

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
 Data File : VW013832.D
 Acq On : 30 Oct 2019 12:53
 Operator : SY/VA
 Sample : K5565-06
 Misc : 1.44G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLNA5

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 11:48:24 AM

Quant Time: Oct 31 06:07:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	309450	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267518	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96763	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105449	27.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.08%
7) Chloroethane-d5	2.89	69	85907	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.96%
10) 1,1-Dichloroethene-d2	4.02	63	158024	18.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.36%
20) 2-Butanone-d5	7.07	46	66565	49.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.04%
24) Chloroform-d	7.65	84	218615	25.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	8.31	65	113779	25.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.52%
29) Benzene-d6	8.27	84	467466	29.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.32%
33) 1,2-Dichloropropane-d6	9.27	67	137506	28.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.60%
37) Toluene-d8	10.32	98	413039	27.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.44%
38) trans-1,3-Dichloropropene-	10.58	79	50921	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.08%
39) 2-Hexanone-d5	10.93	63	47479	51.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85086	21.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	82537	24.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.56%

Target Compounds

					Qvalue
13) Acetone	4.12	43	34839	23.116 ug/L	95
14) Carbon disulfide	4.39	76	12564	0.893 ug/L	100
16) Methylene chloride	4.93	84	12935m	2.183 ug/L	
21) 2-Butanone	7.17	43	17118m	8.945 ug/L	
44) Toluene	10.38	91	9894	0.480 ug/L	98

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

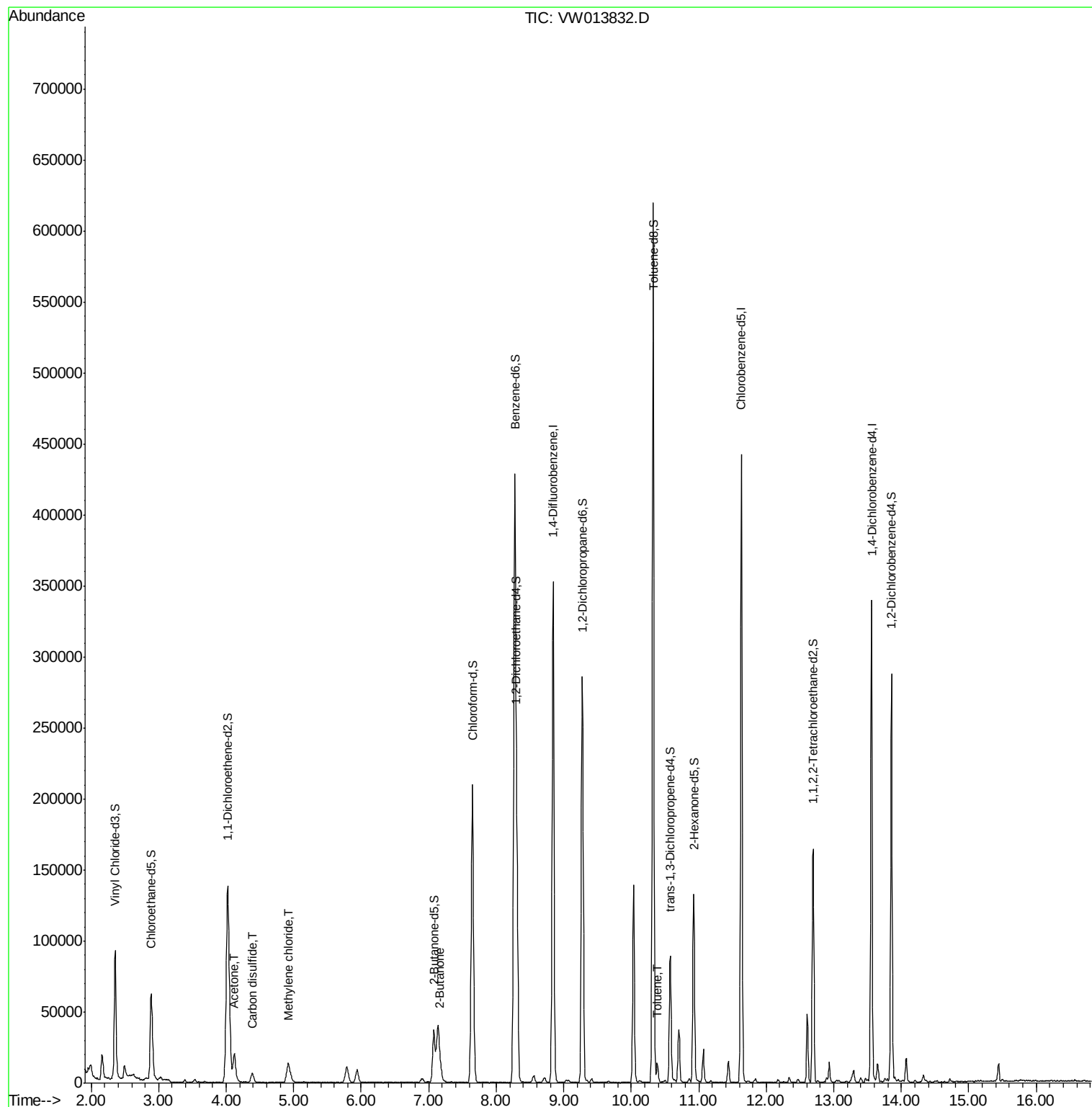
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
Data File : VW013832.D
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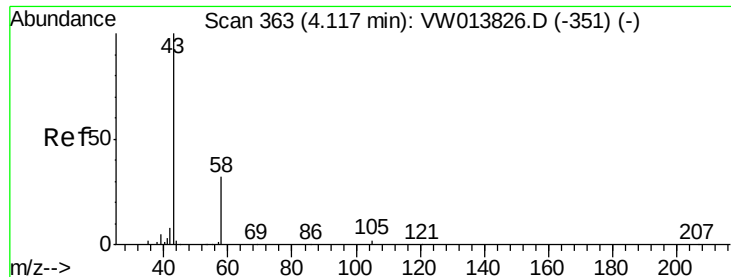
Instrument :
MSVOA_W
ClientSampleId :
JLNA5

