

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011620\
 Data File : VU036505.D
 Acq On : 16 Jan 2020 17:57
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 00:49:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 00:47:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	542113	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	518237	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	227879	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	170891	48.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.24%
7) Chloroethane-d5	1.93	69	154918	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.84%
11) 1,1-Dichloroethene-d2	2.59	63	255253	37.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.64%
21) 2-Butanone-d5	4.68	46	316149	104.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.62%
24) Chloroform-d	5.11	84	356083	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
26) 1,2-Dichloroethane-d4	5.75	65	242019	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.06%
32) Benzene-d6	5.77	84	694790	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
36) 1,2-Dichloropropane-d6	6.73	67	229672	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.22%
41) Toluene-d8	7.93	98	651694	50.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.68%
43) trans-1,3-Dichloropropene-	8.21	79	119410	50.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.58%
47) 2-Hexanone-d5	8.67	63	247805	109.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.71%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	343324	51.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.56%
64) 1,2-Dichlorobenzene-d4	12.21	152	239351	53.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.66%

Target Compounds

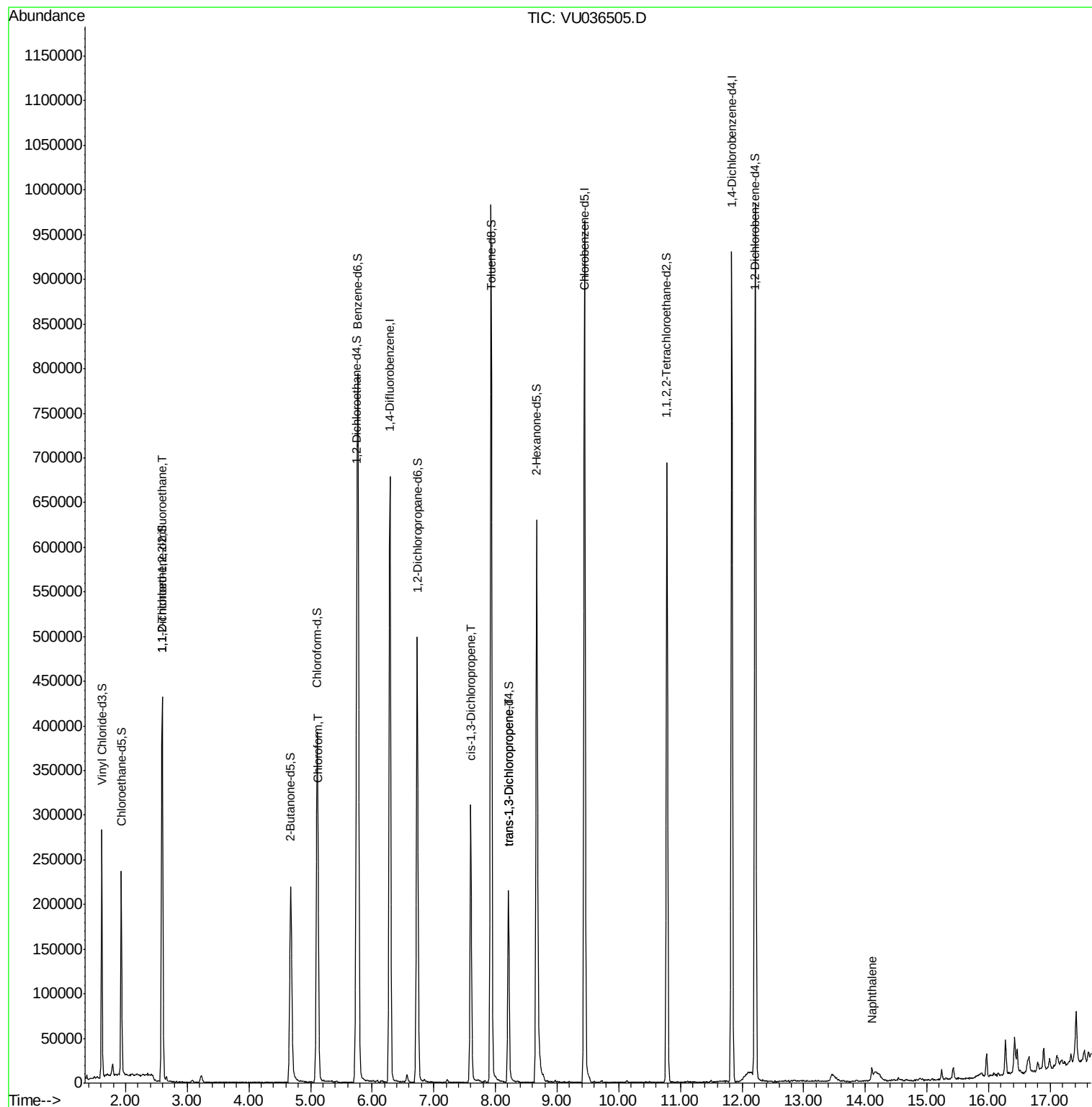
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2393	0.740	ug/L #	24
25) Chloroform	5.13	83	8536	1.207	ug/L	83
39) cis-1,3-Dichloropropene	7.60	75	8479	1.327	ug/L #	56
44) trans-1,3-Dichloropropene	8.21	75	6258	1.057	ug/L #	82
69) Naphthalene	14.10	128	9379	0.868	ug/L #	93

