

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031424\
 Data File : VW034610.D
 Acq On : 14 Mar 2024 17:50
 Operator : SY/MD
 Sample : P1752-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

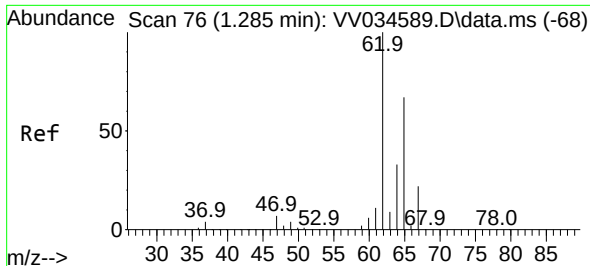
Instrument :
 MSVOA_V
 ClientSampleId :
 YCL02

Quant Time: Mar 15 03:38:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 03:33:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	285074	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	267561	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	128336	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	117227	47.435	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.880%	
7) Chloroethane-d5	1.532	69	97471	50.626	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.260%	
11) 1,1-Dichloroethene-d2	2.060	65	54502	48.765	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	97.540%	
21) 2-Butanone-d5	3.796	46	179318	108.503	ug/L	0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	108.500%	
24) Chloroform-d	4.246	84	217554	49.789	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.580%	
26) 1,2-Dichloroethane-d4	4.940	65	147252	51.570	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.140%	
32) Benzene-d6	4.960	84	422557	52.329	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.660%	
36) 1,2-Dichloropropane-d6	5.989	67	129347	52.487	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	104.980%	
41) Toluene-d8	7.243	98	366026	50.089	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.180%	
43) trans-1,3-Dichloroprop...	7.551	79	59194	47.833	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.660%	
47) 2-Hexanone-d5	8.024	63	124347	101.047	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.050%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	176713	54.490	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	108.980%	
66) 1,2-Dichlorobenzene-d4	11.561	152	139014	52.994	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	105.980%	
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	4473	1.568	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	10026	4.355	ug/L #	79
12) 1,1-Dichloroethene	2.069	96	475049m	222.544	ug/L	
13) Acetone	2.127	43	397256	199.952	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	15807	2.130	ug/L	96
19) 1,1-Dichloroethane	3.111	63	149687	36.984	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	3366	1.502	ug/L	91
27) 1,2-Dichloroethane	5.047	62	31810	9.333	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	112656	29.362	ug/L	98

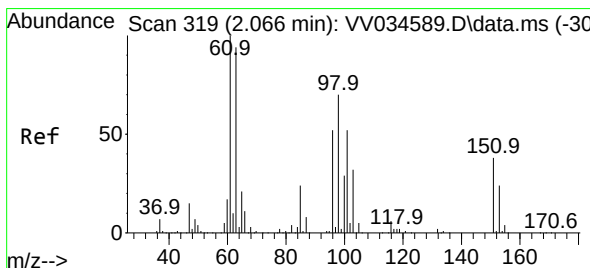
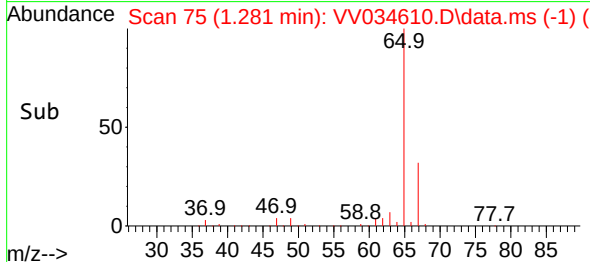
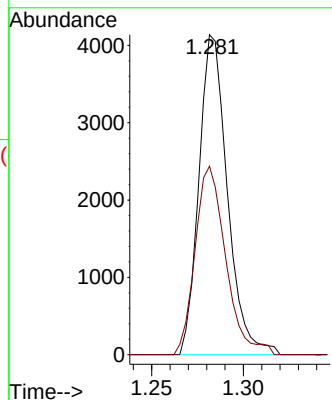
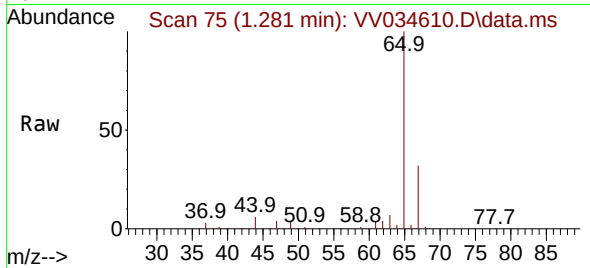
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 1.568 ug/L
 RT: 1.281 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV034610.D
 Acq: 14 Mar 2024 17:50

