

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
 Data File : VU026796.D
 Acq On : 15 Sep 2018 23:12
 Operator : MD/SY
 Sample : J4918-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KX3

Quant Time: Sep 17 08:14:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 07:09:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	117627	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	95860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37847	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43964	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.68	69	37220	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.28	63	77012	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	4.20	46	96111	48.74	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.48%
24) Chloroform-d	4.65	84	74377	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.31	65	39641	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.34	84	154309	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
36) 1,2-Dichloropropane-d6	6.33	67	49220	5.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.20%
41) Toluene-d8	7.57	98	115776	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.85	79	14366	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.32	63	56464	44.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35226	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	40063	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

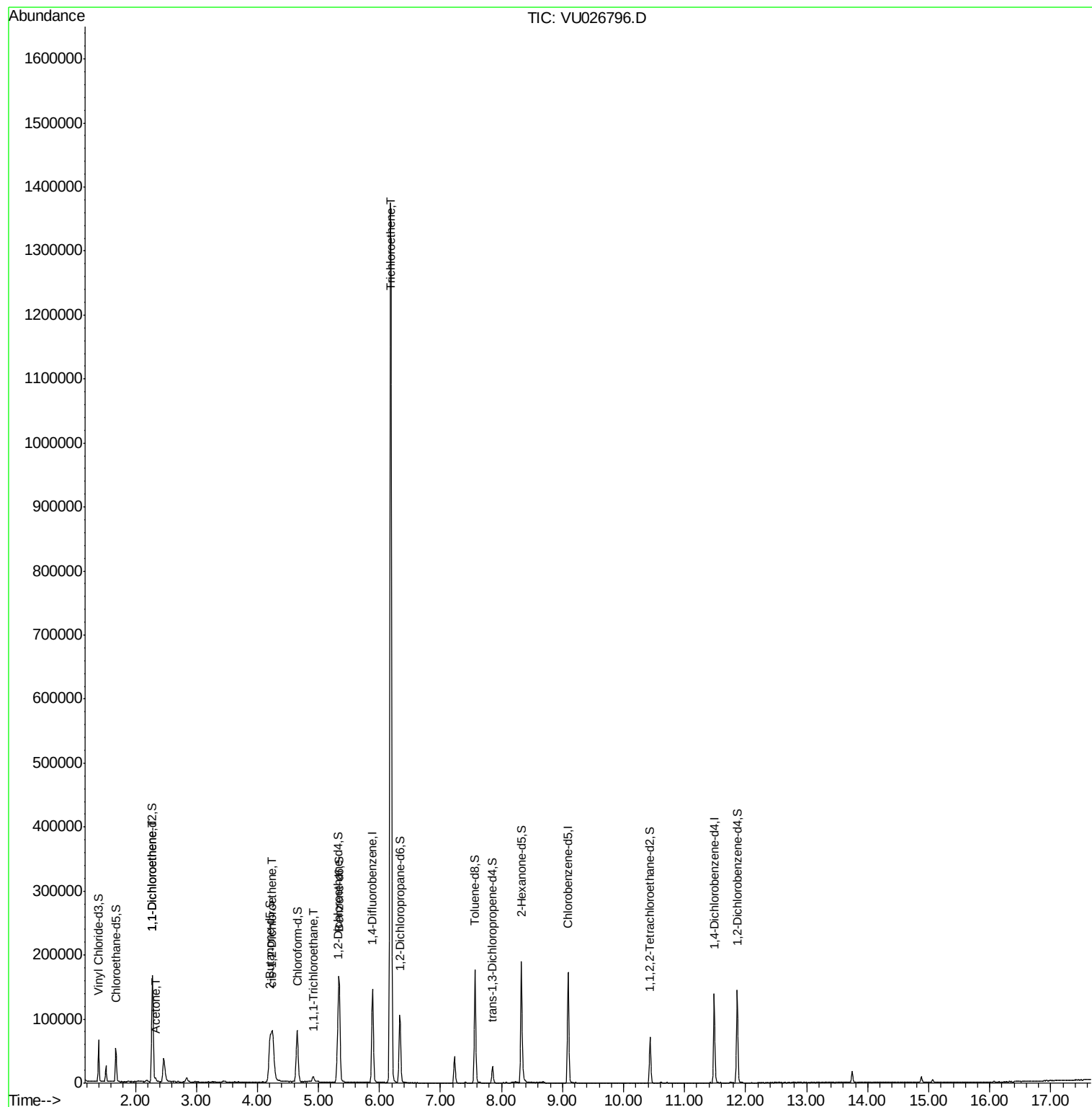
Target Compounds						Ovalue
12) 1,1-Dichloroethene	2.29	96	28906	3.30	ug/L	# 79
13) Acetone	2.33	43	5655	3.23	ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	15942	1.53	ug/L	89
29) 1,1,1-Trichloroethane	4.91	97	6400	0.46	ug/L	99
34) Trichloroethene	6.18	95	455371	49.80	ug/L	99

