

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102918\
 Data File : VV008455.D
 Acq On : 29 Oct 2018 15:52
 Operator : SY/MD
 Sample : J5669-18
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBR0

Quant Time: Nov 06 06:25:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 30 07:40:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	191810	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175912	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72894	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47582	44.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.60%
7) Chloroethane-d5	1.56	69	36171	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.34%
11) 1,1-Dichloroethene-d2	2.13	63	65412	34.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.20%
21) 2-Butanone-d5	3.94	46	110462	95.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.71%
24) Chloroform-d	4.41	84	121403	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.70%
26) 1,2-Dichloroethane-d4	5.09	65	84458	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
32) Benzene-d6	5.10	84	246999	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
36) 1,2-Dichloropropane-d6	6.12	67	84848	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.52%
41) Toluene-d8	7.36	98	221405	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%
43) trans-1,3-Dichloropropene-	7.67	79	40905	48.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.78%
47) 2-Hexanone-d5	8.14	63	83919	92.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113763	48.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.54%
64) 1,2-Dichlorobenzene-d4	11.68	152	74357	49.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.74%

Target Compounds

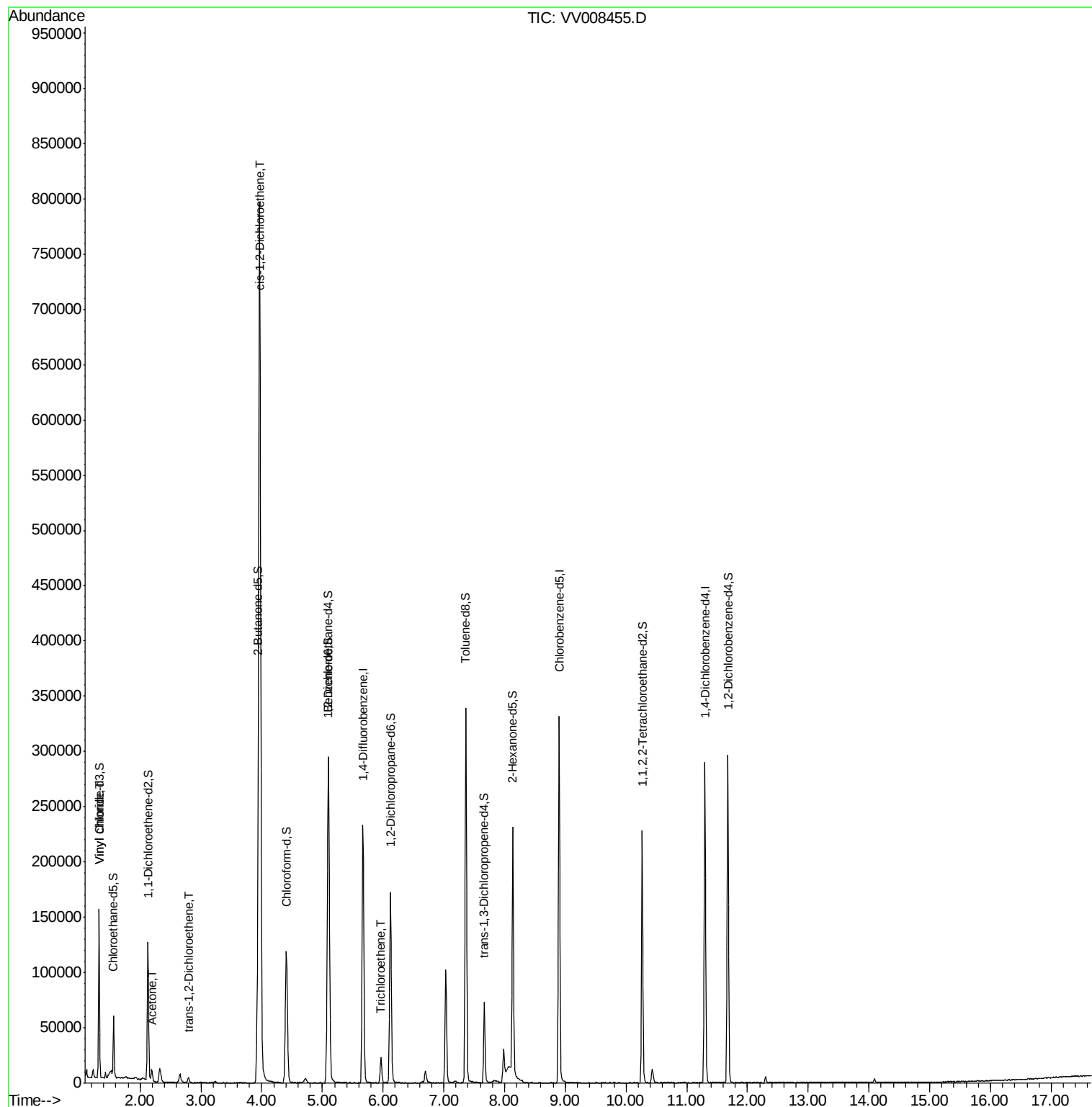
					Ovalue
5) Vinyl chloride	1.33	62	50494	37.142	ug/L 97
13) Acetone	2.19	43	8066	9.005	ug/L 99
17) trans-1,2-Dichloroethene	2.80	96	1922	1.465	ug/L 85
20) cis-1,2-Dichloroethene	3.97	96	428750	286.871	ug/L 95
34) Trichloroethene	5.96	95	8361	5.679	ug/L 98