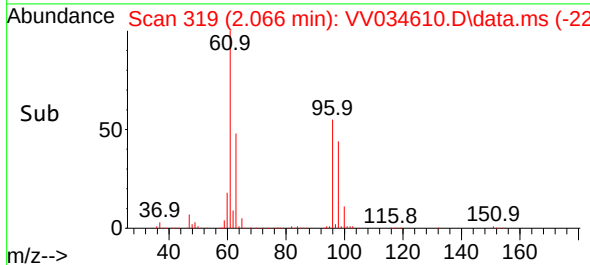
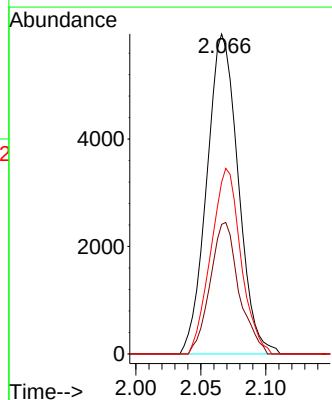
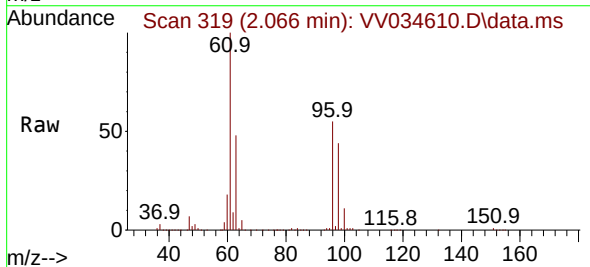
Instrument :
 MSVOA_V
 ClientSampleId :
 YCL02

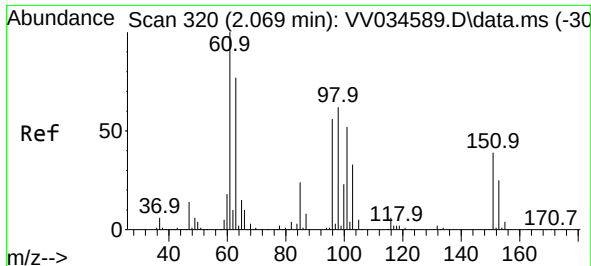
Tgt Ion: 62 Resp: 4473
 Ion Ratio Lower Upper
 62 100
 64 58.9 23.4 43.6#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.355 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV034610.D
 Acq: 14 Mar 2024 17:50

Tgt Ion: 101 Resp: 10026
 Ion Ratio Lower Upper
 101 100
 85 37.6 37.4 56.0
 151 55.2 61.4 92.2#





#12

1,1-Dichloroethene

Concen: 222.544 ug/L m

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034610.D

Acq: 14 Mar 2024 17:50

Instrument :

MSVOA_V

ClientSampleId :

YCL02

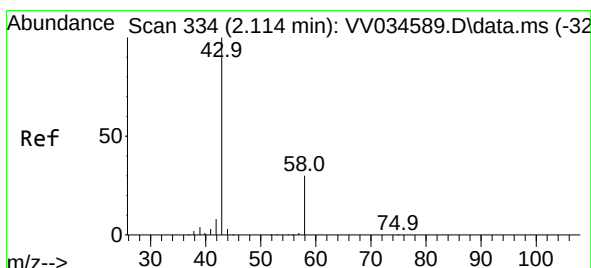
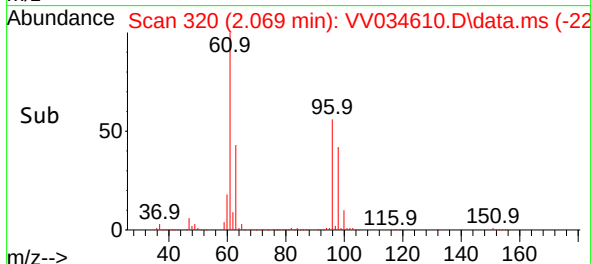
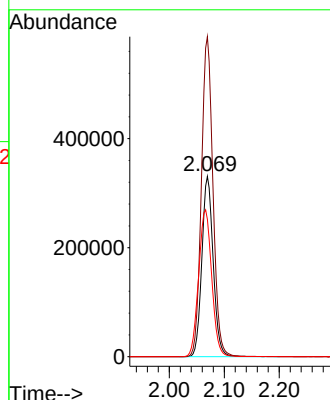
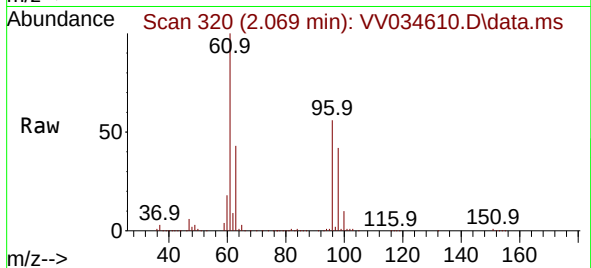
Tgt Ion: 96 Resp: 475049

