

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030092.D
 Acq On : 14 Mar 2019 22:18
 Operator : JC/SP
 Sample : K1918-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09G6

Quant Time: Mar 15 04:08:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 02:44:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	521814	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	513105	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	245105	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115336	33.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.84%
7) Chloroethane-d5	1.68	69	105648	37.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.84%
11) 1,1-Dichloroethene-d2	2.27	63	171932	27.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.20%#
21) 2-Butanone-d5	4.17	46	238720	92.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.31%
24) Chloroform-d	4.65	84	267688	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.48%
26) 1,2-Dichloroethane-d4	5.31	65	158920	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
32) Benzene-d6	5.34	84	552544	41.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.66%
36) 1,2-Dichloropropane-d6	6.33	67	182047	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.08%
41) Toluene-d8	7.56	98	510622	41.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.58%
43) trans-1,3-Dichloropropene-	7.85	79	76875	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.52%
47) 2-Hexanone-d5	8.31	63	199043	88.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	276225	44.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	221941	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%

Target Compounds

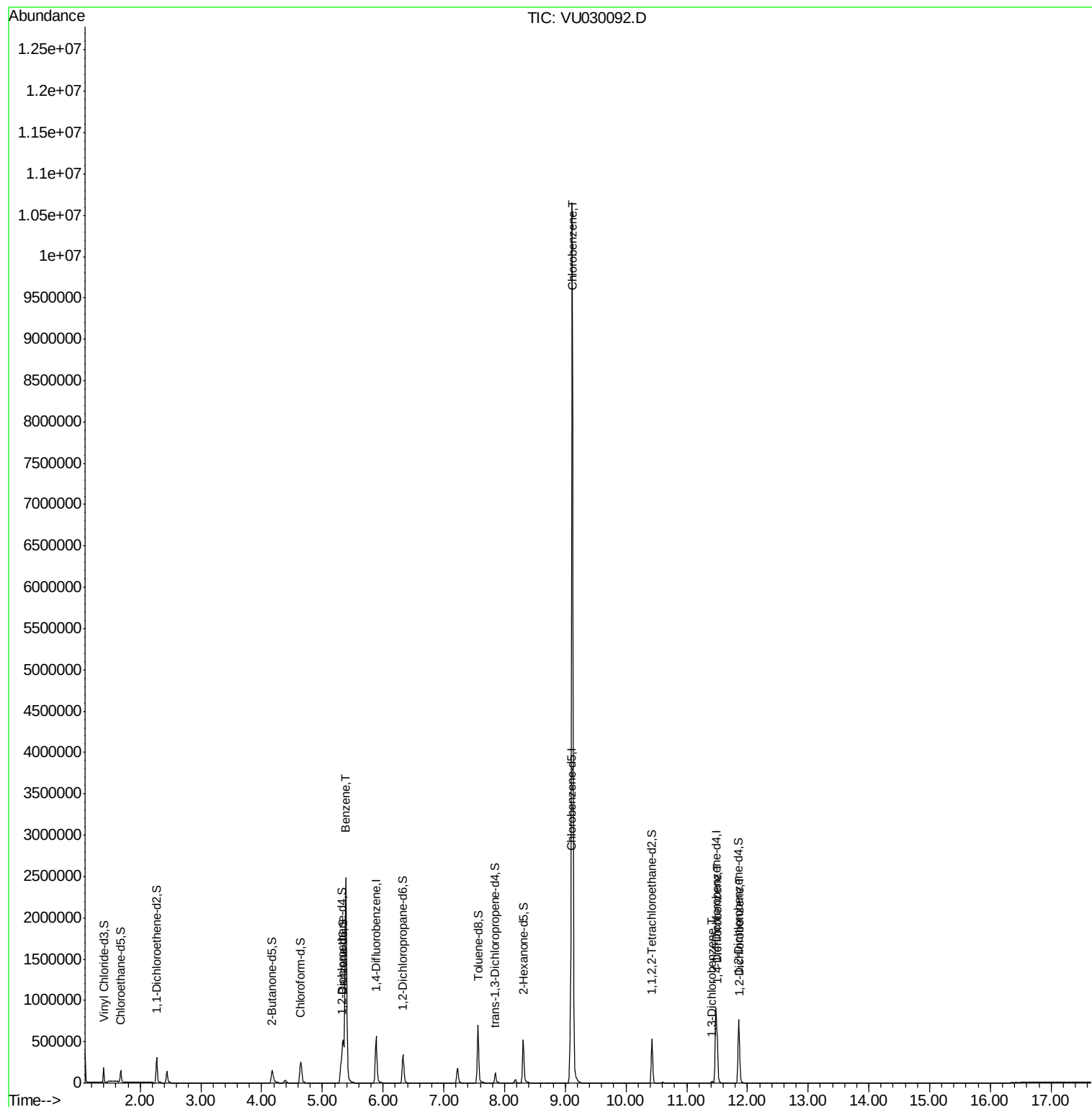
					Qvalue
33) Benzene	5.39	78	2634998	179.462	ug/L 100
51) Chlorobenzene	9.12	112	6241018	579.885	ug/L 100
62) 1,3-Dichlorobenzene	11.41	146	8847	1.118	ug/L 90
63) 1,4-Dichlorobenzene	11.50	146	229008	28.452	ug/L 100
65) 1,2-Dichlorobenzene	11.88	146	47839	6.004	ug/L 97

