

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102319\
 Data File : VU035406.D
 Acq On : 23 Oct 2019 13:21
 Operator : JC/SP
 Sample : K5461-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G18

Quant Time: Oct 23 18:17:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 17:16:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	242971	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	238826	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	87522	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	65678	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.93	69	68514	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.59	63	94155	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.70	46	238778	56.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.16%
24) Chloroform-d	5.11	84	138937	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.75	65	83731	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.77	84	276269	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.74	67	97555	5.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.40%
41) Toluene-d8	7.93	98	234665	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.22	79	37511	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.69	63	182840	49.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.52%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	87567	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	80057	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

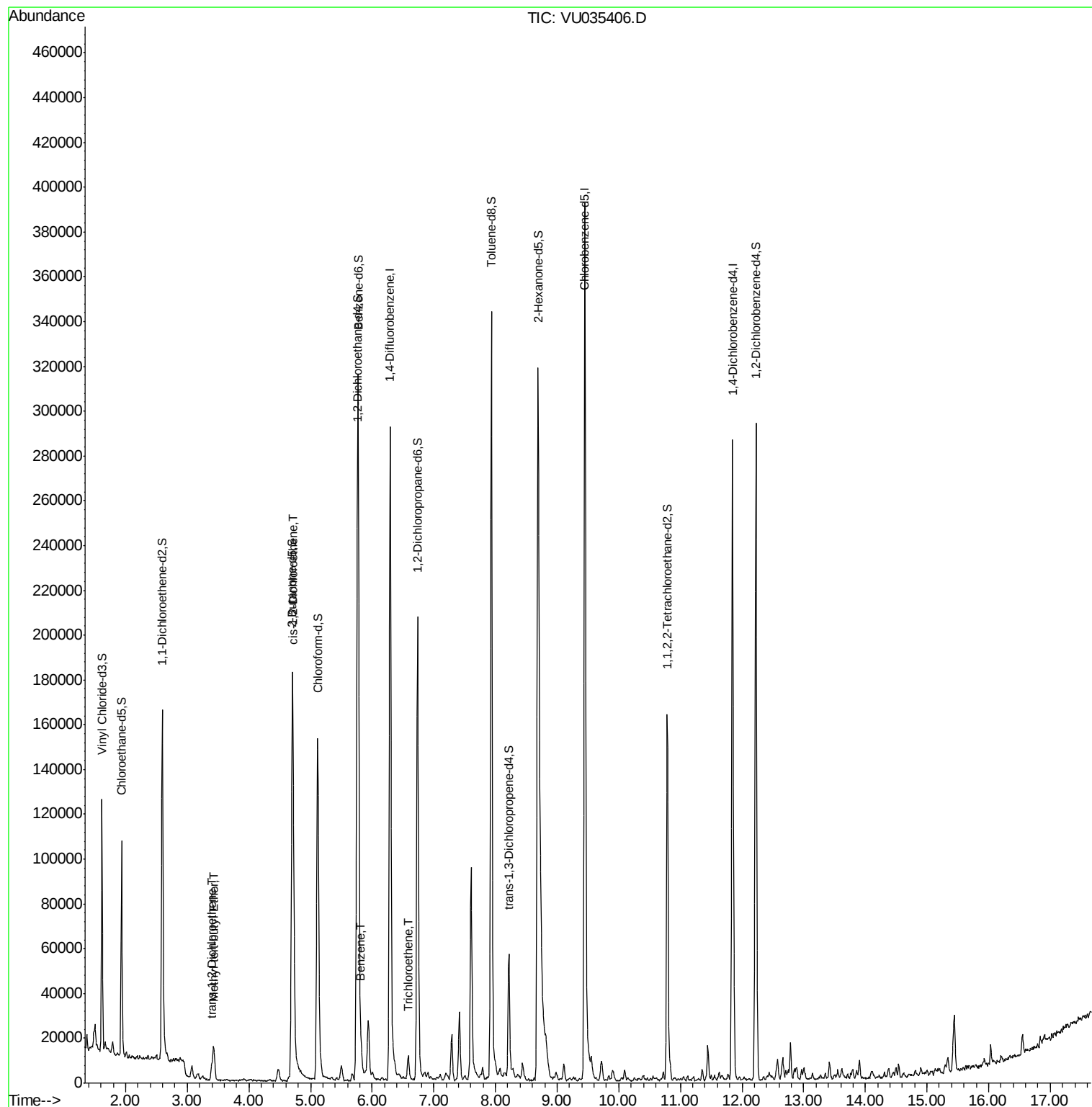
					Ovalue
17) Methyl tert-butyl Ether	3.43	73	16022	0.381 ug/L	92
18) trans-1,2-Dichloroethene	3.39	96	1643	0.098 ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	24454	1.313 ug/L	97
33) Benzene	5.82	78	8518	0.121 ug/L	100
34) Trichloroethene	6.58	95	2099	0.111 ug/L	97

