

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
 Data File : VY003740.D
 Acq On : 11 Dec 2020 20:14
 Operator : SY/MD
 Sample : L5063-08
 Misc : 4.71G/10ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AE0

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:13:29 AM

Quant Time: Dec 12 05:15:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 10:03:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	290091	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	191591	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	45796	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	75014	18.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.16%
7) Chloroethane-d5	2.77	69	69931	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
10) 1,1-Dichloroethene-d2	3.86	63	131546	17.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.16%
20) 2-Butanone-d5	6.90	46	85002	58.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.24%
24) Chloroform-d	7.49	84	184156	24.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.68%
26) 1,2-Dichloroethane-d4	8.15	65	109991	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.76%
29) Benzene-d6	8.12	84	362398	32.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.68%
33) 1,2-Dichloropropane-d6	9.12	67	115339	35.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	140.56%#
37) Toluene-d8	10.18	98	265648	26.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.88%
38) trans-1,3-Dichloropropene-	10.44	79	50249	32.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	128.12%
39) 2-Hexanone-d5	10.79	63	60797	73.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.86%#
48) 1,1,2,2-Tetrachloroethane-	12.56	84	80240	27.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.76%
61) 1,2-Dichlorobenzene-d4	13.72	152	41245	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

					Ovalue	
13) Acetone	3.97	43	6666m	6.218	ug/L	
16) Methylene chloride	4.73	84	6926	1.360	ug/L	92
44) Toluene	10.25	91	7761	0.671	ug/L	91
54) m,p-Xylene	11.70	106	1649	0.339	ug/L	84
55) o-xylene	12.03	106	865	0.185	ug/L	100

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

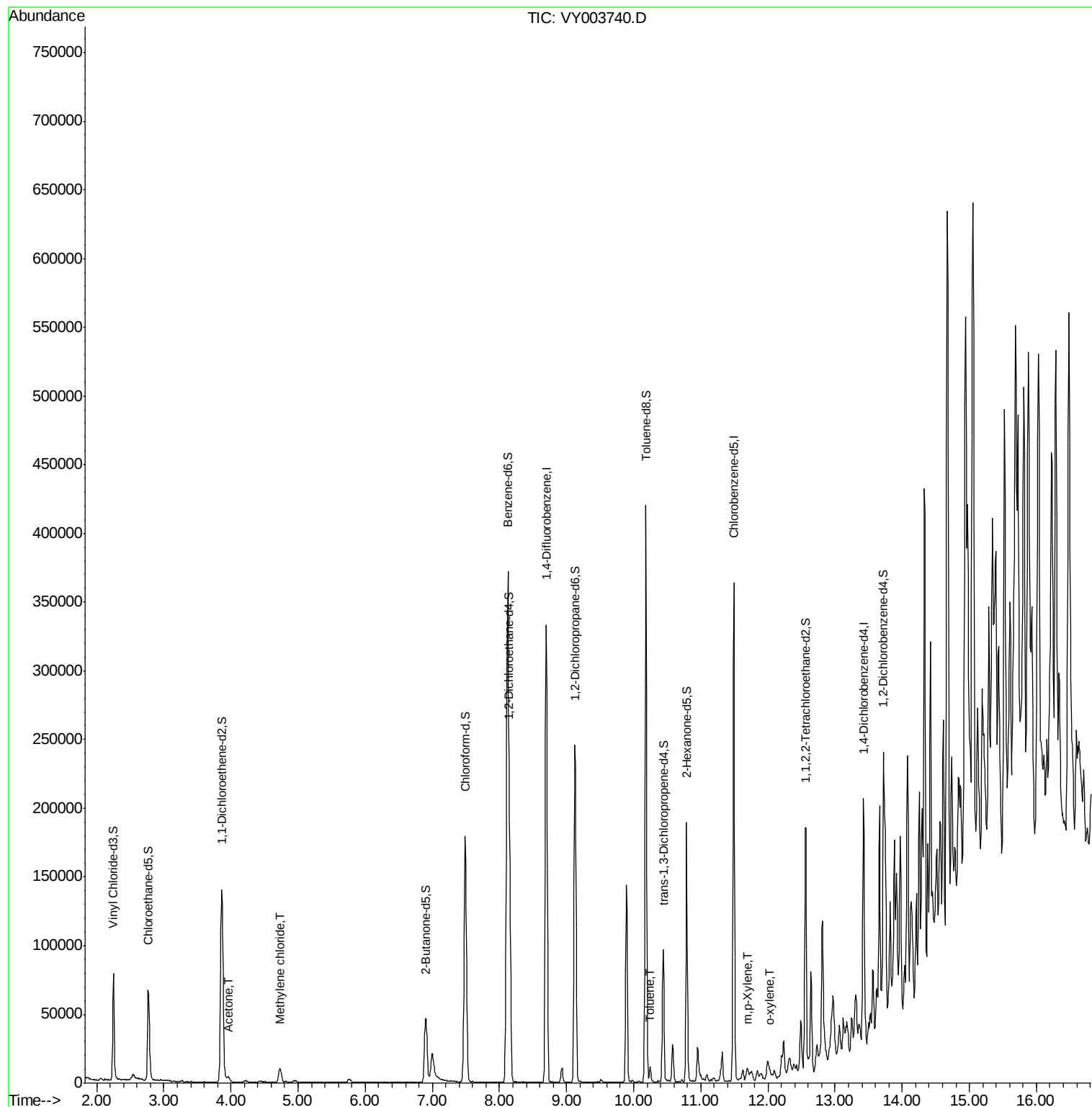
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
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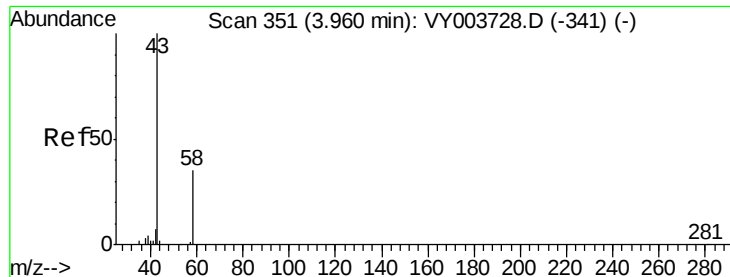
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 10:03:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.218 ug/L m

