

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039931.D
 Acq On : 21 Aug 2020 16:26
 Operator : SY/MD
 Sample : L3776-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y06

Manual Integrations
 APPROVED

sam
 8/24/2020 5:55:54 PM

Quant Time: Aug 22 01:58:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 22 00:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	72755	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34478	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27750	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.92	69	25780	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.58	63	37034	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.65	46	101269	49.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.72%
24) Chloroform-d	5.08	84	57680	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.72	65	32537	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.74	84	98424	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.70	67	34084	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.91	98	86256	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	13651	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.64	63	75157	46.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.96%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	30281	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	34826	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

				Ovalue	
13) Acetone	2.66	43	27193m	19.595	ug/L
17) Methyl tert-butyl Ether	3.38	73	8443	0.526	ug/L
19) 1,1-Dichloroethane	3.89	63	97182	7.932	ug/L
21) 2-Butanone	4.74	43	2939	1.219	ug/L #
42) Toluene	7.98	91	3068	0.107	ug/L

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

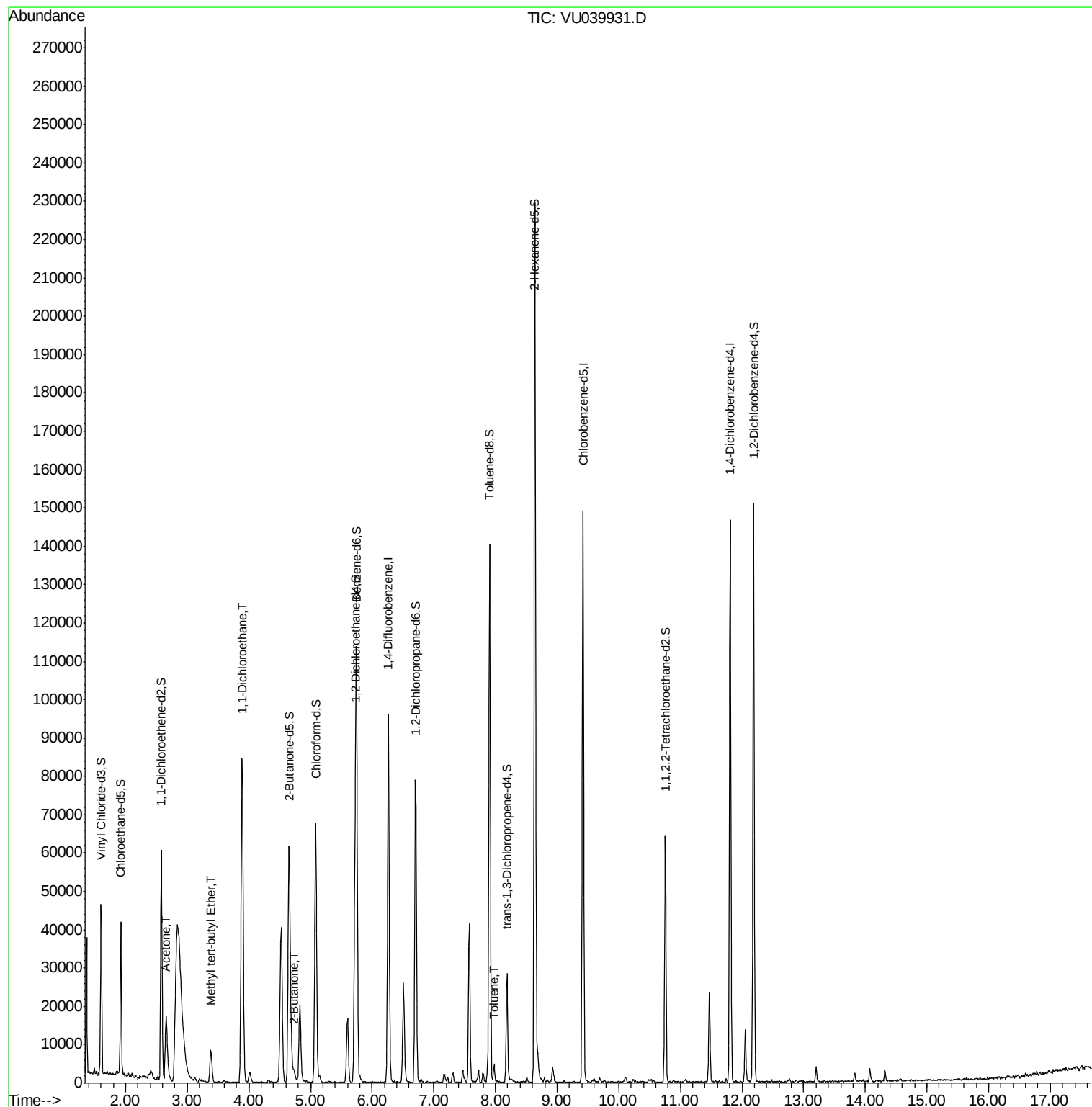
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082120\
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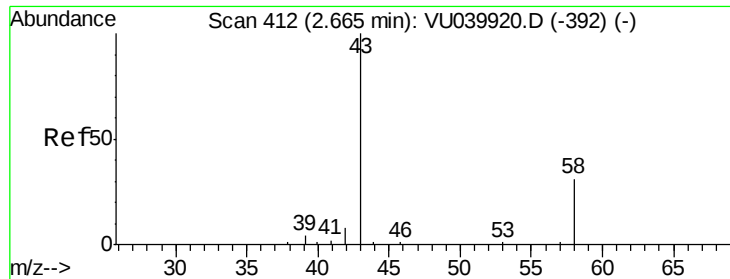
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 22 00:45:05 2020
Response via : Initial Calibration





