

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062918\
 Data File : VU025071.D
 Acq On : 29 Jun 2018 15:47
 Operator : MD/SY
 Sample : J3766-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST7

Quant Time: Jun 29 23:43:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 29 23:41:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	351152	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	319190	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	144527	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	97970	46.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.34%
7) Chloroethane-d5	1.68	69	79811	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.27	63	160215	34.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.98%
21) 2-Butanone-d5	4.18	46	185946	105.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.98%
24) Chloroform-d	4.65	84	207784	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
26) 1,2-Dichloroethane-d4	5.31	65	155096	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
32) Benzene-d6	5.35	84	411457	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
36) 1,2-Dichloropropane-d6	6.34	67	134632	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.52%
41) Toluene-d8	7.57	98	400723	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%
43) trans-1,3-Dichloropropene-	7.85	79	65174	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.20%
47) 2-Hexanone-d5	8.31	63	132915	104.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.40%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	186878	47.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	154364	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%

Target Compounds

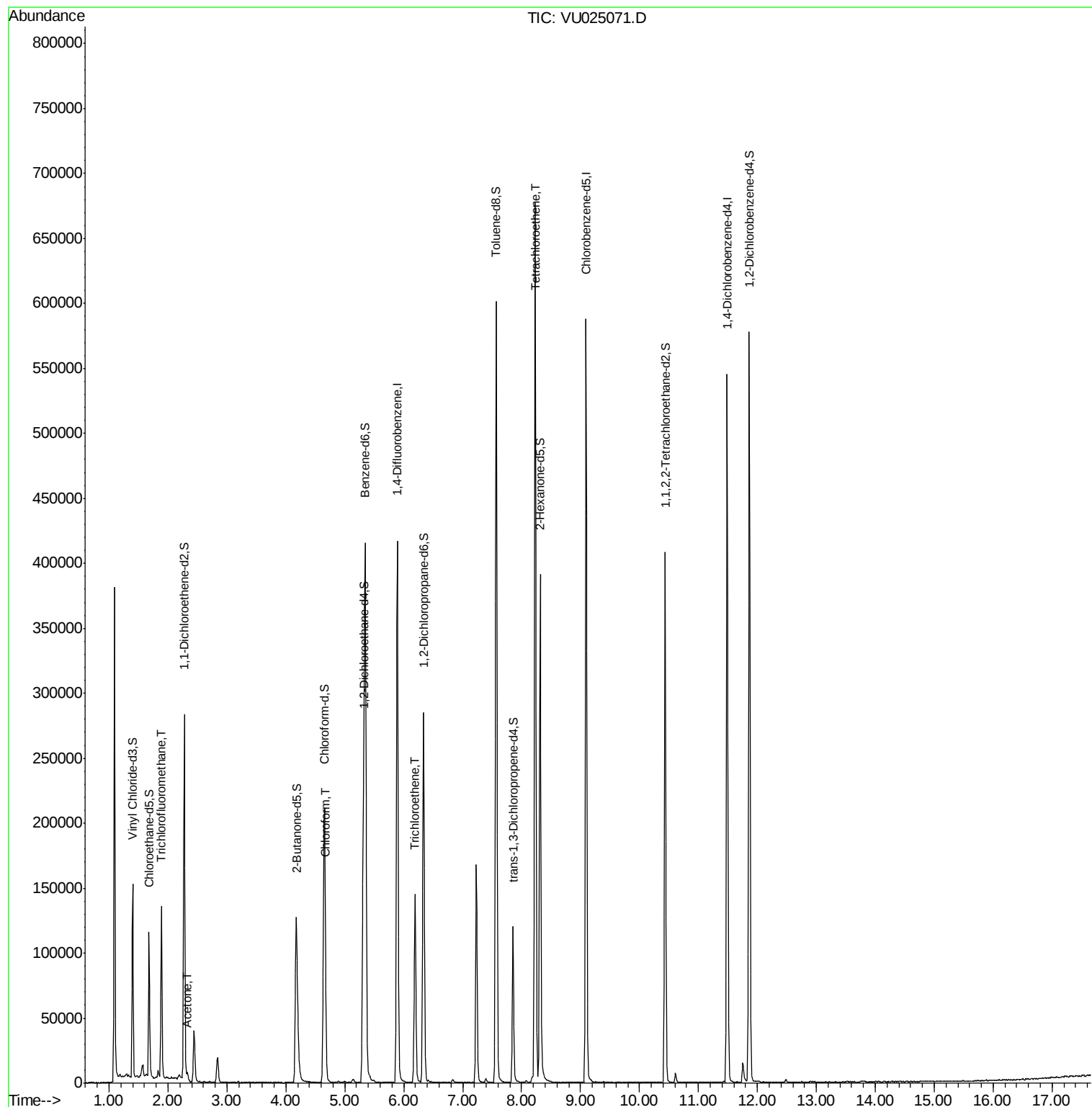
					Qvalue
9) Trichlorofluoromethane	1.89	101	79138	19.899 ug/L	97
13) Acetone	2.32	43	4528	2.511 ug/L	99
25) Chloroform	4.68	83	7096	1.497 ug/L	93
34) Trichloroethene	6.19	95	51092	19.841 ug/L	98
46) Tetrachloroethene	8.23	164	151293	69.408 ug/L	100

