

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010448.D
 Acq On : 23 Apr 2019 10:55
 Operator : SY/MD
 Sample : K2481-08MS
 Misc : 5.06G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHW2

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:20:46 AM

Quant Time: Apr 24 02:44:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 02:09:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	21048	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	18601	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	4258	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2085	7.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	28.76%#
7) Chloroethane-d5	1.58	69	3553	15.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.00%
10) 1,1-Dichloroethene-d2	2.14	63	7024	12.97	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.88%
20) 2-Butanone-d5	3.95	46	2531m	37.33	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.66%
24) Chloroform-d	4.41	84	12016m	23.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	5.09	65	7506	23.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.16%
29) Benzene-d6	5.10	84	20961	24.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.64%
33) 1,2-Dichloropropane-d6	6.12	67	7218	28.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.00%
37) Toluene-d8	7.36	98	19400	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.72%
38) trans-1,3-Dichloropropene-	7.67	79	1843	14.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.08%
39) 2-Hexanone-d5	8.14	63	1331	26.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	6704	27.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.64%
61) 1,2-Dichlorobenzene-d4	11.68	152	5665	35.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	140.04%#

Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.15	96	4805	18.129 ug/L #	80
34) Benzene	5.15	78	26595	32.346 ug/L	100
35) Trichloroethene	5.96	95	7198	28.868 ug/L #	80
44) Toluene	7.43	91	30093	30.287 ug/L	99
52) Chlorobenzene	8.93	112	17145	24.613 ug/L	98

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

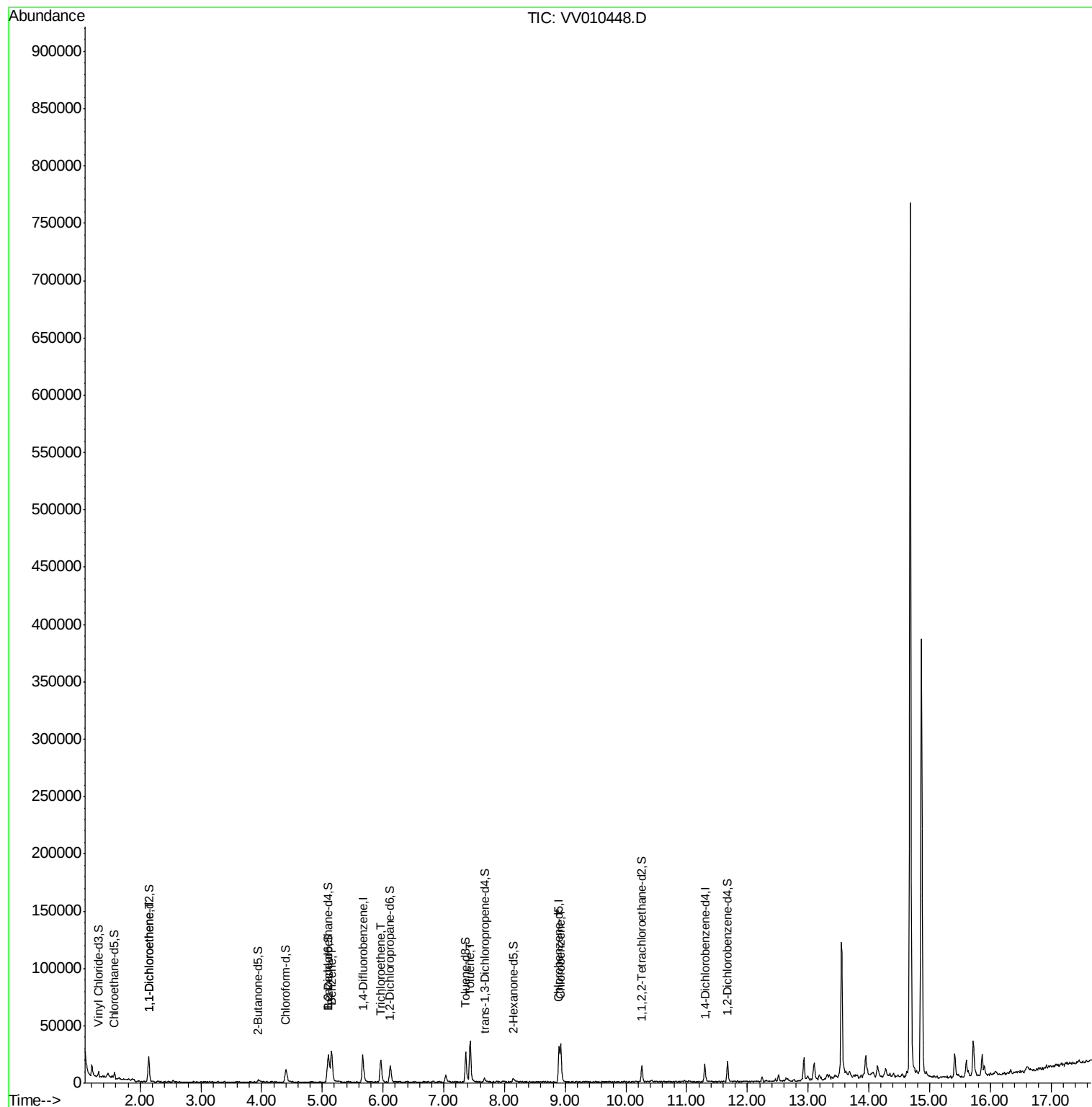
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV042219\
Data File : VV010448.D
Acq On : 23 Apr 2019 10:55
Operator : SY/MD
Sample : K2481-08MS
Misc : 5.06G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