#13

Acetone

Concen: 19.595 ug/L m

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039931.D

Acq: 21 Aug 2020 16:26

Instrument :

MSVOA_U

ClientSampleId :

F4Y06

Tot Ion: 43 Resp: 27193

Ion Ratio Lower Upper

43 100

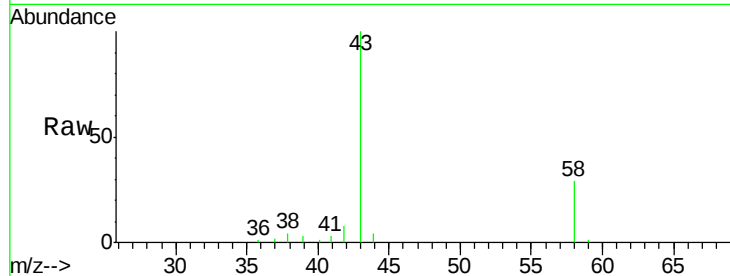
58 1.5 0.0 19.0

Manual Integrations

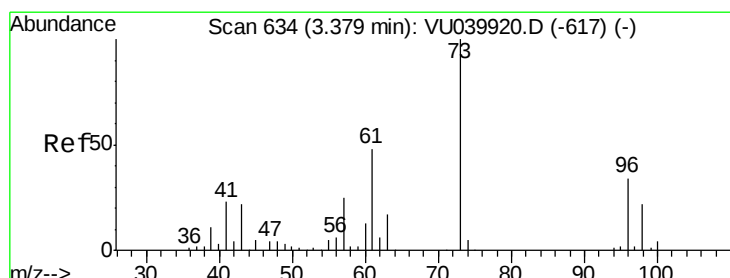
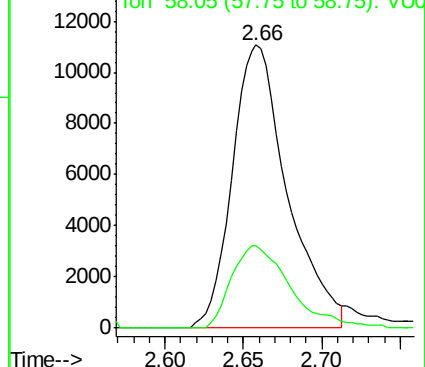
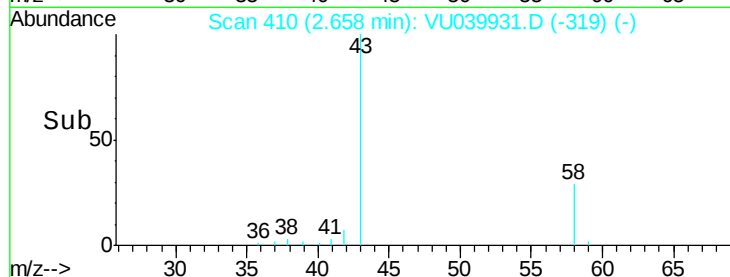
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Abundance Ion 43.05 (42.75 to 43.75): VU039931.D (-319) (-)