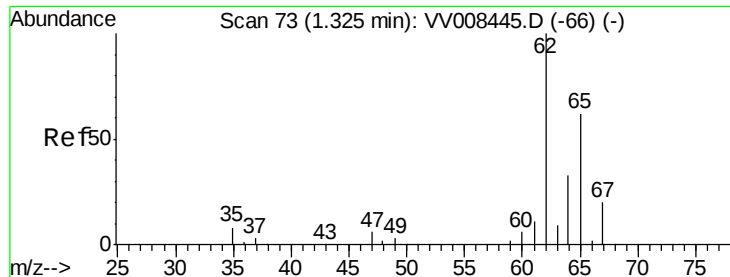
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 37.142 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008455.D

Acq: 29 Oct 2018 15:52

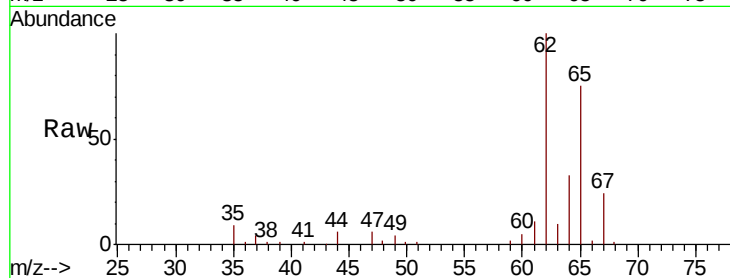
Instrument :
MSVOA_V
ClientSampled :
ETBR0

Tot Ion: 62 Resp: 50494

Ion Ratio Lower Upper

62 100

64 33.3 24.4 45.4

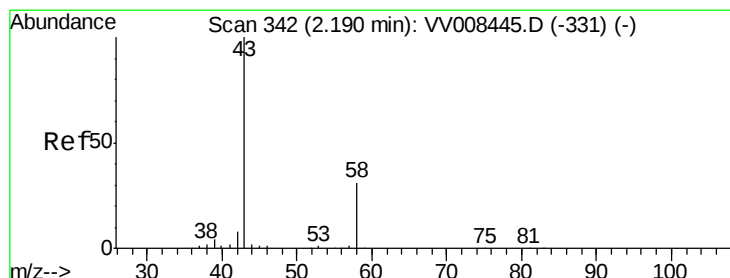
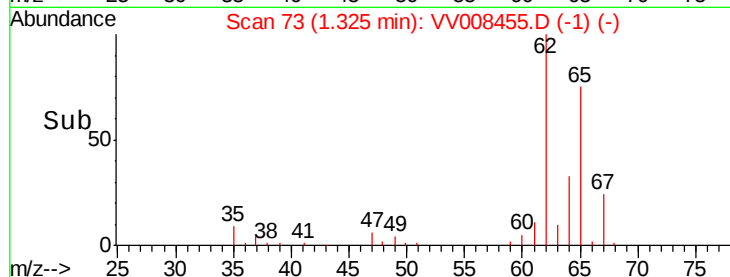


Abundance Ion 62.00 (61.70 to 62.70): VV008445.D (-66) (-)

Ion 64.00 (63.70 to 64.70): VV008445.D (-66) (-)

