

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013359.D
 Acq On : 25 Oct 2019 20:55
 Operator : SY/MD
 Sample : K5462-22DL 10X
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G26DL

Quant Time: Oct 26 02:29:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 26 00:57:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	411498	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	449875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	235246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	189851	6.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.20%
7) Chloroethane-d5	1.59	69	147735	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.00%
11) 1,1-Dichloroethene-d2	2.13	63	227348	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	3.93	46	360045	61.80	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.60%
24) Chloroform-d	4.40	84	347042	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.08	65	168128	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	752202	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.12	67	215789	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	632935	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.66	79	72862	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.13	63	223792	37.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	141871	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	256552	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

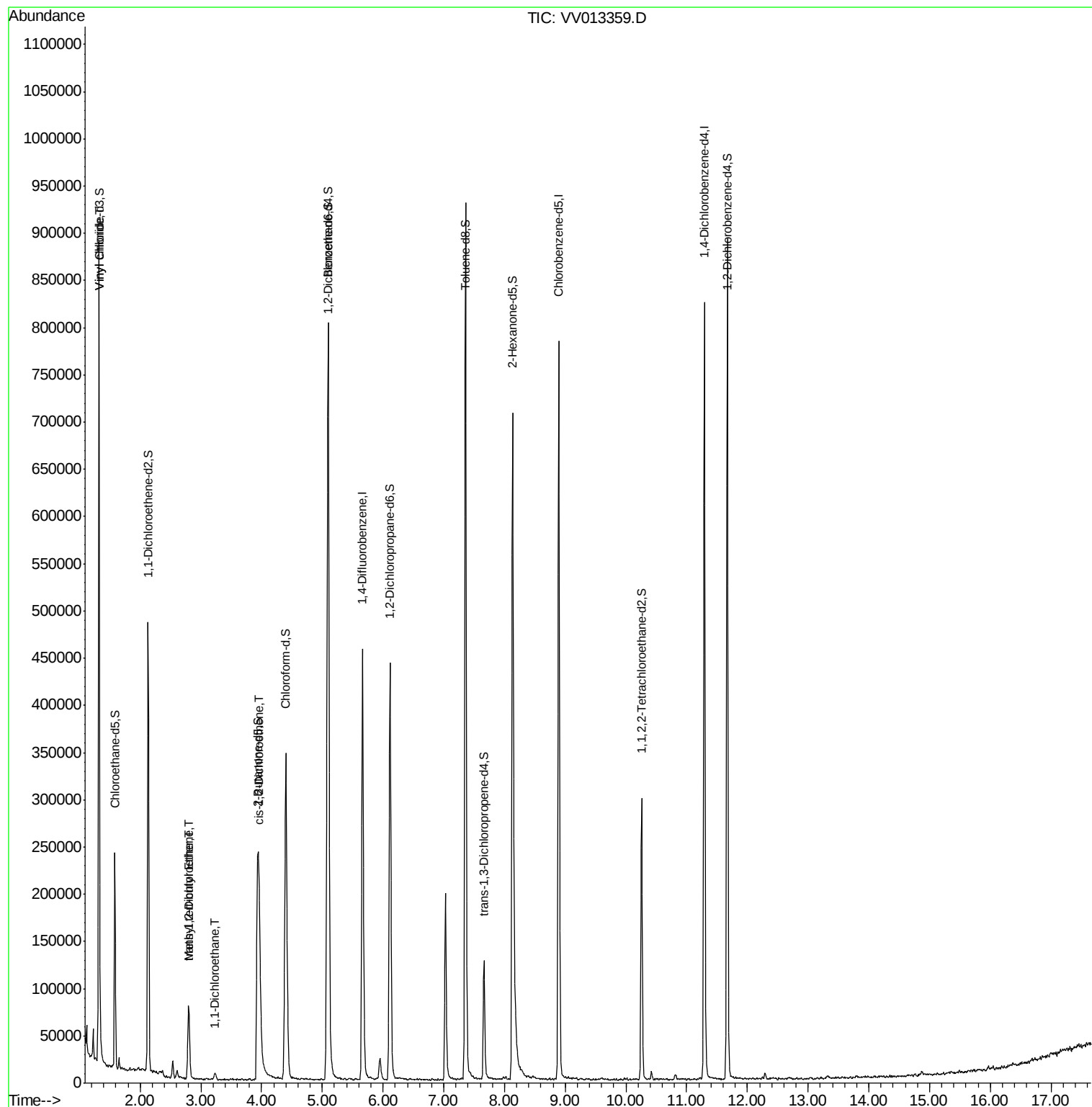
					Ovalue
5) Vinyl chloride	1.32	62	392148	9.875 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	44861	0.599 ug/L #	94
18) trans-1,2-Dichloroethene	2.79	96	16323	0.428 ug/L	93
19) 1,1-Dichloroethane	3.23	63	7297	0.118 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	52272	1.280 ug/L #	95

