

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071918\
 Data File : VU025515.D
 Acq On : 19 Jul 2018 12:10
 Operator : MD/SY
 Sample : J3984-17DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A7DL

Quant Time: Jul 20 02:52:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 02:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	321365	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	283542	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	124595	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	5458	3.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	7.20%#
7) Chloroethane-d5	1.69	69	2656	2.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	4.12%#
11) 1,1-Dichloroethene-d2	2.28	63	4406	1.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	2.64%#
21) 2-Butanone-d5	4.18	46	193	0.12	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.12%#
24) Chloroform-d	4.65	84	708	0.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.36%#
26) 1,2-Dichloroethane-d4	5.31	65	643	0.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.48%#
32) Benzene-d6	5.35	84	2841	0.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.82%#
36) 1,2-Dichloropropane-d6	6.34	67	98	0.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	0.08%#
41) Toluene-d8	7.57	98	2565	0.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.78%#
43) trans-1,3-Dichloropropene-	7.86	79	269	0.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.46%#
47) 2-Hexanone-d5	8.32	63	301	0.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.26%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	676	0.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	0.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	1991	0.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	1.60%#

Target Compounds

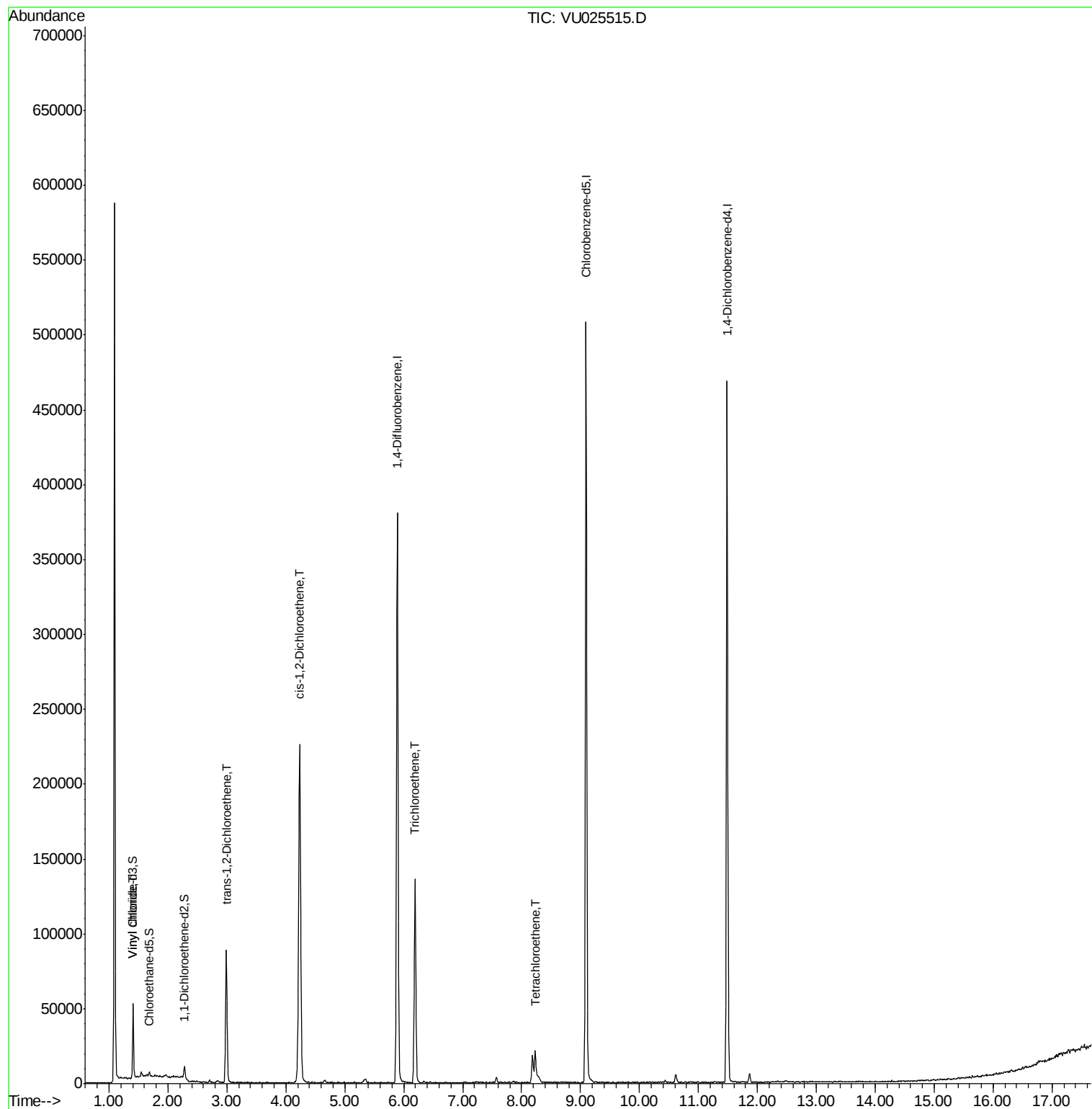
					Ovalue
5) Vinyl chloride	1.41	62	26444	11.24	ug/L 99
17) trans-1,2-Dichloroethene	2.99	96	34320	16.66	ug/L 95
20) cis-1,2-Dichloroethene	4.23	96	129444	51.32	ug/L 97
34) Trichloroethene	6.19	95	45787	20.62	ug/L 96
46) Tetrachloroethene	8.23	164	3556	1.92	ug/L 94

