

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120920\
 Data File : VU041515.D
 Acq On : 09 Dec 2020 15:23
 Operator : SY/MD
 Sample : L4979-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1G6

Manual Integrations
 APPROVED

MMDadoda
 12/12/2020 12:59:59 PM

Quant Time: Dec 10 06:43:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 10 04:45:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	44696	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	40118	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	20468	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	7553	3.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.80%
7) Chloroethane-d5	1.92	69	8181	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.58	63	15354	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.65	46	41706	48.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.90%
24) Chloroform-d	5.08	84	29936	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	21434	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.74	84	43232	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.70	67	12508	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	36451	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.19	79	7510	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.64	63	29603	45.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	12725	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	18227	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds					Ovalue
13) Acetone	2.66	43	12883	19.222 ug/L	95
14) Carbon disulfide	2.81	76	1640	0.203 ug/L #	88
21) 2-Butanone	4.74	43	2066m	2.464 ug/L	
42) Toluene	7.98	91	3519	0.315 ug/L	98
52) Ethylbenzene	9.57	91	1381	0.108 ug/L	99

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

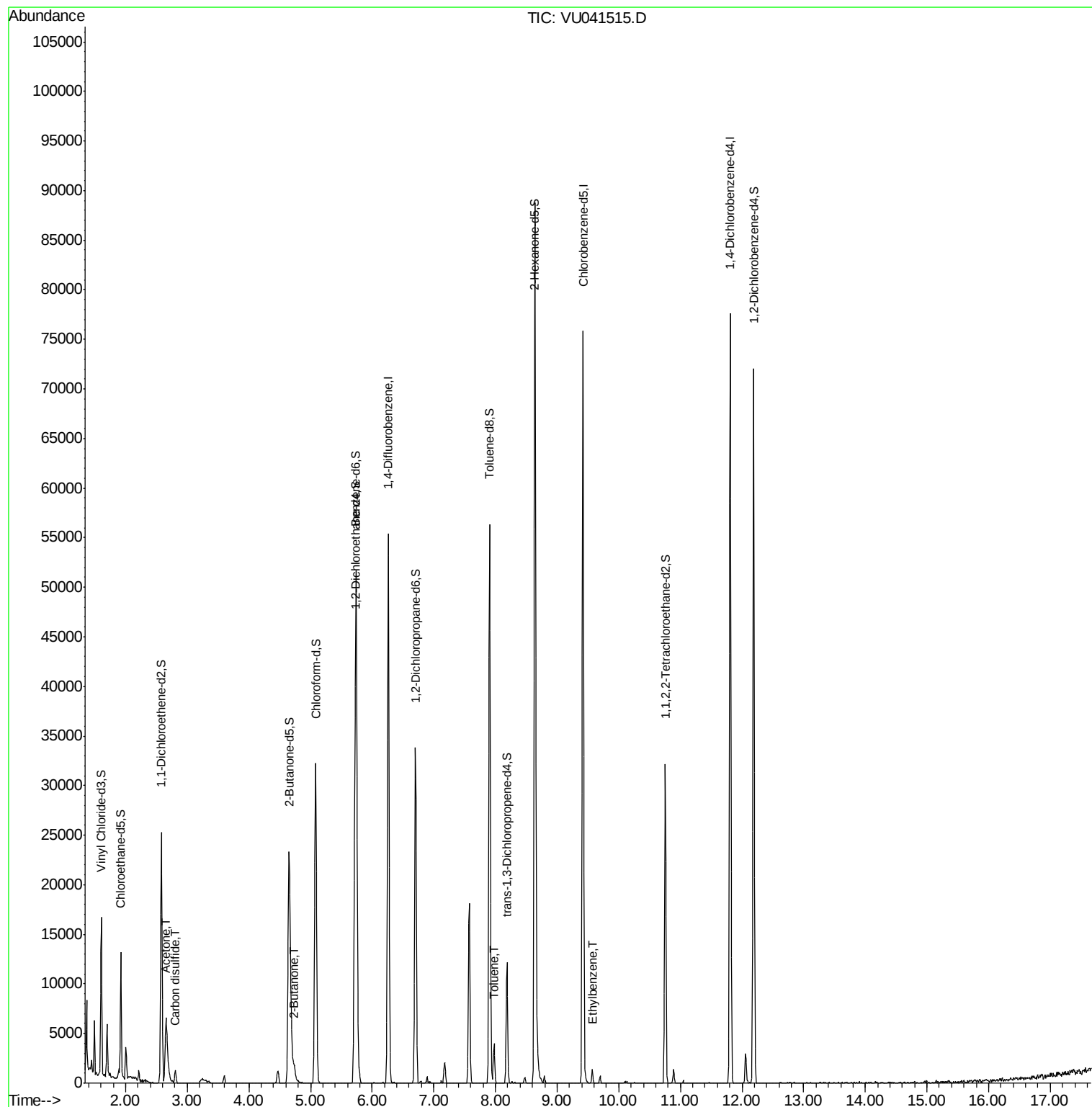
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120920\
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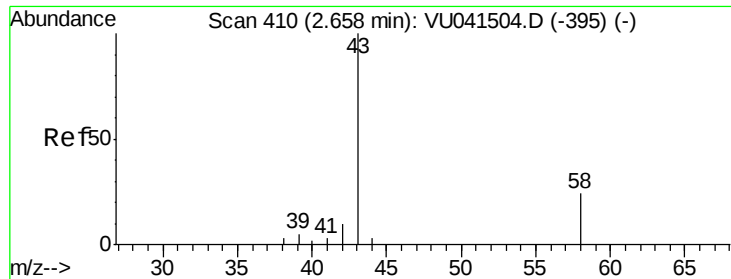
Instrument :
MSVOA_U
ClientSampleId :
GB1G6