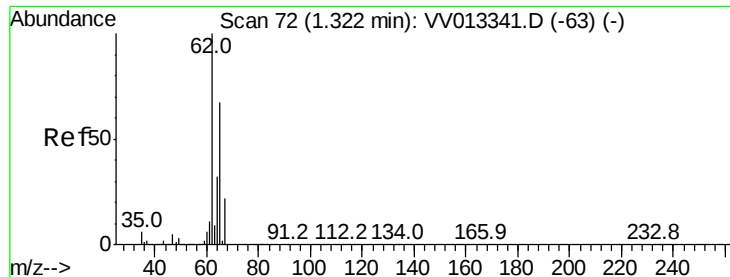
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102519\
Data File : VV013359.D
Acq On : 25 Oct 2019 20:55
Operator : SY/MD
Sample : K5462-22DL 10X
Misc : 25.0ML/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0G26DL

Quant Time: Oct 26 02:29:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 9.875 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV013359.D

Acq: 25 Oct 2019 20:55

Instrument :

MSVOA_V

ClientSampleId :

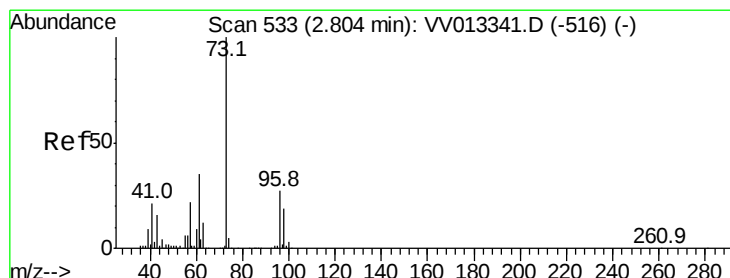
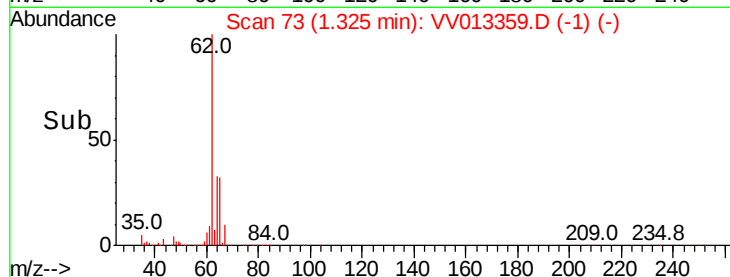
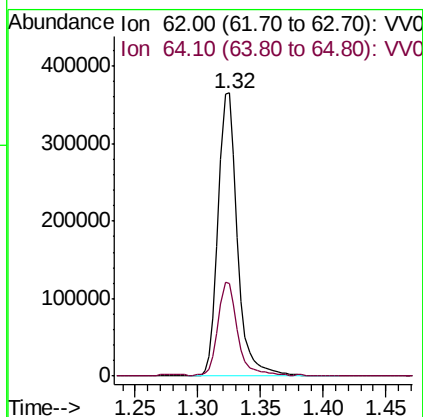
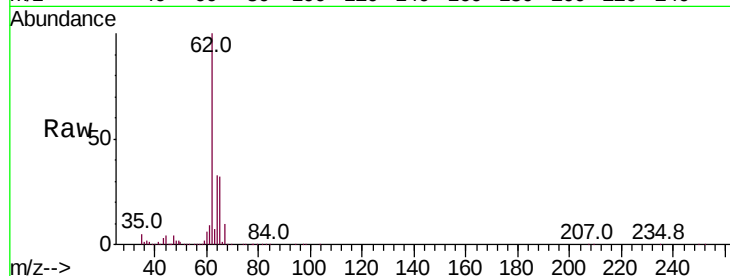
H0G26DL

