

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018112.D
 Acq On : 27 Aug 2020 13:08
 Operator : SY/MD
 Sample : L3800-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G2

Quant Time: Aug 28 06:44:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 06:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	263068	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261439	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127425	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83307	41.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	76396	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.04%
11) 1,1-Dichloroethene-d2	2.12	63	129649	33.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.54%
21) 2-Butanone-d5	3.91	46	115705	88.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.01%
24) Chloroform-d	4.38	84	165342	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
26) 1,2-Dichloroethane-d4	5.06	65	112593	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
32) Benzene-d6	5.08	84	335569	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
36) 1,2-Dichloropropane-d6	6.09	67	109727	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.16%
41) Toluene-d8	7.34	98	296138	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.64	79	50412	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.38%
47) 2-Hexanone-d5	8.11	63	64129	84.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139737	45.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	125577	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%

Target Compounds

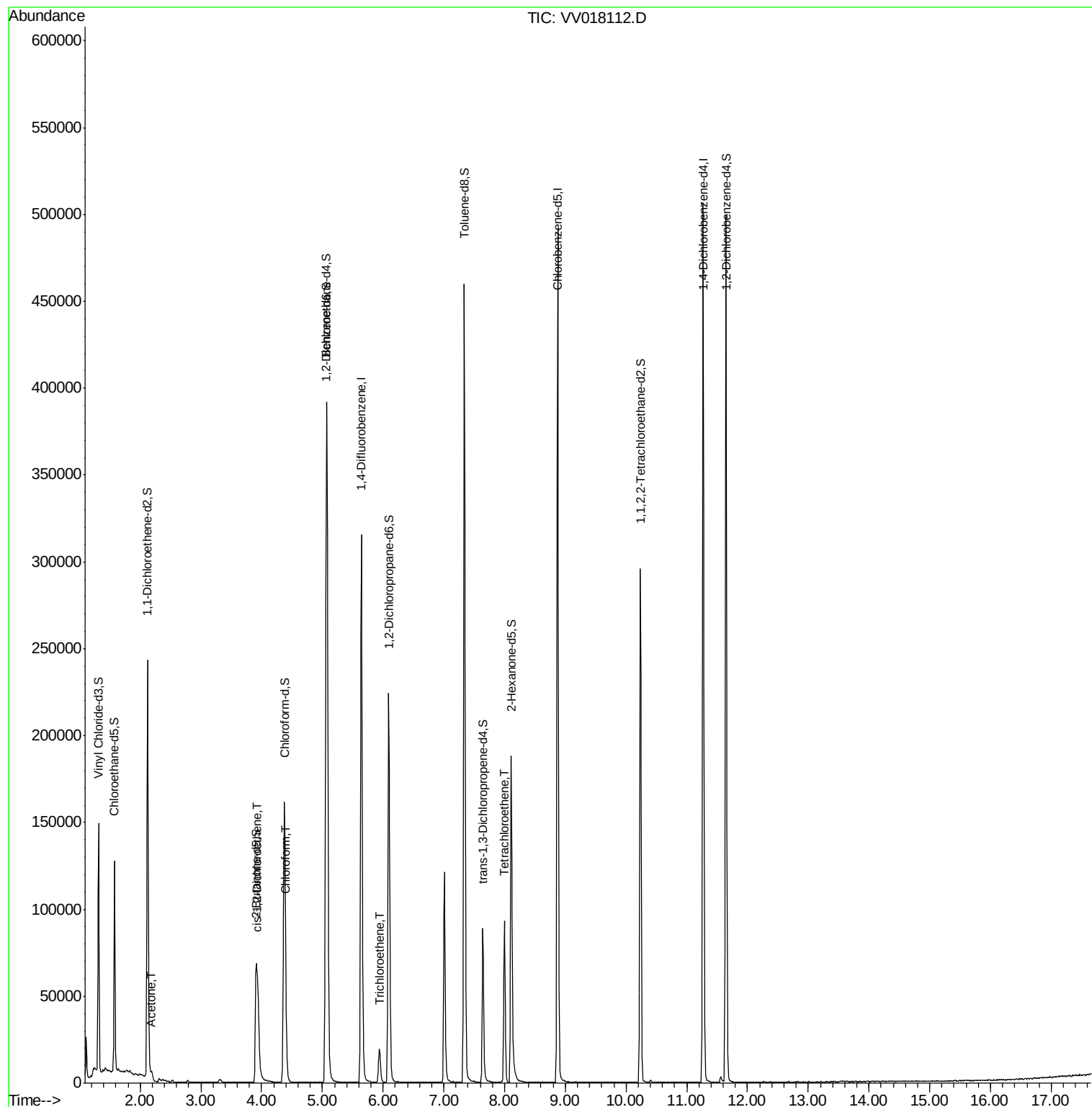
					Ovalue
13) Acetone	2.19	43	5790	4.264 ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	17513	8.786 ug/L	94
25) Chloroform	4.41	83	5003	1.345 ug/L	99
34) Trichloroethene	5.95	95	5281	2.470 ug/L	95
46) Tetrachloroethene	8.00	164	21312	13.592 ug/L	97

