

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015184.D
 Acq On : 26 Mar 2020 23:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 03:40:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	625266	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	599695	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	262001	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	154491	46.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.10%
7) Chloroethane-d5	1.58	69	160532	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.94%
11) 1,1-Dichloroethene-d2	2.12	63	234083	30.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.20%
21) 2-Butanone-d5	3.94	46	341463	102.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.23%
24) Chloroform-d	4.38	84	339352	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
26) 1,2-Dichloroethane-d4	5.06	65	241586	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
32) Benzene-d6	5.08	84	611531	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
36) 1,2-Dichloropropane-d6	6.09	67	220392	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.06%
41) Toluene-d8	7.34	98	536550	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.64	79	115388	47.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.22%
47) 2-Hexanone-d5	8.12	63	269197	103.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	366534	48.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	241366	49.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.68%

Target Compounds

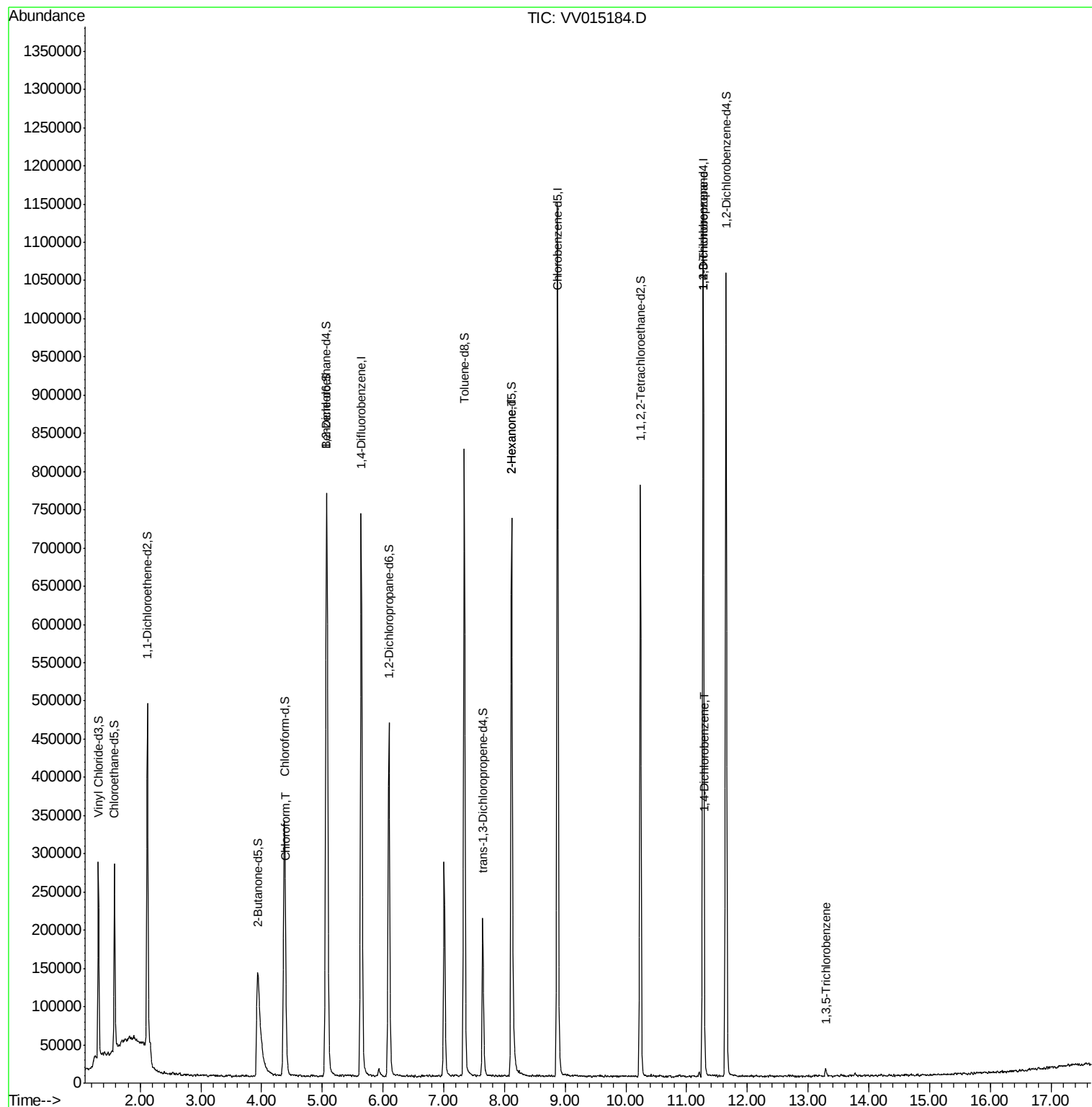
					Ovalue
25) Chloroform	4.40	83	7587	0.910 ug/L	81
48) 2-Hexanone	8.12	43	32982	6.067 ug/L #	80
59) 1,2,3-Trichloropropane	11.27	75	39245	6.472 ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	7075	0.797 ug/L	90
67) 1,3,5-Trichlorobenzene	13.29	180	2464	0.438 ug/L	94

