

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101218\
 Data File : VU027620.D
 Acq On : 12 Oct 2018 13:53
 Operator : MD/SY
 Sample : J5380-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T19

Quant Time: Oct 13 01:54:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 13 01:37:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156382	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56468	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58934	47.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.78%
7) Chloroethane-d5	1.68	69	48532	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.38%
11) 1,1-Dichloroethene-d2	2.27	63	84378	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.10%
21) 2-Butanone-d5	4.18	46	104123	104.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.80%
24) Chloroform-d	4.65	84	103213	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
26) 1,2-Dichloroethane-d4	5.31	65	70943	51.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.86%
32) Benzene-d6	5.34	84	212764	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.74%
36) 1,2-Dichloropropane-d6	6.33	67	73906	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.20%
41) Toluene-d8	7.57	98	174401	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%
43) trans-1,3-Dichloropropene-	7.85	79	31217	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.22%
47) 2-Hexanone-d5	8.31	63	70544	99.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93329	50.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	59284	53.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.32%

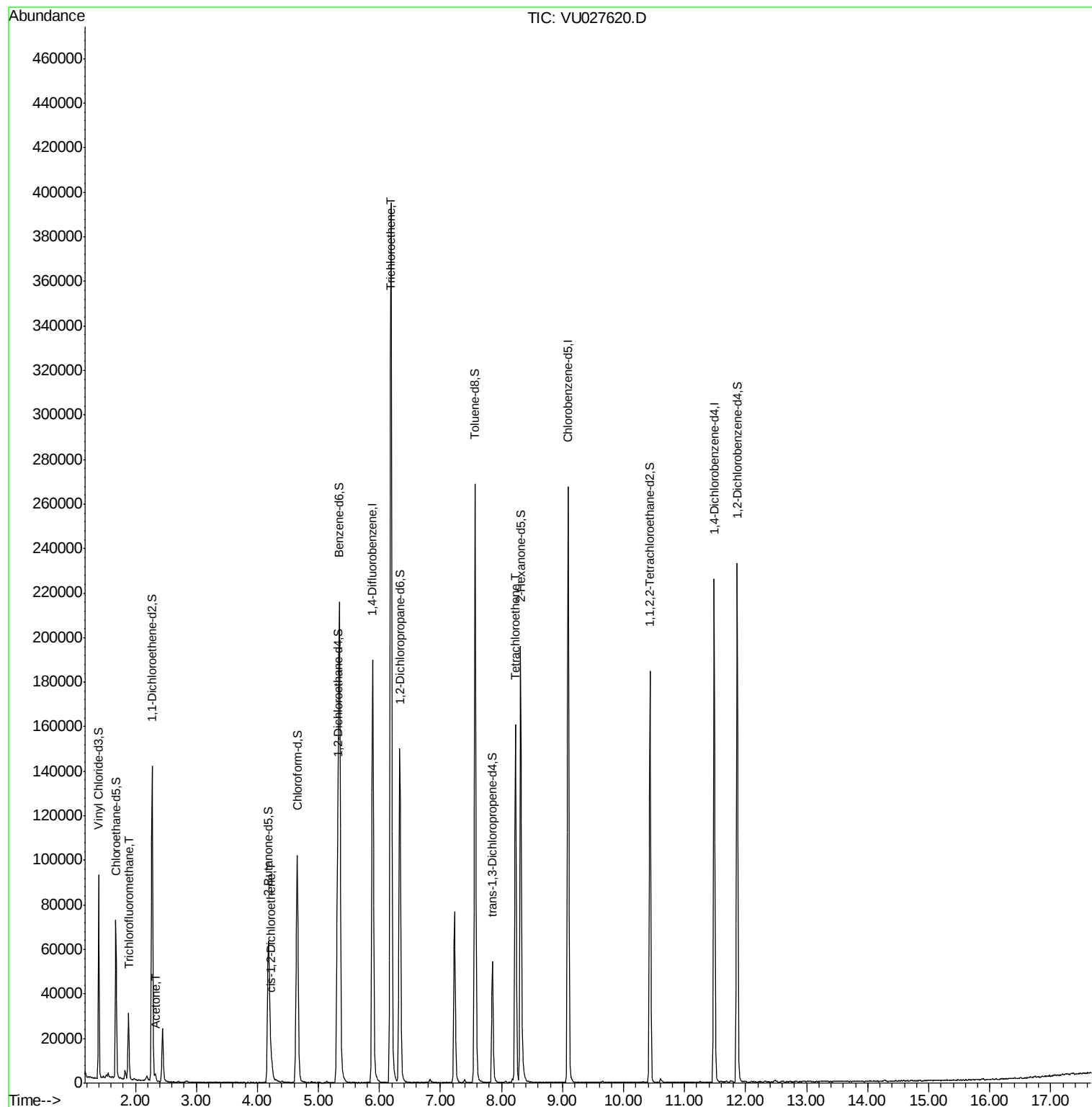
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	17542	10.06	ug/L	98
13) Acetone	2.32	43	2400	2.95	ug/L	94
20) cis-1,2-Dichloroethene	4.22	96	2944	2.37	ug/L	93
34) Trichloroethene	6.19	95	141008	124.67	ug/L	99
46) Tetrachloroethene	8.23	164	36591	43.53	ug/L	100