Tot Ion: 62 Resp: 392148

Ion Ratio Lower Upper

62 100

64 32.9 22.9 42.5



#17

Methyl tert-butyl Ether

Concen: 0.599 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV013359.D

Acq: 25 Oct 2019 20:55

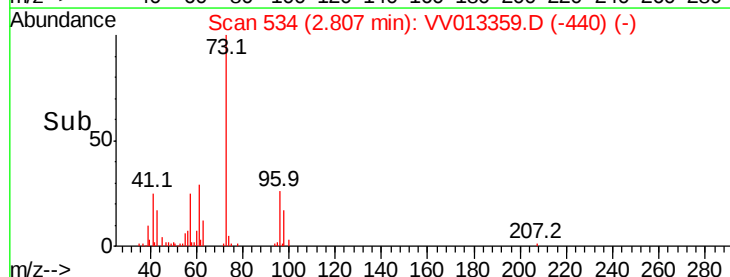
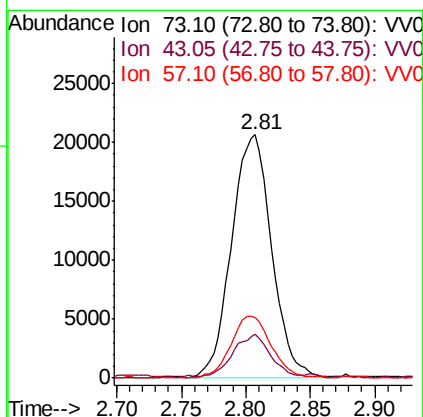
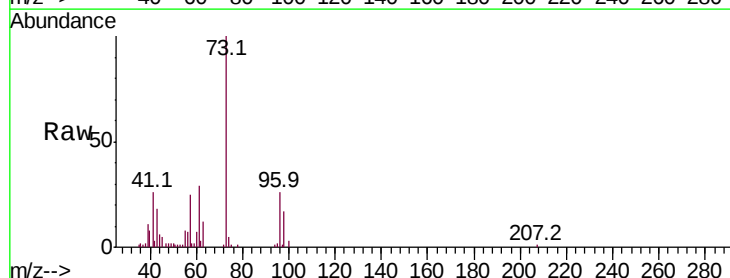
Tgt Ion: 73 Resp: 44861

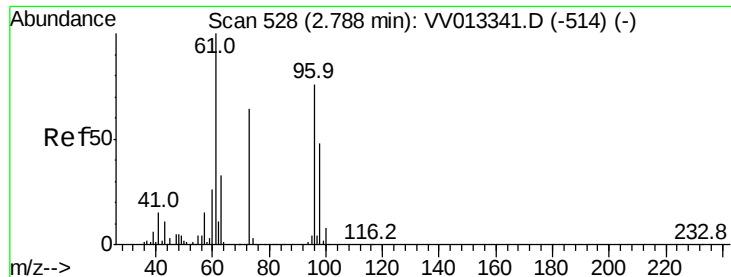
Ion Ratio Lower Upper

73 100

43 16.3 13.1 19.7

57 25.2 16.4 24.6#





#18

trans-1,2-Dichloroethene

Concen: 0.428 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV013359.D

Acq: 25 Oct 2019 20:55

Instrument :

MSVOA_V

ClientSampleId :

