

Data File : VV010444.D
Acq On : 23 Apr 2019 09:06
Operator : SY/MD
Sample : K2481-11
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHW4

Quant Time: Apr 24 02:13:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 02:09:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	233275	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	206800	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80706	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	48244	15.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.04%
7) Chloroethane-d5	1.57	69	42826	17.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.52%
10) 1,1-Dichloroethene-d2	2.12	63	85085	14.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.72%
20) 2-Butanone-d5	4.01	46	157	0.21	ug/L	0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.42%#
24) Chloroform-d	4.39	84	115309	20.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.92%
26) 1,2-Dichloroethane-d4	5.08	65	71230	20.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.48%
29) Benzene-d6	5.10	84	216353	22.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.64%
33) 1,2-Dichloropropane-d6	6.11	67	68286	24.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.00%
37) Toluene-d8	7.36	98	203830	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.92%
38) trans-1,3-Dichloropropene-	7.66	79	24180	17.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.72%
39) 2-Hexanone-d5	8.13	63	21582	38.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57010	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	69093	22.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.12%

Target Compounds

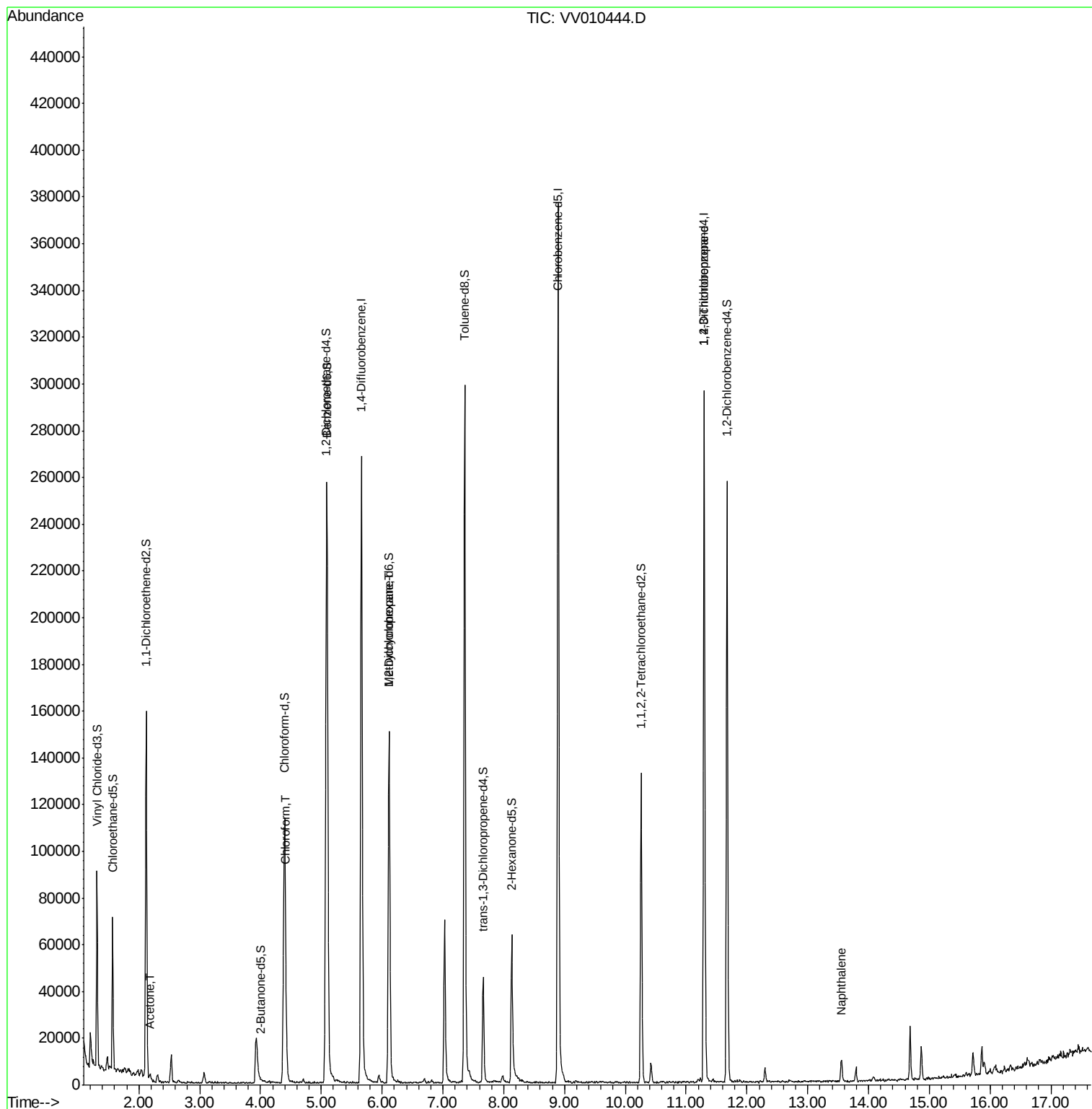
					Qvalue
13) Acetone	2.19	43	1873	2.325 ug/L	99
25) Chloroform	4.42	83	6911	1.239 ug/L	88
36) Methylcyclohexane	6.12	83	17934	4.331 ug/L #	20
59) 1,2,3-Trichloropropane	11.30	75	8983	4.639 ug/L #	87
69) Naphthalene	13.56	128	8126	1.777 ug/L #	92