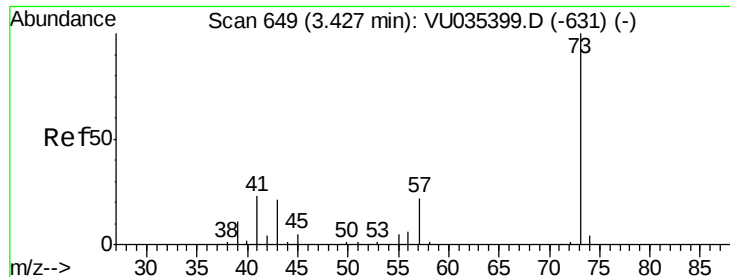
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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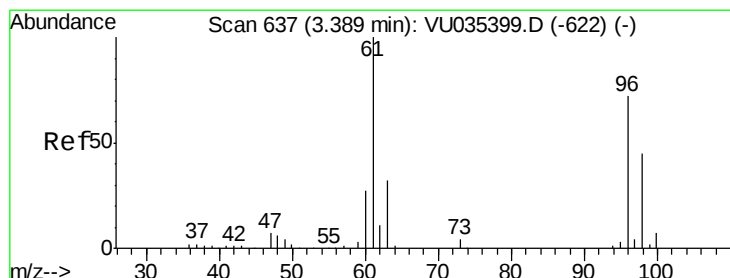
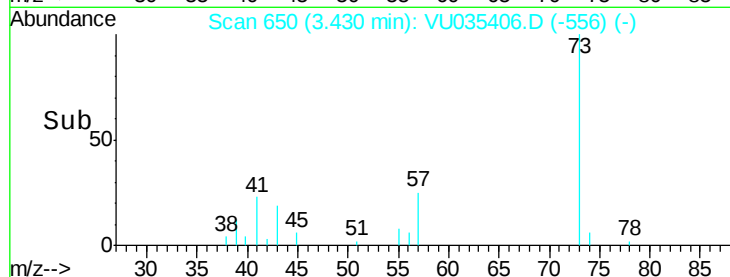
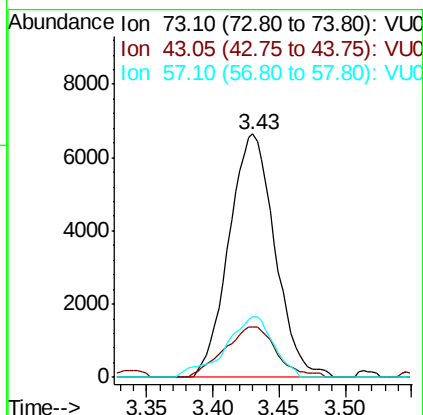
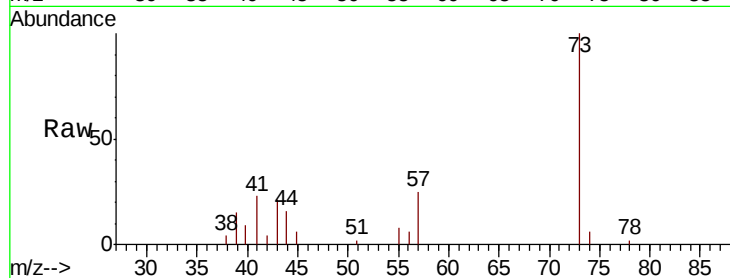




#17
Methvl tert-butvl Ether
Concen: 0.381 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035406.D
Acq: 23 Oct 2019 13:21

