

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017064.D
 Acq On : 23 Jun 2020 19:21
 Operator : SY/MD
 Sample : L3093-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTN3

Quant Time: Jun 24 07:41:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 05:01:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	168925	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	165950	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78092	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48801	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.58	69	33158	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.12	63	65169	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.92	46	127558	49.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.74%
24) Chloroform-d	4.38	84	97594	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.06	65	57670	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.07	84	196848	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.10	67	59914	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.34	98	180539	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
45) trans-1,3-Dichloropropene-	7.64	79	22502	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
48) 2-Hexanone-d5	8.11	63	82287	40.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41226	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	74692	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

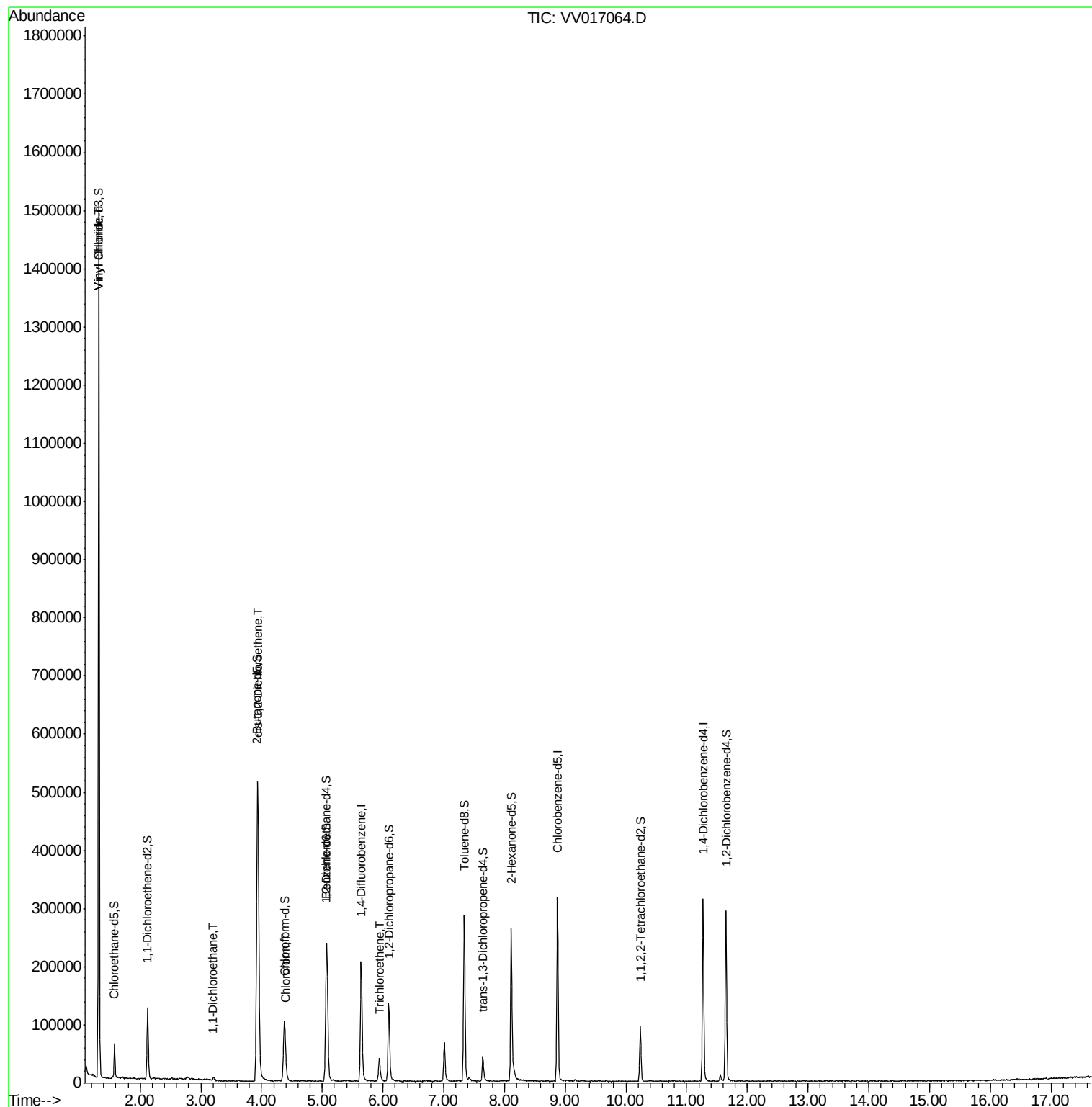
					Ovalue
5) Vinyl chloride	1.32	62	852783	76.933	ug/L 99
19) 1,1-Dichloroethane	3.21	63	3670	0.190	ug/L 88
22) cis-1,2-Dichloroethene	3.94	96	251735	21.427	ug/L 98
25) Chloroform	4.41	83	10150	0.481	ug/L 85
34) Trichloroethene	5.94	95	13410	1.054	ug/L 96

