

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009826.D
 Acq On : 09 Apr 2019 04:45
 Operator : SY/VA
 Sample : VW0408SBL02
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK29

Quant Time: Apr 09 06:18:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 06:15:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	448466	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	455461	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196675	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122283	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.36%
7) Chloroethane-d5	2.89	69	108797	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.96%
10) 1,1-Dichloroethene-d2	4.01	63	211254	16.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.96%
20) 2-Butanone-d5	7.07	46	119769	62.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.72%
24) Chloroform-d	7.64	84	303765	24.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	8.41	65	182	0.02	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	562660	23.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.12%
33) 1,2-Dichloropropane-d6	9.27	67	181003	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	10.32	98	497573	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.04%
38) trans-1,3-Dichloropropene-	10.57	79	74307	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.40%
39) 2-Hexanone-d5	10.93	63	81505	58.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	174420	25.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	182923	26.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.04%

Target Compounds

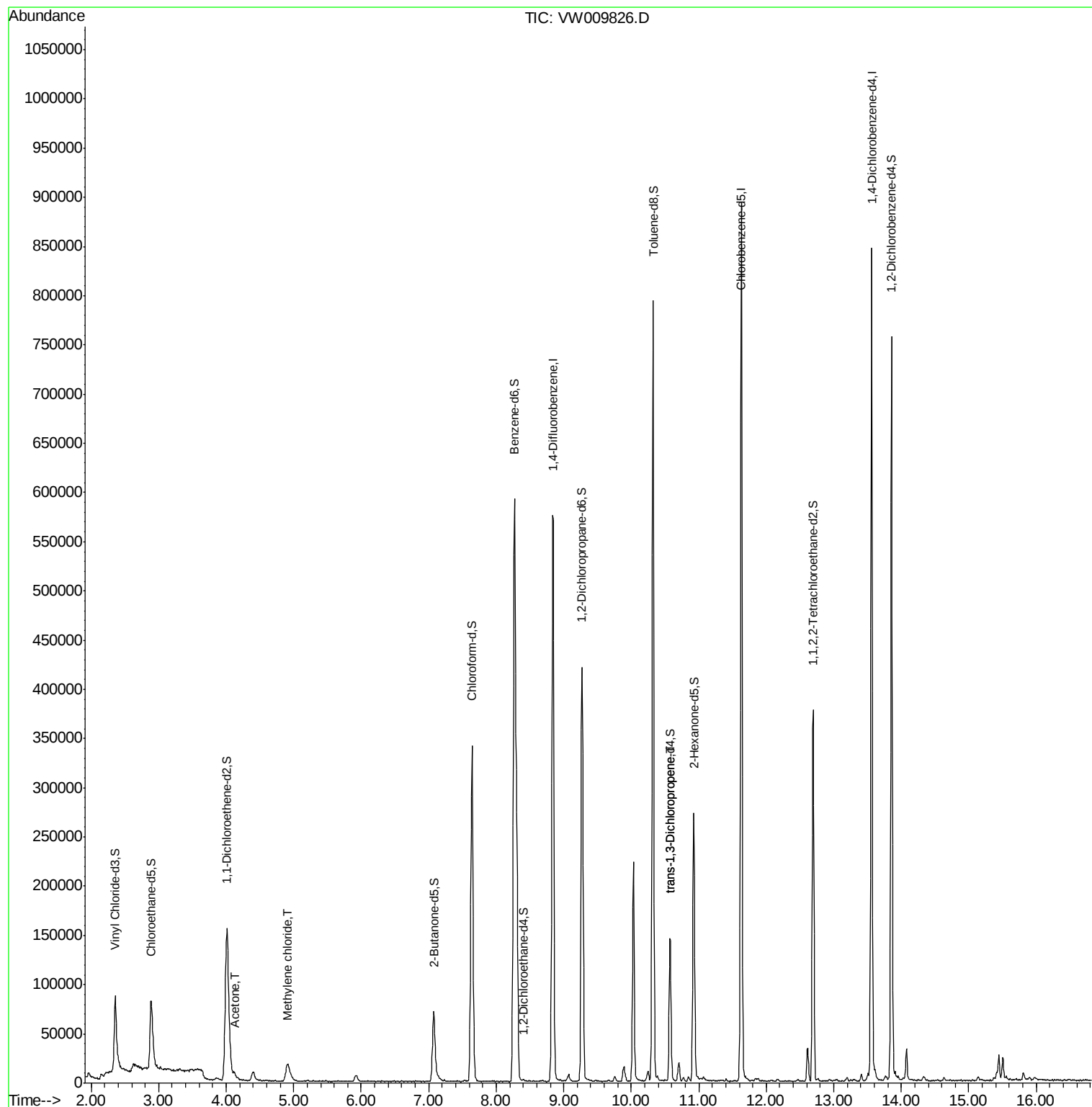
					Qvalue
13) Acetone	4.12	43	8371	4.100 ug/L	84
16) Methylene chloride	4.90	84	9316	1.178 ug/L	95
45) trans-1,3-Dichloropropene	10.57	75	4466	0.477 ug/L	84