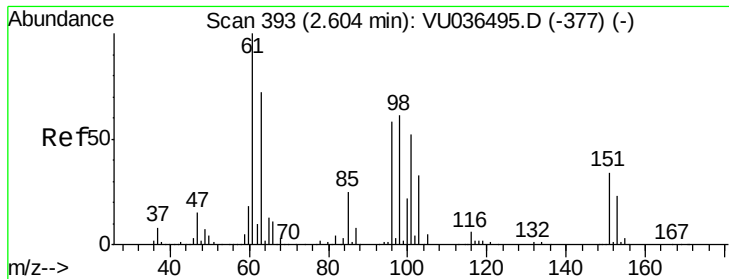
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.740 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

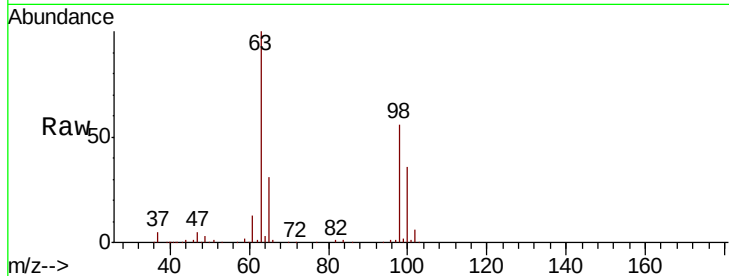
Tot Ion:101 Resp: 2393

Ion Ratio Lower Upper

101 100

85 2.8 36.7 55.1#

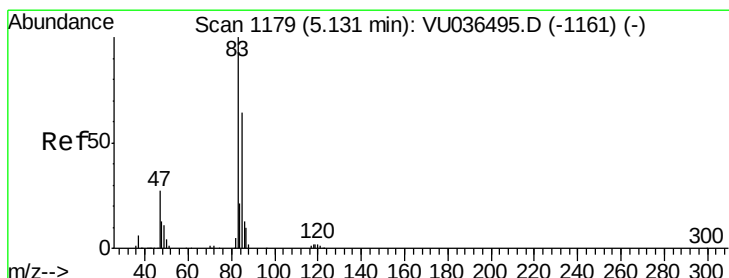
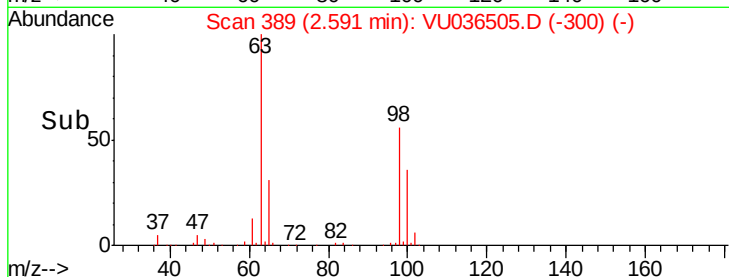
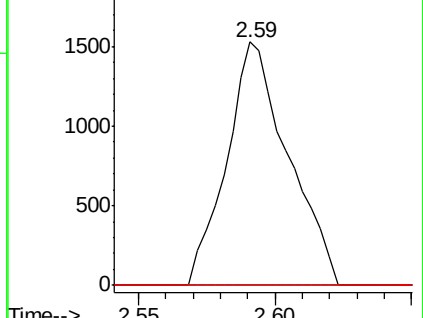
151 0.0 53.3 79.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.207 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VU036505.D

