

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062620\
 Data File : VU039160.D
 Acq On : 26 Jun 2020 13:20
 Operator : SY/MD
 Sample : L3121-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F30

Manual Integrations
 APPROVED

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 6/30/2020 8:53:46 AM

Quant Time: Jun 27 00:31:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 23:52:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	232091	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	239244	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	99165	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	69661	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.93	69	71133	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.59	63	104395	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.68	46	380197	61.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.96%
24) Chloroform-d	5.10	84	177635	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.74	65	113486	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.76	84	326105	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.72	67	113786	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.92	98	245471	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.20	79	43682	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.66	63	279521	55.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102441	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	104779	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.40	85	10142	0.488	ug/L	97
9) Trichlorofluoromethane	2.16	101	5668	0.196	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	5919m	0.129	ug/L	
34) Trichloroethene	6.57	95	3227	0.177	ug/L	78
47) Tetrachloroethene	8.57	164	163768	12.497	ug/L	98

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

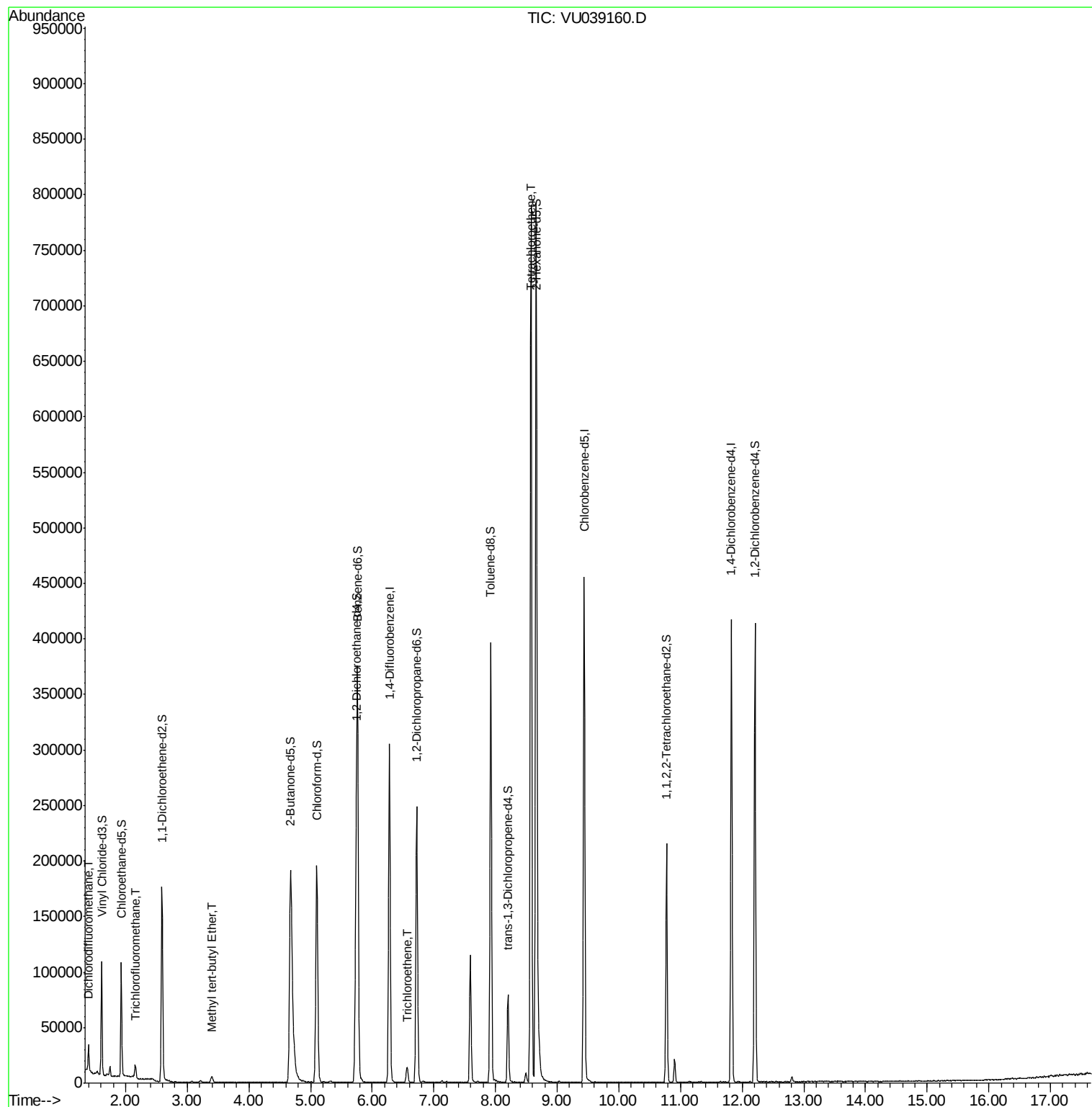
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062620\
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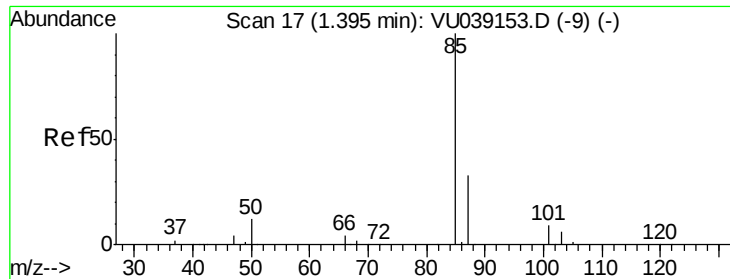
Instrument :
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Quant Time: Jun 27 00:31:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 23:52:58 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.488 ug/L

