

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018883.D
 Acq On : 13 Oct 2020 17:25
 Operator : SY/MD
 Sample : L4351-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH9

Quant Time: Oct 14 03:22:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 01:28:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	340097	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334146	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156201	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117655	38.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.14%
7) Chloroethane-d5	1.58	69	97010	39.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.12	63	189387	31.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.58%
21) 2-Butanone-d5	3.91	46	187770	98.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.96%
24) Chloroform-d	4.37	84	225569	41.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.74%
26) 1,2-Dichloroethane-d4	5.05	65	157492	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.22%
32) Benzene-d6	5.07	84	449053	41.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.52%
36) 1,2-Dichloropropane-d6	6.09	67	147551	42.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.16%
41) Toluene-d8	7.34	98	389168	40.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.54%
43) trans-1,3-Dichloropropene-	7.64	79	66761	38.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.90%
47) 2-Hexanone-d5	8.11	63	98310	80.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172110	42.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	158735	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%

Target Compounds

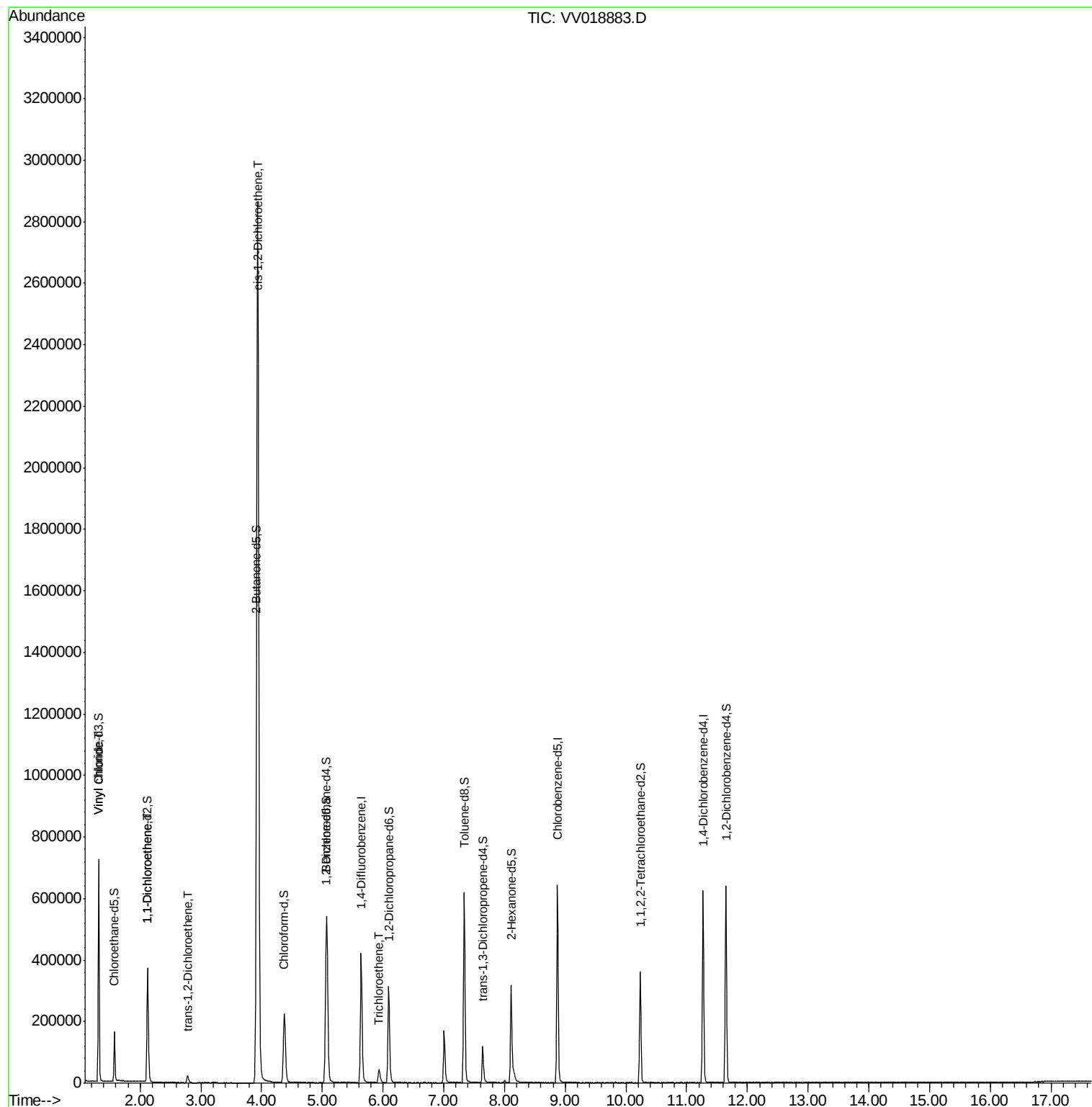
					Ovalue
5) Vinyl chloride	1.32	62	323954	107.881 ug/L	99
12) 1,1-Dichloroethene	2.13	96	24702	10.494 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	7071	2.846 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	1520770	579.162 ug/L	99
34) Trichloroethene	5.94	95	8593	2.816 ug/L	99