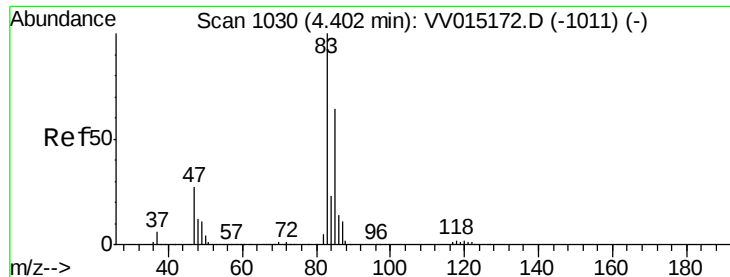
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.910 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015184.D

Acq: 26 Mar 2020 23:01

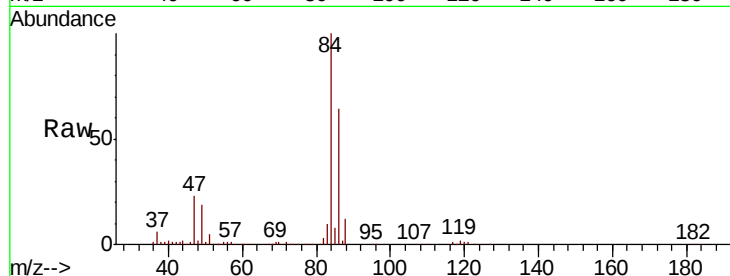
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 7587

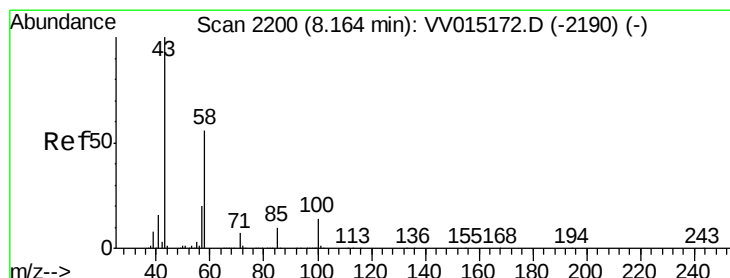
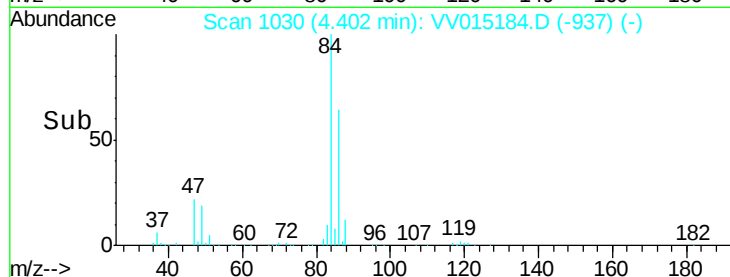
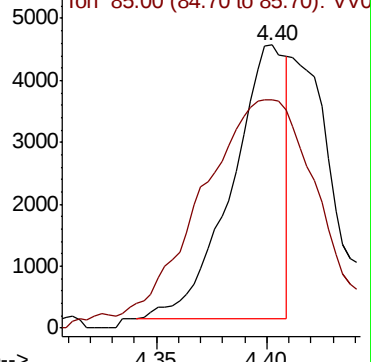
Ion Ratio Lower Upper

83 100

85 80.7 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VV015184.D (-937) (-)



