

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR090718\
 Data File : VR025688.D
 Acq On : 7 Sep 2018 15:28
 Operator : SY/MD
 Sample : J4749-22
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK02

Quant Time: Sep 08 03:05:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 08 02:10:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	744758	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	612471	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	185531	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	145542	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	2.63	69	119857	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	3.63	63	271013	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	6.59	46	123876	37.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.80%
24) Chloroform-d	7.20	84	286917	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	7.90	65	98889	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
32) Benzene-d6	7.85	84	689710	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	8.90	67	185494	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	9.97	98	633561	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	10.24	79	36691	3.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.60%
46) 2-Hexanone-d5	10.59	63	128365	38.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72486	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	126272	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

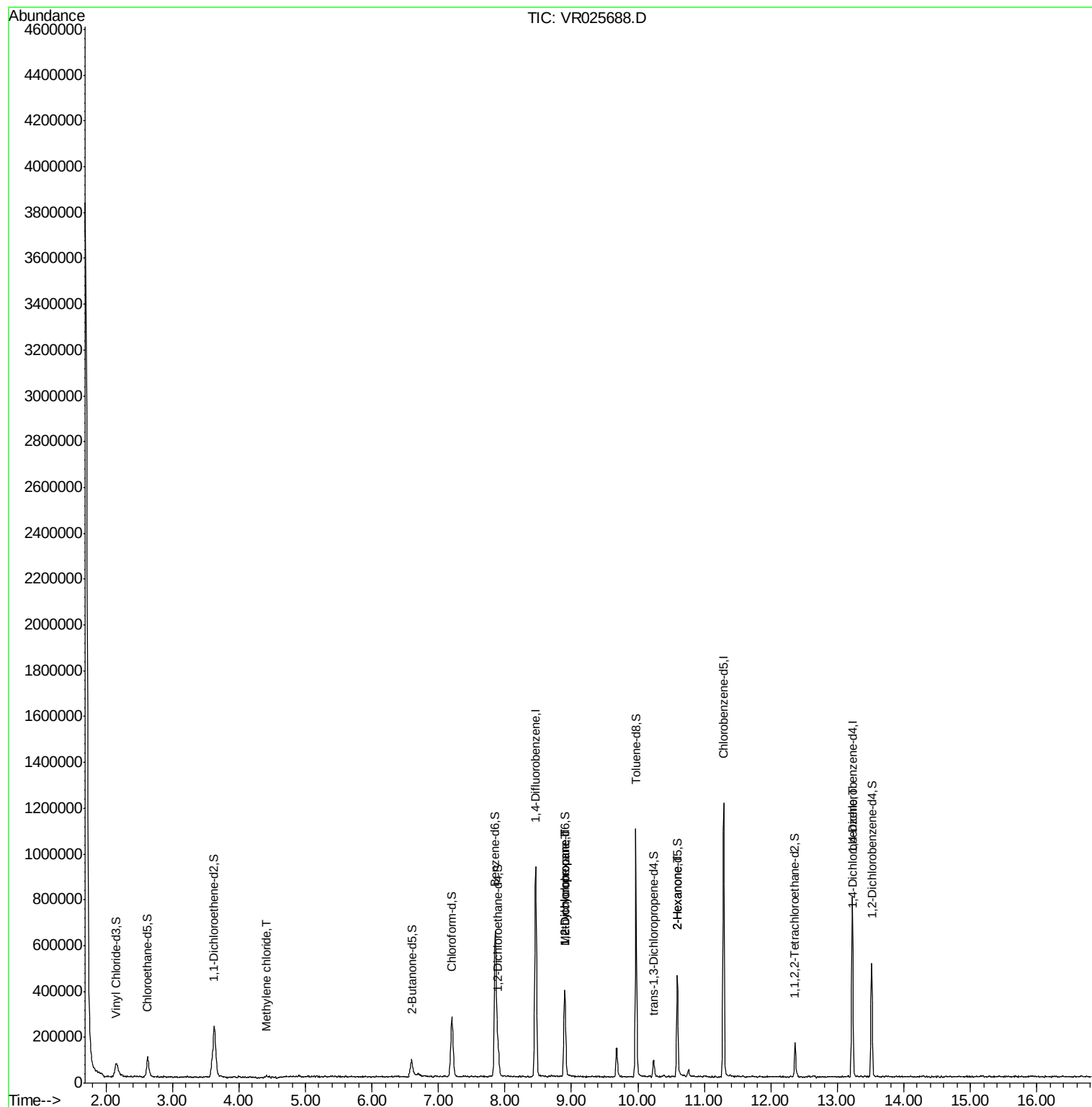
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Methylene chloride	4.40	84	5301	0.123	ug/L #	79
35) Methylcyclohexane	8.90	83	44172	0.541	ug/L #	21
37) 1,2-Dichloropropane	8.90	63	19253	0.391	ug/L #	94
48) 2-Hexanone	10.59	43	17676	2.073	ug/L #	65
63) 1,4-Dichlorobenzene	13.24	146	2981	0.045	ug/L #	42