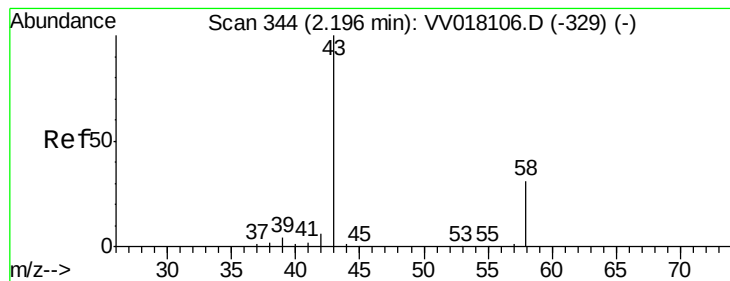
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.264 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV018112.D

Acq: 27 Aug 2020 13:08

Instrument :

MSVOA_V

ClientSampleId :

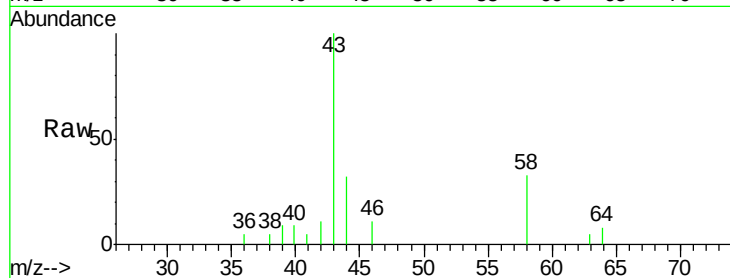
BG3G2

Tot Ion: 43 Resp: 5790

Ion Ratio Lower Upper

43 100

58 34.9 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

2500

2000

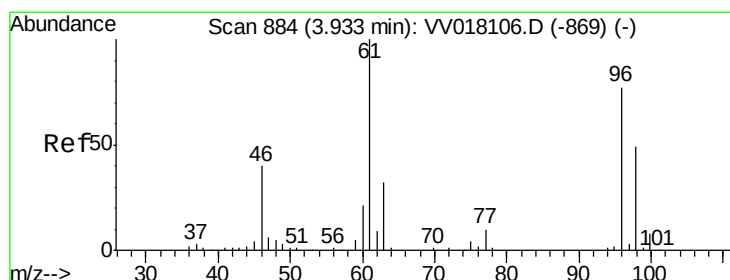
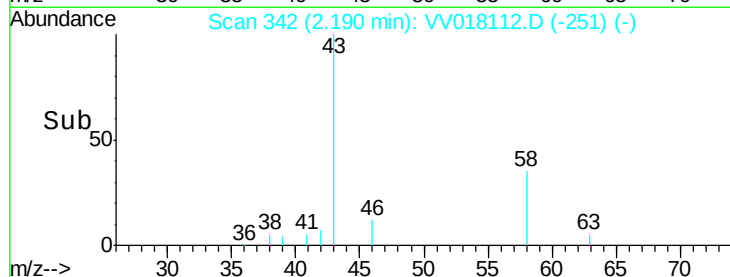
1500