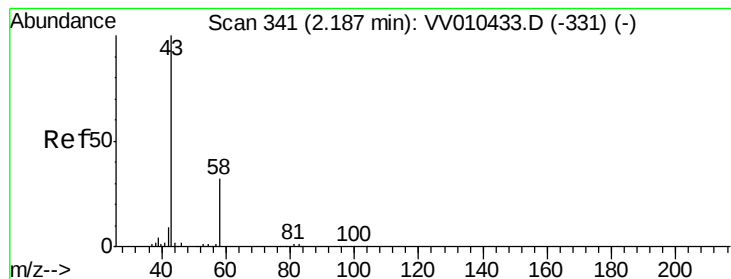
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.325 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Acq: 23 Apr 2019 09:06

Instrument :

MSVOA_V

ClientSampleId :

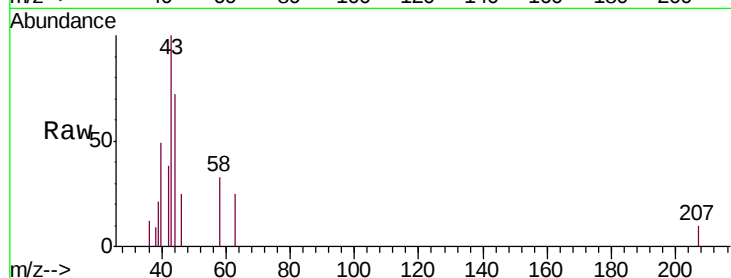
GAHW4

Tgt Ion: 43 Resp: 1873

Ion Ratio Lower Upper

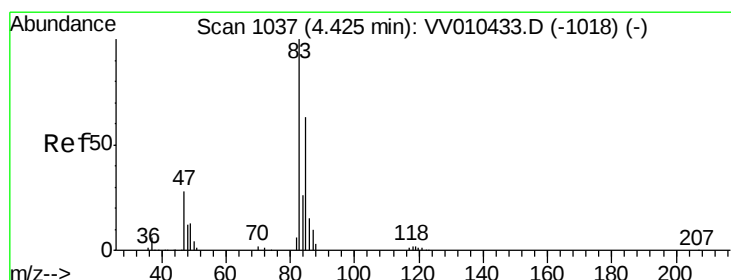
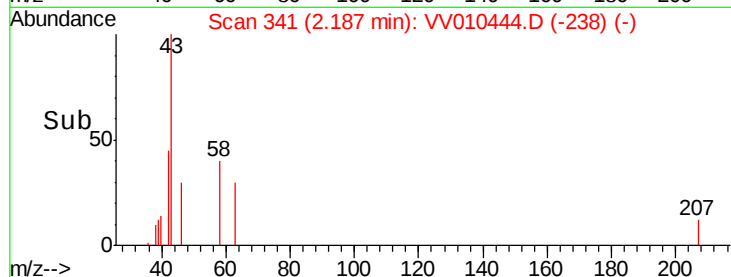
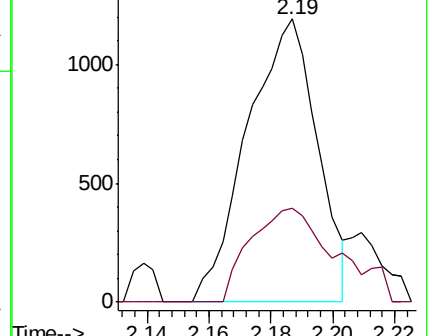
43 100

58 32.5 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV010433.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010433.D (-331) (-)