RT: 3.97 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY003740.D

Acq: 11 Dec 2020 20:14

Tot Ion: 43 Resp: 6666

Ion Ratio Lower Upper

43 100

58 29.3 0.0 68.8

Instrument :

MSVOA_Y

ClientSampled :

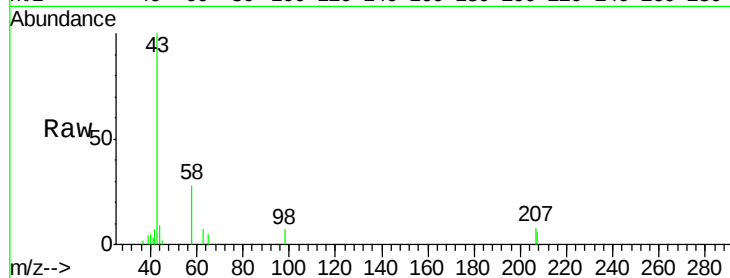
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Manual Integrations

APPROVED

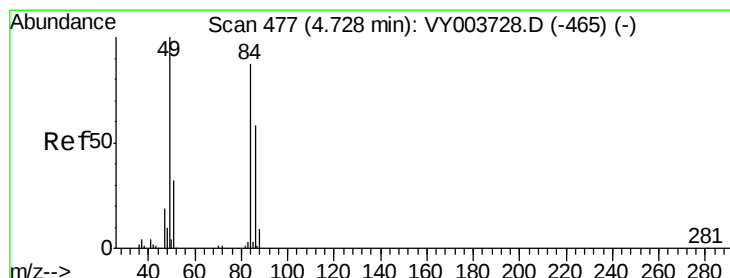
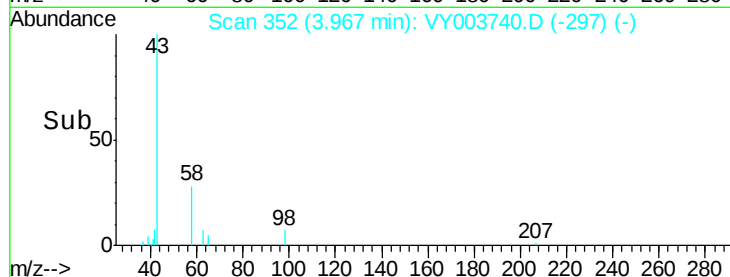
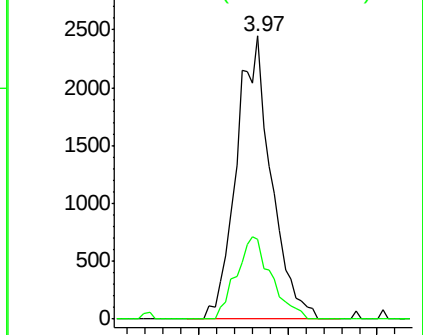
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#16

