

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102620\
 Data File : VW016998.D
 Acq On : 26 Oct 2020 14:59
 Operator : SY/VA
 Sample : L4502-11
 Misc : 4.53G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG438

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 3:35:20 PM

Quant Time: Oct 27 09:03:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	541036	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	470953	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189735	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125633	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.48%
7) Chloroethane-d5	2.89	69	97365	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.48%
10) 1,1-Dichloroethene-d2	4.03	63	177499	14.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.44%
20) 2-Butanone-d5	7.08	46	60211	51.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.38%
24) Chloroform-d	7.65	84	254775	20.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.68%
26) 1,2-Dichloroethane-d4	8.31	65	129185	22.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.00%
29) Benzene-d6	8.27	84	526651	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	9.27	67	147634	22.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.44%
37) Toluene-d8	10.33	98	484797	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.16%
38) trans-1,3-Dichloropropene-	10.58	79	59045	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.20%
39) 2-Hexanone-d5	10.93	63	50041	54.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118174	23.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	147382	22.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.40%

Target Compounds

					Ovalue
5) Vinyl chloride	2.36	62	2588	0.332 ug/L #	1
13) Acetone	4.14	43	5319m	6.720 ug/L	
14) Carbon disulfide	4.39	76	21253	0.990 ug/L	99
16) Methylene chloride	4.93	84	7277	1.017 ug/L	94
43) 4-Methyl-2-pentanone	10.21	43	3182	1.155 ug/L #	92

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

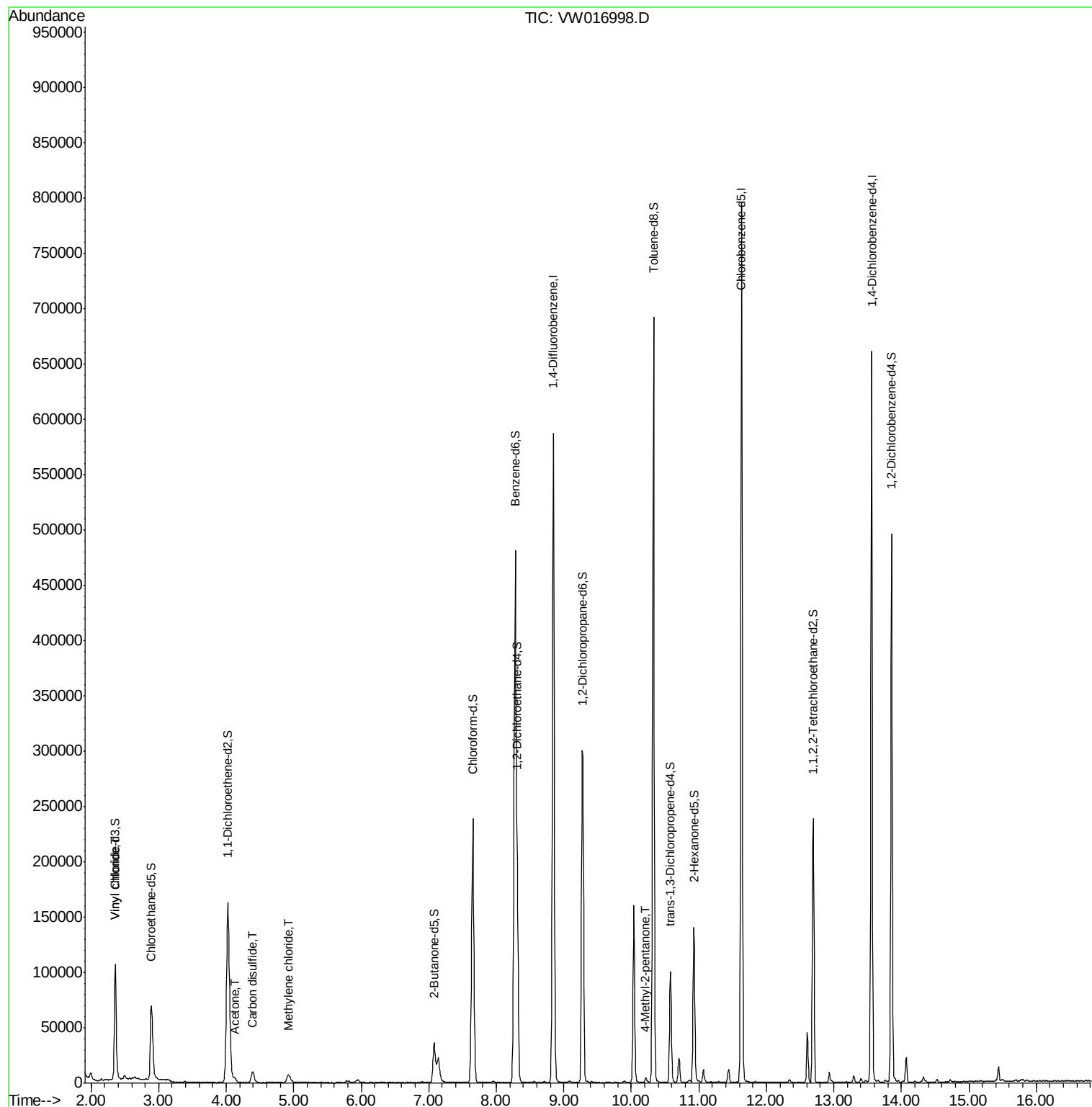
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102620\
Data File : VW016998.D
Acq On : 26 Oct 2020 14:59
Operator : SY/VA
Sample : L4502-11
Misc : 4.53G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

