

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017446.D
 Acq On : 21 Nov 2020 03:20
 Operator : SY/VA
 Sample : L4860-13
 Misc : 5.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BD9

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Nov 21 05:25:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 21 02:27:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	11/23/2020 12:53:03 PM
1) 1,4-Difluorobenzene	8.84	114	344820	25.00	ug/L	0.00	
28) Chlorobenzene-d5	11.63	117	325275	25.00	ug/L	0.00	
60) 1,4-Dichlorobenzene-d4	13.56	152	171720	25.00	ug/L	0.00	

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89012	17.44	ug/L	0.00	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.76%	
7) Chloroethane-d5	2.89	69	103912	25.63	ug/L	0.00	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.52%	
10) 1,1-Dichloroethene-d2	4.01	63	132697	14.86	ug/L	0.00	
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.44%	
20) 2-Butanone-d5	7.07	46	40981	48.88	ug/L	0.00	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.76%	
24) Chloroform-d	7.65	84	225586	24.90	ug/L	0.00	
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.60%	
26) 1,2-Dichloroethane-d4	8.31	65	115998m	26.50	ug/L	0.00	
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.00%	
29) Benzene-d6	8.27	84	425817	23.22	ug/L	0.00	
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.88%	
33) 1,2-Dichloropropane-d6	9.27	67	120370	24.64	ug/L	0.00	
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.56%	
37) Toluene-d8	10.32	98	401534	23.26	ug/L	0.00	
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.04%	
38) trans-1,3-Dichloropropene-	10.58	79	48833	22.96	ug/L	0.00	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.84%	
39) 2-Hexanone-d5	10.93	63	31577	48.21	ug/L	0.00	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.42%	
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94016	25.40	ug/L	0.00	
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.60%	
61) 1,2-Dichlorobenzene-d4	13.85	152	146610	23.13	ug/L	0.00	
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.52%	

Target Compounds					Ovalue
13) Acetone	4.12	43	1819	2.974 ug/L	99
16) Methylene chloride	4.92	84	16098	2.729 ug/L	93
43) 4-Methyl-2-pentanone	10.21	43	1764	0.855 ug/L	97

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

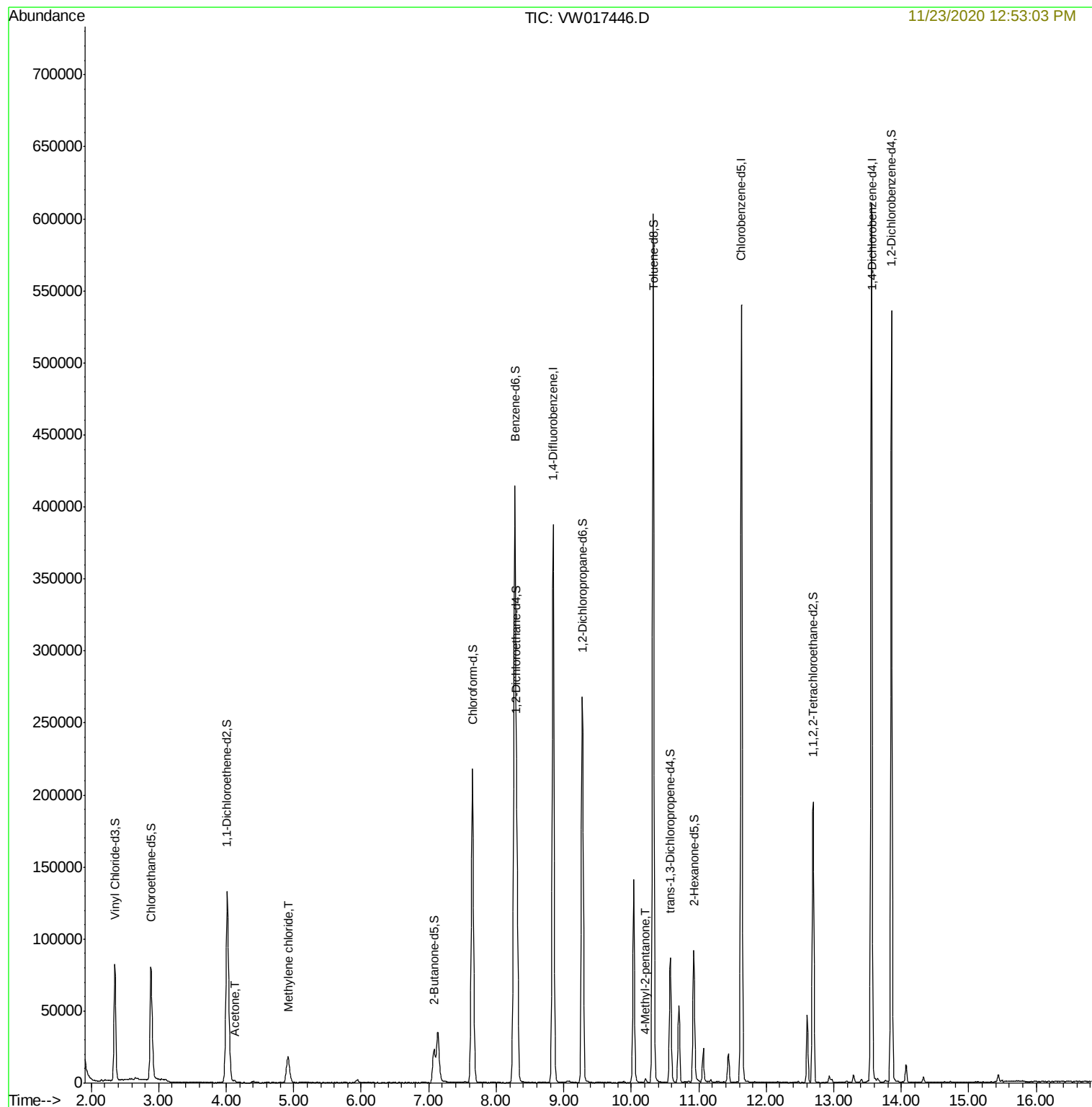
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112020\
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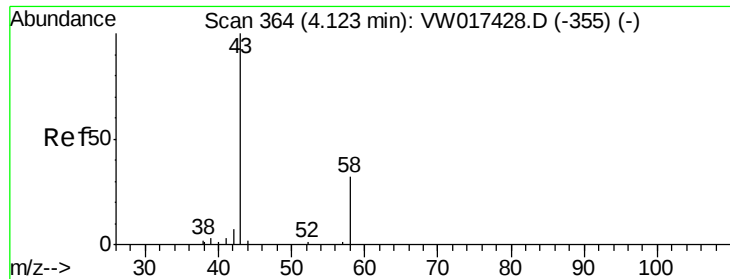
Instrument :
MSVOA_W
ClientSampleId :
C0BD9