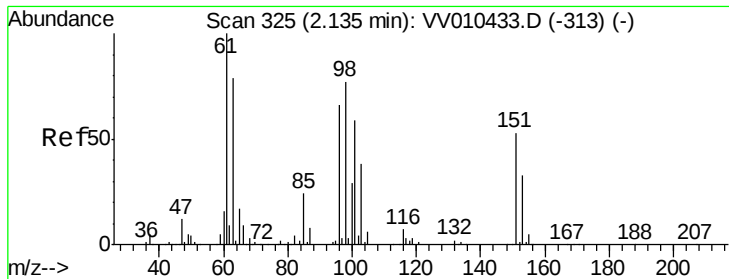
Instrument :
MSVOA_V
ClientSampleId :
GAHW2

Manual Integrations
APPROVED

MMDadoda
4/25/2019 9:20:46 AM

Quant Time: Apr 24 02:44:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 02:09:39 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 18.129 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.01 min

Lab File: VV010448.D

Acq: 23 Apr 2019 10:55

Instrument :

MSVOA_V

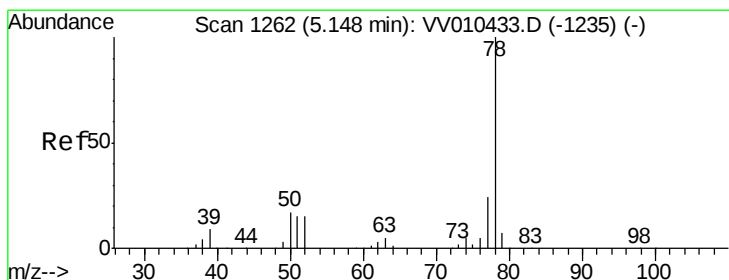
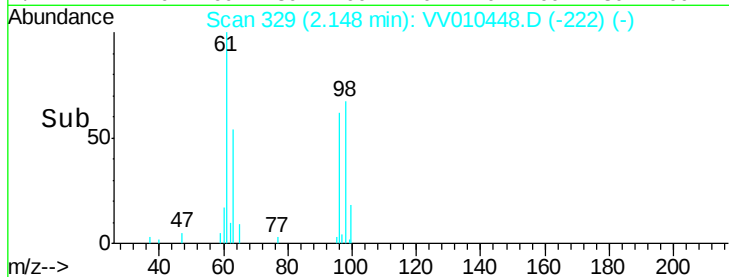
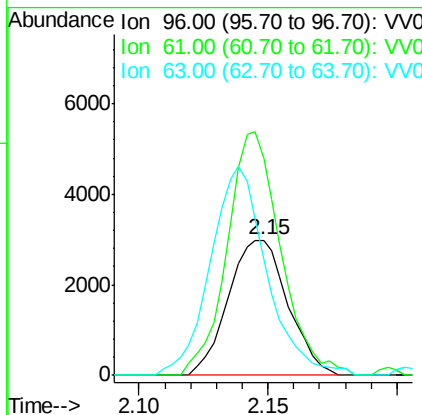
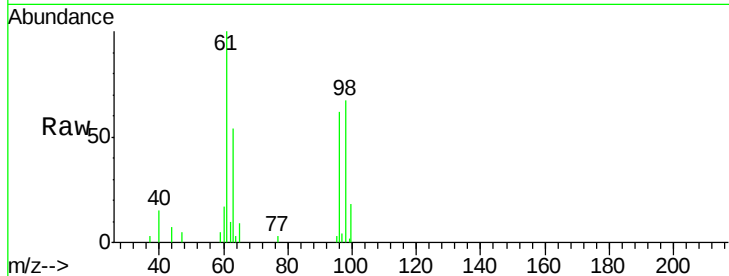
ClientSampleId :

GAHW2

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.5	105.3	195.5
63	86.1	87.8	163.2

