

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015191.D
 Acq On : 27 Mar 2020 01:51
 Operator : SY/MD
 Sample : L1976-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTL4

Quant Time: Mar 27 06:40:27 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	563488	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	533663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	215229	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141336	46.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.50%
7) Chloroethane-d5	1.58	69	145844	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.70%
11) 1,1-Dichloroethene-d2	2.12	63	222630	32.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.58%
21) 2-Butanone-d5	3.93	46	260105	86.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.41%
24) Chloroform-d	4.38	84	304073	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
26) 1,2-Dichloroethane-d4	5.06	65	208810	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
32) Benzene-d6	5.08	84	577257	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.18%
36) 1,2-Dichloropropane-d6	6.10	67	194841	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.42%
41) Toluene-d8	7.34	98	517555	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%
43) trans-1,3-Dichloropropene-	7.64	79	68849	31.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.86%
47) 2-Hexanone-d5	8.12	63	194012	83.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	296571	44.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	185602	46.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.38%

Target Compounds

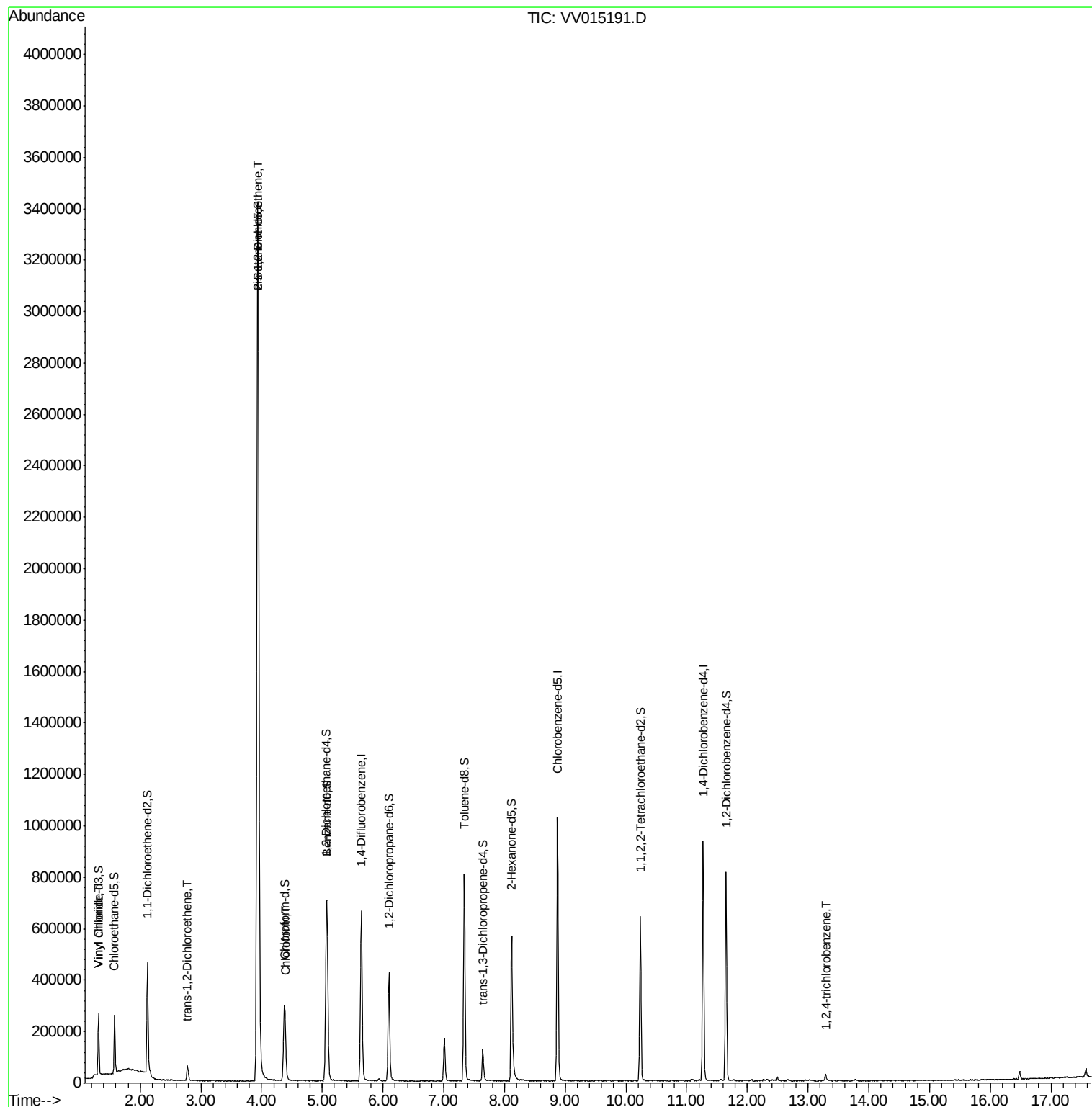
					Ovalue
5) Vinyl chloride	1.32	62	7988	1.444 ug/L #	53
17) trans-1,2-Dichloroethene	2.78	96	22556	5.711 ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	1840318	418.291 ug/L #	98
25) Chloroform	4.40	83	9535	1.269 ug/L	90
68) 1,2,4-trichlorobenzene	13.29	180	5962	1.354 ug/L	98

