

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017447.D
 Acq On : 21 Nov 2020 03:44
 Operator : SY/VA
 Sample : L4860-14
 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BE0

Manual Integrations
 APPROVED

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 11/23/2020 12:53:07 PM

Quant Time: Nov 21 05:30:18 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)
1) 1,4-Difluorobenzene	8.84	114	403781	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	374921	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	213266	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94065	15.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.96%
7) Chloroethane-d5	2.89	69	100447	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.60%
10) 1,1-Dichloroethene-d2	4.01	63	136478	13.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.20%
20) 2-Butanone-d5	7.08	46	35517	36.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.36%
24) Chloroform-d	7.65	84	213103	20.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.36%
26) 1,2-Dichloroethane-d4	8.31	65	106300	20.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.96%
29) Benzene-d6	8.27	84	415026	19.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.56%
33) 1,2-Dichloropropane-d6	9.27	67	115885	20.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.32%
37) Toluene-d8	10.32	98	388952	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.20%
38) trans-1,3-Dichloropropene-	10.58	79	53364	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.08%
39) 2-Hexanone-d5	10.93	63	35184	46.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81981	19.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	134593	17.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.40%#

Target Compounds					Ovalue
13) Acetone	4.12	43	1181	1.649 ug/L	74
16) Methylene chloride	4.92	84	16179m	2.343 ug/L	
43) 4-Methyl-2-pentanone	10.21	43	1717	0.722 ug/L	94

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

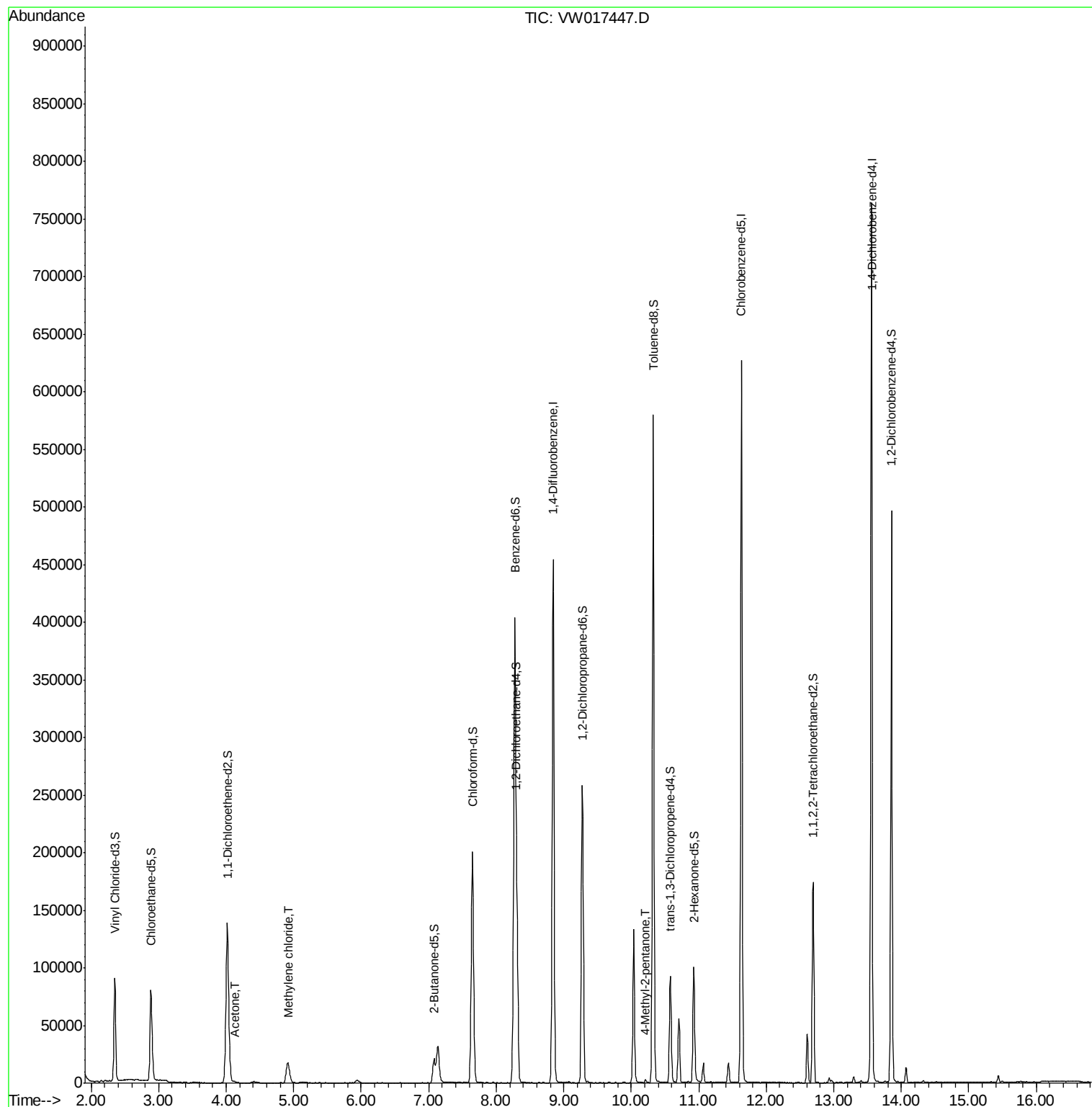
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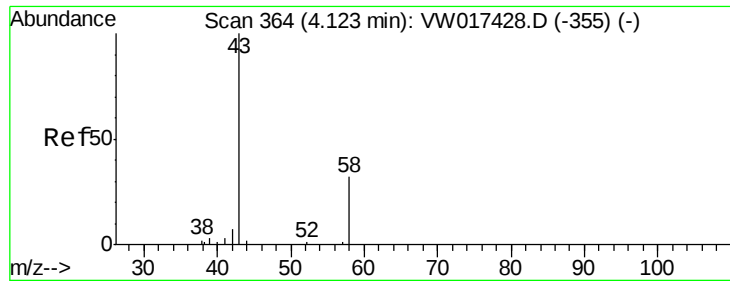
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#13

