

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016814.D
 Acq On : 06 Oct 2020 23:53
 Operator : SY/VA
 Sample : L4209-11
 Misc : 6.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLWW2

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:38:37 PM

Quant Time: Oct 07 05:03:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	538833	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	394063	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103380	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	148836	28.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.00%
7) Chloroethane-d5	2.89	69	123249	27.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.56%
10) 1,1-Dichloroethene-d2	4.03	63	203466	18.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.12%
20) 2-Butanone-d5	7.08	46	57375	47.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.30%
24) Chloroform-d	7.65	84	302396	26.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	8.31	65	153306	27.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.68%
29) Benzene-d6	8.27	84	600230	33.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	134.16%
33) 1,2-Dichloropropane-d6	9.27	67	166452	34.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.44%#
37) Toluene-d8	10.32	98	506679	30.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.00%
38) trans-1,3-Dichloropropene-	10.58	79	63531	29.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.80%
39) 2-Hexanone-d5	10.93	63	46065	61.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112241	28.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	87811	26.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	4292	4.711	ug/L	66
16) Methylene chloride	4.93	84	13327m	1.792	ug/L	
35) Trichloroethene	9.09	95	3149	0.526	ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	2639	1.095	ug/L	90
47) Tetrachloroethene	10.87	164	2473102	445.643	ug/L	97

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

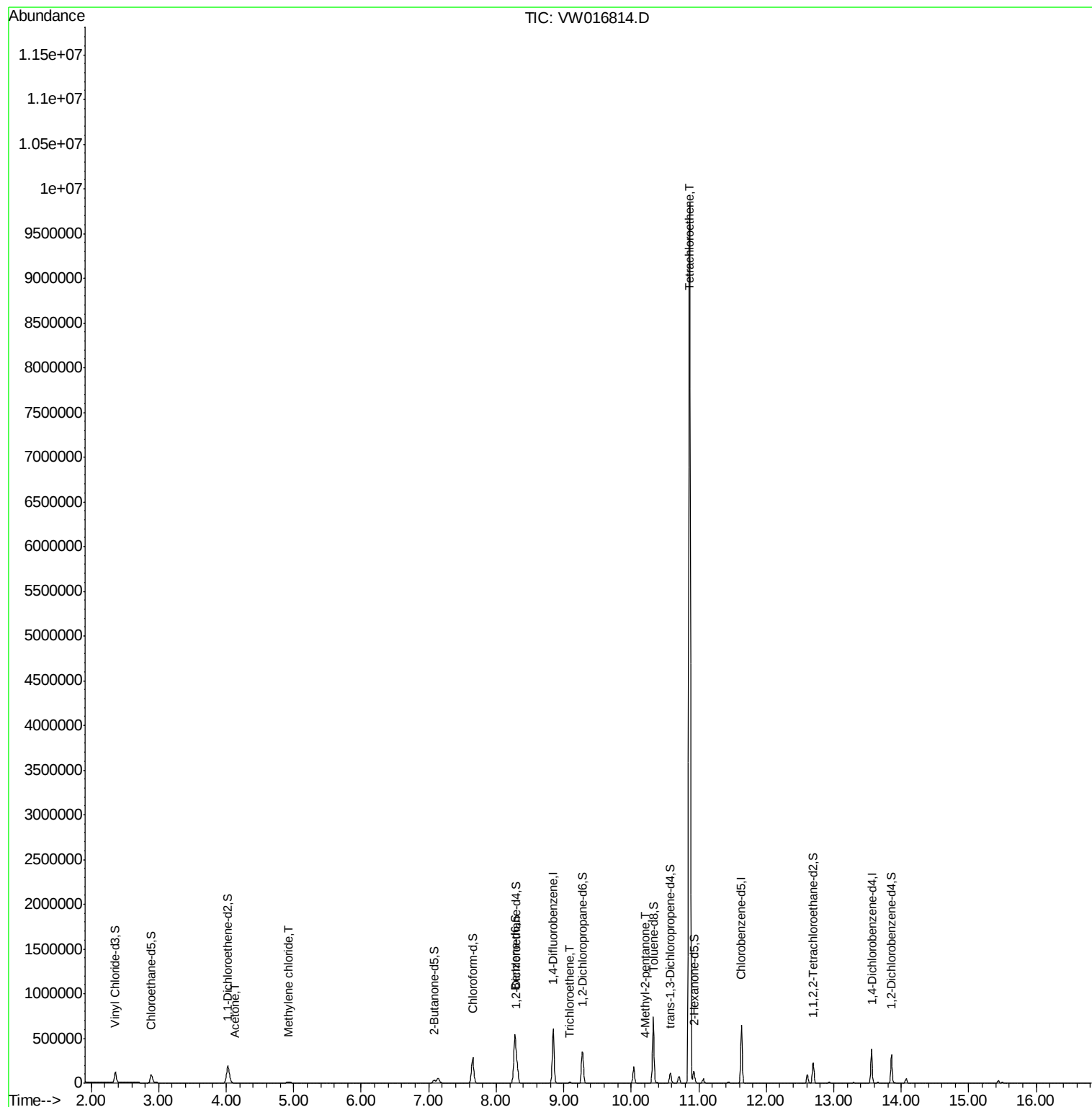
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
Data File : VW016814.D
Acq On : 06 Oct 2020 23:53
Operator : SY/VA
Sample : L4209-11
Misc : 6.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

