

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111920\
 Data File : VW017388.D
 Acq On : 19 Nov 2020 22:46
 Operator : SY/VA
 Sample : L4794-09
 Misc : 5.52G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BC3

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:44:10 PM

Quant Time: Nov 20 05:28:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 20 04:37:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	296080	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	277185	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125855	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89247	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.44%
7) Chloroethane-d5	2.89	69	73080	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
10) 1,1-Dichloroethene-d2	4.03	63	114419	14.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.68%
20) 2-Butanone-d5	7.08	46	33389	46.38	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.76%
24) Chloroform-d	7.65	84	165729	21.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.24%
26) 1,2-Dichloroethane-d4	8.31	65	86657	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.24%
29) Benzene-d6	8.28	84	319289	20.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.72%
33) 1,2-Dichloropropane-d6	9.27	67	91206	21.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.64%
37) Toluene-d8	10.33	98	296302	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.56%
38) trans-1,3-Dichloropropene-	10.58	79	36390	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.32%
39) 2-Hexanone-d5	10.93	63	25403	45.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76549	24.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	107041	23.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.16%

Target Compounds					Ovalue
13) Acetone	4.12	43	2007m	3.821 ug/L	
16) Methylene chloride	4.92	84	20372	4.023 ug/L	95

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

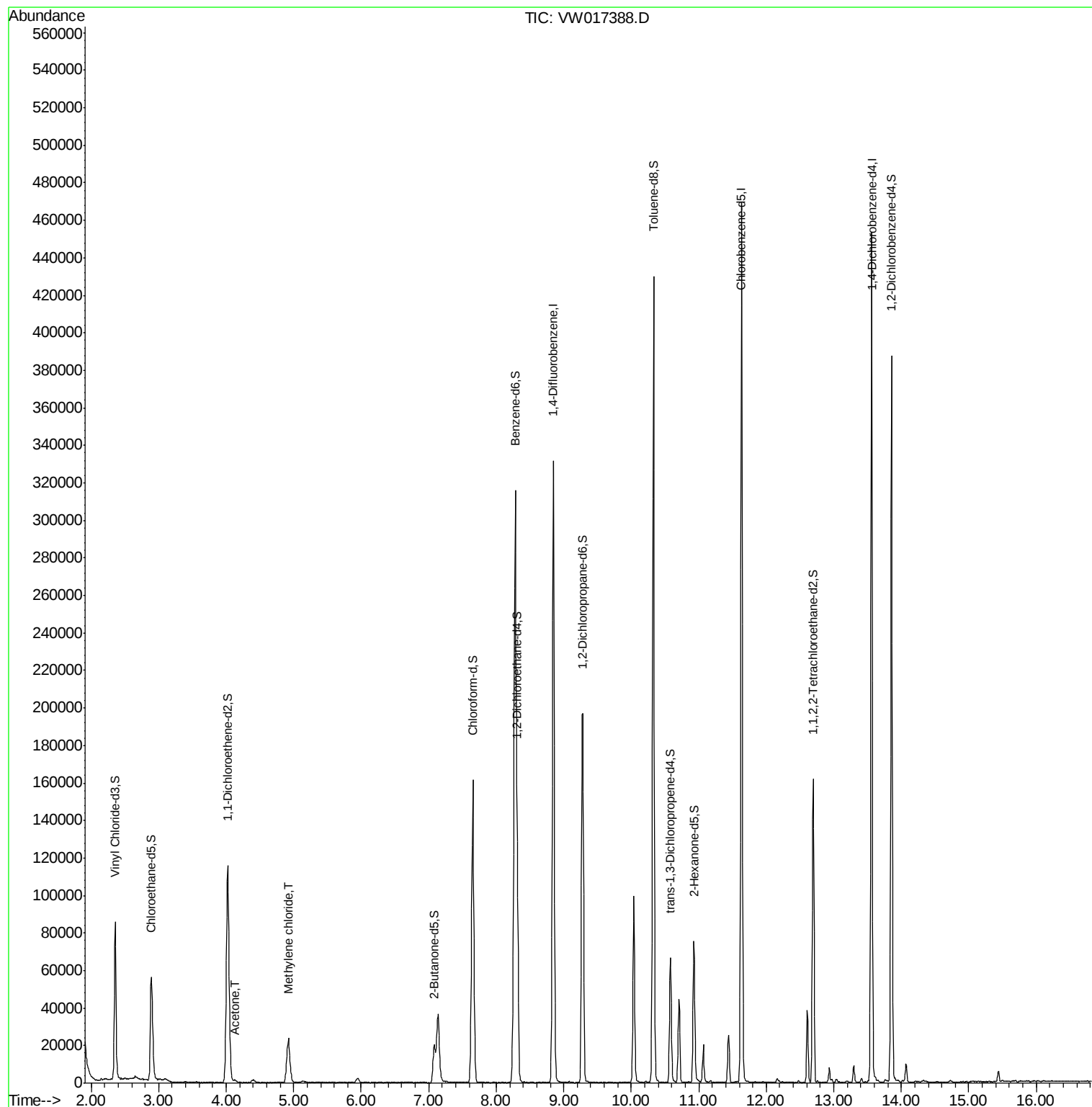
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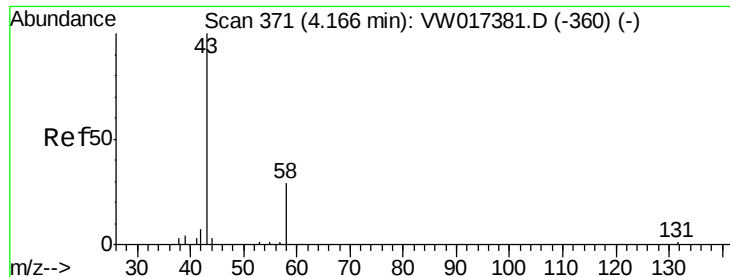
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#13

