

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015906.D
 Acq On : 22 Jul 2020 15:58
 Operator : SY/VA
 Sample : L3388-12
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD8

Quant Time: Jul 23 03:52:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	318644	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	264912	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94624	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90453	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.48%
7) Chloroethane-d5	2.90	69	69156	18.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.76%
10) 1,1-Dichloroethene-d2	4.01	63	131091	14.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.68%
20) 2-Butanone-d5	7.09	46	55244	46.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.54%
24) Chloroform-d	7.65	84	151634	16.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.76%
26) 1,2-Dichloroethane-d4	8.31	65	91814	18.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.76%
29) Benzene-d6	8.28	84	306408	19.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.00%
33) 1,2-Dichloropropane-d6	9.28	67	91898	19.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.04%
37) Toluene-d8	10.33	98	262192	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.80%
38) trans-1,3-Dichloropropene-	10.58	79	35780	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.44%
39) 2-Hexanone-d5	10.93	63	36395	45.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74749	20.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	60474	16.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	65.56%#

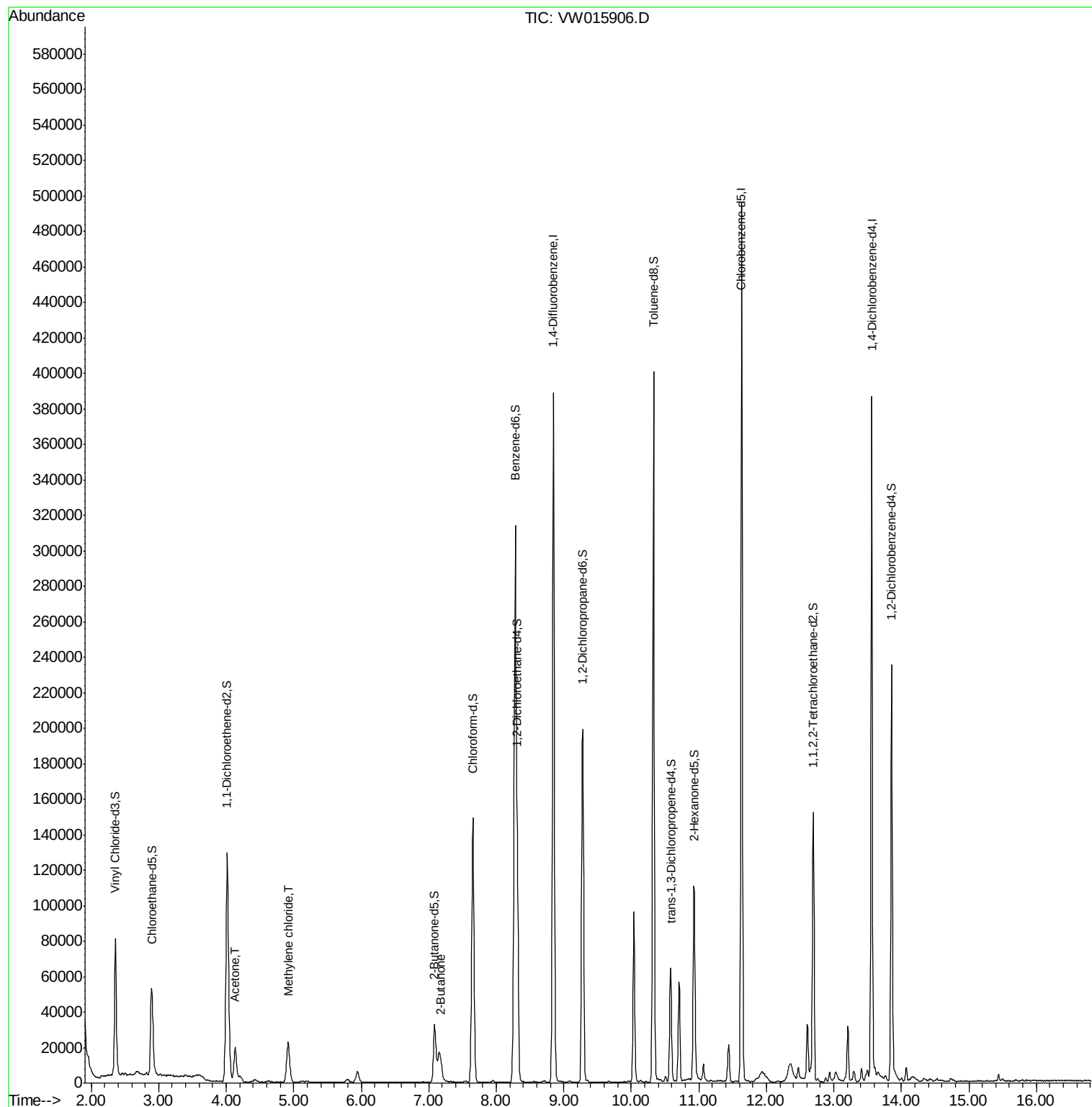
Target Compounds					Ovalue
13) Acetone	4.14	43	34640	34.924 ug/L	98
16) Methylene chloride	4.92	84	17324	3.318 ug/L	94
21) 2-Butanone	7.18	43	13663	11.140 ug/L #	70

