

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031446.D
 Acq On : 23 Apr 2019 18:19
 Operator : JC/SP
 Sample : K2536-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X21

Quant Time: Apr 24 10:42:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	717139	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	634176	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	285863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	238029	40.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.92%
7) Chloroethane-d5	1.68	69	197884	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.44%
11) 1,1-Dichloroethene-d2	2.27	63	342657	33.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.80%
21) 2-Butanone-d5	4.19	46	449079	103.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.37%
24) Chloroform-d	4.64	84	413812	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
26) 1,2-Dichloroethane-d4	5.31	65	263191	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
32) Benzene-d6	5.34	84	870478	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
36) 1,2-Dichloropropane-d6	6.32	67	274105	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.00%
41) Toluene-d8	7.56	98	771176	47.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.26%
43) trans-1,3-Dichloropropene-	7.85	79	118953	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.56%
47) 2-Hexanone-d5	8.31	63	293424	99.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	365980	45.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	278885	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%

Target Compounds

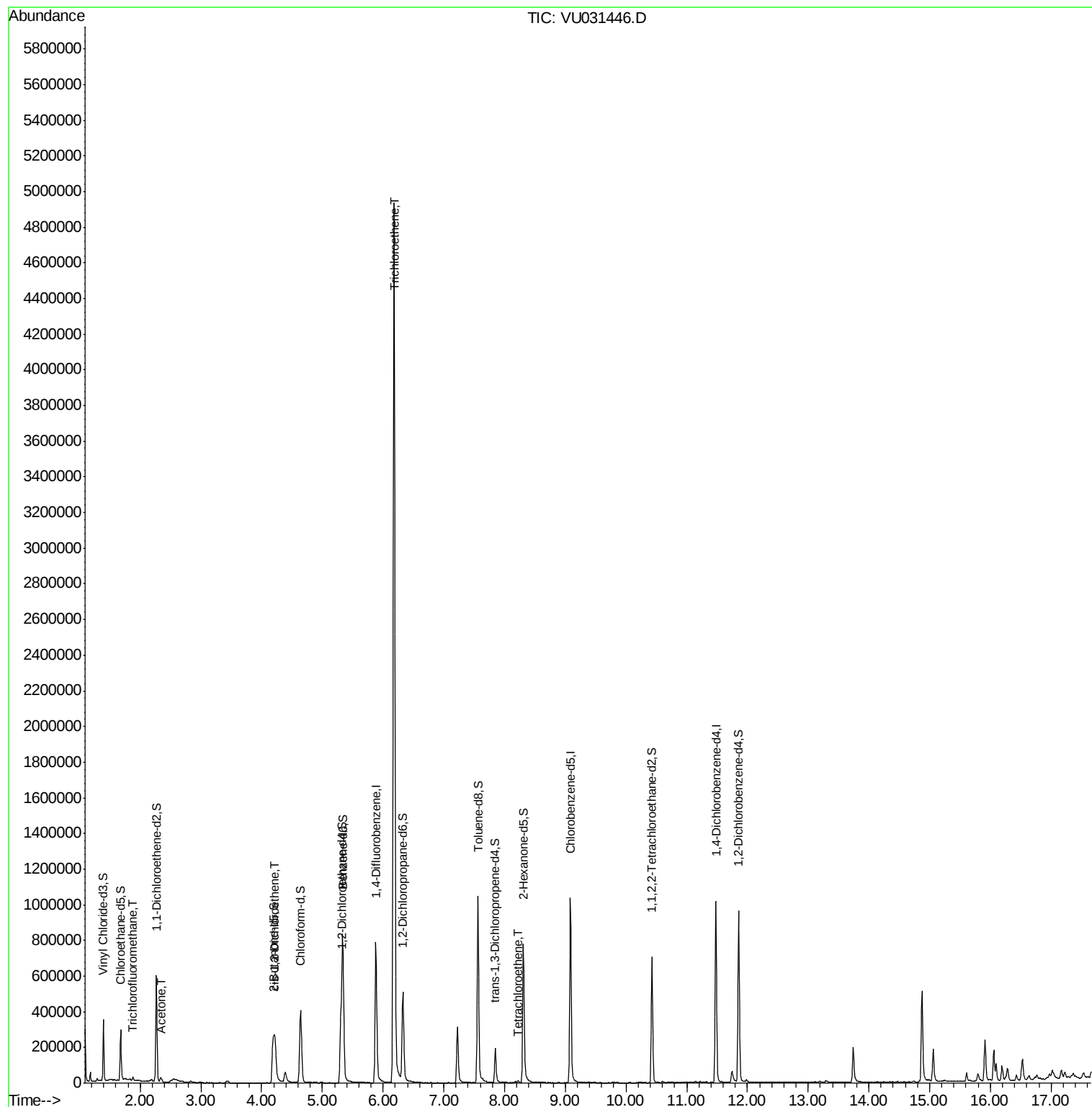
					Ovalue
9) Trichlorofluoromethane	1.88	101	6371	0.832 ug/L	96
13) Acetone	2.34	43	33723	9.887 ug/L	93
20) cis-1,2-Dichloroethene	4.23	96	100621	19.681 ug/L	96
34) Trichloroethene	6.18	95	1816192	373.665 ug/L	99
46) Tetrachloroethene	8.23	164	3465	1.005 ug/L #	73