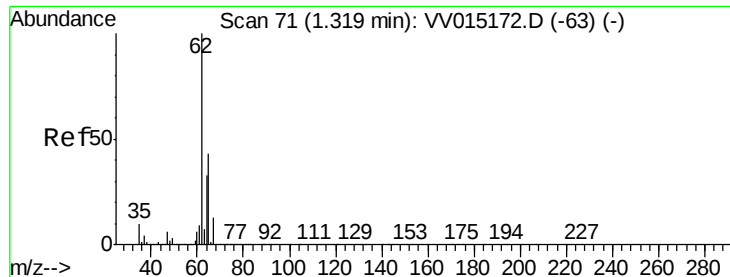
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.444 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015191.D

Acq: 27 Mar 2020 01:51

Instrument :

MSVOA_V

ClientSampleId :

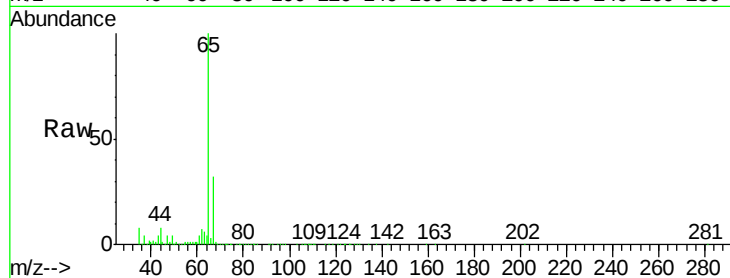
ETTL4

Tot Ion: 62 Resp: 7988

Ion Ratio Lower Upper

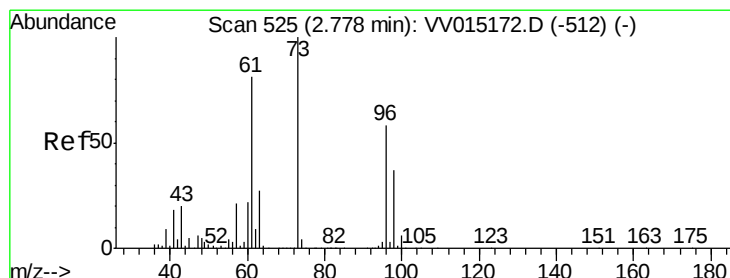
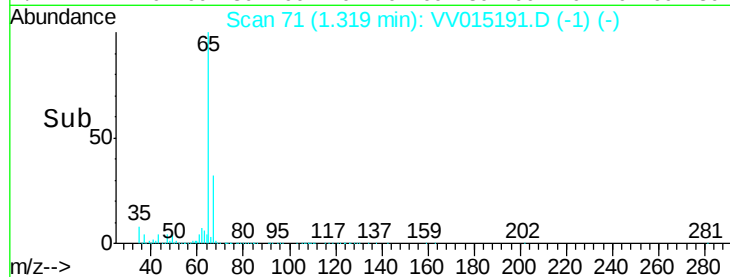
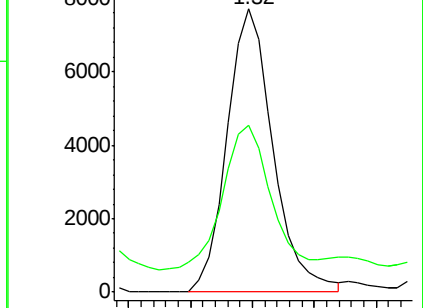
62 100

64 58.8 22.8 42.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 5.711 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV015191.D

