

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013336.D
 Acq On : 25 Oct 2019 00:30
 Operator : SY/MD
 Sample : K5462-21
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G25

Manual Integrations
 APPROVED

MMDadoda
 10/26/2019 10:04:23 AM

Quant Time: Oct 25 05:59:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 04:42:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	400273	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	431809	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232516	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137129	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	125933	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.13	63	182366	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.94	46	226432	39.95	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.90%
24) Chloroform-d	4.40	84	312552	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.08	65	155174	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.10	84	649047	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	197706	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	518954	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.66	79	55028	3.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.20%
46) 2-Hexanone-d5	8.13	63	183678	32.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	137614	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	221180	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	97602	2.527	ug/L 100
17) Methyl tert-butyl Ether	2.80	73	1989437	27.296	ug/L 97
19) 1,1-Dichloroethane	3.23	63	95234	1.579	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	27325	0.688	ug/L # 90
33) Benzene	5.15	78	49301m	0.299	ug/L

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

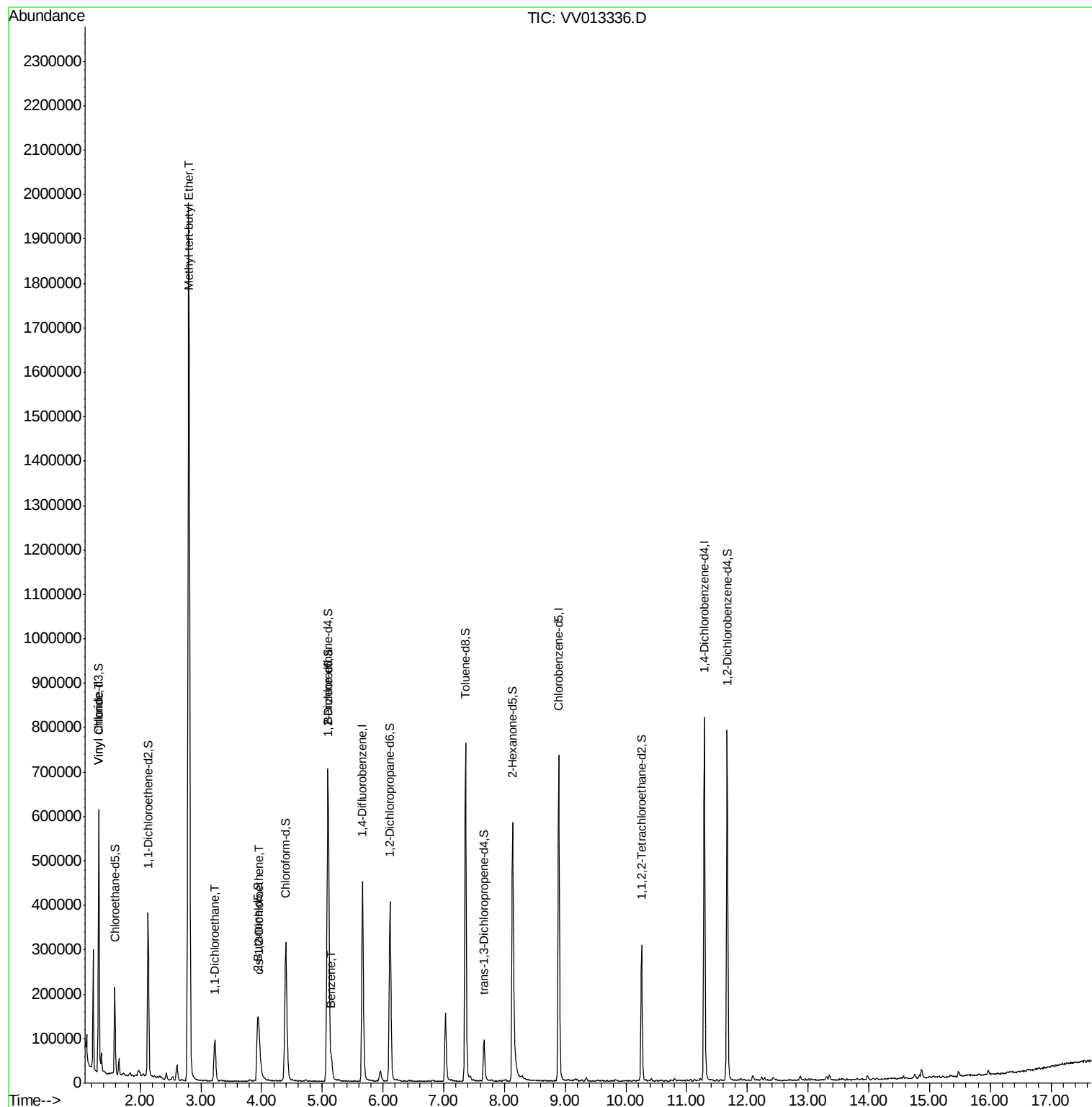
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102519\
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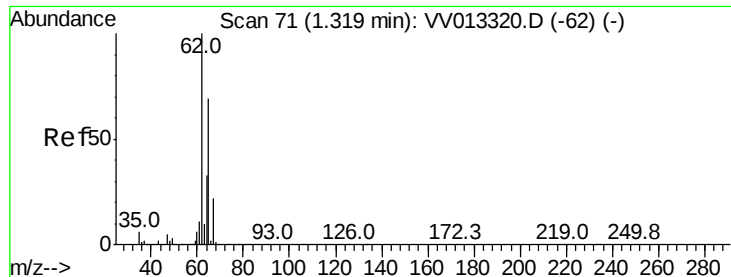
Instrument :
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Quant Time: Oct 25 05:59:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.527 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013336.D

