

Data File : VW009404.D
Acq On : 23 Mar 2019 22:05
Operator : SY/VA
Sample : K2062-20
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0H7

Quant Time: Mar 23 23:56:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	381090	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	376786	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	172100	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98117	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.20%
7) Chloroethane-d5	2.89	69	104795	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
10) 1,1-Dichloroethene-d2	4.01	63	157839	16.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.16%
20) 2-Butanone-d5	7.07	46	98628	52.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.74%
24) Chloroform-d	7.65	84	256862	24.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	8.60	65	114	0.02	ug/L	0.30
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	453670	21.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.32%
33) 1,2-Dichloropropane-d6	9.27	67	148208	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.00%
37) Toluene-d8	10.32	98	397312	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.72%
38) trans-1,3-Dichloropropene-	10.58	79	65437	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.52%
39) 2-Hexanone-d5	10.93	63	72192	47.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154400	25.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	162933	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%

Target Compounds

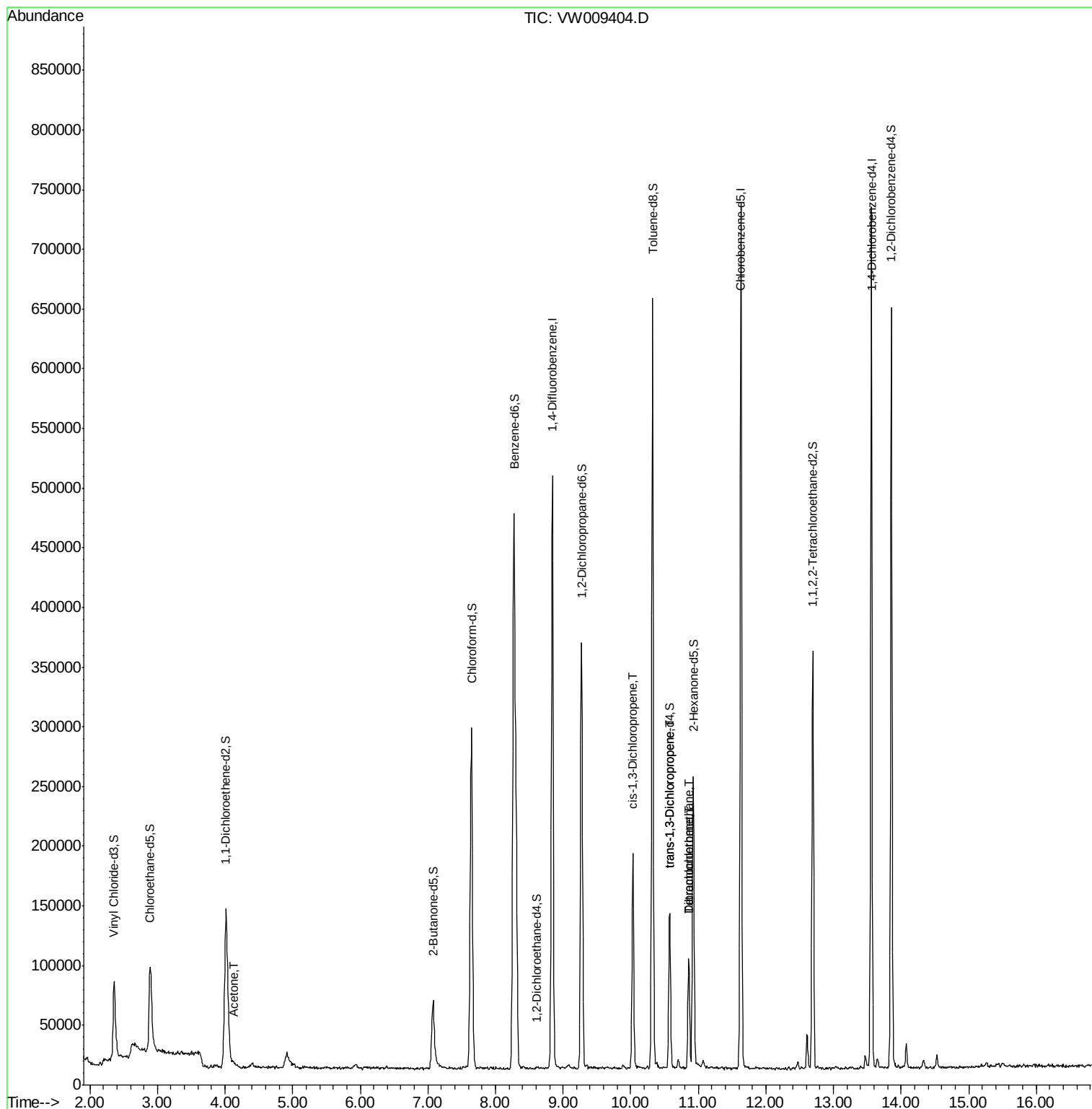
					Qvalue
13) Acetone	4.12	43	2891	1.872 ug/L	56
42) cis-1,3-Dichloropropene	10.03	75	5403	0.627 ug/L	88
45) trans-1,3-Dichloropropene	10.57	75	3636	0.485 ug/L	98
47) Tetrachloroethene	10.86	164	19549	4.210 ug/L	92
50) Dibromochloromethane	10.86	129	17318	3.323 ug/L #	10

