

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009883.D
 Acq On : 10 Apr 2019 16:10
 Operator : SY/VA
 Sample : VW0410SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK02

Quant Time: Apr 11 03:47:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	480425	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	458216	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	207203	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	165781	26.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.48%
7) Chloroethane-d5	2.90	69	129672	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.04%
10) 1,1-Dichloroethene-d2	4.01	63	277846	20.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.20%
20) 2-Butanone-d5	7.07	46	121425	59.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.98%
24) Chloroform-d	7.65	84	320565	24.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	8.31	65	205971	25.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.36%
29) Benzene-d6	8.27	84	621788	25.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.40%
33) 1,2-Dichloropropane-d6	9.27	67	186184	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.24%
37) Toluene-d8	10.32	98	550643	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.04%
38) trans-1,3-Dichloropropene-	10.57	79	83092	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.80%
39) 2-Hexanone-d5	10.93	63	77535	55.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	173241	25.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	187212	25.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.00%

Target Compounds

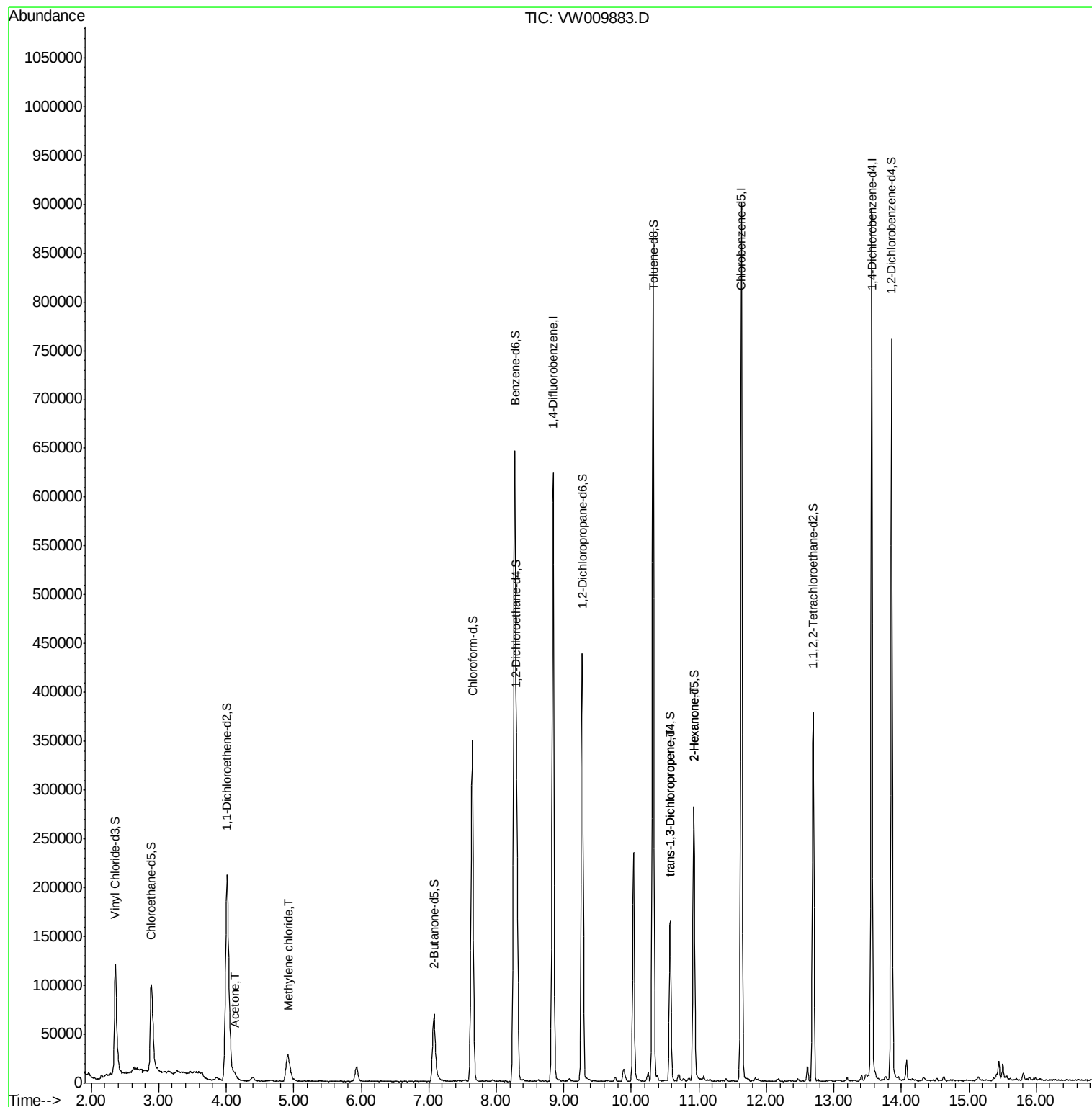
					Qvalue
13) Acetone	4.12	43	7869	3.598 ug/L	91
16) Methylene chloride	4.92	84	21937	2.589 ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	5009	0.531 ug/L #	79
49) 2-Hexanone	10.93	43	13682	3.352 ug/L #	78

