

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101620\
 Data File : VU040754.D
 Acq On : 16 Oct 2020 17:51
 Operator : SY/MD
 Sample : L4419-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK0

Quant Time: Oct 17 01:27:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 23:38:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109740	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45570	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37471	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.92	69	35264	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.58	63	60270	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.66	46	158598	54.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.00%
24) Chloroform-d	5.08	84	83770	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.72	65	52473	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.74	84	147382	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.70	67	52359	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.91	98	114917	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	8.19	79	17572	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.64	63	100720	45.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47203	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47219	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

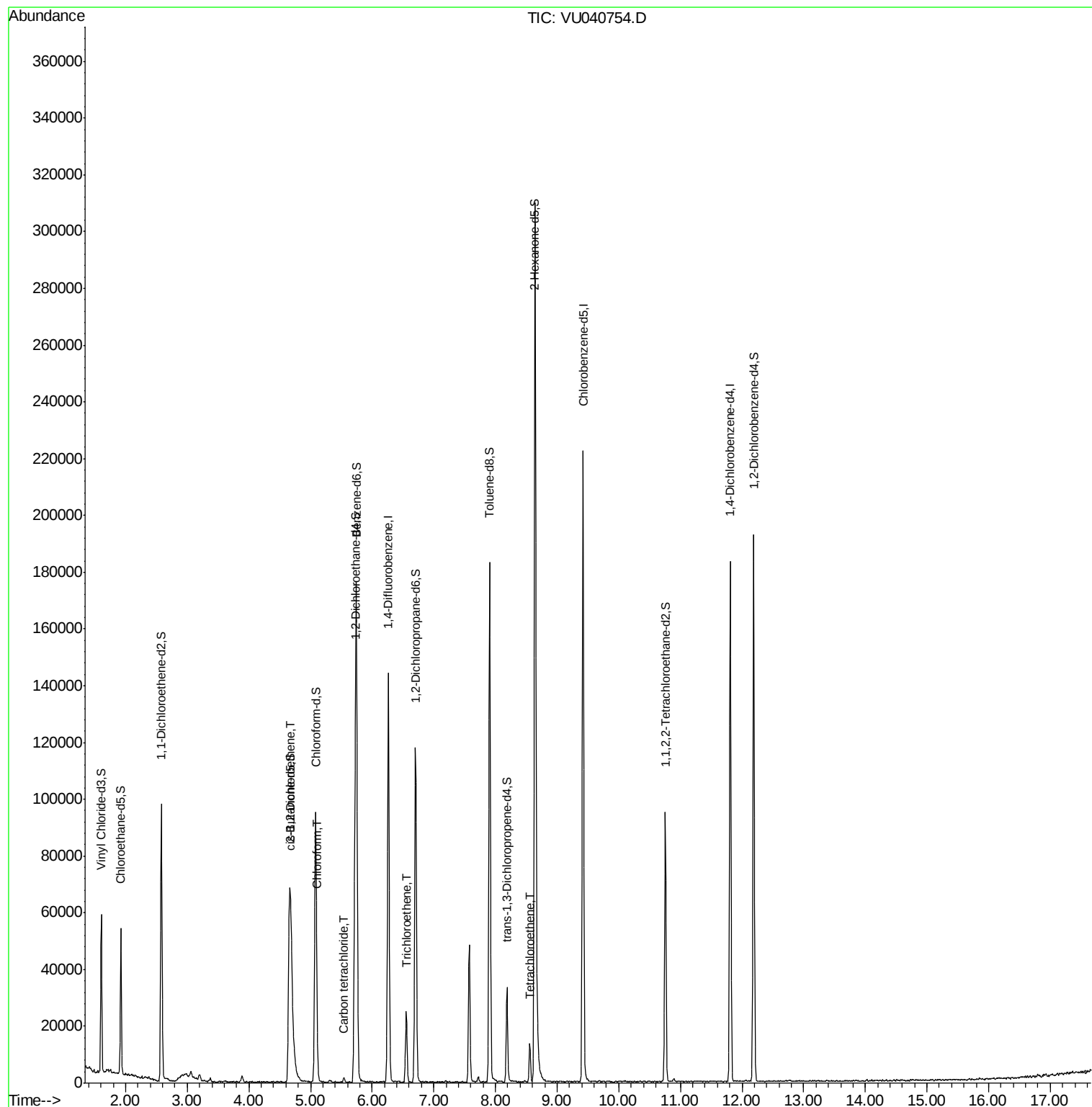
					Ovalue
22) cis-1,2-Dichloroethene	4.68	96	4724	0.534 ug/L	99
25) Chloroform	5.11	83	4051	0.234 ug/L	87
31) Carbon tetrachloride	5.54	117	975	0.075 ug/L	89
34) Trichloroethene	6.56	95	7936	0.840 ug/L	97
47) Tetrachloroethene	8.56	164	2936	0.436 ug/L	91

