

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017221.D
 Acq On : 13 Nov 2020 18:34
 Operator : SY/VA
 Sample : L4710-02
 Misc : 4.31G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AW7

Manual Integrations
 APPROVED

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 11/17/2020 6:51:25 PM

Quant Time: Nov 17 05:38:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 11:48:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	347462	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	234523	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	59836	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102799	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
7) Chloroethane-d5	2.89	69	88714	26.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.20%
10) 1,1-Dichloroethene-d2	4.02	63	137844	17.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.44%
20) 2-Butanone-d5	7.08	46	28136	28.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.50%
24) Chloroform-d	7.65	84	207773	25.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	8.31	65	109242	27.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.36%
29) Benzene-d6	8.28	84	383186	32.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.32%
33) 1,2-Dichloropropane-d6	9.27	67	112647	34.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.40%#
37) Toluene-d8	10.33	98	307739	27.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.32%
38) trans-1,3-Dichloropropene-	10.58	79	31716	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.20%
39) 2-Hexanone-d5	10.93	63	19214	33.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	65952	22.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	47527	22.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.16%

Target Compounds

					Ovalue
13) Acetone	4.14	43	1860m	2.838	ug/L
16) Methylene chloride	4.92	84	15453	3.299	ug/L
43) 4-Methyl-2-pentanone	10.21	43	1488	0.838	ug/L #

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

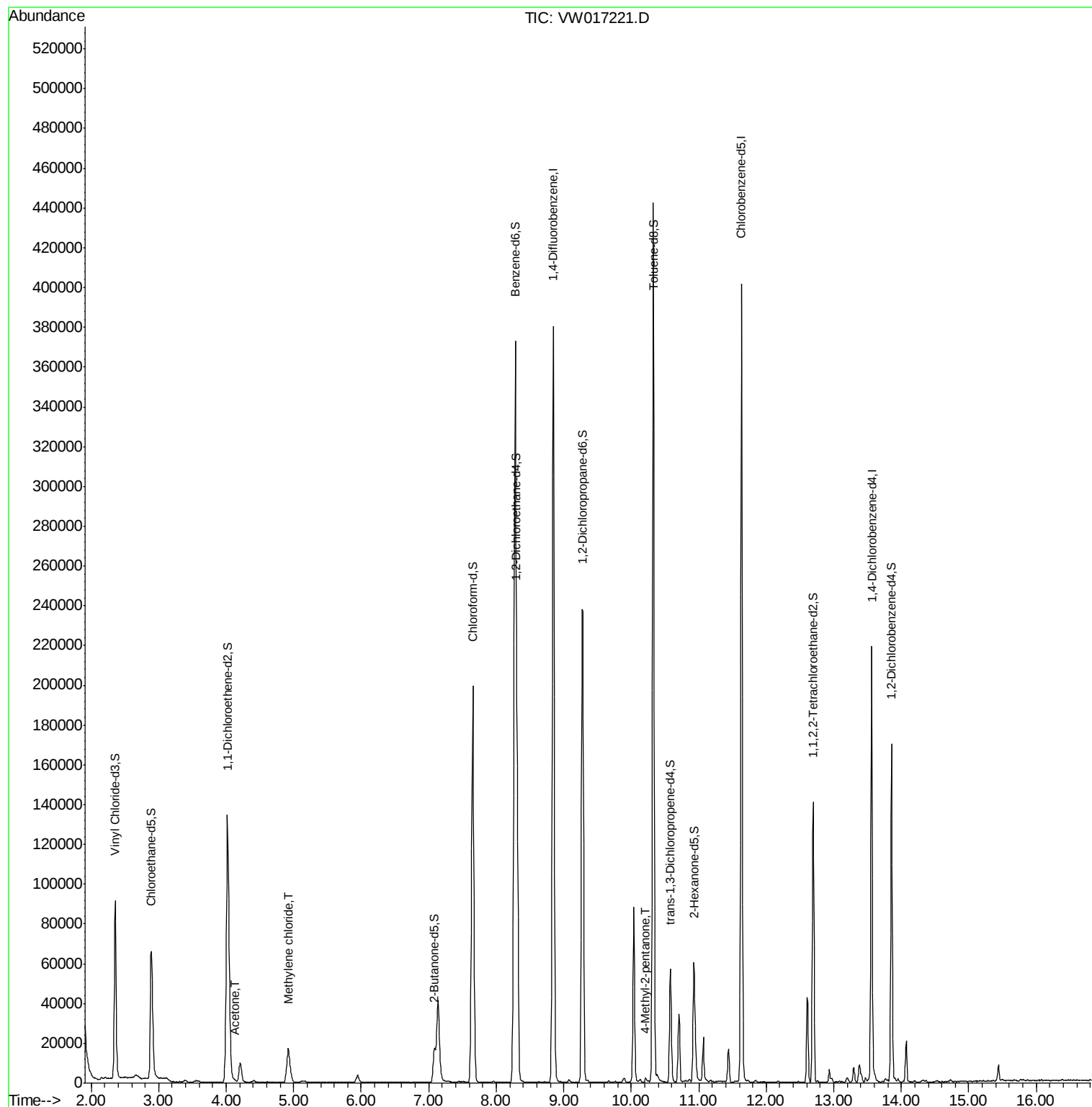
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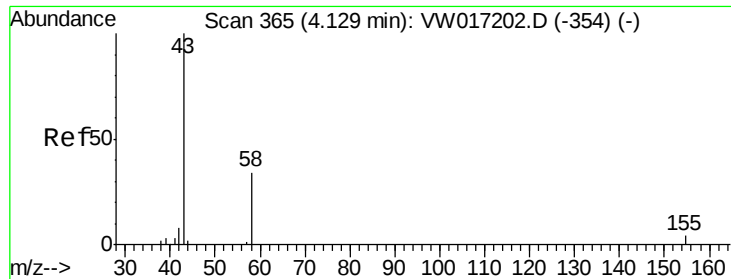
Instrument :
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ClientSampleId :
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Quant Time: Nov 17 05:38:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 16 11:48:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.838 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017221.D