Ion Ratio Lower Upper

96 100

61 177.4 128.9 239.3

63 76.2 98.0 182.0#



#13

Acetone

Concen: 199.952 ug/L

RT: 2.127 min Scan# 338

Delta R.T. 0.013 min

Lab File: VV034610.D

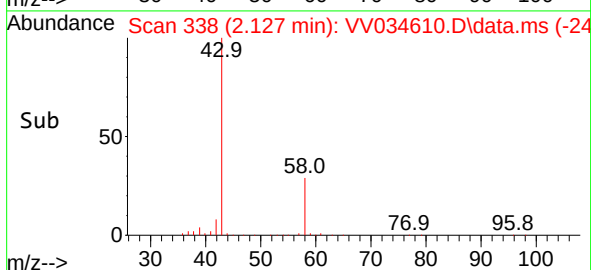
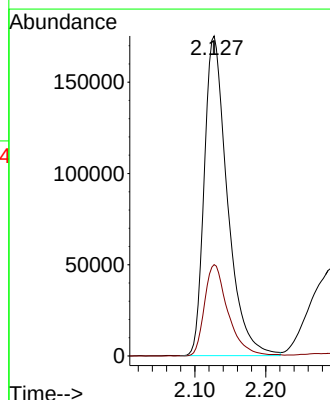
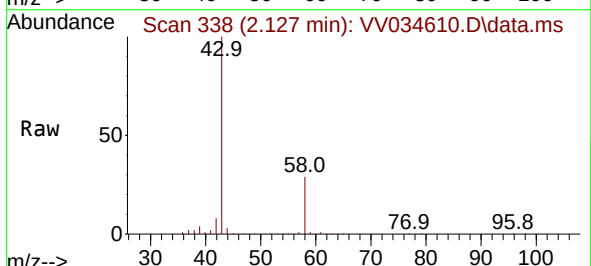
Acq: 14 Mar 2024 17:50

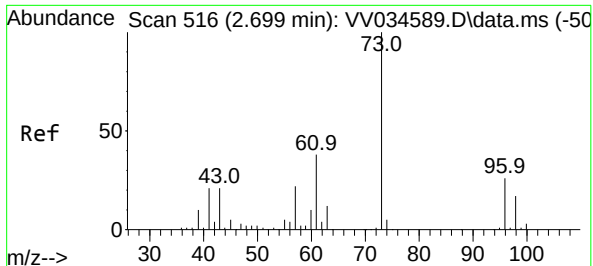
Tgt Ion: 43 Resp: 397256

Ion Ratio Lower Upper

43 100

58 29.0 0.0 57.2

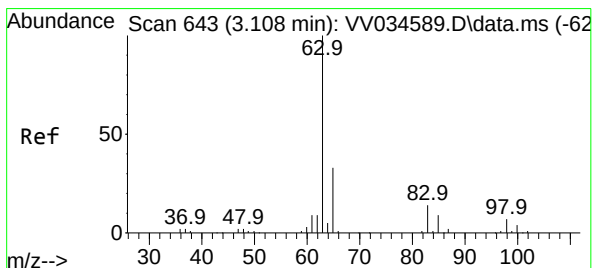
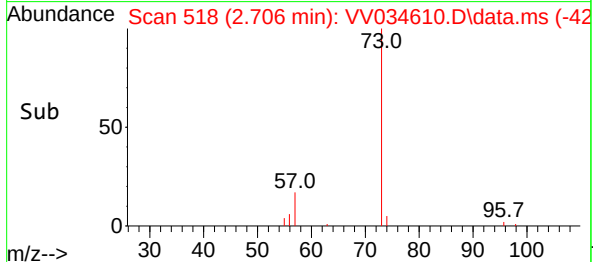
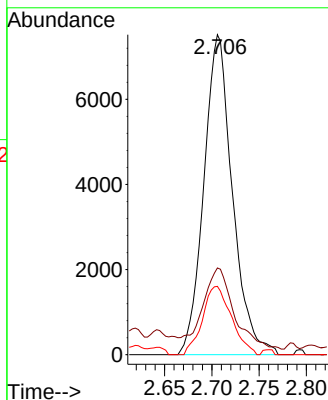
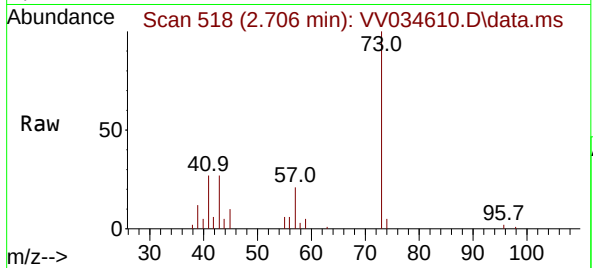




