

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019606.D
 Acq On : 14 Dec 2020 15:52
 Operator : SY/MD
 Sample : L4928-05DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M2DL

Quant Time: Dec 15 07:23:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	656762	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	612144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	283330	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	225245	47.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.66%
7) Chloroethane-d5	1.57	69	193300	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.08%
11) 1,1-Dichloroethene-d2	2.11	63	333765	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.36%
21) 2-Butanone-d5	3.89	46	282602	110.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.40%
24) Chloroform-d	4.35	84	425703	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
26) 1,2-Dichloroethane-d4	5.04	65	296989	53.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.08%
32) Benzene-d6	5.05	84	846355	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.68%
36) 1,2-Dichloropropane-d6	6.07	67	270263	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.68%
41) Toluene-d8	7.32	98	756882	51.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.98%
43) trans-1,3-Dichloropropene-	7.62	79	134868	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.72%
47) 2-Hexanone-d5	8.09	63	208234	103.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.74%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	350265	50.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.26%
64) 1,2-Dichlorobenzene-d4	11.63	152	280212	52.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.82%

Target Compounds

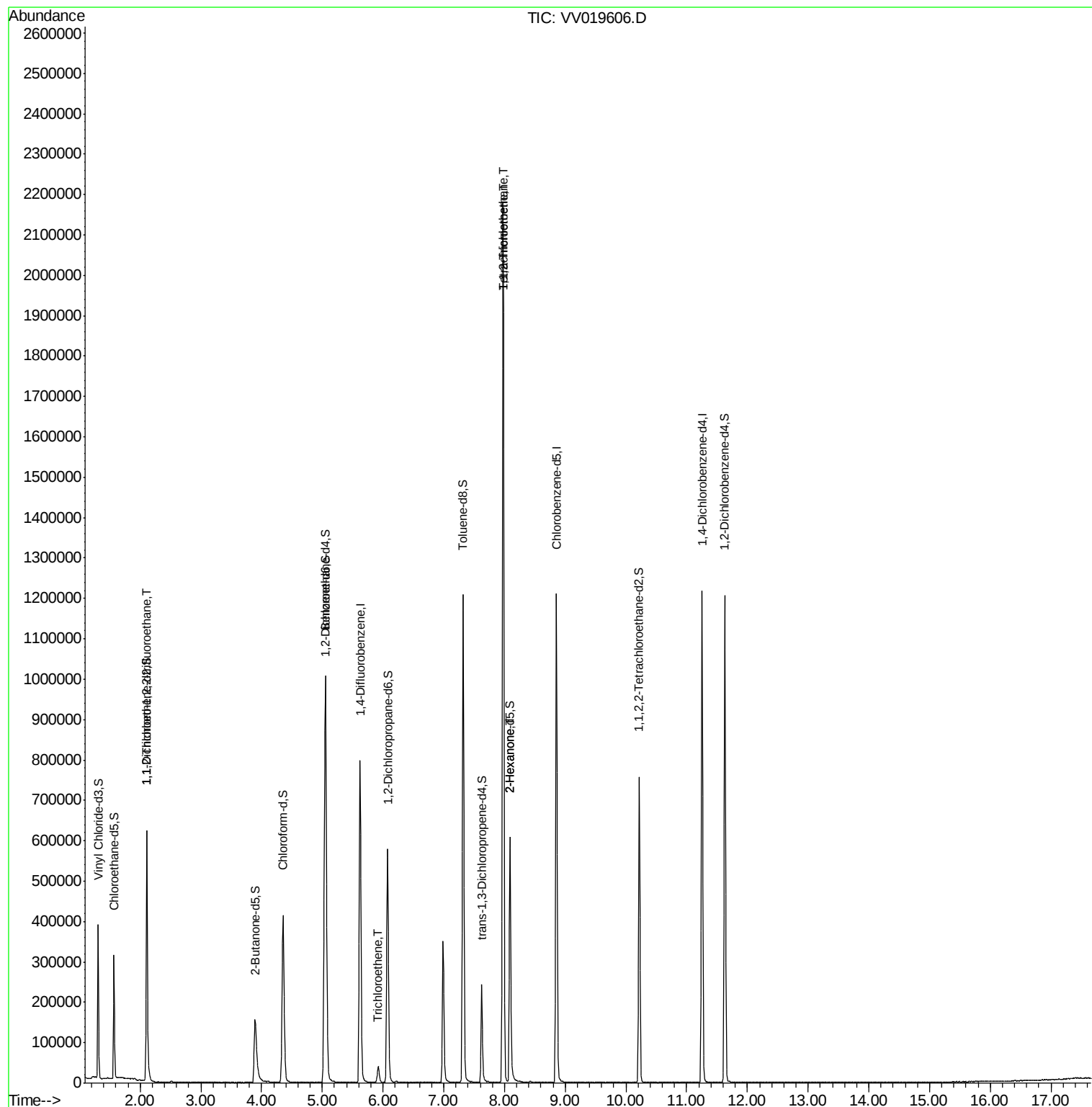
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3041	0.798 ug/L #	22
34) Trichloroethene	5.92	95	12757	2.699 ug/L	90
45) 1,1,2-Trichloroethane	7.97	97	4606	1.038 ug/L #	14
46) Tetrachloroethene	7.98	164	440686	134.760 ug/L	98
48) 2-Hexanone	8.09	43	25816	5.048 ug/L #	67

