

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013857.D
 Acq On : 31 Oct 2019 15:07
 Operator : SY/VA
 Sample : K5596-20
 Misc : 4.80G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQC1

Manual Integrations
 APPROVED

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 11/1/2019 12:05:37 PM

Quant Time: Nov 01 03:34:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	318993	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311948	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163125	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	91868	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.68%
7) Chloroethane-d5	2.89	69	77306	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.40%
10) 1,1-Dichloroethene-d2	4.01	63	143586	14.78	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.12%
20) 2-Butanone-d5	7.07	46	65373	38.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.60%
24) Chloroform-d	7.65	84	214013	21.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.68%
26) 1,2-Dichloroethane-d4	8.31	65	113908m	21.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.84%
29) Benzene-d6	8.27	84	447542	22.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.56%
33) 1,2-Dichloropropane-d6	9.27	67	139950	23.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.40%
37) Toluene-d8	10.32	98	409806	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.80%
38) trans-1,3-Dichloropropene-	10.57	79	51537	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.40%
39) 2-Hexanone-d5	10.92	63	53954	38.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112215	20.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	145885	23.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	28670	17.949	ug/L	71
21) 2-Butanone	7.18	43	6659m	2.905	ug/L	
34) Benzene	8.32	78	7586	0.351	ug/L	100
44) Toluene	10.39	91	13056	0.559	ug/L	96
54) m,p-Xylene	11.83	106	3367	0.334	ug/L	65

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

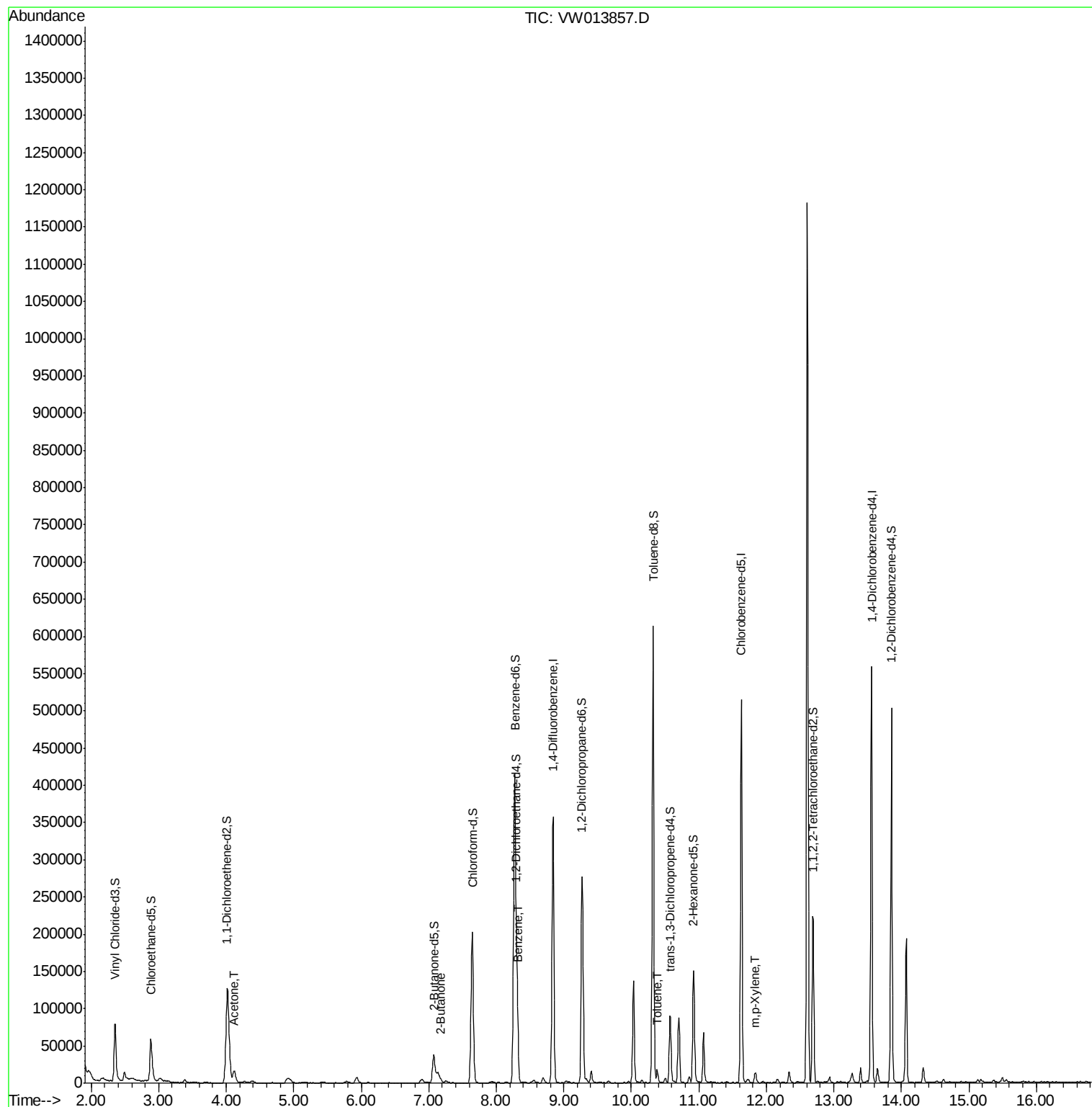
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
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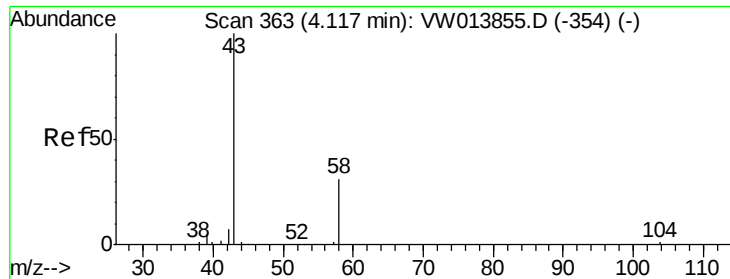
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Nov 01 03:34:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 02:10:29 2019
Response via : Initial Calibration