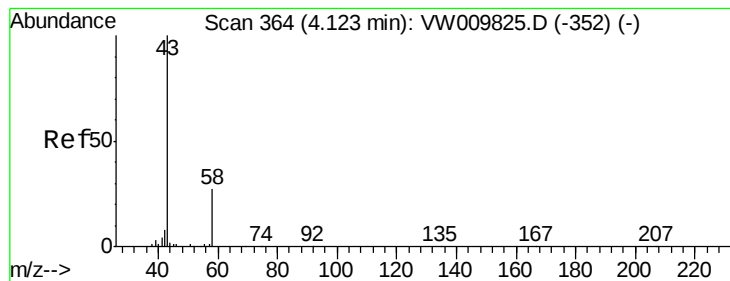
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.100 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009826.D

Acq: 09 Apr 2019 04:45

Instrument :

MSVOA_W

ClientSampled :

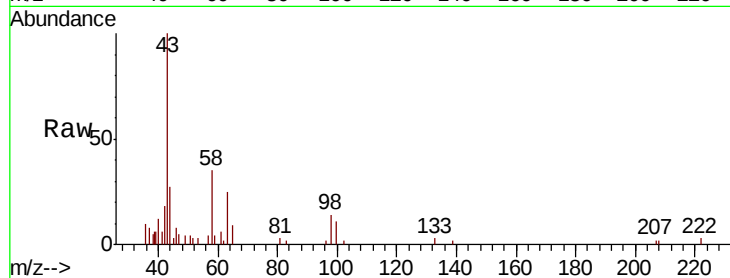
VBLK29

Tgt Ion: 43 Resp: 8371

Ion Ratio Lower Upper

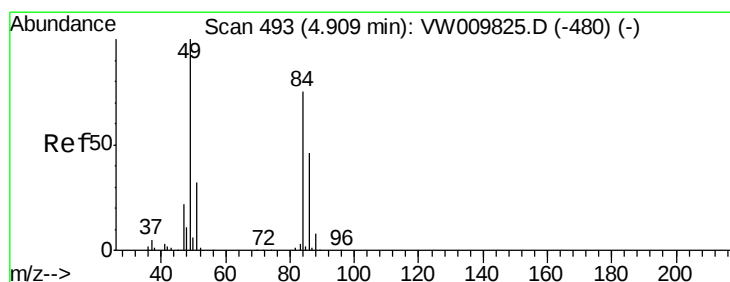
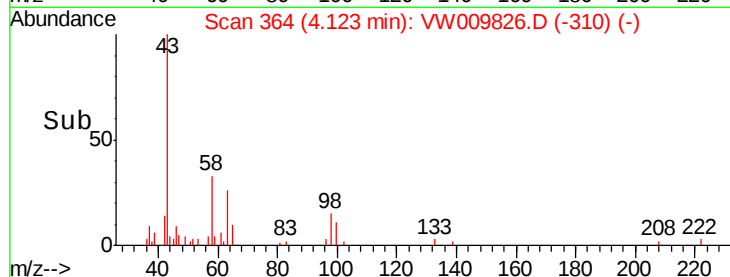
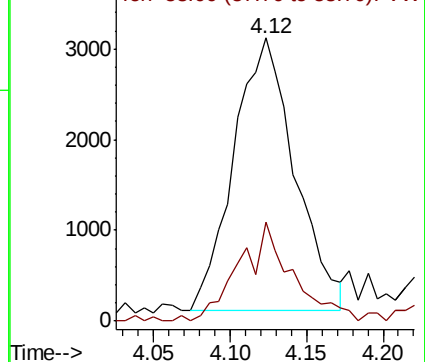
43 100