#18
Methyl tert-butyl Ether
Concen: 2.130 ug/L
RT: 2.706 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV034610.D
Acq: 14 Mar 2024 17:50

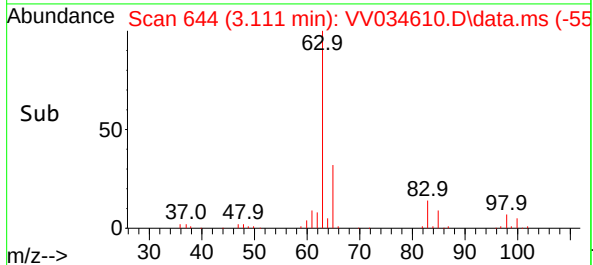
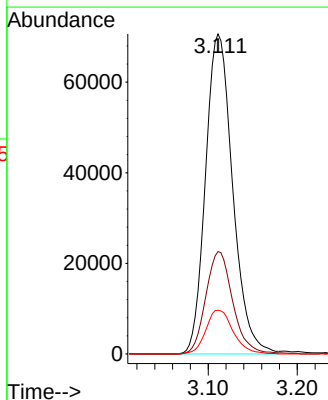
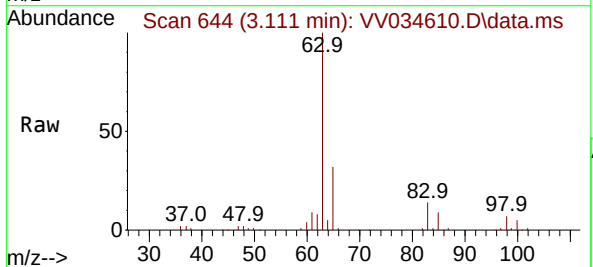
Instrument :
MSVOA_V
ClientSampleId :
YCL02

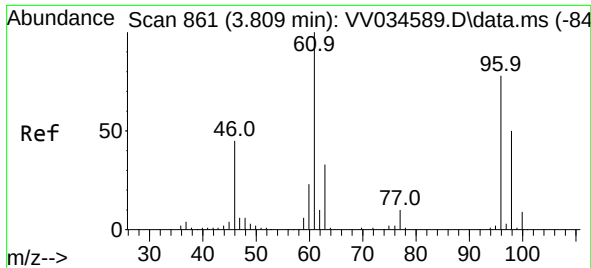
Tgt Ion: 73	Resp: 15807
Ion Ratio	Lower Upper
73 100	
43 24.7	17.1 25.7
57 21.6	17.6 26.4



#19
1,1-Dichloroethane
Concen: 36.984 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV034610.D
Acq: 14 Mar 2024 17:50

Tgt Ion: 63	Resp: 149687		
Ion Ratio	Lower	Upper	
63	100		
65	32.0	22.1	41.1
83	13.6	9.9	18.3

