

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003760.D
 Acq On : 14 Dec 2020 19:57
 Operator : SY/MD
 Sample : VIBLK66
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK66

Quant Time: Dec 15 03:42:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 03:40:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	347199	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	329574	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	168515	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	121775	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.80%
7) Chloroethane-d5	2.77	69	93209	26.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.56%
10) 1,1-Dichloroethene-d2	3.86	63	183454	18.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.72%
20) 2-Butanone-d5	6.90	46	102923	49.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.70%
24) Chloroform-d	7.49	84	215122	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	8.15	65	130164	25.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.12%
29) Benzene-d6	8.12	84	454531	23.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.32%
33) 1,2-Dichloropropane-d6	9.12	67	138005	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.92%
37) Toluene-d8	10.18	98	417481	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.72%
38) trans-1,3-Dichloropropene-	10.44	79	71545	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.84%
39) 2-Hexanone-d5	10.79	63	82055	50.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.18%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	121404	23.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.52%
61) 1,2-Dichlorobenzene-d4	13.72	152	151842	25.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.36%

Target Compounds

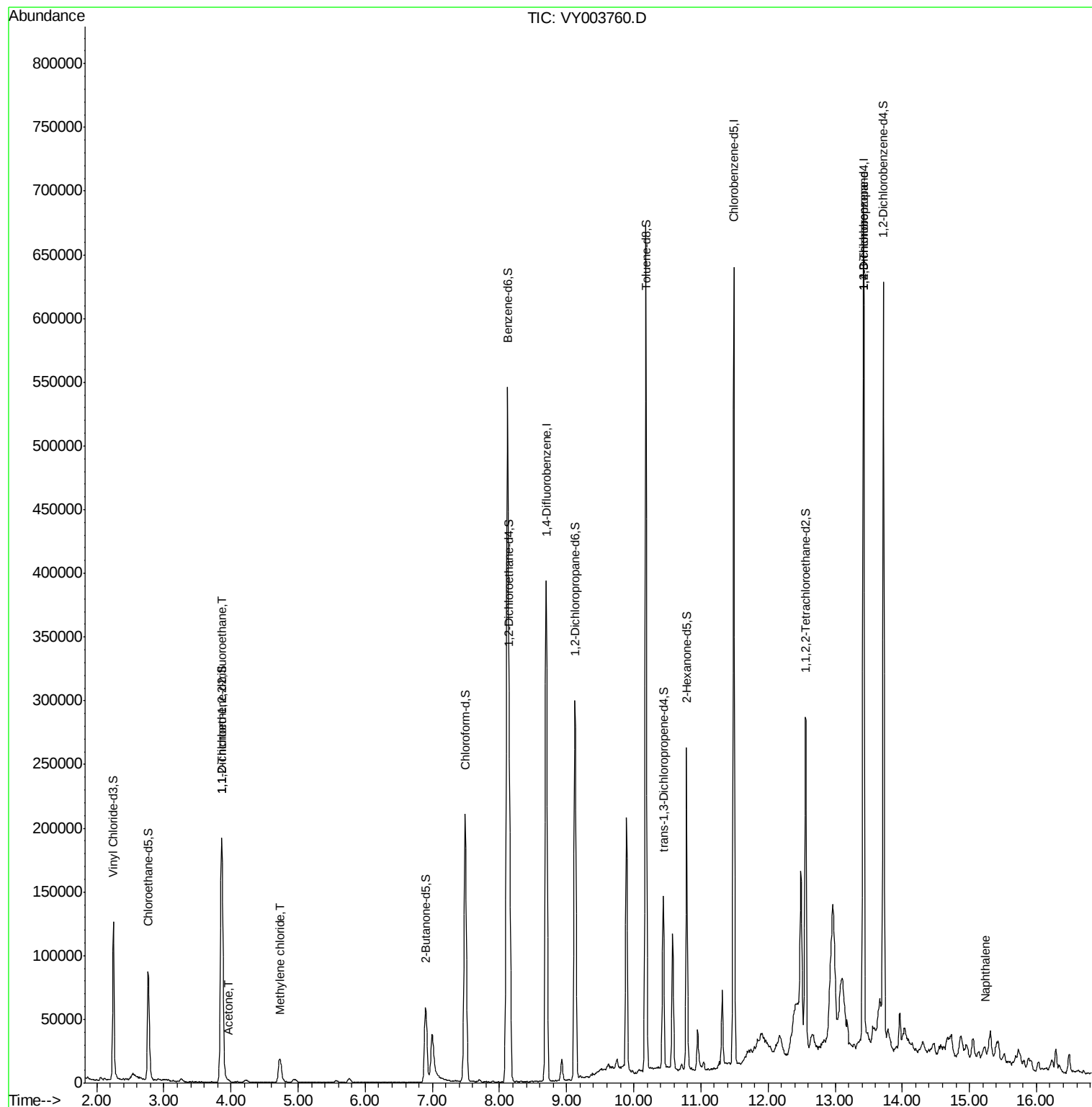
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	3.86	101	1910	0.378 ug/L #	22
13) Acetone	3.96	43	2340	1.644 ug/L	74
16) Methylene chloride	4.73	84	13575	2.178 ug/L	91
59) 1,2,3-Trichloropropane	13.42	75	20935	4.826 ug/L	98
69) Naphthalene	15.23	128	2992	0.203 ug/L #	92