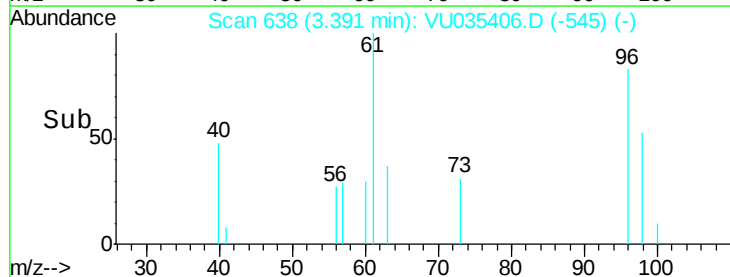
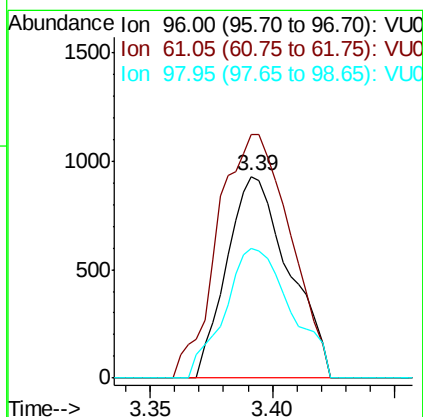
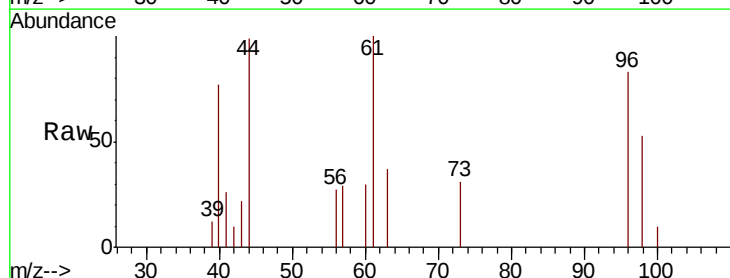
Instrument :
MSVOA_U
ClientSampleId :
H0G18

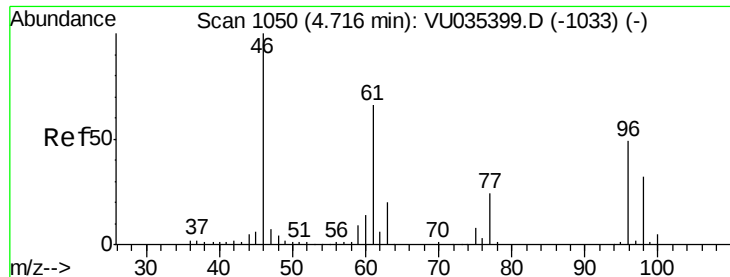
Tot Ion: 73 Resp: 16022
Ion Ratio Lower Upper
73 100
43 23.5 16.0 24.0
57 25.9 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 0.098 ug/L
RT: 3.39 min Scan# 638
Delta R.T. -0.00 min
Lab File: VU035406.D
Acq: 23 Oct 2019 13:21

Tgt Ion: 96 Resp: 1643
Ion Ratio Lower Upper
96 100
61 120.6 93.0 172.6
98 64.1 43.7 81.1





#22

cis-1,2-Dichloroethene

Concen: 1.313 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VU035406.D

Acq: 23 Oct 2019 13:21

Instrument :

MSVOA_U

ClientSampleId :

H0G18

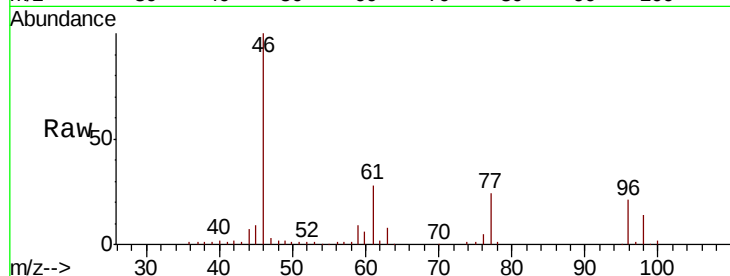
Tot Ion: 96 Resp: 24454

Ion Ratio Lower Upper

96 100

61 131.5 89.7 166.5

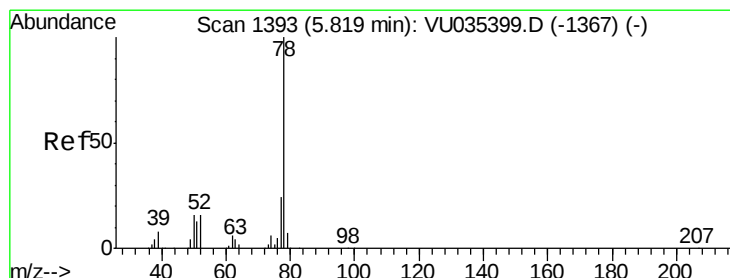
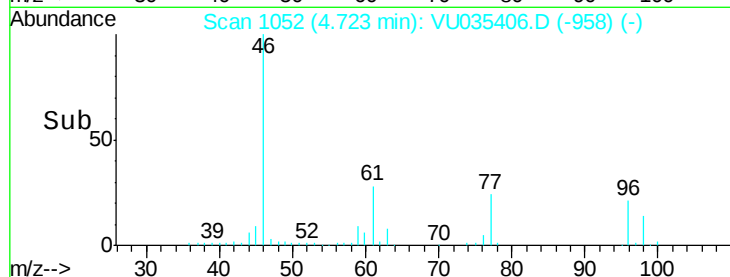
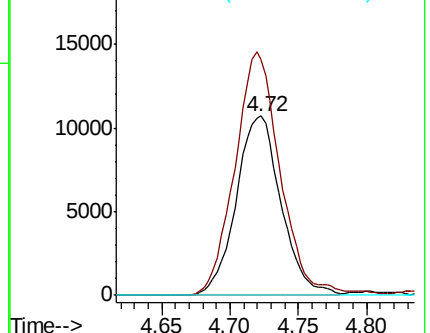
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035399.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU035399.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU035399.D (-1033) (-)