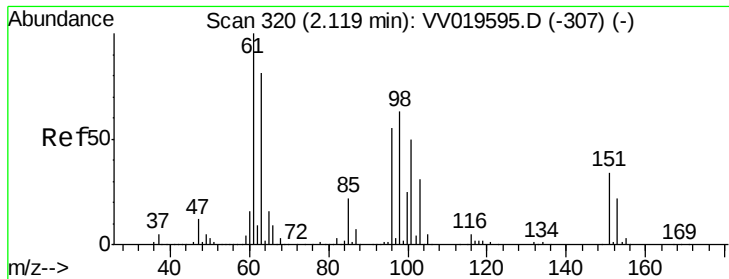
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.798 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019606.D

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Instrument :

MSVOA_V

ClientSampled :

BG4M2DL

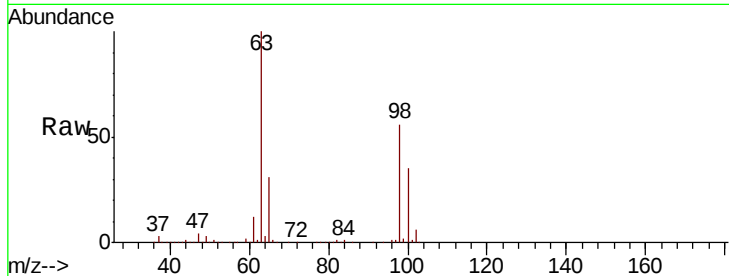
Tot Ion:101 Resp: 3041

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

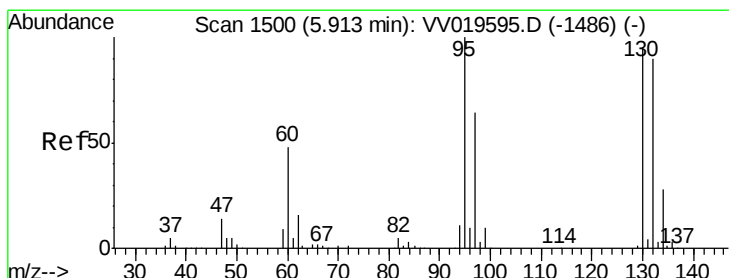
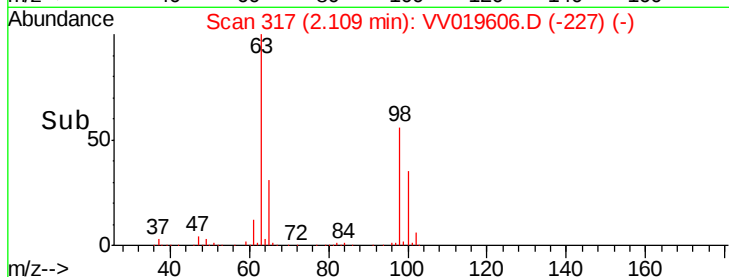
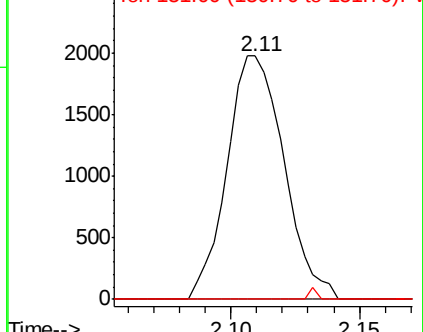
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 2.699 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019606.D

