

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017928.D
 Acq On : 12 Aug 2020 15:13
 Operator : SY/MD
 Sample : L3644-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L64

Quant Time: Aug 13 05:13:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	252206	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	242368	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	106511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	89438	46.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.96%
7) Chloroethane-d5	1.58	69	75636	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.08%
11) 1,1-Dichloroethene-d2	2.12	63	128874	35.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.02%
21) 2-Butanone-d5	3.91	46	127887	101.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.47%
24) Chloroform-d	4.38	84	164963	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
26) 1,2-Dichloroethane-d4	5.06	65	114768	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
32) Benzene-d6	5.07	84	332510	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
36) 1,2-Dichloropropane-d6	6.09	67	108253	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.14%
41) Toluene-d8	7.34	98	290126	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.64	79	46424	46.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.74%
47) 2-Hexanone-d5	8.11	63	65842	93.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136473	47.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	111219	53.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.12%

Target Compounds

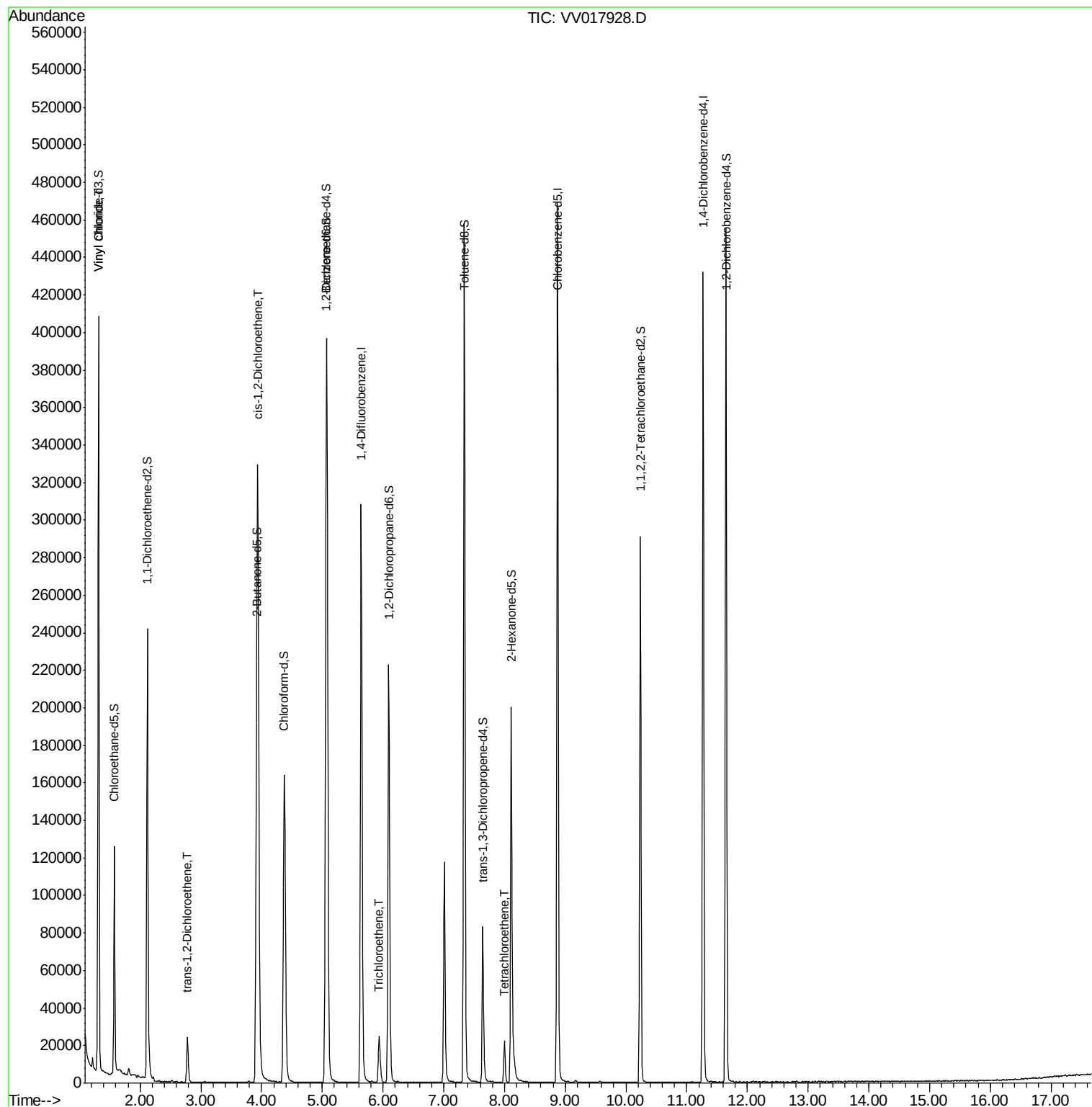
					Ovalue
5) Vinyl chloride	1.32	62	168218	75.064	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	9085	5.224	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	164359	86.004	ug/L 99
34) Trichloroethene	5.94	95	6390	3.224	ug/L 92
46) Tetrachloroethene	8.00	164	5011	3.447	ug/L 94

