

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061820\
 Data File : VW015632.D
 Acq On : 18 Jun 2020 13:49
 Operator : SY/VA
 Sample : L3027-11
 Misc : 5.79G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2L4

Quant Time: Jun 19 08:06:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 07:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	330995	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285091	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	111814	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105197	34.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	138.72%
7) Chloroethane-d5	2.90	69	89094	29.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.12%
10) 1,1-Dichloroethene-d2	4.01	63	153772	20.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.24%
20) 2-Butanone-d5	7.09	46	44063	44.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.98%
24) Chloroform-d	7.65	84	202873	26.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	8.31	65	113287	26.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.40%
29) Benzene-d6	8.27	84	400826	28.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.68%
33) 1,2-Dichloropropane-d6	9.27	67	115924	27.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.12%
37) Toluene-d8	10.32	98	362615	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.72%
38) trans-1,3-Dichloropropene-	10.58	79	46290	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.20%
39) 2-Hexanone-d5	10.93	63	35247	47.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77822	24.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	95461	25.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.92%

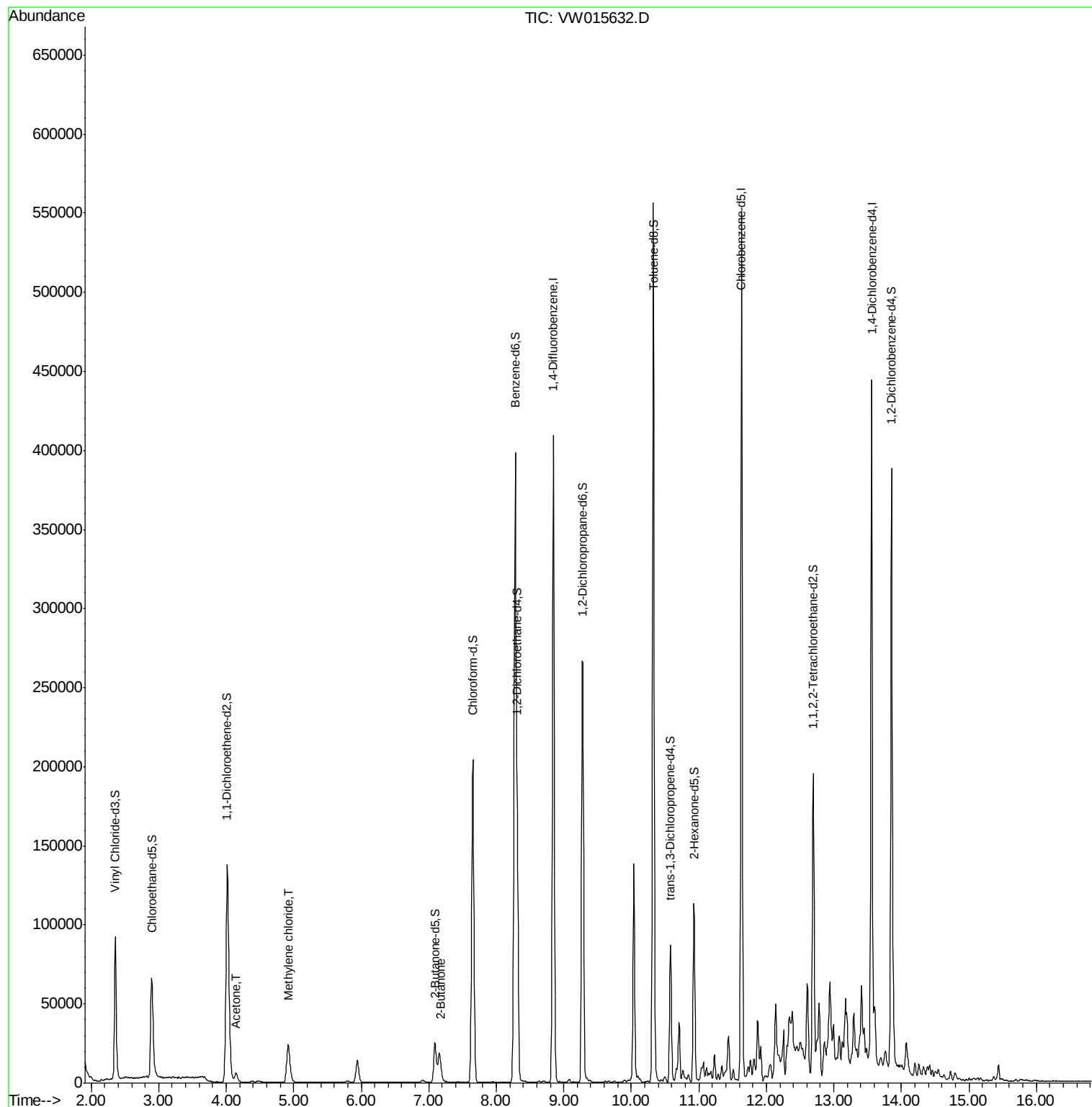
Target Compounds					Ovalue
13) Acetone	4.14	43	10645	13.904 ug/L	98
16) Methylene chloride	4.92	84	19393	4.774 ug/L	96
21) 2-Butanone	7.18	43	3553	3.021 ug/L	91

