

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007764.D
 Acq On : 23 Sep 2018 04:15
 Operator : SY/MD
 Sample : J5013-04
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08T2

Quant Time: Sep 24 06:47:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 05:16:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	188093	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95745	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38223	37.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.78%
7) Chloroethane-d5	1.59	69	38790	41.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.52%
11) 1,1-Dichloroethene-d2	2.14	63	76316	31.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.32%
21) 2-Butanone-d5	3.95	46	56376	83.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.50%
24) Chloroform-d	4.41	84	90453	41.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.66%
26) 1,2-Dichloroethane-d4	5.09	65	62807	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
32) Benzene-d6	5.11	84	182831	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
36) 1,2-Dichloropropane-d6	6.13	67	54714	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.78%
41) Toluene-d8	7.36	98	187835	43.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.14%
43) trans-1,3-Dichloropropene-	7.67	79	23353	37.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.16%
47) 2-Hexanone-d5	8.14	63	41602	76.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.65%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80156	41.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.32%
64) 1,2-Dichlorobenzene-d4	11.68	152	87056	44.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

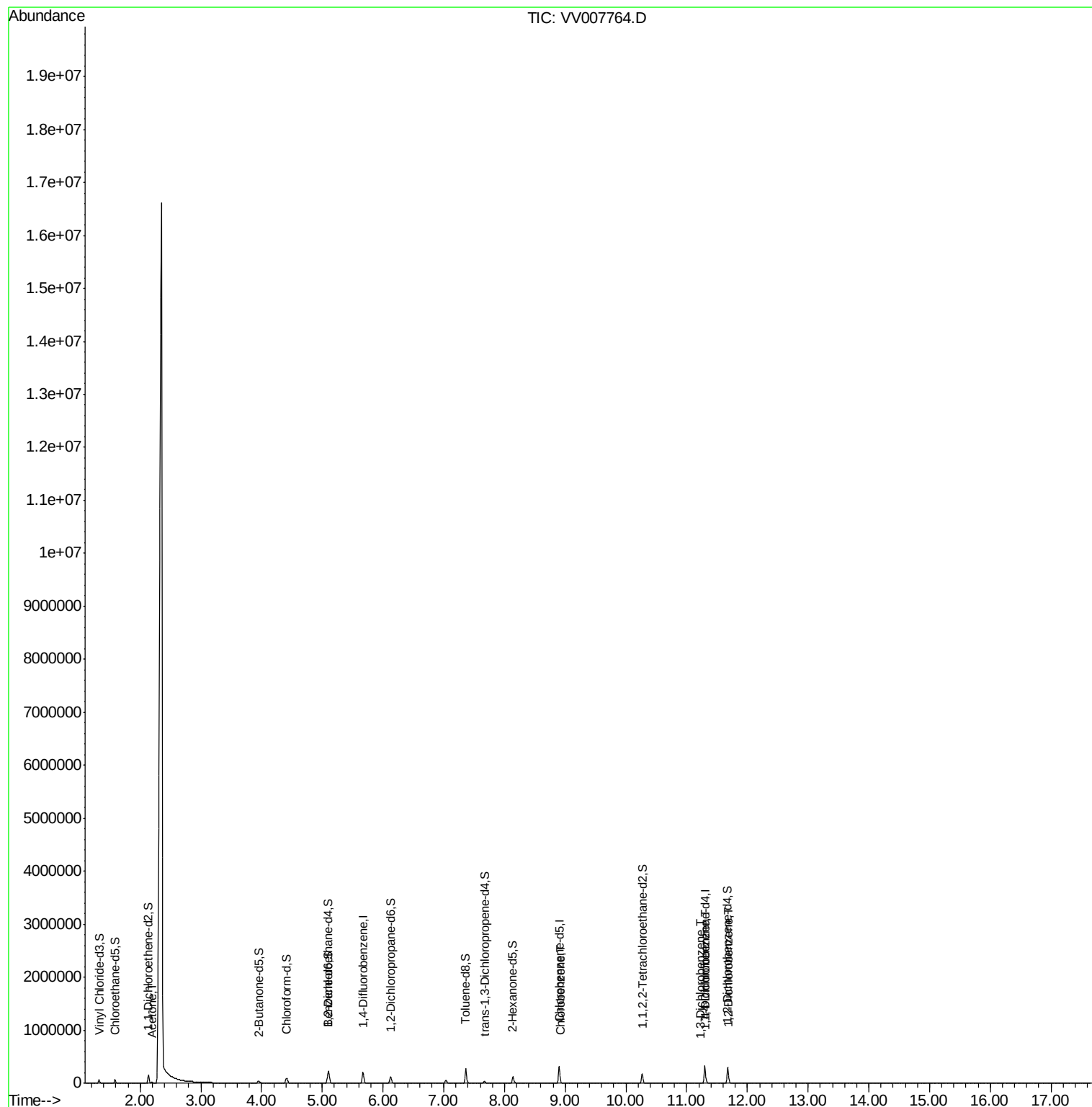
					Ovalue
13) Acetone	2.19	43	8579	12.040	ug/L 97
51) Chlorobenzene	8.93	112	2475	0.666	ug/L 91
62) 1,3-Dichlorobenzene	11.23	146	1489	0.490	ug/L 92
63) 1,4-Dichlorobenzene	11.32	146	6191	1.966	ug/L 97
65) 1,2-Dichlorobenzene	11.69	146	7382	2.405	ug/L 97

