

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
 Data File : VW009553.D
 Acq On : 28 Mar 2019 23:29
 Operator : SY/VA
 Sample : K2120-07
 Misc : 5.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5D1

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:06:12 AM

Quant Time: Mar 29 09:11:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 07:41:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	394356	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	378637	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156492	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	150754	31.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.96%
7) Chloroethane-d5	2.89	69	140711	25.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.08%
10) 1,1-Dichloroethene-d2	4.01	63	225107	22.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.40%
20) 2-Butanone-d5	7.07	46	86042	44.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.30%
24) Chloroform-d	7.64	84	282079	26.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.84%
26) 1,2-Dichloroethane-d4	8.30	65	175432	27.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.24%
29) Benzene-d6	8.27	84	540048	25.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.44%
33) 1,2-Dichloropropane-d6	9.27	67	165490	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.56%
37) Toluene-d8	10.32	98	486587	25.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.80%
38) trans-1,3-Dichloropropene-	10.58	79	69374	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.08%
39) 2-Hexanone-d5	10.93	63	55467	36.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142428	23.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	158926	26.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	10857	6.793	ug/L	89
16) Methylene chloride	4.91	84	38369m	6.672	ug/L	
63) 1,3-Dichlorobenzene	13.50	146	6512	0.698	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	8810	0.914	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	60533	6.806	ug/L	96

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

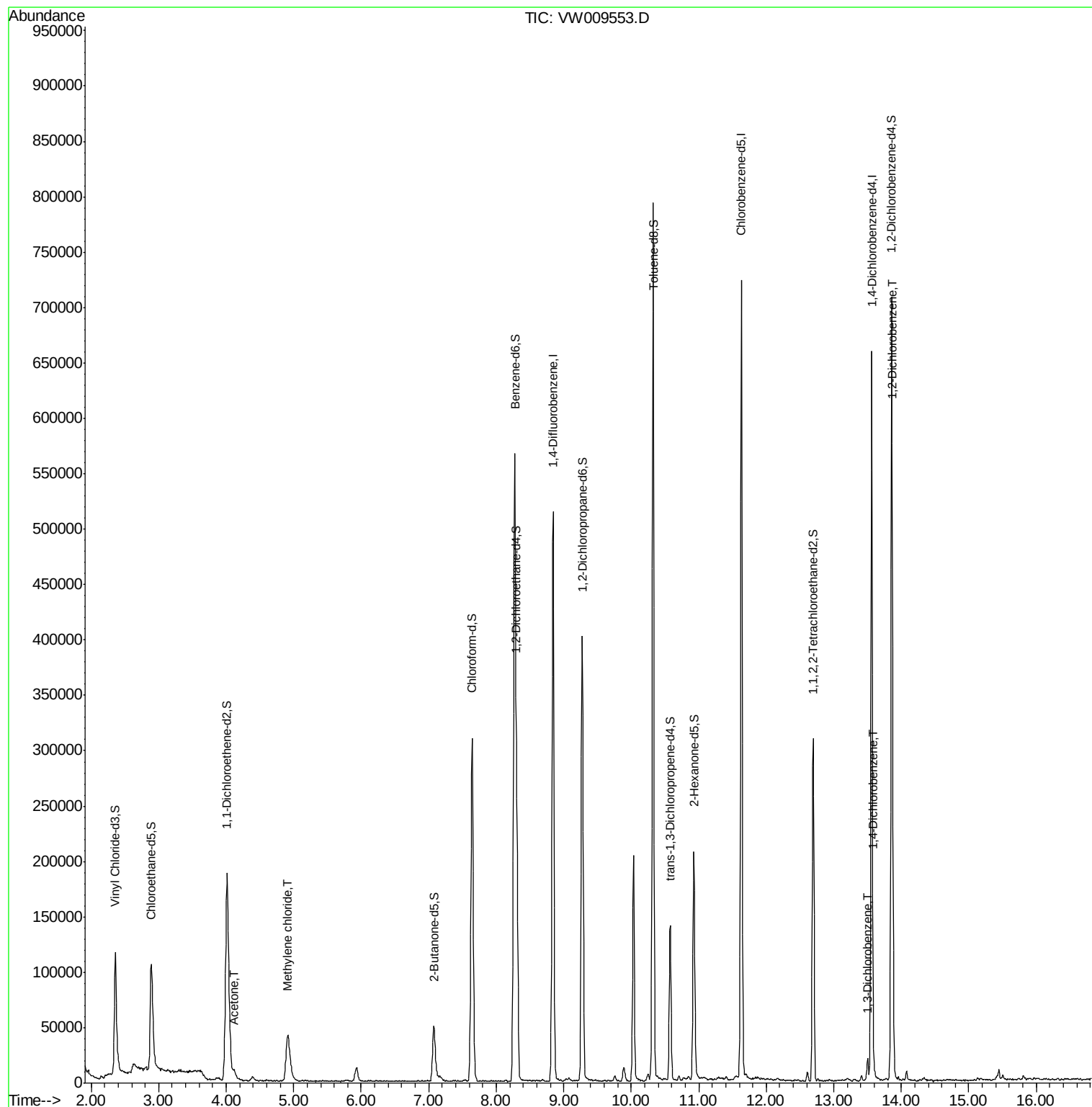
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009553.D
Acq On : 28 Mar 2019 23:29
Operator : SY/VA
Sample : K2120-07
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

