

Data File : VV014914.D
Acq On : 13 Mar 2020 19:30
Operator : SY/MD
Sample : L1858-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRG6

Quant Time: Mar 16 01:39:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 16 01:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	405642	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	387968	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	191686	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94527	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.88%
7) Chloroethane-d5	1.58	69	77099	35.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.06%
11) 1,1-Dichloroethene-d2	2.12	63	122105	26.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.54%#
21) 2-Butanone-d5	3.94	46	153514	74.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.98%
24) Chloroform-d	4.38	84	222310	42.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.54%
26) 1,2-Dichloroethane-d4	5.06	65	151159	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.62%
32) Benzene-d6	5.08	84	453891	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
36) 1,2-Dichloropropane-d6	6.10	67	137428	40.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.96%
41) Toluene-d8	7.34	98	423954	42.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.52%
43) trans-1,3-Dichloropropene-	7.64	79	64342	38.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.62%
47) 2-Hexanone-d5	8.12	63	133099	88.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198553	42.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	180693	47.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.12%

Target Compounds

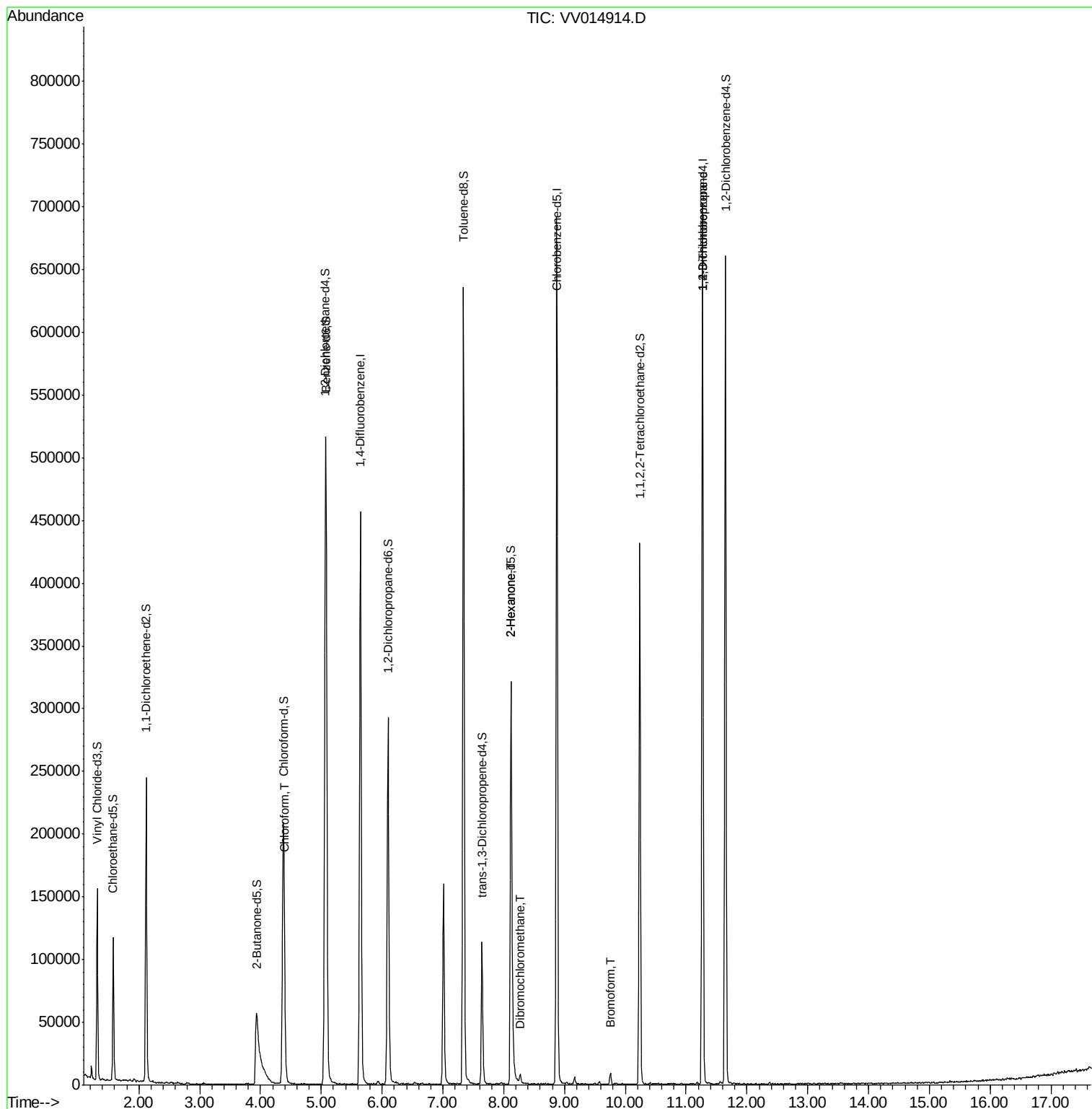
					Qvalue
25) Chloroform	4.40	83	4436	0.805 ug/L	86
48) 2-Hexanone	8.12	43	15901	4.593 ug/L #	76
49) Dibromochloromethane	8.26	129	3042	0.998 ug/L	94
59) 1,2,3-Trichloropropane	11.27	75	19335	4.985 ug/L	91
61) Bromoform	9.76	173	4270	2.053 ug/L	96