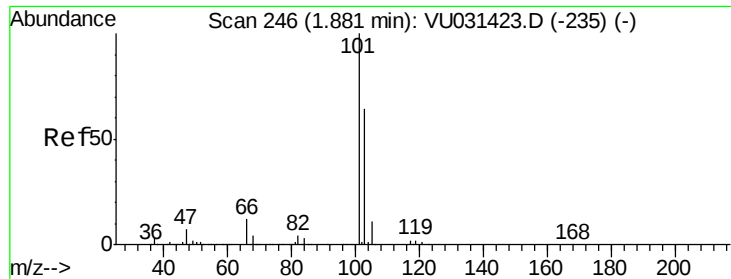
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.832 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031446.D

Acq: 23 Apr 2019 18:19

Instrument :

MSVOA_U

ClientSampled :

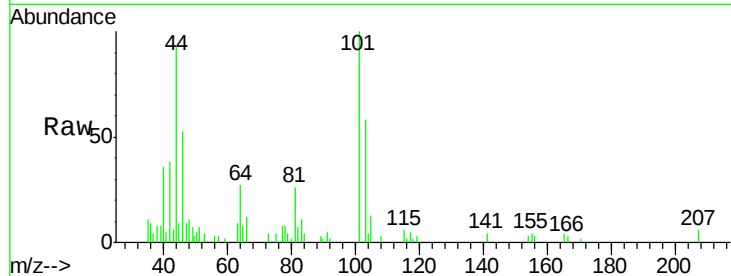
C0X21

Tot Ion:101 Resp: 6371

Ion Ratio Lower Upper

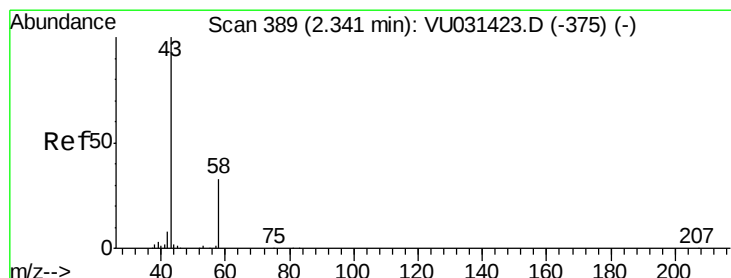
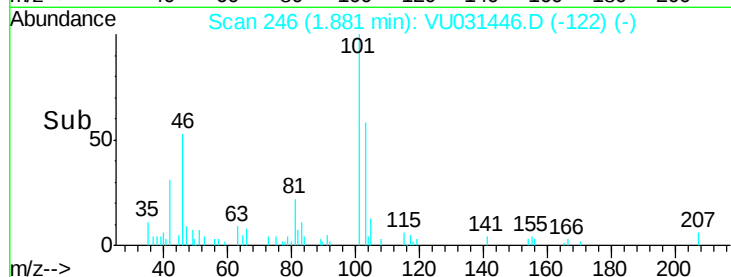
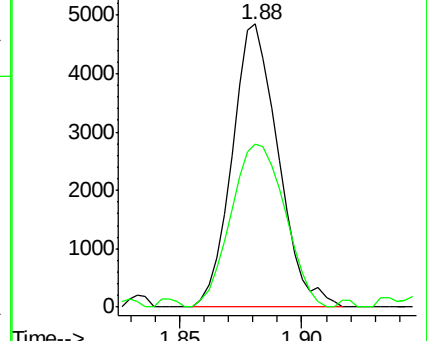
101 100

103 67.4 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 9.887 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU031446.D