#13

Acetone

Concen: 17.949 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW013857.D

Acq: 31 Oct 2019 15:07

Instrument :

MSVOA_W

ClientSampled :

GAQC1

Tgt Ion: 43 Resp: 28670

Ion Ratio Lower Upper

43 100

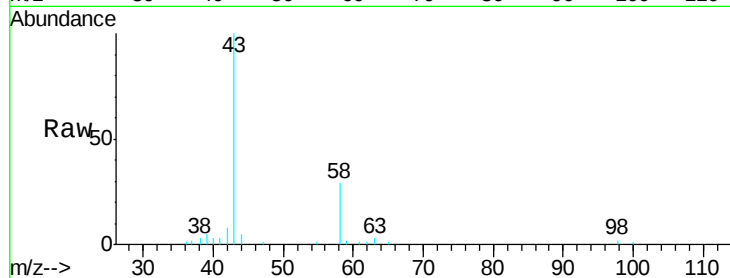
58 15.5 0.0 63.4

Manual Integrations

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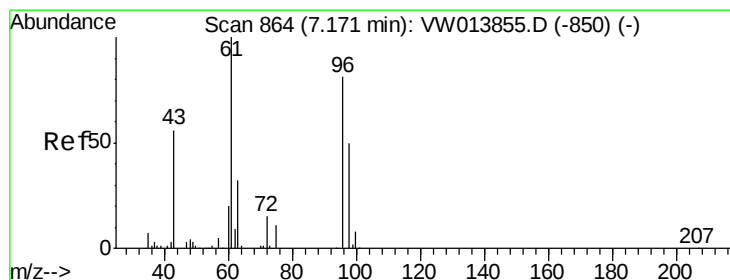
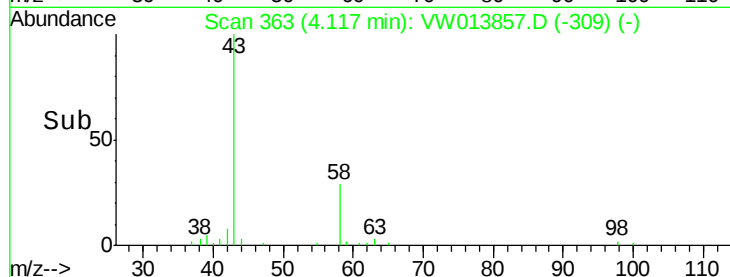
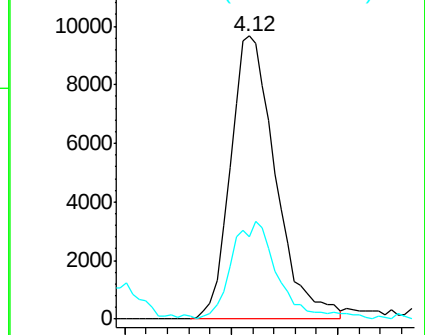
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 2.905 ug/L m