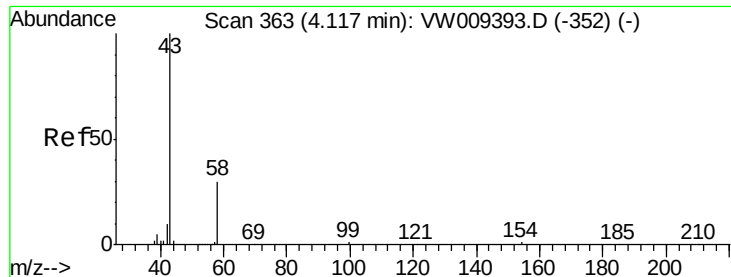
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.872 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 23 Mar 2019 22:05

Instrument :

MSVOA_W

ClientSampleId :

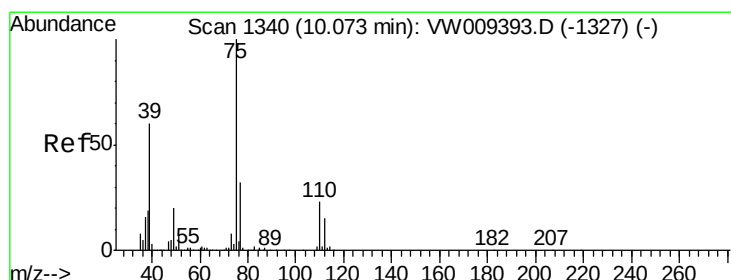
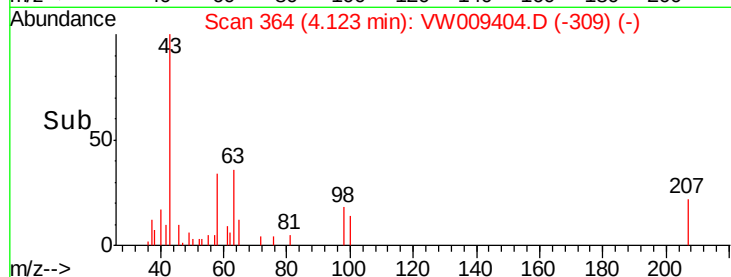
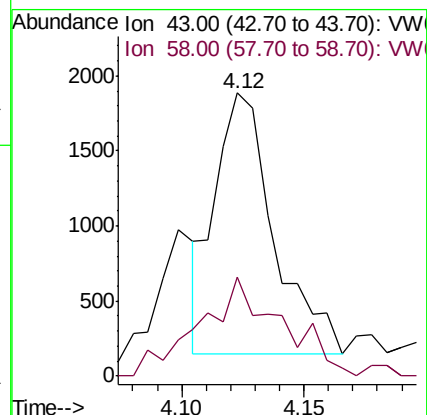
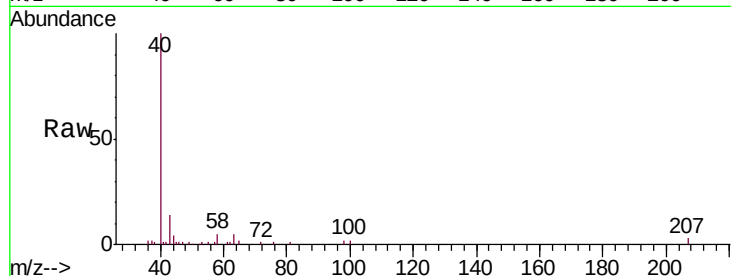
BF0H7