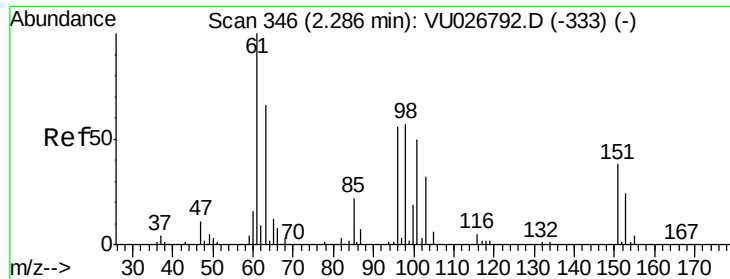
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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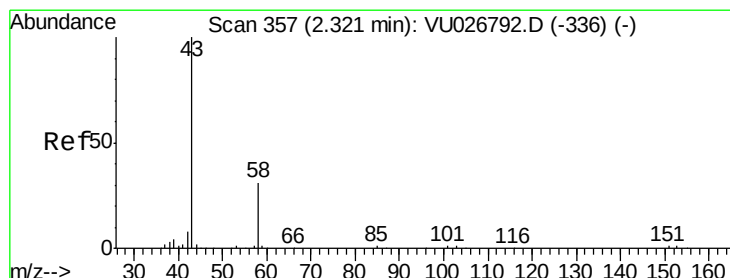
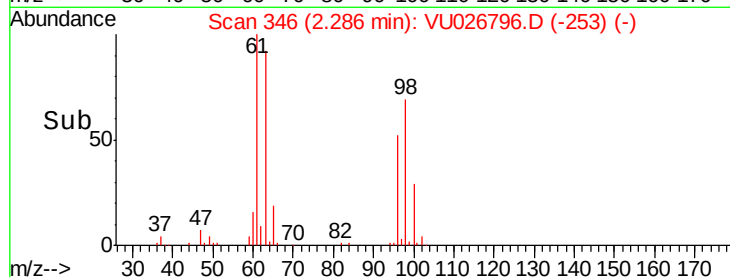
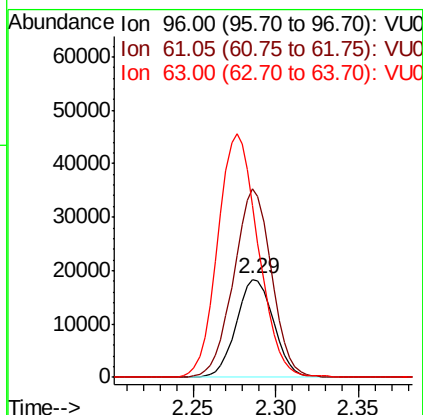
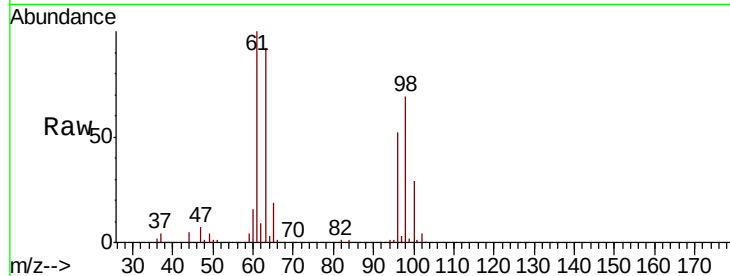




#12
 1,1-Dichloroethene
 Concen: 3.30 ug/L
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU026796.D
 Acq: 15 Sep 2018 23:12