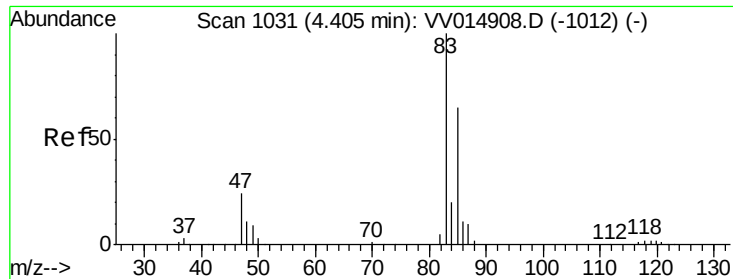
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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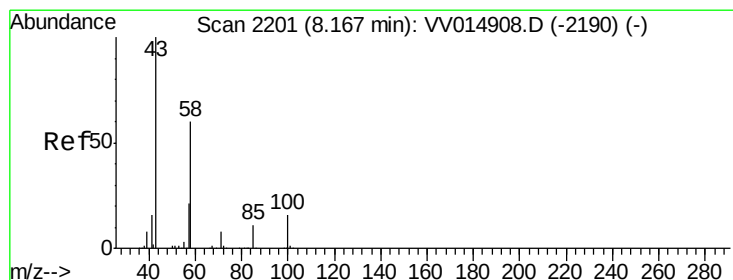
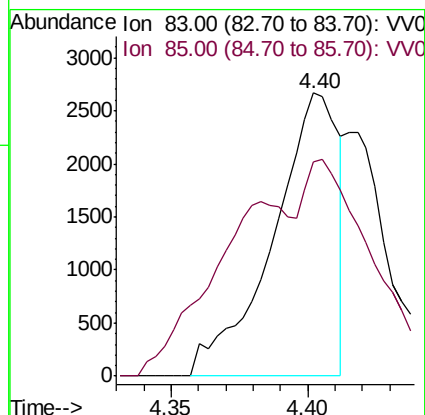
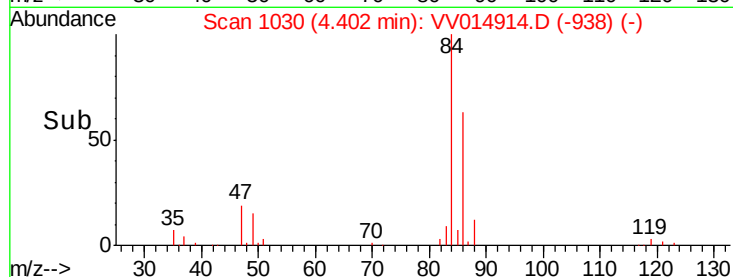
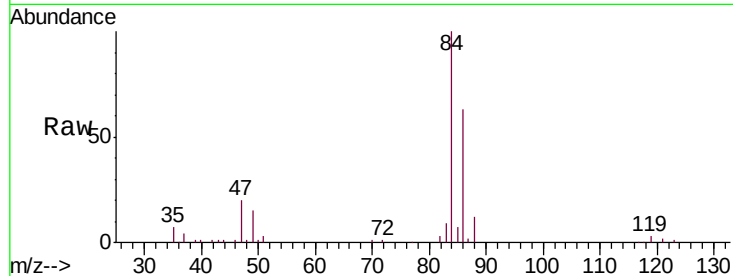