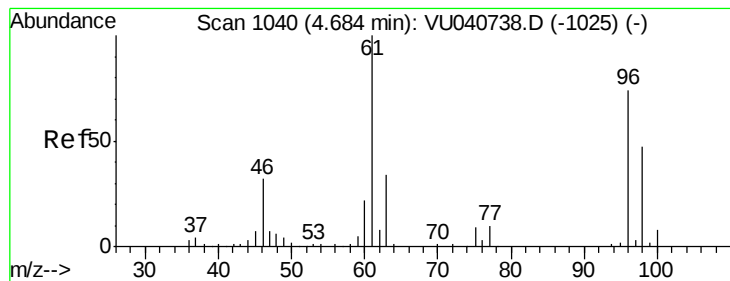
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.534 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

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C0AK0

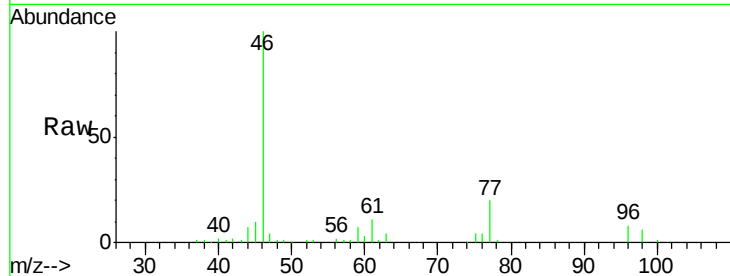
Tot Ion: 96 Resp: 4724

Ion Ratio Lower Upper

96 100

61 143.8 99.8 185.4

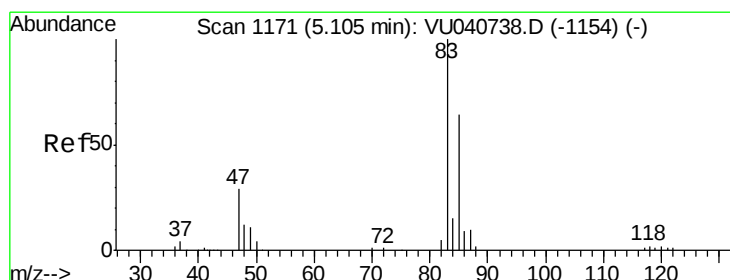
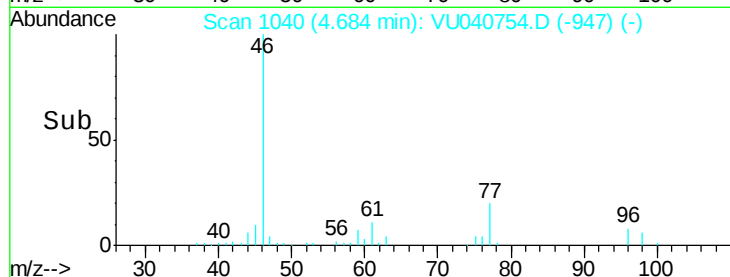
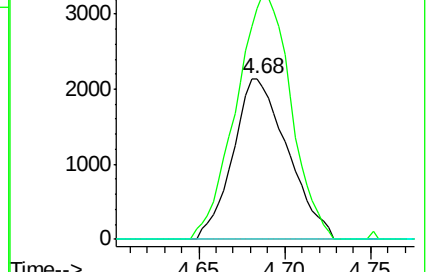
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040738.D (-1025) (-)

Ion 61.05 (60.75 to 61.75): VU040738.D (-1025) (-)

Ion 68.15 (67.85 to 68.85): VU040738.D (-1025) (-)