1000

500

0

Time--> 2.10 2.15 2.20 2.25



#20

cis-1,2-Dichloroethene

Concen: 8.786 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

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Acq: 27 Aug 2020 13:08

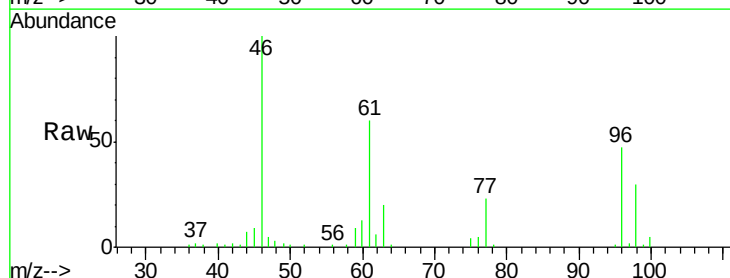
Tgt Ion: 96 Resp: 17513

Ion Ratio Lower Upper

96 100

61 128.7 95.0 176.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

12000

10000

8000

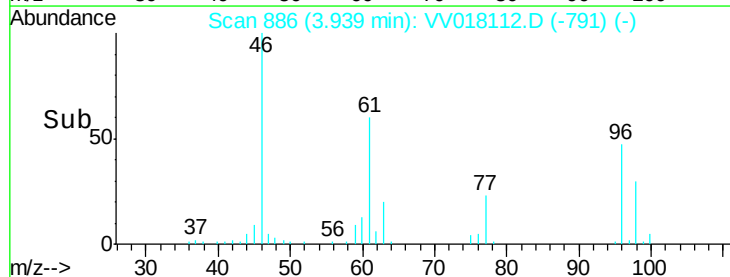
6000

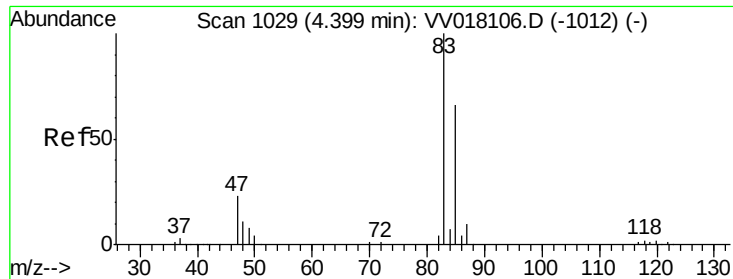
4000

2000

0

Time--> 3.85 3.90 3.95 4.00 4.05

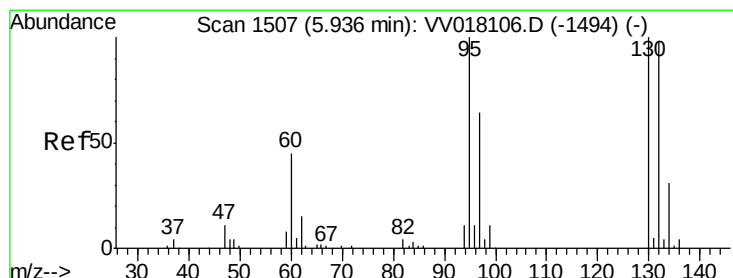
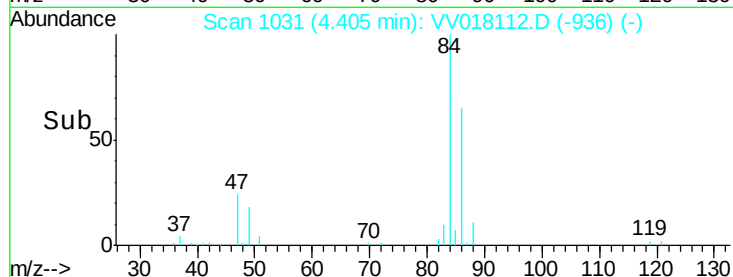
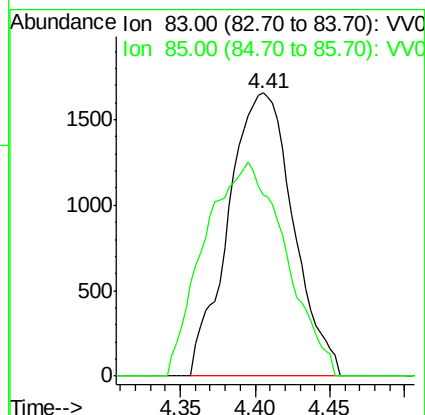
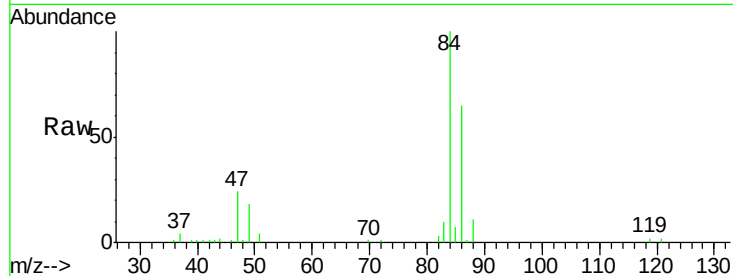




#25
Chloroform
Concen: 1.345 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV018112.D
Acq: 27 Aug 2020 13:08

