

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009854.D
 Acq On : 09 Apr 2019 23:12
 Operator : SY/VA
 Sample : K2327-11
 Misc : 6.03G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0N5

Manual Integrations
 APPROVED

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 4/11/2019 2:05:46 PM

Quant Time: Apr 10 05:45:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:42:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	429844	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397901	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145198	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119815	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.20%
7) Chloroethane-d5	2.89	69	112759	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
10) 1,1-Dichloroethene-d2	4.01	63	222765	18.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.68%
20) 2-Butanone-d5	7.08	46	128348	70.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.56%#
24) Chloroform-d	7.65	84	316011	26.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.76%
26) 1,2-Dichloroethane-d4	8.31	65	209093m	29.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.16%
29) Benzene-d6	8.27	84	570359	27.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.24%
33) 1,2-Dichloropropane-d6	9.27	67	182720	28.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.28%
37) Toluene-d8	10.32	98	489958	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.48%
38) trans-1,3-Dichloropropene-	10.58	79	73280	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.28%
39) 2-Hexanone-d5	10.93	63	80230	65.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	180094	30.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.12%#
61) 1,2-Dichlorobenzene-d4	13.86	152	150980	29.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.52%

Target Compounds

					Ovalue
13) Acetone	4.12	43	58351	29.820 ug/L	98
14) Carbon disulfide	4.37	76	8843m	0.498 ug/L	
16) Methylene chloride	4.92	84	8670m	1.144 ug/L	
21) 2-Butanone	7.17	43	13791	5.542 ug/L	93
22) cis-1,2-Dichloroethene	7.17	96	32341	5.093 ug/L	98

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

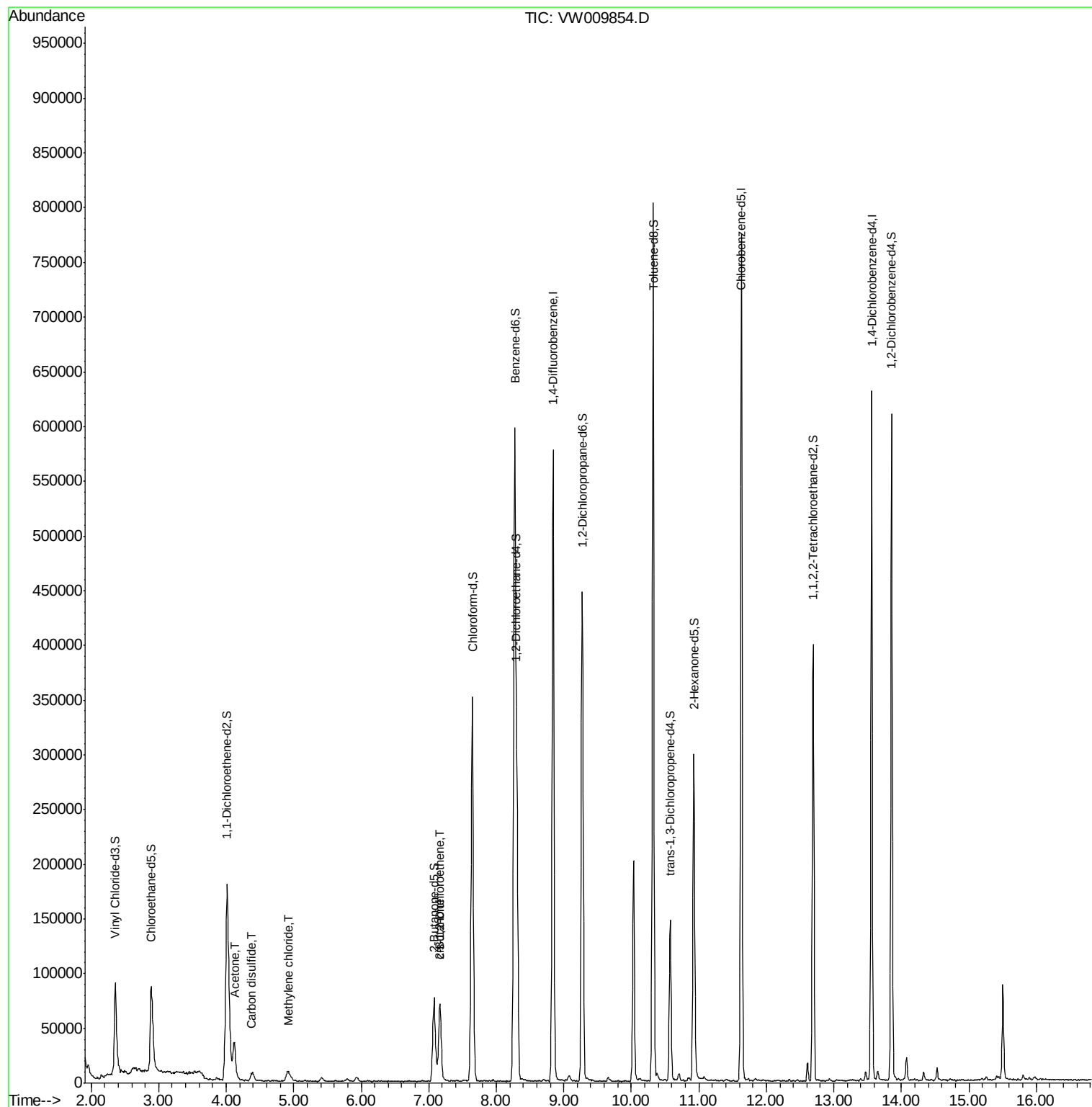
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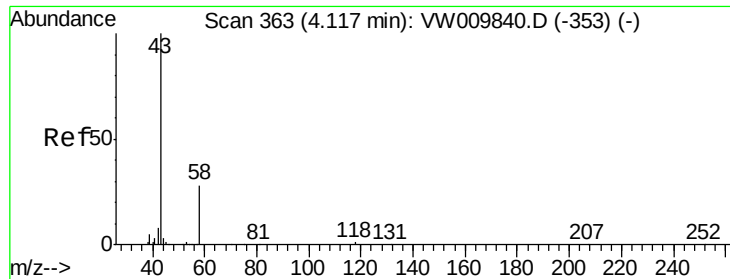
Instrument :
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Quant Title : VOC Analysis
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Response via : Initial Calibration