#25

Chloroform

Concen: 0.234 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040754.D

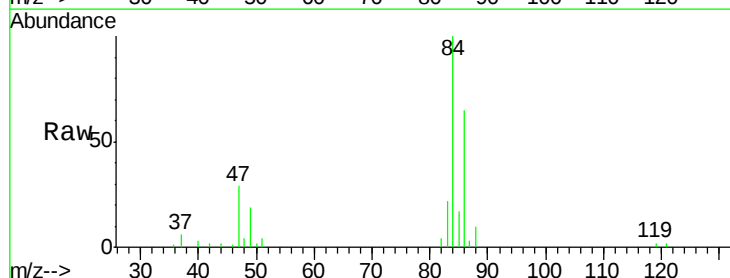
Acq: 16 Oct 2020 17:51

Tgt Ion: 83 Resp: 4051

Ion Ratio Lower Upper

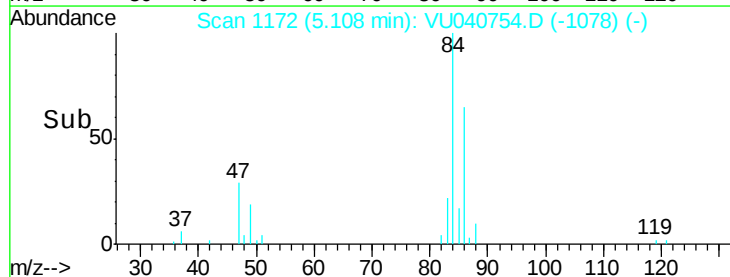
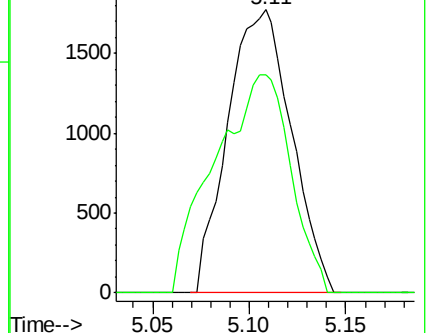
83 100

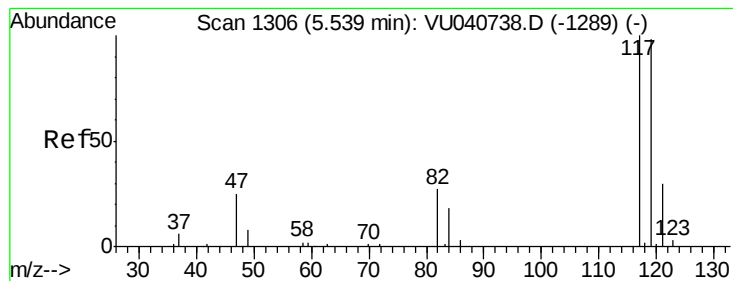
85 77.1 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU040738.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU040738.D (-1154) (-)





#31

Carbon tetrachloride

Concen: 0.075 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. -0.00 min

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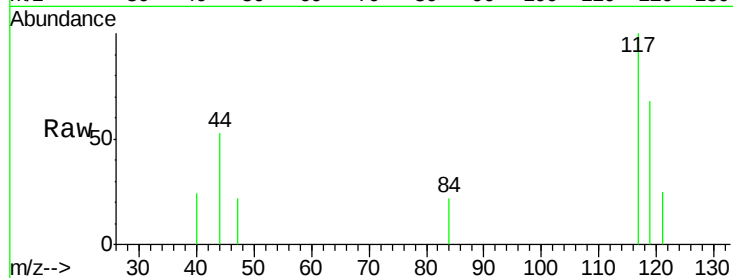
C0AK0

Tot Ion:117 Resp: 975

Ion Ratio Lower Upper

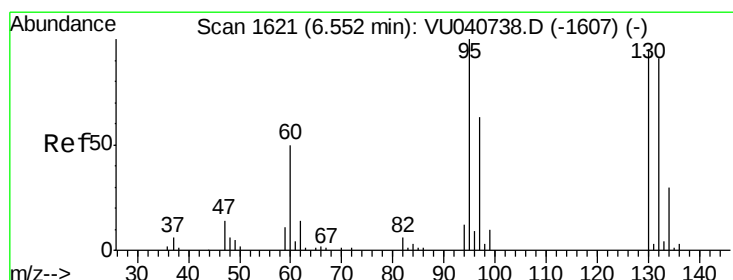
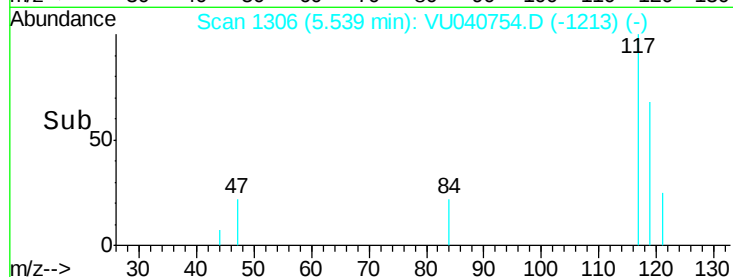
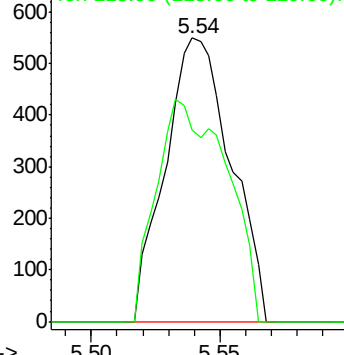
117 100

