

Data File : VV010427.D
Acq On : 22 Apr 2019 22:34
Operator : SY/MD
Sample : K2456-15
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN5

Quant Time: Apr 23 07:01:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	467266	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	457928	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	219750	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78176	12.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.56%
7) Chloroethane-d5	1.58	69	74281	14.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.32%
10) 1,1-Dichloroethene-d2	2.13	63	129354	10.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.04%#
20) 2-Butanone-d5	3.93	46	46385	30.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.62%
24) Chloroform-d	4.40	84	187983	16.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.84%
26) 1,2-Dichloroethane-d4	5.08	65	121948	17.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.64%#
29) Benzene-d6	5.10	84	362454	17.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.56%
33) 1,2-Dichloropropane-d6	6.12	67	111204	17.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.32%
37) Toluene-d8	7.36	98	351628	16.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.60%
38) trans-1,3-Dichloropropene-	7.66	79	45586	14.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.36%
39) 2-Hexanone-d5	8.13	63	35488	28.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	93596	15.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	61.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	146717	17.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.28%#

Target Compounds

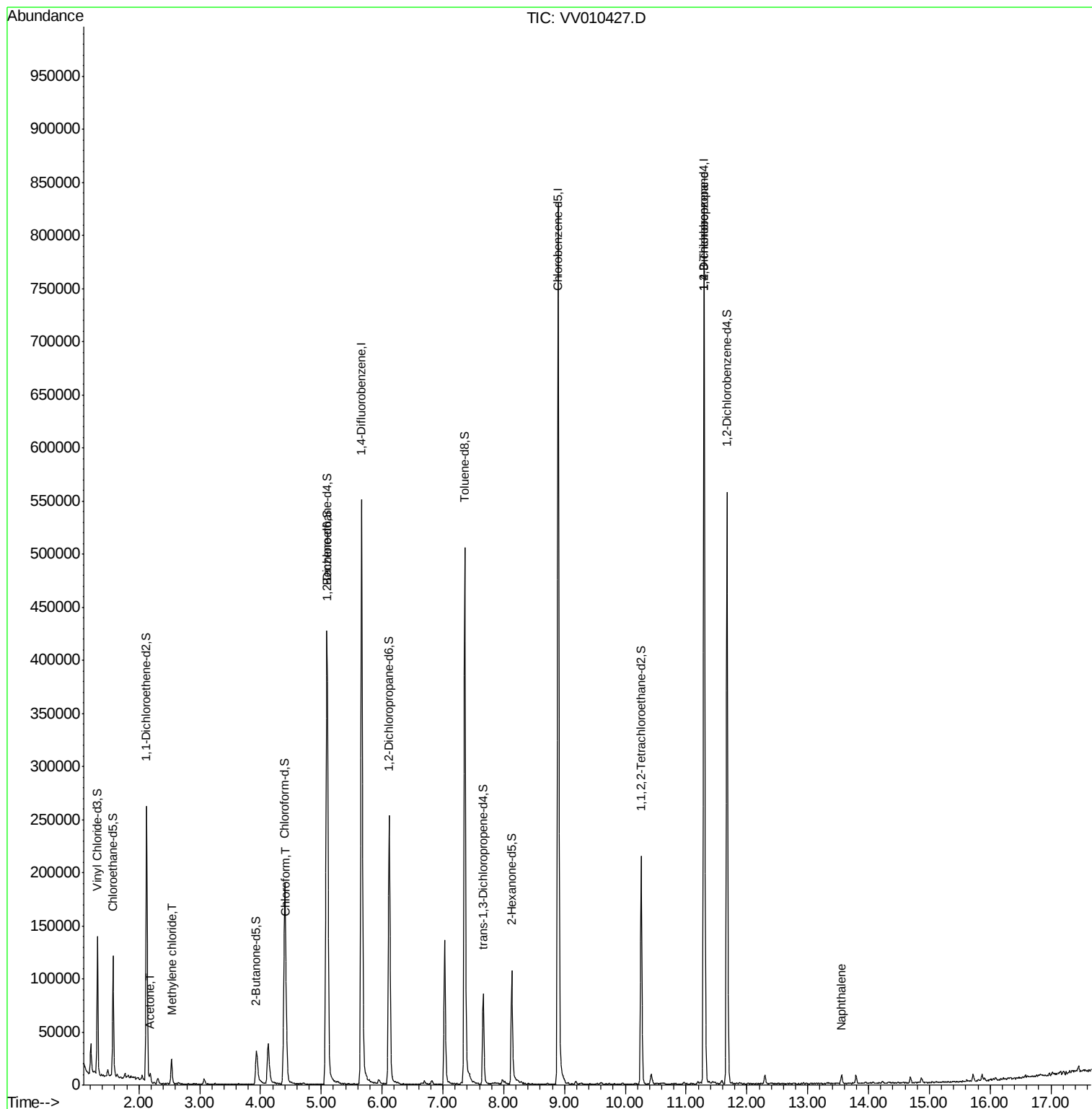
					Qvalue
13) Acetone	2.19	43	4390	2.721 ug/L	79
16) Methylene chloride	2.53	84	10146	1.481 ug/L	94
25) Chloroform	4.43	83	15367	1.375 ug/L	86
59) 1,2,3-Trichloropropane	11.30	75	25397	5.922 ug/L #	86
69) Naphthalene	13.56	128	6816	0.547 ug/L #	95