Acq: 27 Mar 2020 01:51

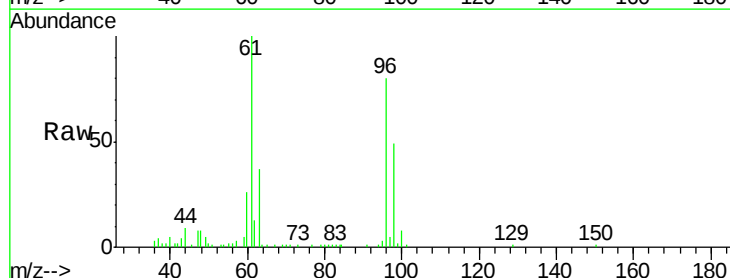
Tgt Ion: 96 Resp: 22556

Ion Ratio Lower Upper

96 100

61 125.4 96.4 179.0

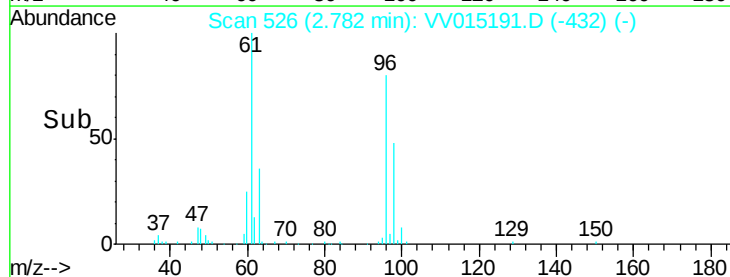
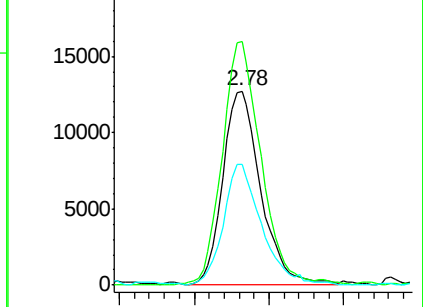
98 61.9 43.8 81.4

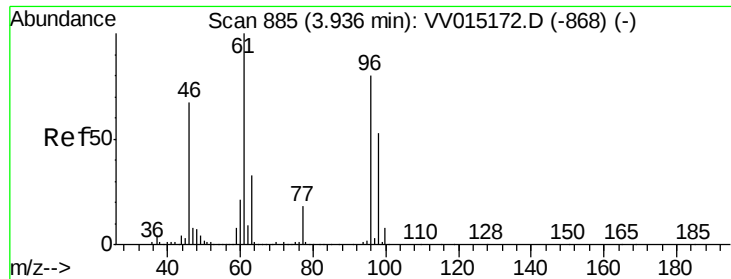


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

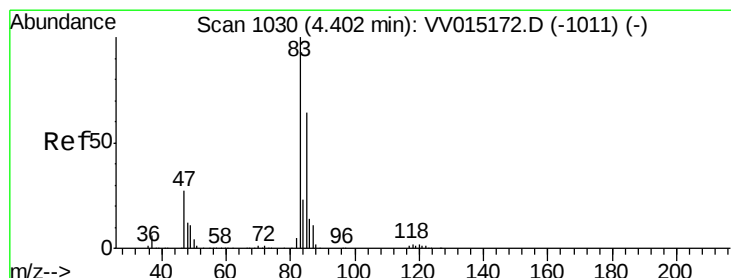
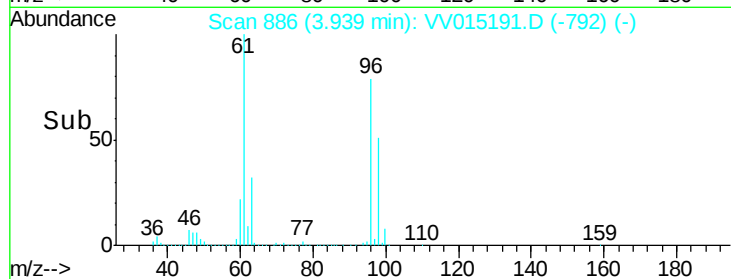
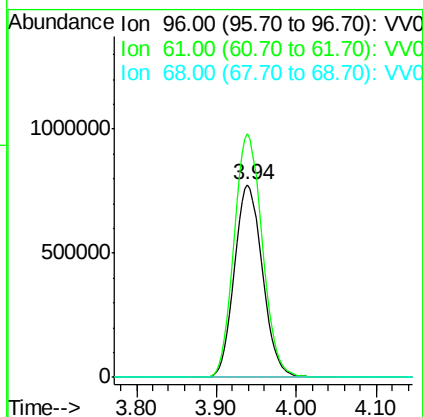
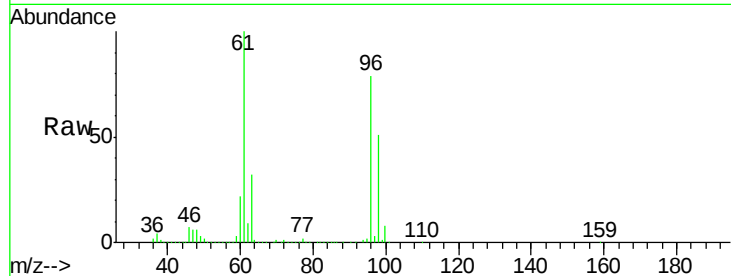