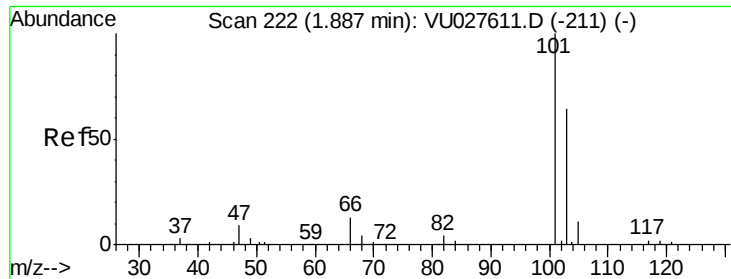
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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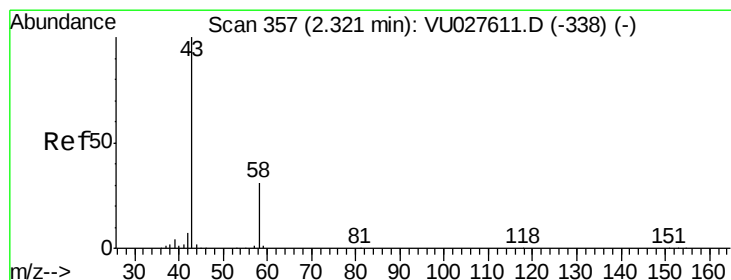
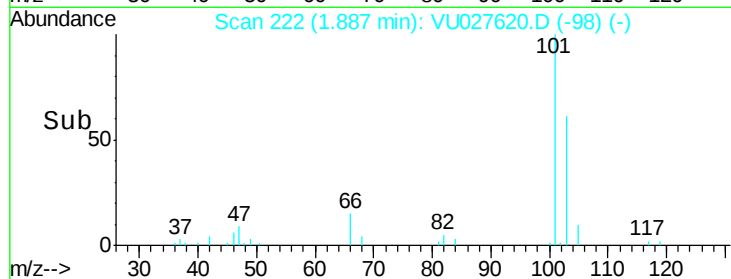
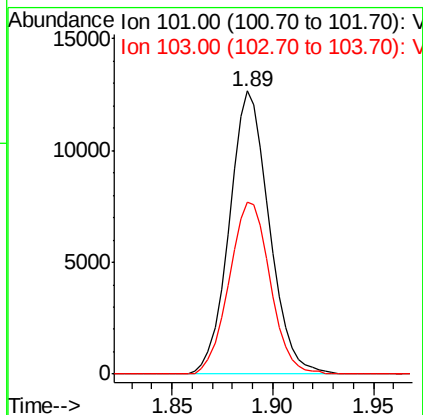
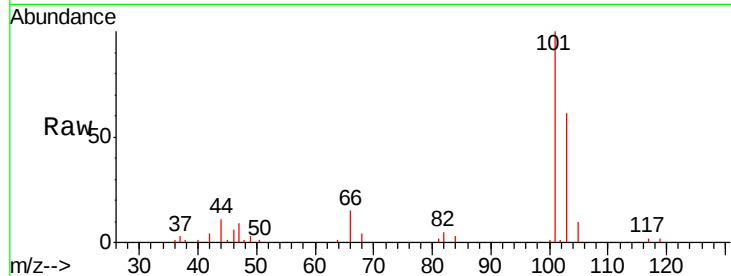


#9

Trichlorofluoromethane
 Concen: 10.06 ug/L
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027620.D
 Acq: 12 Oct 2018 13:53