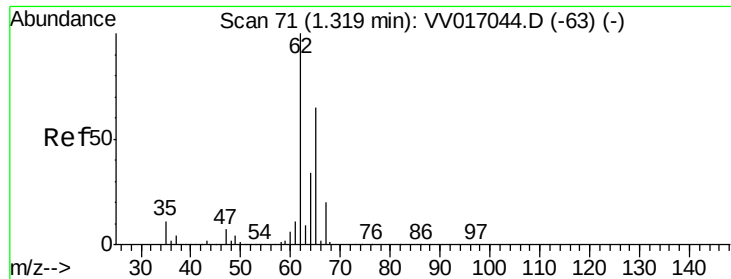
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 76.933 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017064.D

Acq: 23 Jun 2020 19:21

Instrument :

MSVOA_V

ClientSampleId :

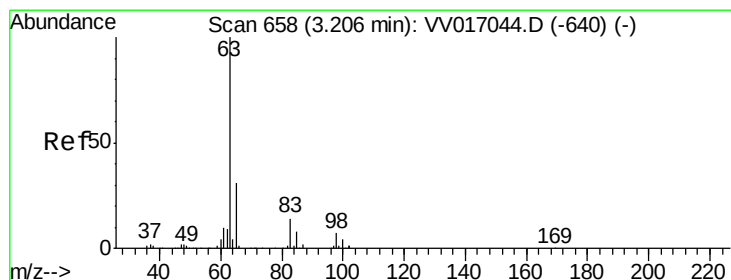
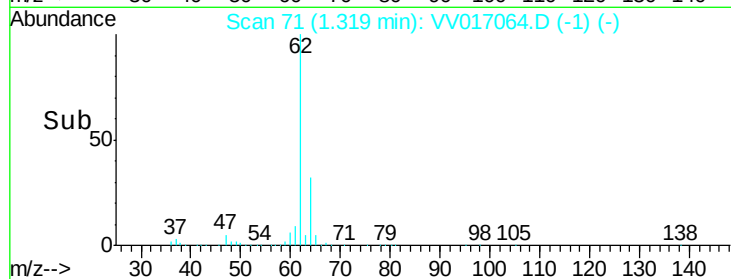
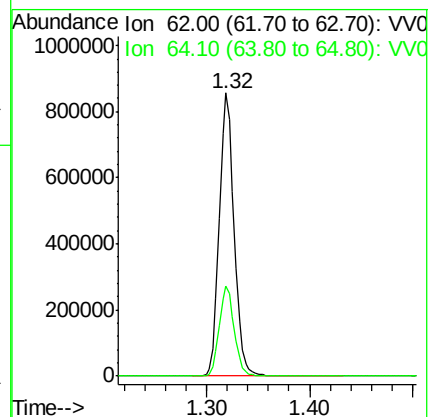
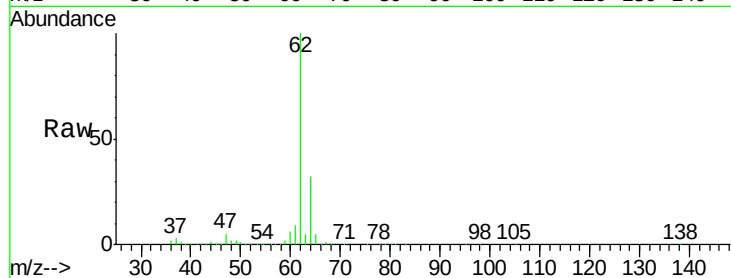
ETTN3