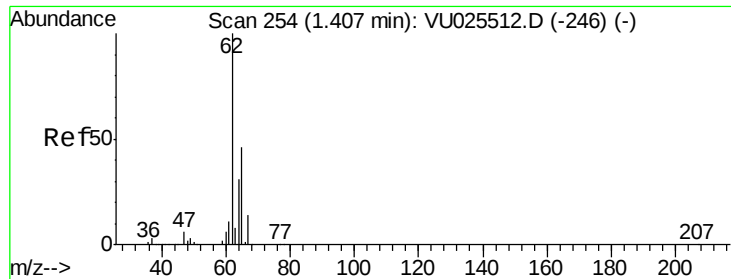
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 11.24 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025515.D

Acq: 19 Jul 2018 12:10

Instrument :

MSVOA_U

ClientSampleId :

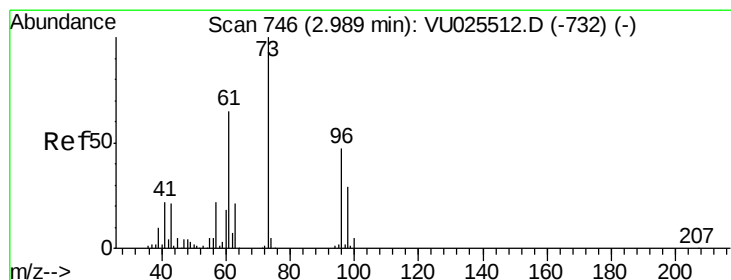
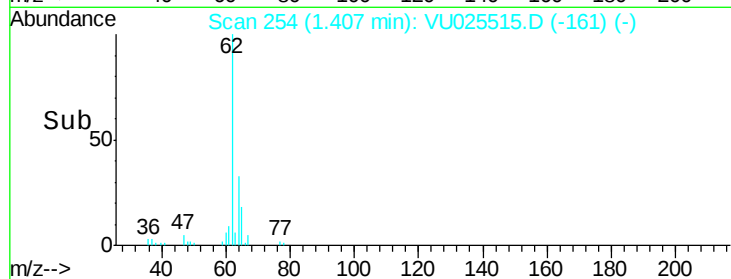
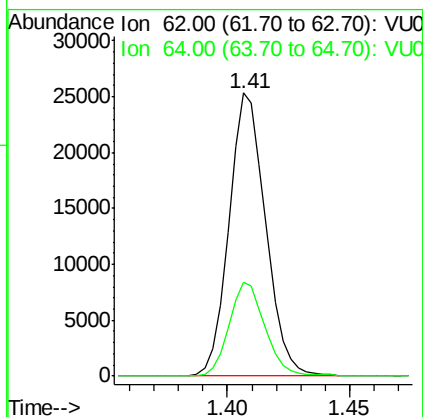
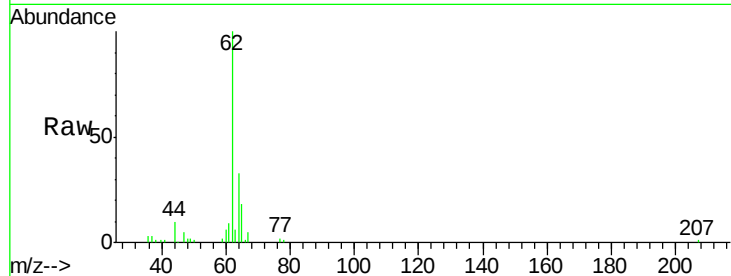
DB1A7DL