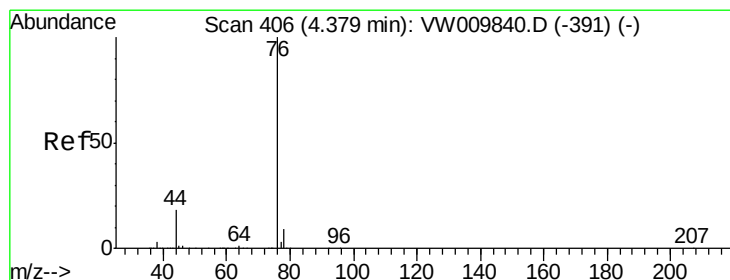
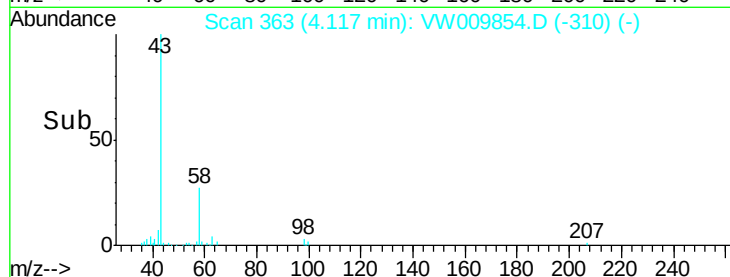
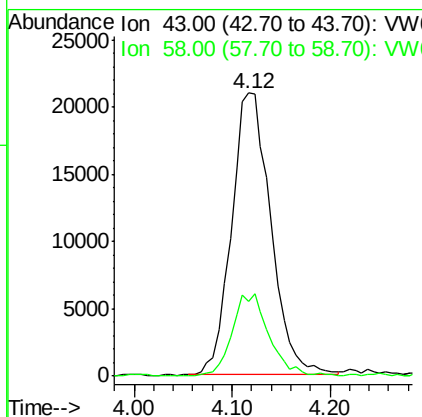
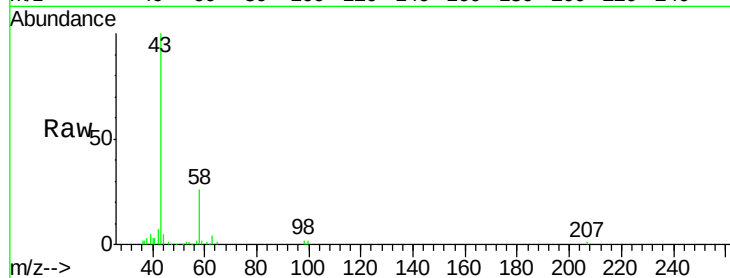
#13
Acetone
Concen: 29.820 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009854.D
Acq: 09 Apr 2019 23:12