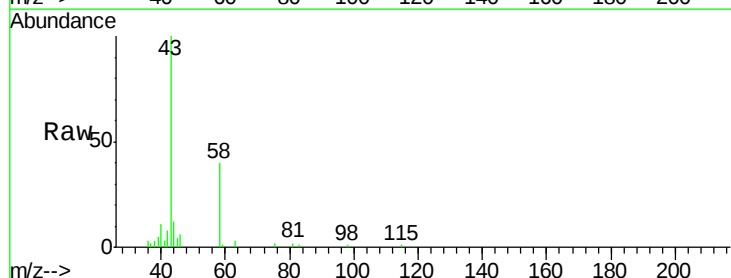
Acq: 23 Apr 2019 18:19

Tgt Ion: 43 Resp: 33723

Ion Ratio Lower Upper

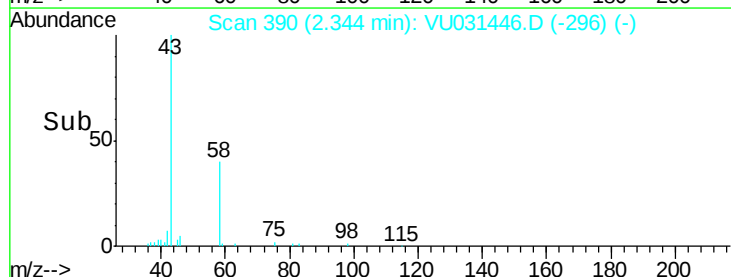
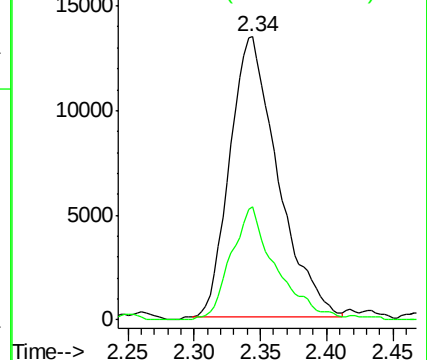
43 100

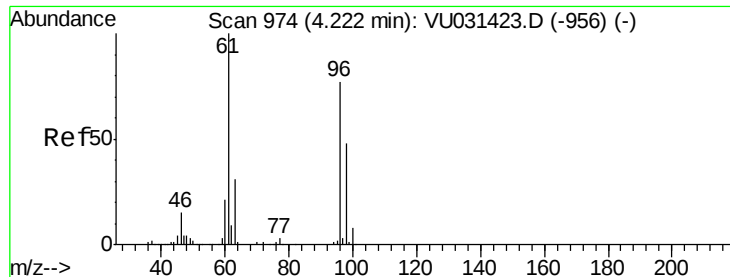
58 36.9 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

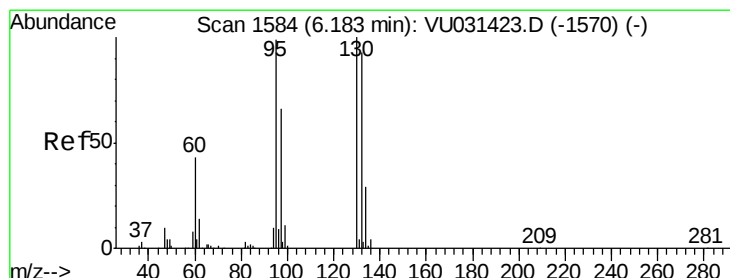
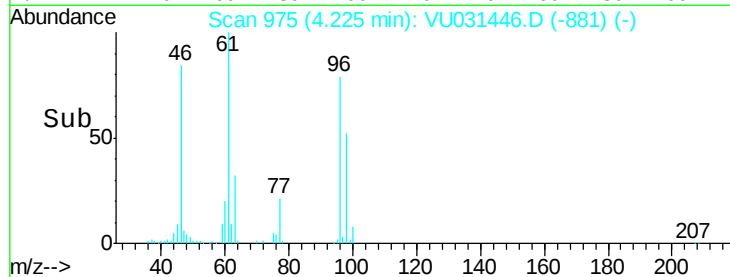
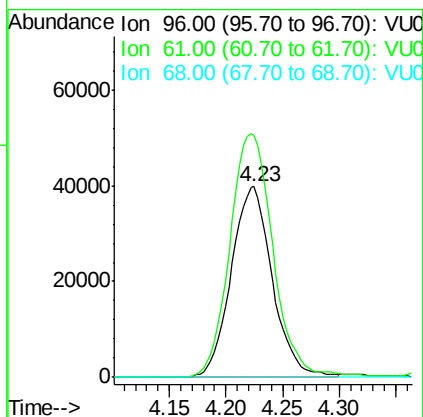
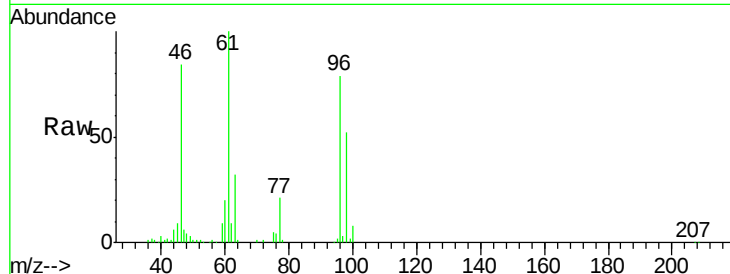