Manual Integrations
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Quant Time: Dec 10 06:43:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 10 04:45:04 2020
Response via : Initial Calibration





#13

Acetone

Concen: 19.222 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU041515.D

Acq: 09 Dec 2020 15:23

Instrument :

MSVOA_U

ClientSampleId :

GB1G6

Tot Ion: 43 Resp: 12883

Ion Ratio Lower Upper

43 100

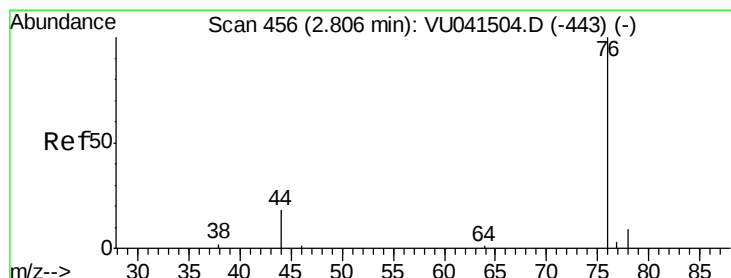
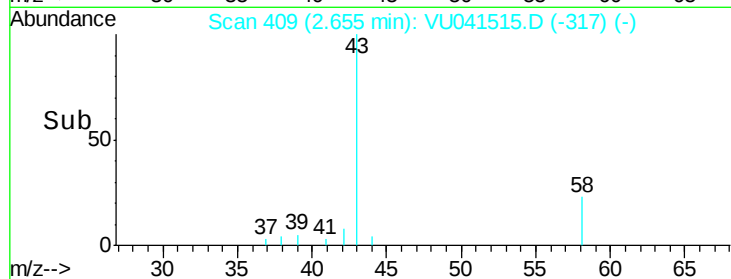
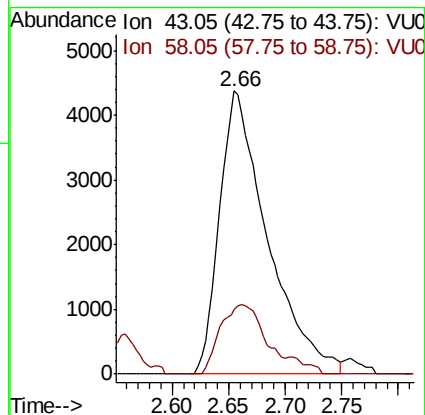
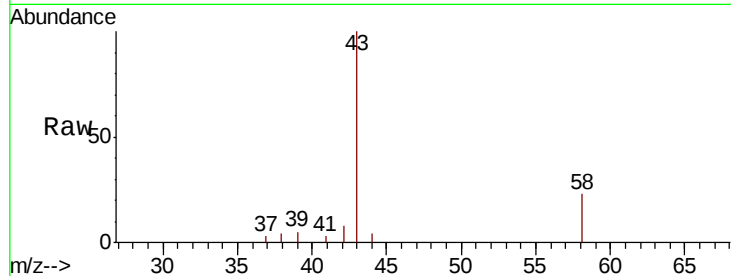
58 22.6 0.0 50.0