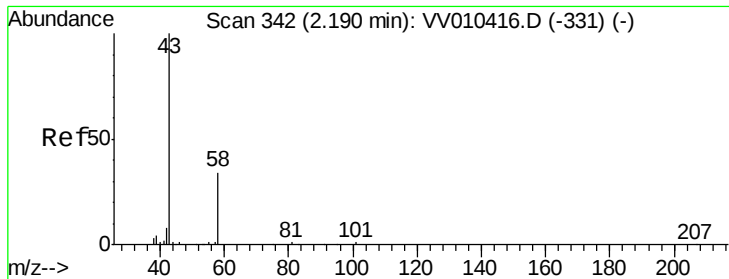
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.721 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

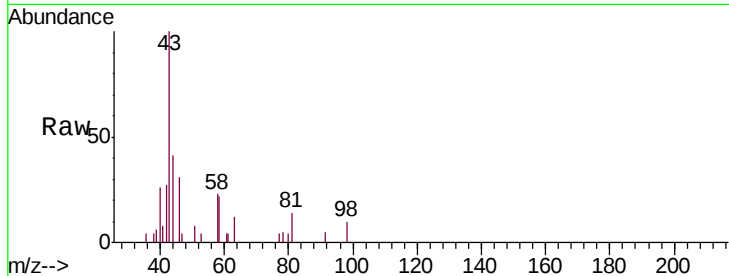
GAHN5

Tgt Ion: 43 Resp: 4390

Ion Ratio Lower Upper

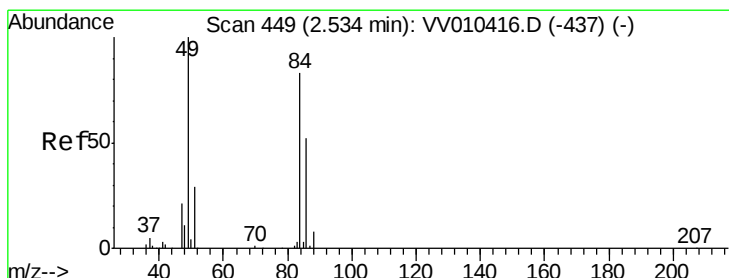
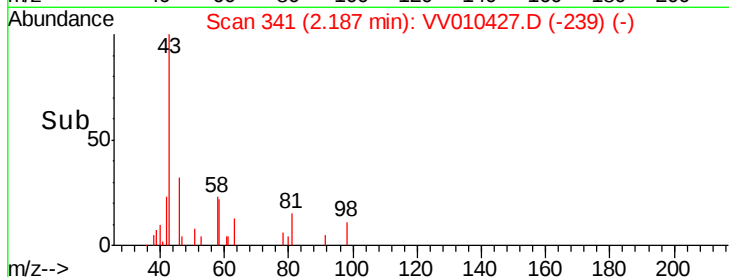
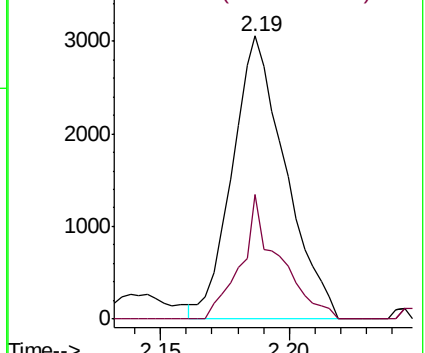
43 100

58 21.5 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV010416.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010416.D (-331) (-)