Acetone

Concen: 3.821 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. -0.04 min

Lab File: VW017388.D

Acq: 19 Nov 2020 22:46

Instrument :

MSVOA_W

ClientSampleId :

C0BC3

Tot Ion: 43 Resp: 2007

Ion Ratio Lower Upper

43 100

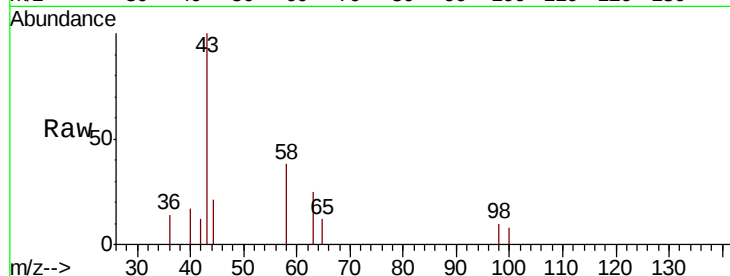
58 32.4 0.0 67.0

Manual Integrations

APPROVED

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11/23/2020 1:44:10 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

600

400

200

0

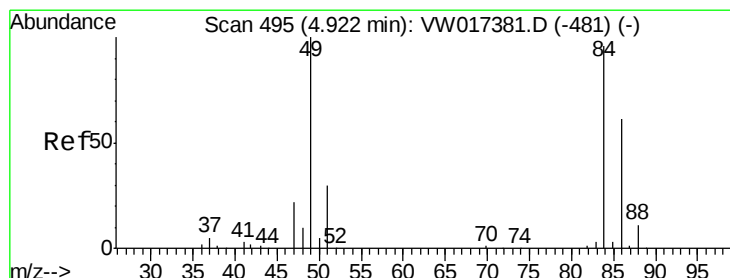
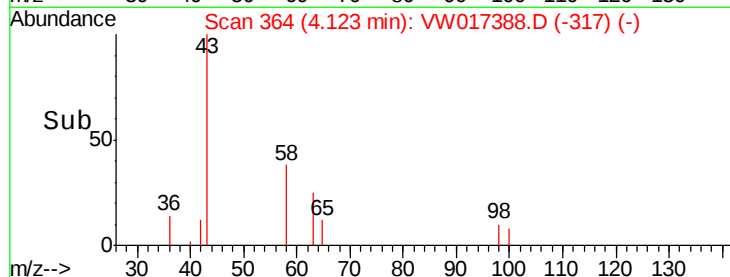
4.05

4.10

4.15

4.20

Time-->



#16

Methylene chloride

Concen: 4.023 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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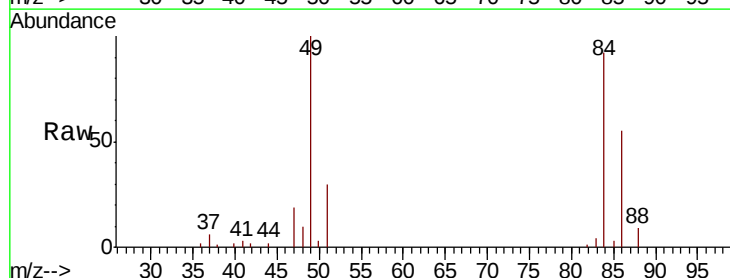
Tgt Ion: 84 Resp: 20372

Ion Ratio Lower Upper

84 100

49 108.7 71.5 132.9

86 60.0 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

4.92

8000

6000

4000

2000

0

4.80

4.90

5.00

Time-->