Acq: 25 Oct 2019 00:30

Instrument :

MSVOA_V

ClientSampleId :

H0G25

Tot Ion: 62 Resp: 97602

Ion Ratio Lower Upper

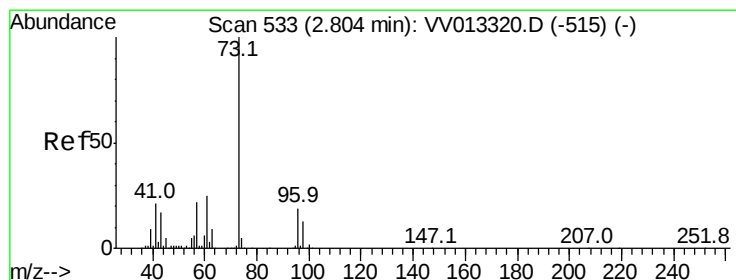
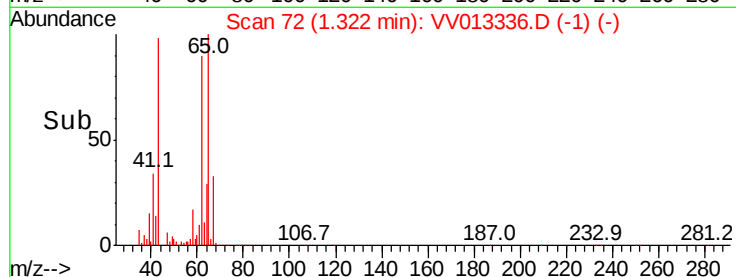
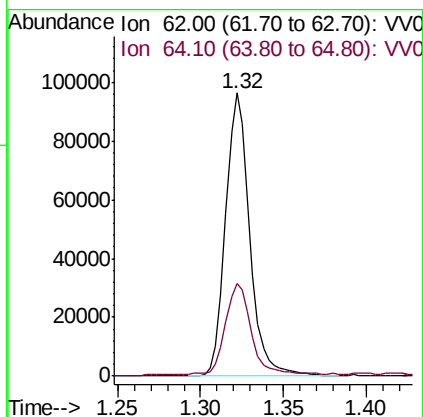
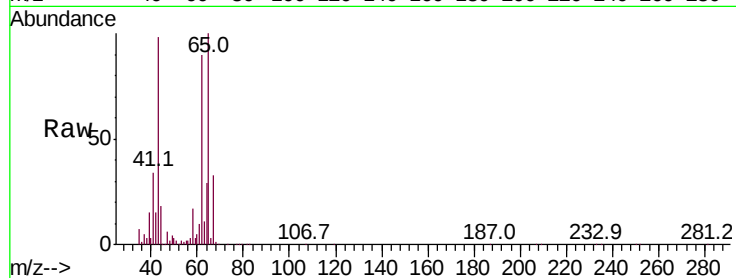
62 100