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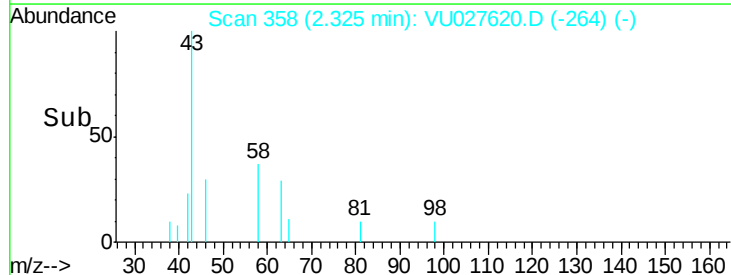
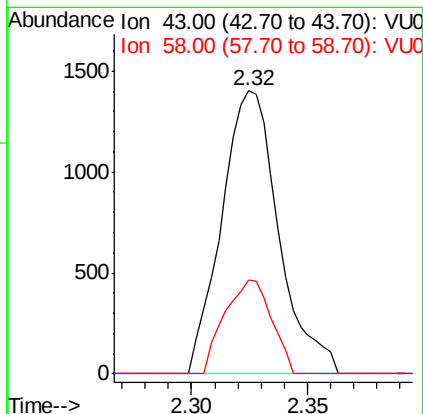
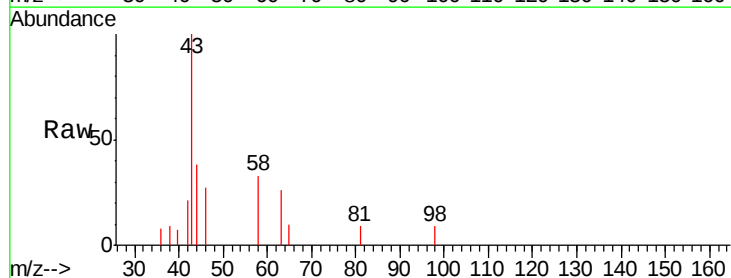
Tgt Ion: 101 Resp: 17542
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.1 76.7

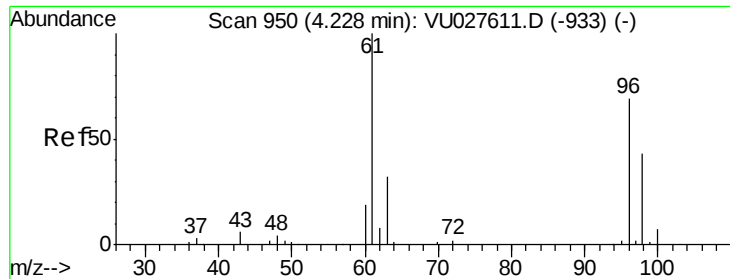


#13

Acetone
 Concen: 2.95 ug/L
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027620.D
 Acq: 12 Oct 2018 13:53

Tgt Ion: 43 Resp: 2400
 Ion Ratio Lower Upper
 43 100
 58 27.2 0.0 60.8

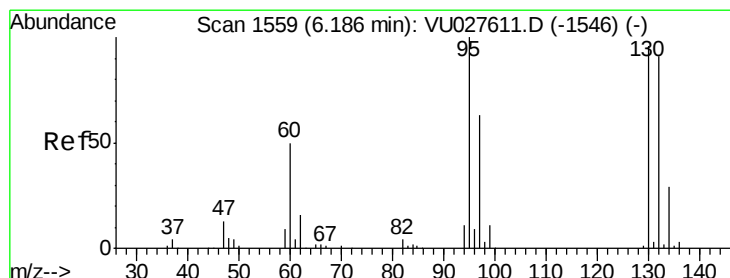
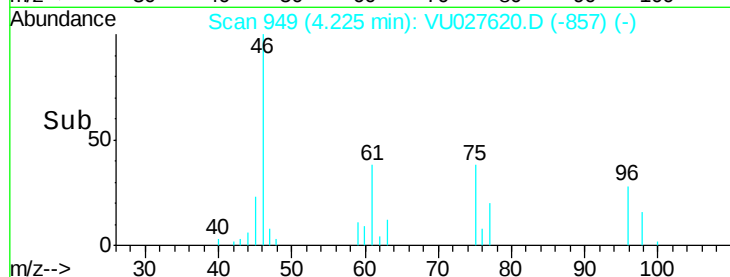
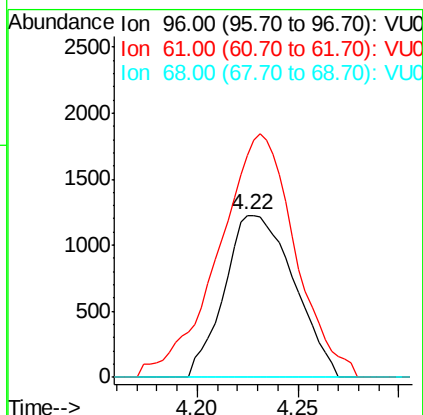
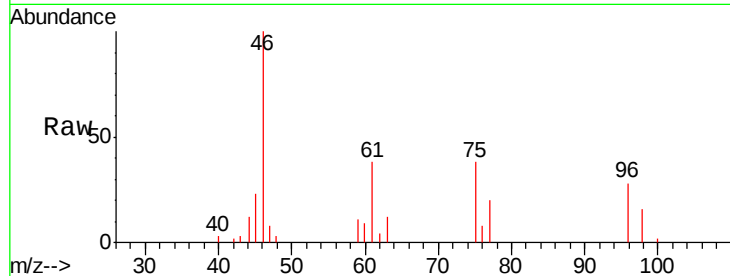




