

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013221.D
 Acq On : 19 Oct 2019 00:01
 Operator : SY/MD
 Sample : K5404-03
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

MMDadoda
 11/1/2019 8:08:17 AM

Quant Time: Nov 01 04:15:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 04:09:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	425034	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	460215	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232943	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	176699	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.58	69	150233	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.13	63	213298	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.97	46	423404	47.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.30%
24) Chloroform-d	4.40	84	372620	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	182363	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	735297	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.12	67	230788	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.36	98	599642	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	7.66	79	69825	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.14	63	304088	40.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	166954	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	236832	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds					Qvalue
13) Acetone	2.26	43	5955m	1.354	ug/L
17) Methyl tert-butyl Ether	2.81	73	19966	0.218	ug/L # 88
27) 1,2-Dichloroethane	5.18	62	29296	0.627	ug/L # 92
42) Toluene	7.43	91	16155	0.085	ug/L 94
51) Chlorobenzene	8.92	112	10824	0.088	ug/L 93

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

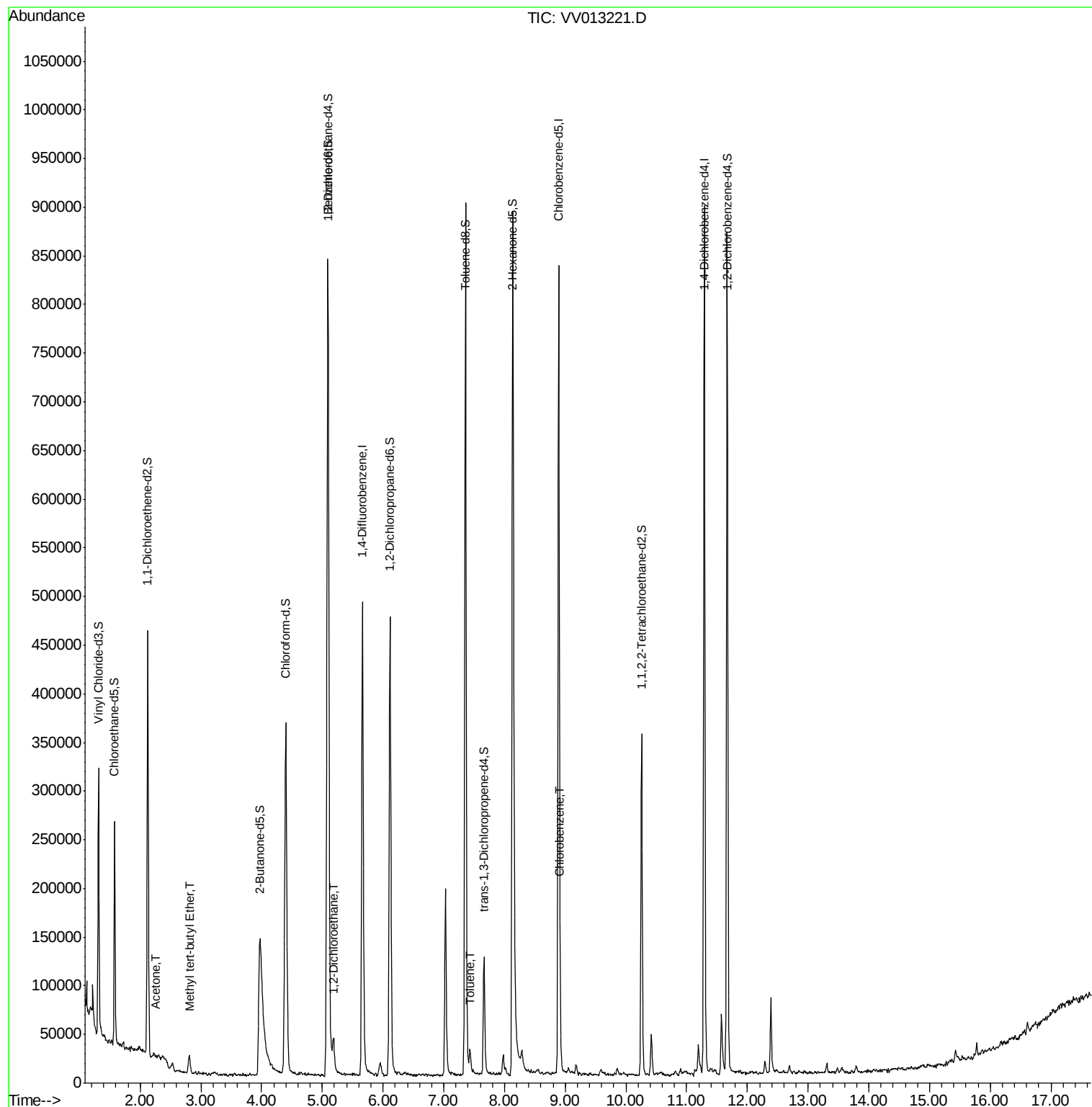
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Data File : VV013221.D
Acq On : 19 Oct 2019 00:01
Operator : SY/MD
Sample : K5404-03
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