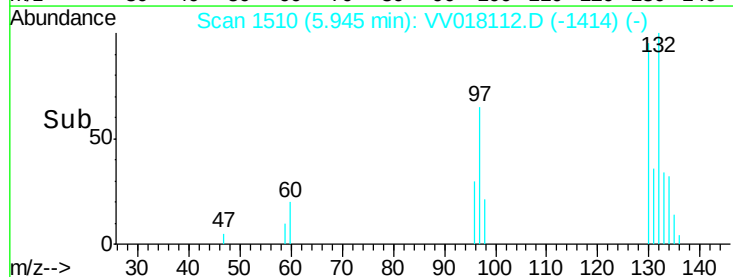
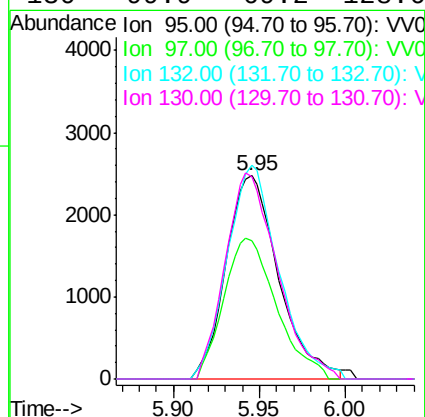
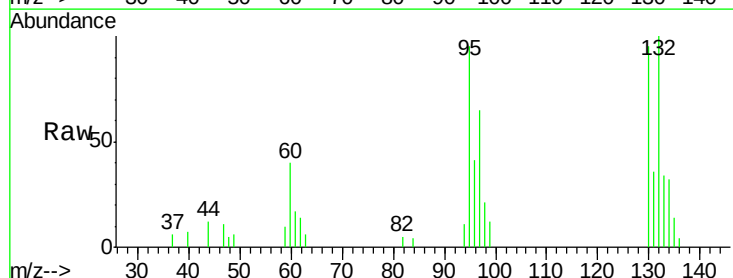
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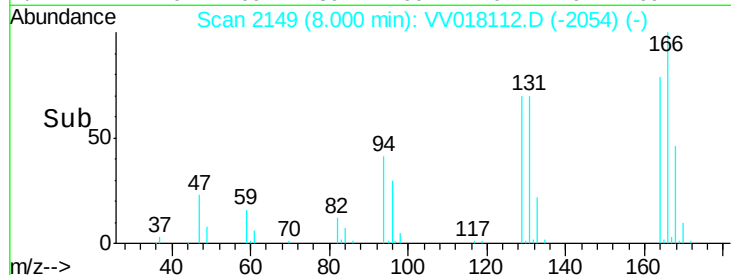
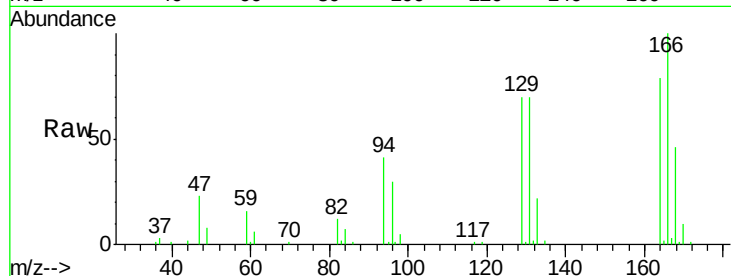
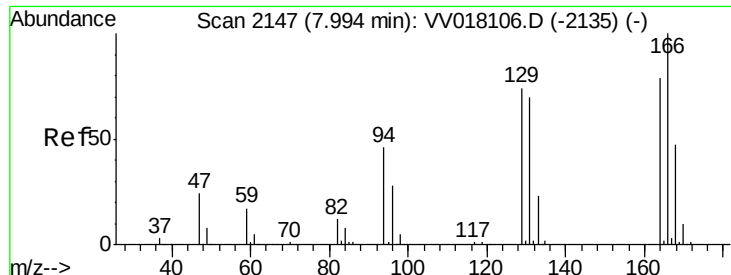
Tot Ion: 83 Resp: 5003
Ion Ratio Lower Upper
83 100
85 64.1 45.5 84.5



#34
Trichloroethene
Concen: 2.470 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV018112.D
Acq: 27 Aug 2020 13:08

Tgt Ion: 95 Resp: 5281
Ion Ratio Lower Upper
95 100
97 68.4 46.0 85.4
132 105.2 65.8 122.2
130 99.9 69.2 128.6





#46

Tetrachloroethene

Concen: 13.592 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018112.D

Acq: 27 Aug 2020 13:08

Instrument :

MSVOA_V

ClientSampleId :

BG3G2

Tot Ion:164 Resp: 21312

Ion Ratio Lower Upper

164 100

129 88.3 64.8 120.3

131 88.4 64.5 119.9

166 126.4 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