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Quant Time: Oct 31 06:07:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 31 05:29:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 23.116 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013832.D

Acq: 30 Oct 2019 12:53

Instrument :

MSVOA_W

ClientSampled :

JLNA5

Tgt Ion: 43 Resp: 34839

Ion Ratio Lower Upper

43 100

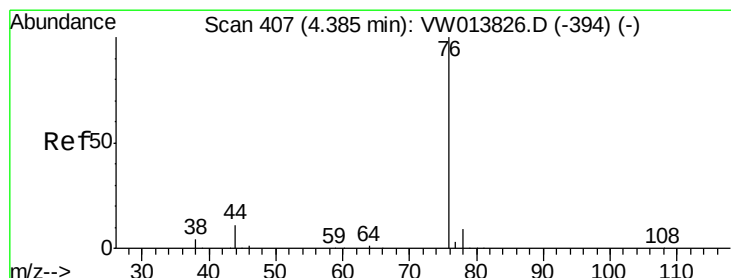
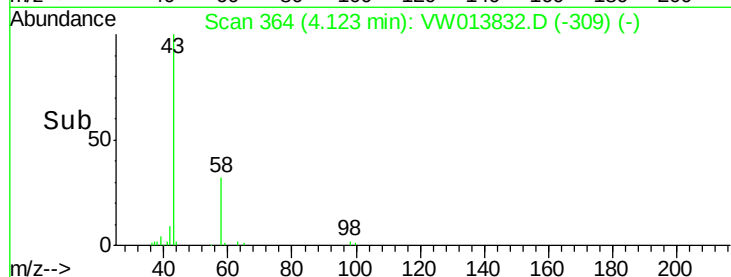
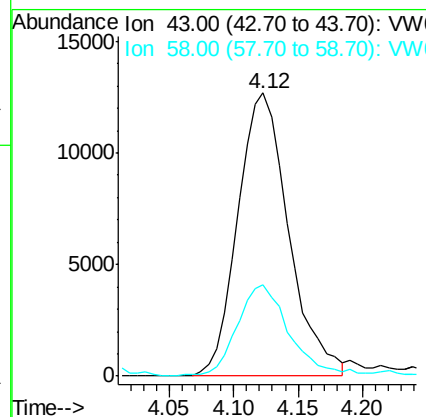
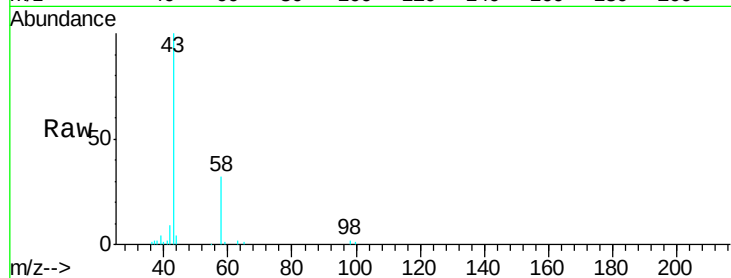
58 32.2 0.0 70.4

