

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111920\
 Data File : VW017392.D
 Acq On : 20 Nov 2020 00:20
 Operator : SY/VA
 Sample : L4794-14
 Misc : 5.66G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BD6

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:44:25 PM

Quant Time: Nov 20 05:39:59 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	453718	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	408521	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184464	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	141875	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.48%
7) Chloroethane-d5	2.89	69	118868	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.12%
10) 1,1-Dichloroethene-d2	4.02	63	194045	16.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.04%
20) 2-Butanone-d5	7.08	46	45941	41.65	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.30%
24) Chloroform-d	7.65	84	279361	23.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	8.31	65	133254	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.56%
29) Benzene-d6	8.27	84	555018	24.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.40%
33) 1,2-Dichloropropane-d6	9.27	67	150803	24.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.32%
37) Toluene-d8	10.33	98	529204	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.64%
38) trans-1,3-Dichloropropene-	10.58	79	58505	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.60%
39) 2-Hexanone-d5	10.93	63	35490	43.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106538	22.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	173678	25.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.00%

Target Compounds					Ovalue
13) Acetone	4.14	43	2041m	2.536 ug/L	
16) Methylene chloride	4.92	84	29469	3.797 ug/L	99

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

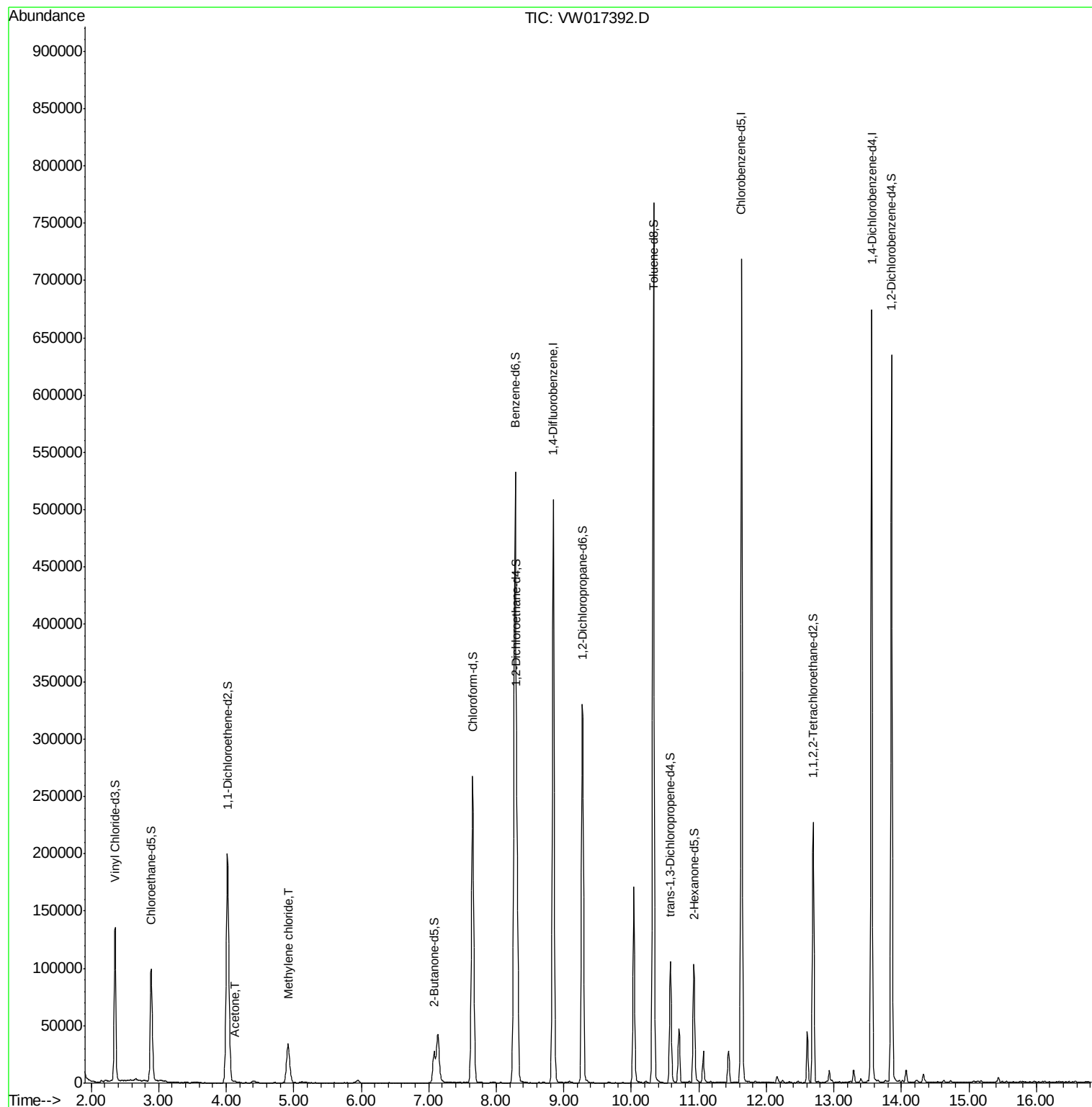
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111920\
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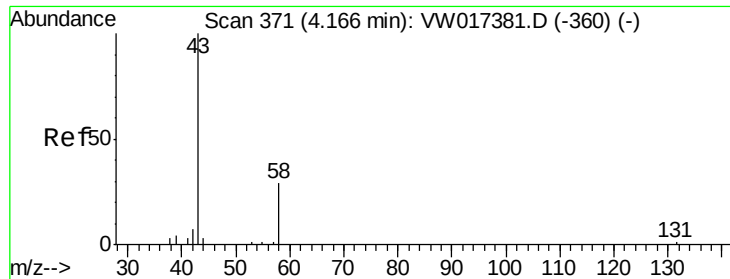
Instrument :
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#13