#25
Chloroform
Concen: 0.805 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV014914.D
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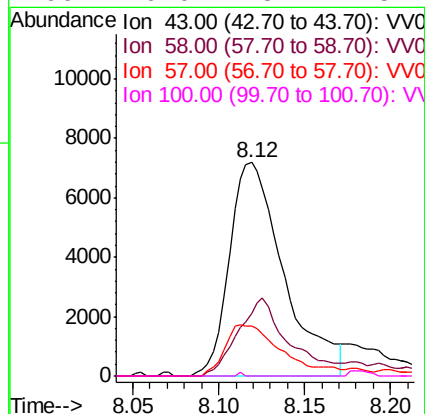
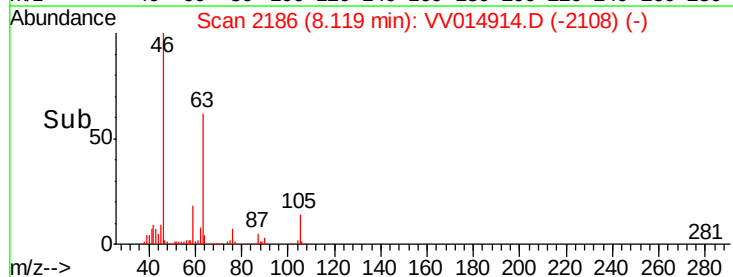
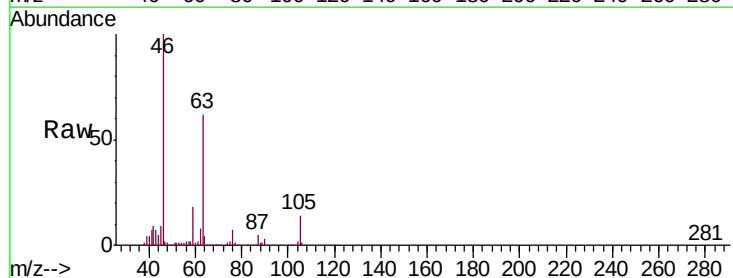
Instrument :
MSVOA_V
ClientSampleId :
BFRG6

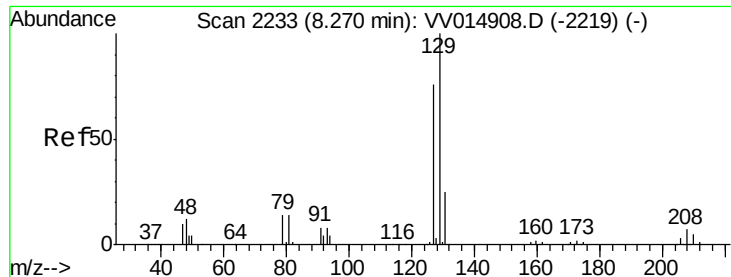
Tgt Ion: 83 Resp: 4436
Ion Ratio Lower Upper
83 100
85 75.5 45.1 83.9



#48
2-Hexanone
Concen: 4.593 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV014914.D
Acq: 13 Mar 2020 19:30

Tgt Ion: 43 Resp: 15901
Ion Ratio Lower Upper
43 100
58 34.0 43.3 64.9#
57 23.6 15.6 23.4#
100 0.0 8.7 13.1#





#49

Dibromochloromethane

Concen: 0.998 ug/L

RT: 8.26 min Scan# 2231

Delta R.T. -0.01 min

Lab File: VV014914.D

Acq: 13 Mar 2020 19:30

Instrument :

MSVOA_V

ClientSampleId :

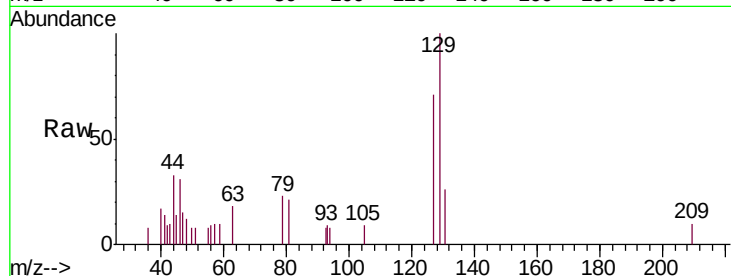
BFRG6

Tgt Ion:129 Resp: 3042

Ion Ratio Lower Upper

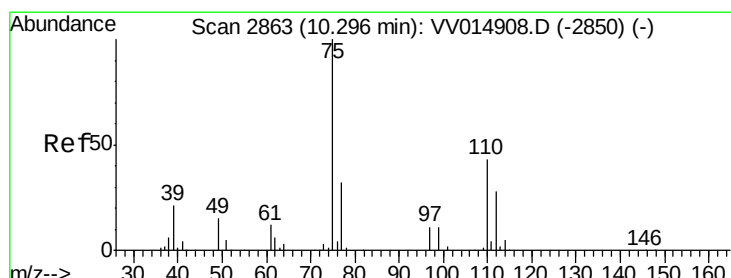
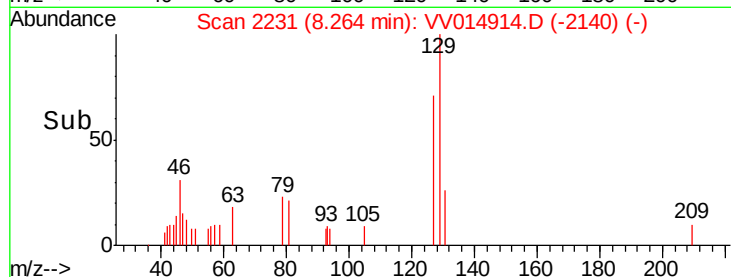
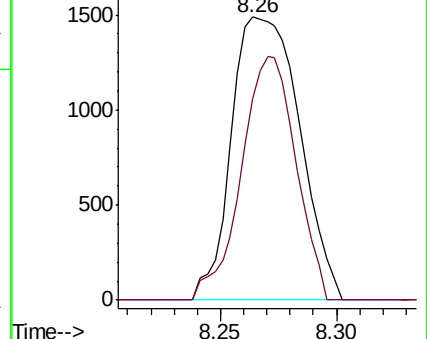
129 100