#48

2-Hexanone

Concen: 6.067 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015184.D

Acq: 26 Mar 2020 23:01

Tgt Ion: 43 Resp: 32982

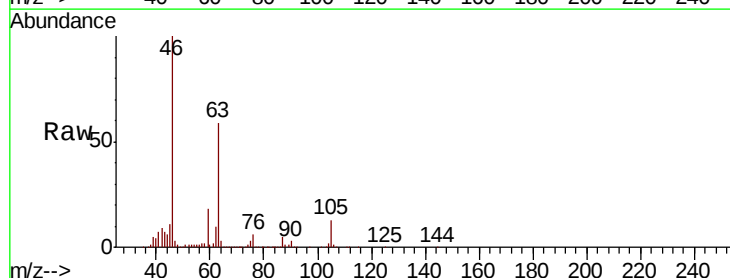
Ion Ratio Lower Upper

43 100

58 40.3 44.3 66.5#

57 22.5 15.4 23.0

100 0.0 10.4 15.6#

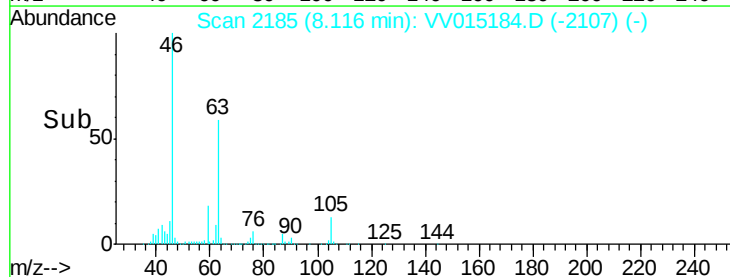
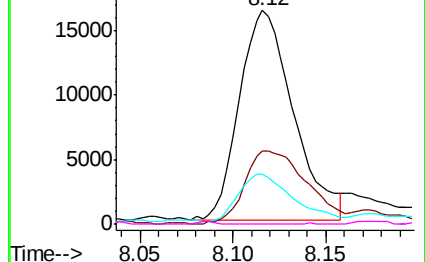


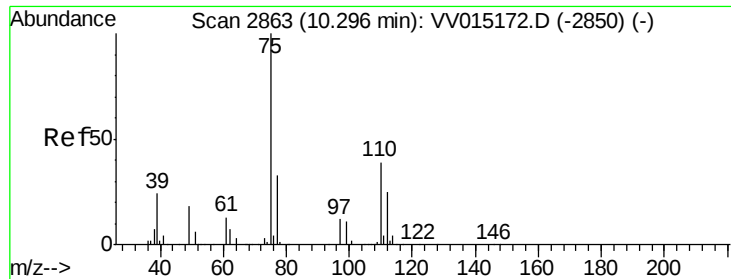
Abundance Ion 43.00 (42.70 to 43.70): VV015184.D (-2107) (-)

Ion 58.00 (57.70 to 58.70): VV015184.D (-2107) (-)

Ion 57.00 (56.70 to 57.70): VV015184.D (-2107) (-)

Ion 100.00 (99.70 to 100.70): VV015184.D (-2107) (-)





#59

1,2,3-Trichloropropane

Concen: 6.472 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV015184.D

Acq: 26 Mar 2020 23:01

Instrument :

MSVOA_V

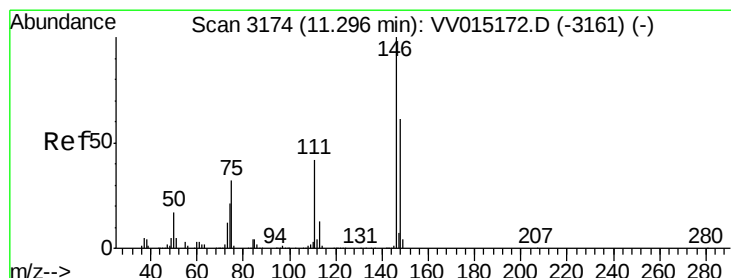
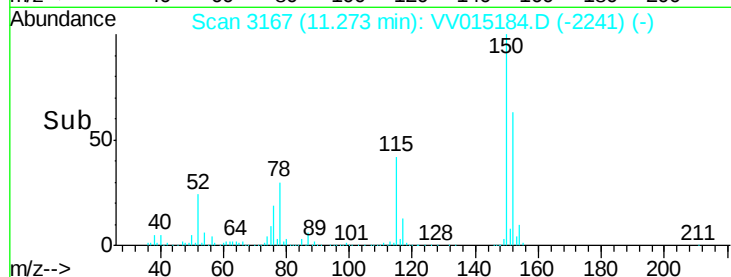
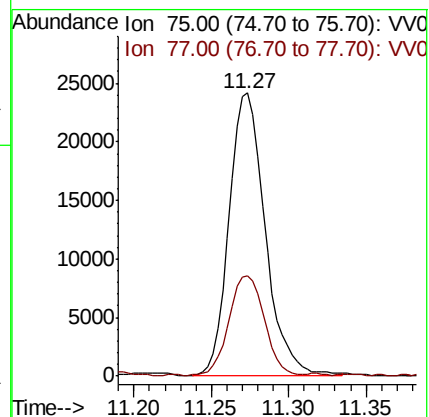
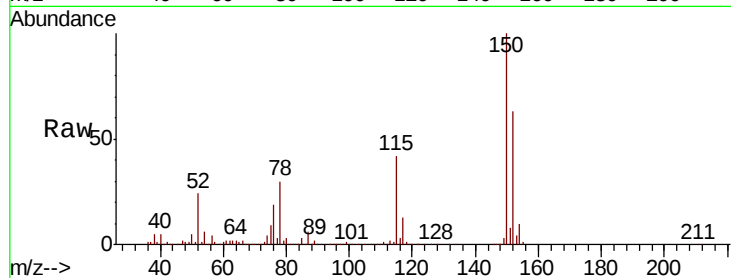
ClientSampled :