Methylene chloride

Concen: 1.360 ug/L

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VY003740.D

Acq: 11 Dec 2020 20:14

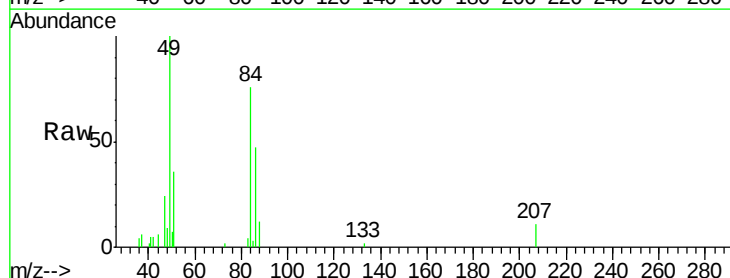
Tgt Ion: 84 Resp: 6926

Ion Ratio Lower Upper

84 100

49 132.2 83.7 155.4

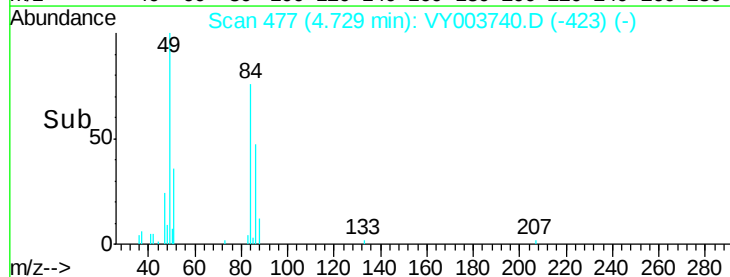
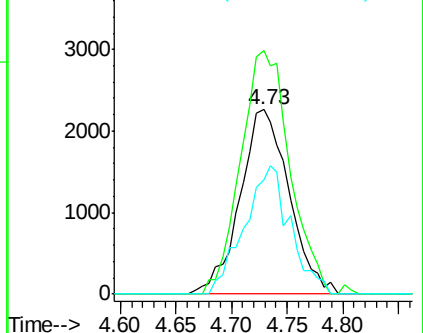
86 62.2 45.0 83.6

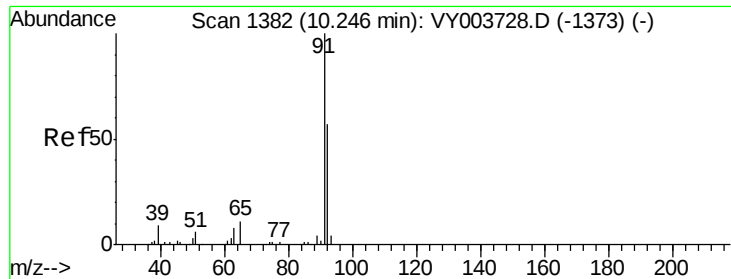


Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

Ion 86.00 (85.70 to 86.70): VY0





#44

Toluene

Concen: 0.671 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VY003740.D

Acq: 11 Dec 2020 20:14

Instrument :

MSVOA_Y

ClientSampleId :

C0AE0

Tot Ion: 91 Resp: 7761

Ion Ratio Lower Upper

91 100

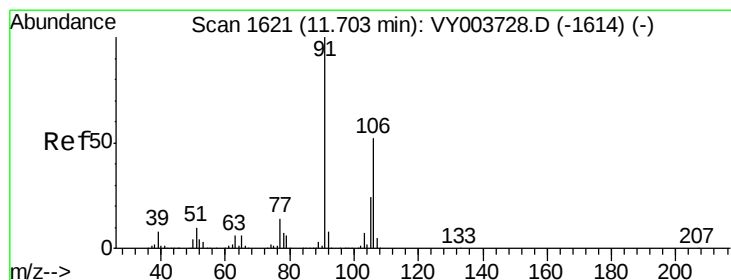
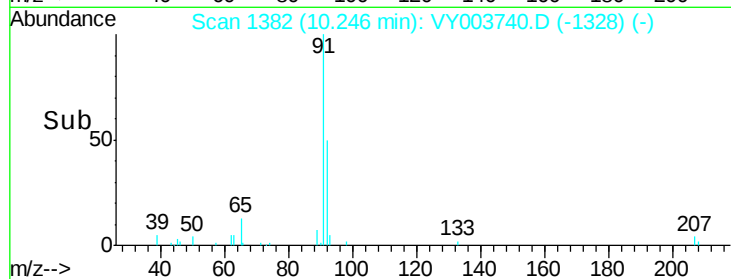
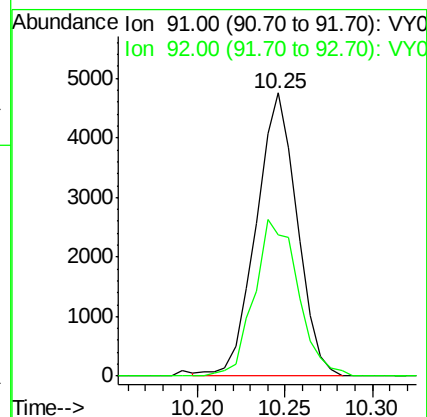
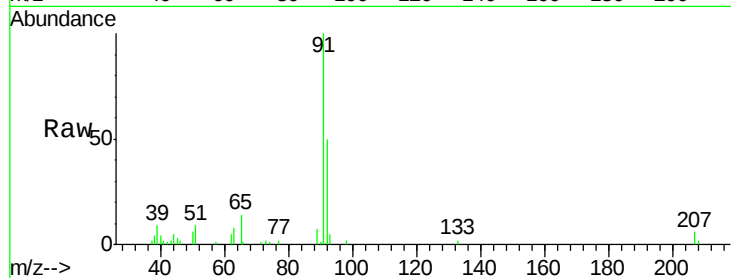
92 49.9 39.8 73.8

