

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052919\
 Data File : VU032365.D
 Acq On : 29 May 2019 17:45
 Operator : JC/SP
 Sample : K3045-03DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C47DL

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 10:55:37 AM

Quant Time: May 30 09:04:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	416846	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	407026	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	202678	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115974	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.67	69	104779	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.27	63	171151	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.19	46	316661	47.95	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.90%
24) Chloroform-d	4.64	84	230622	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.31	65	114311	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
32) Benzene-d6	5.33	84	488233	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.32	67	148719	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.20%
41) Toluene-d8	7.56	98	454491	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	7.85	79	54810	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.31	63	260079	47.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	123308	3.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	191917	3.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	68.80%#

Target Compounds					Ovalue
30) Cyclohexane	4.97	56	10867m	0.550	ug/L
33) Benzene	5.38	78	260691	4.735	ug/L
52) Ethylbenzene	9.25	91	305898	5.195	ug/L
53) m,p-Xylene	9.38	106	7057	0.322	ug/L
56) Isopropylbenzene	10.16	105	76852	1.389	ug/L

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

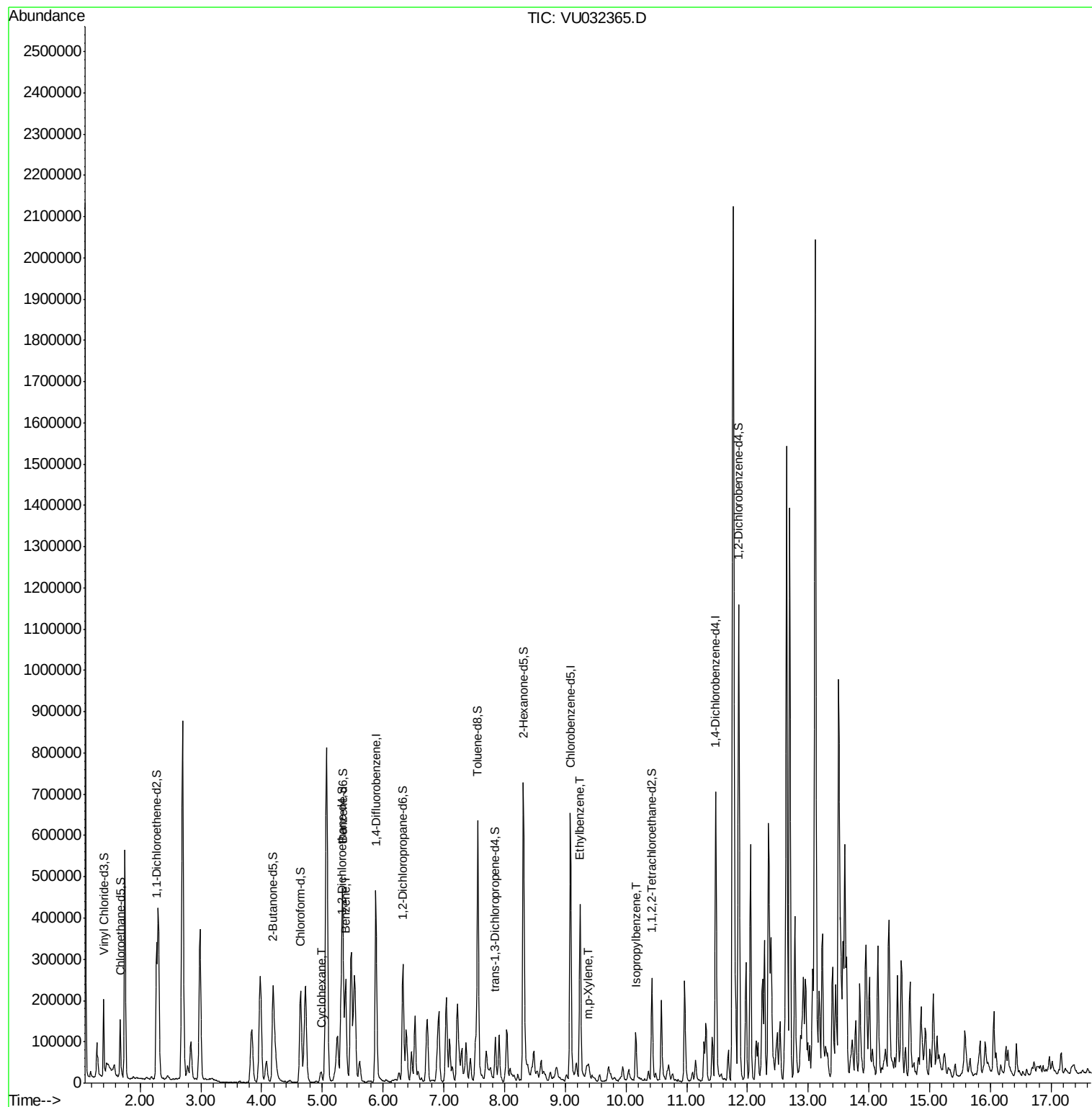
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052919\
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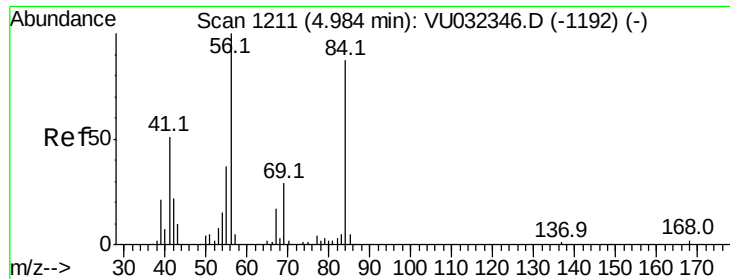
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
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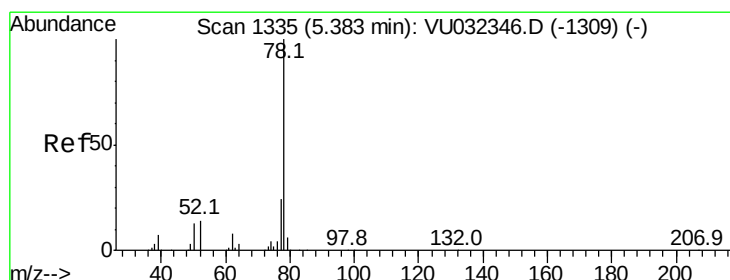
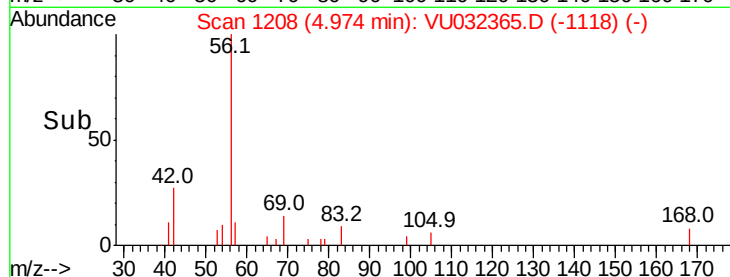
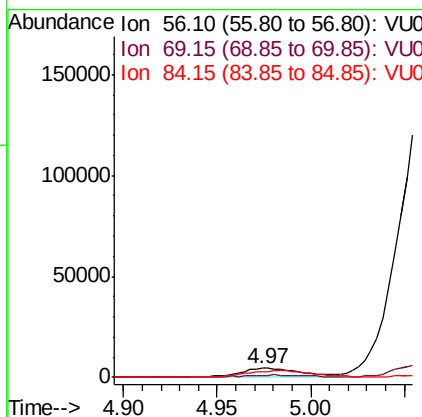
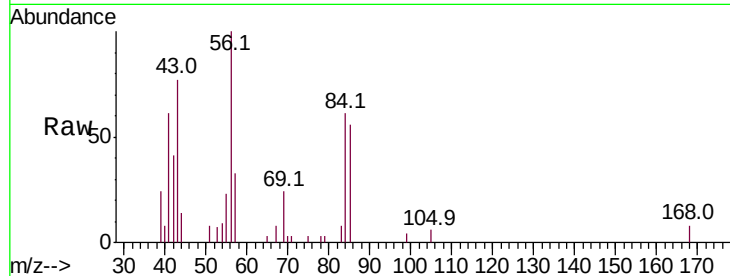
#30
Cyclohexane
Concen: 0.550 ug/L m
RT: 4.97 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VU032365.D
Acq: 29 May 2019 17:45