Manual Integrations

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#14

Carbon disulfide

Concen: 0.893 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW013832.D

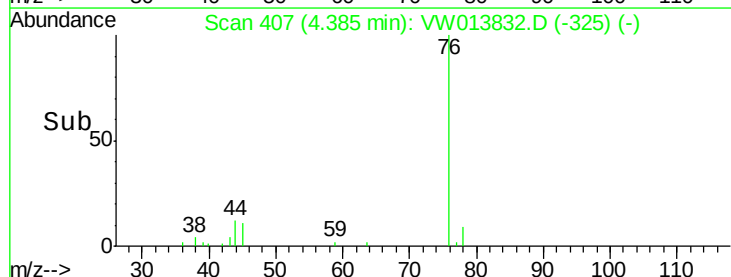
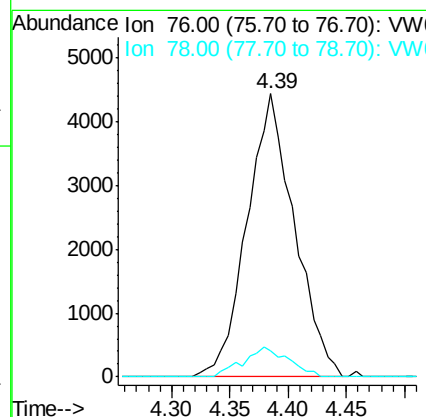
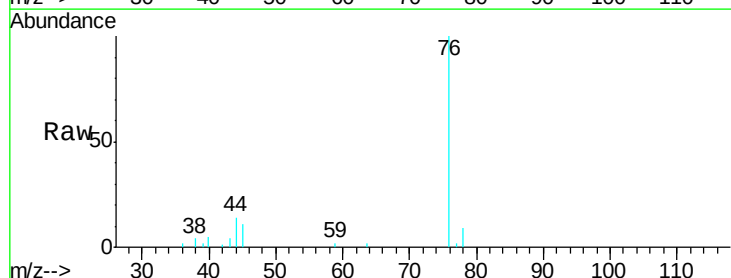
Acq: 30 Oct 2019 12:53

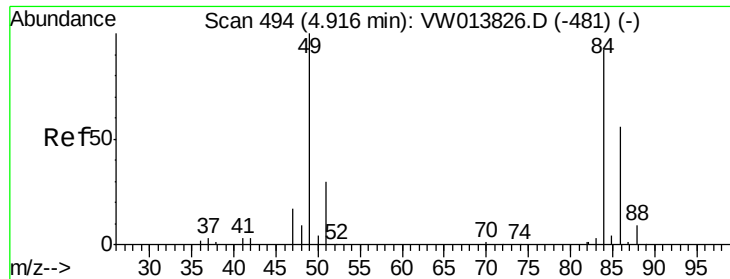
Tgt Ion: 76 Resp: 12564

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





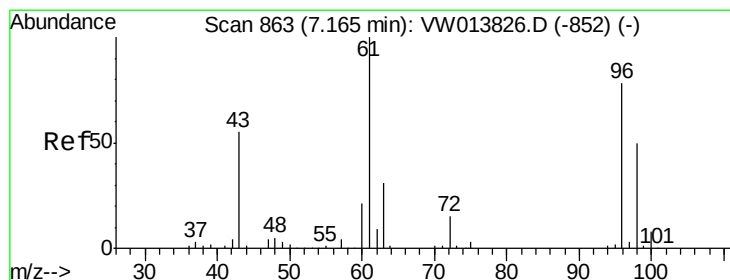
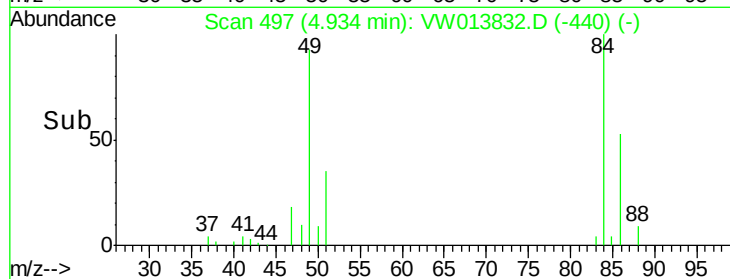
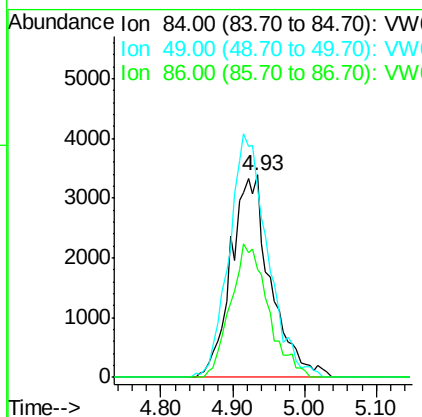
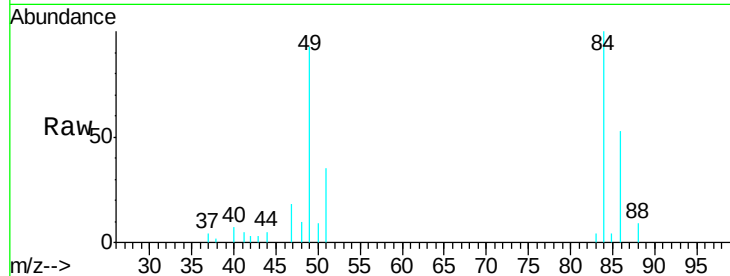
#16
Methylene chloride
Concen: 2.183 ug/L m
RT: 4.93 min Scan# 497
Delta R.T. 0.02 min
Lab File: VW013832.D
Acq: 30 Oct 2019 12:53