RT: 1.40 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU039160.D

Acq: 26 Jun 2020 13:20

Instrument :

MSVOA_U

ClientSampleId :

F9F30

Tot Ion: 85 Resp: 10142

Ion Ratio Lower Upper

85 100

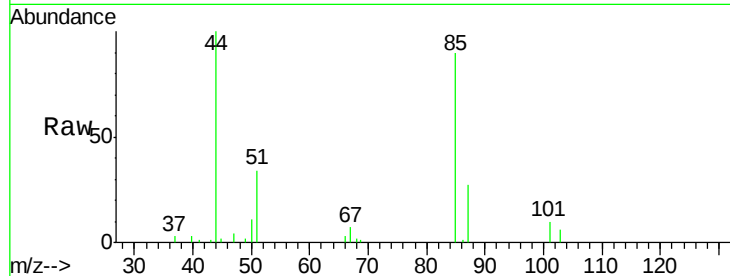
87 30.3 25.8 38.6

Manual Integrations

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Abundance Ion 85.00 (84.70 to 85.70): VU039153.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU039153.D (-9) (-)

12000

10000

8000

6000

4000

2000

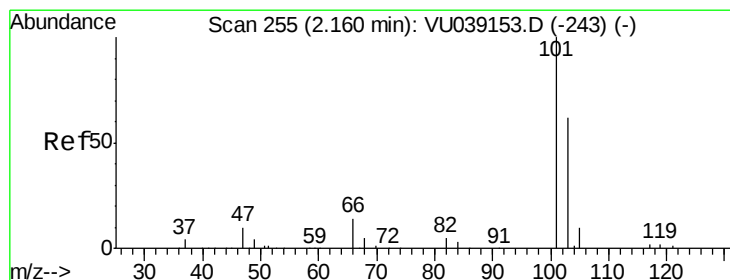
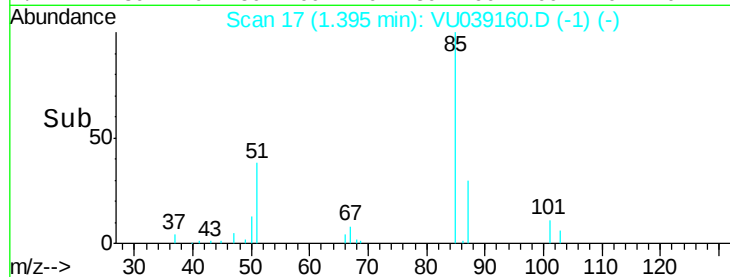
0