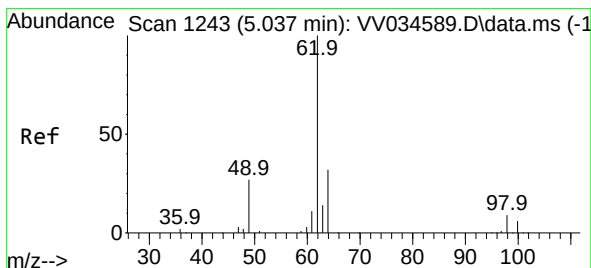
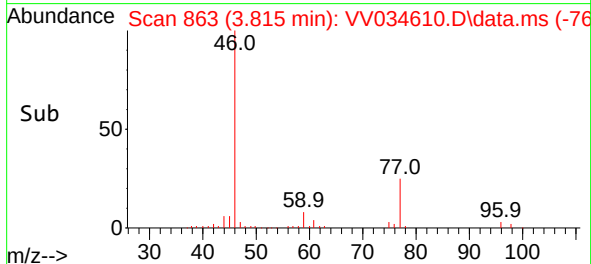
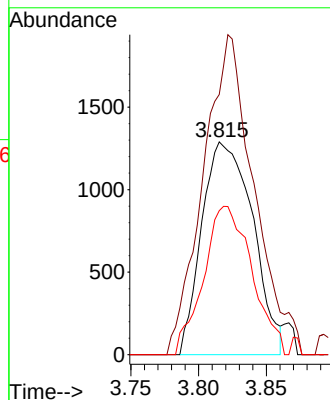
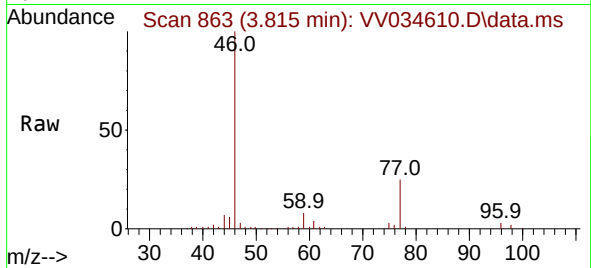




#20
cis-1,2-Dichloroethene
Concen: 1.502 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.006 min
Lab File: VV034610.D
Acq: 14 Mar 2024 17:50

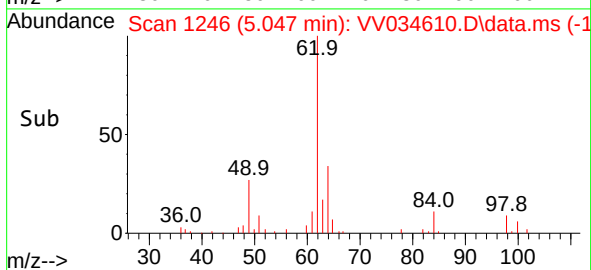
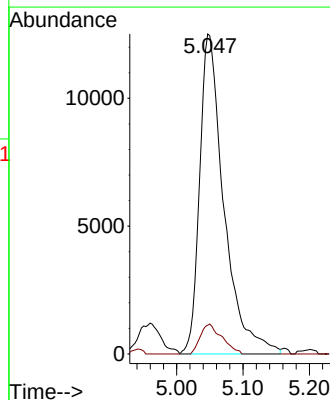
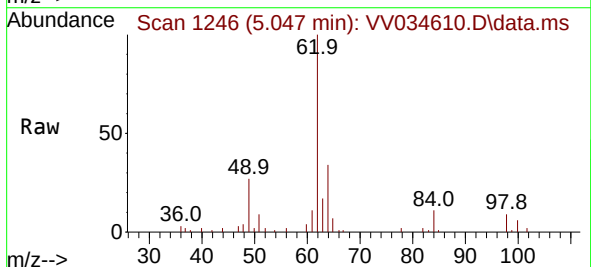
Instrument :
MSVOA_V
ClientSampleId :
YCL02

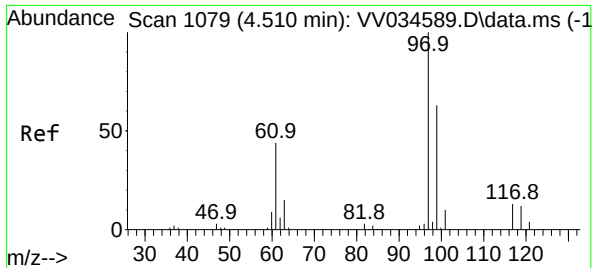
Tgt Ion: 96 Resp: 3366
Ion Ratio Lower Upper
96 100
61 122.2 96.0 178.4
98 67.7 46.0 85.4



#27
1,2-Dichloroethane
Concen: 9.333 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VV034610.D
Acq: 14 Mar 2024 17:50

Tgt Ion: 62 Resp: 31810
Ion Ratio Lower Upper
62 100
98 9.0 6.6 10.0





#30
 1,1,1-Trichloroethane
 Concen: 29.362 ug/L
 RT: 4.510 min Scan# 1079
 Delta R.T. 0.000 min
 Lab File: VV034610.D
 Acq: 14 Mar 2024 17:50

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL02

Tgt Ion: 97	Resp: 112656
Ion Ratio	Lower Upper
97 100	
99 65.8	51.3 76.9
61 46.1	36.0 54.0