127 71.4 53.9 100.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.985 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

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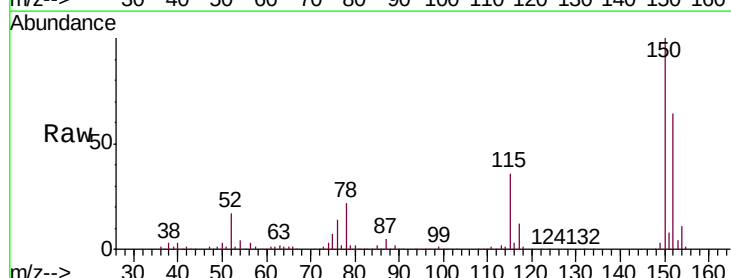
Acq: 13 Mar 2020 19:30

Tgt Ion: 75 Resp: 19335

Ion Ratio Lower Upper

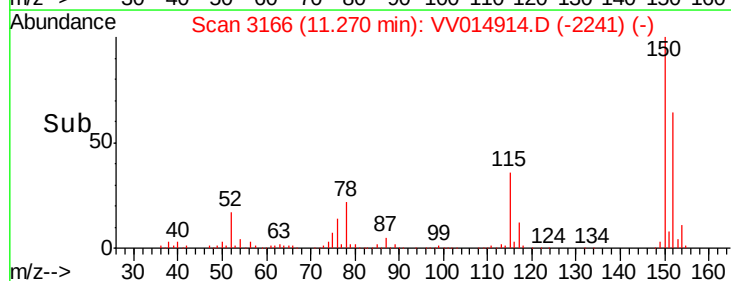
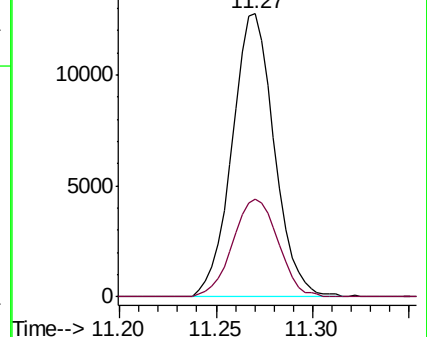
75 100

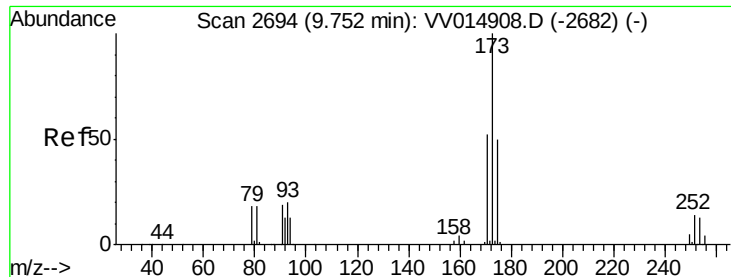
77 37.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

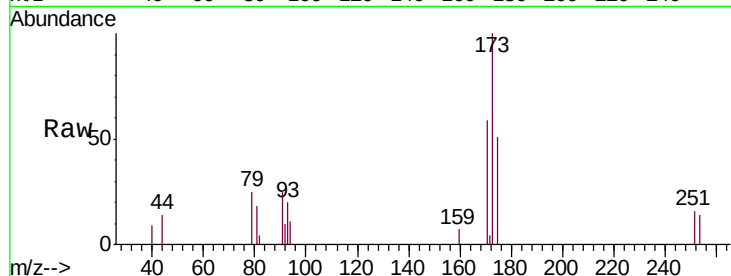




#61
 Bromoform
 Concen: 2.053 ug/L
 RT: 9.76 min Scan# 2695
 Delta R.T. 0.00 min
 Lab File: VV014914.D
 Acq: 13 Mar 2020 19:30

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRG6

Tgt Ion:173 Resp: 4270
 Ion Ratio Lower Upper
 173 100
 175 51.5 39.0 58.4
 254 8.8 8.6 13.0



Abundance Ion 173.00 (172.70 to 173.70): V
 Ion 175.00 (174.70 to 175.70): V
 Ion 254.00 (253.70 to 254.70): V