Acq: 14 Dec 2020 15:52

Tgt Ion: 95 Resp: 12757

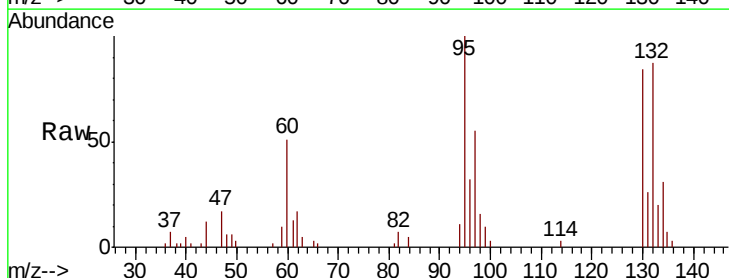
Ion Ratio Lower Upper

95 100

97 54.8 44.4 82.4

132 87.1 64.3 119.3

130 83.7 67.8 125.8

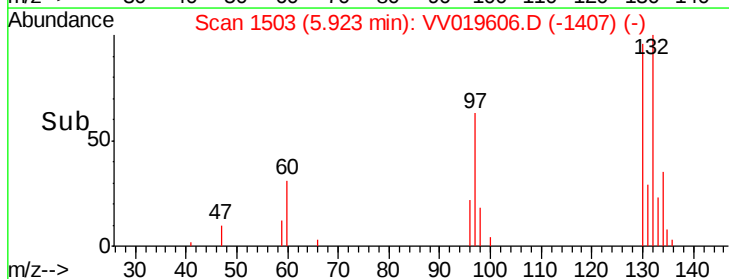
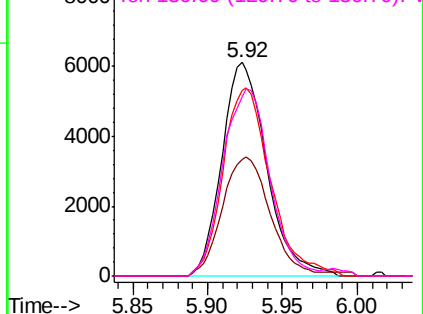


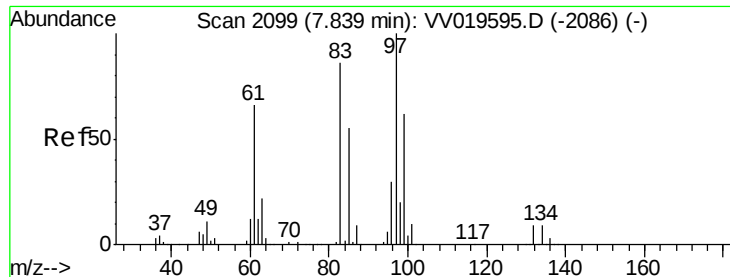
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

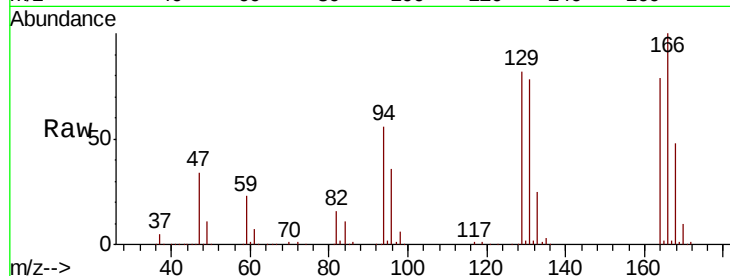




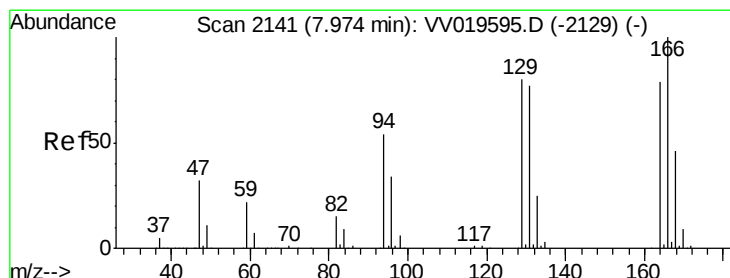
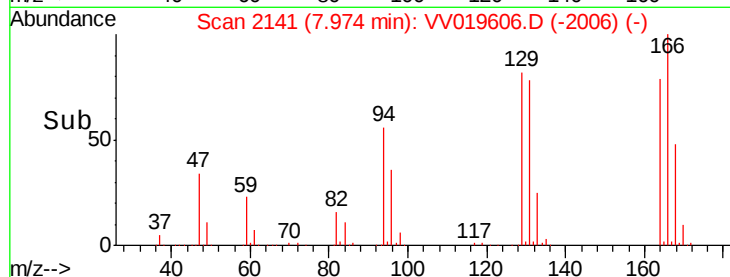
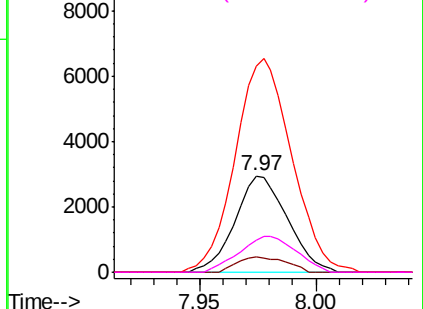
#45
1,1,2-Trichloroethane
Concen: 1.038 ug/L
RT: 7.97 min Scan# 2141
Delta R.T. 0.13 min
Lab File: VV019606.D
Acq: 14 Dec 2020 15:52