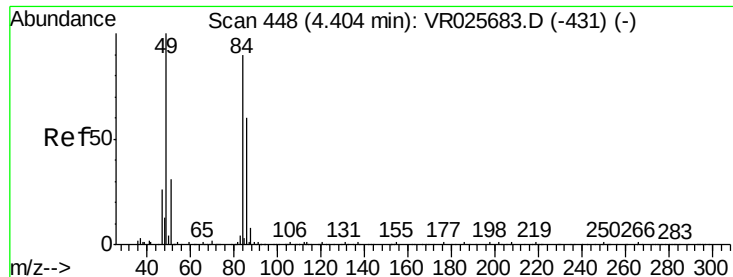
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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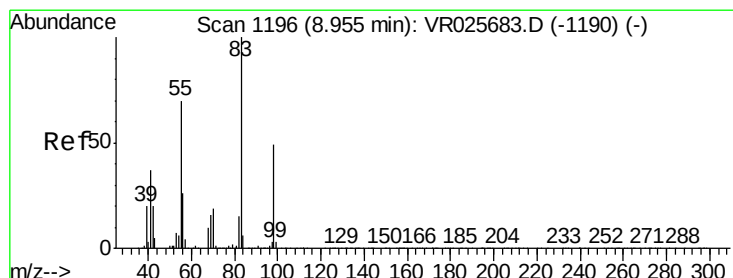
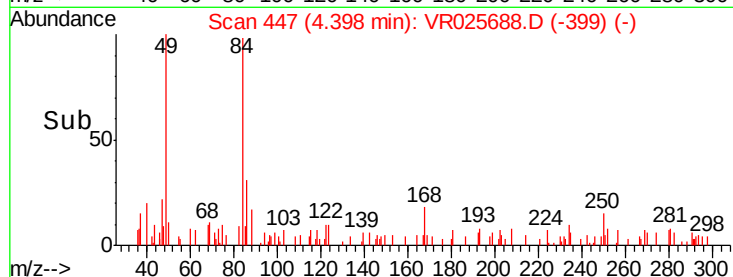
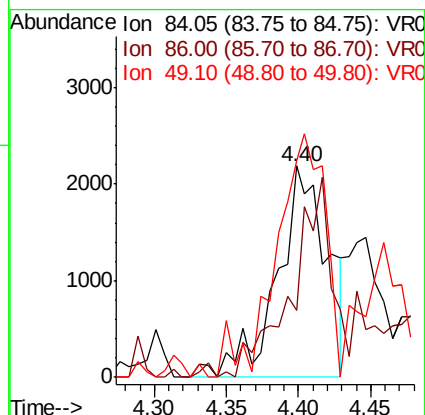
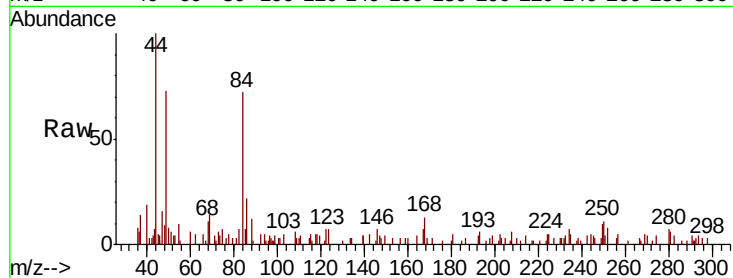




#16
Methylene chloride
Concen: 0.123 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR025688.D
Acq: 7 Sep 2018 15:28