1.35

1.40

1.45

Time-->



#9

Trichlorofluoromethane

Concen: 0.196 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU039160.D

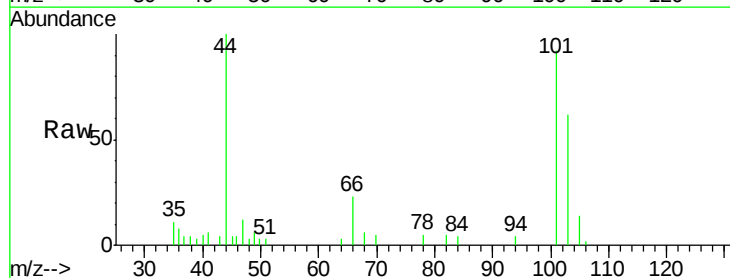
Acq: 26 Jun 2020 13:20

Tgt Ion: 101 Resp: 5668

Ion Ratio Lower Upper

101 100

103 62.5 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): VU039153.D (-243) (-)

Ion 103.00 (102.70 to 103.70): VU039153.D (-243) (-)

4000

3000

2000

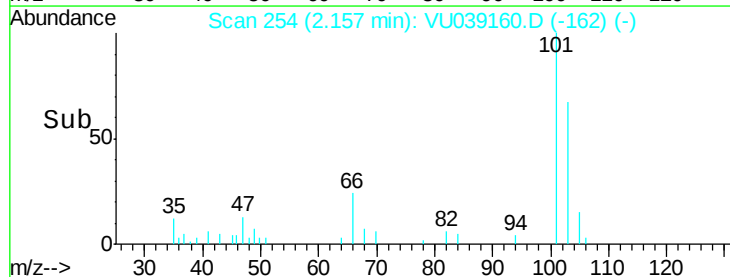
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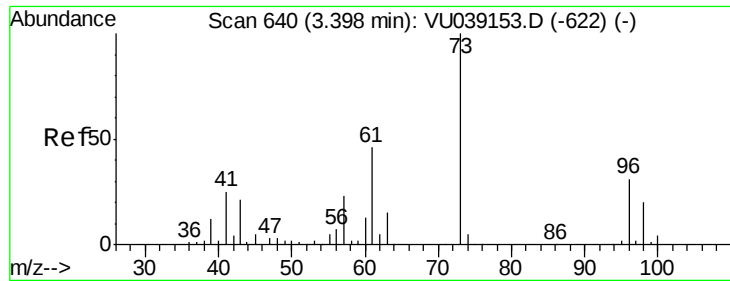
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2.15

2.20

Time-->





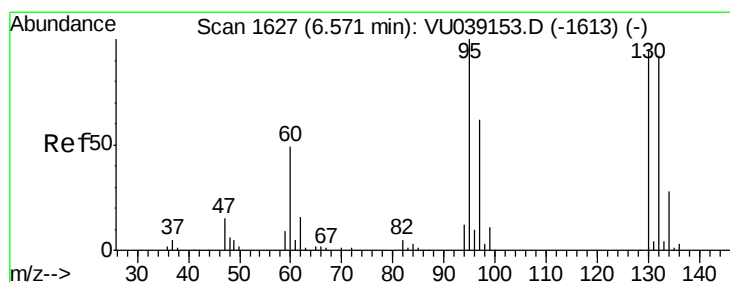
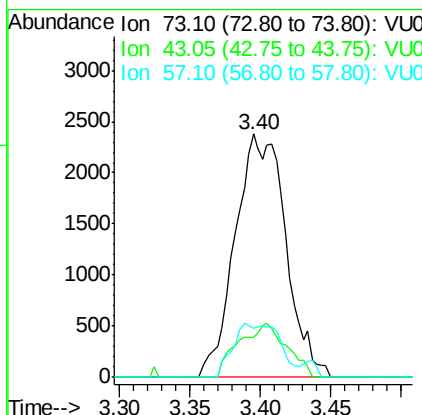
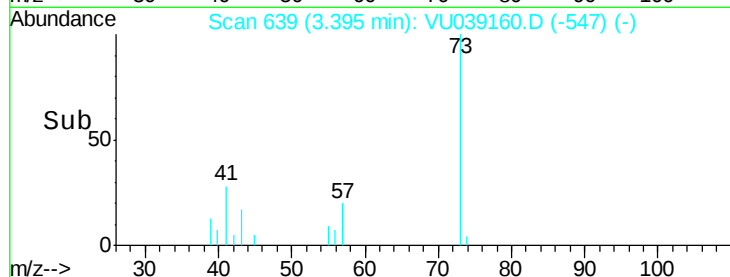
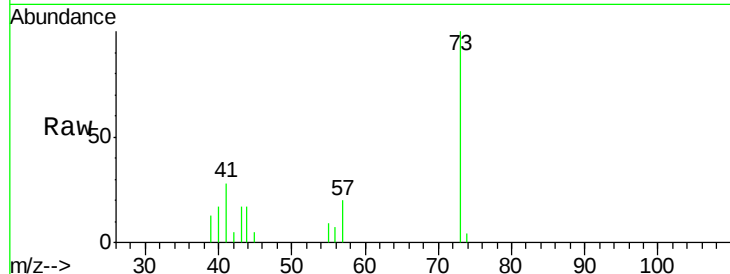
#17
Methvl tert-butvl Ether
Concen: 0.129 ug/L m
RT: 3.40 min Scan# 639
Delta R.T. -0.00 min
Lab File: VU039160.D
Acq: 26 Jun 2020 13:20

