

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102620\
 Data File : VW016992.D
 Acq On : 26 Oct 2020 12:37
 Operator : SY/VA
 Sample : L4502-11
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG438

Manual Integrations
 APPROVED

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 10/27/2020 3:34:45 PM

Quant Time: Oct 27 08:40:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	415844	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337017	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118905	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118591	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
7) Chloroethane-d5	2.89	69	93127	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.16%
10) 1,1-Dichloroethene-d2	4.03	63	165493	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.92%
20) 2-Butanone-d5	7.08	46	57868	64.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.02%
24) Chloroform-d	7.65	84	240198	25.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.16%
26) 1,2-Dichloroethane-d4	8.31	65	124379	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.20%
29) Benzene-d6	8.28	84	488866	28.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.96%
33) 1,2-Dichloropropane-d6	9.28	67	140145	29.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.96%
37) Toluene-d8	10.33	98	438086	26.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.52%
38) trans-1,3-Dichloropropene-	10.58	79	54732	27.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.40%
39) 2-Hexanone-d5	10.93	63	47463	72.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.68%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110187	30.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.80%#
61) 1,2-Dichlorobenzene-d4	13.85	152	107359	25.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.76%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	2760	0.460 ug/L #	1
13) Acetone	4.13	43	5080	8.351 ug/L	74
14) Carbon disulfide	4.38	76	10794m	0.654 ug/L	
16) Methylene chloride	4.93	84	5153	0.937 ug/L	90
43) 4-Methyl-2-pentanone	10.21	43	2697	1.368 ug/L #	94

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

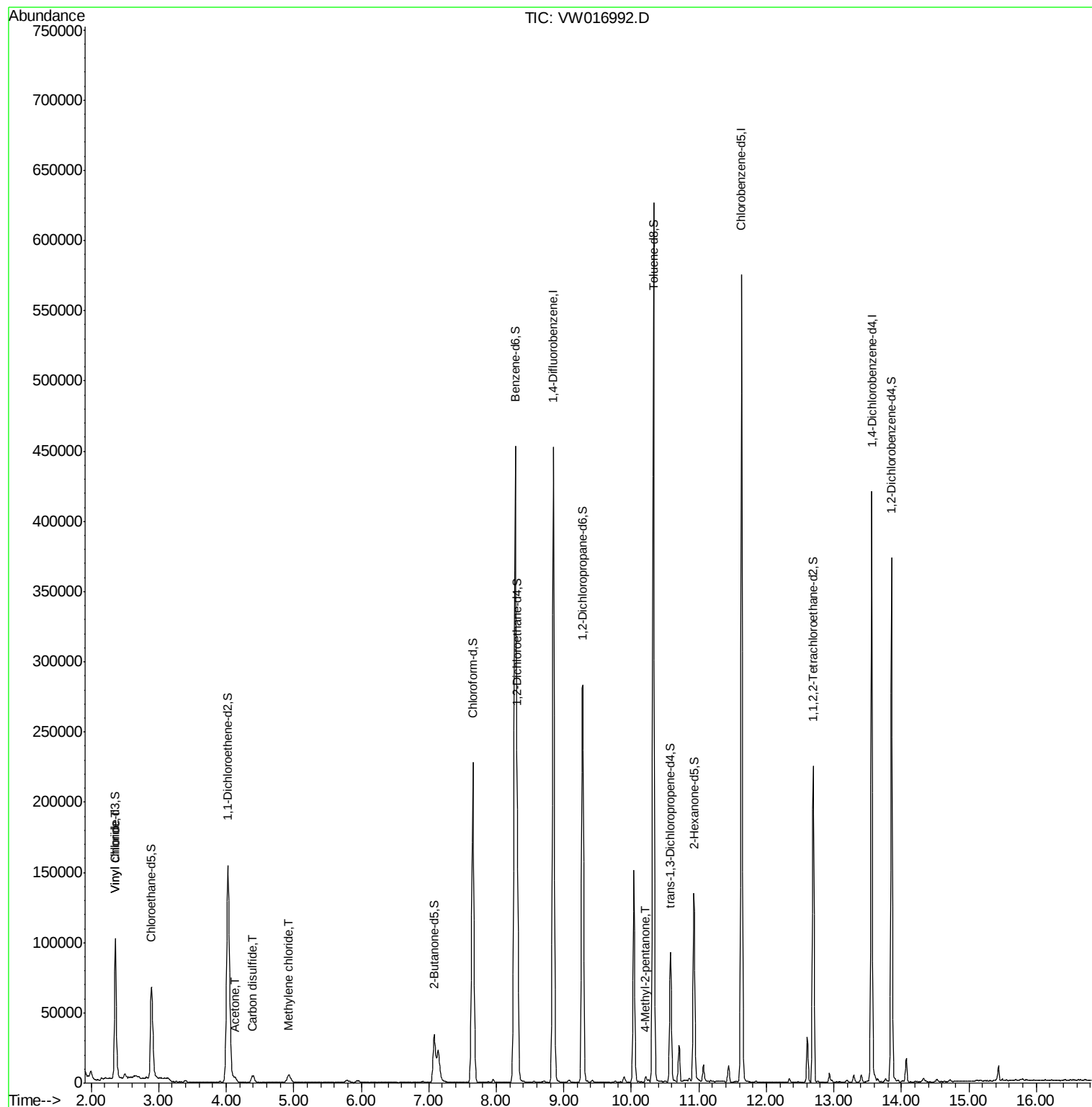
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102620\
Data File : VW016992.D
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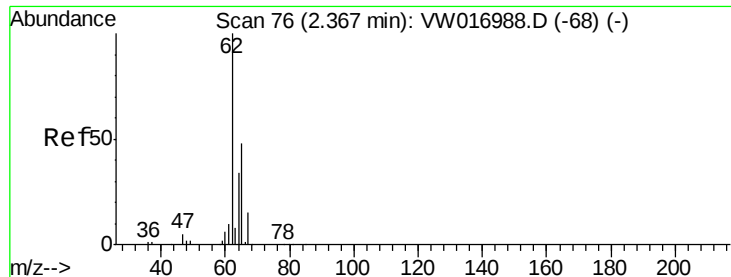
Instrument :
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Quant Time: Oct 27 08:40:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 27 08:16:51 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.460 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016992.D