Tgt Ion: 43 Resp: 2891

Ion Ratio Lower Upper

43 100

58 5.1 0.0 56.2



#42

cis-1,3-Dichloropropene

Concen: 0.627 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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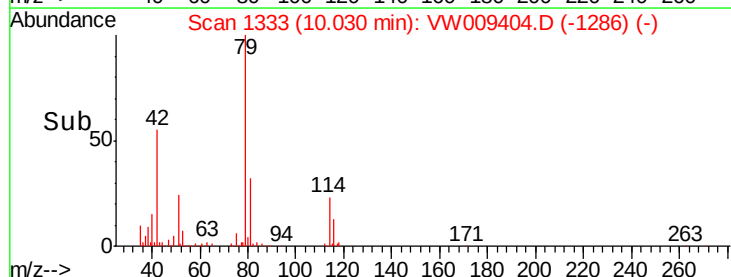
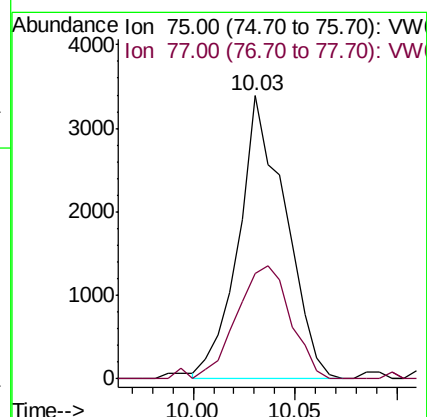
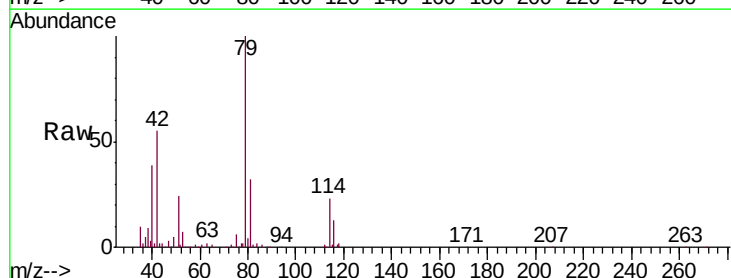
Acq: 23 Mar 2019 22:05

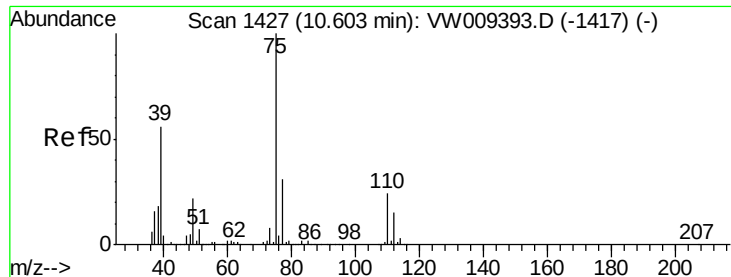
Tgt Ion: 75 Resp: 5403

Ion Ratio Lower Upper

75 100

77 37.2 21.6 40.2





#45

trans-1,3-Dichloropropene

Concen: 0.485 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009404.D

Acq: 23 Mar 2019 22:05

Instrument :

MSVOA_W

ClientSampleId :

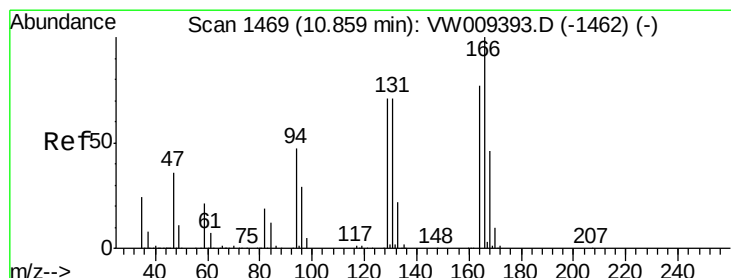
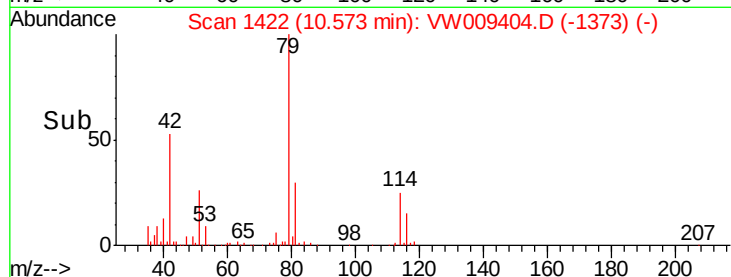
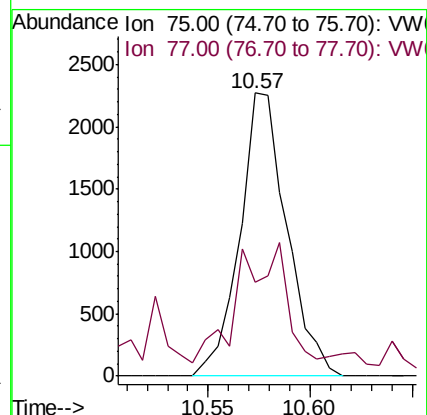
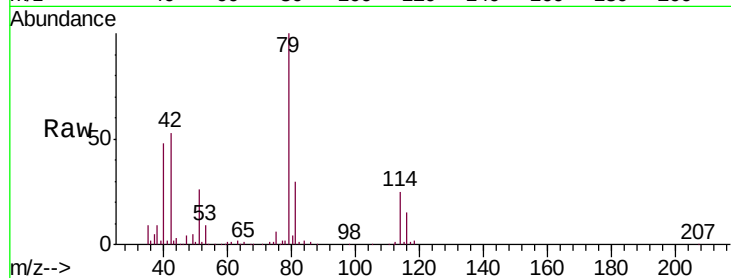
BF0H7