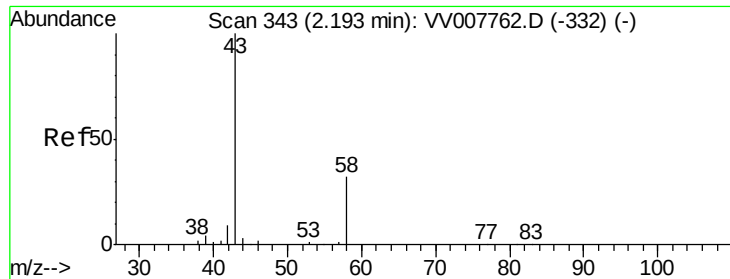
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 12.040 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007764.D

Acq: 23 Sep 2018 04:15

Instrument :

MSVOA_V

ClientSampleId :

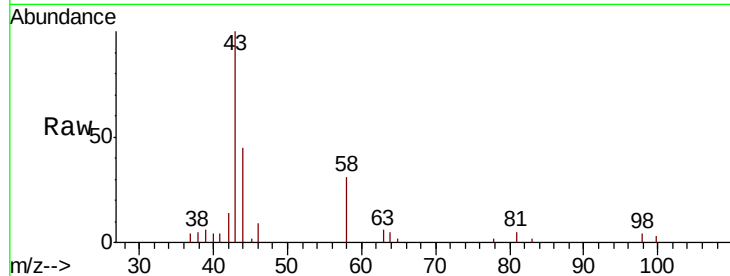
C08T2

Tot Ion: 43 Resp: 8579

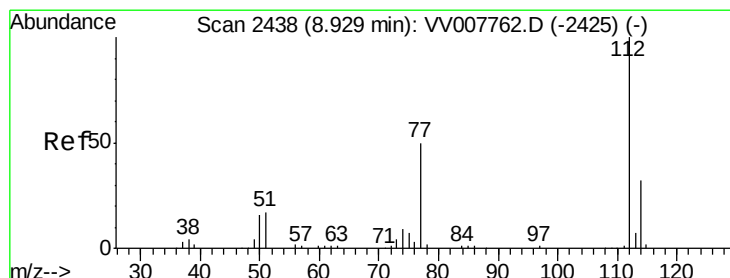
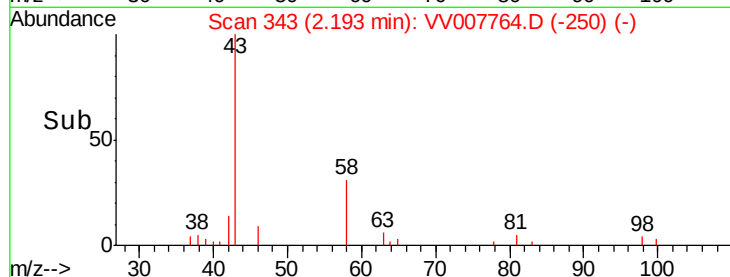
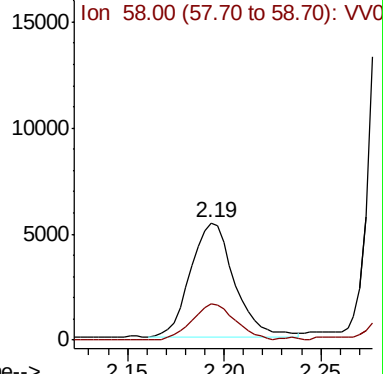
Ion Ratio Lower Upper

43 100

58 31.1 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV007762.D (-332) (-)