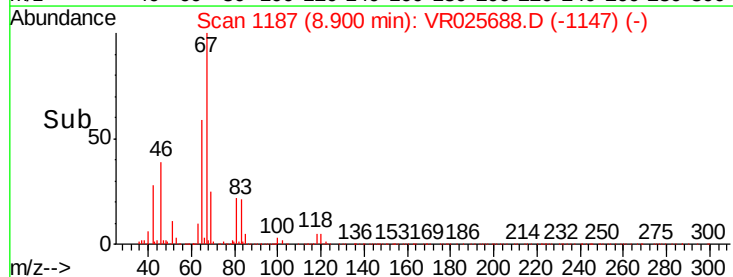
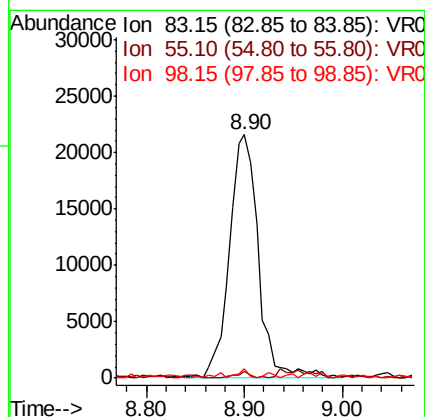
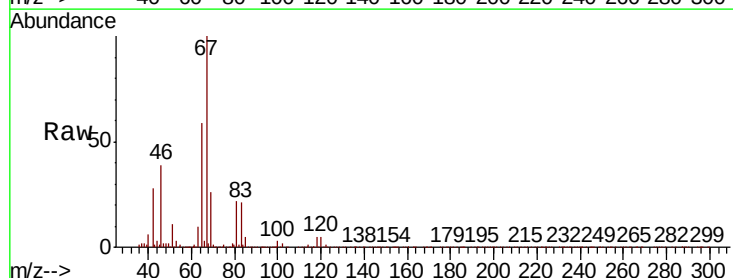
Instrument :
MSVOA_R
ClientSampleId :
VHBLK02

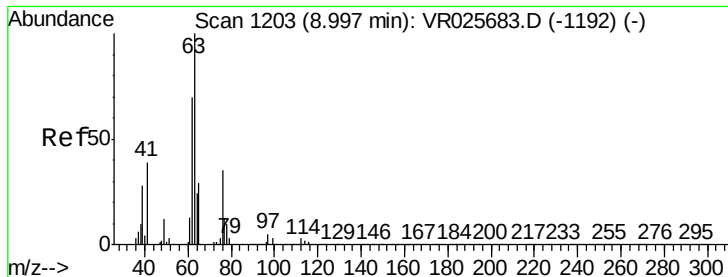
Tgt Ion: 84 Resp: 5301
Ion Ratio Lower Upper
84 100
86 31.4 46.5 86.3#
49 102.5 77.4 143.8



#35
Methylcyclohexane
Concen: 0.541 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025688.D
Acq: 7 Sep 2018 15:28

Tgt Ion: 83 Resp: 44172
Ion Ratio Lower Upper
83 100
55 1.3 58.9 88.3#
98 1.3 36.9 55.3#

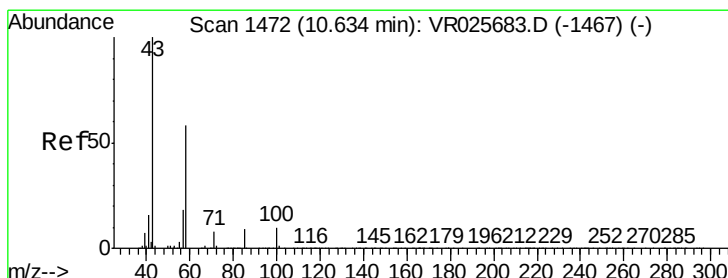
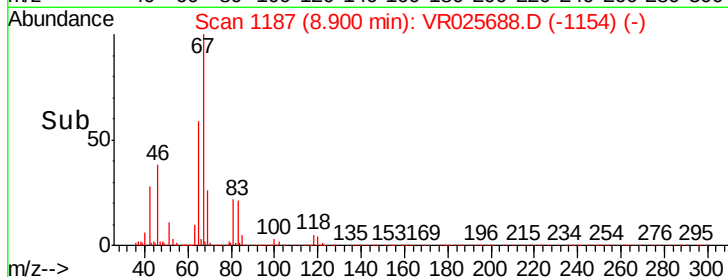
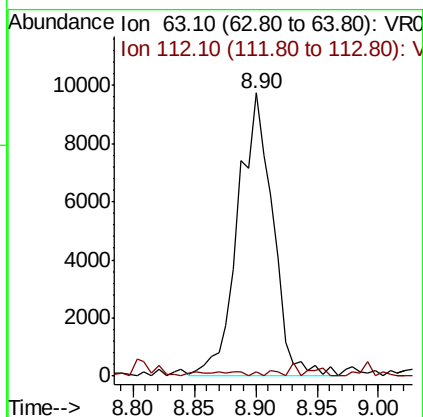
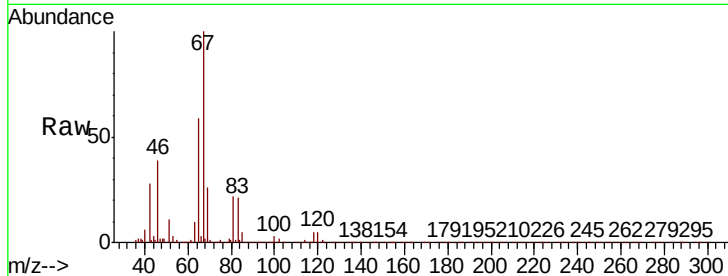