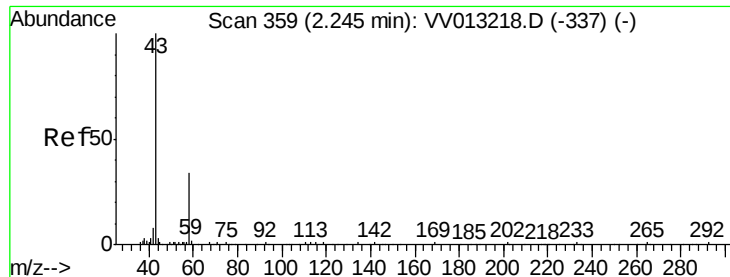
Instrument :
MSVOA_V
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

MMDadoda
11/1/2019 8:08:17 AM

Quant Time: Nov 01 04:15:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 04:09:56 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.354 ug/L m

RT: 2.26 min Scan# 364

Delta R.T. 0.02 min

Lab File: VV013221.D

Acq: 19 Oct 2019 00:01

Instrument :

MSVOA_V

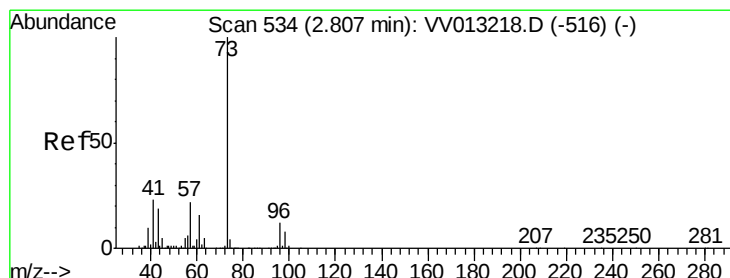
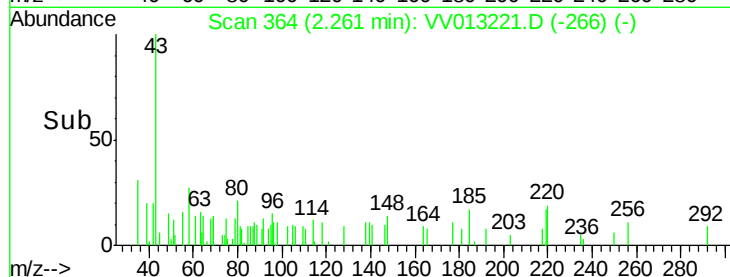
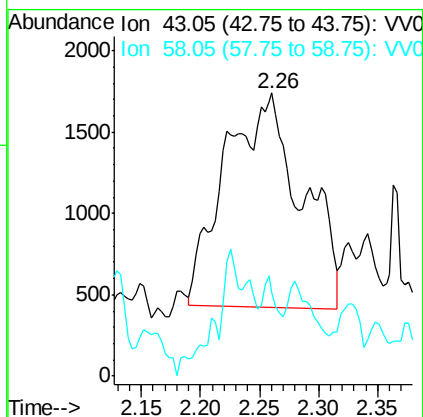
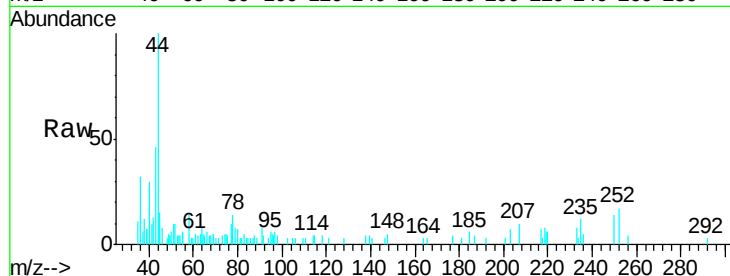
ClientSampleId :