#17

Methyl tert-butyl Ether

Concen: 0.526 ug/L

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU039931.D

Acq: 21 Aug 2020 16:26

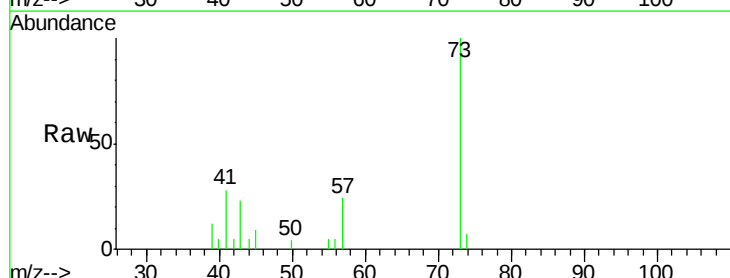
Tgt Ion: 73 Resp: 8443

Ion Ratio Lower Upper

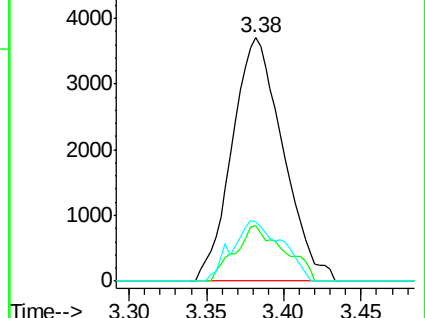
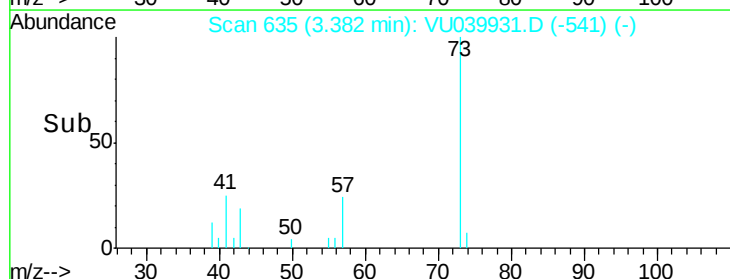
73 100

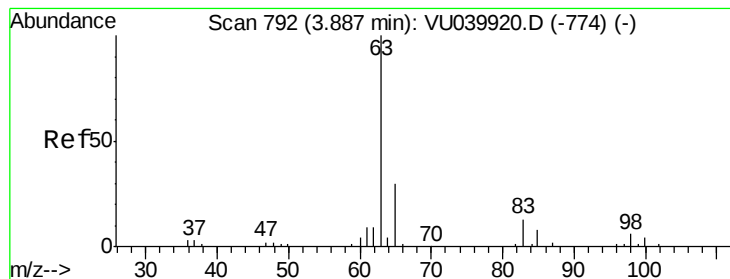
43 21.9 16.6 24.8

57 24.5 18.2 27.4



Abundance Ion 73.10 (72.80 to 73.80): VU039931.D (-541) (-)





#19

1,1-Dichloroethane

Concen: 7.932 ug/L

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU039931.D

Acq: 21 Aug 2020 16:26

Instrument :

MSVOA_U

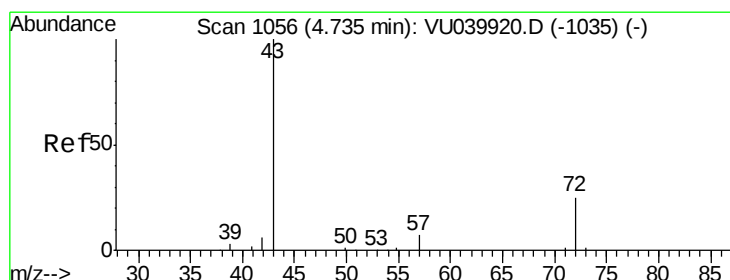
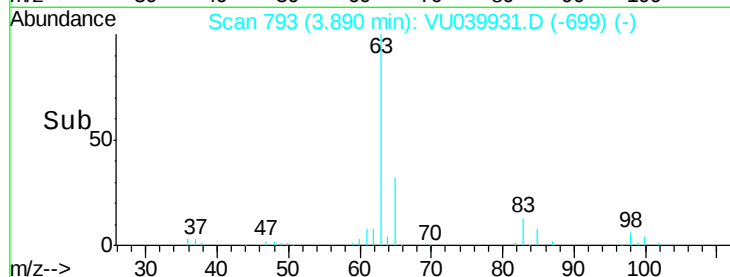
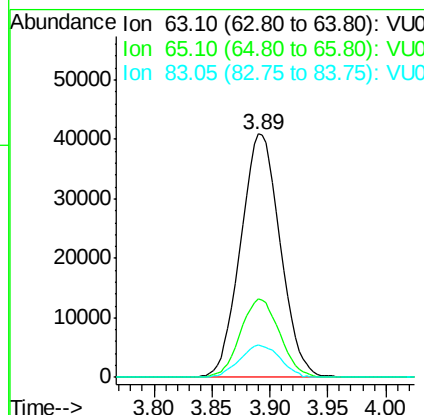
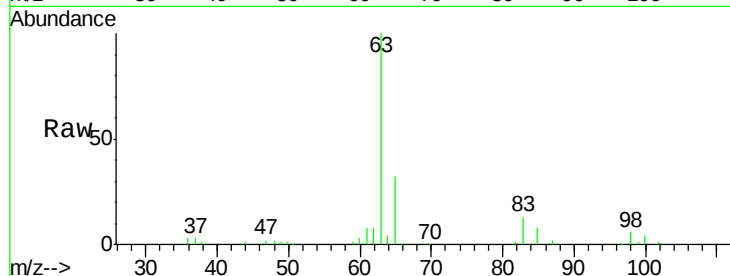
ClientSampleId :