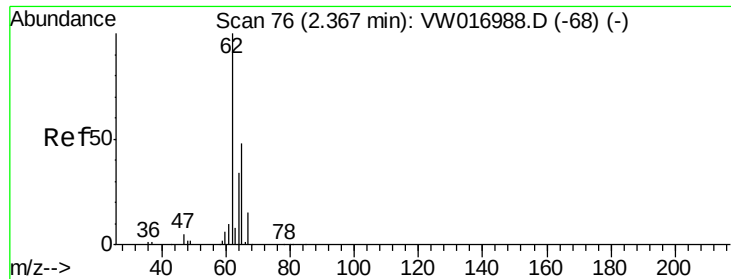
Instrument :
MSVOA_W
ClientSampleId :
BG438

Manual Integrations
APPROVED

MMDadoda
10/27/2020 3:35:20 PM

Quant Time: Oct 27 09:03:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 27 08:16:51 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.332 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016998.D

Acq: 26 Oct 2020 14:59

Instrument :

MSVOA_W

ClientSampleId :

BG438

Tot Ion: 62 Resp: 2588

Ion Ratio Lower Upper

62 100

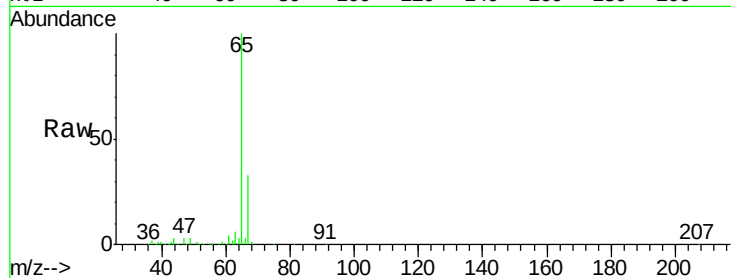
64 156.3 24.1 44.7#

Manual Integrations

APPROVED

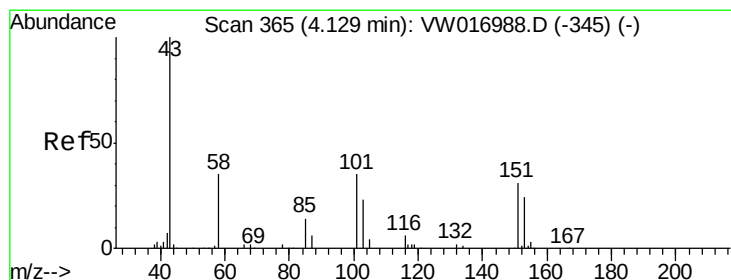
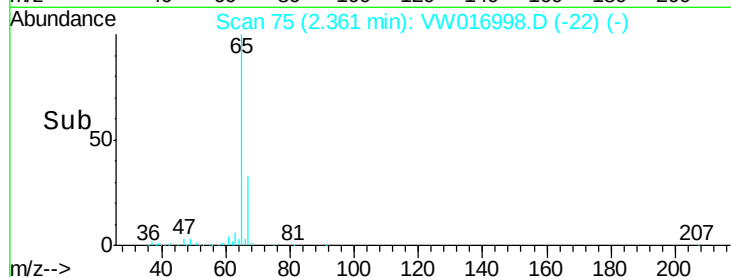
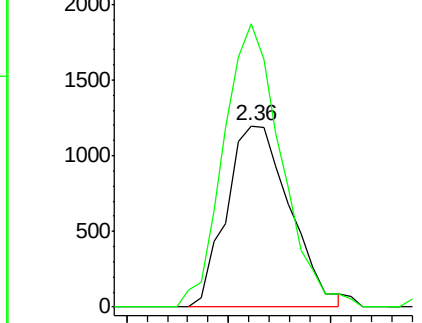
MMDadoda