#16

Methylene chloride

Concen: 1.481 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010427.D

Acq: 22 Apr 2019 22:34

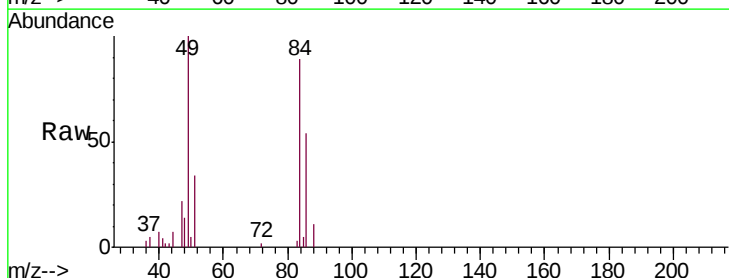
Tgt Ion: 84 Resp: 10146

Ion Ratio Lower Upper

84 100

49 112.7 85.0 158.0

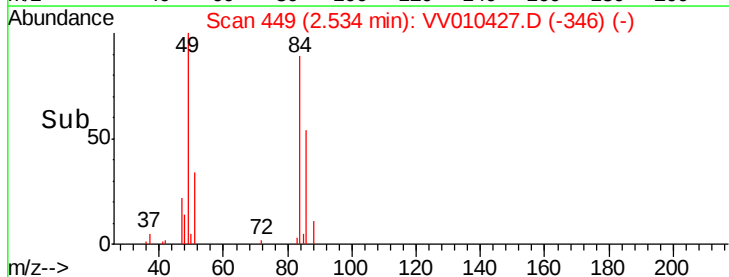
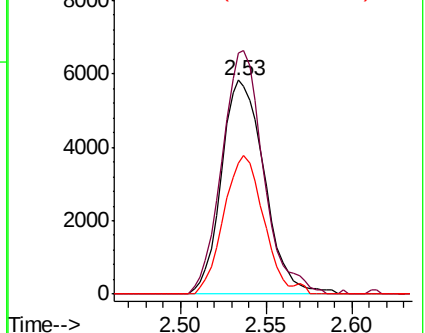
86 61.3 43.9 81.5

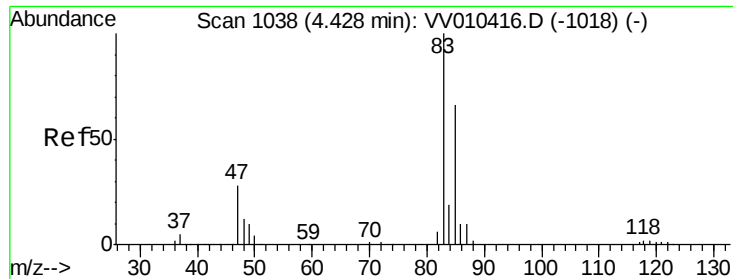


Abundance Ion 84.00 (83.70 to 84.70): VV010416.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010416.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010416.D (-437) (-)

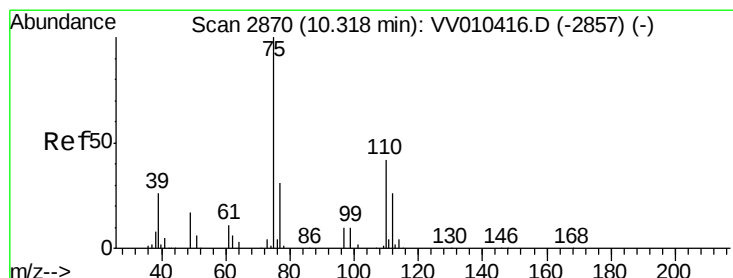
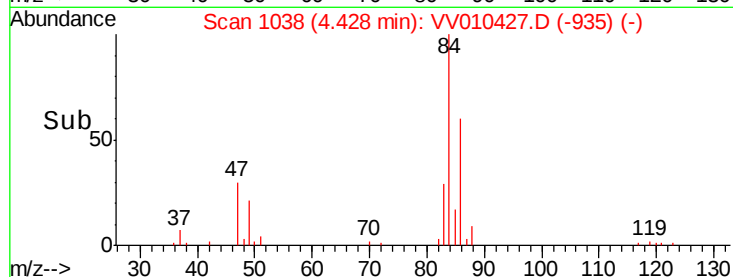
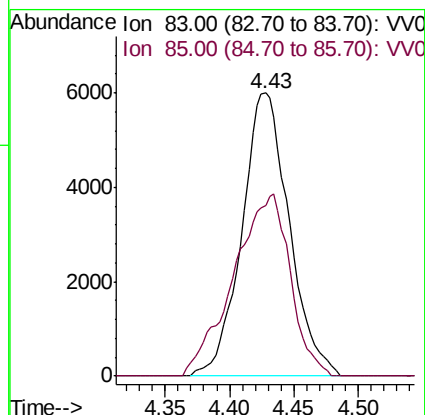
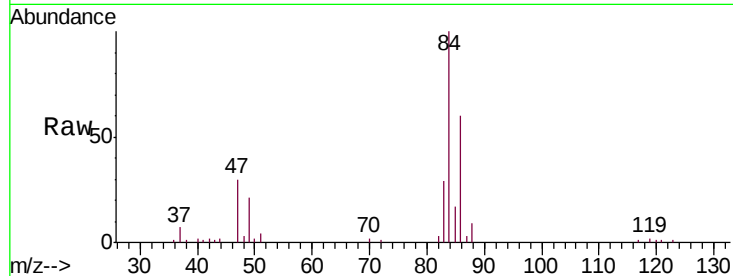




