

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017100.D
 Acq On : 06 Nov 2020 15:04
 Operator : SY/VA
 Sample : L4659-03
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4A5

Quant Time: Nov 07 05:35:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	532296	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	480876	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	225391	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	148839	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
7) Chloroethane-d5	2.90	69	115461	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.40%
10) 1,1-Dichloroethene-d2	4.03	63	196562	16.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.56%
20) 2-Butanone-d5	7.09	46	39820	26.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.12%
24) Chloroform-d	7.65	84	256921	20.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.72%
26) 1,2-Dichloroethane-d4	8.31	65	120490	19.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.00%
29) Benzene-d6	8.28	84	533079	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	9.28	67	141404	20.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.52%
37) Toluene-d8	10.33	98	506580	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.76%
38) trans-1,3-Dichloropropene-	10.58	79	55851	18.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.16%
39) 2-Hexanone-d5	10.93	63	32399	27.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97129	16.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	171988	21.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.64%

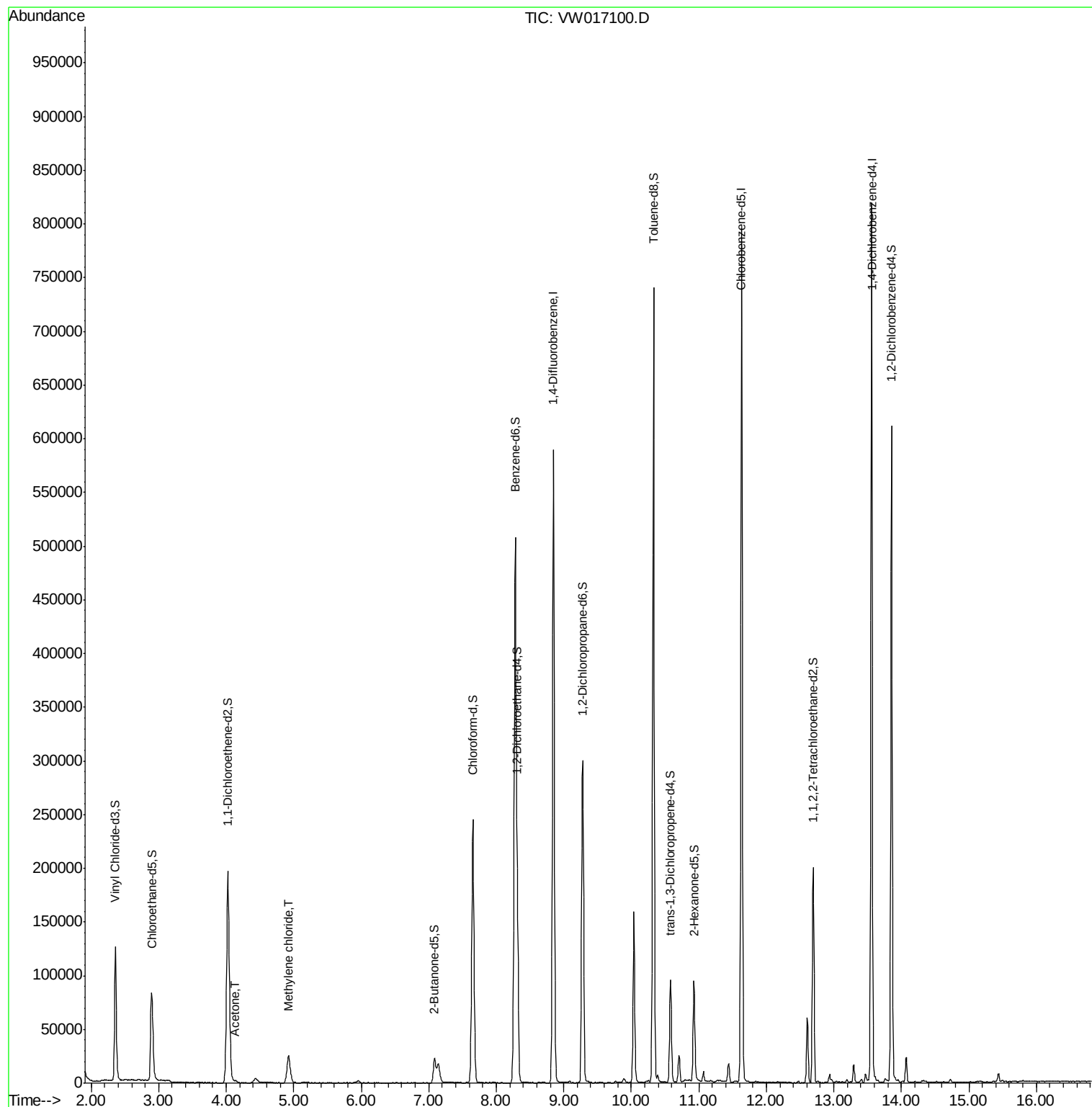
Target Compounds					Ovalue
13) Acetone	4.14	43	2643	2.633 ug/L	87
16) Methylene chloride	4.92	84	22611	3.151 ug/L	96