Manual Integrations

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#14

Carbon disulfide

Concen: 0.203 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041515.D

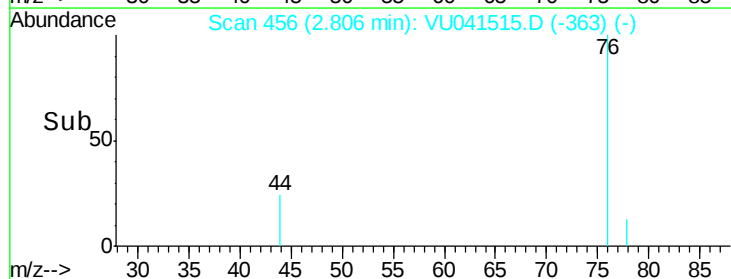
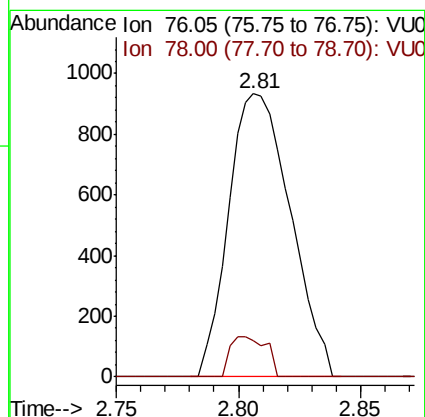
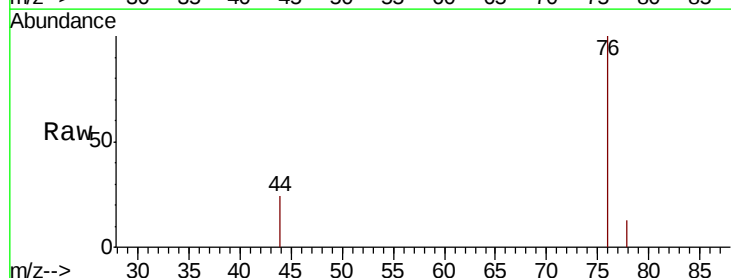
Acq: 09 Dec 2020 15:23

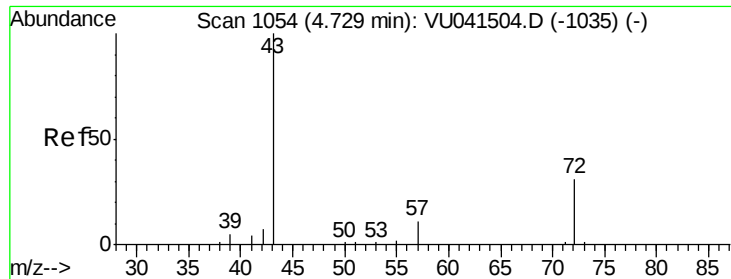
Tgt Ion: 76 Resp: 1640

Ion Ratio Lower Upper

76 100

78 12.6 6.8 10.2#





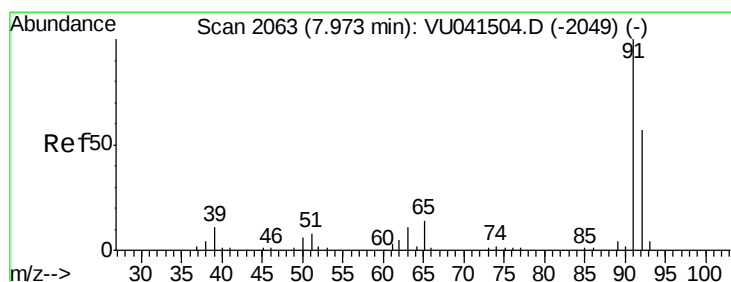
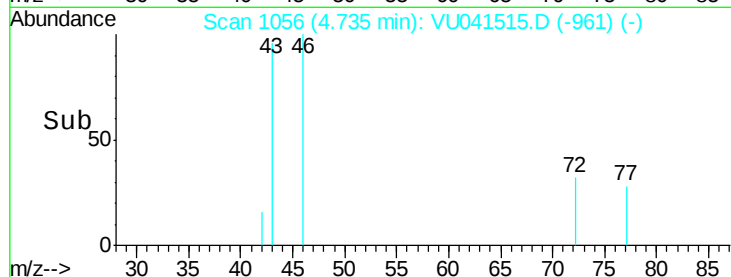
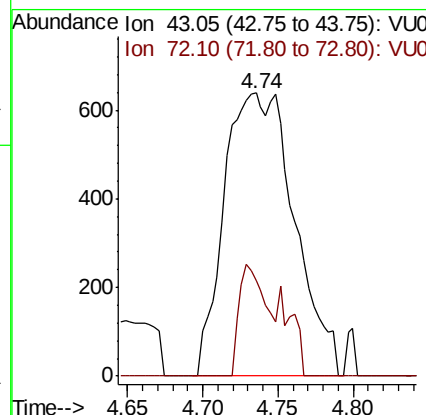
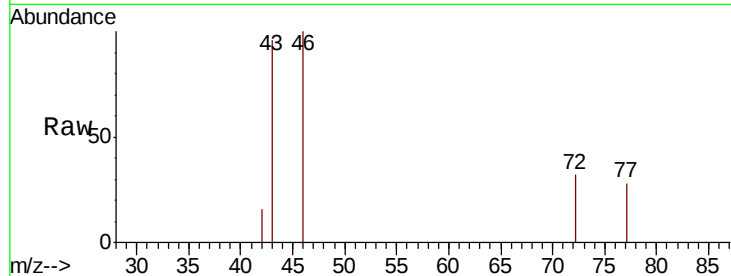
#21
2-Butanone
Concen: 2.464 ug/L m
RT: 4.74 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VU041515.D
Acq: 09 Dec 2020 15:23