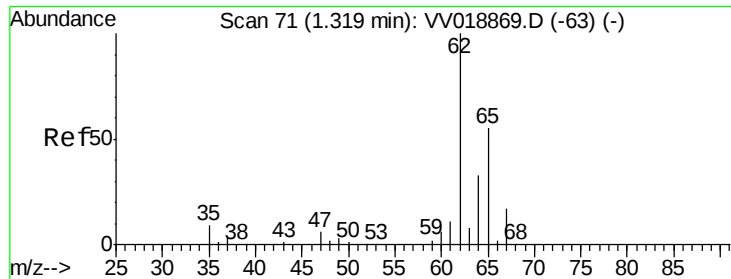
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 107.881 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018883.D

Acq: 13 Oct 2020 17:25

Instrument :

MSVOA_V

ClientSampleId :

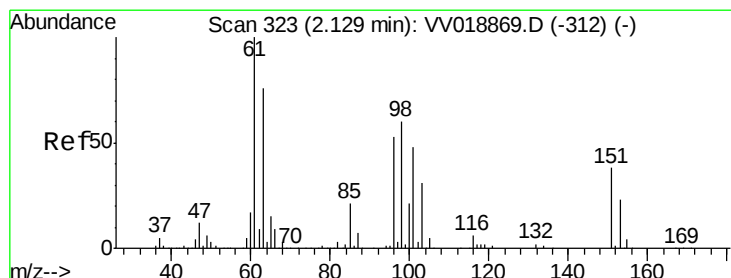
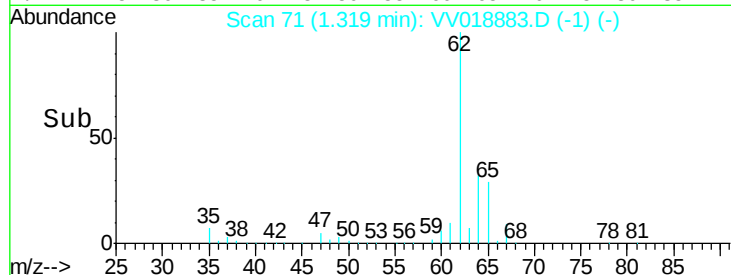
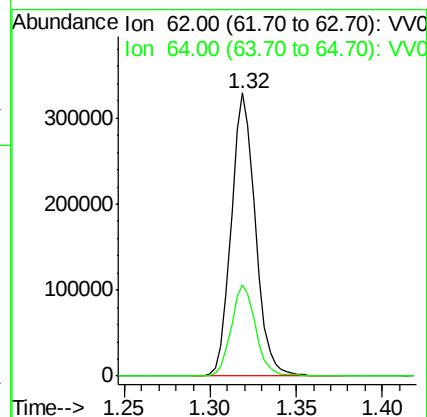
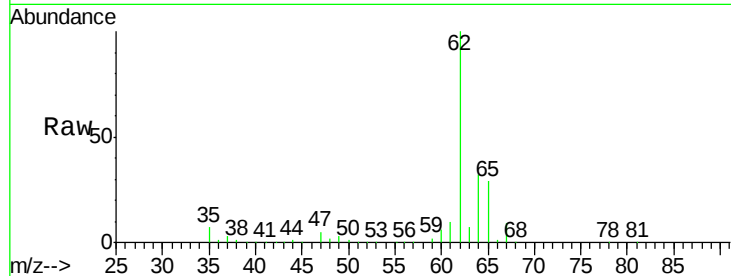
C0AH9