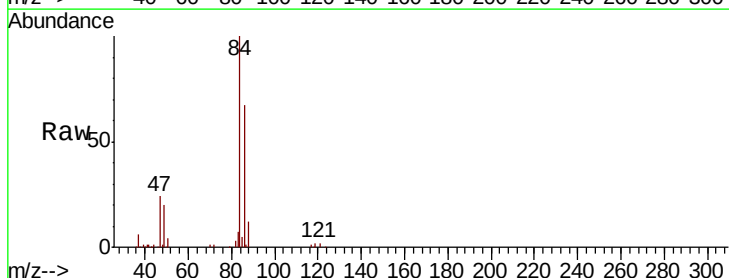
Acq: 16 Jan 2020 17:57

Tgt Ion: 83 Resp: 8536

Ion Ratio Lower Upper

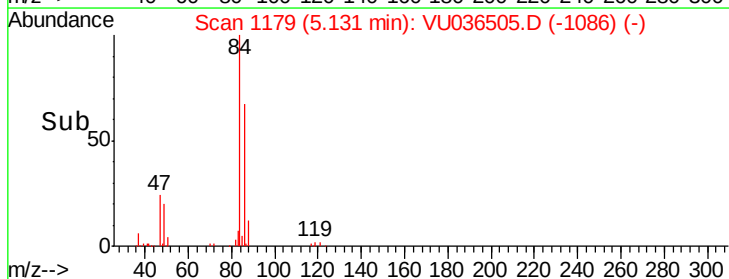
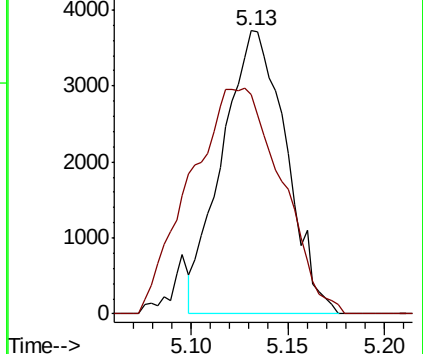
83 100

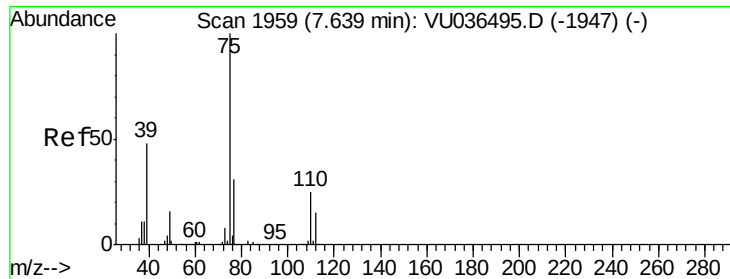
85 77.6 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 1.327 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

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Instrument :

MSVOA_U

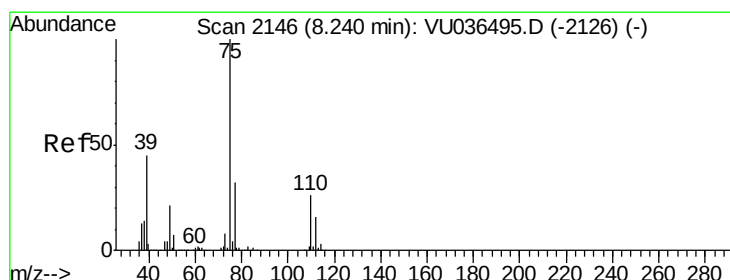
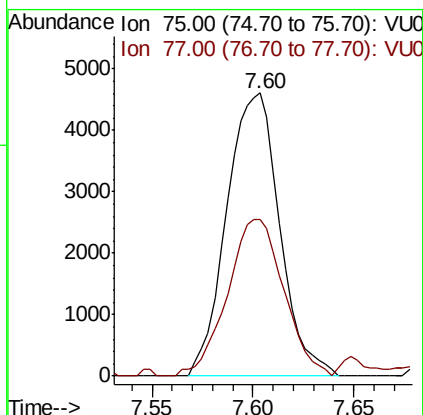
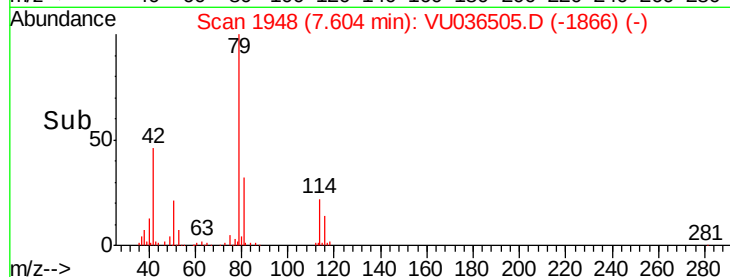
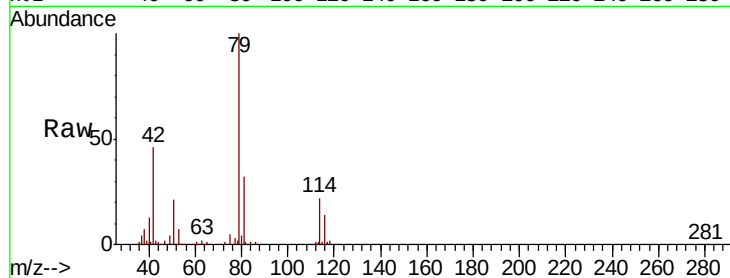
ClientSampleId :