Instrument :
MSVOA_U
ClientSampleId :
GB1G6

Tot Ion: 43 Resp: 2066
Ion Ratio Lower Upper
43 100
72 15.5 15.7 47.1#

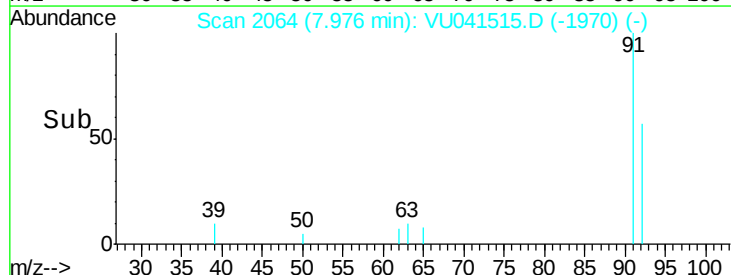
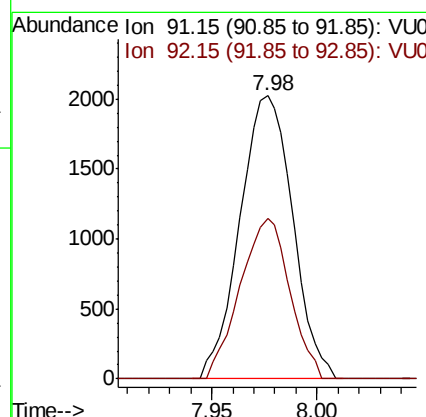
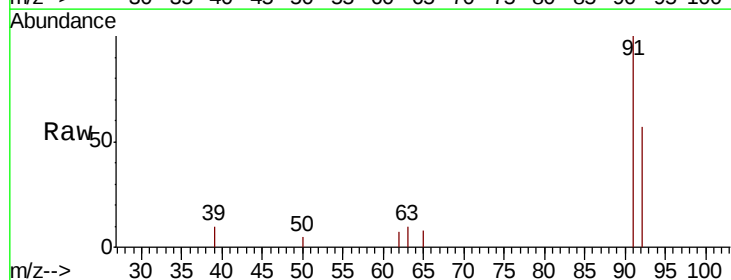
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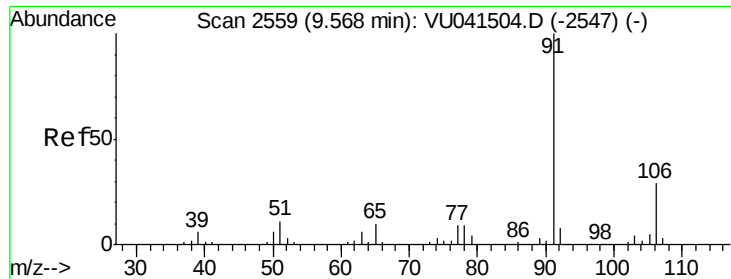
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#42
Toluene
Concen: 0.315 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041515.D
Acq: 09 Dec 2020 15:23

Tgt Ion: 91 Resp: 3519
Ion Ratio Lower Upper
91 100
92 56.7 40.8 75.8





#52
Ethylbenzene
Concen: 0.108 ug/L
RT: 9.57 min Scan# 2559
Delta R.T. 0.00 min
Lab File: VU041515.D
Acq: 09 Dec 2020 15:23

Instrument :
MSVOA_U
ClientSampleId :
GB1G6

Tot Ion: 91 Resp: 1381
Ion Ratio Lower Upper
91 100
106 30.7 21.8 40.4

Manual Integrations
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