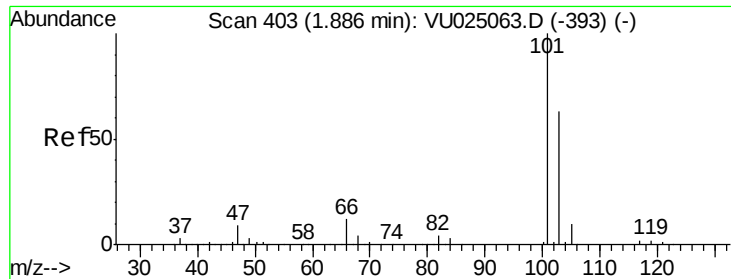
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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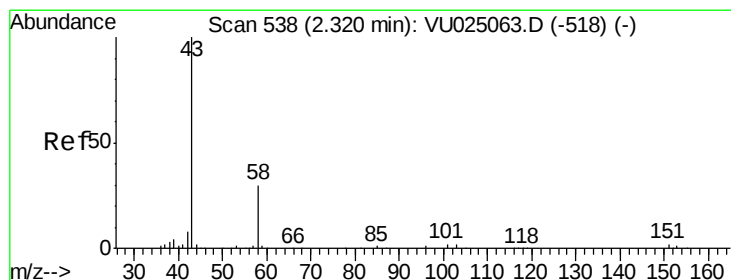
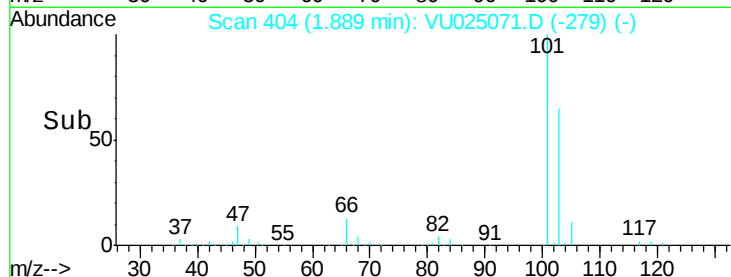
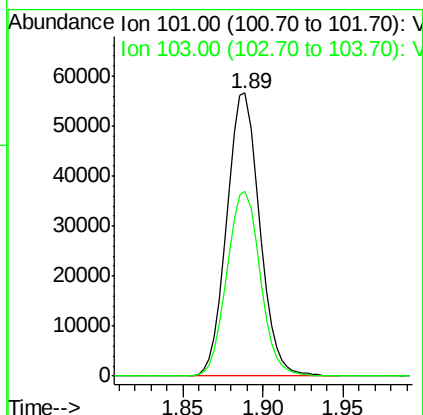
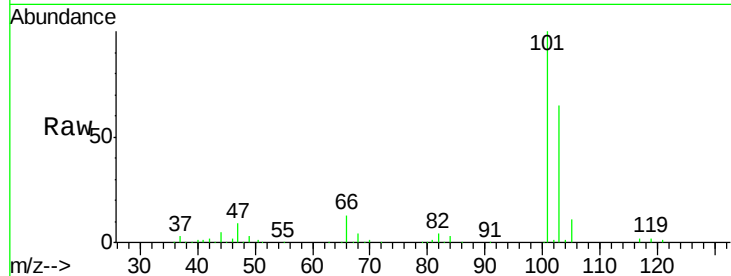


#9

Trichlorofluoromethane
 Concen: 19.899 ug/L
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU025071.D
 Acq: 29 Jun 2018 15:47