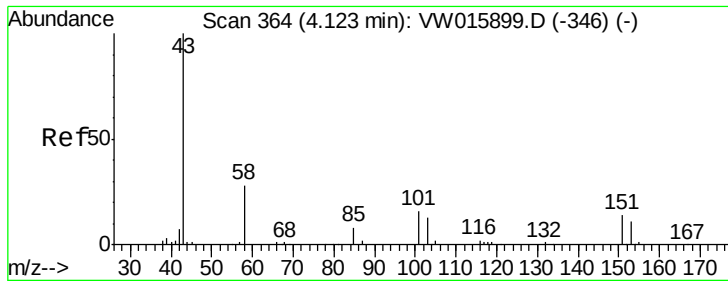
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 34.924 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015906.D

Acq: 22 Jul 2020 15:58

Instrument :

MSVOA_W

ClientSampled :

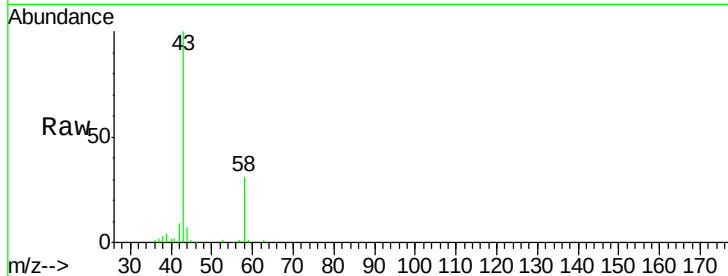
C0AD8

Tot Ion: 43 Resp: 34640

Ion Ratio Lower Upper

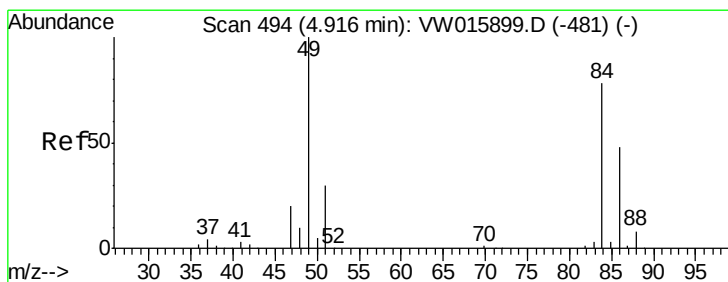
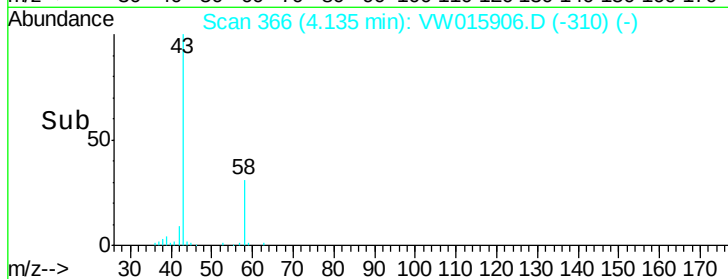
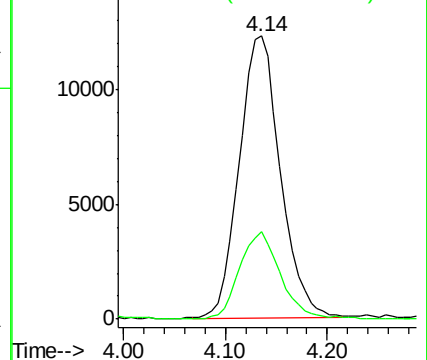
43 100