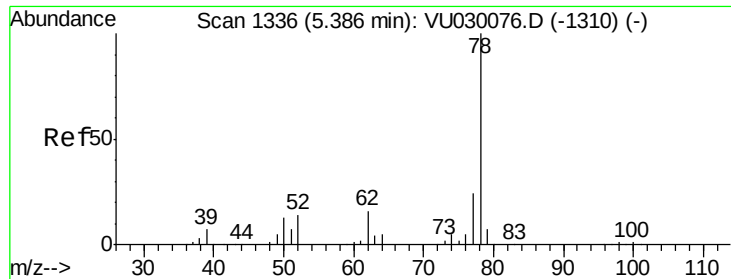
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 179.462 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU030092.D

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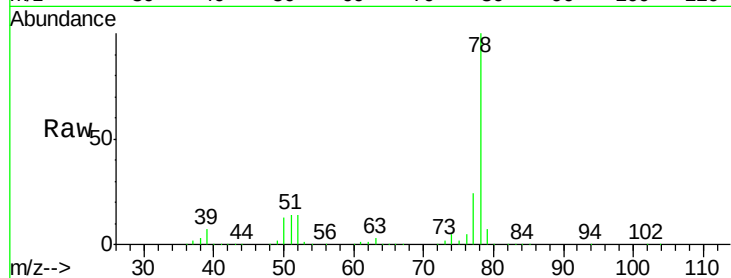
Instrument :

MSVOA_U

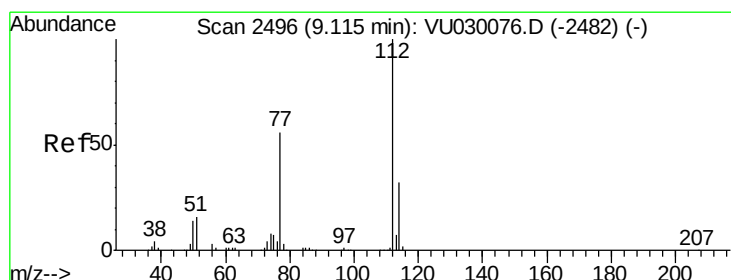
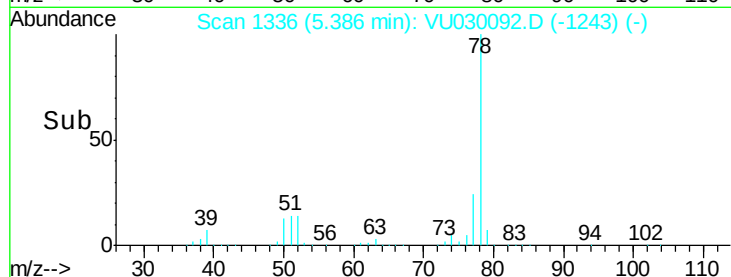
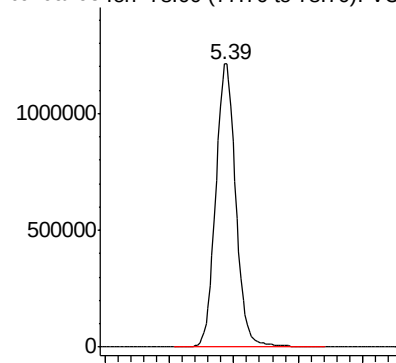
ClientSampleId :