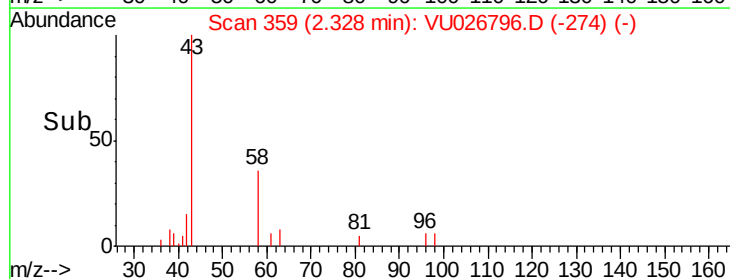
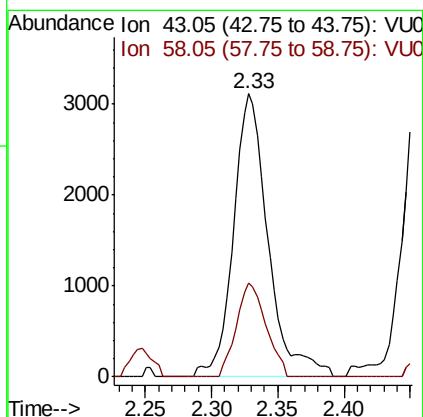
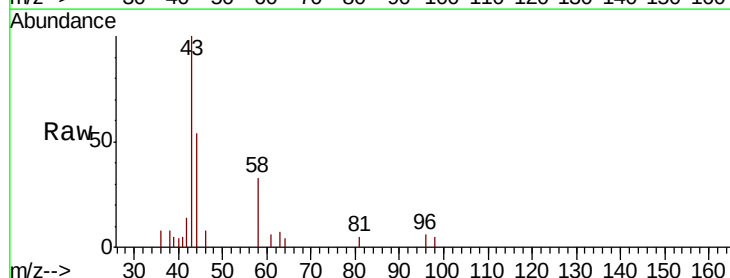
Instrument :
 MSVOA_U
 ClientSampled :
 C0KX3

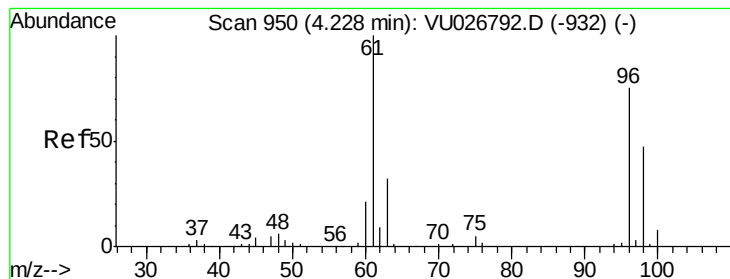
Tot Ion	Ratio	Lower	Upper
96	100		
61	191.9	126.6	235.2
63	175.9	91.3	169.5



#13
 Acetone
 Concen: 3.23 ug/L
 RT: 2.33 min Scan# 359
 Delta R.T. -0.03 min
 Lab File: VU026796.D
 Acq: 15 Sep 2018 23:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	63.0





#22

cis-1,2-Dichloroethene

Concen: 1.53 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU026796.D

Acq: 15 Sep 2018 23:12

Instrument :

MSVOA_U

ClientSampleId :

C0KX3

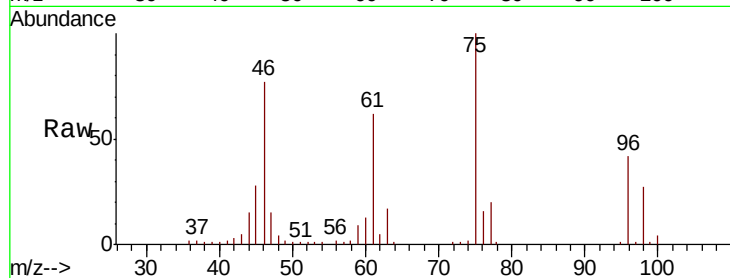
Tot Ion: 96 Resp: 15942

Ion Ratio Lower Upper

96 100

61 147.5 94.4 175.2

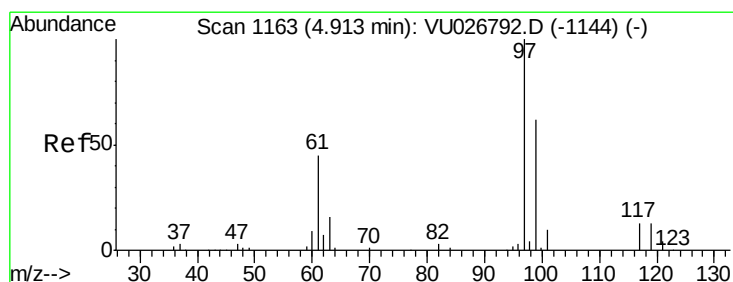
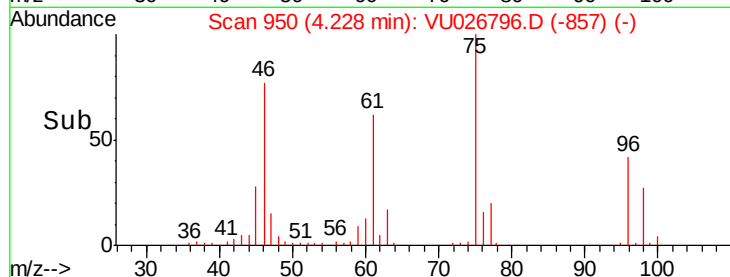
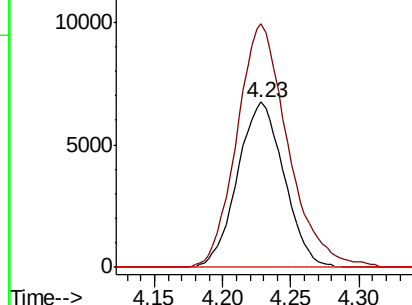
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#29

