

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041764.D
 Acq On : 23 Dec 2020 00:24
 Operator : SY/MD
 Sample : L5161-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB246

Manual Integrations
 APPROVED

SAM
 12/23/2020 5:49:39 PM

Quant Time: Dec 23 07:58:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124507	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119731	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51238	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33438	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.92	69	37817	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.58	63	56815	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.66	46	159604	57.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.16%
24) Chloroform-d	5.08	84	81664	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	47422	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.74	84	156163	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	51741	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.90	98	125497	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.19	79	19494	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.64	63	136516	51.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52579	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	50181	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

					Ovalue
13) Acetone	2.68	43	57485m	32.322	ug/L
16) Methylene chloride	3.06	84	3622	0.359	ug/L
21) 2-Butanone	4.75	43	4452m	1.537	ug/L
30) Cyclohexane	5.40	56	1615	0.105	ug/L #
31) Carbon tetrachloride	5.54	117	45169	3.799	ug/L

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

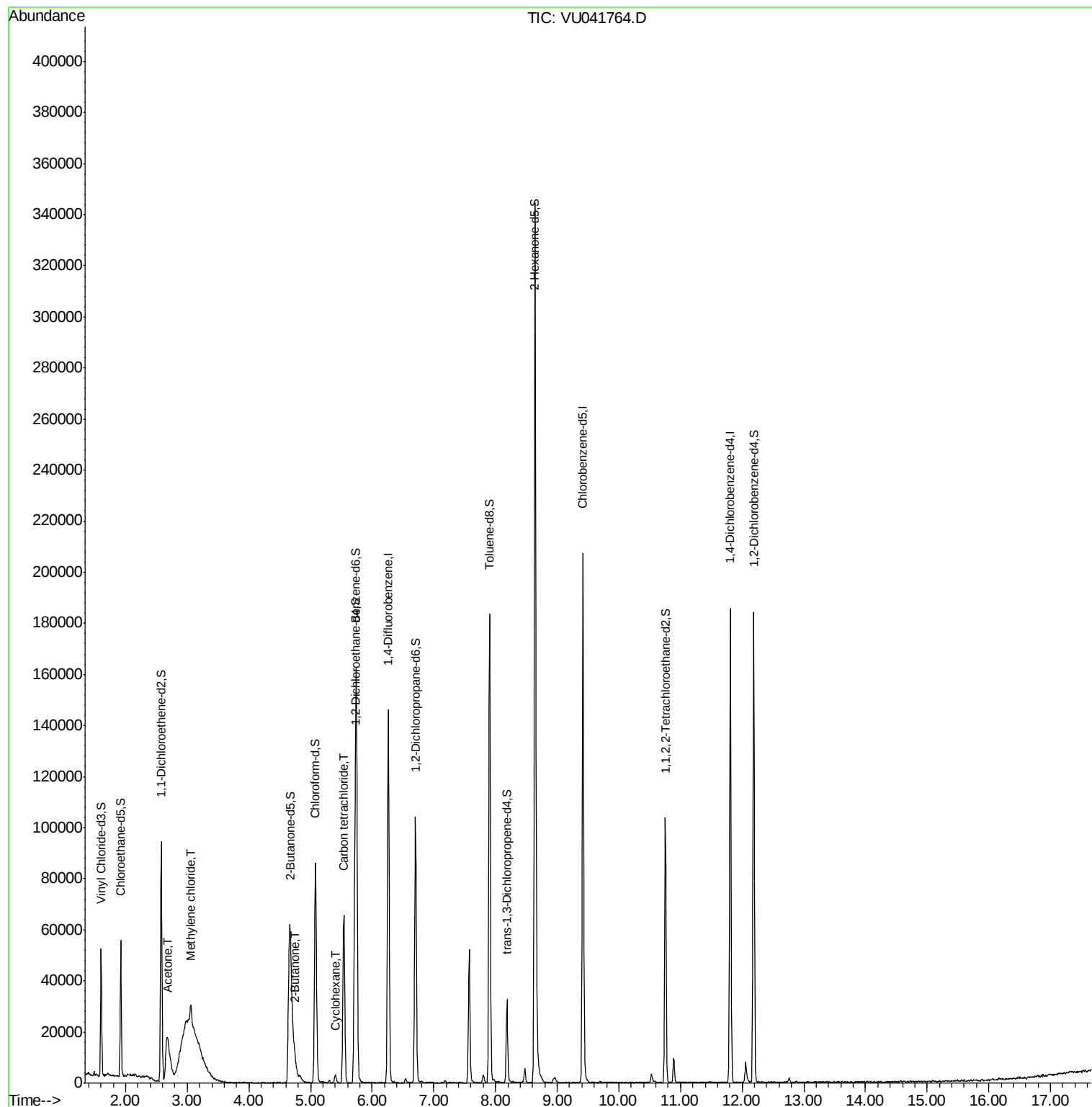
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122220\
Data File : VU041764.D
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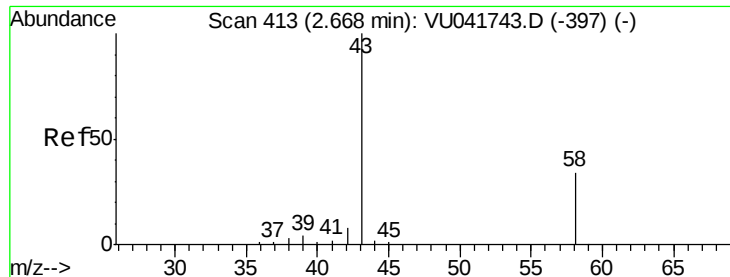
Instrument :
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Quant Time: Dec 23 07:58:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration





