

Data File : VU035922.D
Acq On : 29 Nov 2019 14:57
Operator : JC/SP
Sample : K6061-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XQ2

Quant Time: Nov 30 03:24:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	230826	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	265111	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	73725	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	120419	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.93	69	115282	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.60	63	143891	2.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.40%#
20) 2-Butanone-d5	4.69	46	224250	32.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.28%
24) Chloroform-d	5.11	84	193324	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.80%
26) 1,2-Dichloroethane-d4	5.75	65	120599	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.77	84	408415	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.73	67	147540	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.93	98	323225	3.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.20%#
43) trans-1,3-Dichloropropene-	8.21	79	46560	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.70	63	216989	40.71	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.42%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	118514	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	79740	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

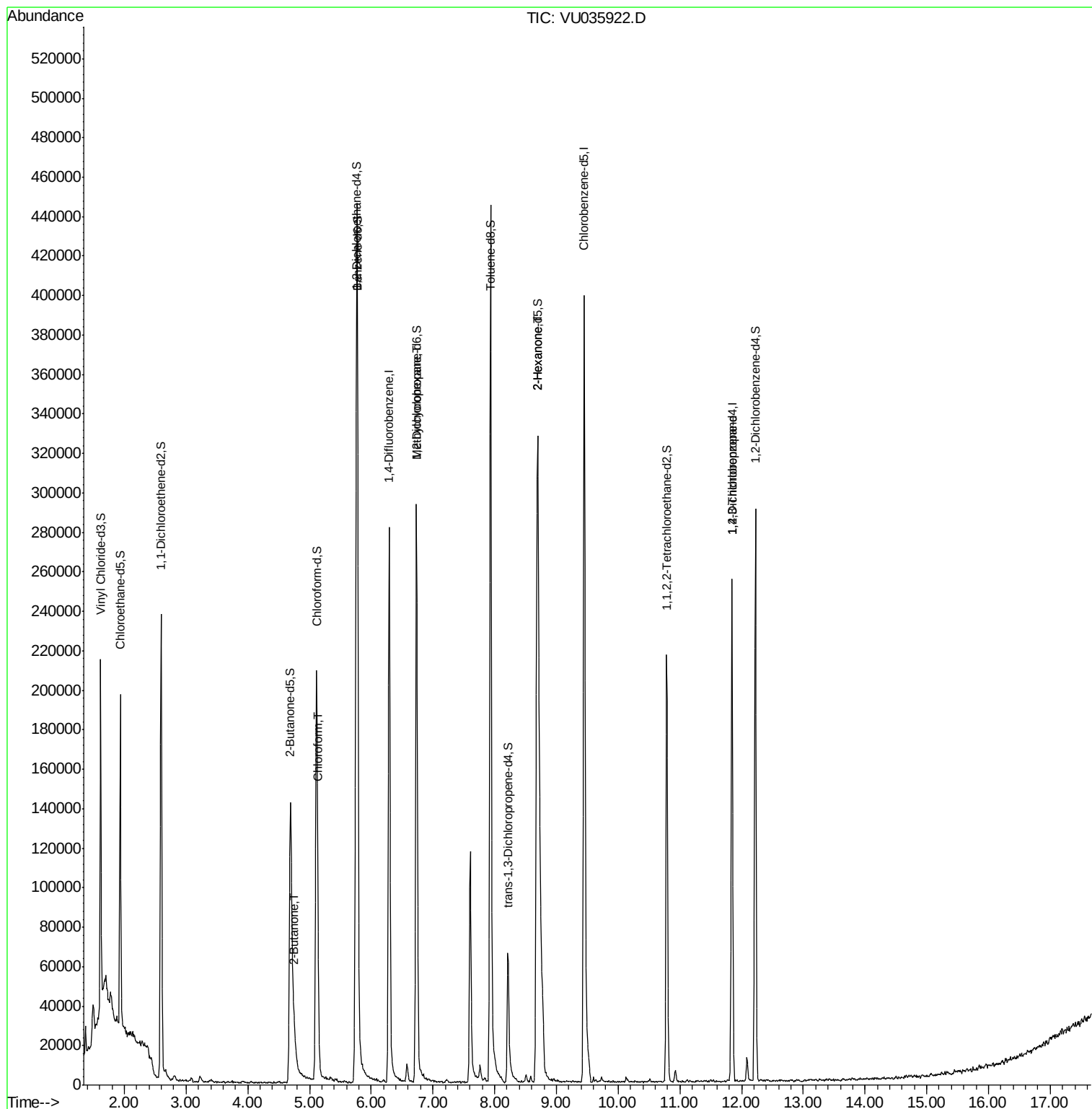
Target Compounds					Qvalue
21) 2-Butanone	4.75	43	22472	2.898 ug/L #	69
25) Chloroform	5.14	83	31811	0.615 ug/L	97
35) Methylcyclohexane	6.73	83	32711	0.822 ug/L #	14
48) 2-Hexanone	8.70	43	25253	1.780 ug/L #	73
59) 1,2,3-Trichloropropane	11.84	75	8692	0.426 ug/L #	78