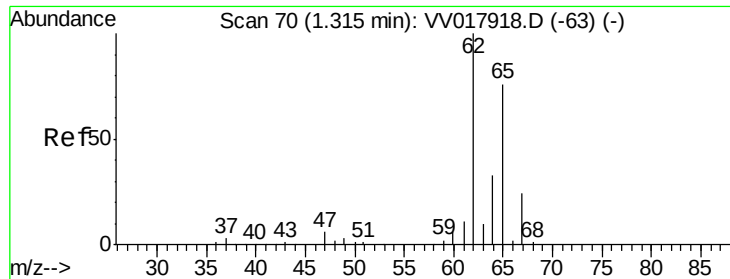
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 75.064 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017928.D

Acq: 12 Aug 2020 15:13

Instrument :

MSVOA_V

ClientSampled :

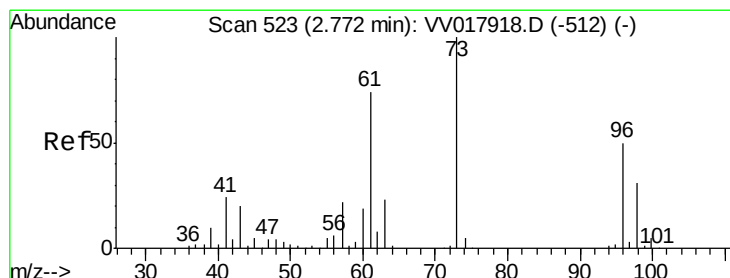
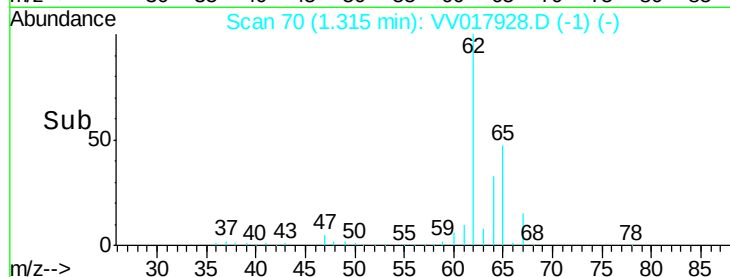
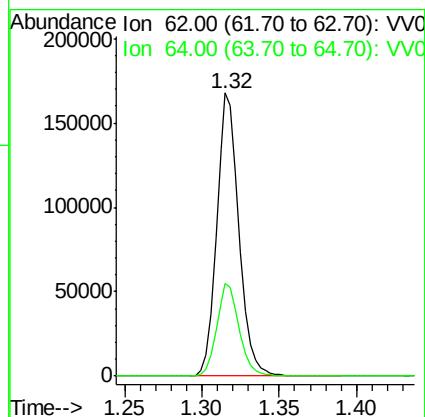
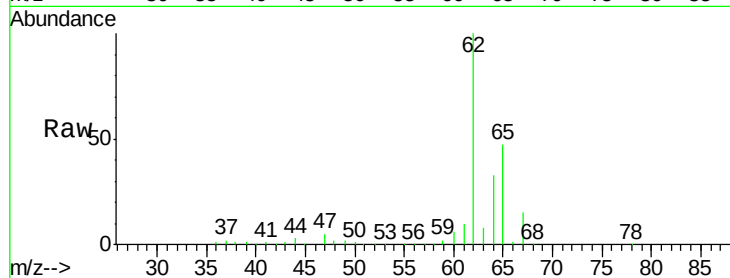
F2L64

Tot Ion: 62 Resp: 168218

Ion Ratio Lower Upper

62 100

64 32.7 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 5.224 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.01 min