#25

Chloroform

Concen: 1.239 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV010444.D

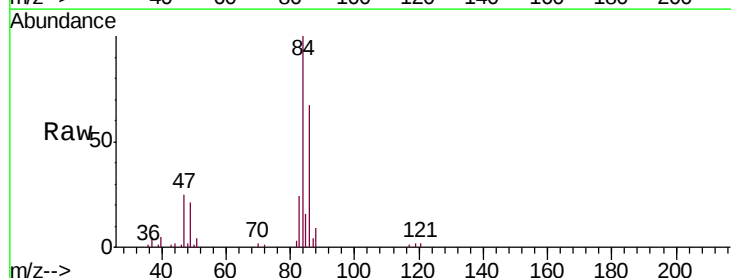
Acq: 23 Apr 2019 09:06

Tgt Ion: 83 Resp: 6911

Ion Ratio Lower Upper

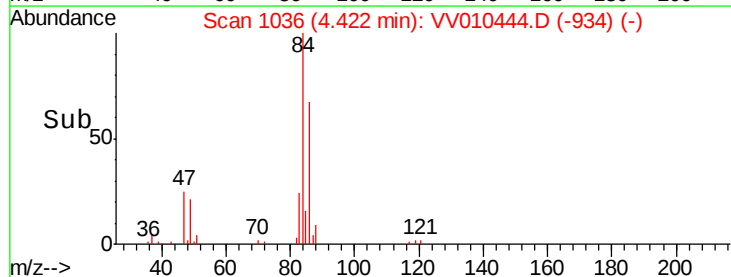
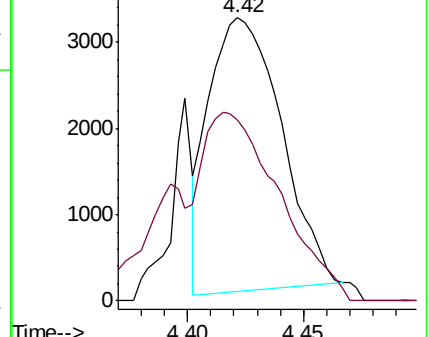
83 100

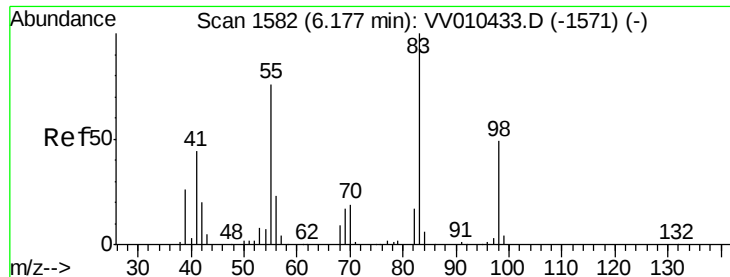
85 75.2 46.1 85.5



Abundance Ion 83.00 (82.70 to 83.70): VV010433.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV010433.D (-1018) (-)

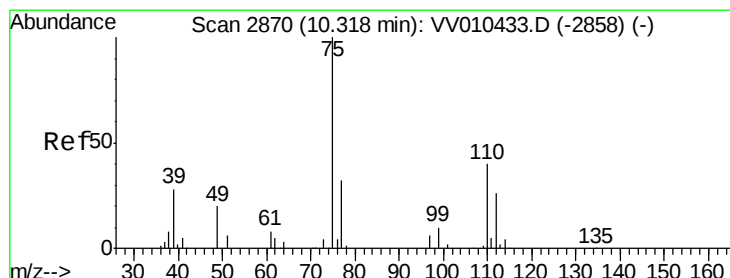
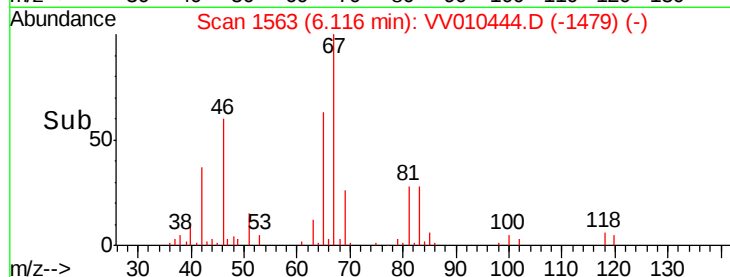
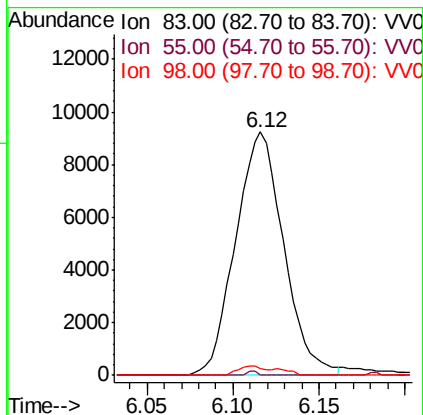
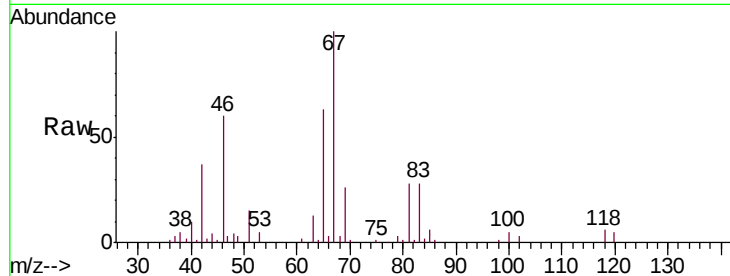