119 84.2 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 0.840 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040754.D

Acq: 16 Oct 2020 17:51

Tgt Ion: 95 Resp: 7936

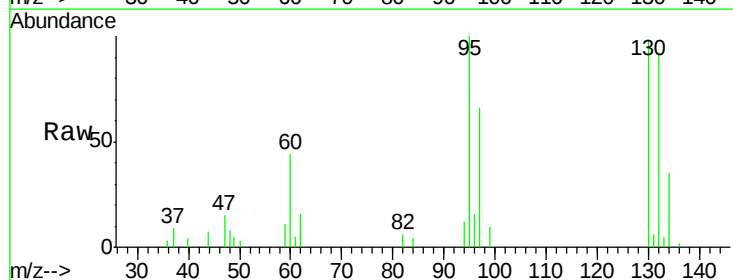
Ion Ratio Lower Upper

95 100

97 65.7 45.5 84.5

132 91.9 67.5 125.4

130 98.4 69.9 129.9

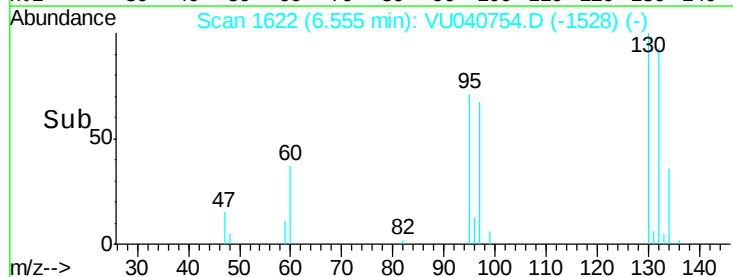
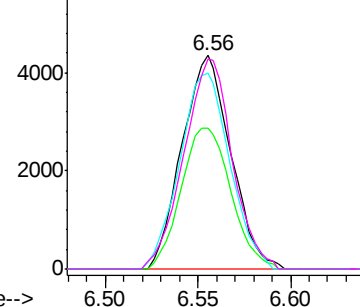


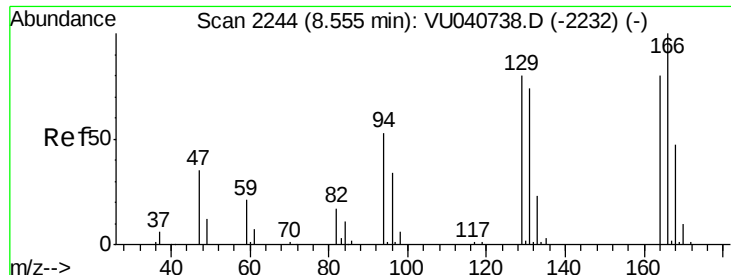
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0





#47

Tetrachloroethene

Concen: 0.436 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040754.D

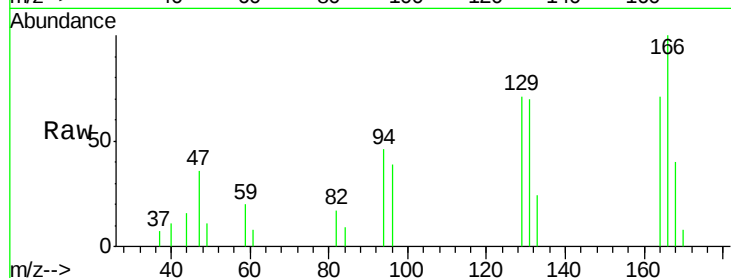
Acq: 16 Oct 2020 17:51

Instrument :

MSVOA_U

ClientSampleId :

C0AK0



Tot Ion:164 Resp: 2936

Ion Ratio Lower Upper

164 100

129 99.9 68.8 127.8

131 98.9 66.7 123.9

166 140.6 83.9 155.7

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