#51

Chlorobenzene

Concen: 0.666 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV007764.D

Acq: 23 Sep 2018 04:15

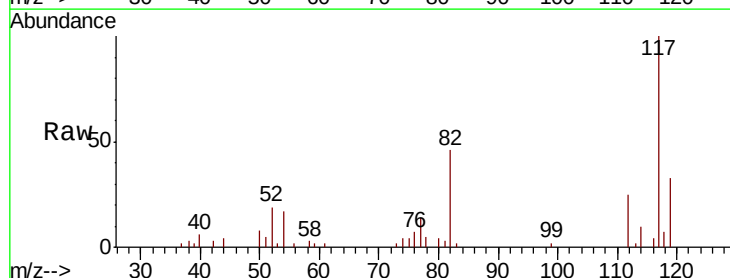
Tgt Ion: 112 Resp: 2475

Ion Ratio Lower Upper

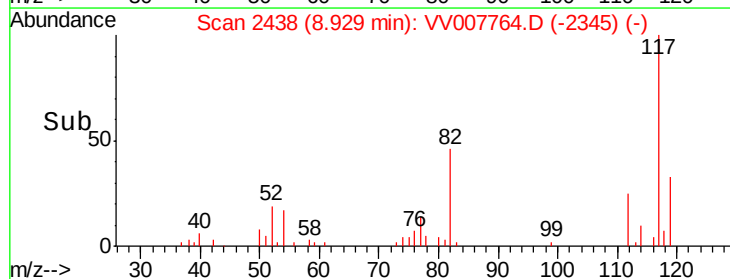
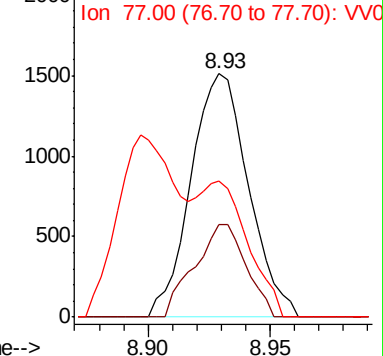
112 100

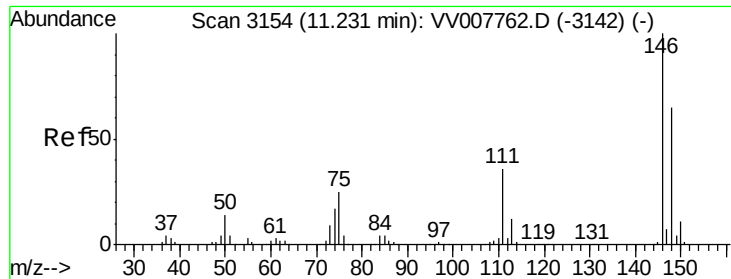
114 37.8 22.3 41.3

77 55.8 40.6 60.8



Abundance Ion 112.00 (111.70 to 112.70): VV007762.D (-2425) (-)

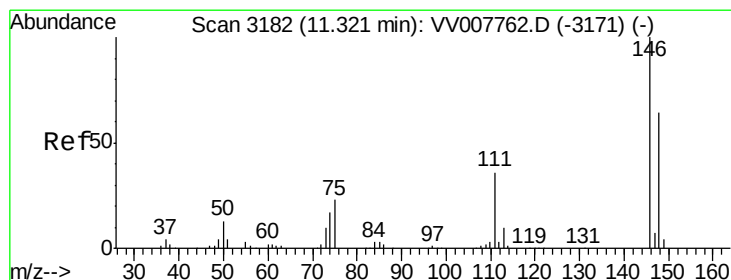
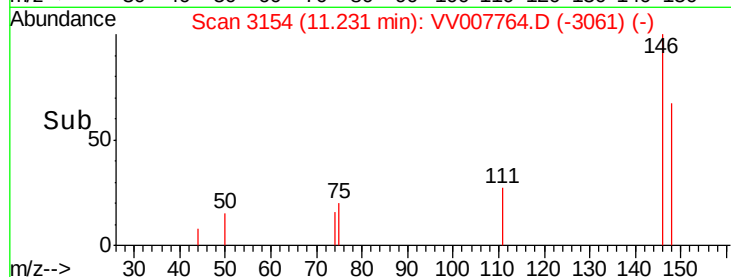
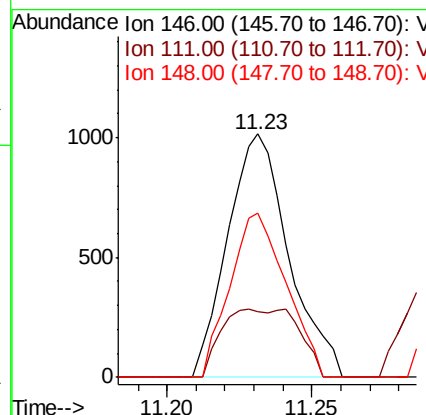
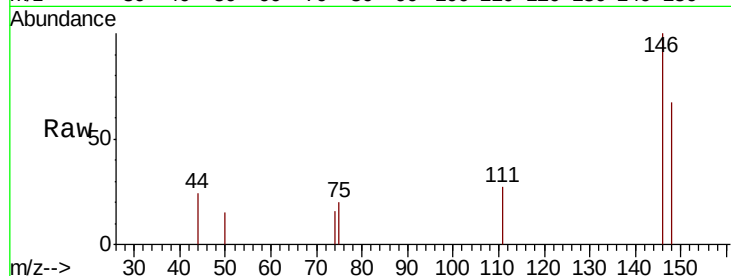