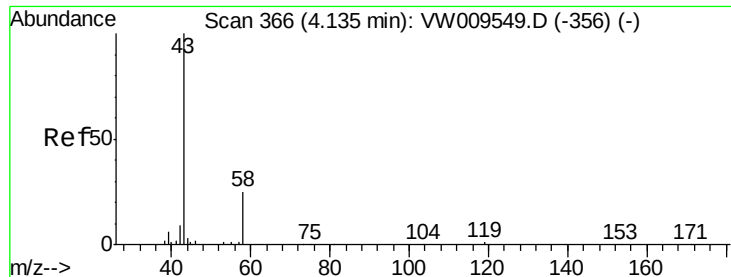
Instrument :
MSVOA_W
ClientSampleId :
BF5D1

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:06:12 AM

Quant Time: Mar 29 09:11:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration





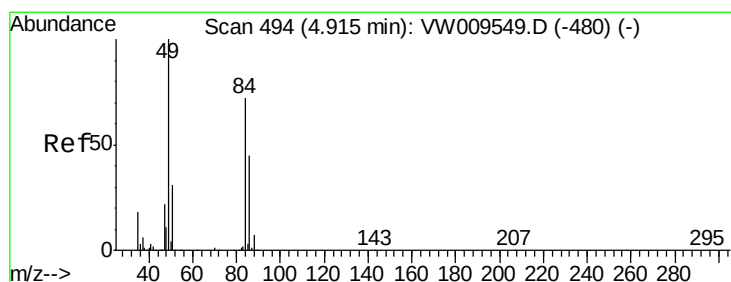
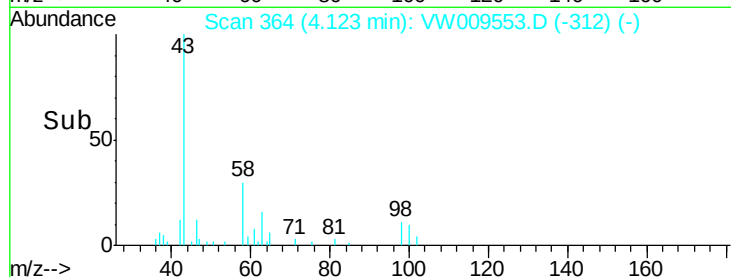
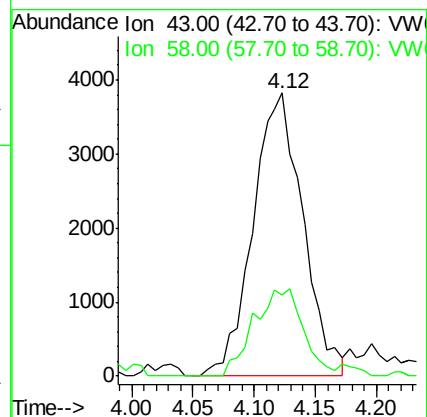
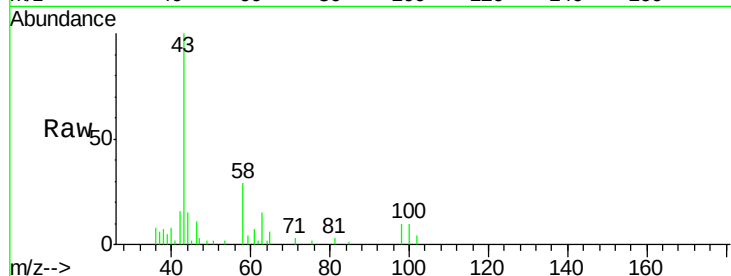
#13
Acetone
Concen: 6.793 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW009553.D
Acq: 28 Mar 2019 23:29