Tot Ion: 75 Resp: 8479

Ion Ratio Lower Upper

75 100

77 55.4 21.8 40.4#



#44

trans-1,3-Dichloropropene

Concen: 1.057 ug/L

RT: 8.21 min Scan# 2136

Delta R.T. -0.03 min

Lab File: VU036505.D

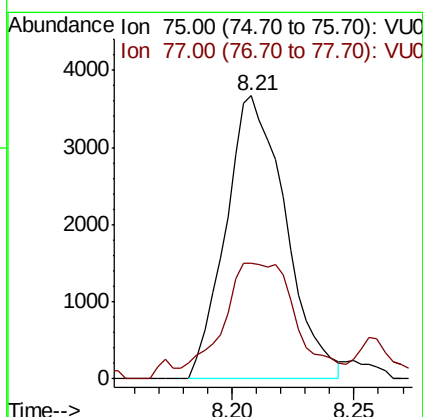
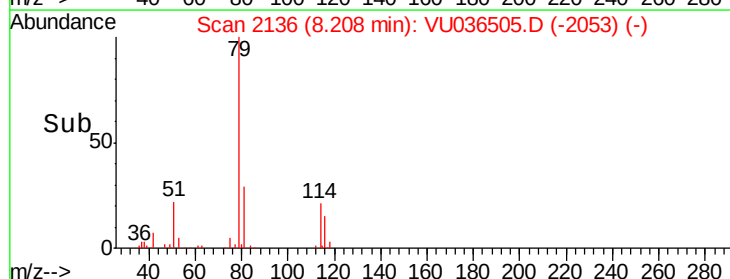
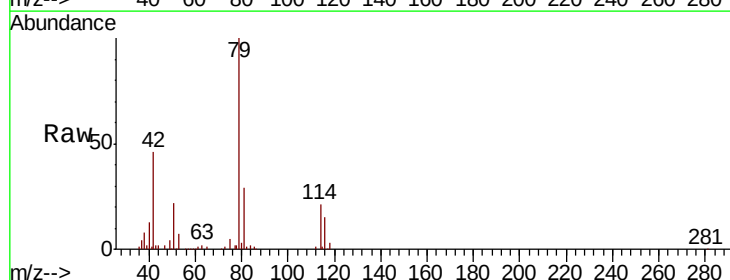
Acq: 16 Jan 2020 17:57

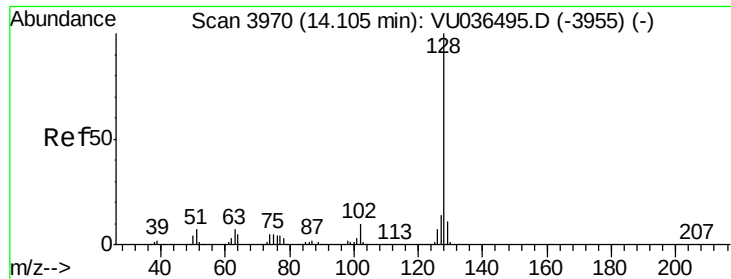
Tgt Ion: 75 Resp: 6258

Ion Ratio Lower Upper

75 100

77 41.0 21.8 40.4#





#69

Naphthalene

Concen: 0.868 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

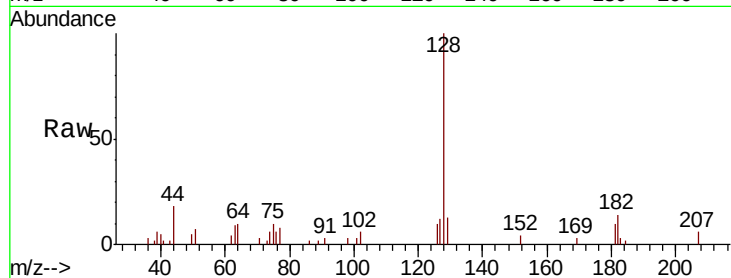
Lab File: VU036505.D

Acq: 16 Jan 2020 17:57

Instrument :

MSVOA_U

ClientSampleId :



Tot Ion:	128	Resp:	9379
Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.0	15.0#
129	11.9	8.6	12.8