Instrument :
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Tot Ion: 73 Resp: 5919
Ion Ratio Lower Upper
73 100
43 21.1 16.6 24.8
57 9.5 18.2 27.4#

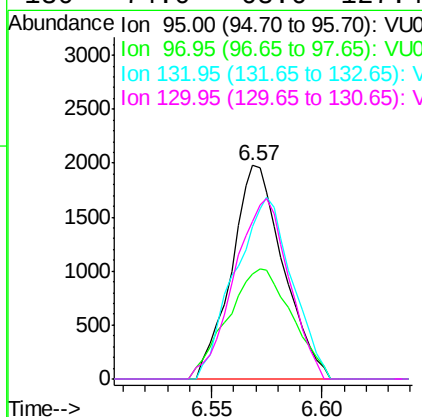
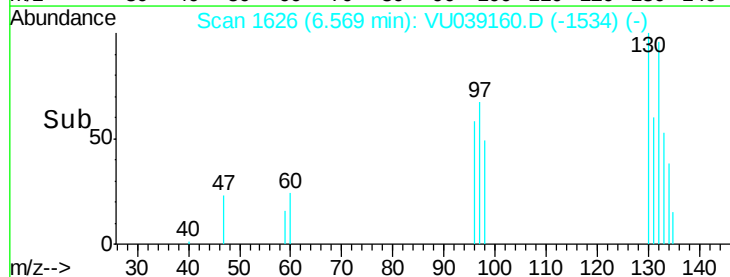
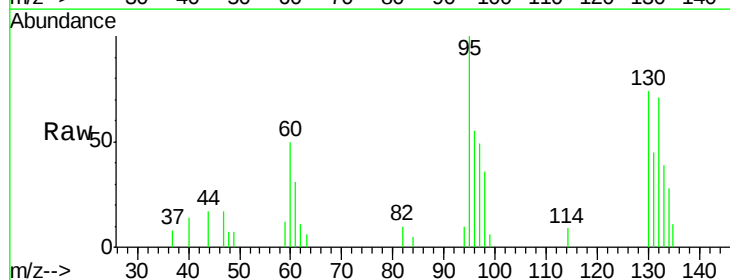
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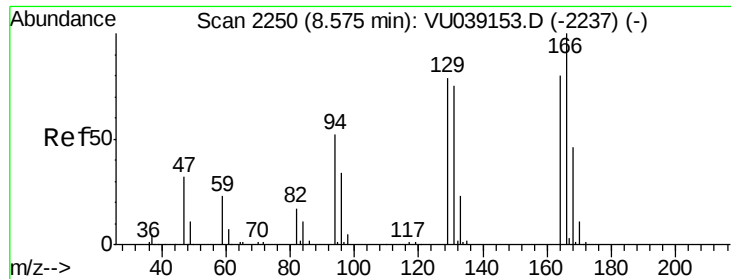
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#34
Trichloroethene
Concen: 0.177 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU039160.D
Acq: 26 Jun 2020 13:20

Tgt Ion: 95 Resp: 3227
Ion Ratio Lower Upper
95 100
97 49.2 45.1 83.7
132 71.4 65.1 120.9
130 74.0 68.6 127.4





#47
 Tetrachloroethene
 Concen: 12.497 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU039160.D
 Acq: 26 Jun 2020 13:20

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F30

Tot Ion:	164	Resp:	163768
Ion Ratio	Lower	Upper	
164	100		
129	98.7	71.3	132.5
131	96.5	68.3	126.8
166	131.4	90.8	168.6

Manual Integrations
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