C09G6

Tgt Ion: 78 Resp: 2634998



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 579.885 ug/L

RT: 9.12 min Scan# 2497

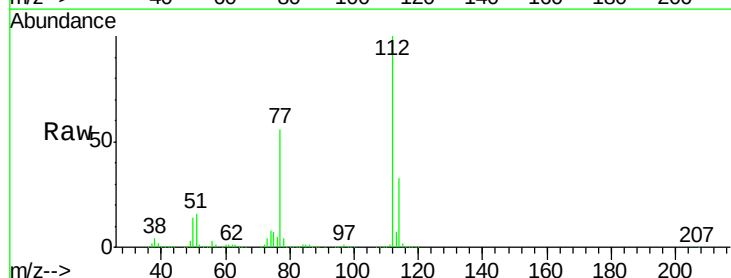
Delta R.T. 0.00 min

Lab File: VU030092.D

Acq: 14 Mar 2019 22:18

Tgt Ion:112 Resp: 6241018

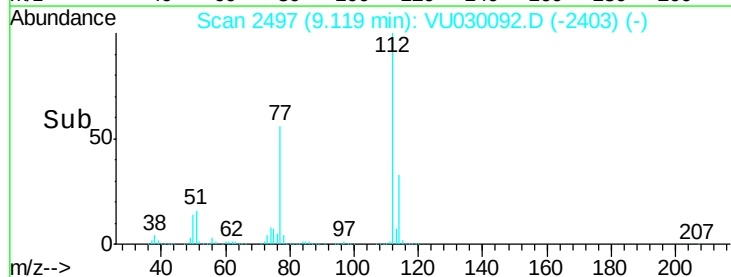
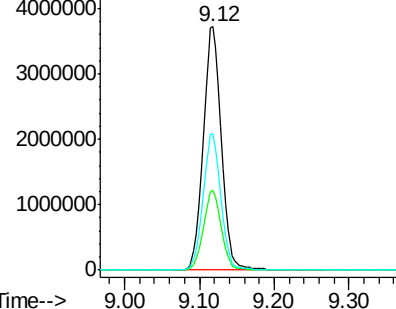
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.5	41.9
77	55.6	44.6	66.8

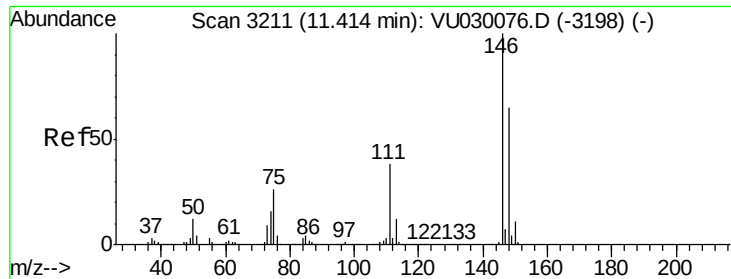


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

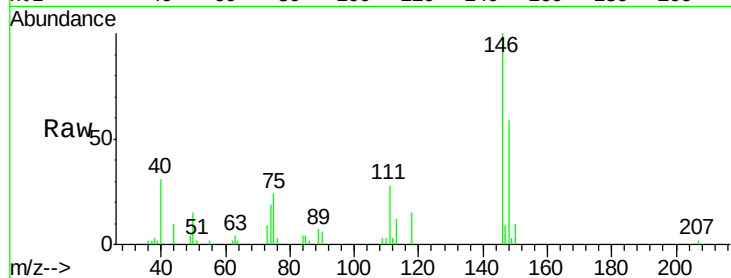




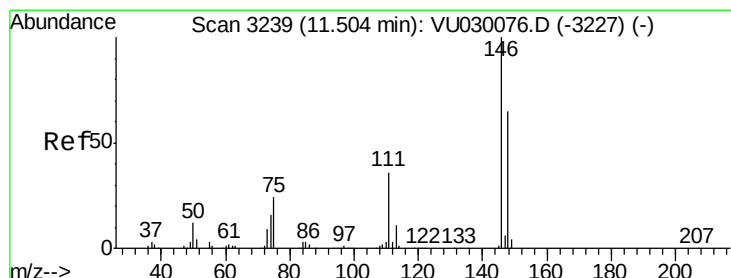
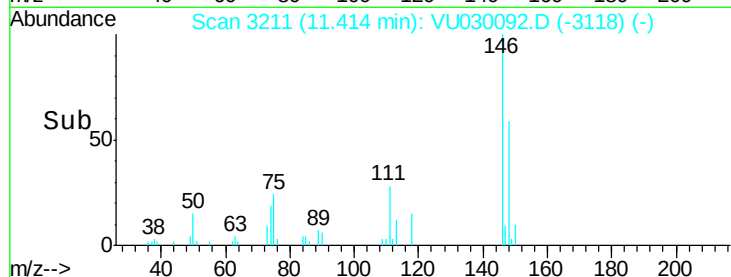
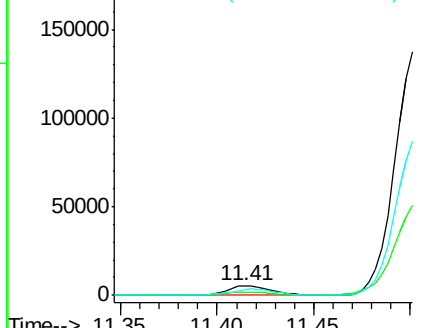
#62
 1,3-Dichlorobenzene
 Concen: 1.118 ug/L
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU030092.D
 Acq: 14 Mar 2019 22:18