Instrument :
MSVOA_U
ClientSampleId :
C0C47DL

Tot Ion	Ratio	Lower	Upper
56	100		
69	167.0	26.6	39.8#
84	4.8	75.0	112.6#

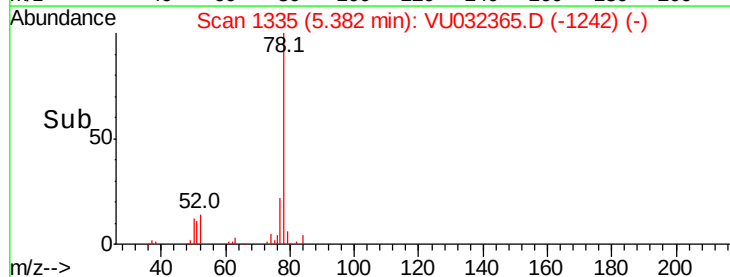
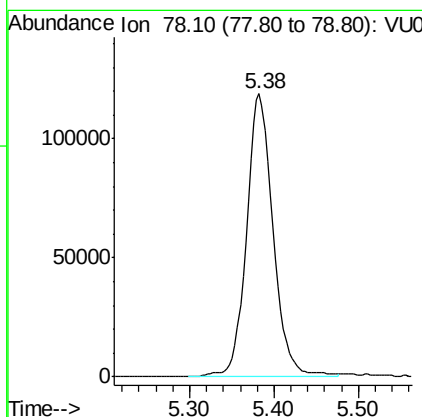
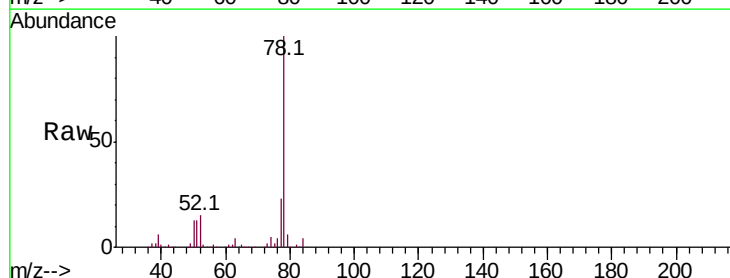
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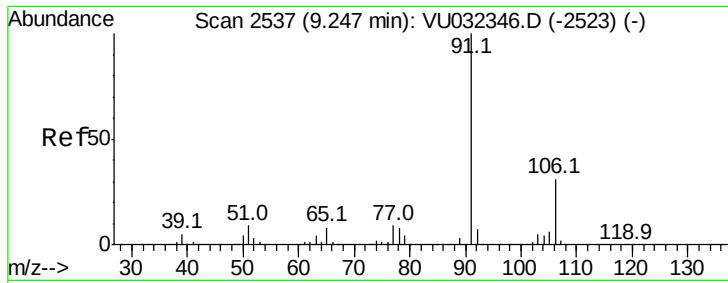
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#33
Benzene
Concen: 4.735 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032365.D
Acq: 29 May 2019 17:45

Tgt Ion: 78 Resp: 260691





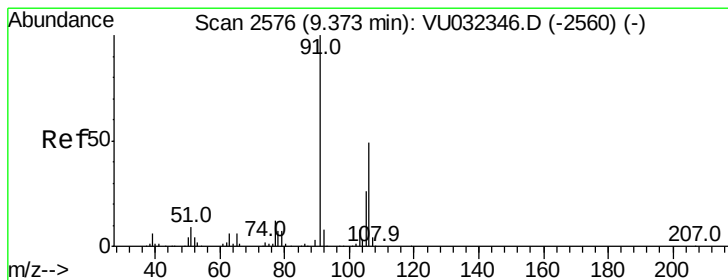
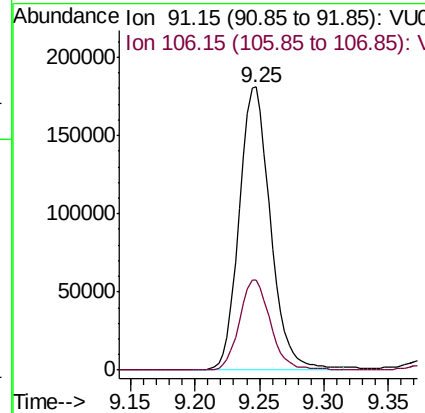
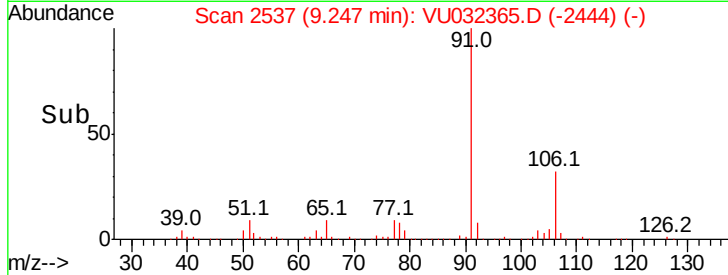
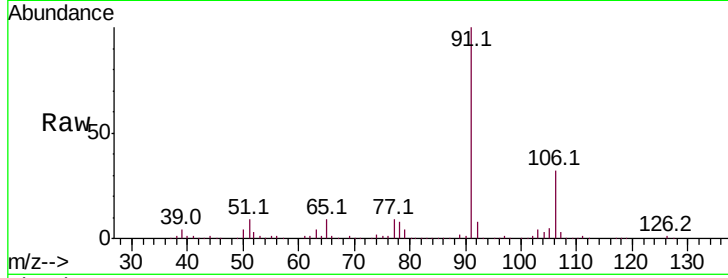
#52
Ethylbenzene
Concen: 5.195 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU032365.D
Acq: 29 May 2019 17:45