1.33

Time-->



#13

Acetone

Concen: 9.005 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008455.D

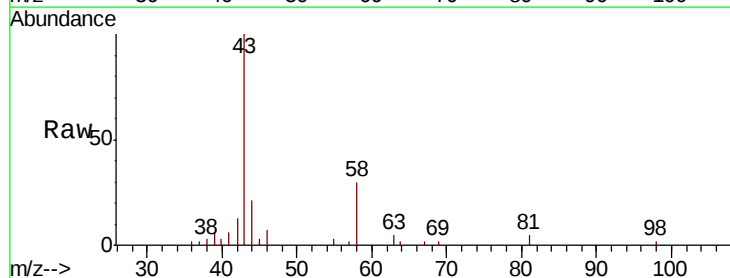
Acq: 29 Oct 2018 15:52

Tgt Ion: 43 Resp: 8066

Ion Ratio Lower Upper

43 100

58 31.5 0.0 61.4

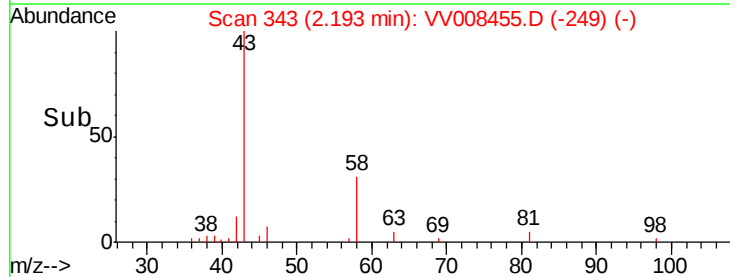


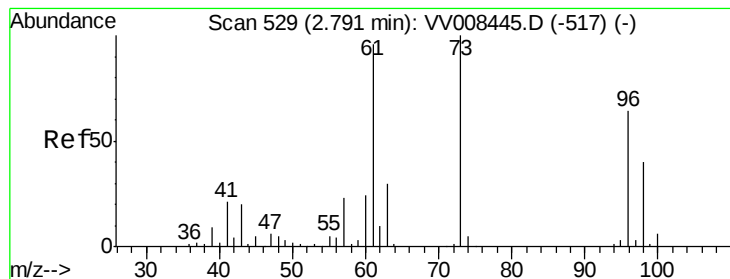
Abundance Ion 43.00 (42.70 to 43.70): VV008445.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV008445.D (-331) (-)

2.19

Time-->





#17

trans-1,2-Dichloroethene

Concen: 1.465 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.01 min

Lab File: VV008455.D

Acq: 29 Oct 2018 15:52

Instrument :

MSVOA_V

ClientSampleId :

ETBR0

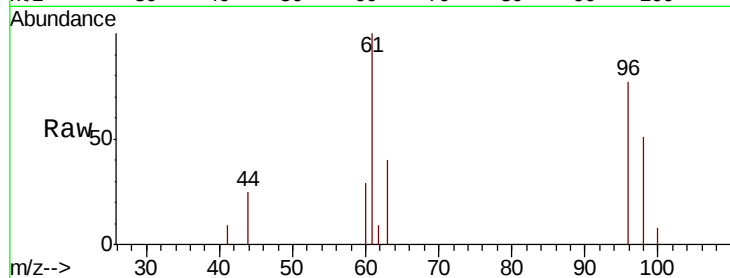
Tot Ion: 96 Resp: 1922

Ion Ratio Lower Upper

96 100

61 129.6 108.6 201.6

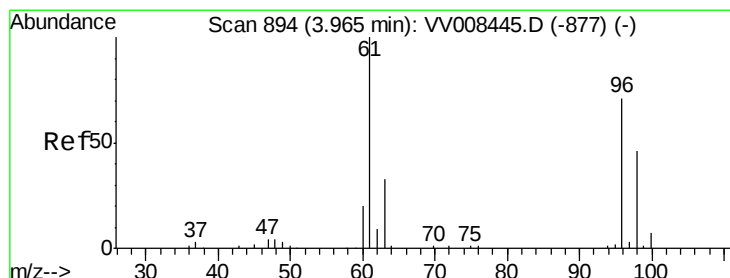
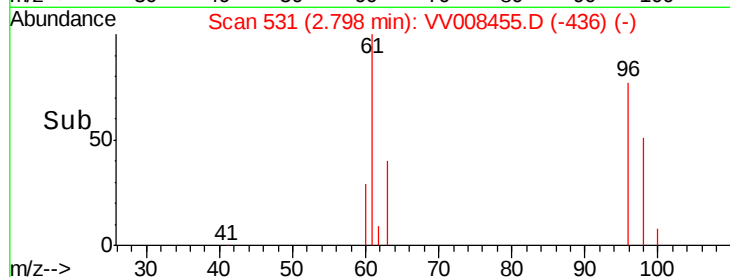
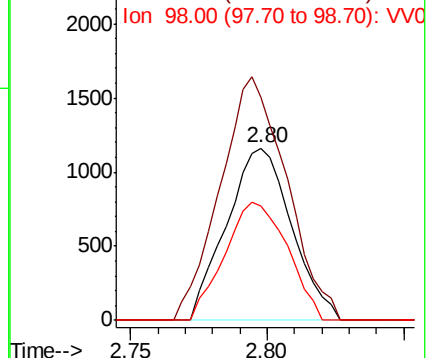
98 66.2 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VV008445.D (-517) (-)

Ion 61.00 (60.70 to 61.70): VV008445.D (-517) (-)

Ion 98.00 (97.70 to 98.70): VV008445.D (-517) (-)