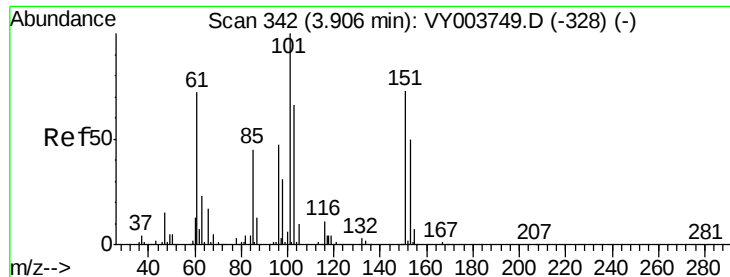
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
Data File : VY003760.D
Acq On : 14 Dec 2020 19:57
Operator : SY/MD
Sample : VIBLK66
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK66

Quant Time: Dec 15 03:42:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 15 03:40:13 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.378 ug/L

RT: 3.86 min Scan# 335

Delta R.T. -0.04 min

Lab File: VY003760.D

Acq: 14 Dec 2020 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK66

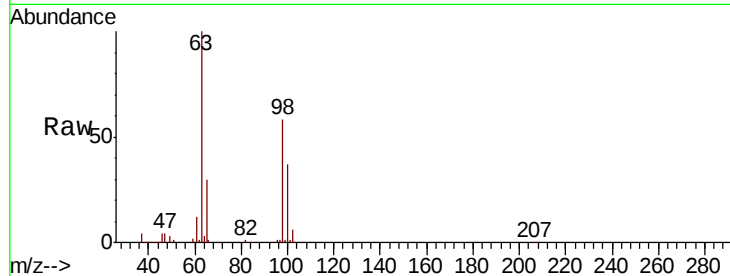
Tot Ion:101 Resp: 1910

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

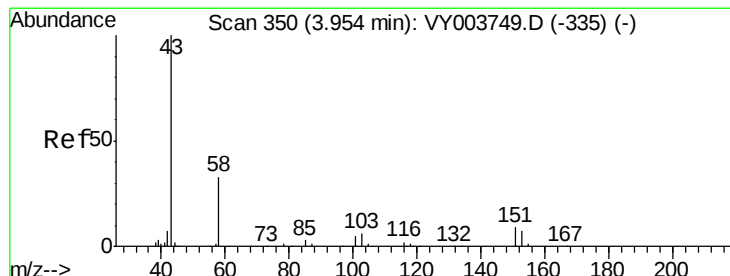
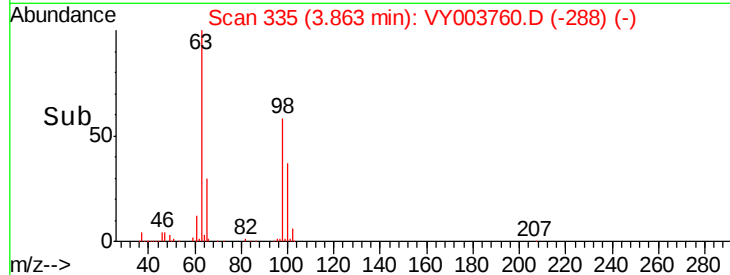
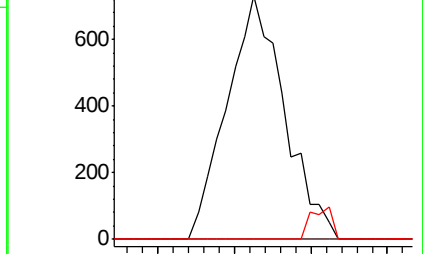
151 4.9 62.1 93.1#



Abundance Ion 101.00 (100.70 to 101.70): VY003760.D (-335) (-)

Ion 85.00 (84.70 to 85.70): VY003760.D (-335) (-)

Ion 151.00 (150.70 to 151.70): VY003760.D (-335) (-)