Acq: 26 Oct 2020 12:37

Instrument :

MSVOA_W

ClientSampleId :

BG438

Tot Ion: 62 Resp: 2760

Ion Ratio Lower Upper

62 100

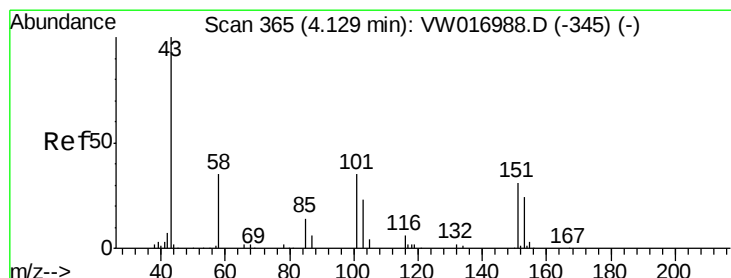
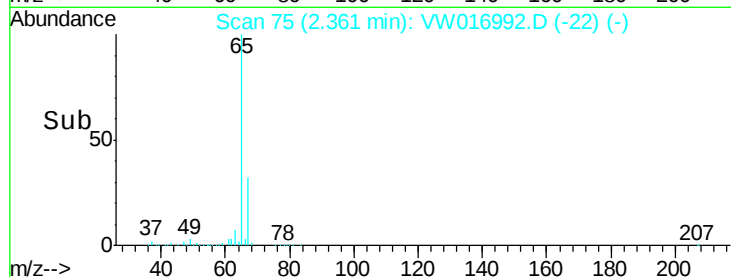
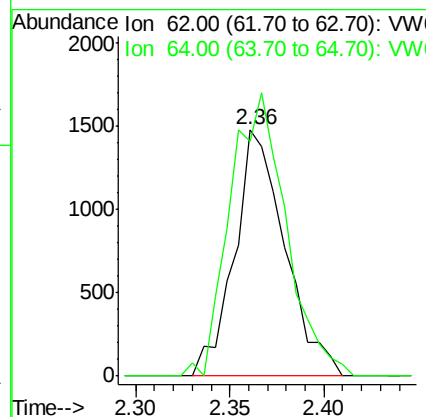
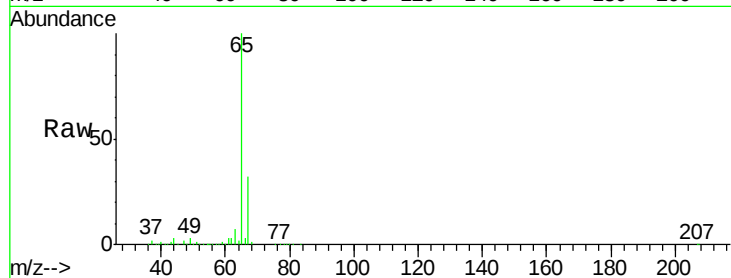
64 95.2 24.1 44.7#