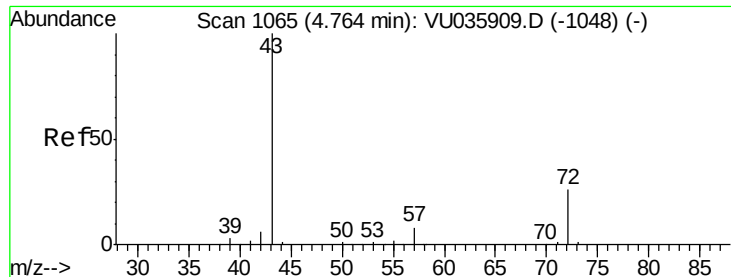
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 2.898 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

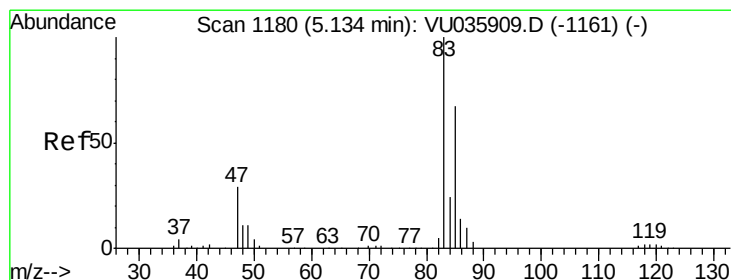
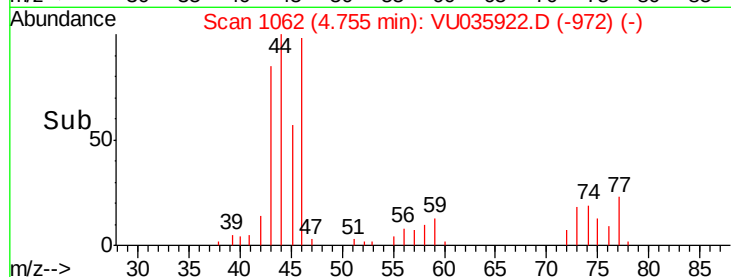
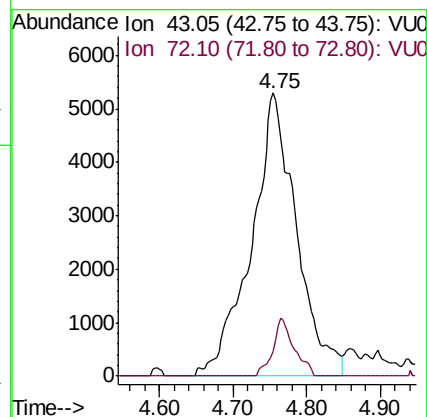
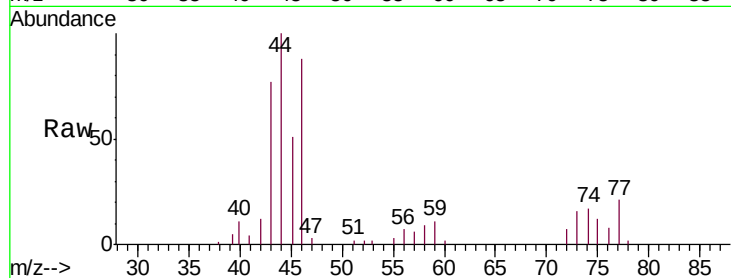
C0XQ2