Manual Integrations
APPROVED

MMDadoda
4/25/2019 9:20:46 AM



#34

Benzene

Concen: 32.346 ug/L

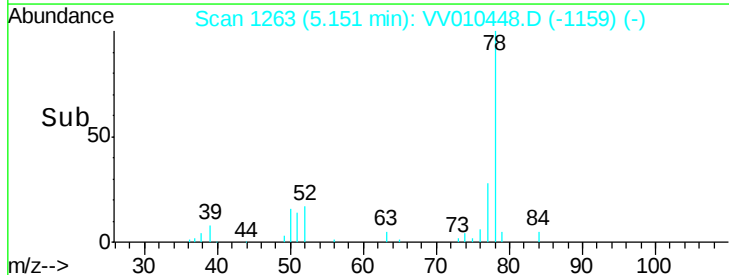
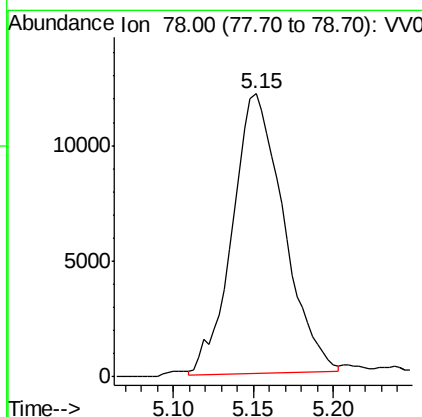
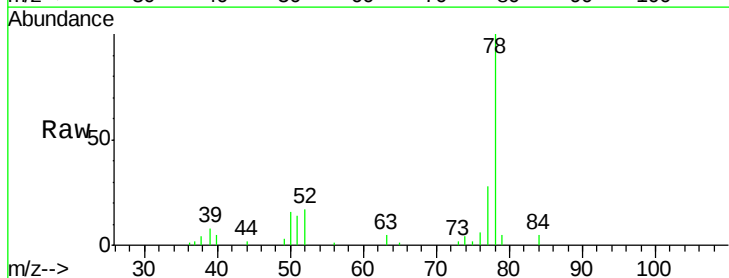
RT: 5.15 min Scan# 1263

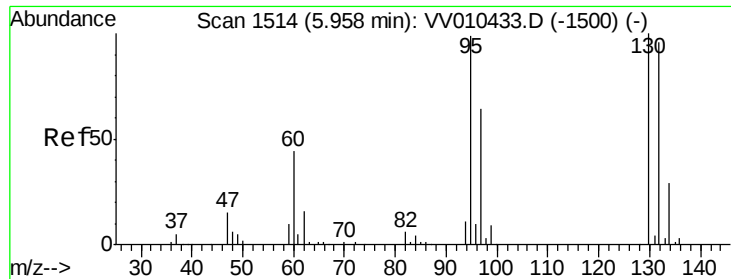
Delta R.T. 0.00 min

Lab File: VV010448.D

Acq: 23 Apr 2019 10:55

Tgt Ion: 78 Resp: 26595





#35

Trichloroethene

Concen: 28.868 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV010448.D

Acq: 23 Apr 2019 10:55

Instrument :

MSVOA_V

ClientSampleId :

GAHW2

Tot Ion: 95 Resp: 7198

Ion Ratio Lower Upper

95 100

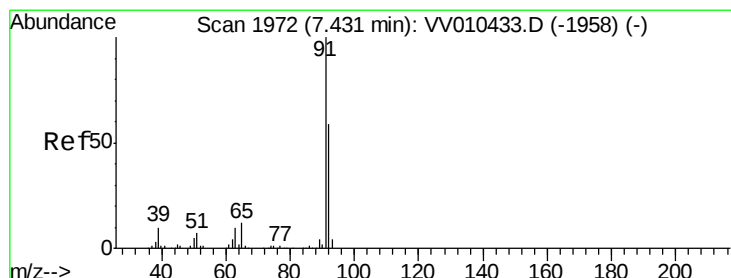
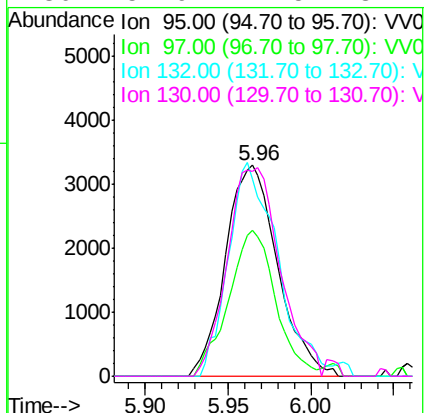
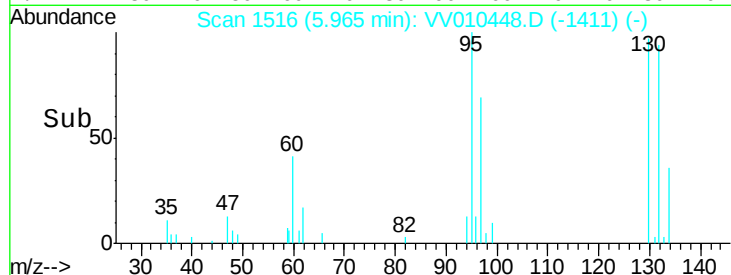
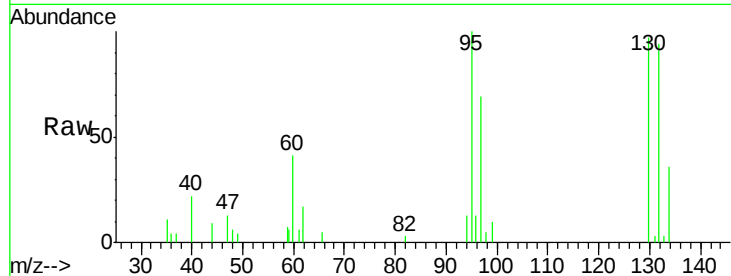
97 62.3 44.4 82.4