#37
 1,2-Dichloropropane
 Concen: 0.391 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025688.D
 Acq: 7 Sep 2018 15:28

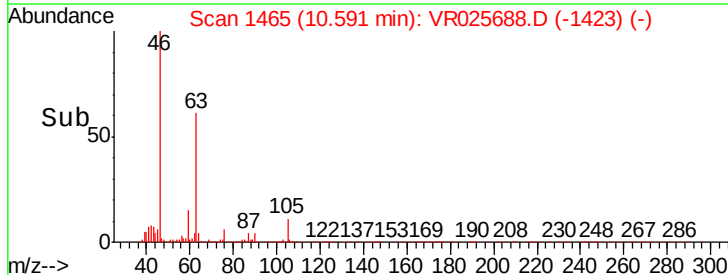
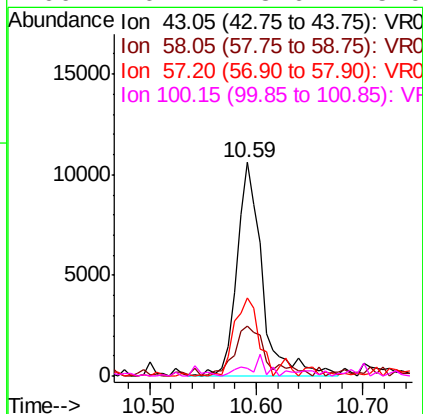
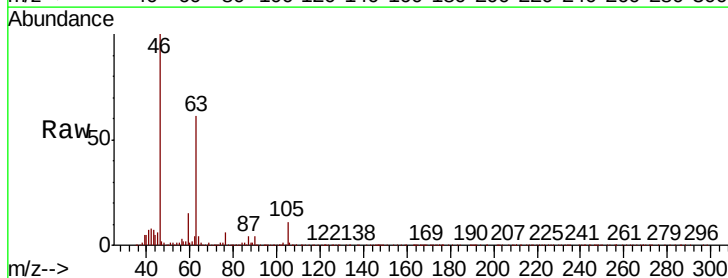
Instrument :
 MSVOA_R
 ClientSampled :
 VHBLK02

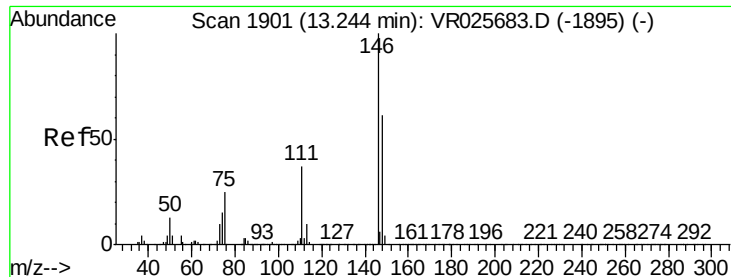
Tgt Ion: 63 Resp: 19253
 Ion Ratio Lower Upper
 63 100
 112 1.8 2.9 4.3#



#48
 2-Hexanone
 Concen: 2.073 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025688.D
 Acq: 7 Sep 2018 15:28

Tgt Ion: 43 Resp: 17676
 Ion Ratio Lower Upper
 43 100
 58 29.3 45.8 68.8#
 57 34.9 14.2 21.2#
 100 6.4 8.6 13.0#





#63

1,4-Dichlorobenzene

Concen: 0.045 ug/L

RT: 13.24 min Scan# 1900

Delta R.T. -0.01 min

Lab File: VR025688.D

Acq: 7 Sep 2018 15:28

Instrument :

MSVOA_R

ClientSampleId :

VHBLK02

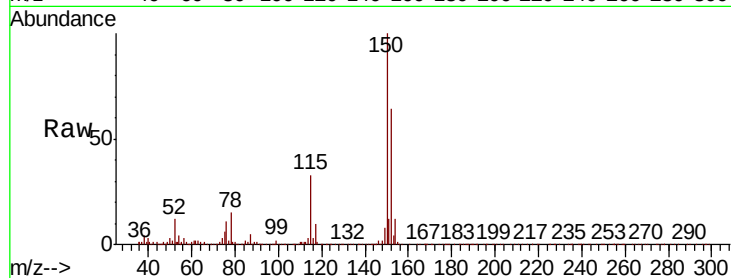
Tgt Ion:146 Resp: 2981

Ion Ratio Lower Upper

146 100

111 77.8 26.2 48.6#

148 101.4 42.7 79.3#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