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Quant Time: Nov 21 05:25:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.974 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW017446.D

Acq: 21 Nov 2020 03:20

Instrument :

MSVOA_W

ClientSampleId :

C0BD9

Tot Ion: 43 Resp: 1819

Ion Ratio Lower Upper

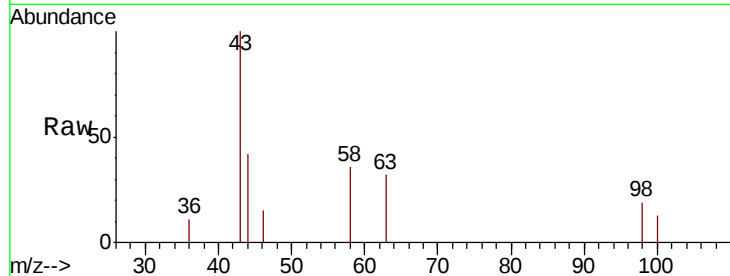
43 100

58 34.1 0.0 67.0

Manual Integrations

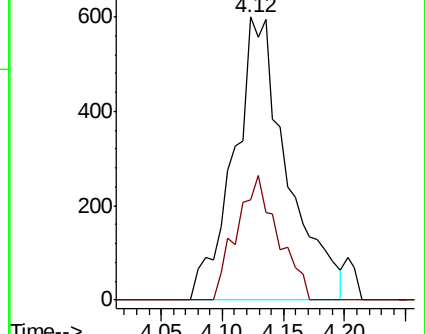
APPROVED

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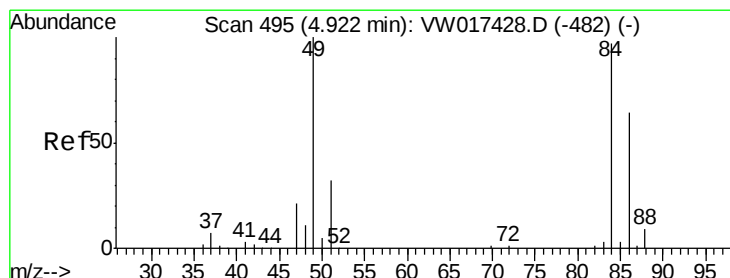
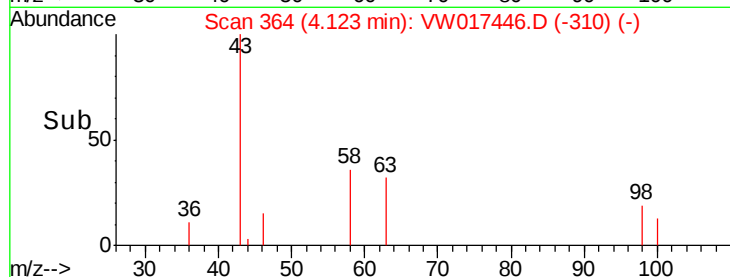