58 18.4 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: 1.178 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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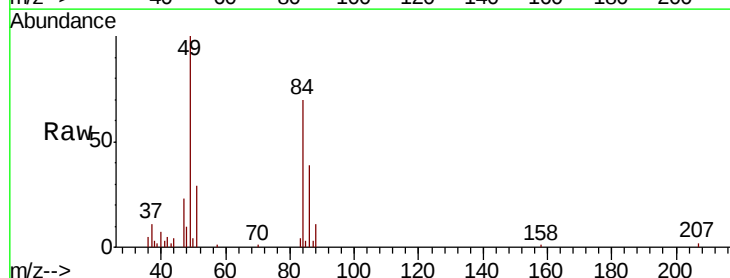
Tgt Ion: 84 Resp: 9316

Ion Ratio Lower Upper

84 100

49 142.8 98.3 182.5

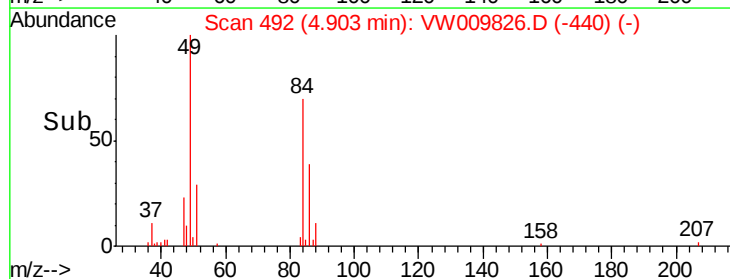
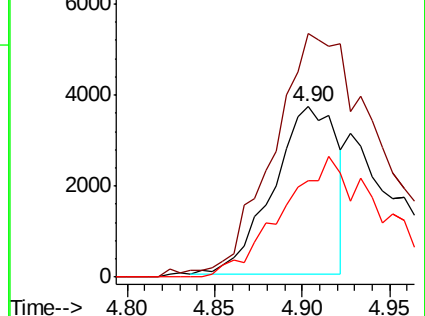
86 56.3 46.4 86.2

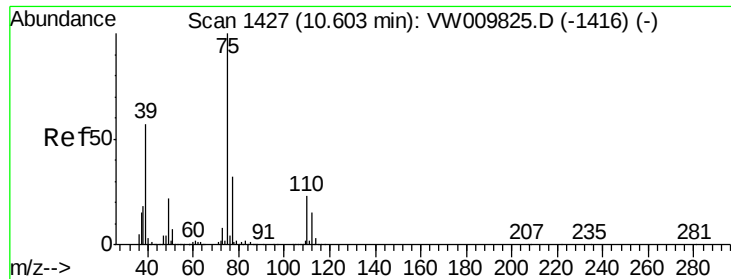


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.477 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

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Tgt Ion: 75 Resp: 4466

Ion Ratio Lower Upper

75 100

77 38.7 21.1 39.3