Manual Integrations

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#54

m,p-Xylene

Concen: 0.339 ug/L

RT: 11.70 min Scan# 1620

Delta R.T. -0.01 min

Lab File: VY003740.D

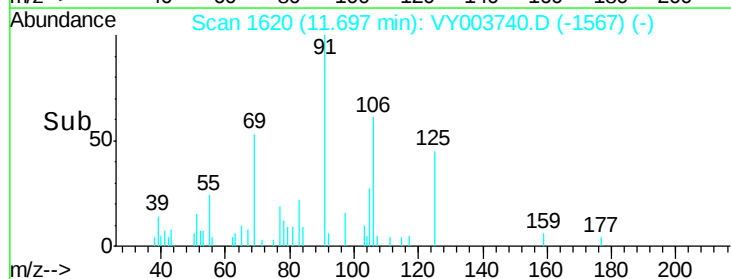
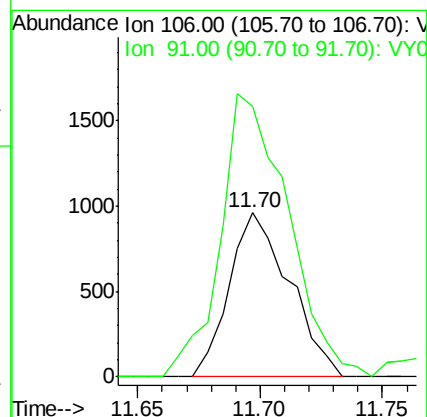
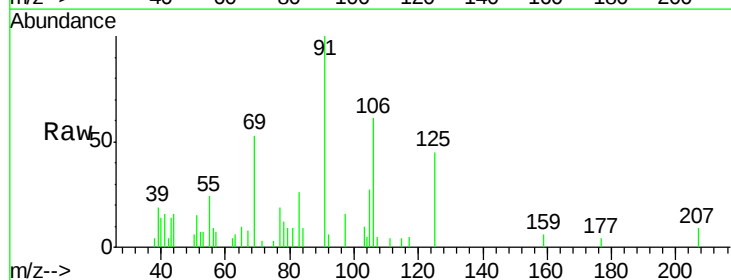
Acq: 11 Dec 2020 20:14

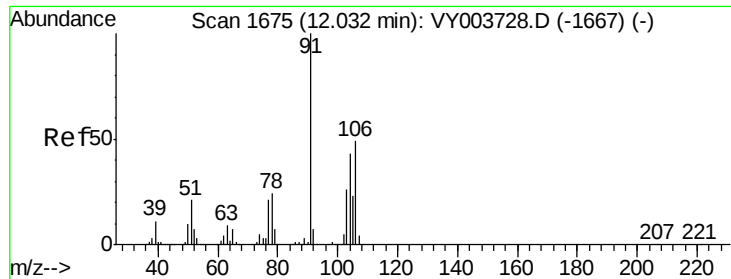
Tgt Ion: 106 Resp: 1649

Ion Ratio Lower Upper

106 100

91 164.7 131.3 243.9





#55
o-xylene
Concen: 0.185 ug/L
RT: 12.03 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VY003740.D
Acq: 11 Dec 2020 20:14

Instrument :
MSVOA_Y
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.9	141.7	263.3

Manual Integrations
APPROVED

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