Tot Ion: 62 Resp: 323954

Ion Ratio Lower Upper

62 100

64 32.4 23.2 43.0



#12

1,1-Dichloroethene

Concen: 10.494 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018883.D

Acq: 13 Oct 2020 17:25

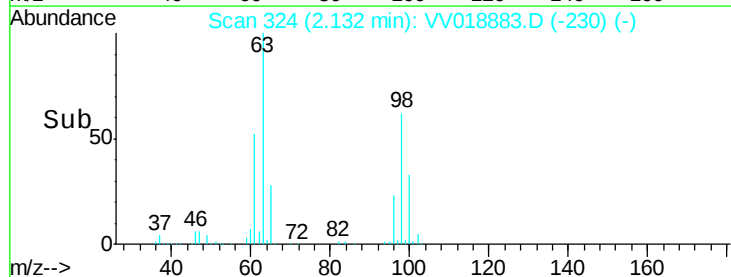
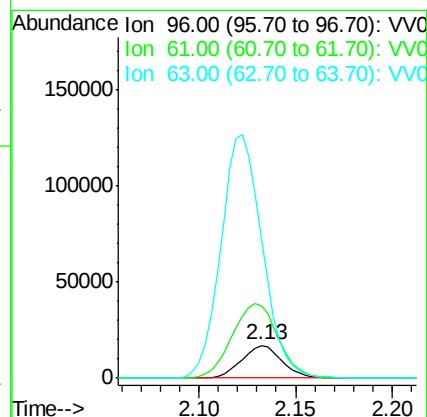
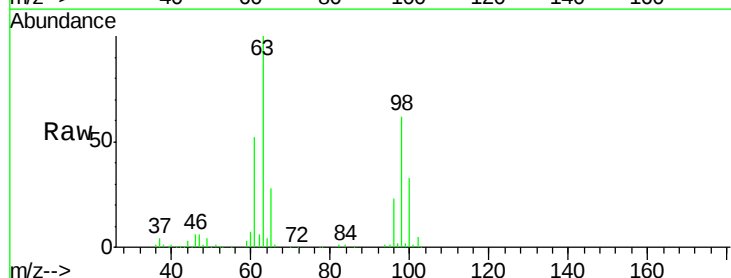
Tgt Ion: 96 Resp: 24702

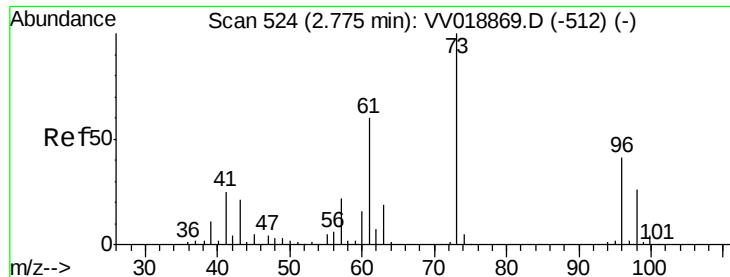
Ion Ratio Lower Upper

96 100

61 220.8 133.6 248.0

63 426.0 108.4 201.4#

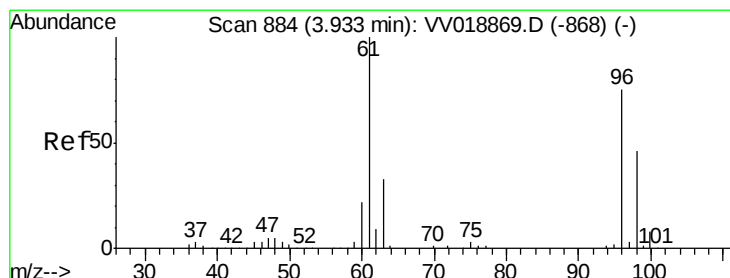
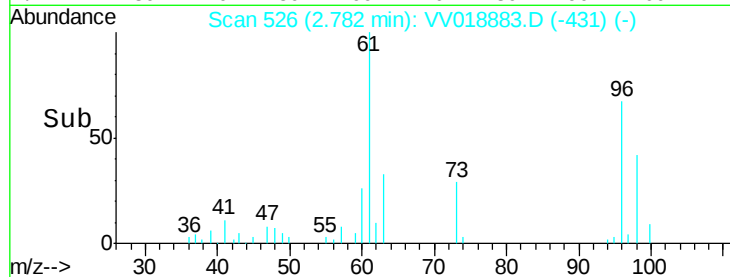
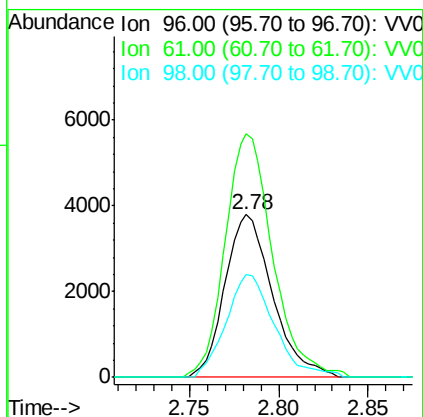
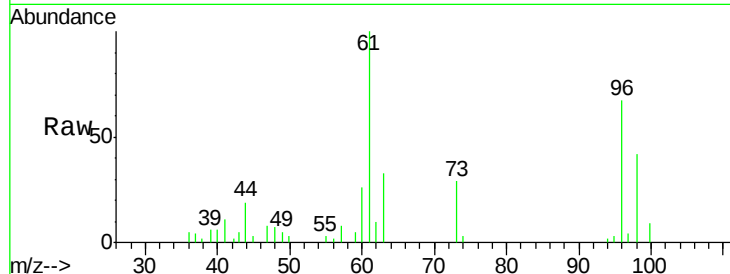