64 32.6 22.9 42.5

Manual Integrations
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#17

Methyl tert-butyl Ether

Concen: 27.296 ug/L

RT: 2.80 min Scan# 532

Delta R.T. -0.00 min

Lab File: VV013336.D

Acq: 25 Oct 2019 00:30

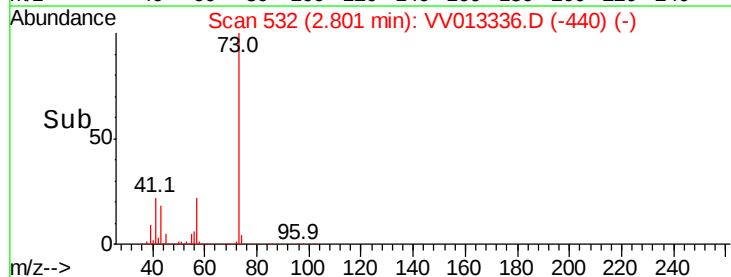
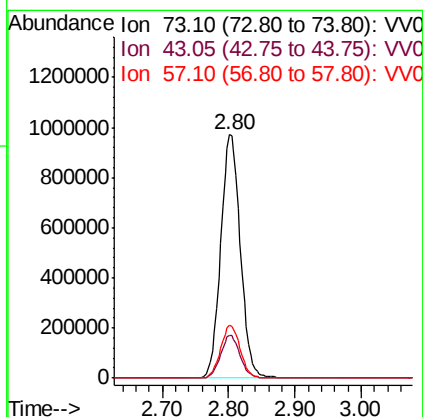
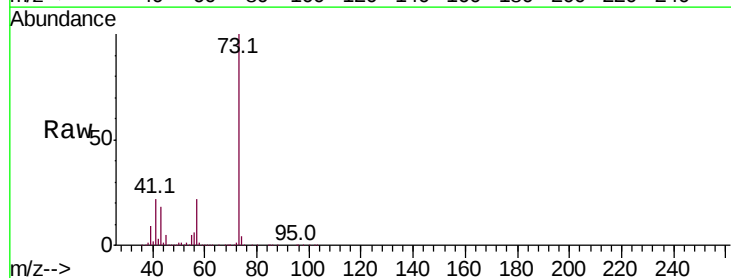
Tgt Ion: 73 Resp: 1989437

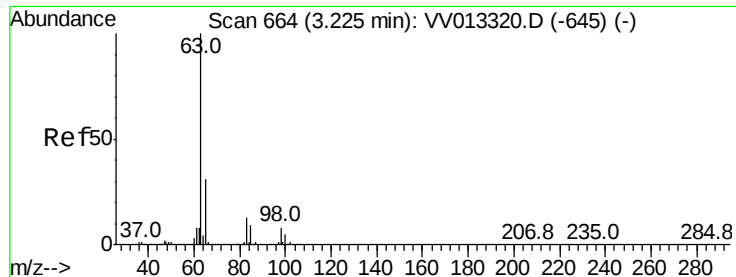
Ion Ratio Lower Upper

73 100

43 17.5 13.1 19.7

57 21.7 16.4 24.6





#19

1,1-Dichloroethane

Concen: 1.579 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.01 min

Lab File: VV013336.D

Acq: 25 Oct 2019 00:30

Instrument :

MSVOA_V

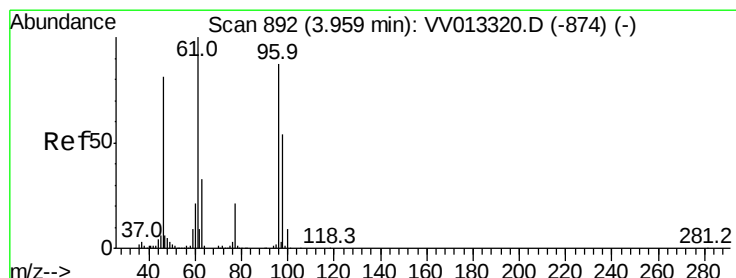
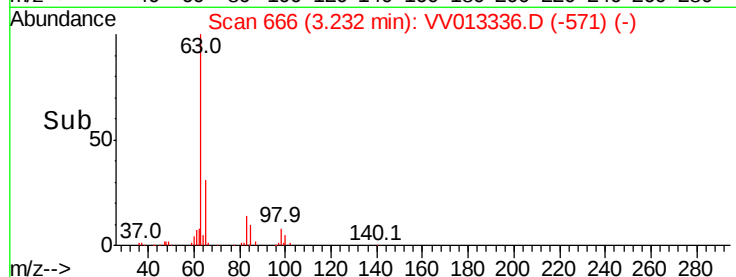
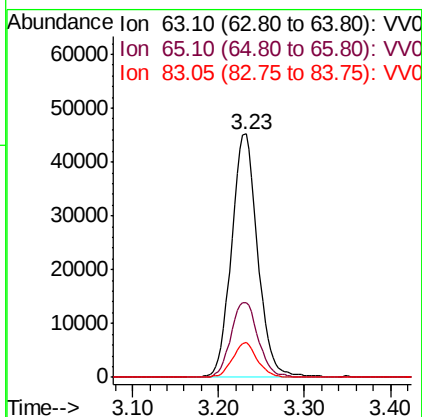
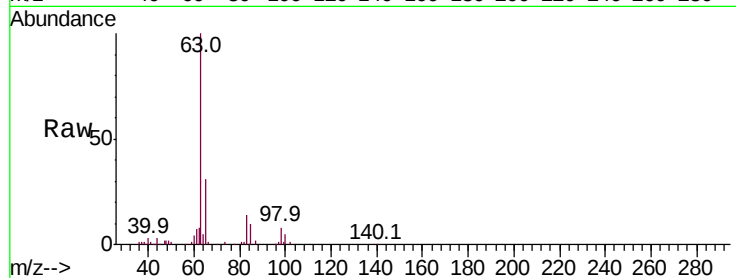
ClientSampleId :