Instrument :
 MSVOA_U
 ClientSampleId :
 C09G6

Tgt Ion:146 Resp: 8847
 Ion Ratio Lower Upper
 146 100
 111 28.1 26.7 49.5
 148 59.5 44.9 83.5

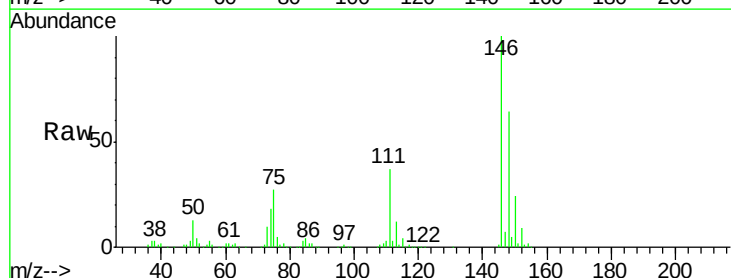


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

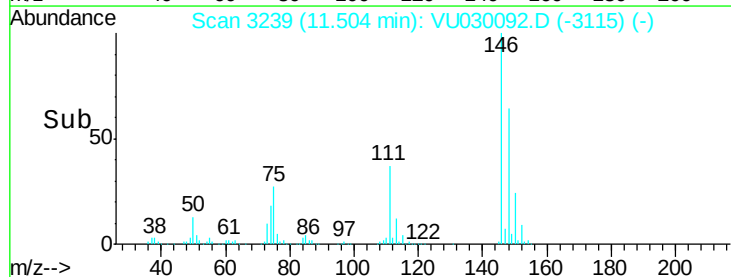
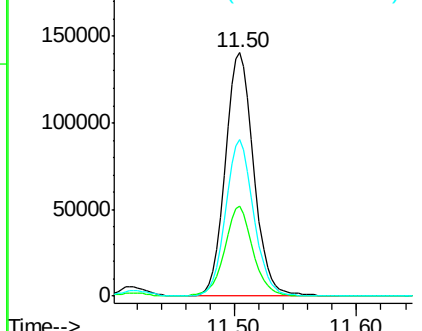


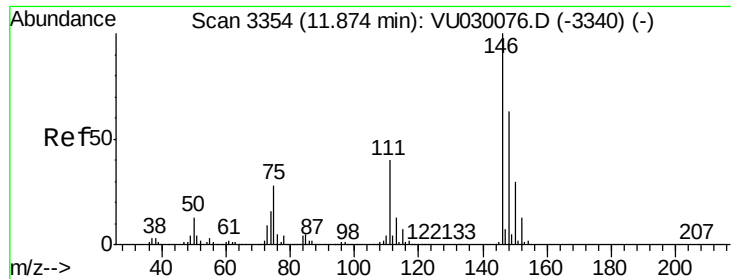
#63
 1,4-Dichlorobenzene
 Concen: 28.452 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030092.D
 Acq: 14 Mar 2019 22:18

Tgt Ion:146 Resp: 229008
 Ion Ratio Lower Upper
 146 100
 111 37.0 25.5 47.3
 148 64.1 45.0 83.6



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

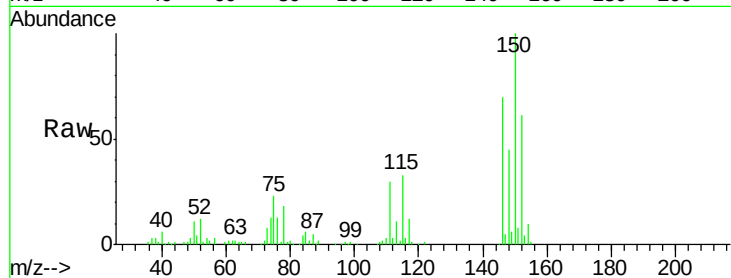




#65
 1,2-Dichlorobenzene
 Concen: 6.004 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030092.D
 Acq: 14 Mar 2019 22:18

Instrument :
 MSVOA_U
 ClientSampleId :
 C09G6

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	30.9	46.3
148	64.5	51.2	76.8



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