Tot Ion: 75 Resp: 39245

Ion Ratio Lower Upper

75 100

77 34.9 25.5 38.3



#63

1,4-Dichlorobenzene

Concen: 0.797 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.00 min

Lab File: VV015184.D

Acq: 26 Mar 2020 23:01

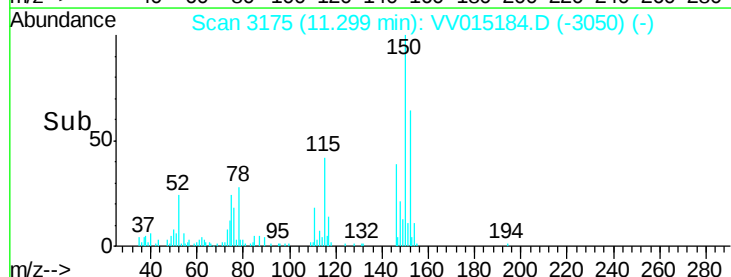
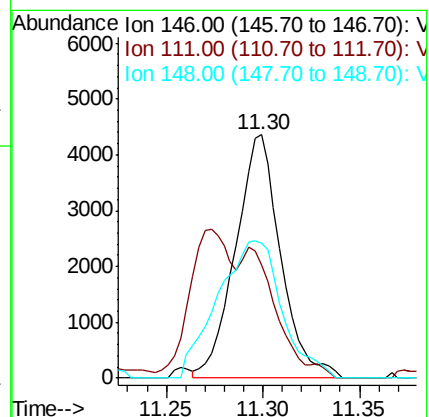
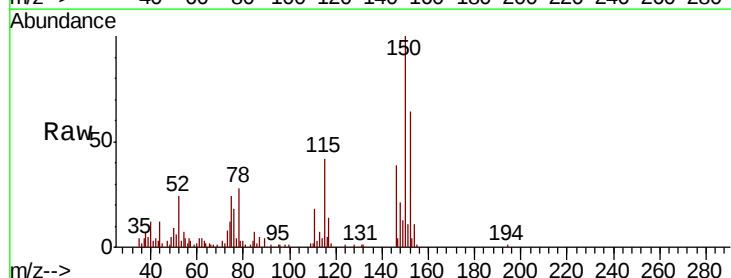
Tgt Ion: 146 Resp: 7075

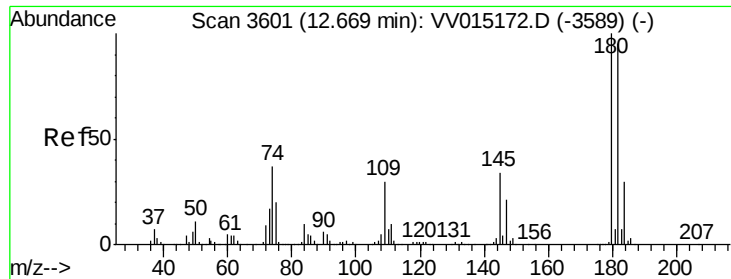
Ion Ratio Lower Upper

146 100

111 46.3 29.2 54.2

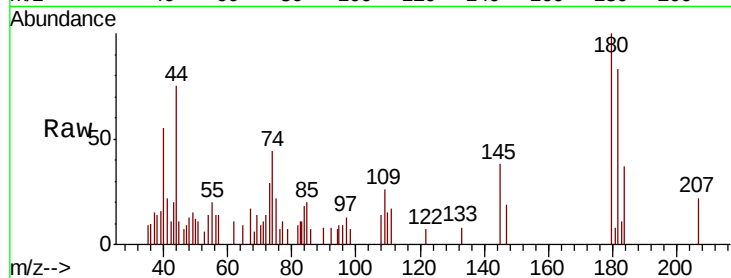
148 55.1 44.8 83.2





#67
 1,3,5-Trichlorobenzene
 Concen: 0.438 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.62 min
 Lab File: VV015184.D
 Acq: 26 Mar 2020 23:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tot Ion:	180	Resp:	2464
Ion	Ratio	Lower	Upper
180	100		
182	101.9	76.6	114.8
184	32.4	24.2	36.4
145	38.4	27.6	41.4

