

Data File : VU029765.D
Acq On : 01 Mar 2019 15:43
Operator : JC/SP
Sample : K1660-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJY5

Quant Time: Mar 15 05:50:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	236699	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	230610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114238	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91063	5.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.80%
7) Chloroethane-d5	1.68	69	69933	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.27	63	122493	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.19	46	173120	49.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.06%
24) Chloroform-d	4.65	84	126369	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.31	65	71857	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.34	84	302120	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.33	67	91198	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.56	98	275550	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.85	79	31546	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.31	63	169857	49.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	73635	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	110428	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

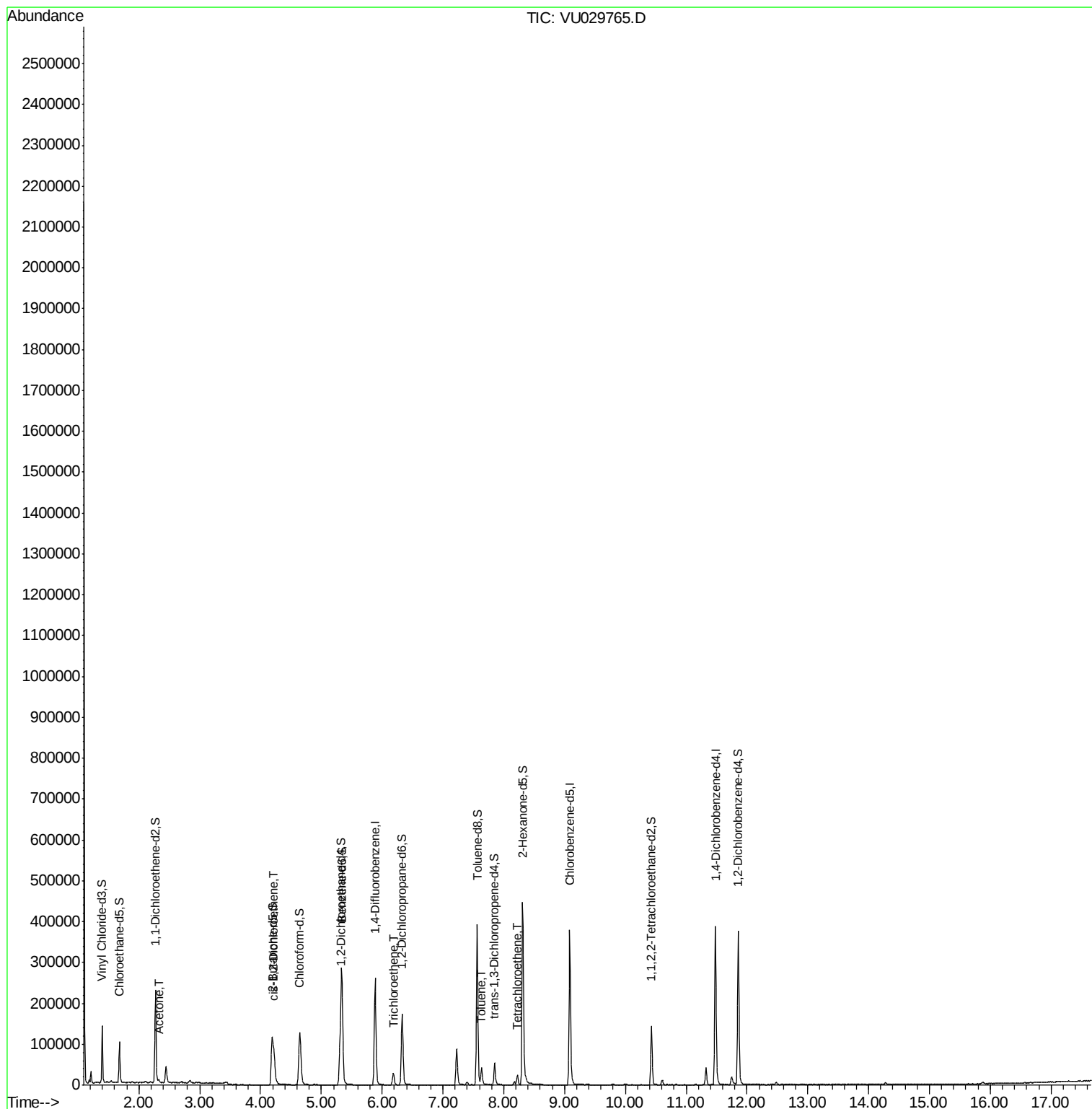
					Qvalue
13) Acetone	2.32	43	6361	2.533 ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	29715	1.698 ug/L	98
34) Trichloroethene	6.18	95	10680	0.628 ug/L	95
42) Toluene	7.64	91	32133	0.465 ug/L	97
47) Tetrachloroethene	8.22	164	6237	0.395 ug/L	92