132 96.1 69.0 128.1

130 51.9 71.5 132.7#

Manual Integrations
APPROVED

MMDadoda
4/25/2019 9:20:46 AM



#44

Toluene

Concen: 30.287 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV010448.D

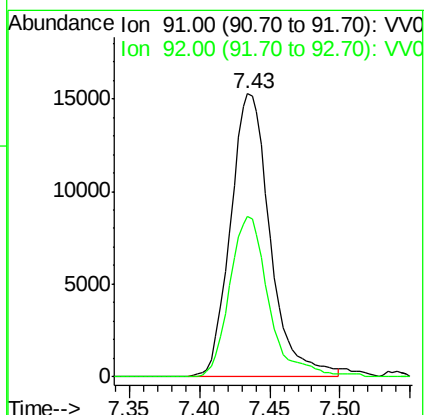
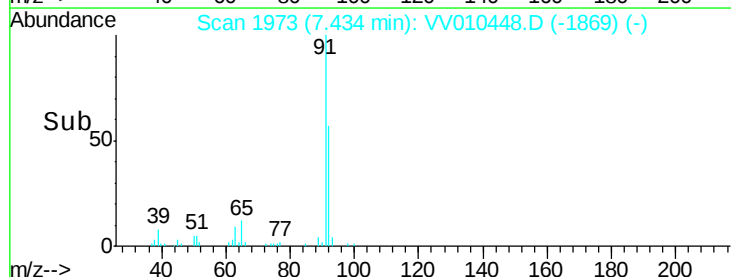
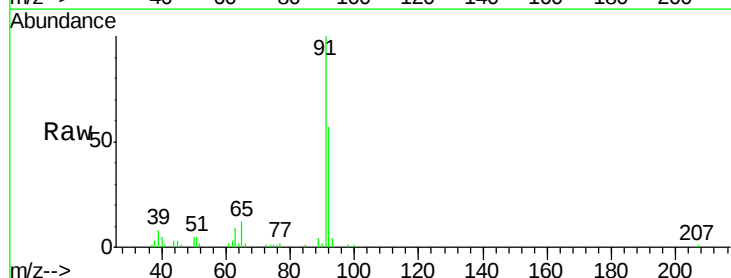
Acq: 23 Apr 2019 10:55

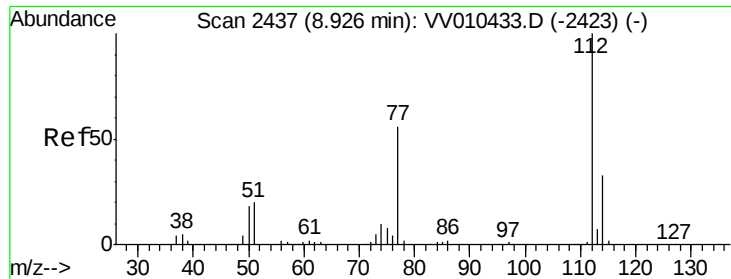
Tgt Ion: 91 Resp: 30093

Ion Ratio Lower Upper

91 100

92 56.9 40.5 75.1





#52
 Chlorobenzene
 Concen: 24.613 ug/L
 RT: 8.93 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: VV010448.D
 Acq: 23 Apr 2019 10:55

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHW2

Tot Ion	Ratio	Resp	Lower	Upper
112	100	17145		
77	56.2		46.2	69.2
114	32.4		22.5	41.7

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 9:20:46 AM