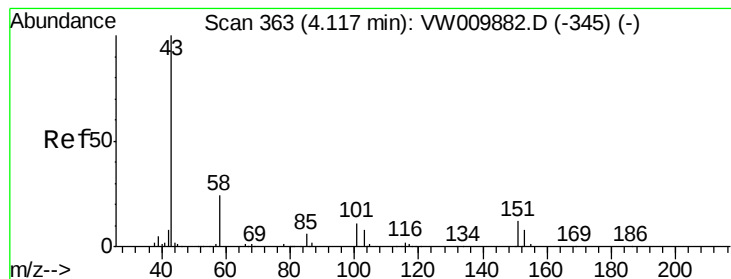
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.598 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Acq: 10 Apr 2019 16:10

Instrument :

MSVOA_W

ClientSampleId :

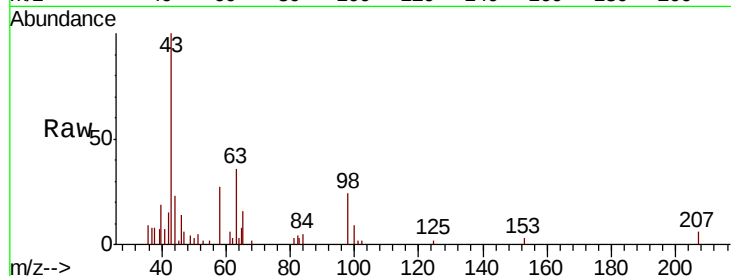
VBLK02

Tgt Ion: 43 Resp: 7869

Ion Ratio Lower Upper

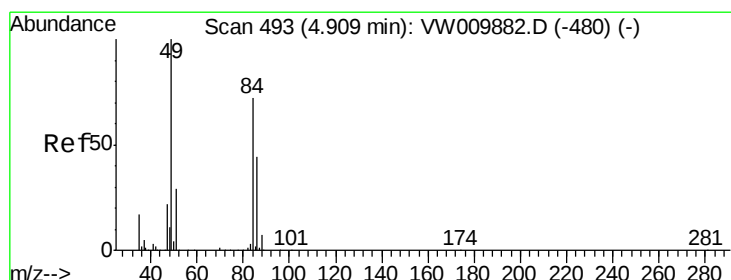
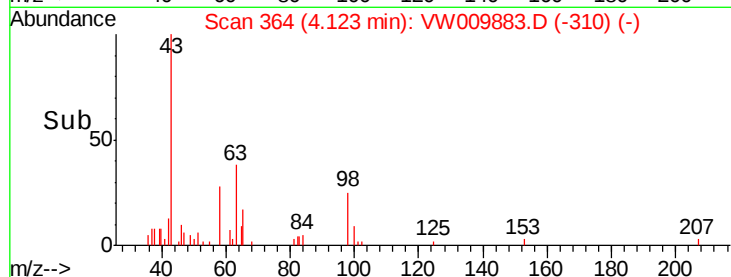
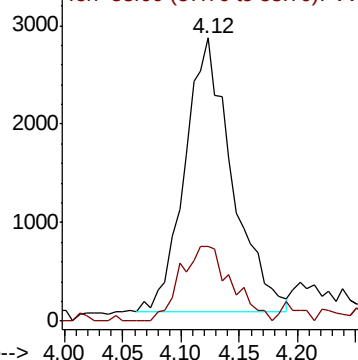
43 100

58 22.1 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.589 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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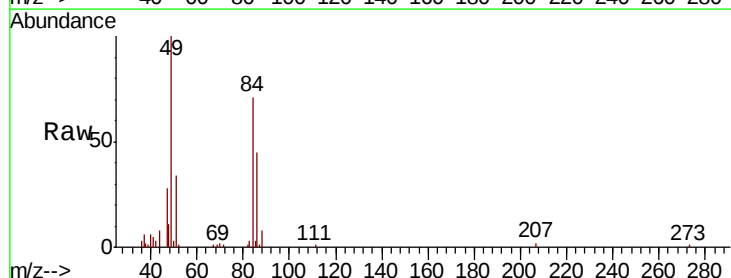
Tgt Ion: 84 Resp: 21937