Instrument :
MSVOA_W
ClientSampleId :
BF0N5

Tot Ion	Ratio	Lower	Upper
43	100		
58	27.4	0.0	53.0

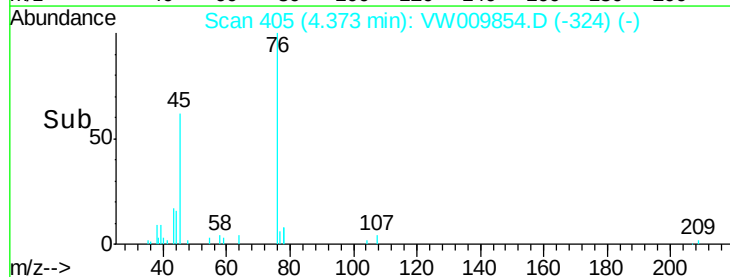
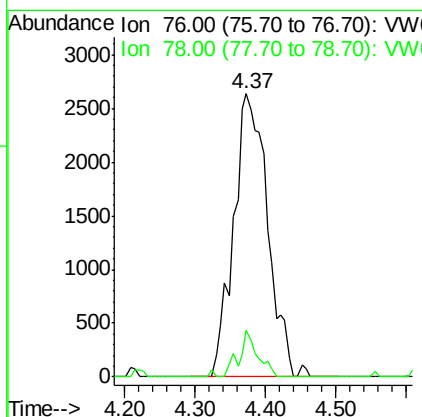
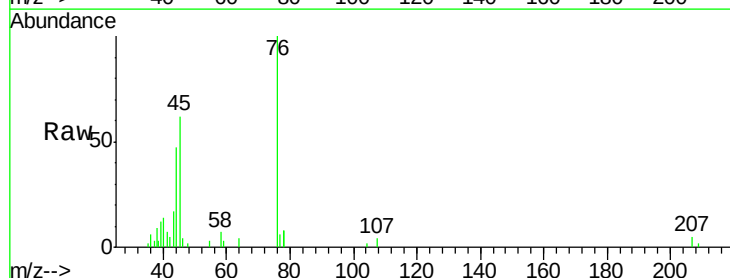
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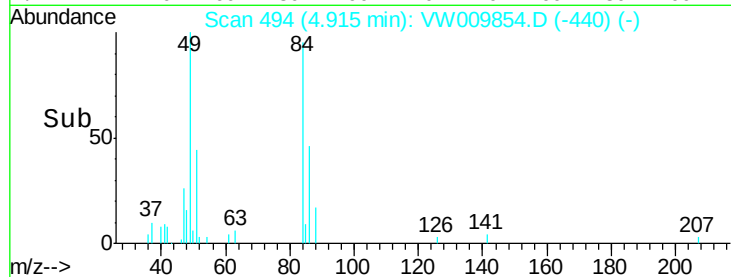
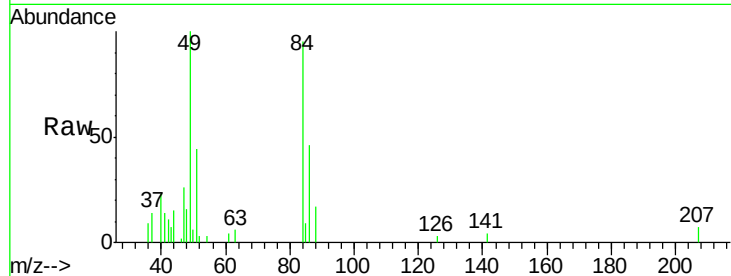
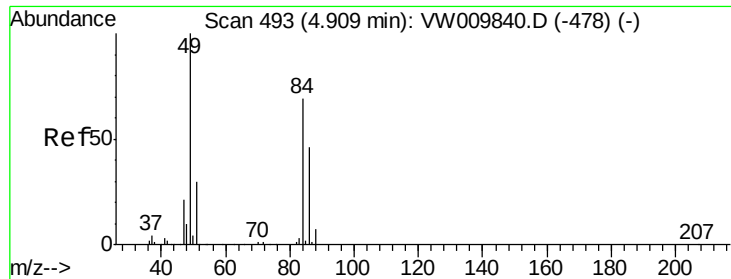
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#14
Carbon disulfide
Concen: 0.498 ug/L m
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW009854.D
Acq: 09 Apr 2019 23:12