Tgt Ion: 75 Resp: 3636

Ion Ratio Lower Upper

75 100

77 33.0 22.5 41.7



#47

Tetrachloroethene

Concen: 4.210 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

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Acq: 23 Mar 2019 22:05

Tgt Ion: 164 Resp: 19549

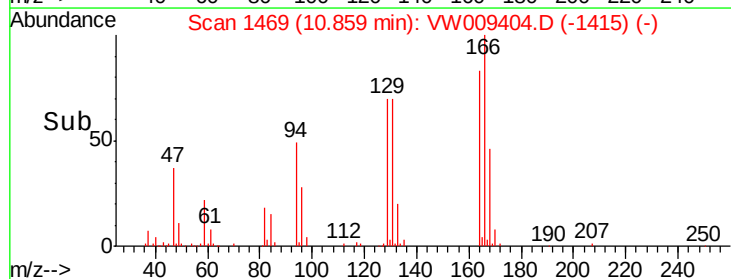
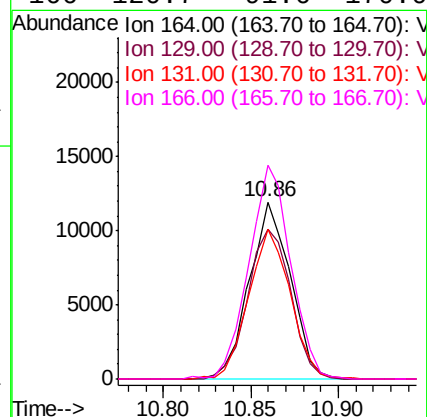
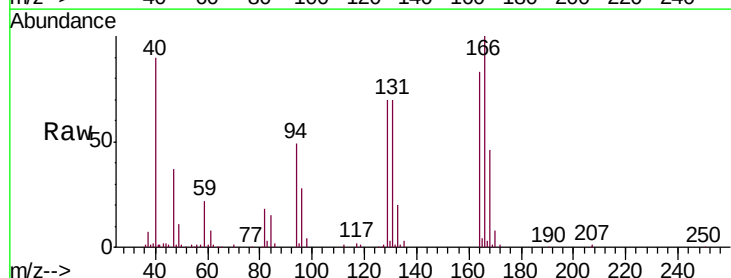
Ion Ratio Lower Upper

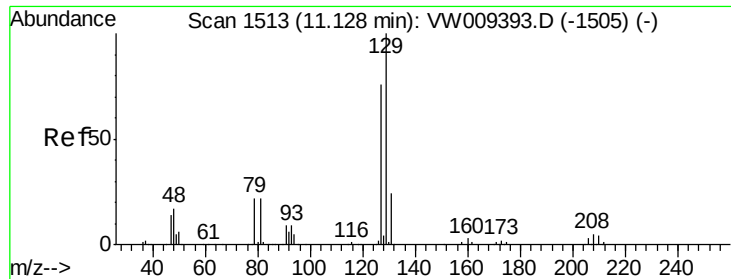
164 100

129 84.8 66.5 123.5

131 84.7 62.6 116.3

166 120.7 91.6 170.0





#50

Dibromochloromethane

Concen: 3.323 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009404.D

Acq: 23 Mar 2019 22:05

Instrument :

MSVOA_W

ClientSampleId :

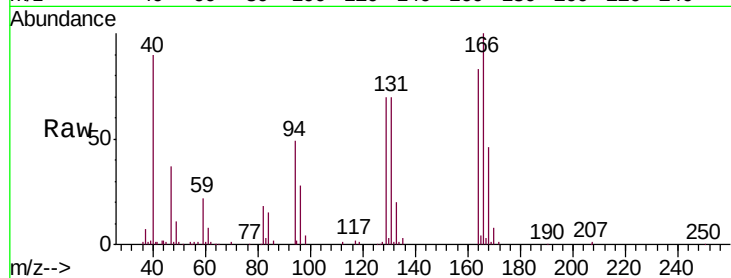
BF0H7

Tgt Ion:129 Resp: 17318

Ion Ratio Lower Upper

129 100

127 1.3 56.8 105.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