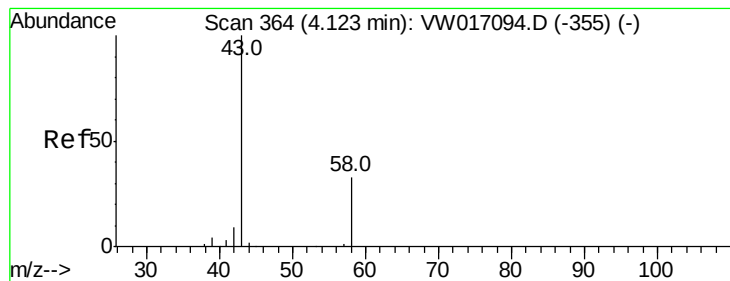
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.633 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW017100.D

Acq: 06 Nov 2020 15:04

Instrument :

MSVOA_W

ClientSampled :

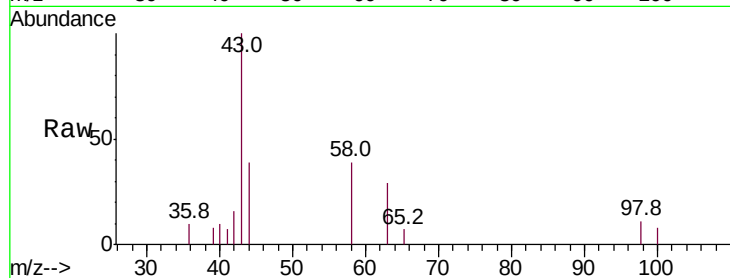
BG4A5

Tot Ion: 43 Resp: 2643

Ion Ratio Lower Upper

43 100

58 27.1 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

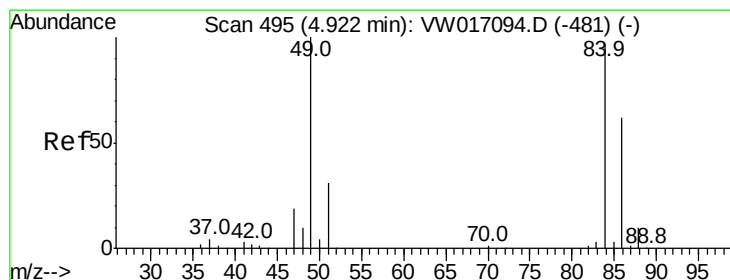
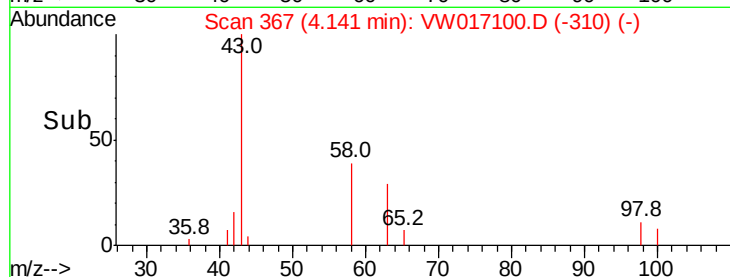
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 3.151 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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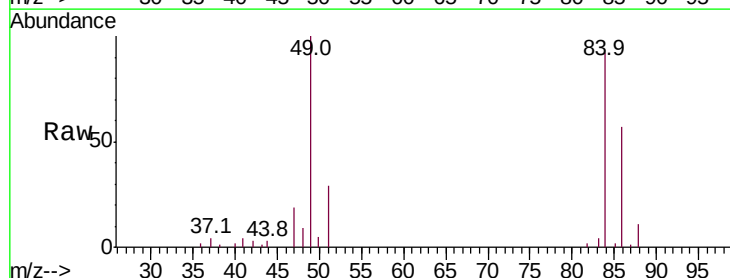
Tgt Ion: 84 Resp: 22611

Ion Ratio Lower Upper

84 100

49 108.7 72.3 134.3

86 62.1 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

10000

8000

6000

4000

2000

0

Time-->