Instrument :
MSVOA_W
ClientSampleId :
BF5D1

Tgt Ion: 43 Resp: 10857
Ion Ratio Lower Upper
43 100
58 22.1 0.0 56.2

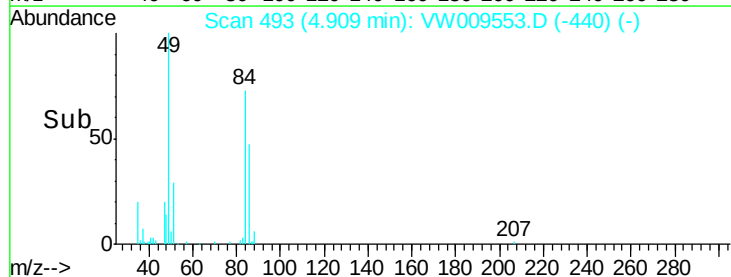
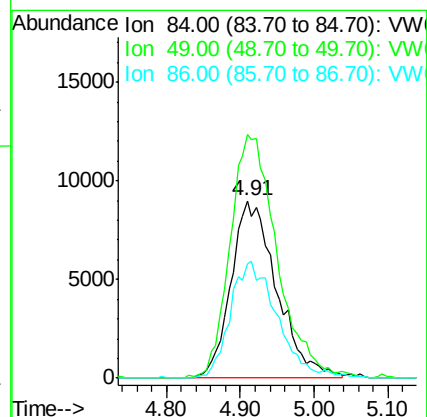
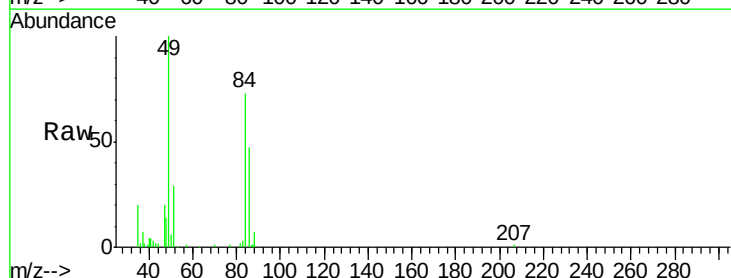
Manual Integrations
APPROVED

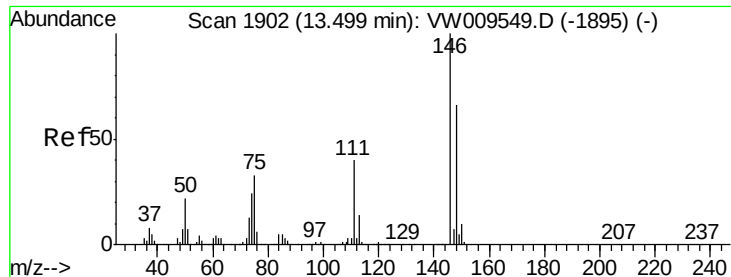
MMDadoda
4/1/2019 4:06:12 AM



#16
Methylene chloride
Concen: 6.672 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009553.D
Acq: 28 Mar 2019 23:29

Tgt Ion: 84 Resp: 38369
Ion Ratio Lower Upper
84 100
49 137.3 96.0 178.2
86 64.4 44.4 82.5





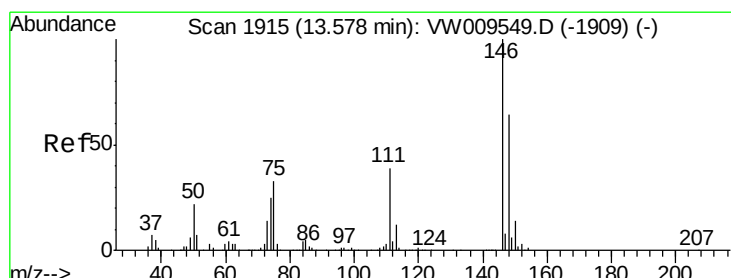
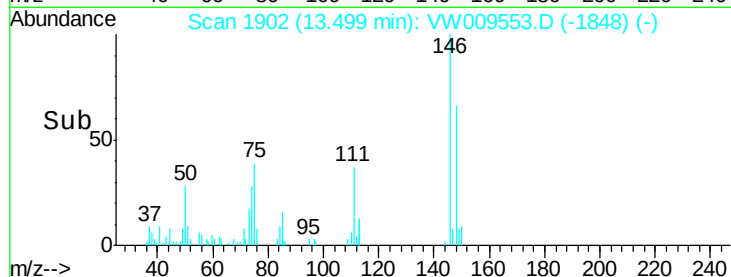
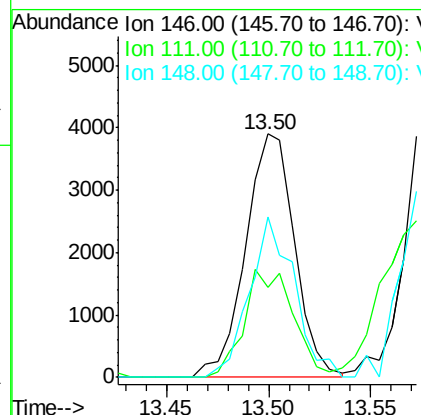
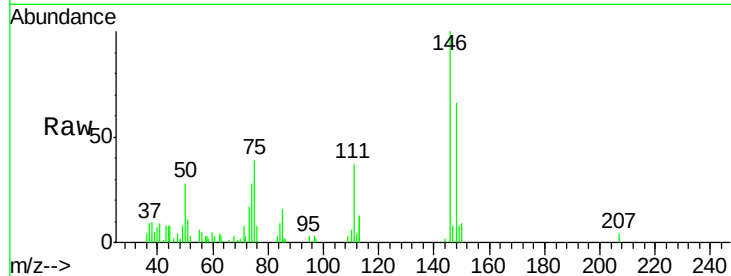
#63
 1,3-Dichlorobenzene
 Concen: 0.698 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009553.D
 Acq: 28 Mar 2019 23:29