Tgt Ion: 43 Resp: 22472

Ion Ratio Lower Upper

43 100

72 9.5 12.4 37.4#



#25

Chloroform

Concen: 0.615 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.01 min

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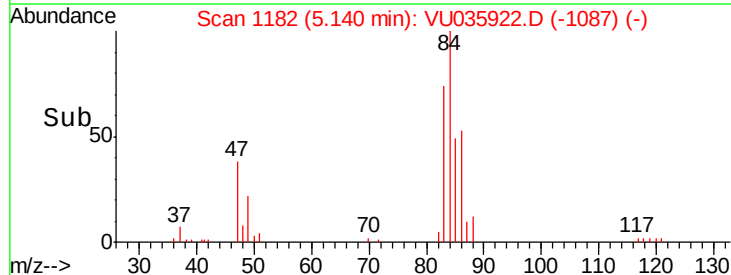
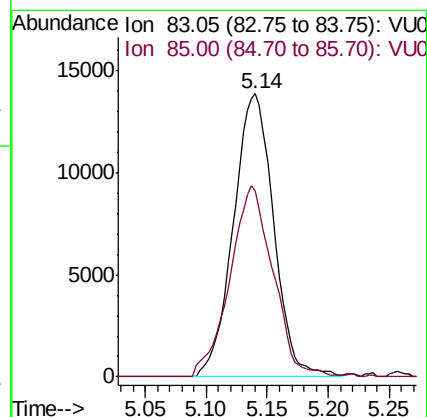
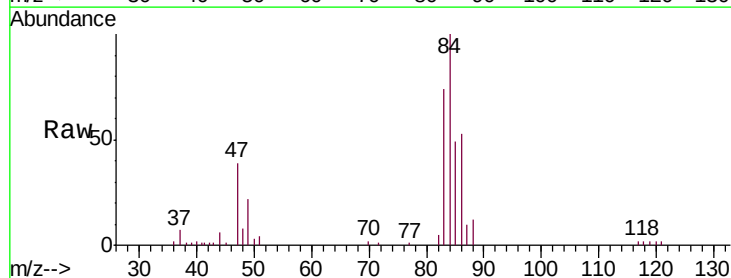
Acq: 29 Nov 2019 14:57

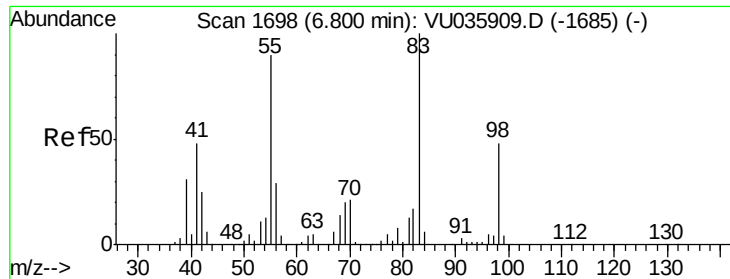
Tgt Ion: 83 Resp: 31811

Ion Ratio Lower Upper

83 100

85 65.8 44.6 82.8

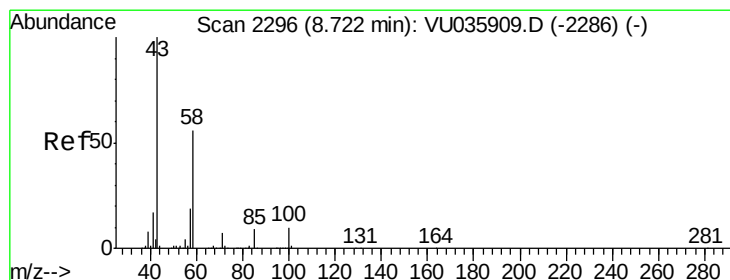
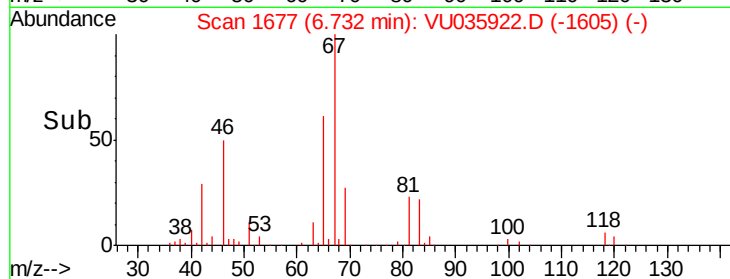
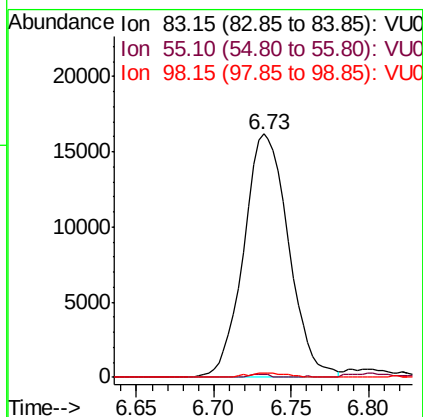
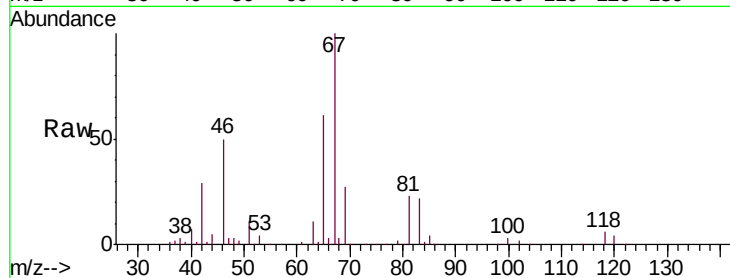