#20
 cis-1,2-Dichloroethene
 Concen: 19.681 ug/L
 RT: 4.23 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VU031446.D
 Acq: 23 Apr 2019 18:19

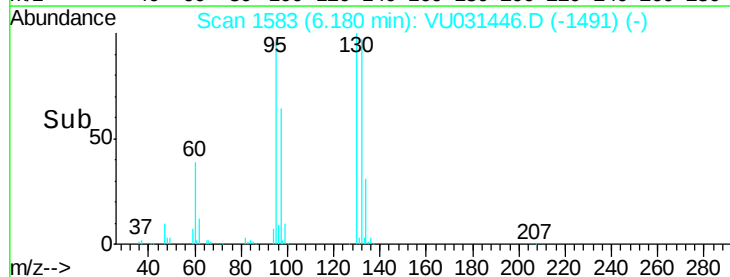
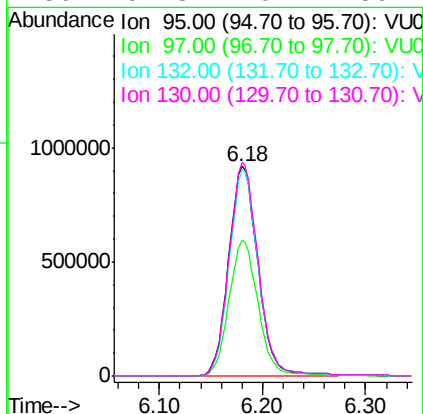
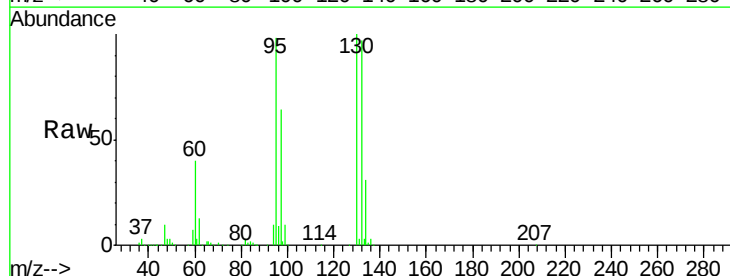
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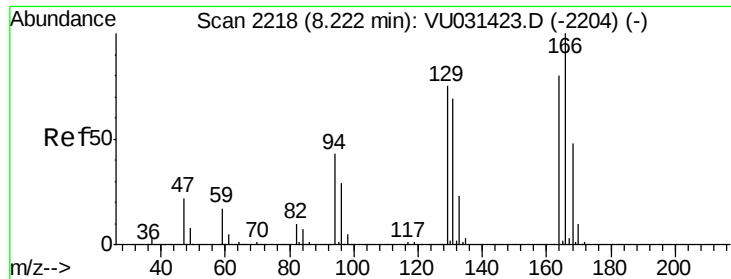
Tot Ion: 96 Resp: 100621
 Ion Ratio Lower Upper
 96 100
 61 126.7 91.9 170.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 373.665 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031446.D
 Acq: 23 Apr 2019 18:19

Tgt Ion: 95 Resp: 1816192
 Ion Ratio Lower Upper
 95 100
 97 64.7 44.9 83.5
 132 98.5 68.0 126.2
 130 101.8 70.1 130.1





#46

Tetrachloroethene

Concen: 1.005 ug/L

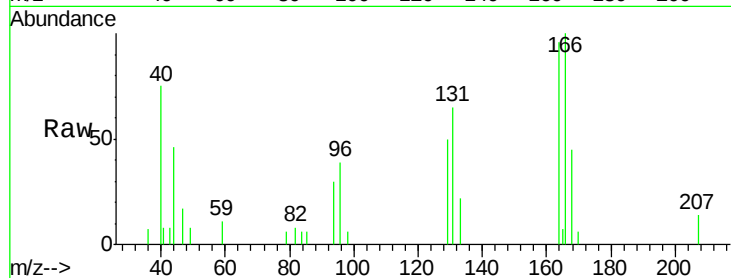
RT: 8.23 min Scan# 2222

Delta R.T. 0.01 min

Lab File: VU031446.D

Acq: 23 Apr 2019 18:19

Instrument :
MSVOA_U
ClientSampleId :
C0X21



Tot Ion:	164	Resp:	3465
Ion	Ratio	Lower	Upper
164	100		
129	52.4	65.2	121.0#
131	67.2	61.4	114.0
166	104.2	89.2	165.6