F4Y06

Tot Ion:	63	Resp:	97182
Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.6	40.0
83	13.1	10.3	19.1

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#21

2-Butanone

Concen: 1.219 ug/L

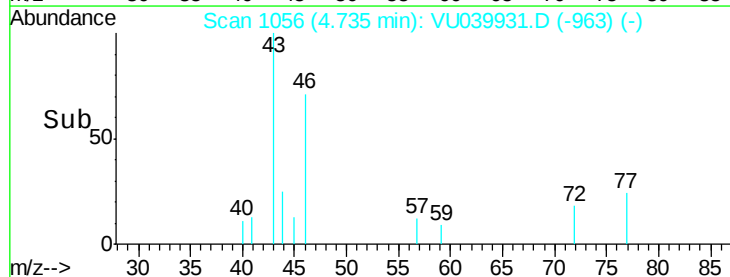
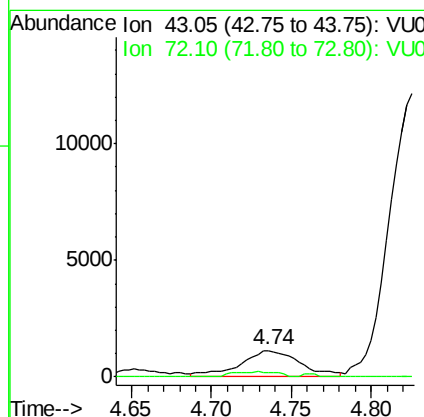
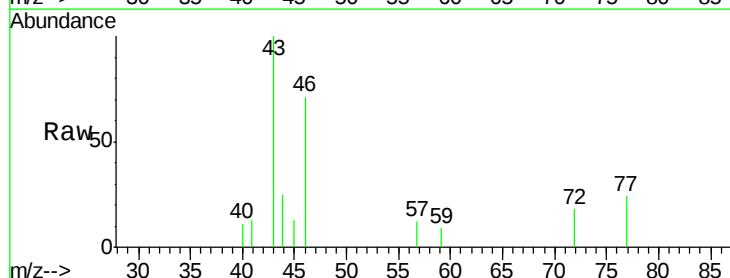
RT: 4.74 min Scan# 1056

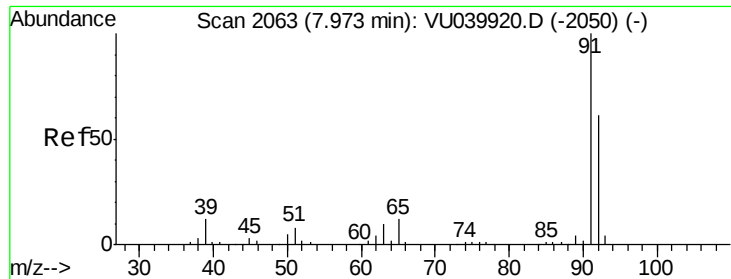
Delta R.T. -0.00 min

Lab File: VU039931.D

Acq: 21 Aug 2020 16:26

Tgt Ion:	43	Resp:	2939
Ion	Ratio	Lower	Upper
43	100		
72	8.8	12.7	38.0#





#42

Toluene

Concen: 0.107 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039931.D

Acq: 21 Aug 2020 16:26

Instrument :

MSVOA_U

ClientSampleId :

F4Y06

Tot Ion: 91 Resp: 3068

Ion Ratio Lower Upper

91 100

92 54.6 42.3 78.5

Manual Integrations

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