H0G26DL

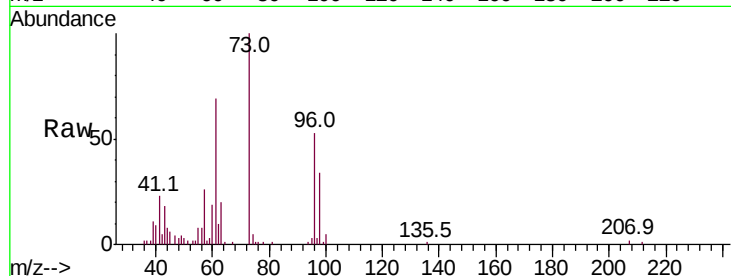
Tot Ion: 96 Resp: 16323

Ion Ratio Lower Upper

96 100

61 131.2 84.4 156.8

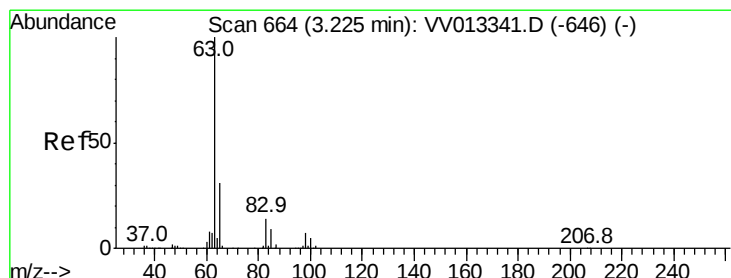
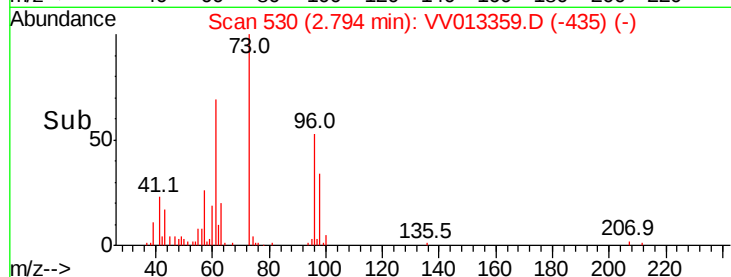
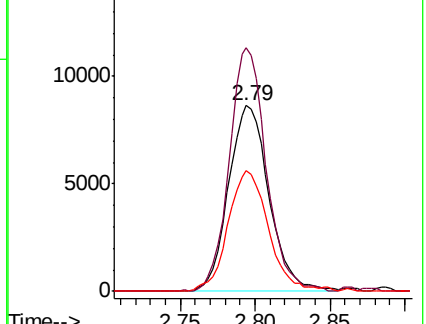
98 65.0 44.4 82.4



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#19

1,1-Dichloroethane

Concen: 0.118 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV013359.D

Acq: 25 Oct 2019 20:55

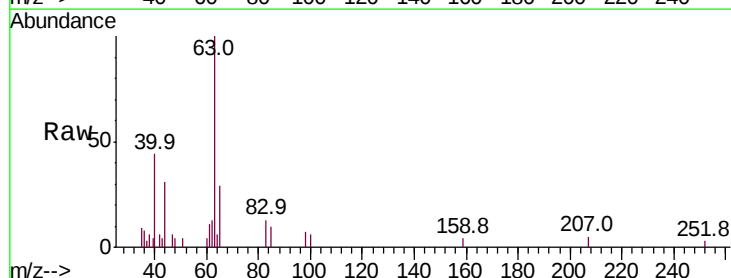
Tgt Ion: 63 Resp: 7297

Ion Ratio Lower Upper

63 100

65 29.2 23.0 42.8

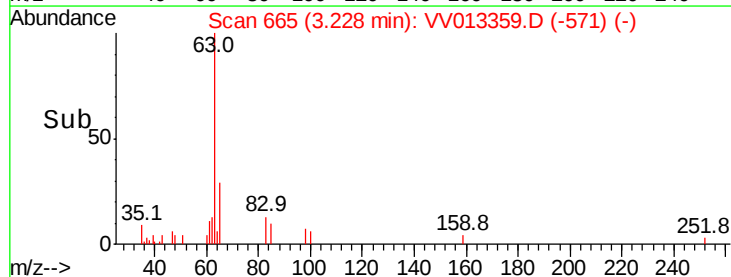
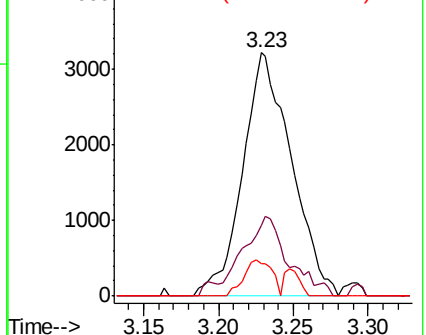
83 13.1 10.2 19.0

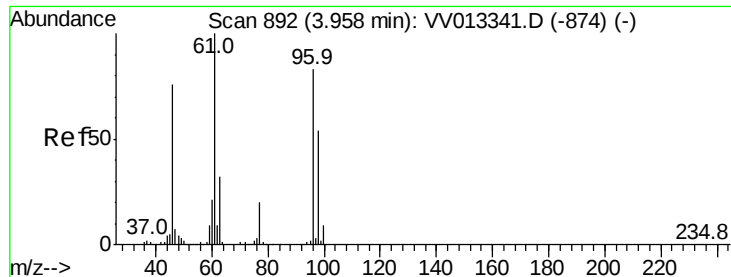


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0





#22

cis-1,2-Dichloroethene
 Concen: 1.280 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: VV013359.D
 Acq: 25 Oct 2019 20:55

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G26DL

Tot Ion: 96 Resp: 52272
 Ion Ratio Lower Upper
 96 100
 61 116.3 77.3 143.7
 68 0.0 0.1 0.1#