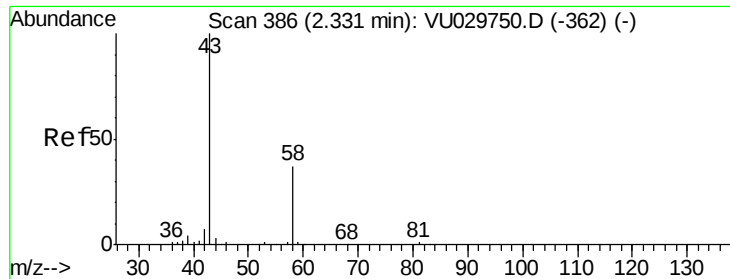
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.533 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.01 min

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Acq: 01 Mar 2019 15:43

Instrument :

MSVOA_U

ClientSampleId :

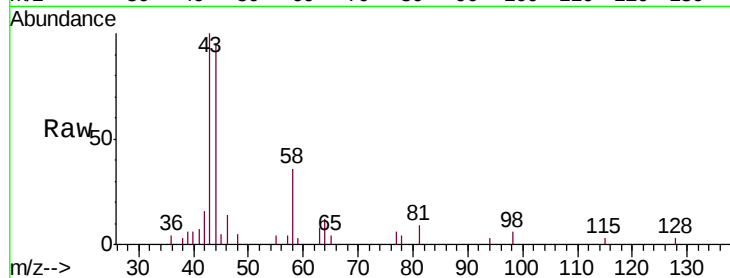
CWJY5

Tgt Ion: 43 Resp: 6361

Ion Ratio Lower Upper

43 100

58 38.1 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

4000

3000

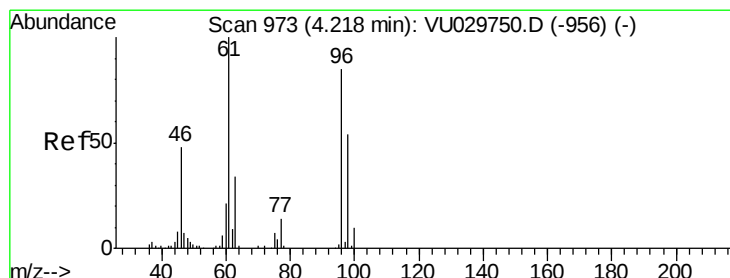
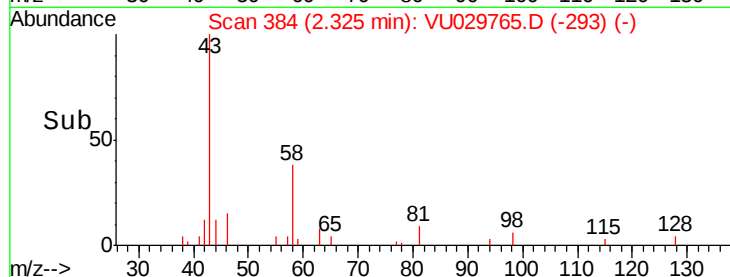
2000

1000

0

Time-->

2.25 2.30 2.35 2.40



#22

cis-1,2-Dichloroethene

Concen: 1.698 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

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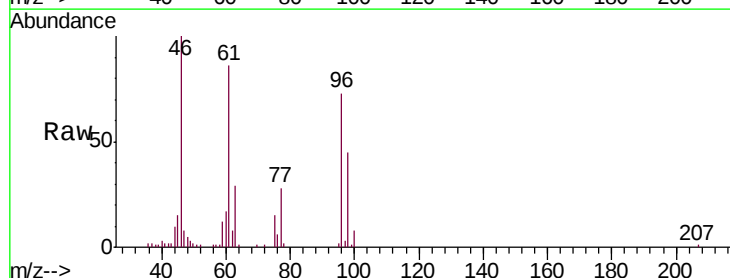
Tgt Ion: 96 Resp: 29715