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



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#16

Methylene chloride

Concen: 2.729 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017446.D

Acq: 21 Nov 2020 03:20

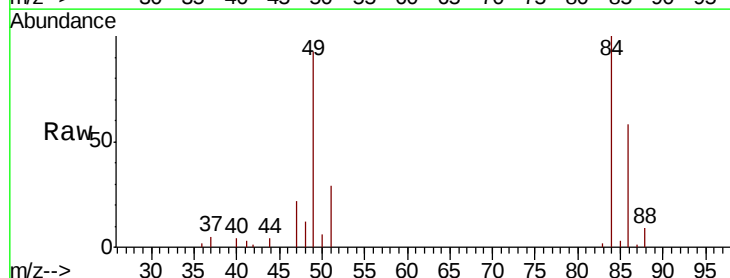
Tgt Ion: 84 Resp: 16098

Ion Ratio Lower Upper

84 100

49 92.9 71.5 132.9

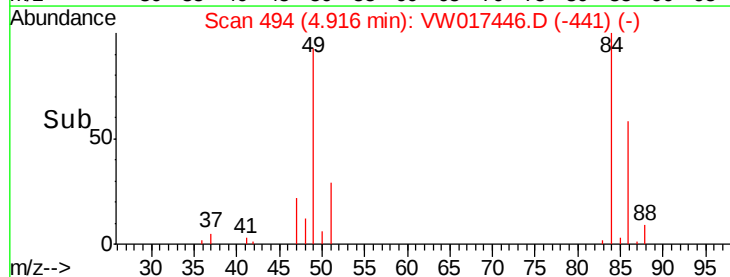
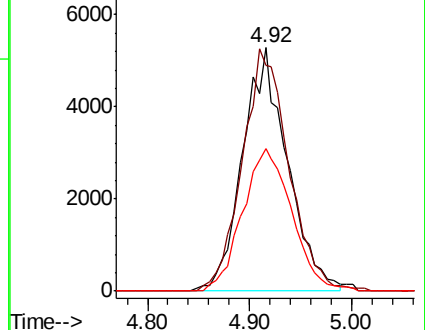
86 58.5 42.8 79.4

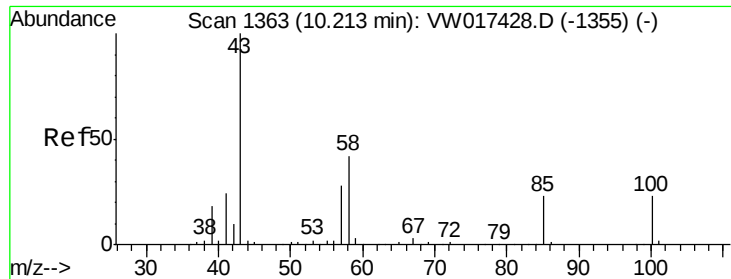


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





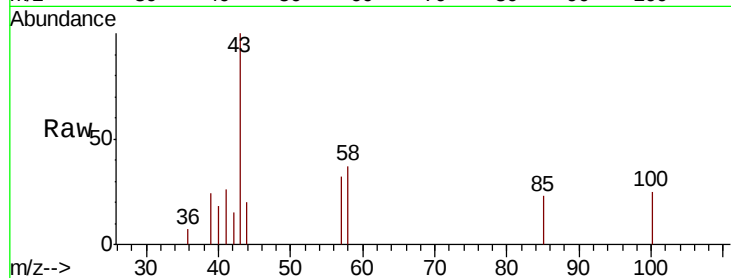
#43
4-Methyl-2-pentanone
Concen: 0.855 ug/L
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW017446.D
Acq: 21 Nov 2020 03:20

Instrument :
MSVOA_W
ClientSampleId :
C0BD9

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.2	33.4	50.2
100	24.2	16.3	24.5

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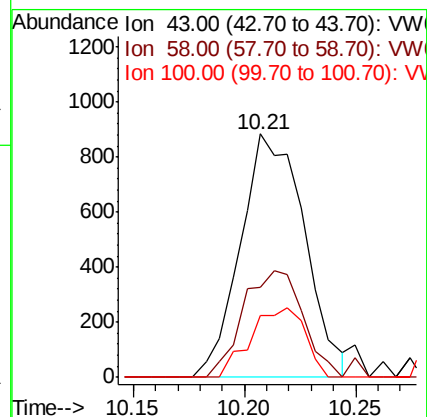
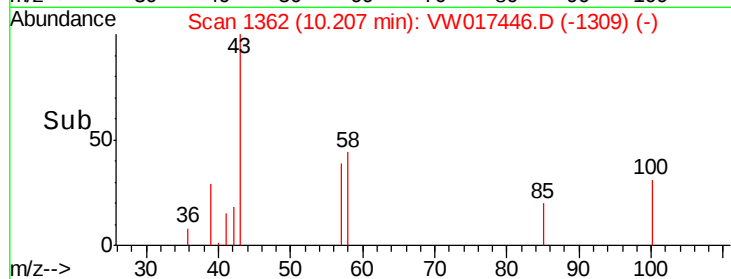


Abundance

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): VW



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