10/27/2020 3:35:20 PM



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#13

Acetone

Concen: 6.720 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016998.D

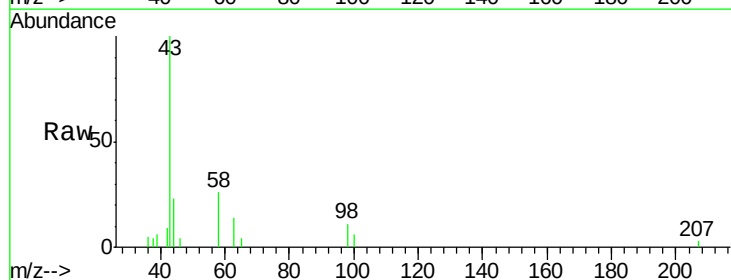
Acq: 26 Oct 2020 14:59

Tgt Ion: 43 Resp: 5319

Ion Ratio Lower Upper

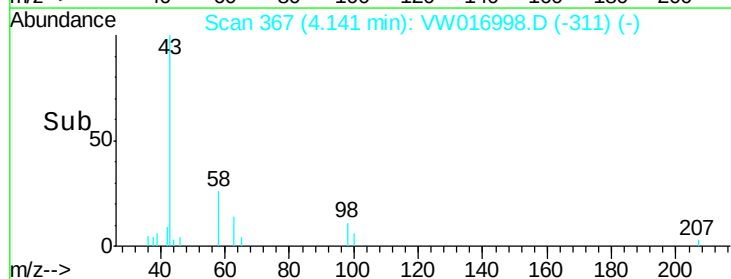
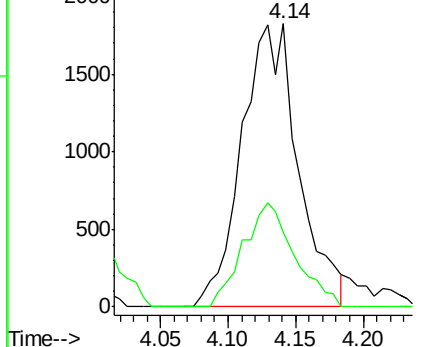
43 100

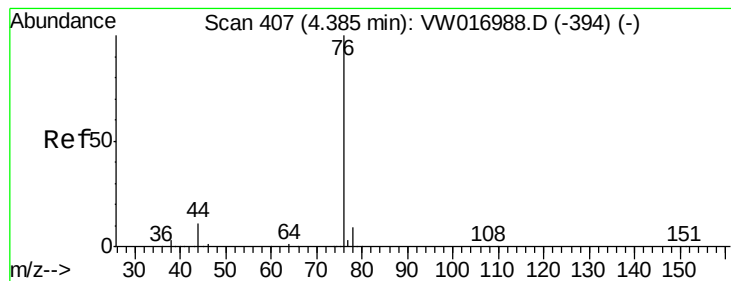
58 33.4 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#14

Carbon disulfide

Concen: 0.990 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW016998.D

Acq: 26 Oct 2020 14:59

Instrument :

MSVOA_W

ClientSampleId :

BG438

Tot Ion: 76 Resp: 21253

Ion Ratio Lower Upper

76 100

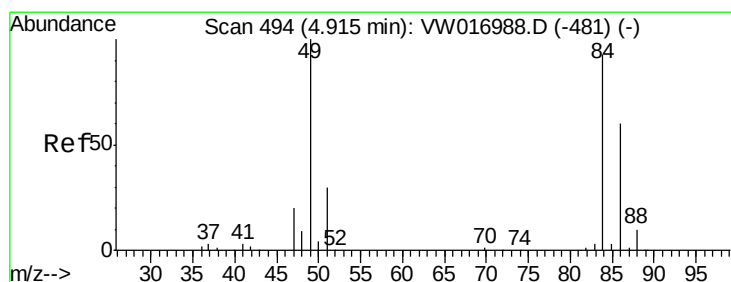
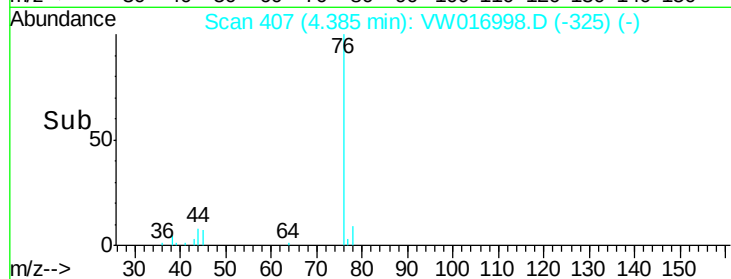
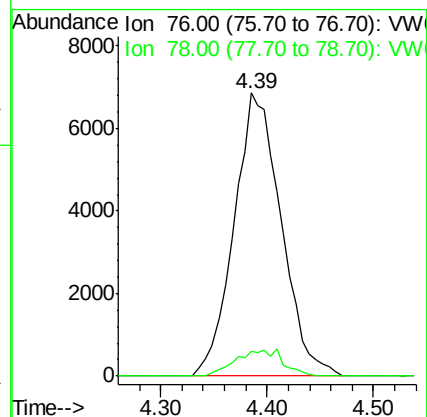
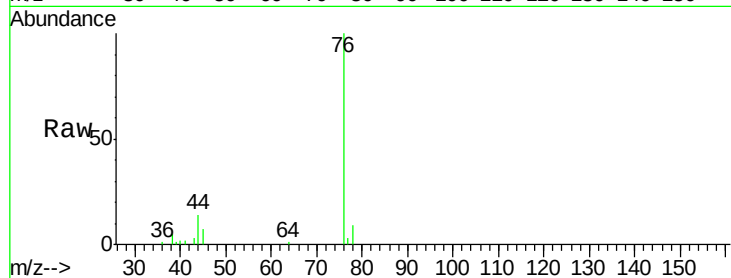
78 8.6 7.3 10.9