Lab File: VV017928.D

Acq: 12 Aug 2020 15:13

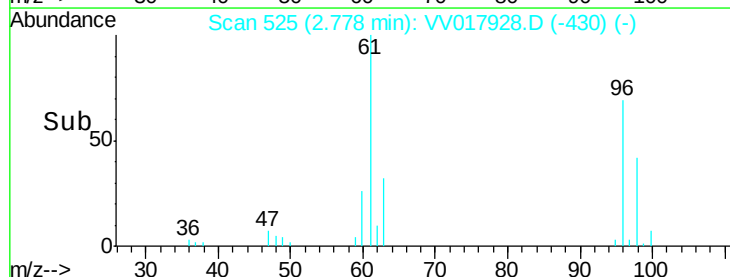
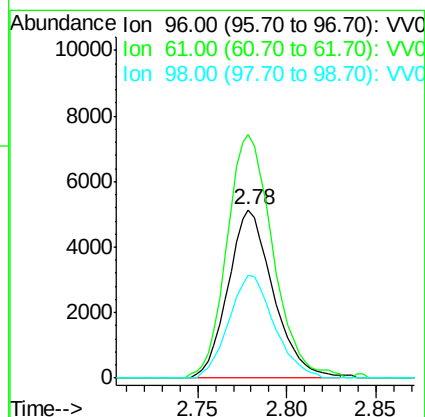
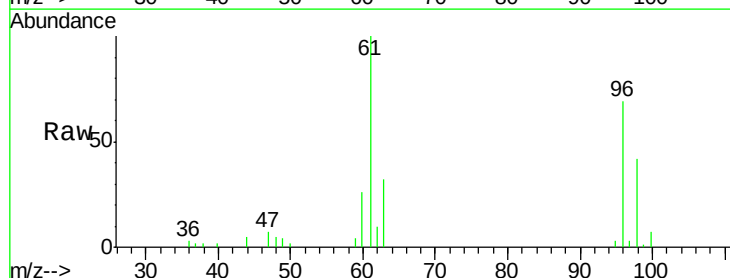
Tgt Ion: 96 Resp: 9085

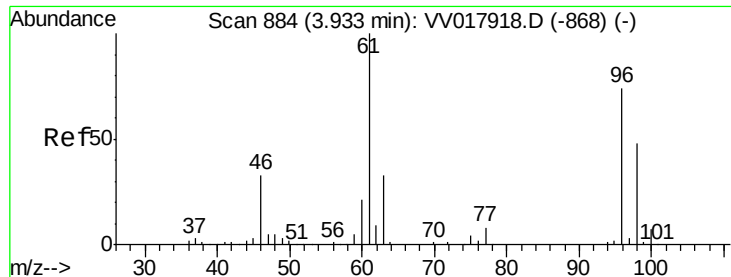
Ion Ratio Lower Upper

96 100

61 144.5 102.4 190.2

98 60.7 44.4 82.5

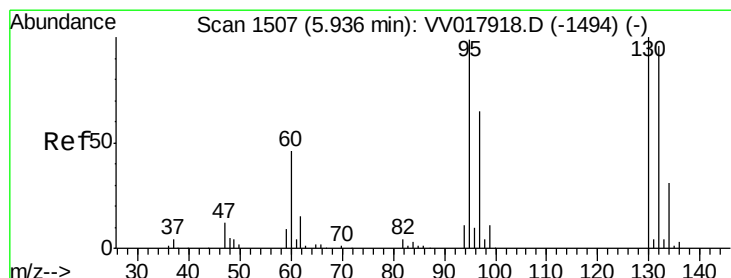
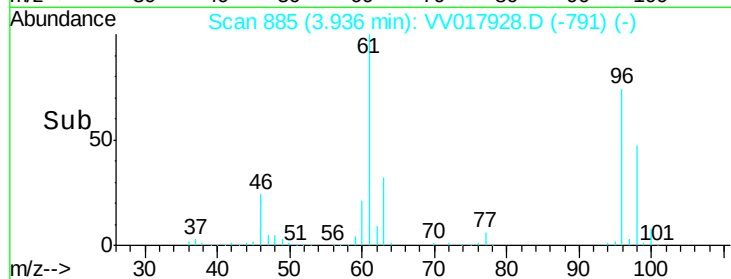
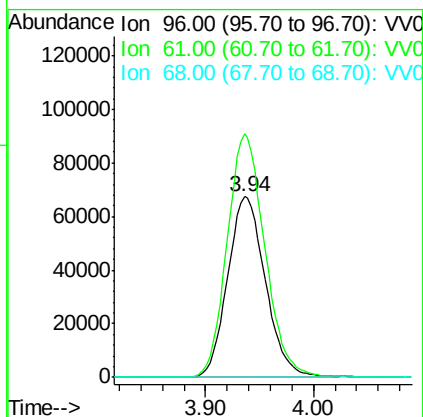
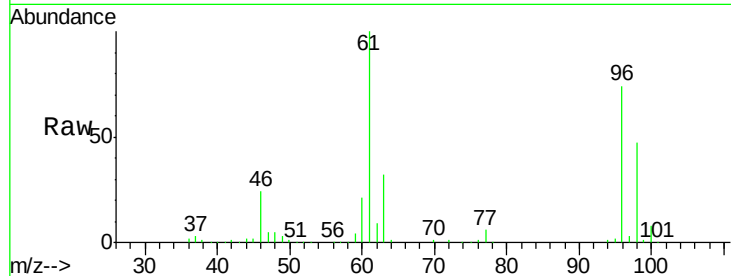