#13

Acetone

Concen: 32.322 ug/L m

RT: 2.68 min Scan# 418

Delta R.T. 0.02 min

Lab File: VU041764.D

Acq: 23 Dec 2020 00:24

Instrument :

MSVOA_U

ClientSampleId :

GB246

Tot Ion: 43 Resp: 57485

Ion Ratio Lower Upper

43 100

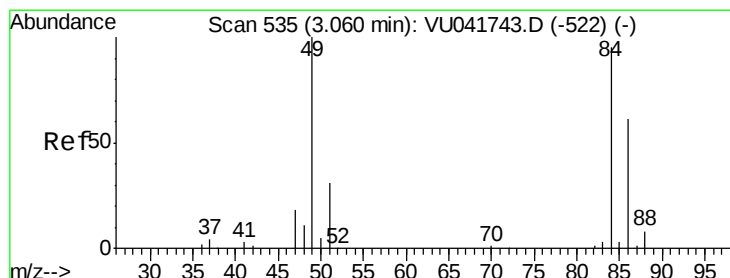
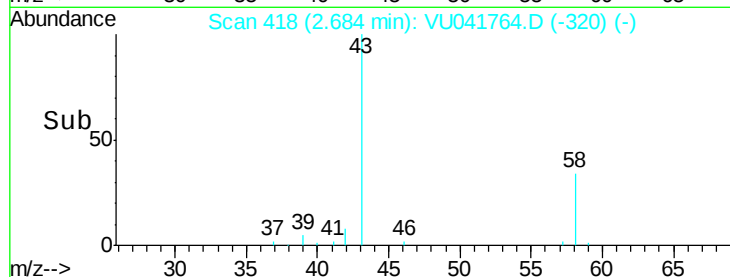
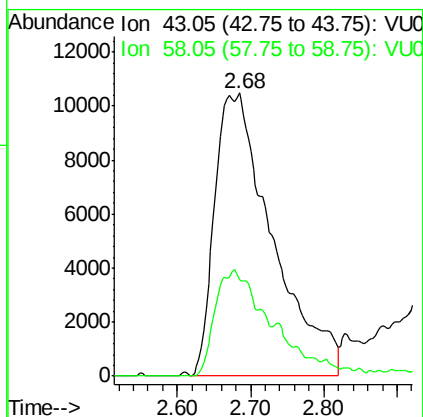
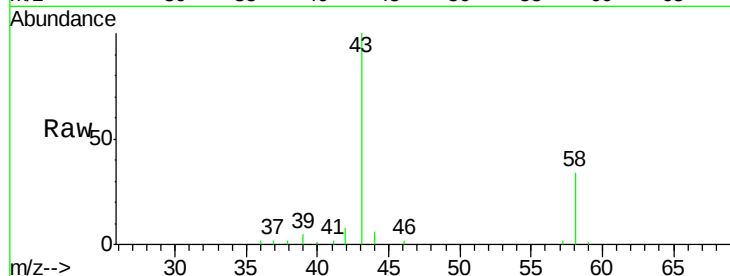
58 27.8 0.0 73.2