Manual Integrations

APPROVED

MMDadoda

10/27/2020 3:35:20 PM



#16

Methylene chloride

Concen: 1.017 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016998.D

Acq: 26 Oct 2020 14:59

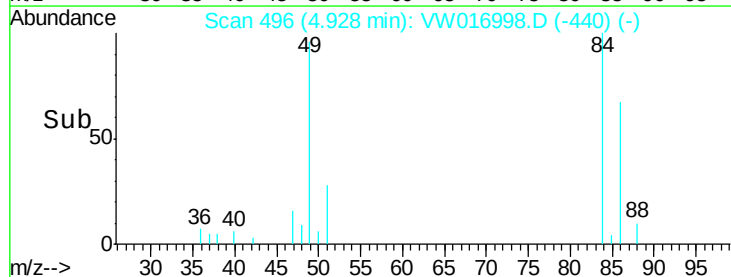
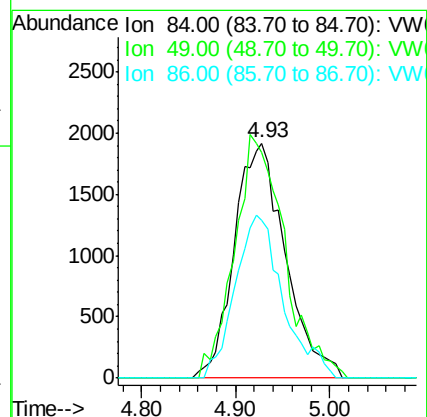
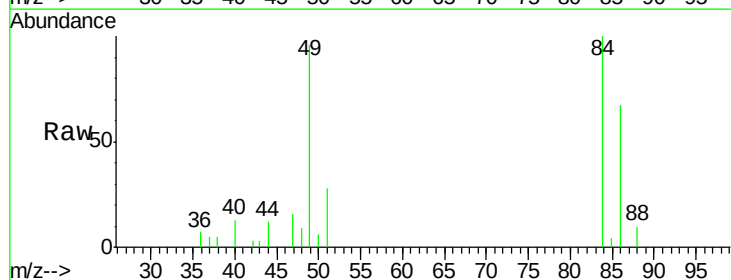
Tgt Ion: 84 Resp: 7277

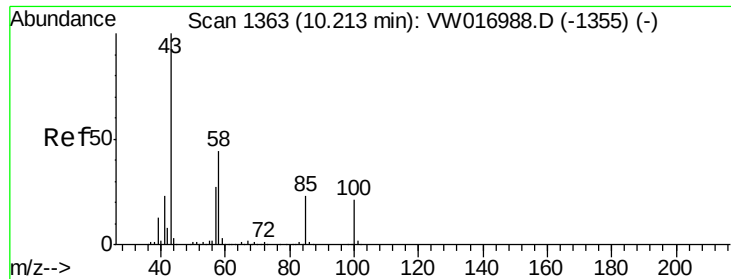
Ion Ratio Lower Upper

84 100

49 96.0 73.8 137.0

86 67.2 47.4 88.0





#43
 4-Methyl-2-pentanone
 Concen: 1.155 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW016998.D
 Acq: 26 Oct 2020 14:59

Instrument :
 MSVOA_W
 ClientSampled :
 BG438

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.2	34.4	51.6
100	9.6	16.2	24.2

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 3:35:20 PM