Tot Ion: 62 Resp: 26444

Ion Ratio Lower Upper

62 100

64 33.2 22.7 42.1



#17

trans-1,2-Dichloroethene

Concen: 16.66 ug/L

RT: 2.99 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU025515.D

Acq: 19 Jul 2018 12:10

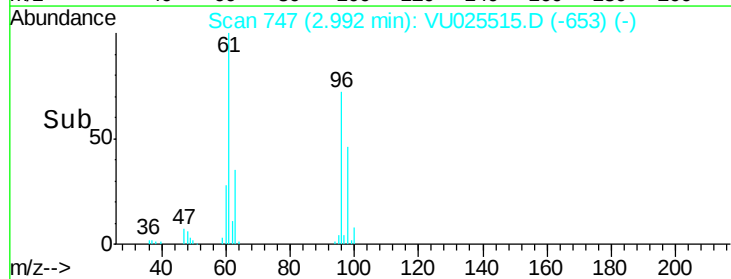
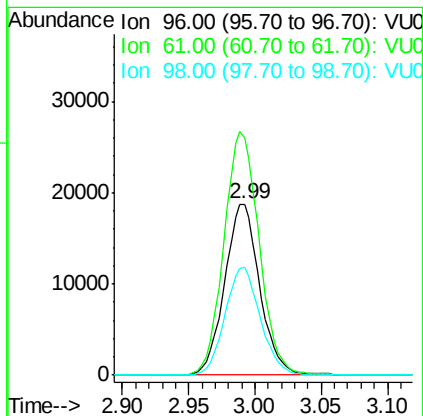
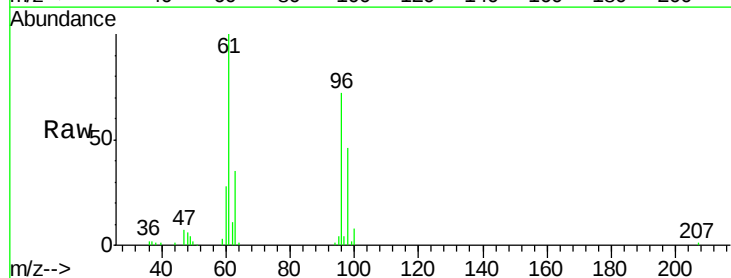
Tgt Ion: 96 Resp: 34320

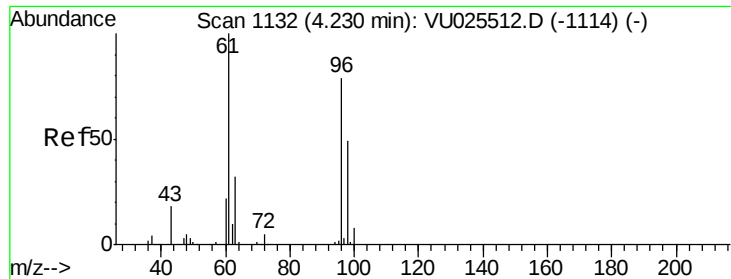
Ion Ratio Lower Upper

96 100

61 138.8 103.6 192.4

98 63.2 44.8 83.2

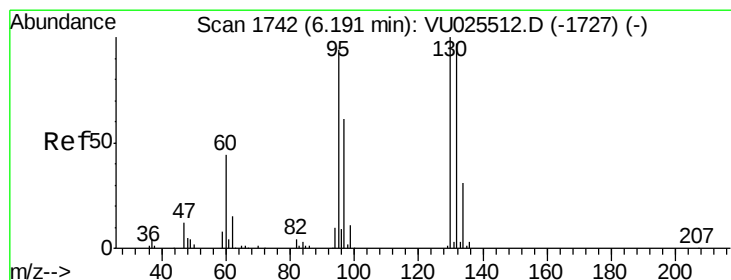
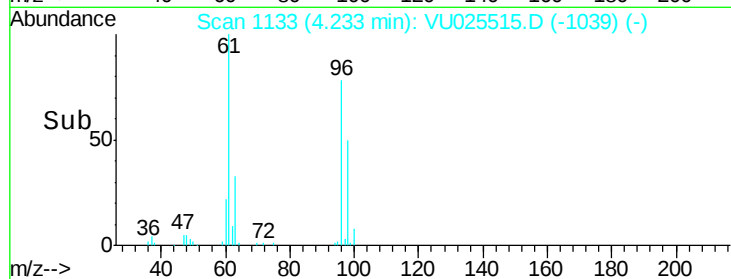
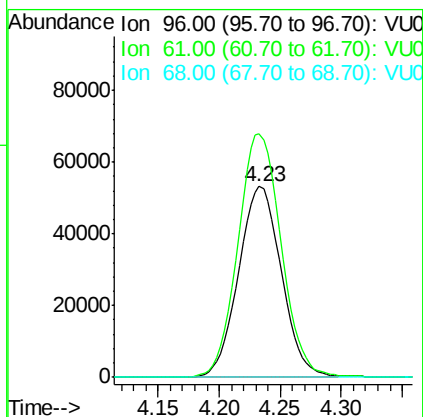
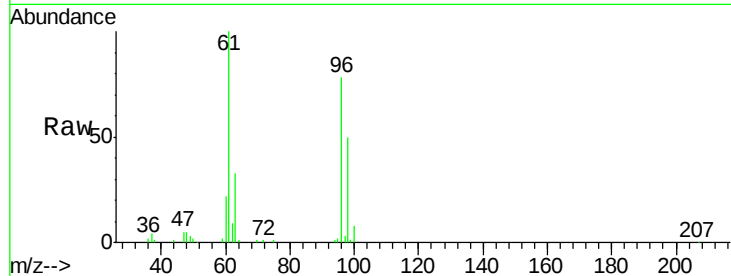