Tot Ion: 62 Resp: 852783

Ion Ratio Lower Upper

62 100

64 31.8 22.5 41.7



#19

1,1-Dichloroethane

Concen: 0.190 ug/L

RT: 3.21 min Scan# 659

Delta R.T. 0.00 min

Lab File: VV017064.D

Acq: 23 Jun 2020 19:21

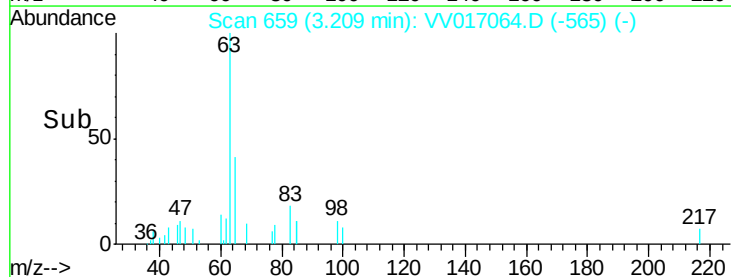
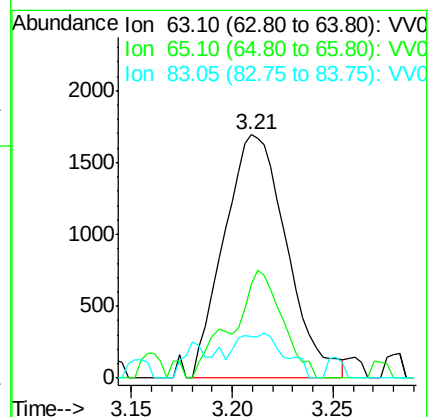
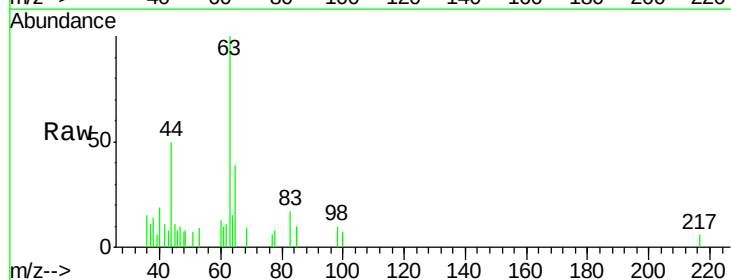
Tgt Ion: 63 Resp: 3670

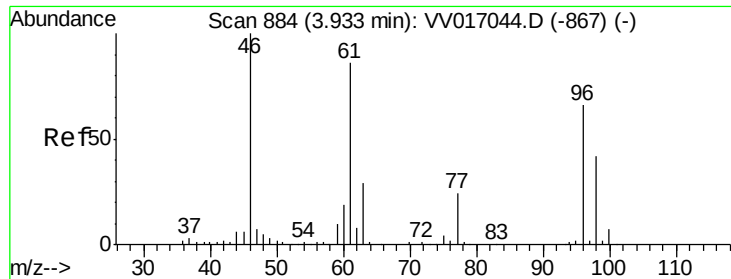
Ion Ratio Lower Upper

63 100

65 38.8 21.8 40.4

83 16.8 9.7 17.9

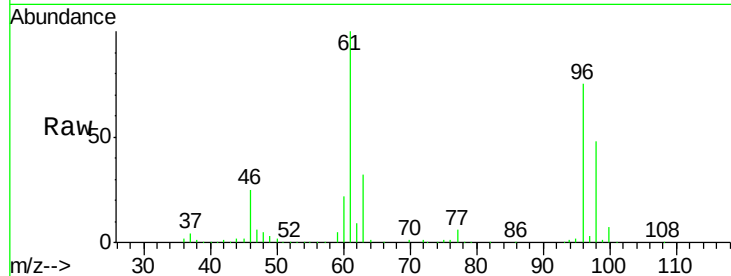




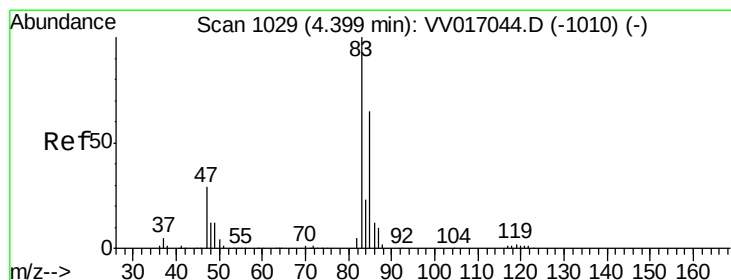
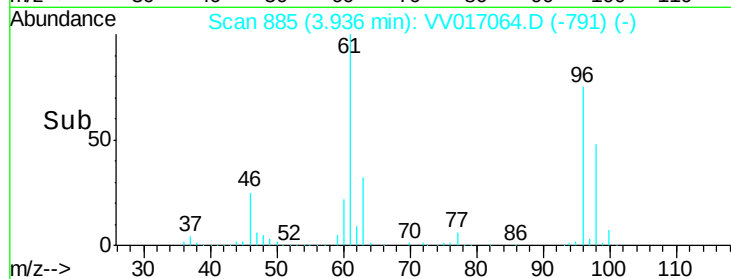
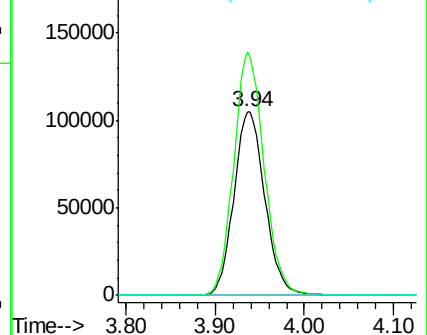
#22
 cis-1,2-Dichloroethene
 Concen: 21.427 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017064.D
 Acq: 23 Jun 2020 19:21