Instrument :
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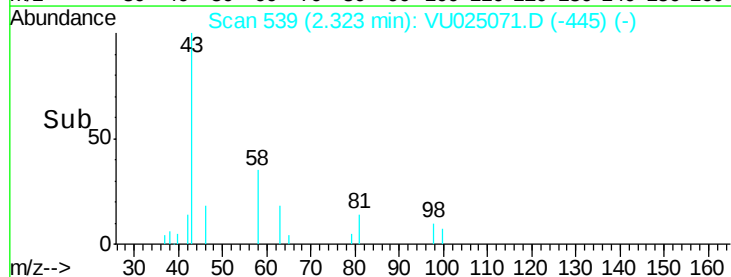
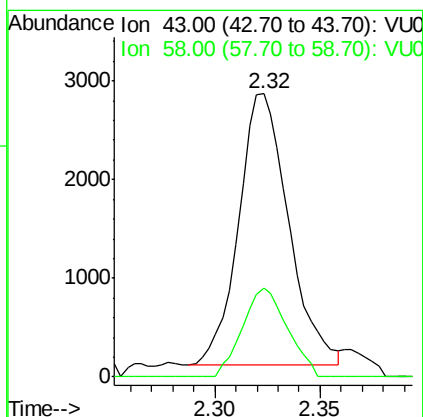
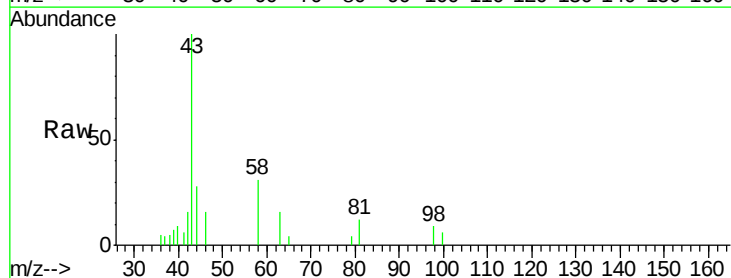
Tgt Ion:101 Resp: 79138
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.1 76.7

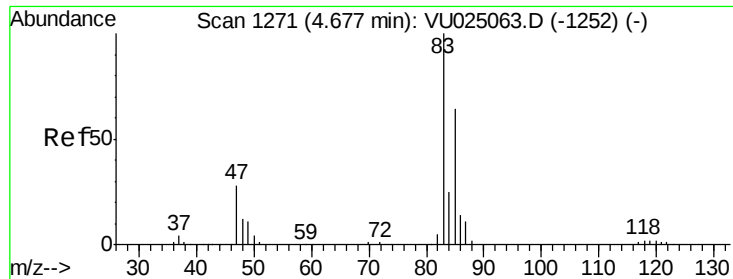


#13

Acetone
 Concen: 2.511 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU025071.D
 Acq: 29 Jun 2018 15:47

Tgt Ion: 43 Resp: 4528
 Ion Ratio Lower Upper
 43 100
 58 29.4 0.0 59.4

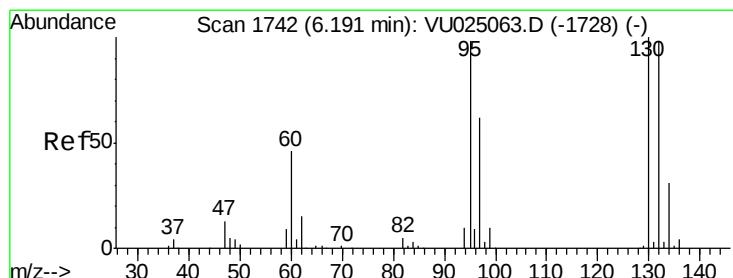
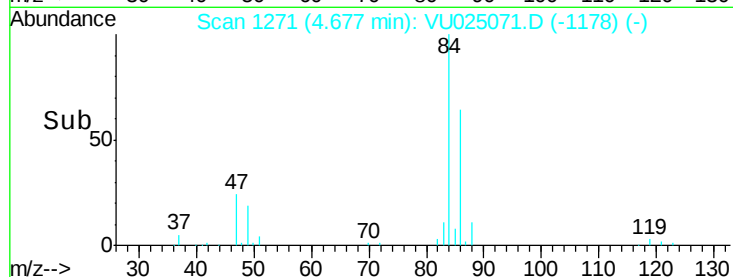
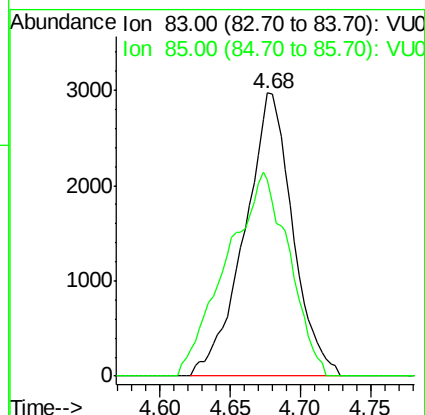
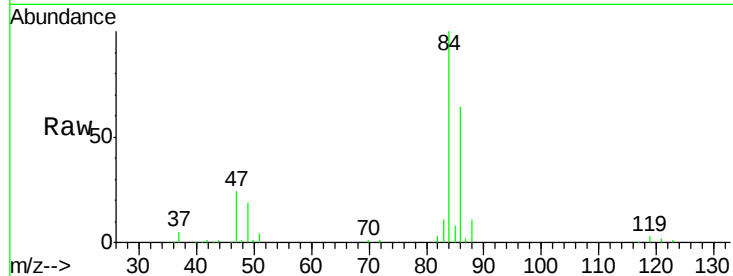