Acetone

Concen: 2.536 ug/L m

RT: 4.14 min Scan# 366

Delta R.T. -0.03 min

Lab File: VW017392.D

Acq: 20 Nov 2020 00:20

Instrument :

MSVOA_W

ClientSampleId :

C0BD6

Tot Ion: 43 Resp: 2041

Ion Ratio Lower Upper

43 100

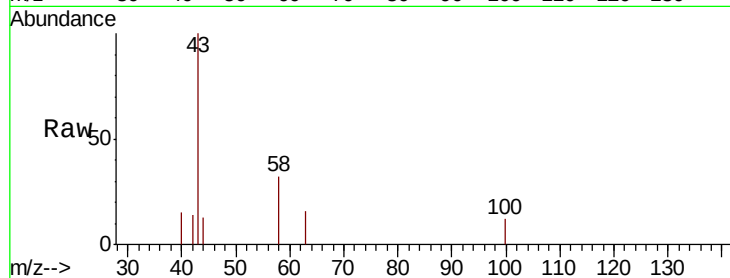
58 0.0 0.0 67.0

Manual Integrations

APPROVED

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11/23/2020 1:44:25 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

800

600

400

200

0

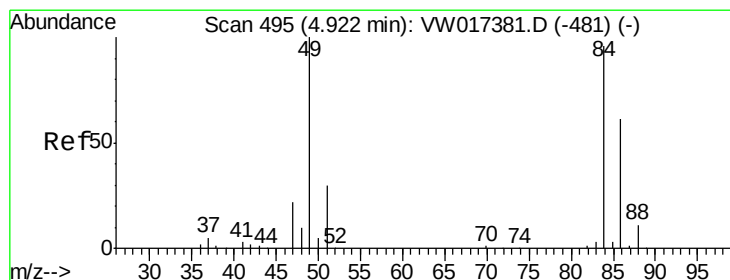
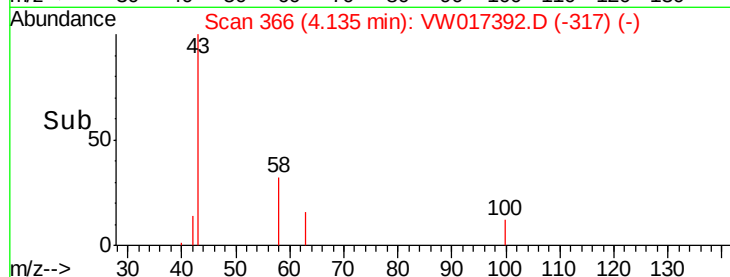
4.05

4.10

4.15

4.20

Time-->



#16

Methylene chloride

Concen: 3.797 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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Acq: 20 Nov 2020 00:20

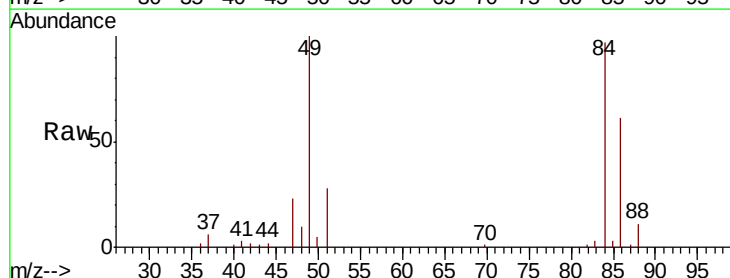
Tgt Ion: 84 Resp: 29469

Ion Ratio Lower Upper

84 100

49 103.1 71.5 132.9

86 62.6 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

12000

10000

8000

6000

4000

2000

0

4.80

4.90

5.00

Time-->