#17
trans-1,2-Dichloroethene
Concen: 2.846 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV018883.D
Acq: 13 Oct 2020 17:25

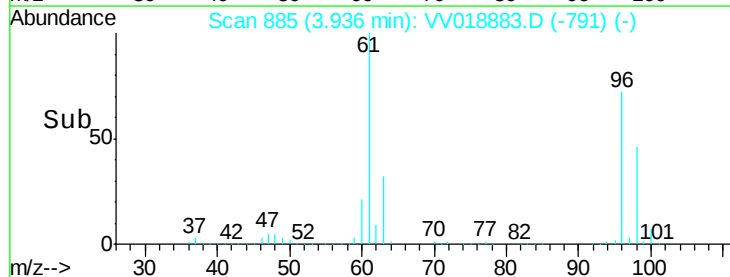
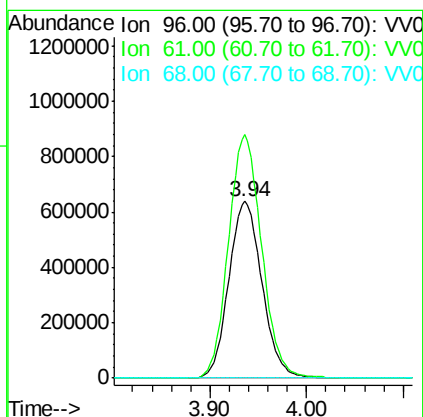
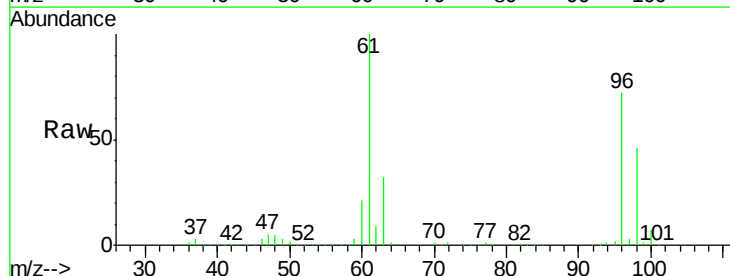
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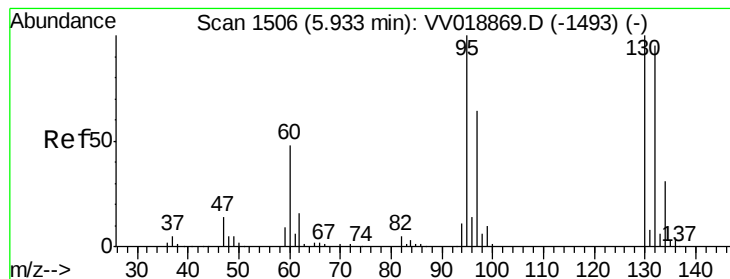
Tot Ion: 96 Resp: 7071
Ion Ratio Lower Upper
96 100
61 149.4 105.7 196.3
98 62.8 44.7 83.1



#20
cis-1,2-Dichloroethene
Concen: 579.162 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV018883.D
Acq: 13 Oct 2020 17:25

Tgt Ion: 96 Resp: 1520770
Ion Ratio Lower Upper
96 100
61 137.9 97.3 180.7
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2.816 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018883.D

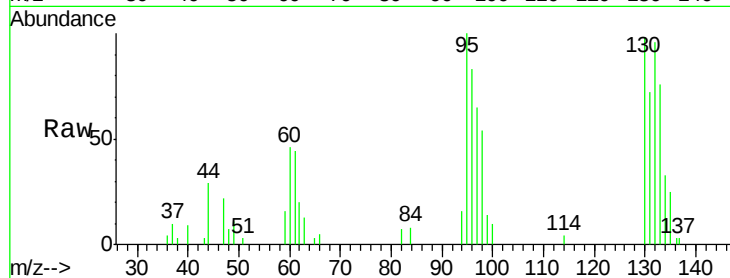
Acq: 13 Oct 2020 17:25

Instrument :

MSVOA_V

ClientSampleId :

C0AH9



Tot Ion: 95 Resp: 8593

Ion Ratio Lower Upper

95 100

97 64.7 45.1 83.9

132 95.8 66.2 123.0

130 98.3 69.1 128.3

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