Instrument :
MSVOA_U
ClientSampleId :
C0C47DL

Tot Ion	Ratio	Resp	Lower	Upper
91	100	305898		
106	31.7	20.9	20.9	38.9

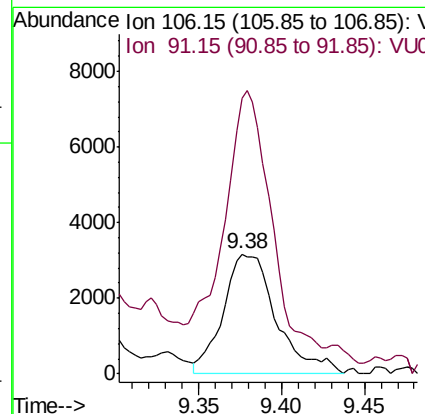
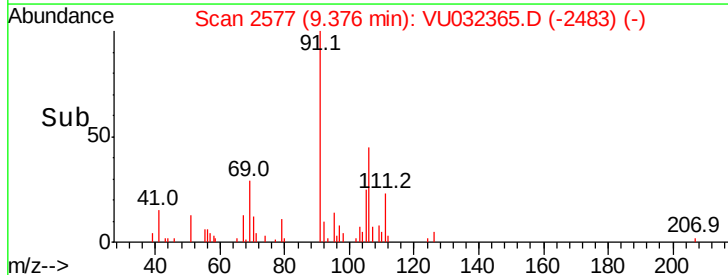
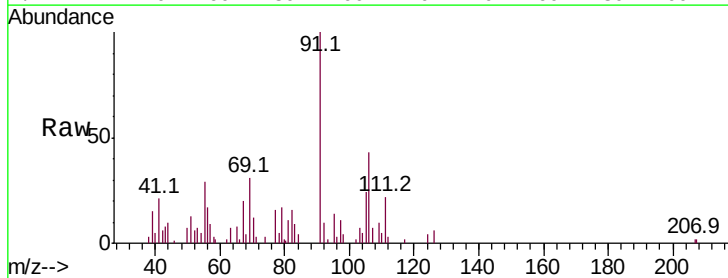
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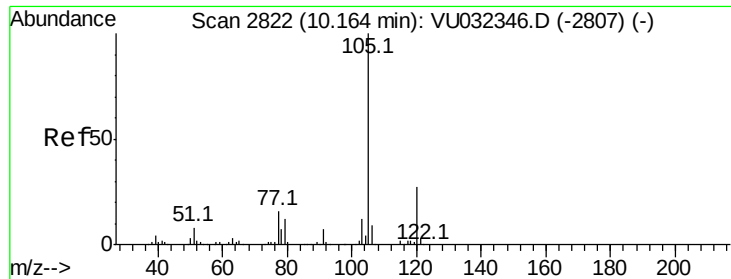
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#53
m,p-Xylene
Concen: 0.322 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU032365.D
Acq: 29 May 2019 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	7057		
91	231.0	143.9	143.9	267.2





#56
Isopropylbenzene
Concen: 1.389 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU032365.D
Acq: 29 May 2019 17:45

Instrument :
MSVOA_U
ClientSampleId :
C0C47DL

Tot Ion:	105	Resp:	76852
Ion Ratio	Lower	Upper	
105	100		
120	27.6	21.0	31.6
77	15.5	11.9	17.9

Manual Integrations
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