C0AA9

Tgt Ion:	43	Resp:	5955
Ion Ratio	Lower	Upper	
43	100		
58	4.6	0.0	52.4

Manual Integrations
APPROVED

MMDadoda
11/1/2019 8:08:17 AM



#17

Methyl tert-butyl Ether

Concen: 0.218 ug/L

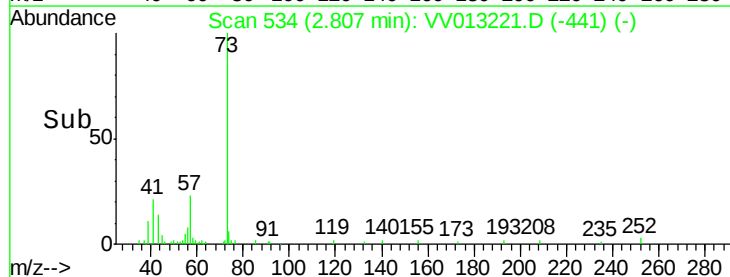
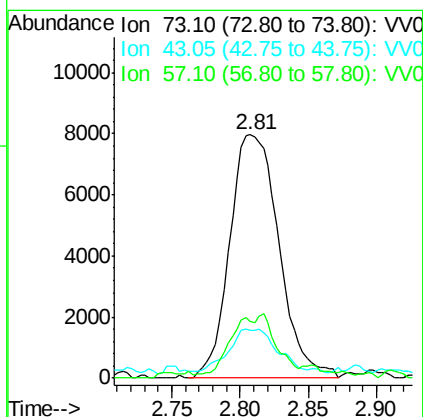
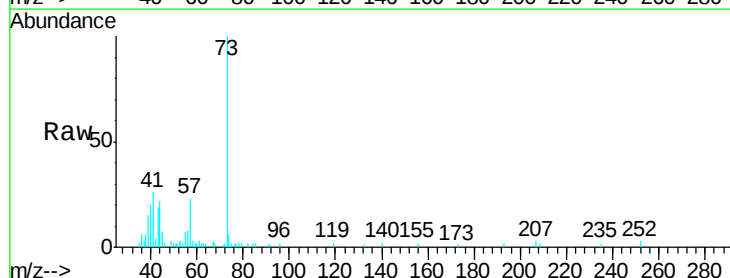
RT: 2.81 min Scan# 534

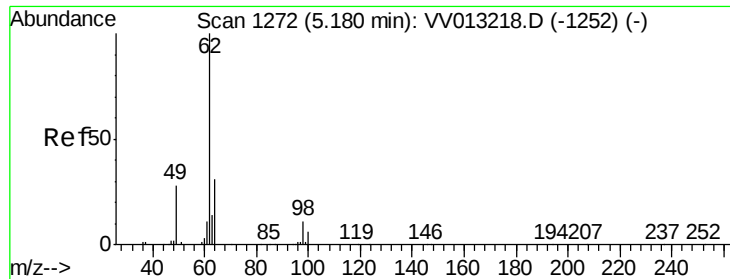
Delta R.T. 0.00 min

Lab File: VV013221.D

Acq: 19 Oct 2019 00:01

Tgt Ion:	73	Resp:	19966
Ion Ratio	Lower	Upper	
73	100		
43	16.1	14.6	22.0
57	13.4	17.8	26.8#





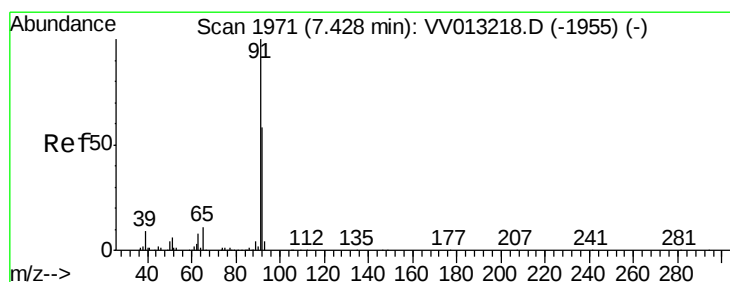
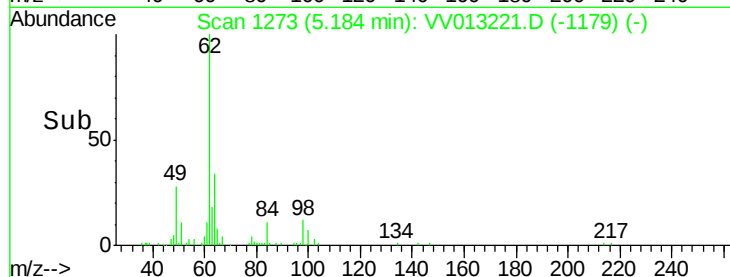
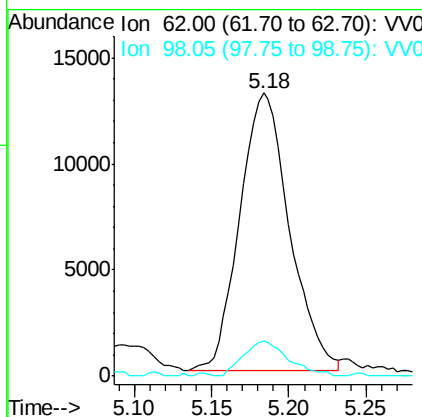
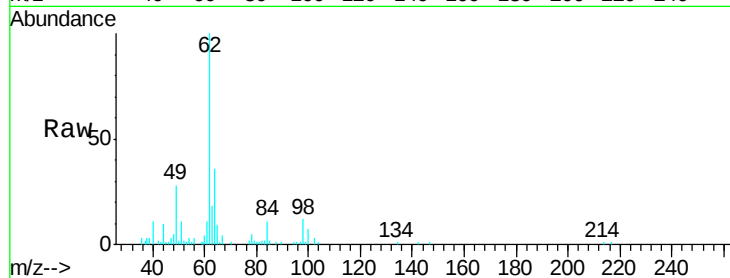
#27
 1,2-Dichloroethane
 Concen: 0.627 ug/L
 RT: 5.18 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VV013221.D
 Acq: 19 Oct 2019 00:01