H0G25

Tot Ion:	63	Resp:	95234
Ion Ratio	Lower	Upper	
63	100		
65	30.8	23.0	42.8
83	14.2	10.2	19.0

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#22

cis-1,2-Dichloroethene

Concen: 0.688 ug/L

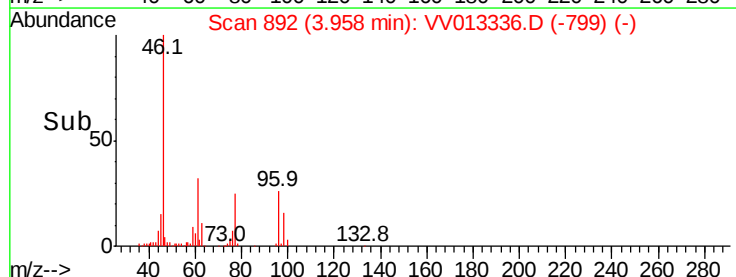
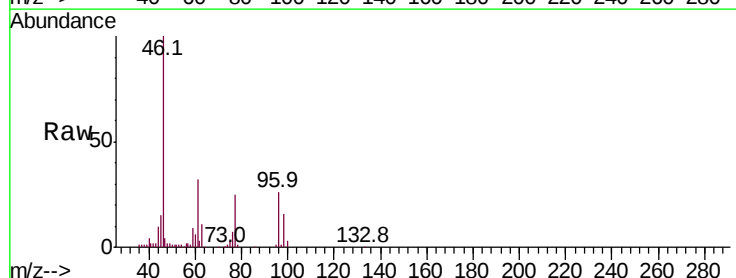
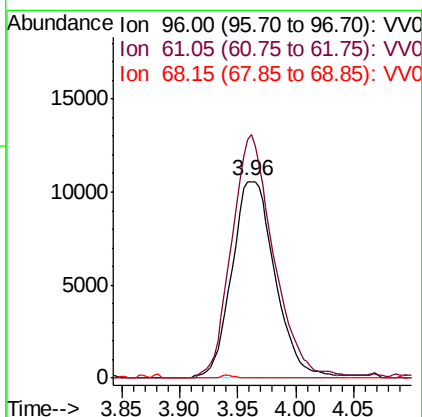
RT: 3.96 min Scan# 892

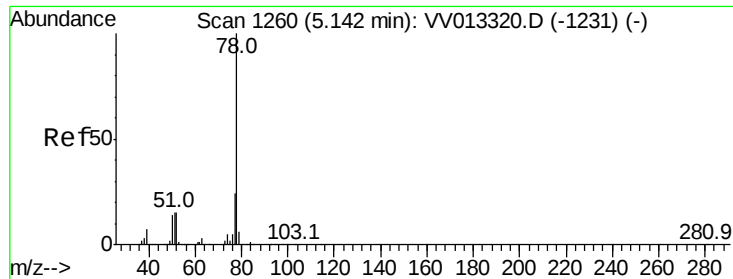
Delta R.T. -0.00 min

Lab File: VV013336.D

Acq: 25 Oct 2019 00:30

Tgt Ion:	96	Resp:	27325
Ion Ratio	Lower	Upper	
96	100		
61	121.6	77.3	143.7
68	0.0	0.1	0.1#





#33
Benzene
Concen: 0.299 ug/L m
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013336.D
Acq: 25 Oct 2019 00:30

Instrument :
MSVOA_V
ClientSampleId :
H0G25

Tgt Ion: 78 Resp: 49301

Manual Integrations
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