Manual Integrations

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#16

Methylene chloride

Concen: 0.359 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041764.D

Acq: 23 Dec 2020 00:24

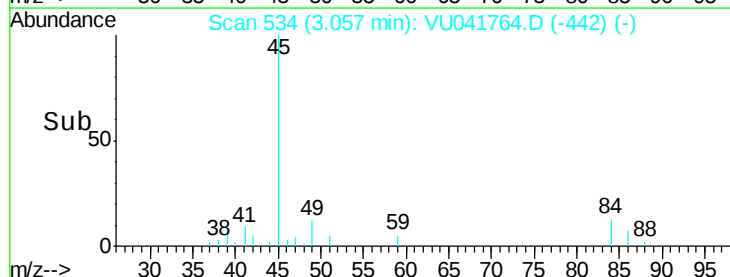
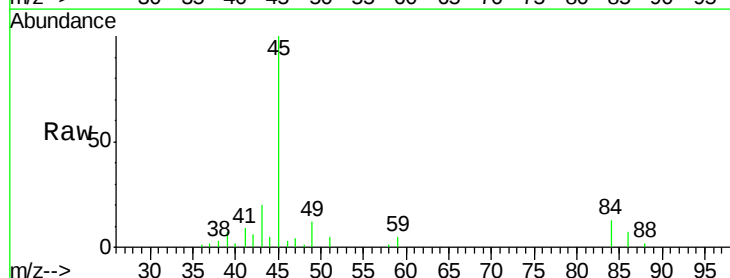
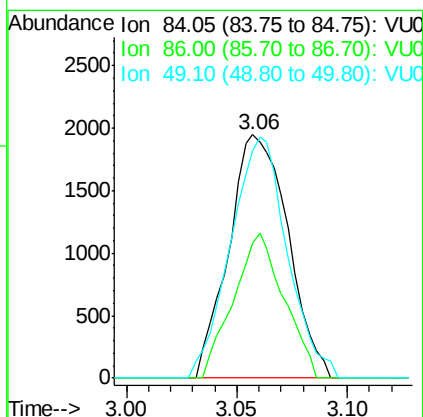
Tgt Ion: 84 Resp: 3622

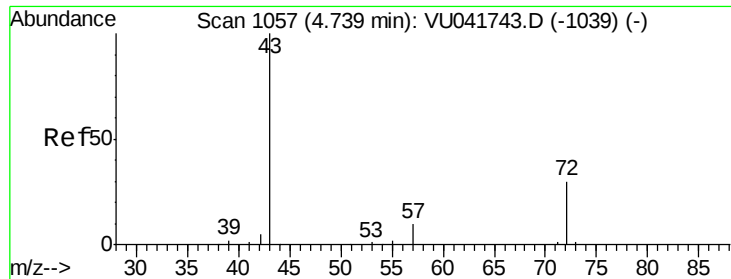
Ion Ratio Lower Upper

84 100

86 55.4 45.1 83.7

49 93.0 83.1 154.3





#21

2-Butanone

Concen: 1.537 ug/L m

RT: 4.75 min Scan# 1060

Delta R.T. 0.01 min

Lab File: VU041764.D

Acq: 23 Dec 2020 00:24

Instrument :

MSVOA_U

ClientSampled :

GB246

Tot Ion: 43 Resp: 4452

Ion Ratio Lower Upper

43 100

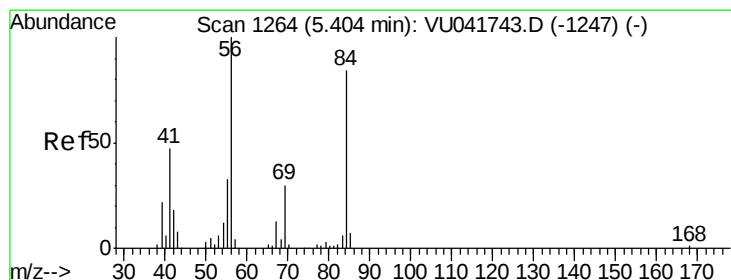
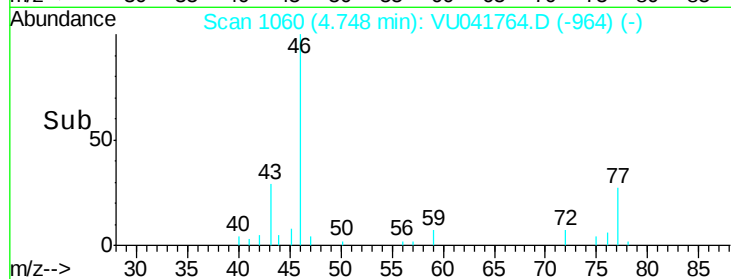
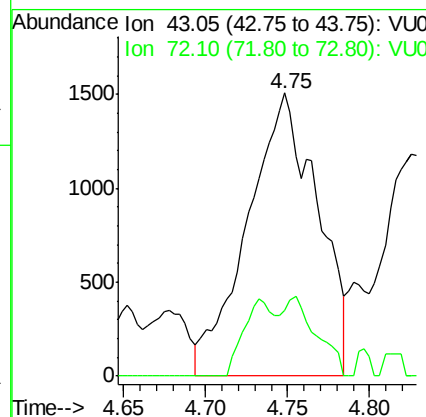
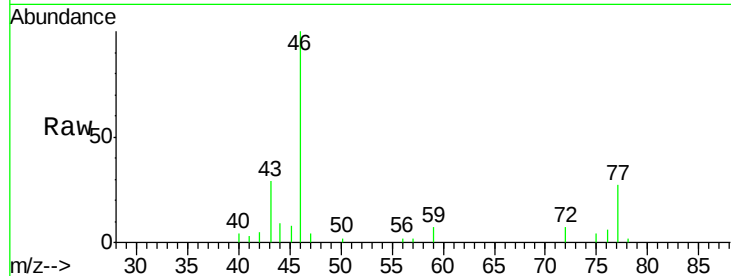
72 12.7 14.6 44.0#