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#13

Acetone

Concen: 8.351 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW016992.D

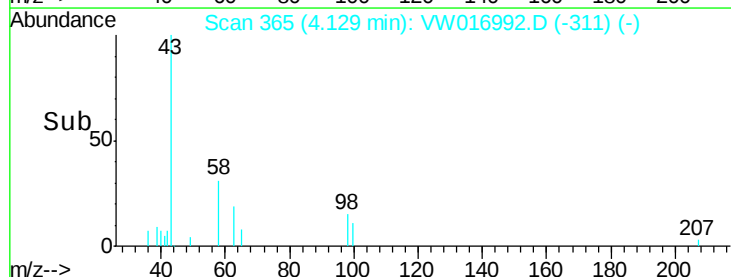
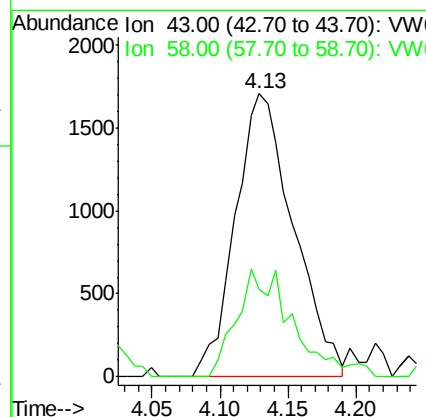
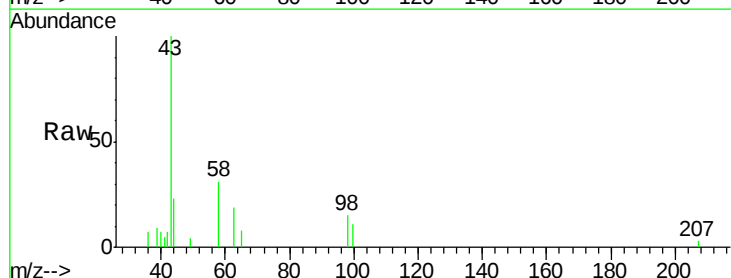
Acq: 26 Oct 2020 12:37

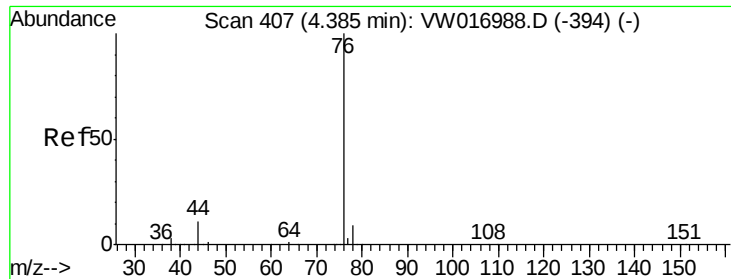
Tgt Ion: 43 Resp: 5080

Ion Ratio Lower Upper

43 100

58 19.7 0.0 69.8





#14

Carbon disulfide

Concen: 0.654 ug/L m

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW016992.D

Acq: 26 Oct 2020 12:37

Instrument :

MSVOA_W

ClientSampleId :

BG438

Tot Ion: 76 Resp: 10794

Ion Ratio Lower Upper

76 100

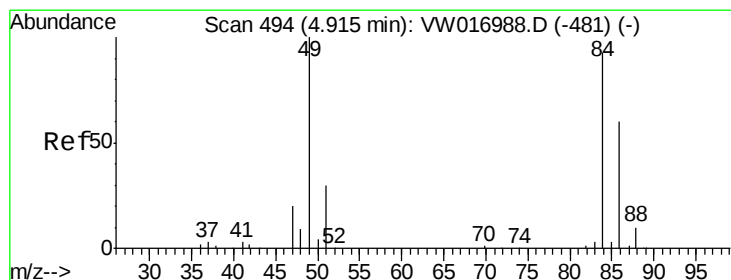
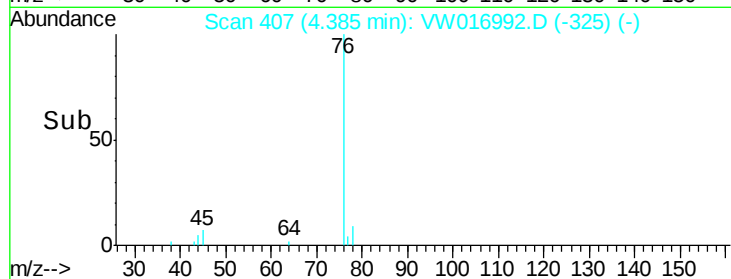
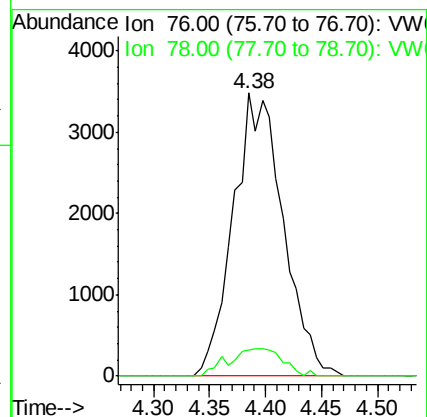
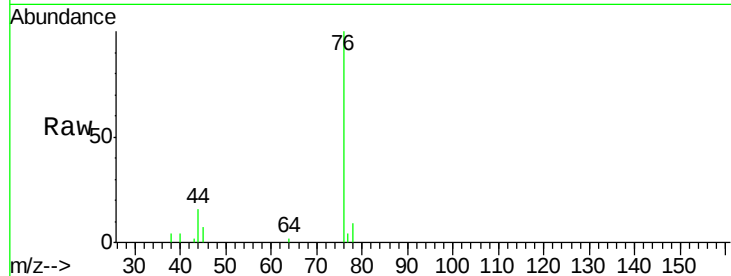
78 9.4 7.3 10.9