1,1,1-Trichloroethane

Concen: 0.46 ug/L

RT: 4.91 min Scan# 1163

Delta R.T. 0.00 min

Lab File: VU026796.D

Acq: 15 Sep 2018 23:12

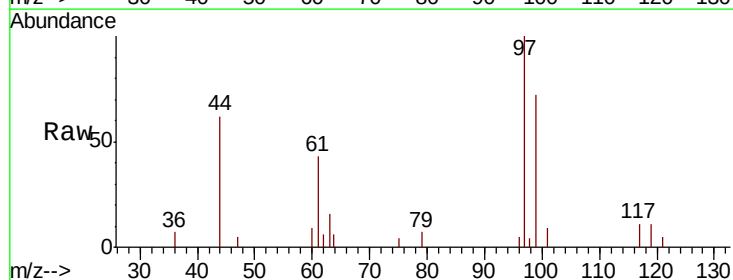
Tgt Ion: 97 Resp: 6400

Ion Ratio Lower Upper

97 100

99 65.6 51.5 77.3

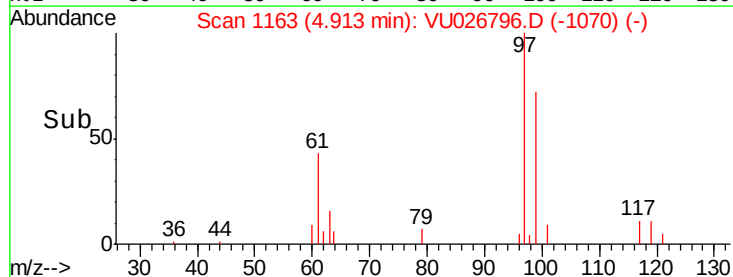
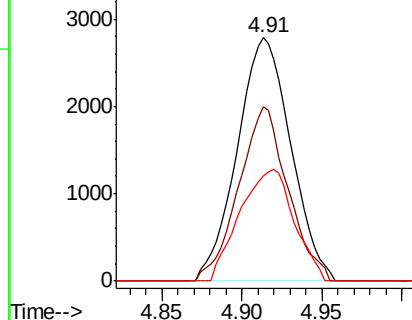
61 46.4 36.6 54.8

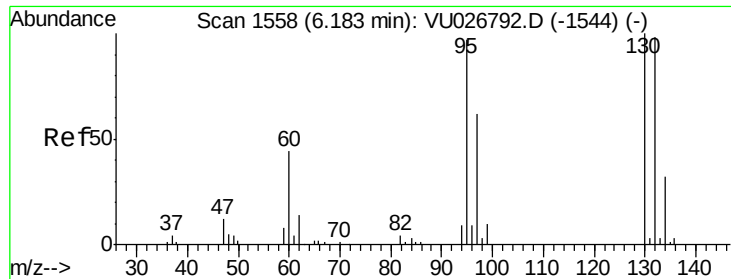


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 49.80 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU026796.D

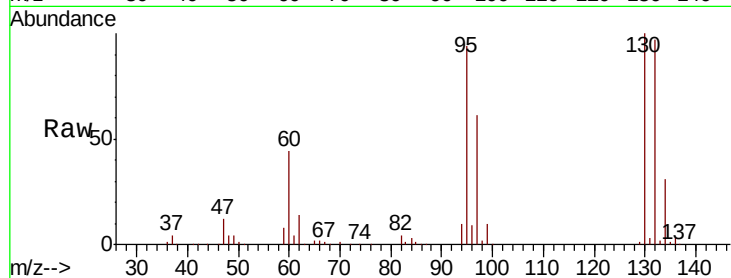
Acq: 15 Sep 2018 23:12

Instrument :

MSVOA_U

ClientSampleId :

C0KX3



Tot Ion: 95 Resp: 455371

Ion Ratio Lower Upper

95 100

97 64.7 45.1 83.9

132 102.8 72.0 133.8

130 106.0 73.1 135.7

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