Manual Integrations

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#30

Cyclohexane

Concen: 0.105 ug/L

RT: 5.40 min Scan# 1262

Delta R.T. -0.01 min

Lab File: VU041764.D

Acq: 23 Dec 2020 00:24

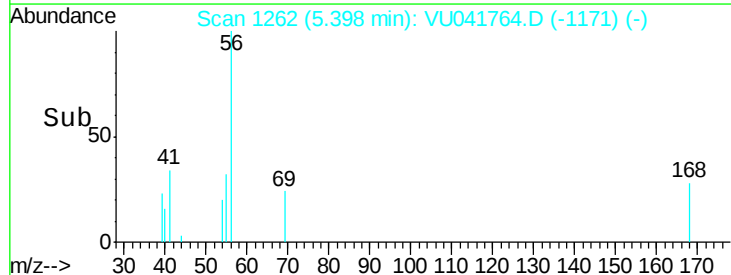
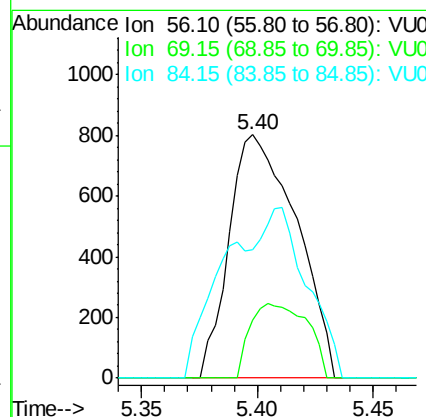
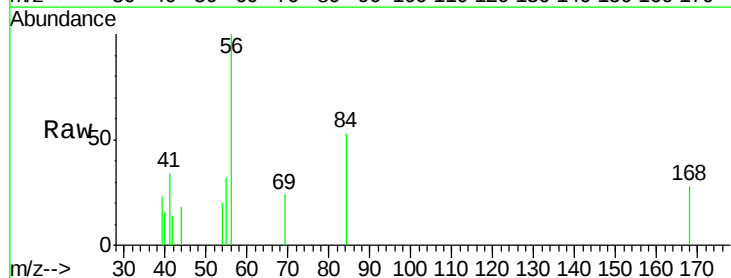
Tgt Ion: 56 Resp: 1615

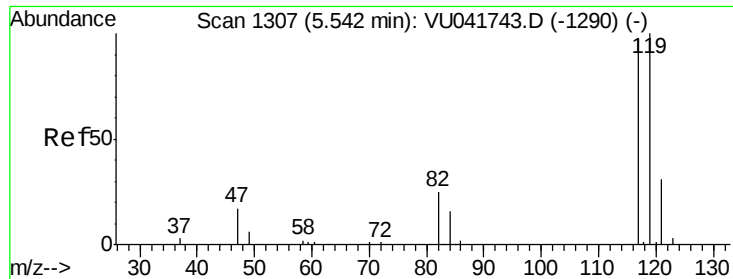
Ion Ratio Lower Upper

56 100

69 0.0 23.8 35.8#

84 31.5 66.2 99.4#





#31
 Carbon tetrachloride
 Concen: 3.799 ug/L
 RT: 5.54 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: VU041764.D
 Acq: 23 Dec 2020 00:24

Instrument :
 MSVOA_U
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 GB246

Tot Ion:117 Resp: 45169
 Ion Ratio Lower Upper
 117 100
 119 97.1 76.2 114.2

Manual Integrations
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