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA9

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	29296		
98	12.3		7.4	11.2#

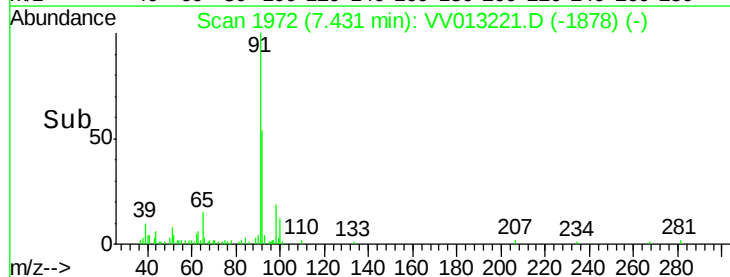
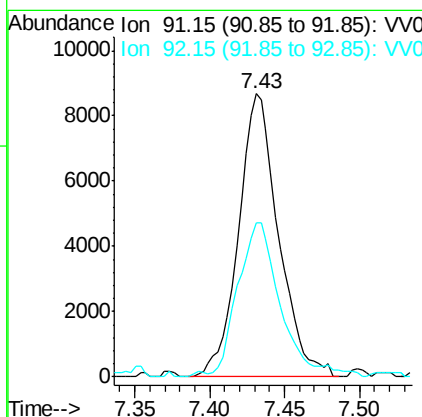
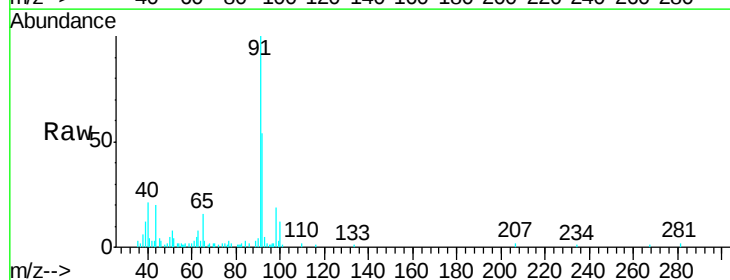
Manual Integrations
 APPROVED

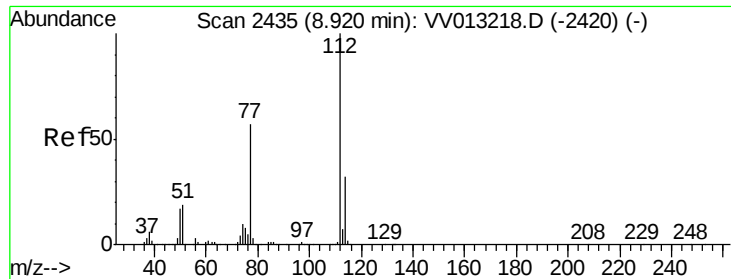
MMDadoda
 11/1/2019 8:08:17 AM



#42
 Toluene
 Concen: 0.085 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV013221.D
 Acq: 19 Oct 2019 00:01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	16155		
92	54.5		41.2	76.4





#51
 Chlorobenzene
 Concen: 0.088 ug/L
 RT: 8.92 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: VV013221.D
 Acq: 19 Oct 2019 00:01

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA9

Tgt Ion:	112	Resp:	10824
Ion Ratio	Lower	Upper	
112	100		
114	32.5	22.6	42.0
77	67.4	47.5	71.3

Manual Integrations
 APPROVED

MMDadoda
 11/1/2019 8:08:17 AM