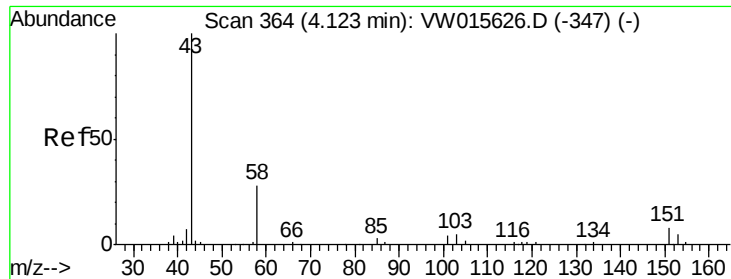
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.904 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015632.D

Acq: 18 Jun 2020 13:49

Instrument :

MSVOA_W

ClientSampled :

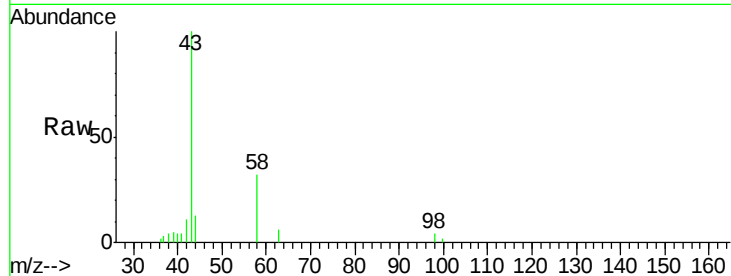
BG2L4

Tot Ion: 43 Resp: 10645

Ion Ratio Lower Upper

43 100

58 29.3 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

3000

2000

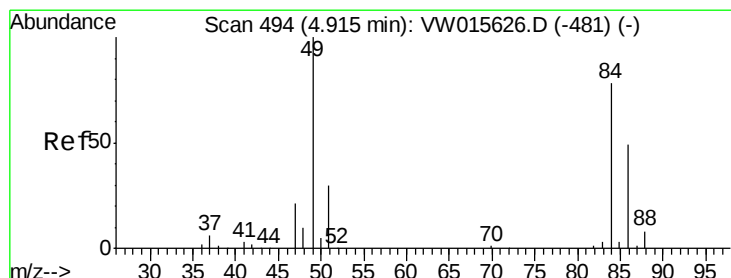
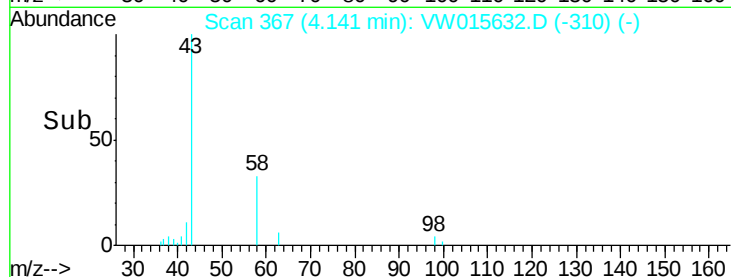
1000

0

Time--> 4.00

4.10

4.20



#16

Methylene chloride

Concen: 4.774 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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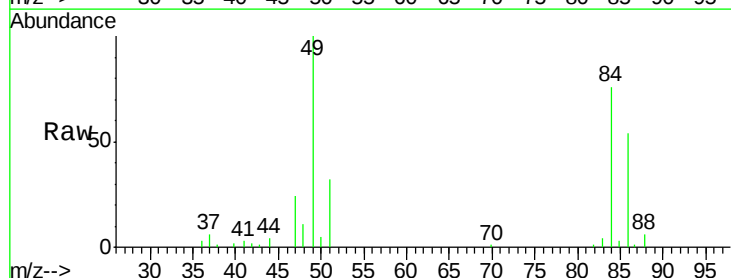
Tgt Ion: 84 Resp: 19393

Ion Ratio Lower Upper

84 100

49 131.9 93.0 172.8

86 72.0 44.7 83.1



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

10000

8000

6000

4000

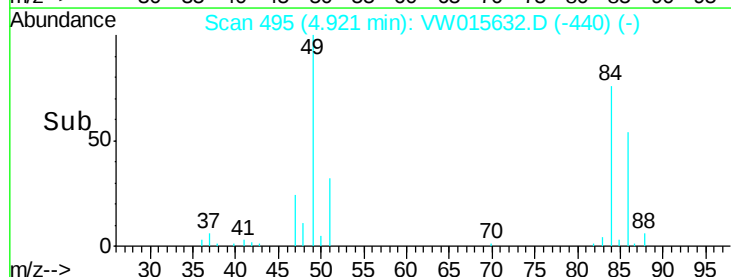
2000

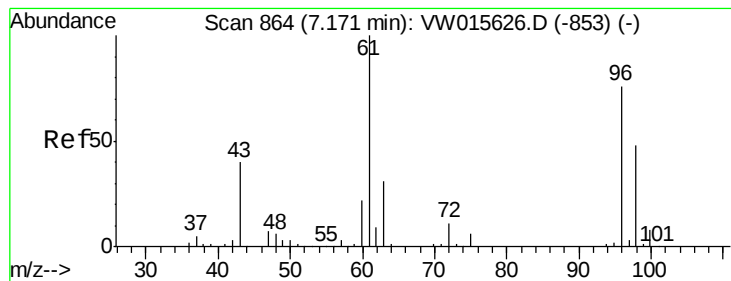
0

Time--> 4.80

4.90

5.00





#21
 2-Butanone
 Concen: 3.021 ug/L
 RT: 7.18 min Scan# 866
 Delta R.T. 0.01 min
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 Acq: 18 Jun 2020 13:49

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2L4

Tot Ion: 43 Resp: 3553
 Ion Ratio Lower Upper
 43 100
 72 21.8 13.3 39.9