Ion Ratio Lower Upper

84 100

49 141.1 98.3 182.5

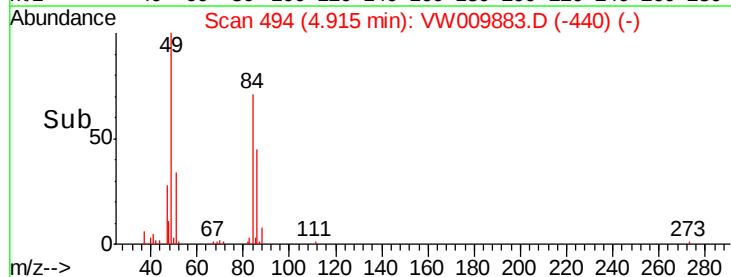
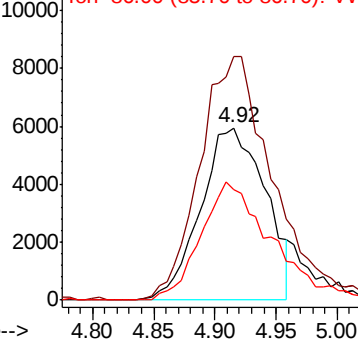
86 63.8 46.4 86.2

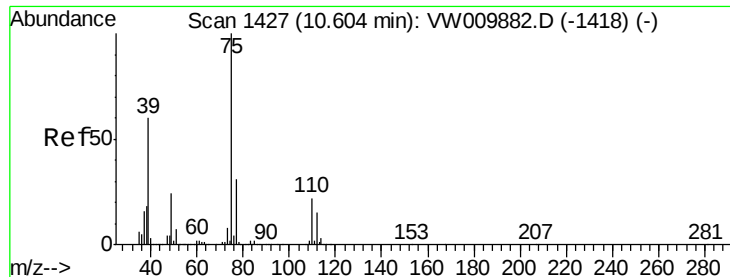


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.531 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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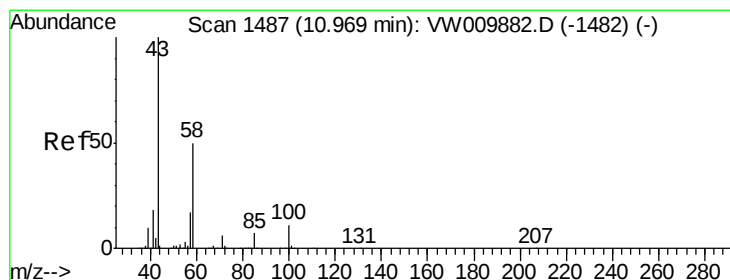
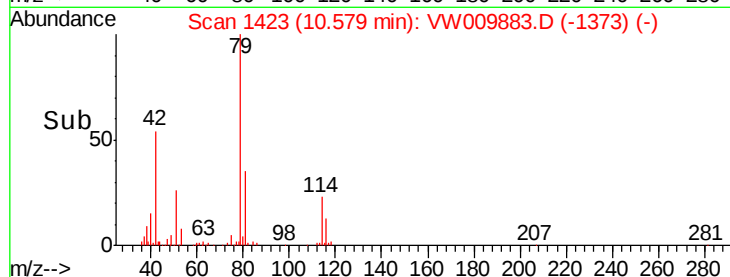
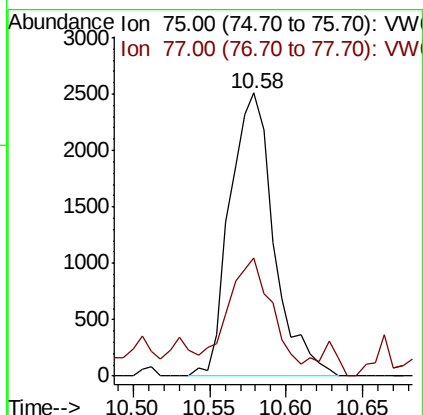
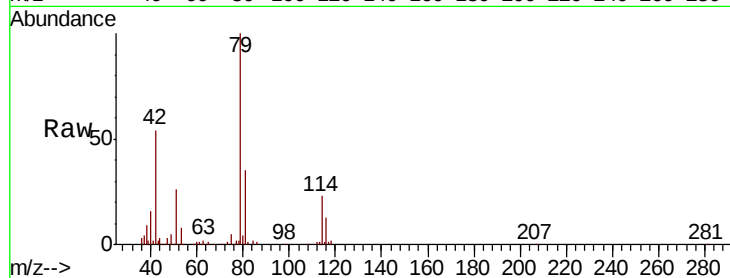
VBLK02

Tgt Ion: 75 Resp: 5009

Ion Ratio Lower Upper

75 100

77 41.8 21.1 39.3#



#49

2-Hexanone

Concen: 3.352 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009883.D

Acq: 10 Apr 2019 16:10

Tgt Ion: 43 Resp: 13682

Ion Ratio Lower Upper

43 100

58 35.3 38.9 58.3#

57 30.2 13.8 20.6#

100 2.3 8.6 13.0#