58 30.4 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.318 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015906.D

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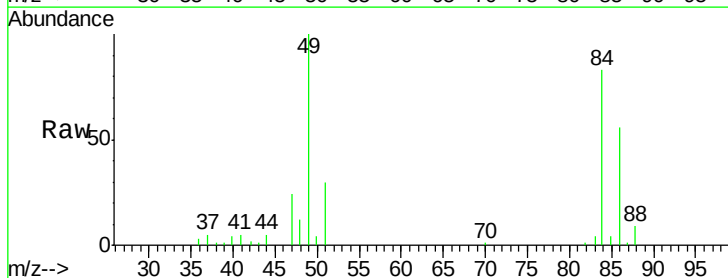
Tgt Ion: 84 Resp: 17324

Ion Ratio Lower Upper

84 100

49 121.0 91.1 169.1

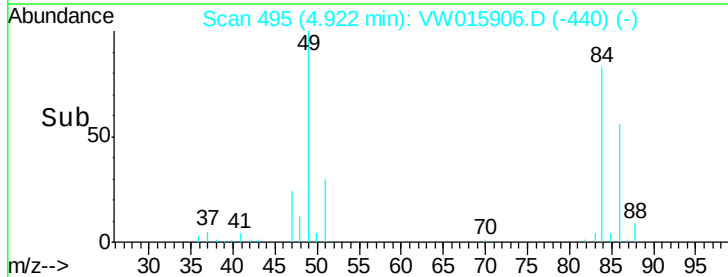
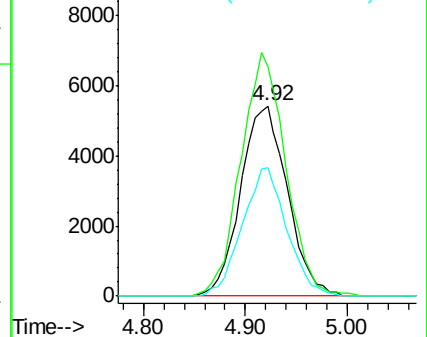
86 67.3 46.0 85.4

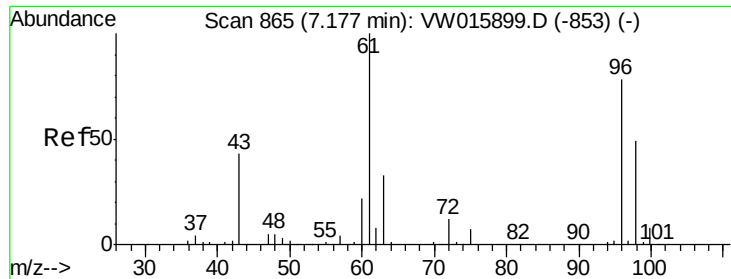


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21
 2-Butanone
 Concen: 11.140 ug/L
 RT: 7.18 min Scan# 866
 Delta R.T. 0.01 min
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Tot Ion: 43 Resp: 13663
 Ion Ratio Lower Upper
 43 100
 72 11.9 13.9 41.7#