#25
Chloroform
Concen: 1.497 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025071.D
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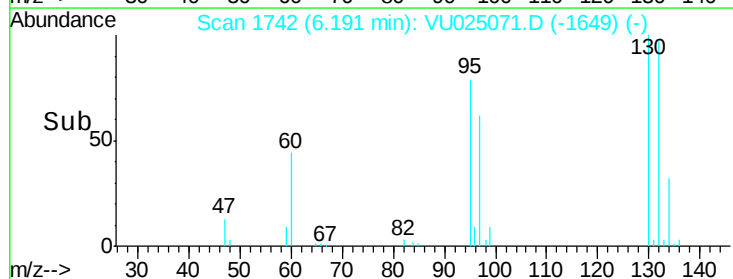
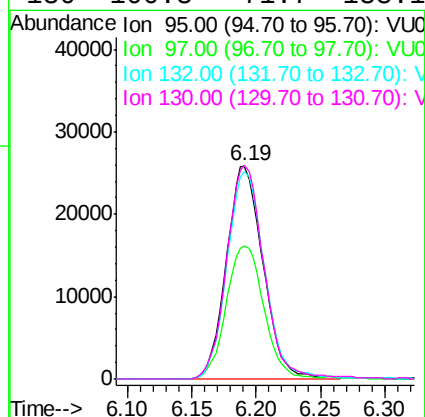
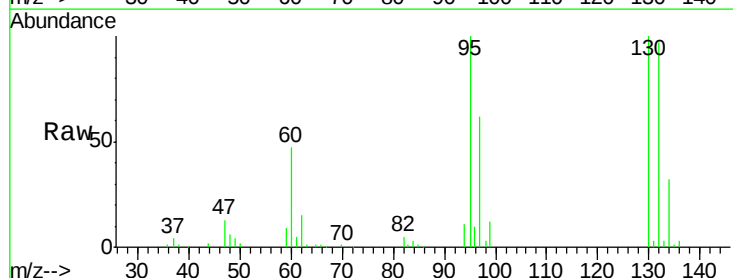
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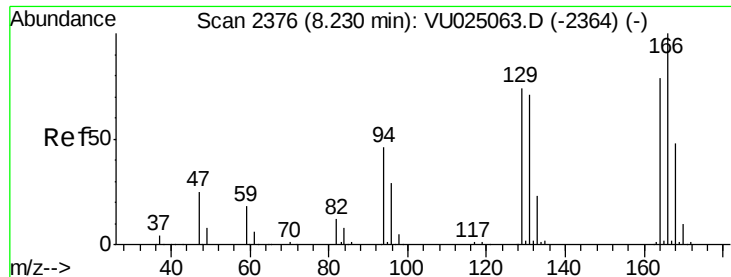
Tgt Ion: 83 Resp: 7096
Ion Ratio Lower Upper
83 100
85 69.5 44.7 83.1



#34
Trichloroethene
Concen: 19.841 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU025071.D
Acq: 29 Jun 2018 15:47

Tgt Ion: 95 Resp: 51092
Ion Ratio Lower Upper
95 100
97 62.3 44.1 81.9
132 97.7 70.2 130.4
130 100.3 71.7 133.1





#46

Tetrachloroethene

Concen: 69.408 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU025071.D

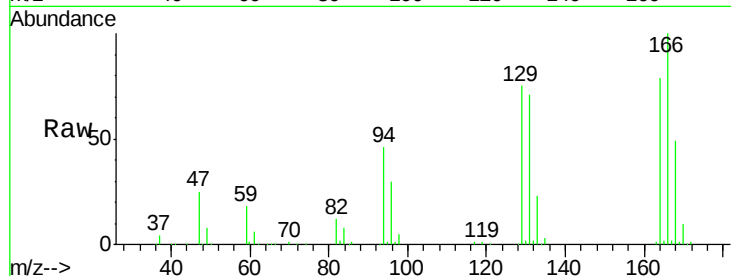
Acq: 29 Jun 2018 15:47

Instrument :

MSVOA_U

ClientSampleId :

C0ST7



Tgt Ion:164 Resp: 151293

Ion Ratio Lower Upper

164 100

129 94.9 66.1 122.8

131 89.6 62.7 116.5

166 126.8 88.8 165.0

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