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW013857.D

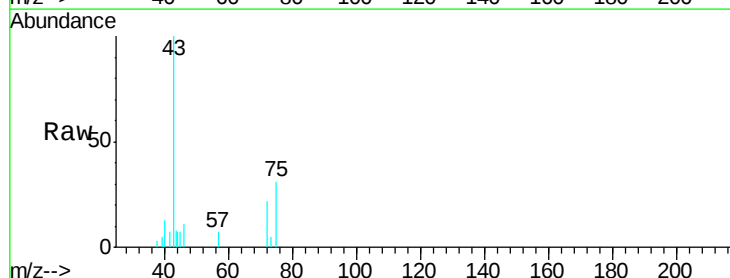
Acq: 31 Oct 2019 15:07

Tgt Ion: 43 Resp: 6659

Ion Ratio Lower Upper

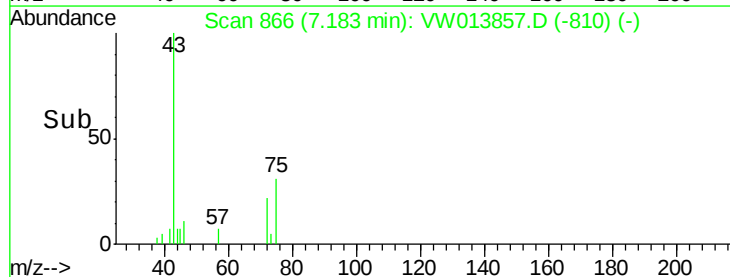
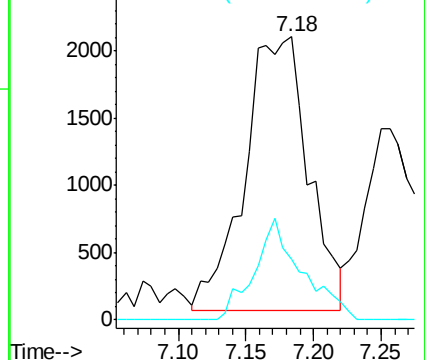
43 100

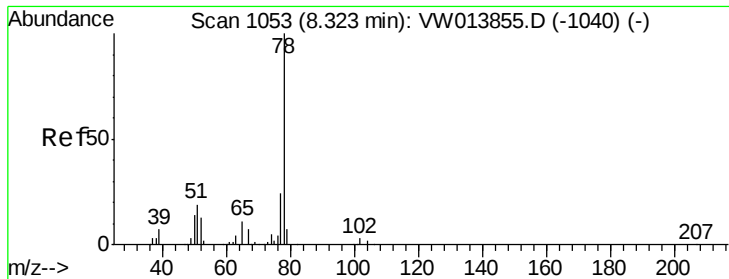
72 15.0 14.0 41.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#34

Benzene

Concen: 0.351 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW013857.D

Acq: 31 Oct 2019 15:07

Instrument :

MSVOA_W

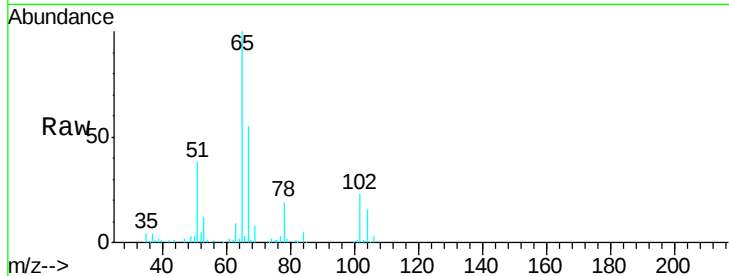
ClientSampleId :