#35
Methylcyclohexane
Concen: 0.822 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
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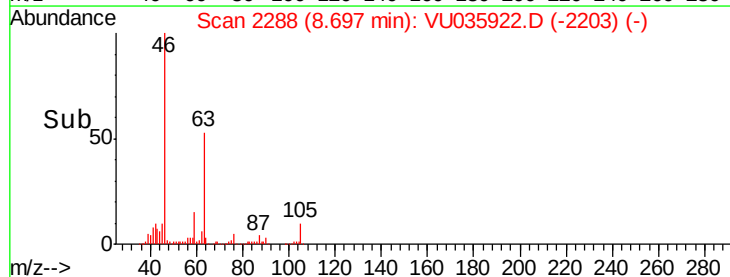
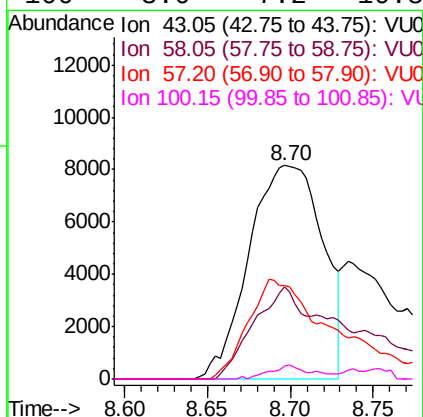
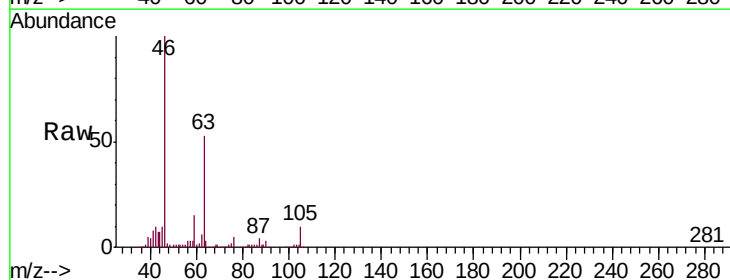
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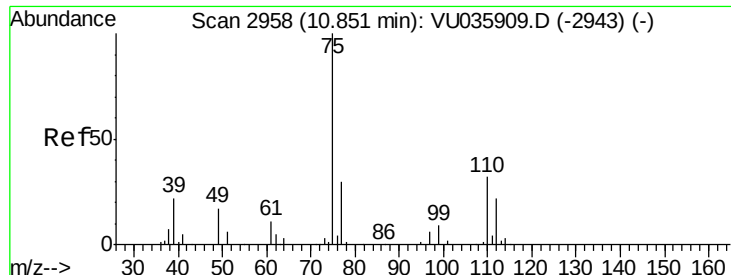
Tgt Ion: 83 Resp: 32711
Ion Ratio Lower Upper
83 100
55 0.5 72.7 109.1#
98 1.5 36.2 54.4#



#48
2-Hexanone
Concen: 1.780 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. -0.03 min
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Tgt Ion: 43 Resp: 25253
Ion Ratio Lower Upper
43 100
58 42.9 39.8 59.8
57 53.6 14.0 21.0#
100 3.0 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 0.426 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035922.D

Acq: 29 Nov 2019 14:57

Instrument :

MSVOA_U

ClientSampleId :

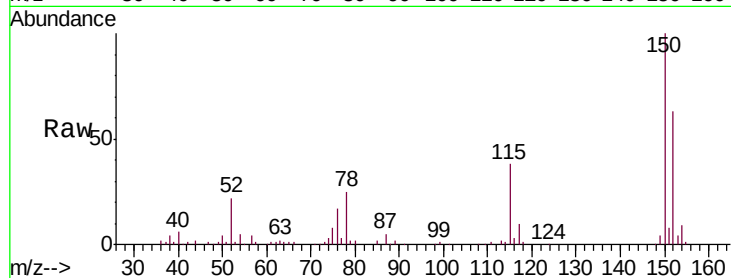
C0XQ2

Tgt Ion: 75 Resp: 8692

Ion Ratio Lower Upper

75 100

77 44.0 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

