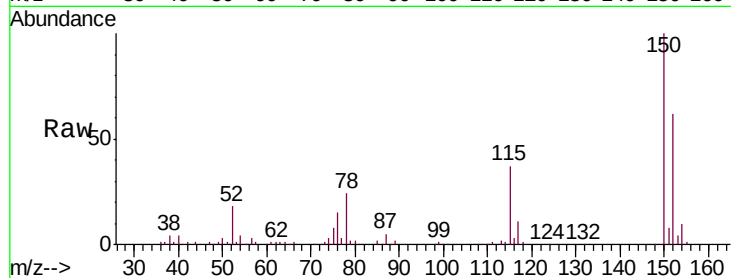
BFE62

Tgt Ion: 75 Resp: 11088

Ion Ratio Lower Upper

75 100

77 37.1 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