#20
 cis-1,2-Dichloroethene
 Concen: 418.291 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV015191.D
 Acq: 27 Mar 2020 01:51

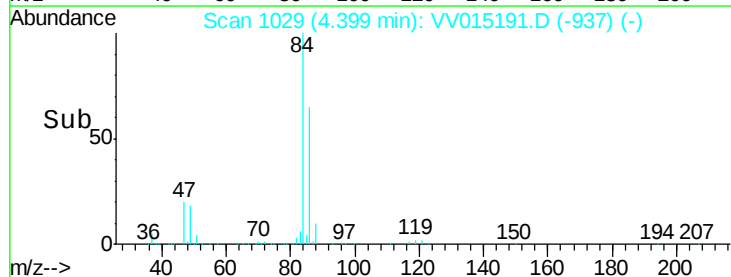
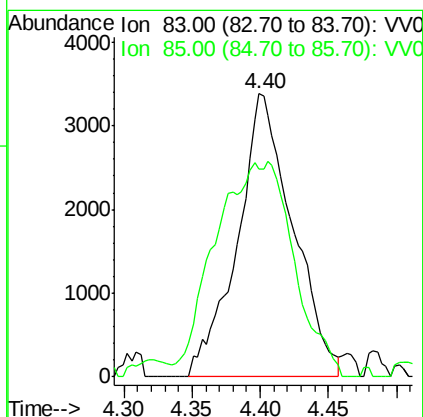
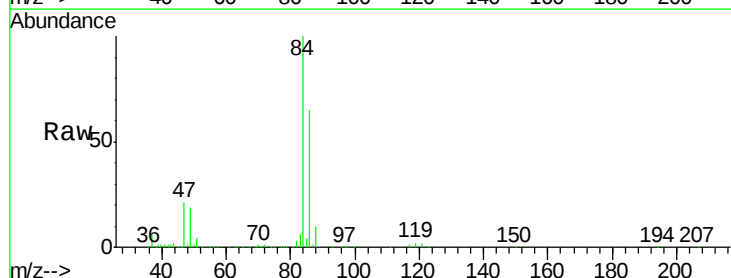
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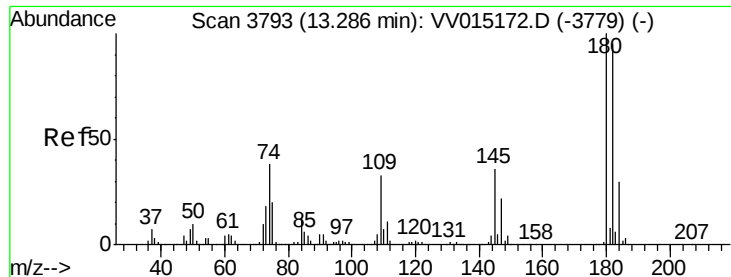
Tot Ion: 96 Resp: 1840318
 Ion Ratio Lower Upper
 96 100
 61 126.4 90.2 167.4
 68 0.0 0.1 0.3#



#25
 Chloroform
 Concen: 1.269 ug/L
 RT: 4.40 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VV015191.D
 Acq: 27 Mar 2020 01:51

Tgt Ion: 83 Resp: 9535
 Ion Ratio Lower Upper
 83 100
 85 73.7 46.2 85.8

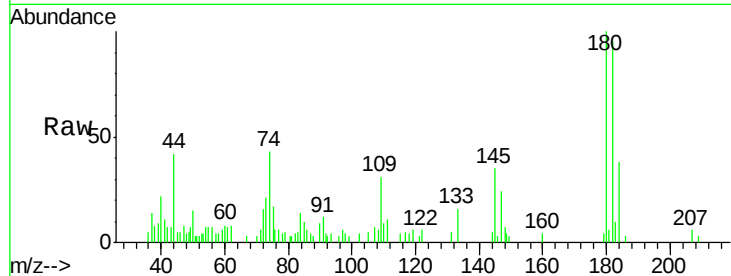




#68
 1,2,4-trichlorobenzene
 Concen: 1.354 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV015191.D
 Acq: 27 Mar 2020 01:51

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTL4

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.2	112.8
145	34.1	27.5	41.3



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