#36
Methylcyclohexane
Concen: 4.331 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010444.D
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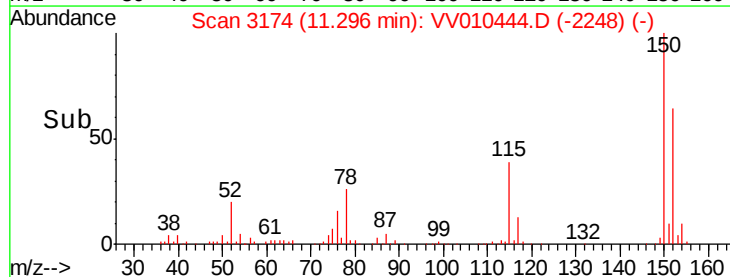
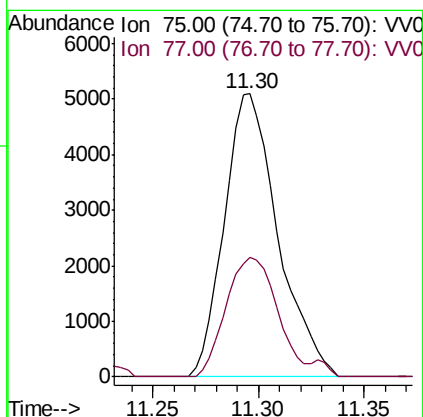
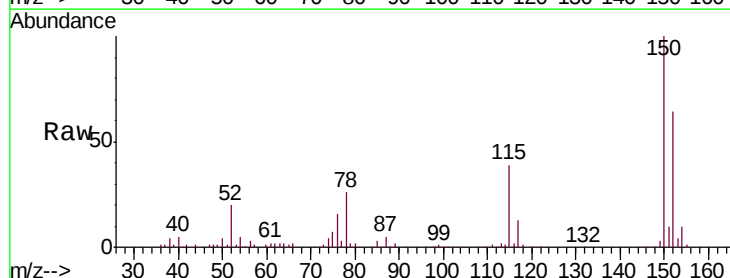
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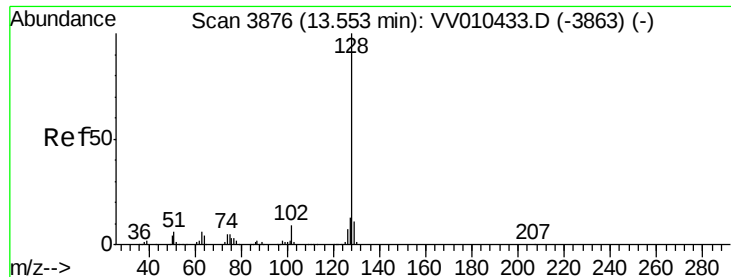
Tgt Ion: 83 Resp: 17934
Ion Ratio Lower Upper
83 100
55 0.3 59.6 89.4#
98 2.3 38.0 57.0#



#59
1,2,3-Trichloropropane
Concen: 4.639 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010444.D
Acq: 23 Apr 2019 09:06

Tgt Ion: 75 Resp: 8983
Ion Ratio Lower Upper
75 100
77 40.1 26.2 39.2#





#69

Naphthalene

Concen: 1.777 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV010444.D

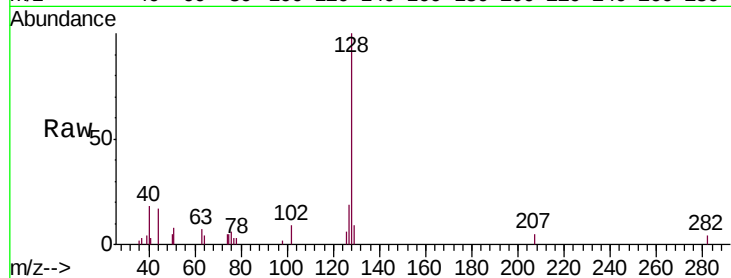
Acq: 23 Apr 2019 09:06

Instrument :

MSVOA_V

ClientSampleId :

GAHW4



Tgt Ion:128 Resp: 8126

Ion Ratio Lower Upper

128 100

129 5.7 8.4 12.6#

127 14.2 10.2 15.2