Instrument :
MSVOA_W
ClientSampled :
JLNA5

Tgt Ion: 84 Resp: 12935
Ion Ratio Lower Upper
84 100
49 93.0 80.2 148.9
86 53.4 42.7 79.3

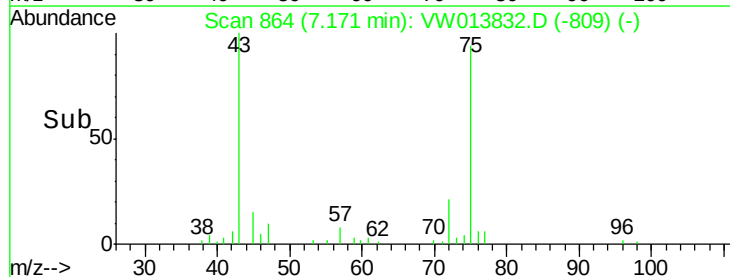
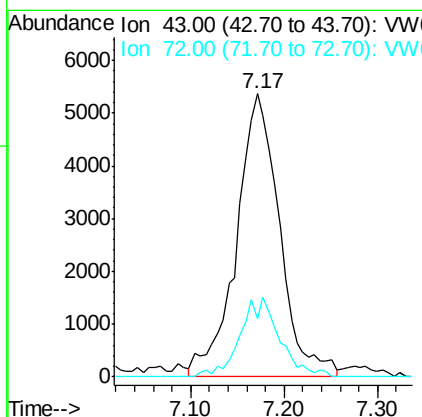
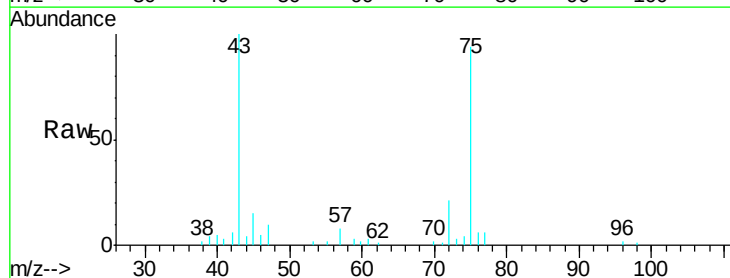
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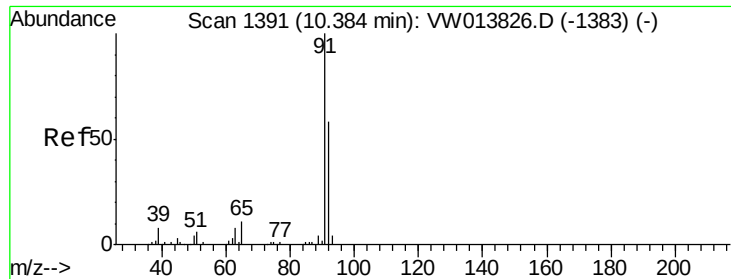
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#21
2-Butanone
Concen: 8.945 ug/L m
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW013832.D
Acq: 30 Oct 2019 12:53

Tgt Ion: 43 Resp: 17118
Ion Ratio Lower Upper
43 100
72 0.5 13.7 41.1#





#44
Toluene
Concen: 0.480 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW013832.D
Acq: 30 Oct 2019 12:53

Instrument :
MSVOA_W
ClientSampleId :
JLNA5

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.3	42.0	78.0

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