#13

Acetone

Concen: 1.644 ug/L

RT: 3.96 min Scan# 351

Delta R.T. 0.01 min

Lab File: VY003760.D

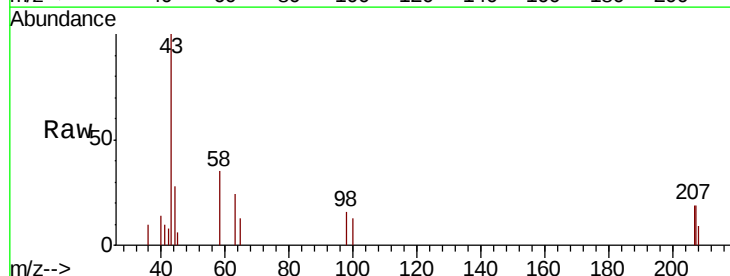
Acq: 14 Dec 2020 19:57

Tgt Ion: 43 Resp: 2340

Ion Ratio Lower Upper

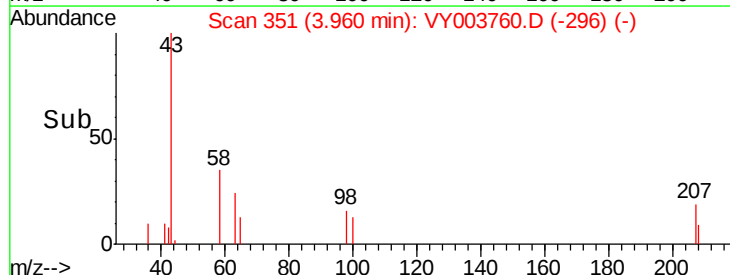
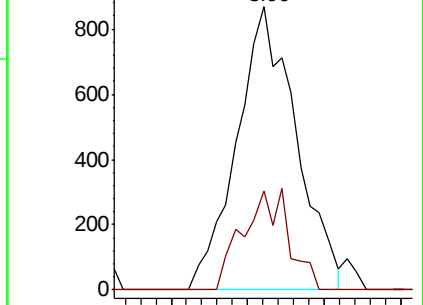
43 100

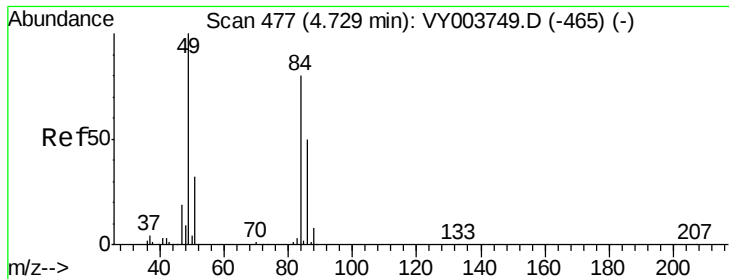
58 18.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VY003760.D (-296) (-)

Ion 58.00 (57.70 to 58.70): VY003760.D (-296) (-)

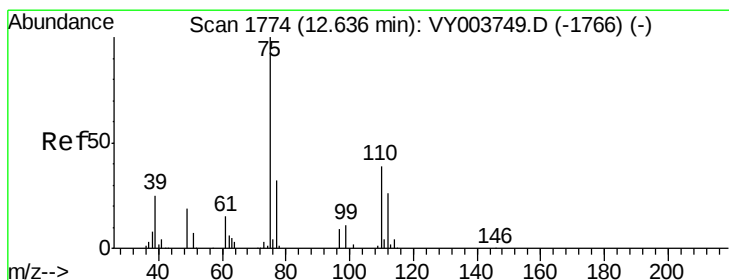
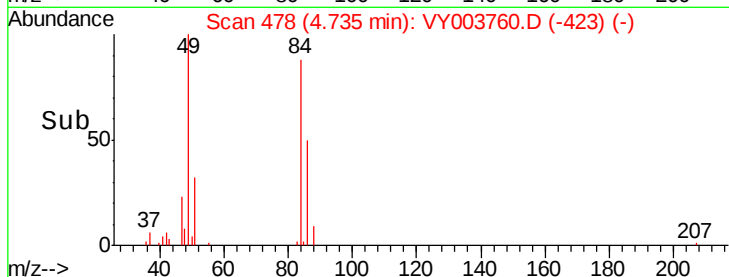
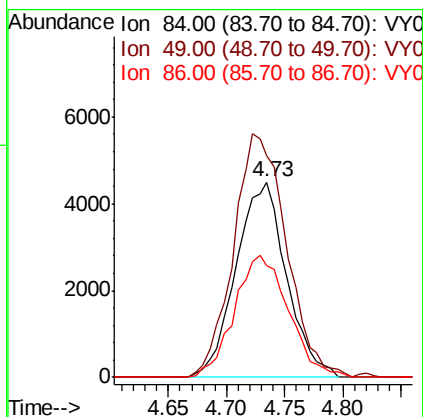
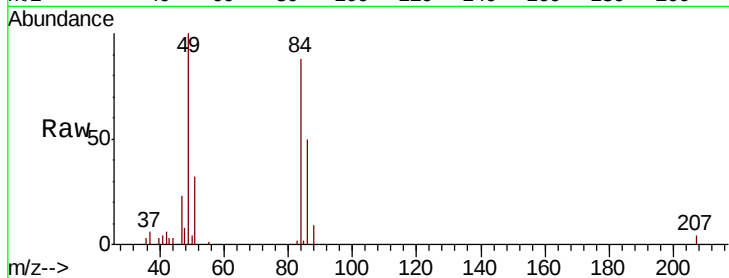