Acq: 13 Nov 2020 18:34

Tot Ion: 43 Resp: 1860

Ion Ratio Lower Upper

43 100

58 5.5 0.0 69.2

Instrument :

MSVOA_W

ClientSampled :

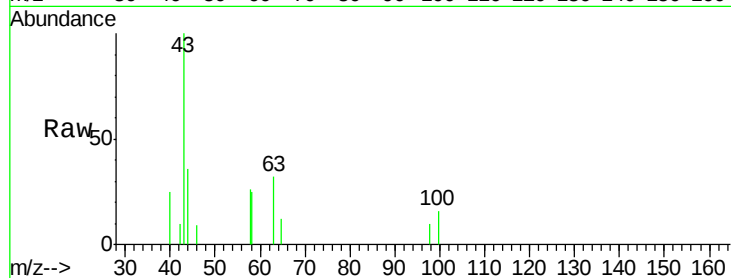
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Manual Integrations

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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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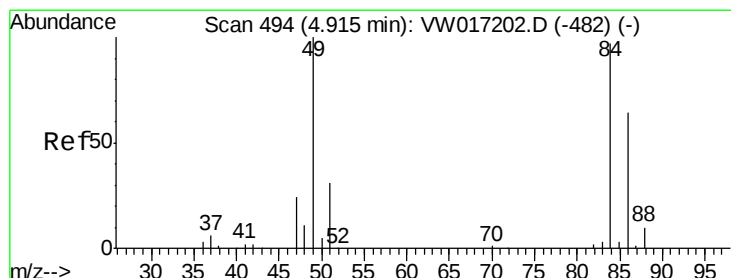
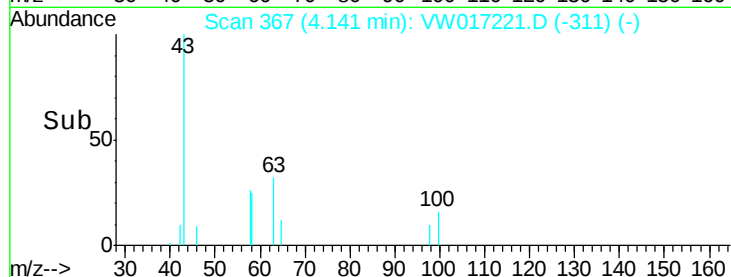
4.14

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#16

Methylene chloride

Concen: 3.299 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW017221.D

Acq: 13 Nov 2020 18:34

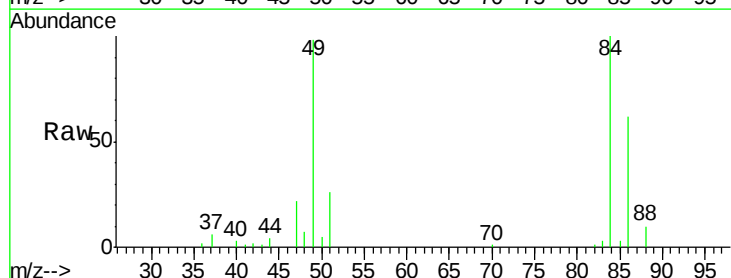
Tgt Ion: 84 Resp: 15453

Ion Ratio Lower Upper

84 100

49 98.3 72.3 134.3

86 61.9 45.1 83.7



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

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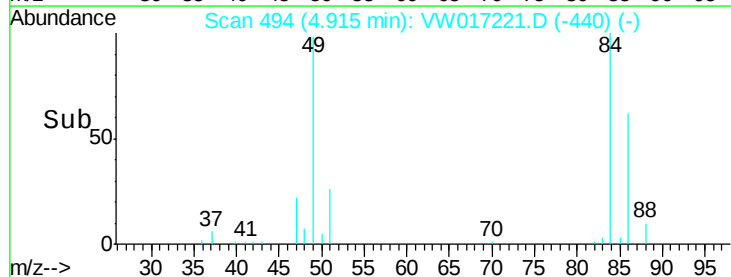
4.92

4.92

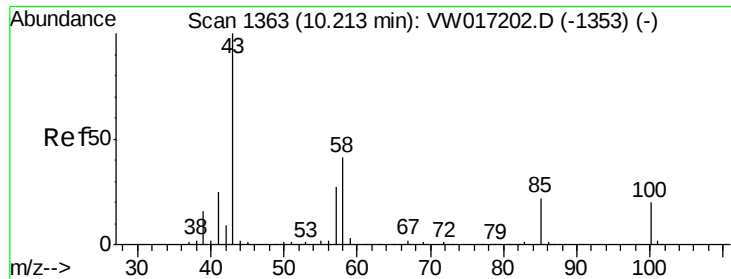
4.92

4.92

4.92



Time-->



#43
 4-Methyl-2-pentanone
 Concen: 0.838 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW017221.D
 Acq: 13 Nov 2020 18:34

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AW7

Tot Ion:	43	Resp:	1488
Ion Ratio	Lower	Upper	
43	100		
58	40.5	35.0	52.6
100	16.3	16.6	24.8

Manual Integrations
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