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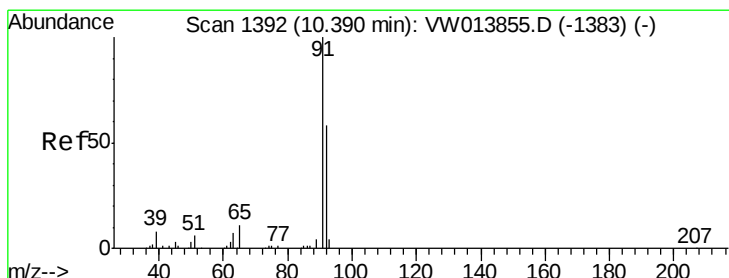
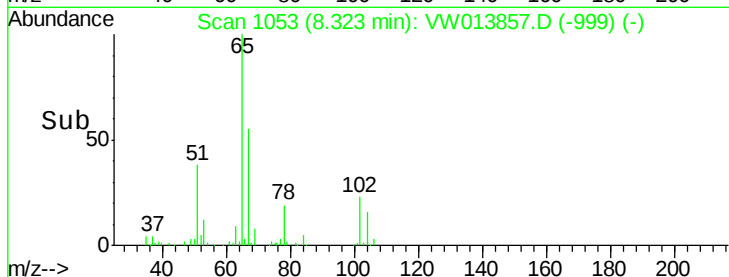
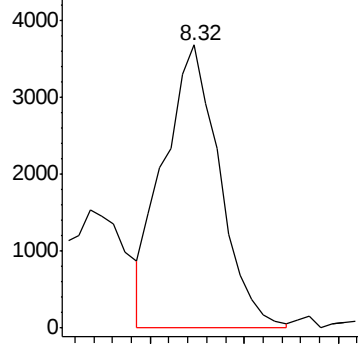
Tgt Ion: 78 Resp: 7586

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Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 0.559 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW013857.D

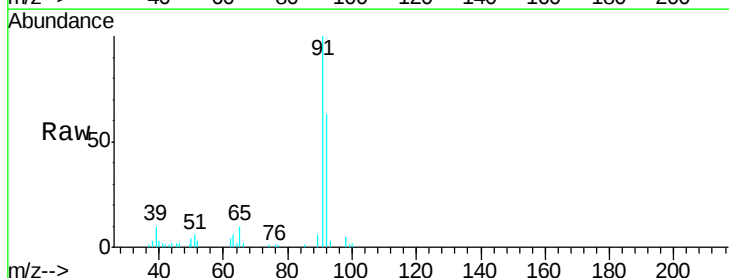
Acq: 31 Oct 2019 15:07

Tgt Ion: 91 Resp: 13056

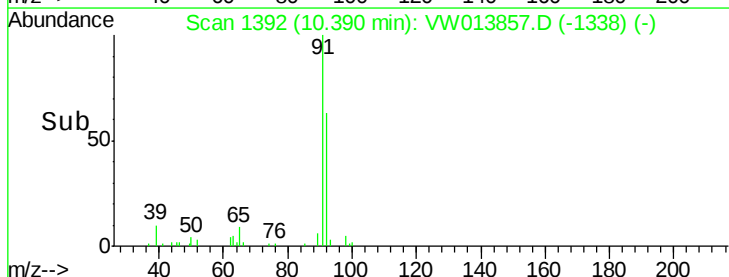
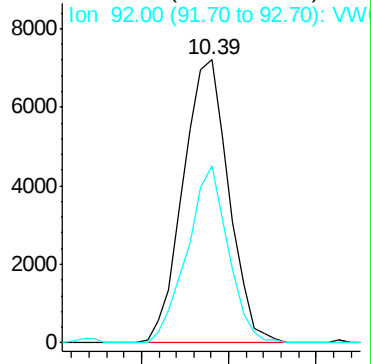
Ion Ratio Lower Upper

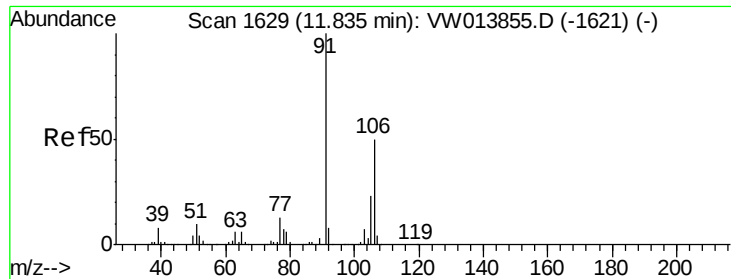
91 100

92 62.7 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW





#54

m,p-Xylene

Concen: 0.334 ug/L

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW013857.D

Acq: 31 Oct 2019 15:07

Instrument :

MSVOA_W

ClientSampleId :

GAQC1

Tgt Ion:106 Resp: 3367

Ion Ratio Lower Upper

106 100

91 142.5 136.6 253.8

Manual Integrations

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