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#16

Methylene chloride

Concen: 0.937 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016992.D

Acq: 26 Oct 2020 12:37

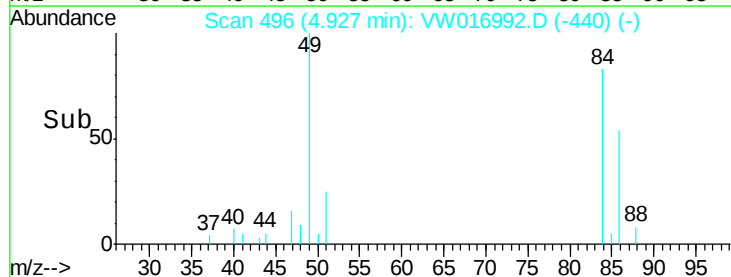
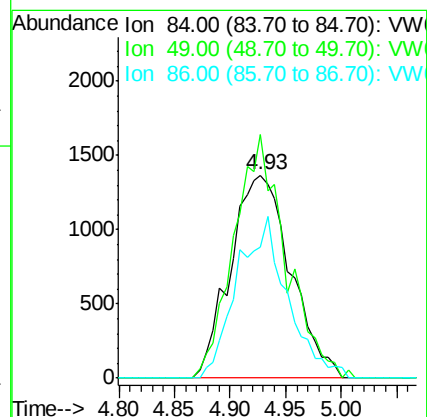
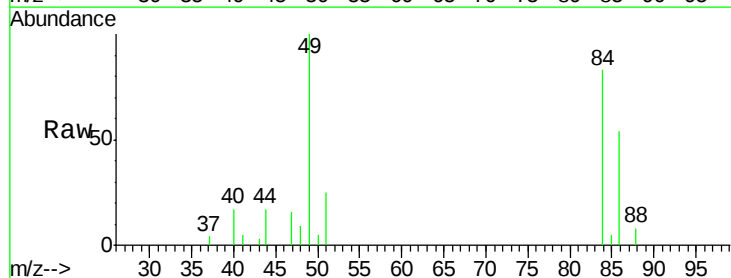
Tgt Ion: 84 Resp: 5153

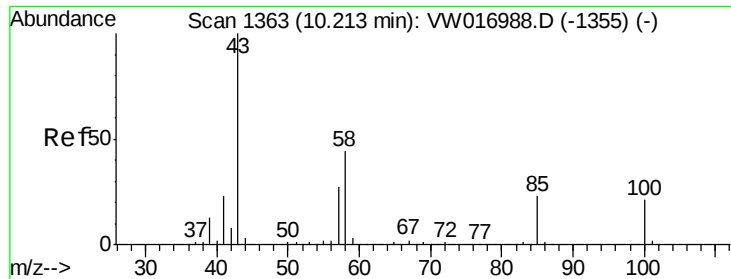
Ion Ratio Lower Upper

84 100

49 120.0 73.8 137.0

86 64.6 47.4 88.0





#43
 4-Methyl-2-pentanone
 Concen: 1.368 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW016992.D
 Acq: 26 Oct 2020 12:37

Instrument :
 MSVOA_W
 ClientSampleID :
 BG438

Tot Ion	Ratio	Lower	Upper
43	100		
58	45.5	34.4	51.6
100	24.5	16.2	24.2

Manual Integrations
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