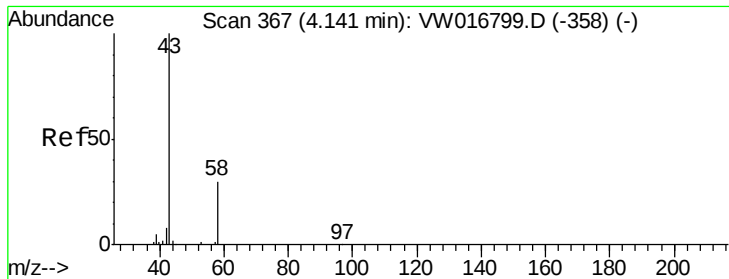
Instrument :
MSVOA_W
ClientSampleId :
JLWW2

Manual Integrations
APPROVED

MMDadoda
10/8/2020 5:38:37 PM

Quant Time: Oct 07 05:03:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.711 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016814.D

Acq: 06 Oct 2020 23:53

Instrument :

MSVOA_W

ClientSampleId :

JLWW2

Tot Ion: 43 Resp: 4292

Ion Ratio Lower Upper

43 100

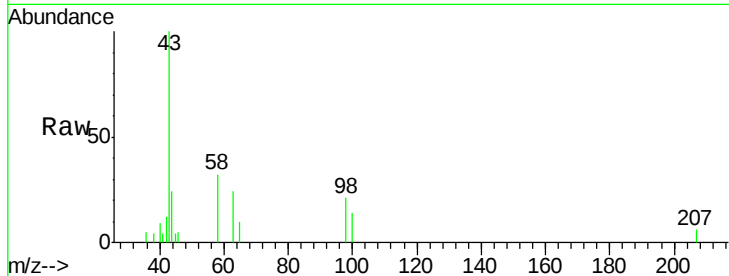
58 14.3 0.0 67.6

Manual Integrations

APPROVED

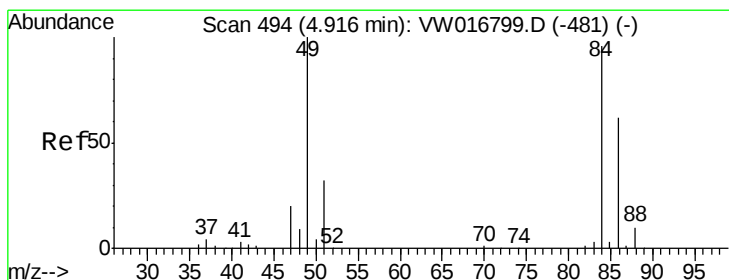
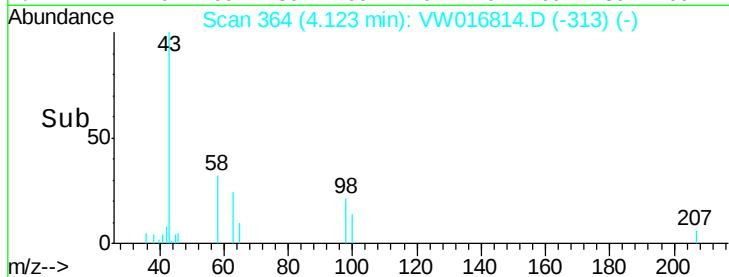
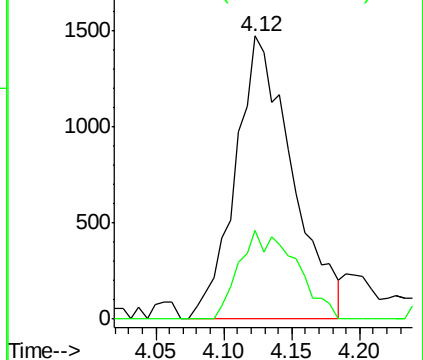
MMDadoda