#20
 cis-1,2-Dichloroethene
 Concen: 86.004 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017928.D
 Acq: 12 Aug 2020 15:13

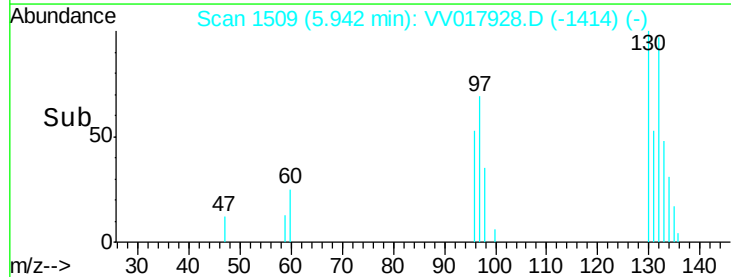
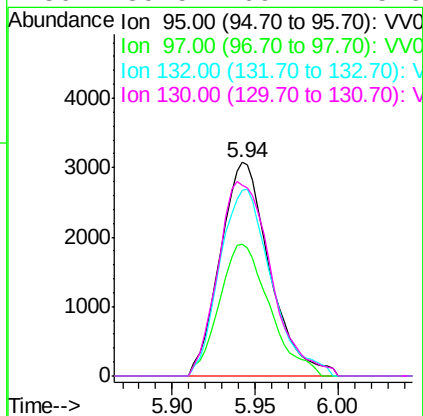
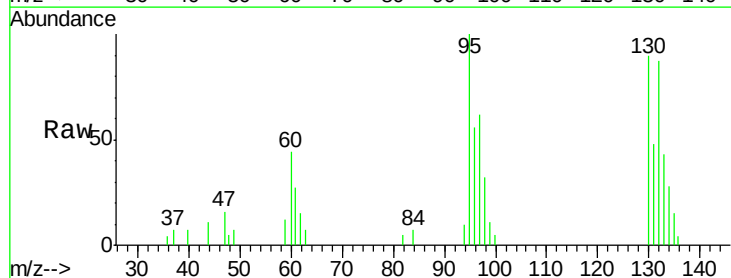
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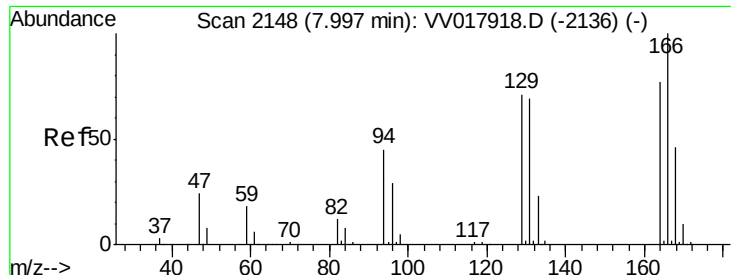
Tot Ion: 96 Resp: 164359
 Ion Ratio Lower Upper
 96 100
 61 134.9 95.0 176.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.224 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017928.D
 Acq: 12 Aug 2020 15:13

Tgt Ion: 95 Resp: 6390
 Ion Ratio Lower Upper
 95 100
 97 61.5 46.0 85.4
 132 86.8 65.8 122.2
 130 89.5 69.2 128.6





#46

Tetrachloroethene

Concen: 3.447 ug/L

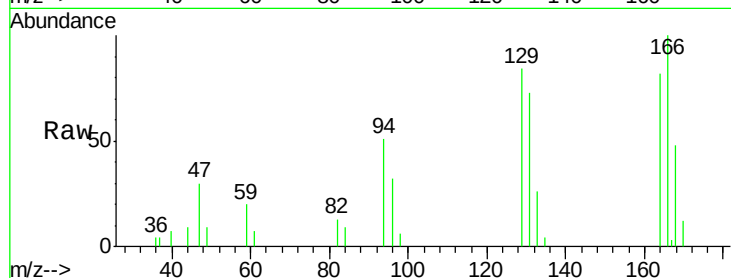
RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017928.D

Acq: 12 Aug 2020 15:13

Instrument :
MSVOA_V
ClientSampleId :
F2L64



Tot Ion:164 Resp: 5011

Ion Ratio Lower Upper

164 100

129 102.9 64.8 120.3

131 89.4 64.5 119.9

166 122.3 88.9 165.1

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