Instrument :
 MSVOA_V
 ClientSampled :
 ETTN3

Tot Ion: 96 Resp: 251735
 Ion Ratio Lower Upper
 96 100
 61 132.6 91.0 169.0
 68 0.0 0.0 0.0

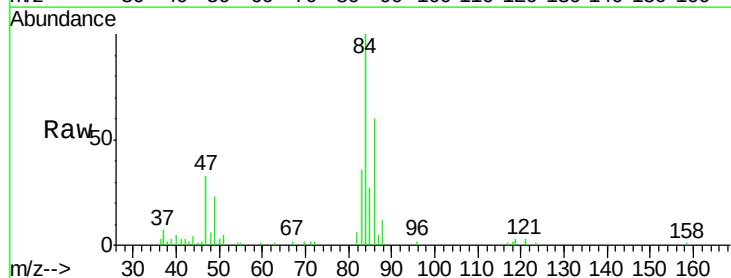


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

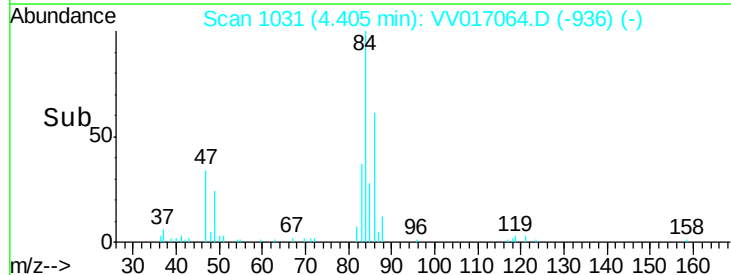
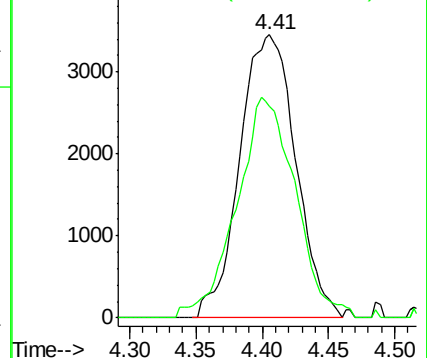


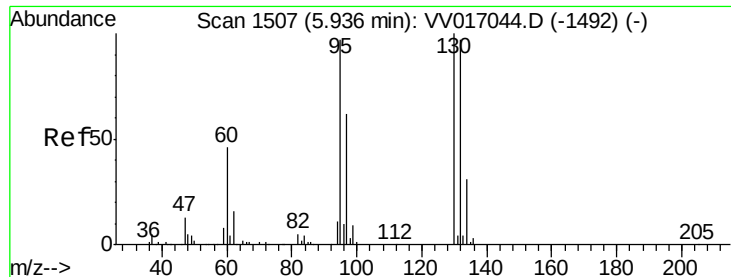
#25
 Chloroform
 Concen: 0.481 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV017064.D
 Acq: 23 Jun 2020 19:21

Tgt Ion: 83 Resp: 10150
 Ion Ratio Lower Upper
 83 100
 85 74.9 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 1.054 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017064.D

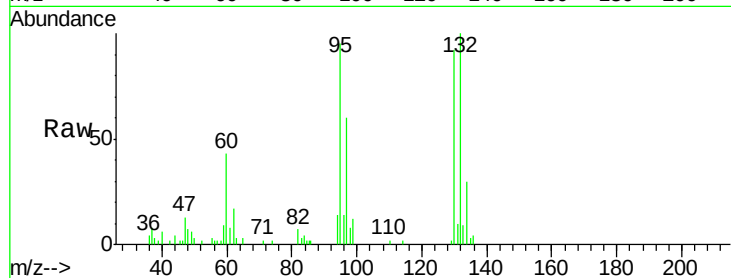
Acq: 23 Jun 2020 19:21

Instrument :

MSVOA_V

ClientSampleId :

ETTN3



Tot Ion: 95 Resp: 13410

Ion Ratio Lower Upper

95 100

97 63.0 45.3 84.1

132 104.8 68.8 127.8

130 96.7 70.2 130.4

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