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.3	10.9





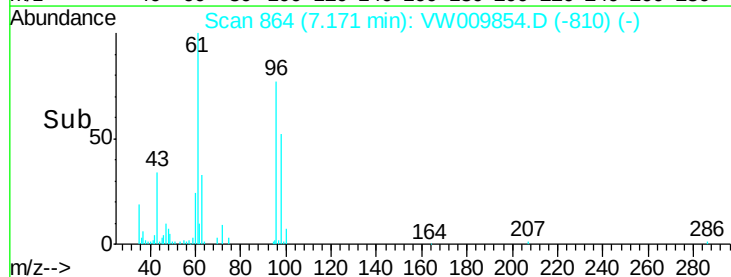
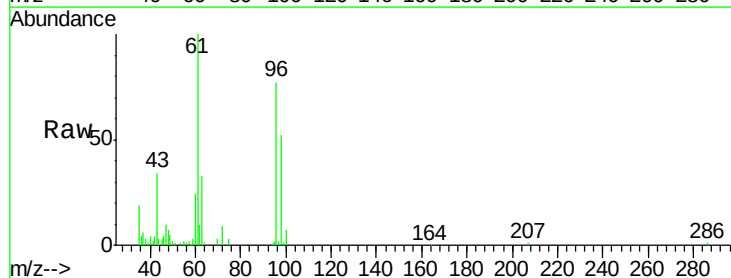
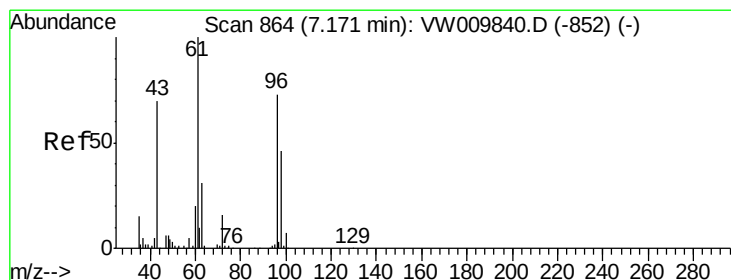
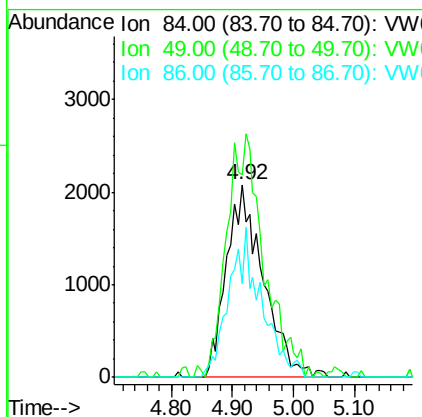
#16
Methylene chloride
Concen: 1.144 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009854.D
Acq: 09 Apr 2019 23:12

Tot Ion	84	Resp	8670
Ion	Ratio	Lower	Upper
84	100		
49	105.1	98.3	182.5
86	48.5	46.4	86.2

Instrument :
MSVOA_W
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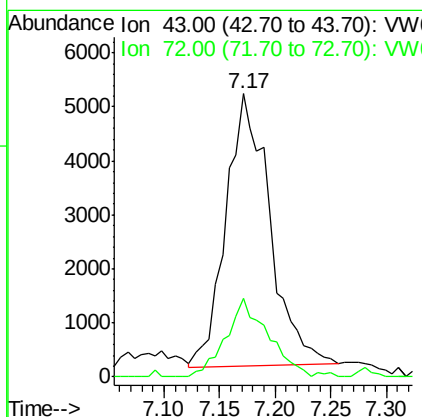
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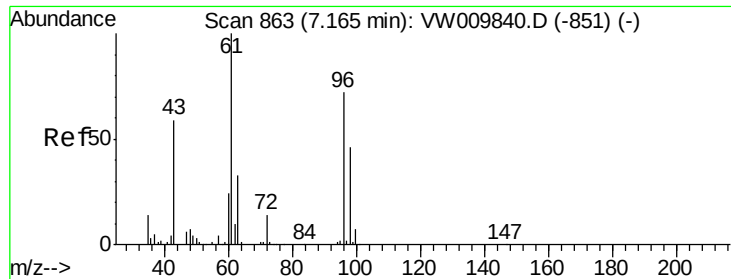
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#21
2-Butanone
Concen: 5.542 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009854.D
Acq: 09 Apr 2019 23:12

Tgt Ion	43	Resp	13791
Ion	Ratio	Lower	Upper
43	100		
72	27.5	12.0	36.1





#22

cis-1,2-Dichloroethene
 Concen: 5.093 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW009854.D
 Acq: 09 Apr 2019 23:12

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0N5

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.5	96.8	179.8
98	60.7	43.5	80.9

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