10/8/2020 5:38:37 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.792 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016814.D

Acq: 06 Oct 2020 23:53

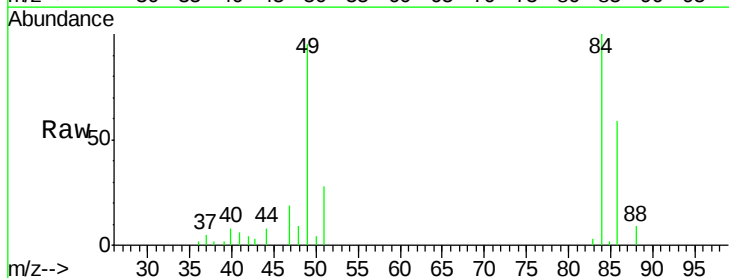
Tgt Ion: 84 Resp: 13327

Ion Ratio Lower Upper

84 100

49 95.4 73.1 135.8

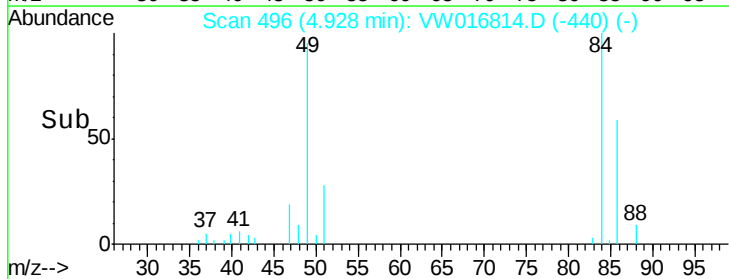
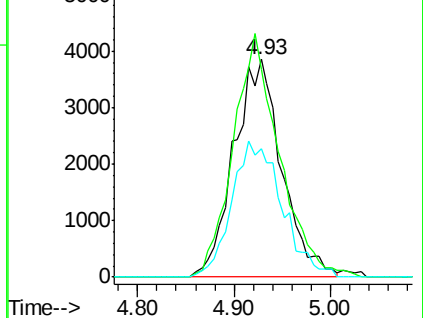
86 58.7 46.0 85.4

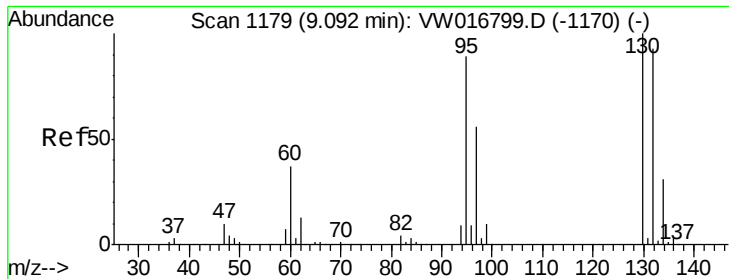


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





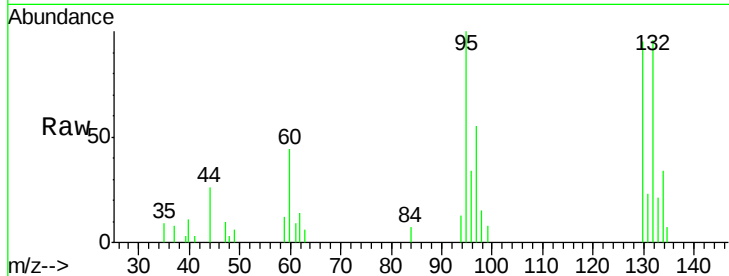
#35
 Trichloroethene
 Concen: 0.526 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW016814.D
 Acq: 06 Oct 2020 23:53