#20

cis-1,2-Dichloroethene

Concen: 286.871 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008455.D

Acq: 29 Oct 2018 15:52

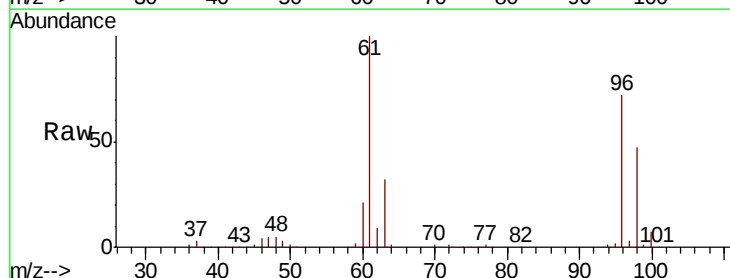
Tgt Ion: 96 Resp: 428750

Ion Ratio Lower Upper

96 100

61 138.1 100.9 187.5

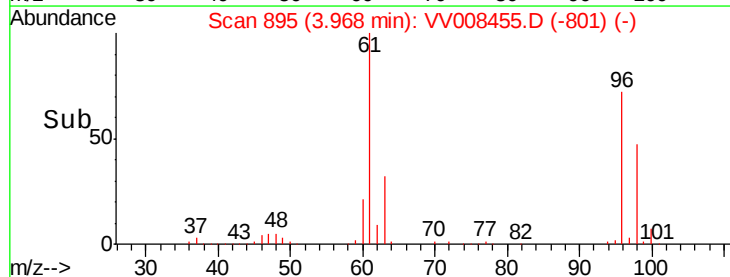
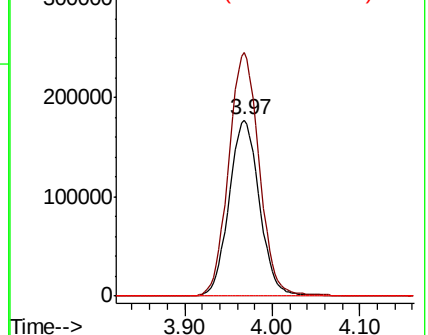
68 0.0 0.0 0.0

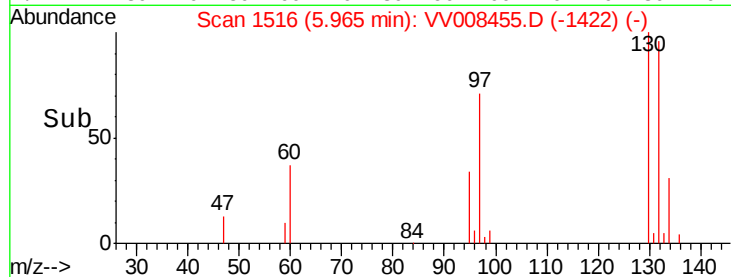
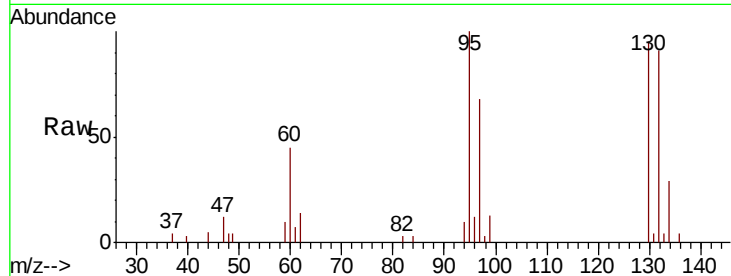
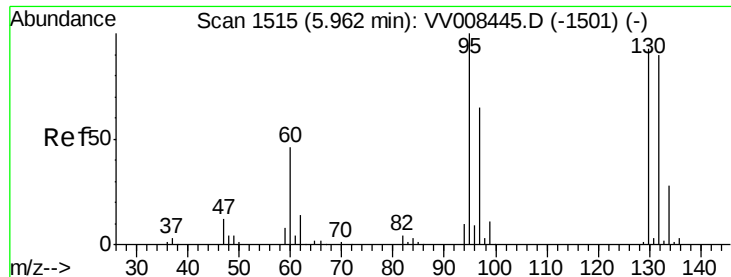


Abundance Ion 96.00 (95.70 to 96.70): VV008445.D (-877) (-)

Ion 61.00 (60.70 to 61.70): VV008445.D (-877) (-)

Ion 68.00 (67.70 to 68.70): VV008445.D (-877) (-)





#34

Trichloroethene

Concen: 5.679 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008455.D

Acq: 29 Oct 2018 15:52

Instrument :
MSVOA_V
ClientSampleId :
ETBR0

Tot Ion: 95 Resp: 8361

Ion Ratio Lower Upper

95 100

97 67.7 45.2 84.0

132 91.0 63.8 118.6

130 94.9 64.7 120.1

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