#20
 cis-1,2-Dichloroethene
 Concen: 51.32 ug/L
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU025515.D
 Acq: 19 Jul 2018 12:10

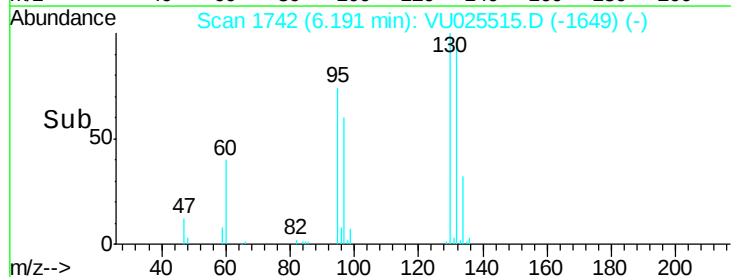
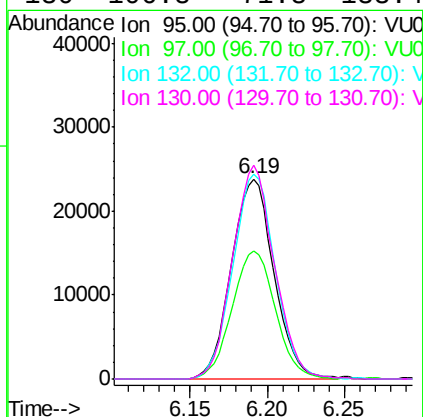
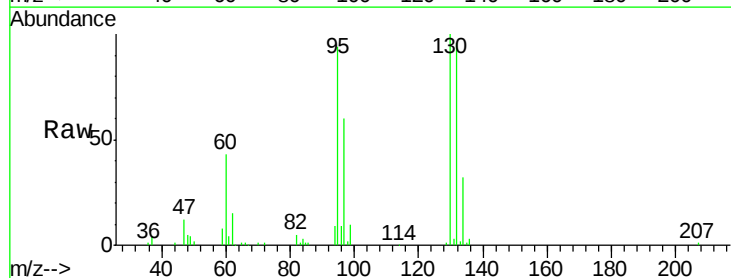
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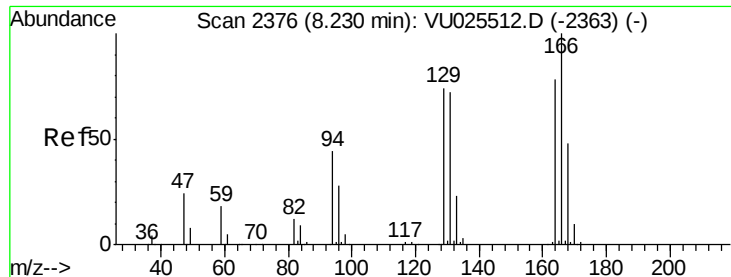
Tot Ion: 96 Resp: 129444
 Ion Ratio Lower Upper
 96 100
 61 127.5 91.7 170.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 20.62 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU025515.D
 Acq: 19 Jul 2018 12:10

Tgt Ion: 95 Resp: 45787
 Ion Ratio Lower Upper
 95 100
 97 64.1 45.9 85.3
 132 102.6 68.2 126.6
 130 106.8 71.8 133.4





#46

Tetrachloroethene

Concen: 1.92 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025515.D

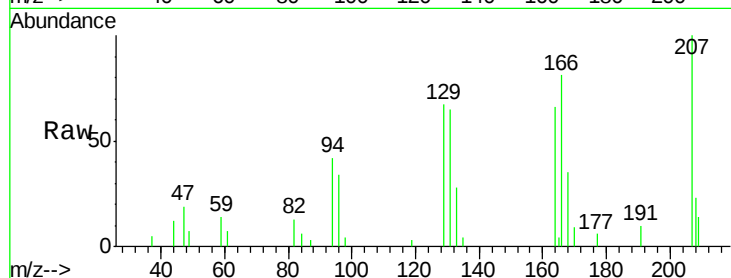
Acq: 19 Jul 2018 12:10

Instrument :

MSVOA_U

ClientSampleId :

DB1A7DL



Tot Ion:164 Resp: 3556

Ion Ratio Lower Upper

164 100

129 100.9 66.5 123.5

131 97.3 63.7 118.3

166 122.1 90.8 168.6