Ion Ratio Lower Upper

96 100

61 116.7 80.2 149.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

20000

15000

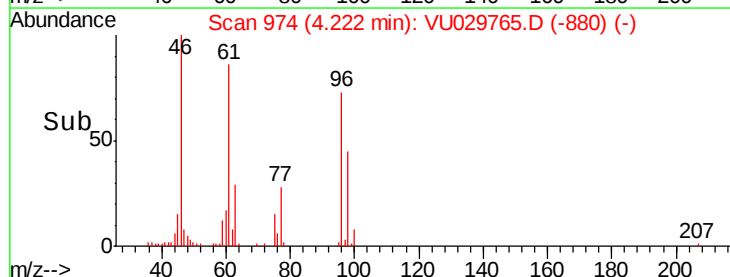
10000

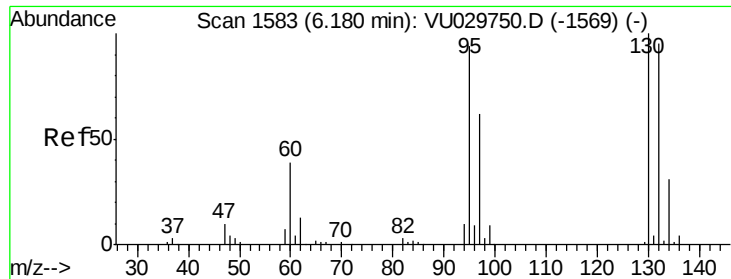
5000

0

Time-->

4.15 4.20 4.25 4.30





#34

Trichloroethene

Concen: 0.628 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

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Acq: 01 Mar 2019 15:43

Instrument :

MSVOA_U

ClientSampled :

CWJY5

Tgt Ion: 95 Resp: 10680

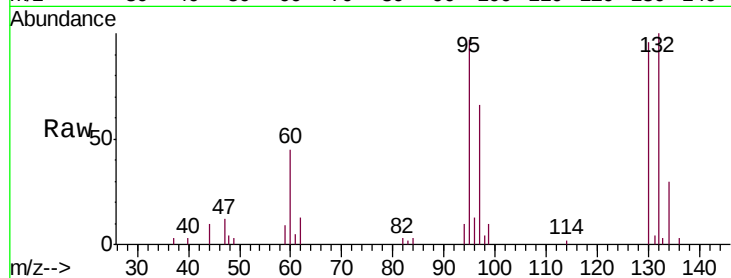
Ion Ratio Lower Upper

95 100

97 68.0 45.6 84.8

132 103.6 72.9 135.3

130 99.4 77.5 143.9

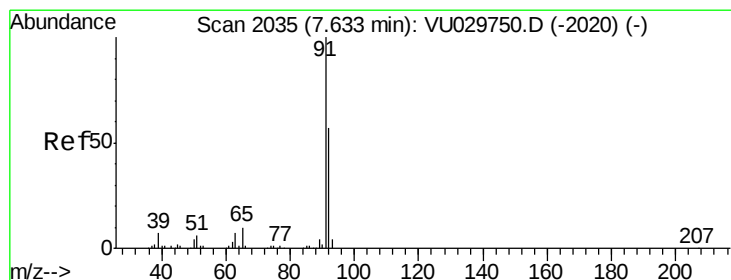
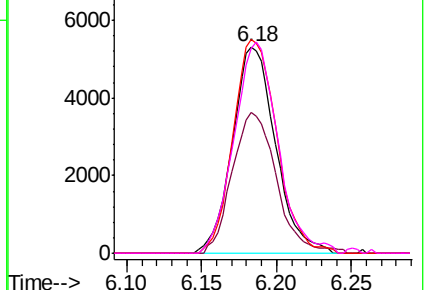
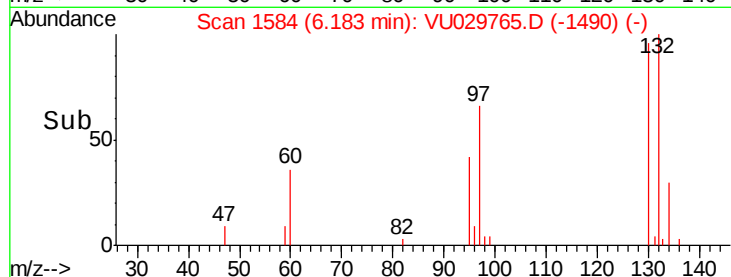


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.465 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029765.D