#16
Methvlene chloride
Concen: 2.178 ug/L
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003760.D
Acq: 14 Dec 2020 19:57

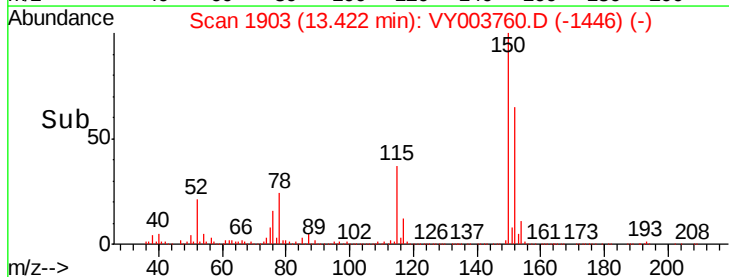
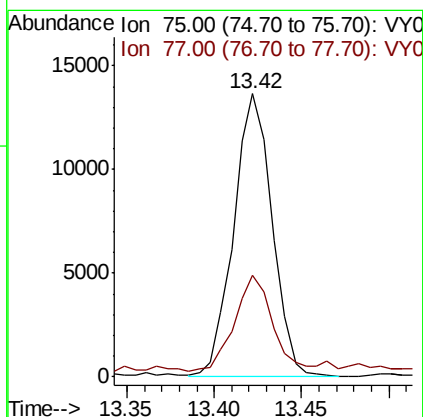
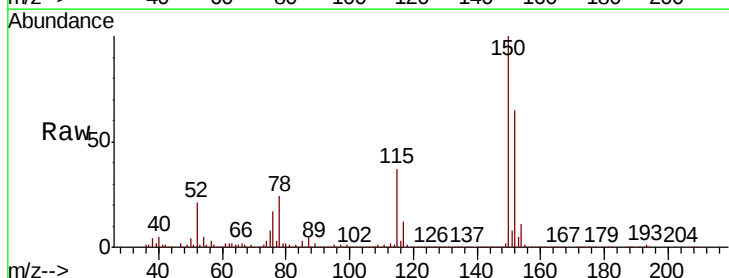
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK66

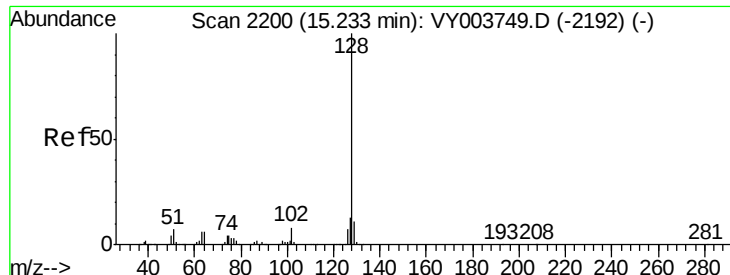
Tot Ion: 84 Resp: 13575
Ion Ratio Lower Upper
84 100
49 113.9 88.2 163.8
86 57.0 43.0 79.8



#59
1,2,3-Trichloropropane
Concen: 4.826 ug/L
RT: 13.42 min Scan# 1903
Delta R.T. 0.79 min
Lab File: VY003760.D
Acq: 14 Dec 2020 19:57

Tgt Ion: 75 Resp: 20935
Ion Ratio Lower Upper
75 100
77 32.9 25.5 38.3





#69

Naphthalene

Concen: 0.203 ug/L

RT: 15.23 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VY003760.D

Acq: 14 Dec 2020 19:57

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK66

Tot Ion:128 Resp: 2992

Ion Ratio Lower Upper

128 100

129 10.3 8.6 12.8

127 7.7 10.2 15.4#