#20
 cis-1,2-Dichloroethene
 Concen: 2.37 ug/L
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU027620.D
 Acq: 12 Oct 2018 13:53

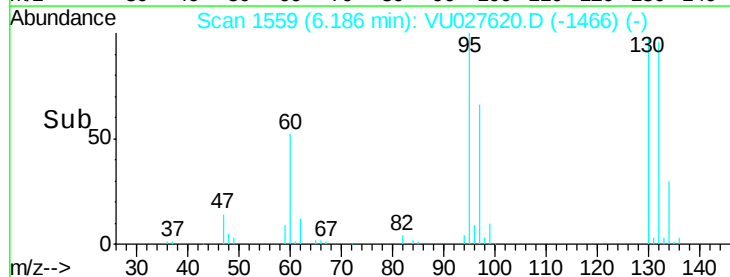
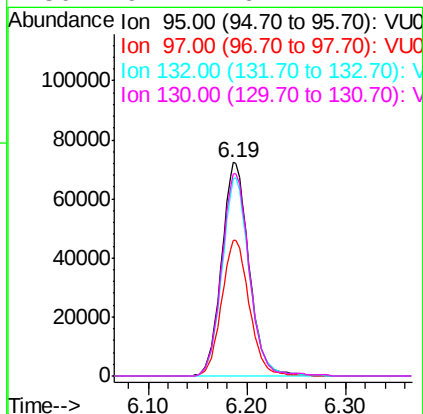
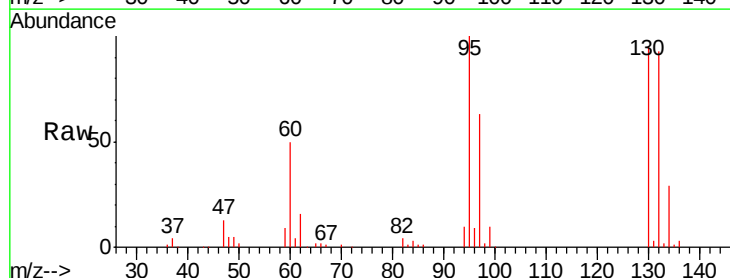
Instrument :
 MSVOA_U
 ClientSampleId :
 C0T19

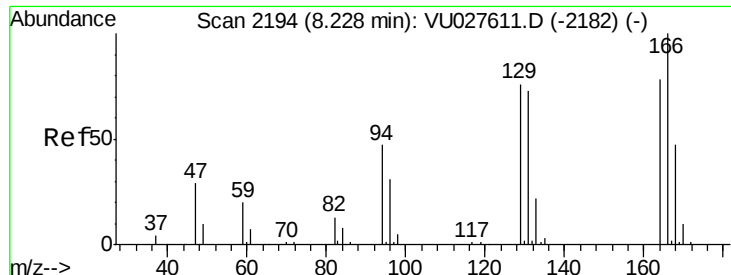
Tgt Ion: 96 Resp: 2944
 Ion Ratio Lower Upper
 96 100
 61 137.3 102.0 189.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 124.67 ug/L
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU027620.D
 Acq: 12 Oct 2018 13:53

Tgt Ion: 95 Resp: 141008
 Ion Ratio Lower Upper
 95 100
 97 63.3 44.9 83.3
 132 92.5 64.8 120.4
 130 94.7 67.1 124.7





#46

Tetrachloroethene

Concen: 43.53 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027620.D

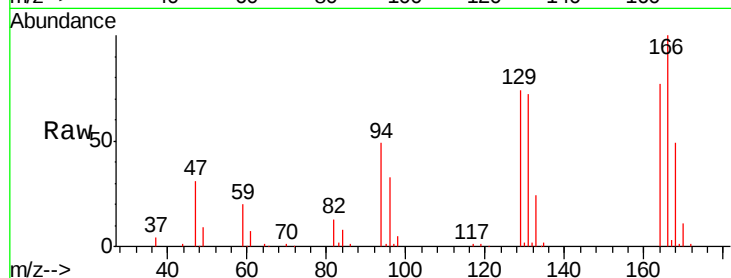
Acq: 12 Oct 2018 13:53

Instrument :

MSVOA_U

ClientSampleId :

C0T19



Tgt Ion:164 Resp: 36591

Ion Ratio Lower Upper

164 100

129 96.2 67.0 124.4

131 93.0 65.1 120.9

166 129.1 90.4 167.8

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