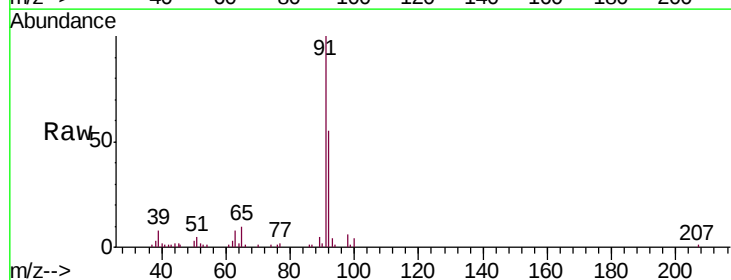
Acq: 01 Mar 2019 15:43

Tgt Ion: 91 Resp: 32133

Ion Ratio Lower Upper

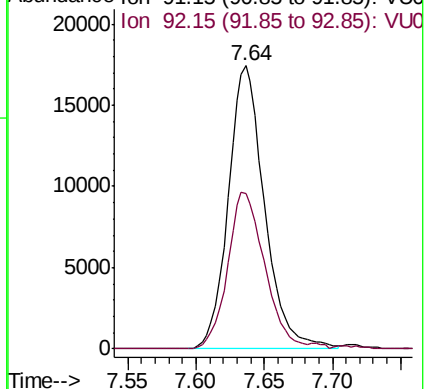
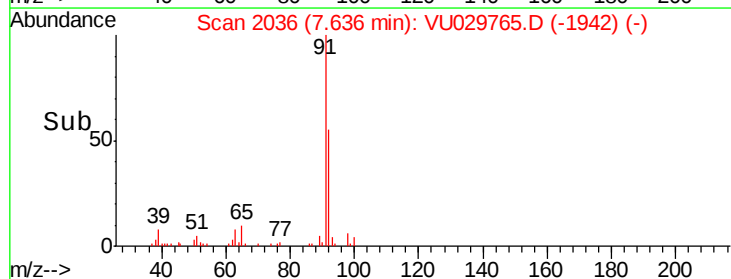
91 100

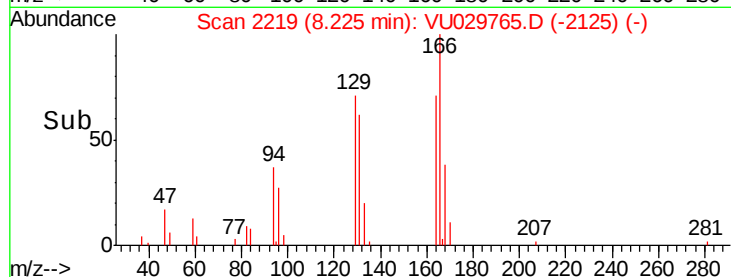
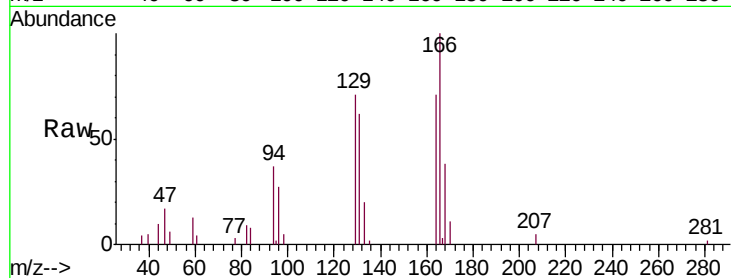
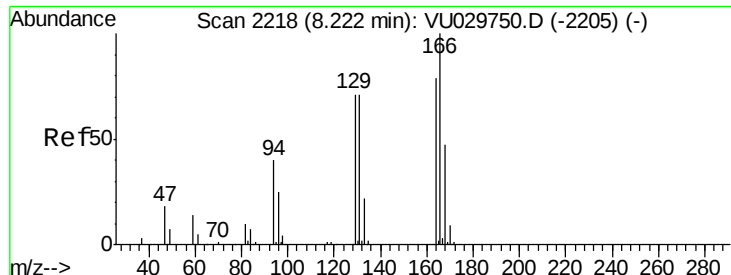
92 55.1 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 0.395 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

CWJY5

Tgt Ion:164 Resp: 6237

Ion Ratio Lower Upper

164 100

129 99.3 62.9 116.7

131 87.4 61.8 114.8

166 140.2 88.8 164.8

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