Acetone

Concen: 1.649 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW017447.D

Acq: 21 Nov 2020 03:44

Instrument :

MSVOA_W

ClientSampleId :

C0BE0

Tot Ion: 43 Resp: 1181

Ion Ratio Lower Upper

43 100

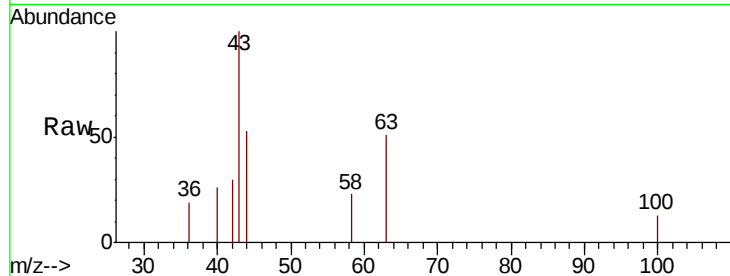
58 18.7 0.0 67.0

Manual Integrations

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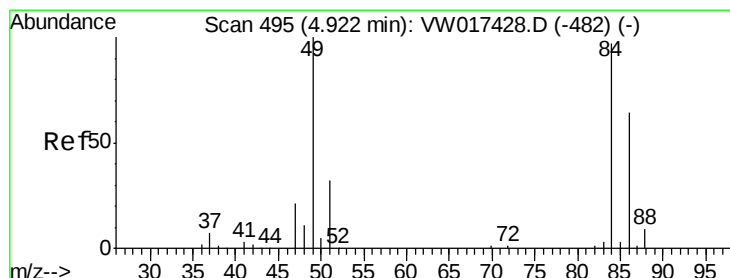
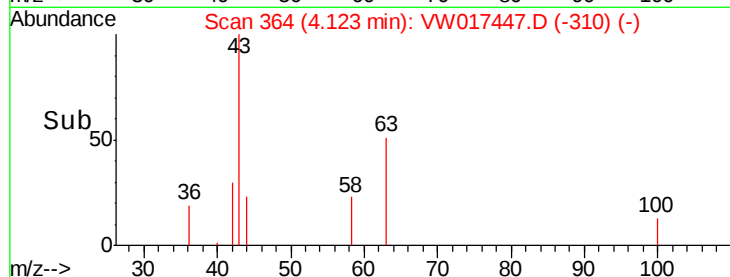
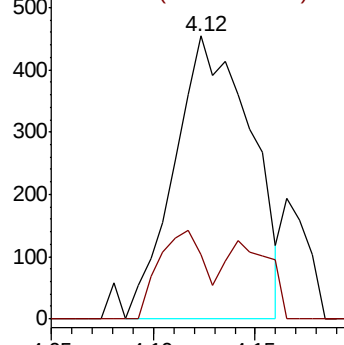
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.343 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017447.D

Acq: 21 Nov 2020 03:44

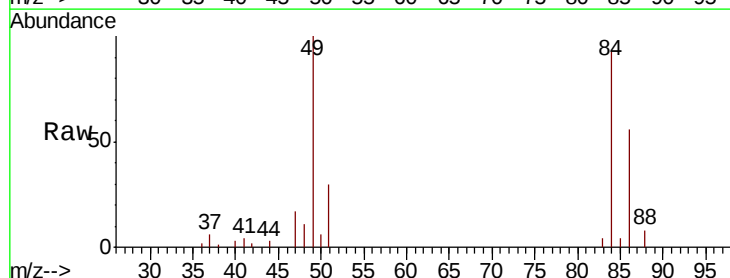
Tgt Ion: 84 Resp: 16179

Ion Ratio Lower Upper

84 100

49 107.7 71.5 132.9

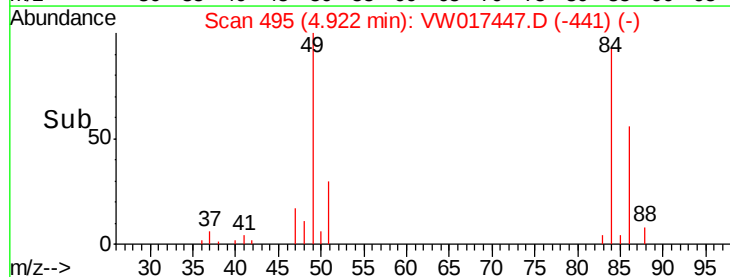
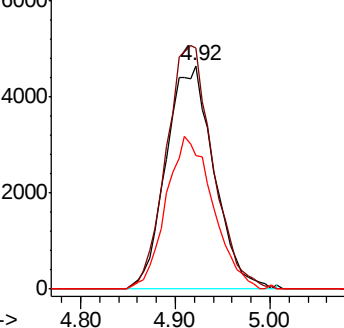
86 59.9 42.8 79.4

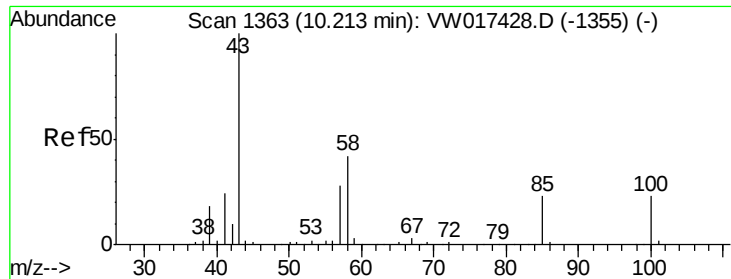


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#43
4-Methyl-2-pentanone
Concen: 0.722 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
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Tot Ion	Ratio	Lower	Upper
43	100		
58	46.4	33.4	50.2
100	18.6	16.3	24.5

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