Instrument :
 MSVOA_W
 ClientSampled :
 JLWW2

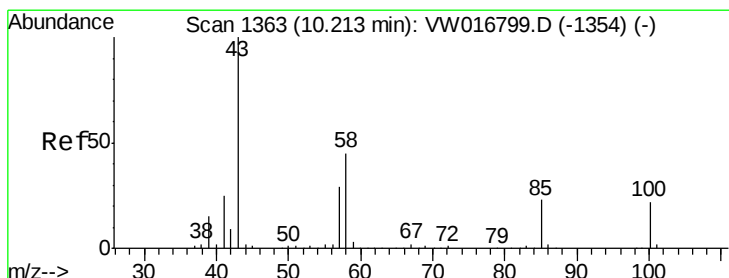
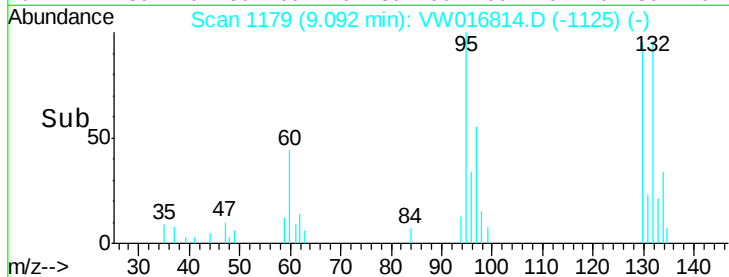
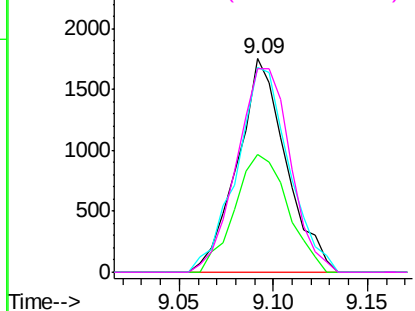
Tot Ion	Ratio	Lower	Upper
95	100		
97	59.9	44.7	83.1
132	102.6	73.8	137.2
130	104.6	77.1	143.3

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:38:37 PM

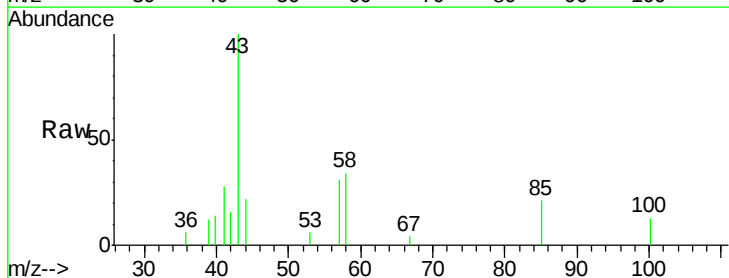


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

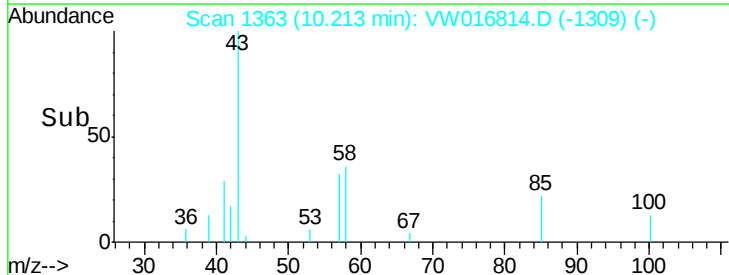
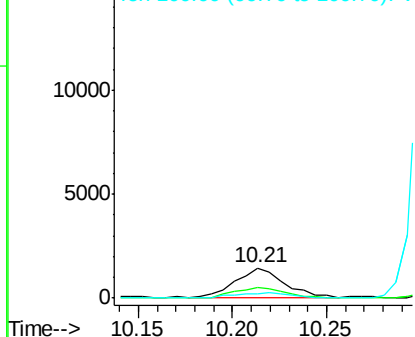


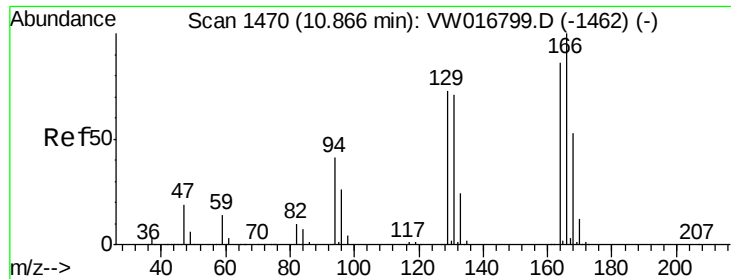
#43
 4-Methyl-2-pentanone
 Concen: 1.095 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW016814.D
 Acq: 06 Oct 2020 23:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.0	34.7	52.1
100	18.6	16.9	25.3



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW
 Ion 100.00 (99.70 to 100.70): V





#47
Tetrachloroethene
Concen: 445.643 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016814.D
Acq: 06 Oct 2020 23:53

Instrument :
MSVOA_W
ClientSampleId :
JLWW2

Tot Ion	Ratio	Lower	Upper
164	100		
129	88.9	61.7	114.7
131	85.7	59.7	110.9
166	134.0	88.3	164.1

Manual Integrations
APPROVED

MMDadoda
10/8/2020 5:38:37 PM