Instrument :
MSVOA_V
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BG4M2DL

Tot Ion: 97 Resp: 4606
Ion Ratio Lower Upper
97 100
99 15.4 44.1 81.9#
83 214.2 60.0 111.4#
85 33.6 38.6 71.8#

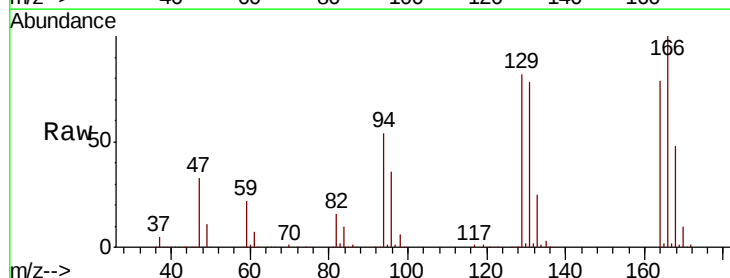


Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0

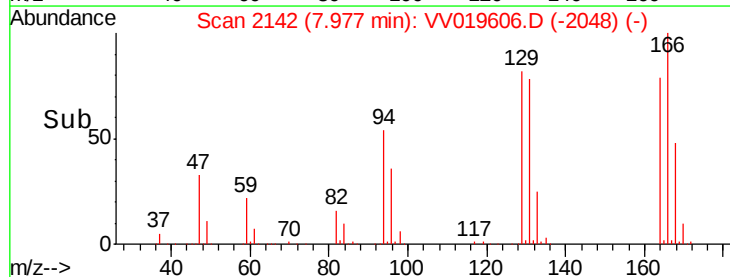
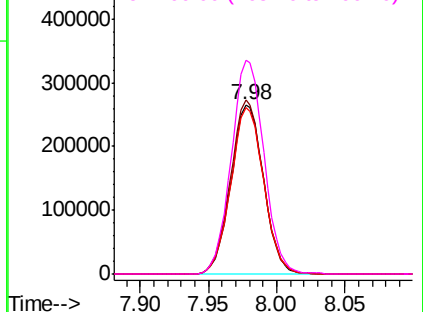


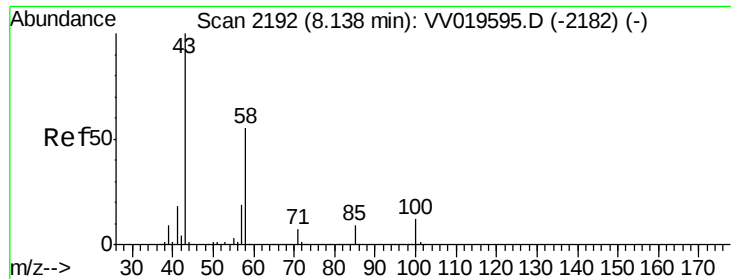
#46
Tetrachloroethene
Concen: 134.760 ug/L
RT: 7.98 min Scan# 2142
Delta R.T. 0.00 min
Lab File: VV019606.D
Acq: 14 Dec 2020 15:52

Tgt Ion: 164 Resp: 440686
Ion Ratio Lower Upper
164 100
129 103.2 70.6 131.0
131 98.3 68.0 126.4
166 126.3 86.9 161.5



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





#48

2-Hexanone

Concen: 5.048 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019606.D

Acq: 14 Dec 2020 15:52

Instrument :

MSVOA_V

ClientSampleId :

BG4M2DL

Tot Ion: 43 Resp: 25816

Ion Ratio Lower Upper

43 100

58 23.6 44.4 66.6#

57 20.4 15.7 23.5

100 0.3 9.9 14.9#