#25
Chloroform
Concen: 1.375 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
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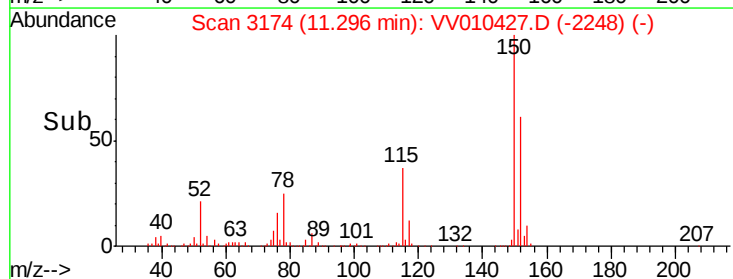
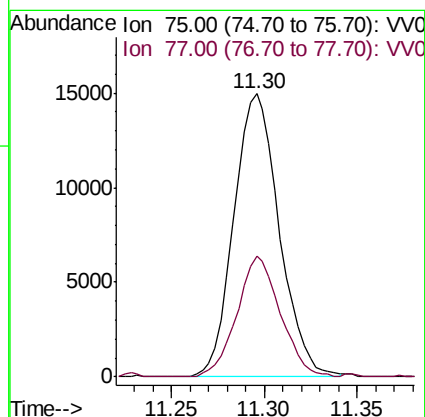
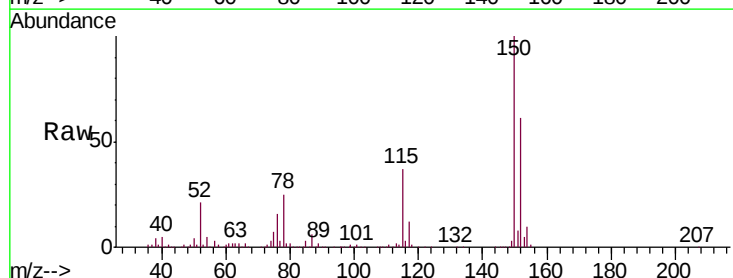
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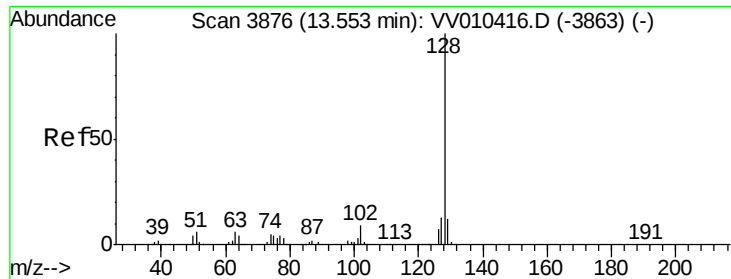
Tgt Ion: 83 Resp: 15367
Ion Ratio Lower Upper
83 100
85 76.8 46.1 85.5



#59
1,2,3-Trichloropropane
Concen: 5.922 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010427.D
Acq: 22 Apr 2019 22:34

Tgt Ion: 75 Resp: 25397
Ion Ratio Lower Upper
75 100
77 40.6 26.2 39.2#





#69

Naphthalene

Concen: 0.547 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV010427.D

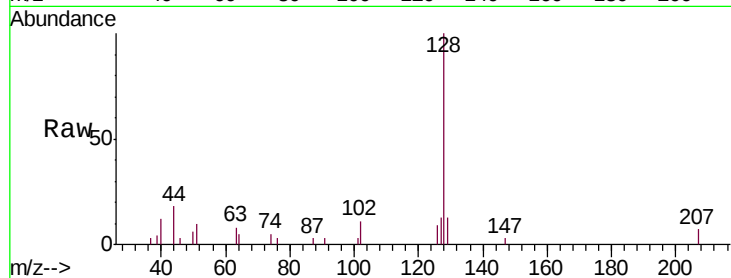
Acq: 22 Apr 2019 22:34

Instrument :

MSVOA_V

ClientSampleId :

GAHN5



Tgt Ion:128 Resp: 6816

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

127 9.9 10.2 15.2#