#62
 1,3-Dichlorobenzene
 Concen: 0.490 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: VV007764.D
 Acq: 23 Sep 2018 04:15

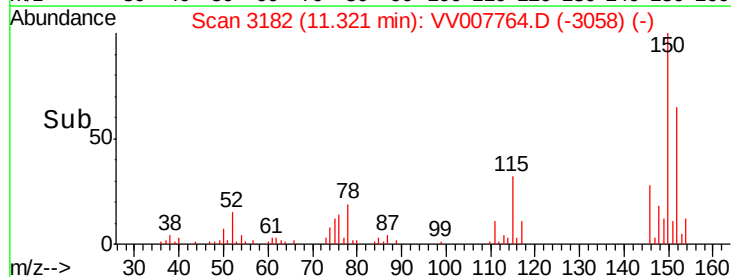
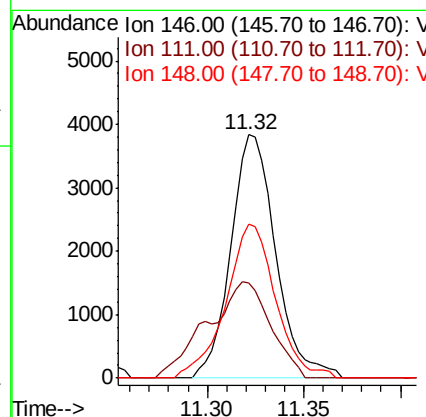
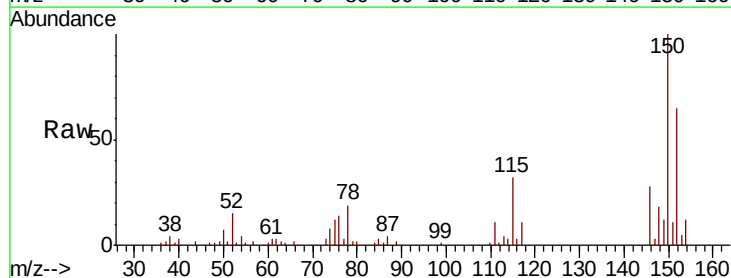
Instrument :
 MSVOA_V
 ClientSampled :
 C08T2

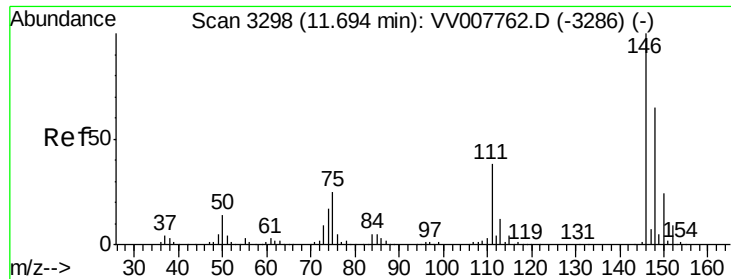
Tot Ion:146 Resp: 1489
 Ion Ratio Lower Upper
 146 100
 111 27.2 25.1 46.7
 148 67.2 45.1 83.9



#63
 1,4-Dichlorobenzene
 Concen: 1.966 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV007764.D
 Acq: 23 Sep 2018 04:15

Tgt Ion:146 Resp: 6191
 Ion Ratio Lower Upper
 146 100
 111 39.0 24.4 45.4
 148 63.5 45.1 83.7

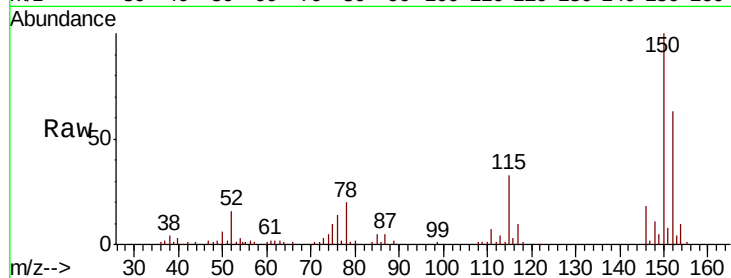




#65
 1,2-Dichlorobenzene
 Concen: 2.405 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VV007764.D
 Acq: 23 Sep 2018 04:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C08T2

Tot Ion:146 Resp: 7382
 Ion Ratio Lower Upper
 146 100
 111 40.6 29.8 44.8
 148 62.0 50.8 76.2



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