Instrument :
 MSVOA_W
 ClientSampled :
 BF5D1

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	26.9	49.9
148	66.1	45.1	83.7

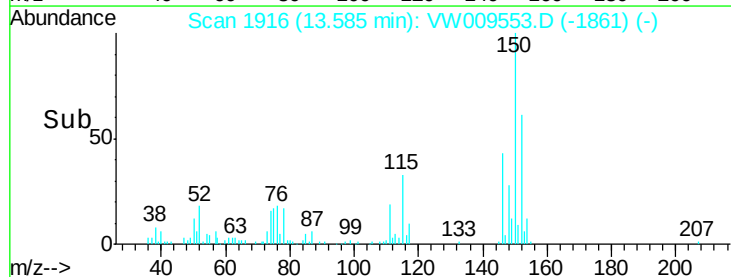
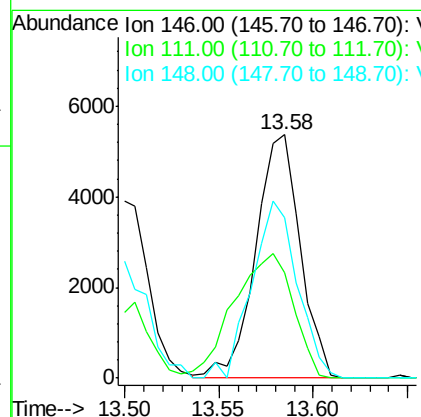
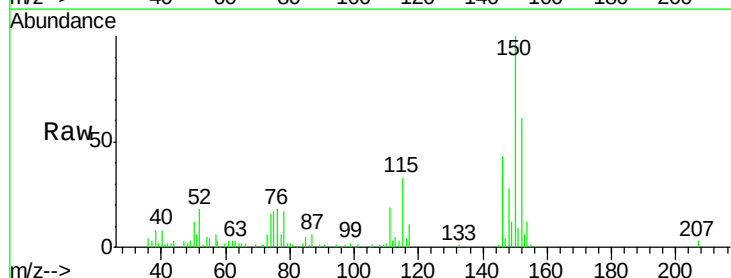
Manual Integrations
 APPROVED

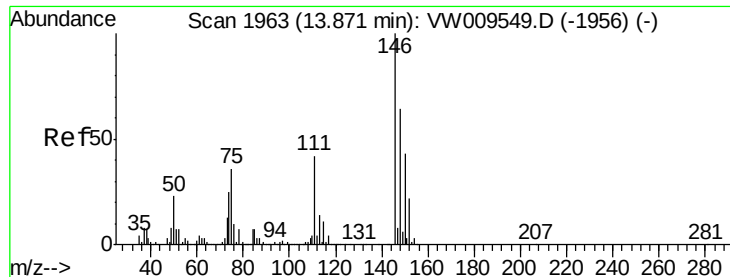
MMDadoda
 4/1/2019 4:06:12 AM



#64
 1,4-Dichlorobenzene
 Concen: 0.914 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW009553.D
 Acq: 28 Mar 2019 23:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	27.8	51.6
148	65.7	46.3	86.1





#65
 1,2-Dichlorobenzene
 Concen: 6.806 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009553.D
 Acq: 28 Mar 2019 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5D1

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	33.5	50.3
148	67.6	50.2	75.2

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:06:12 AM