#33

Benzene

Concen: 0.121 ug/L

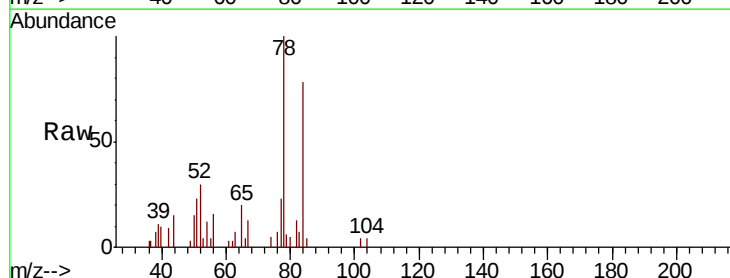
RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

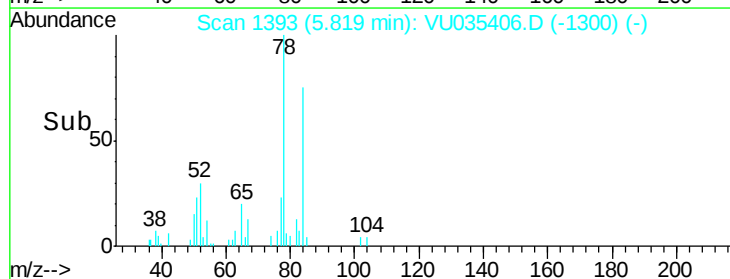
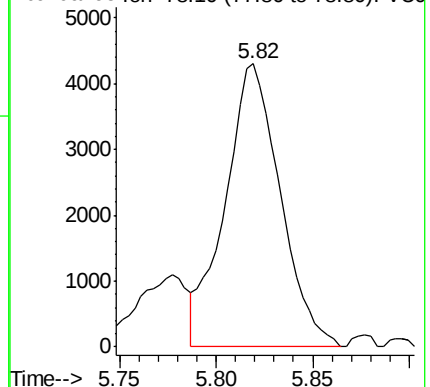
Lab File: VU035406.D

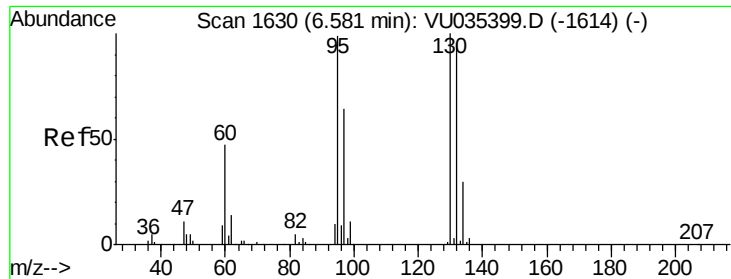
Acq: 23 Oct 2019 13:21

Tgt Ion: 78 Resp: 8518



Abundance Ion 78.10 (77.80 to 78.80): VU035399.D (-1367) (-)

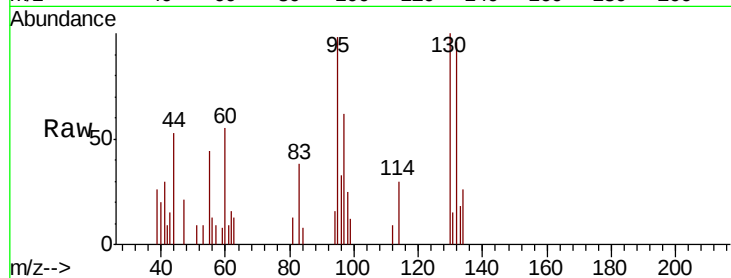




#34
 Trichloroethene
 Concen: 0.111 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035406.D
 Acq: 23 Oct 2019 13:21

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G18

Tot Ion:	95	Resp:	2099
Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.6	86.6
132	98.0	68.7	127.7
130	101.7	73.9	137.3



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

