

Data File : VW009666.D
Acq On : 03 Apr 2019 18:28
Operator : SY/VA
Sample : VW0403SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK21

Quant Time: Apr 04 02:06:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	499651	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	470328	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	216696	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	151578	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
7) Chloroethane-d5	2.89	69	140705	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
10) 1,1-Dichloroethene-d2	4.01	63	244137	17.36	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.44%
20) 2-Butanone-d5	7.08	46	98825	46.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.10%
24) Chloroform-d	7.64	84	299491	21.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	8.30	65	187996	22.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.84%
29) Benzene-d6	8.27	84	575184	23.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.20%
33) 1,2-Dichloropropane-d6	9.27	67	171019	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.72%
37) Toluene-d8	10.32	98	527715	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.48%
38) trans-1,3-Dichloropropene-	10.57	79	81414	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.52%
39) 2-Hexanone-d5	10.92	63	69744	48.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153690	21.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	182619	24.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.08%

Target Compounds

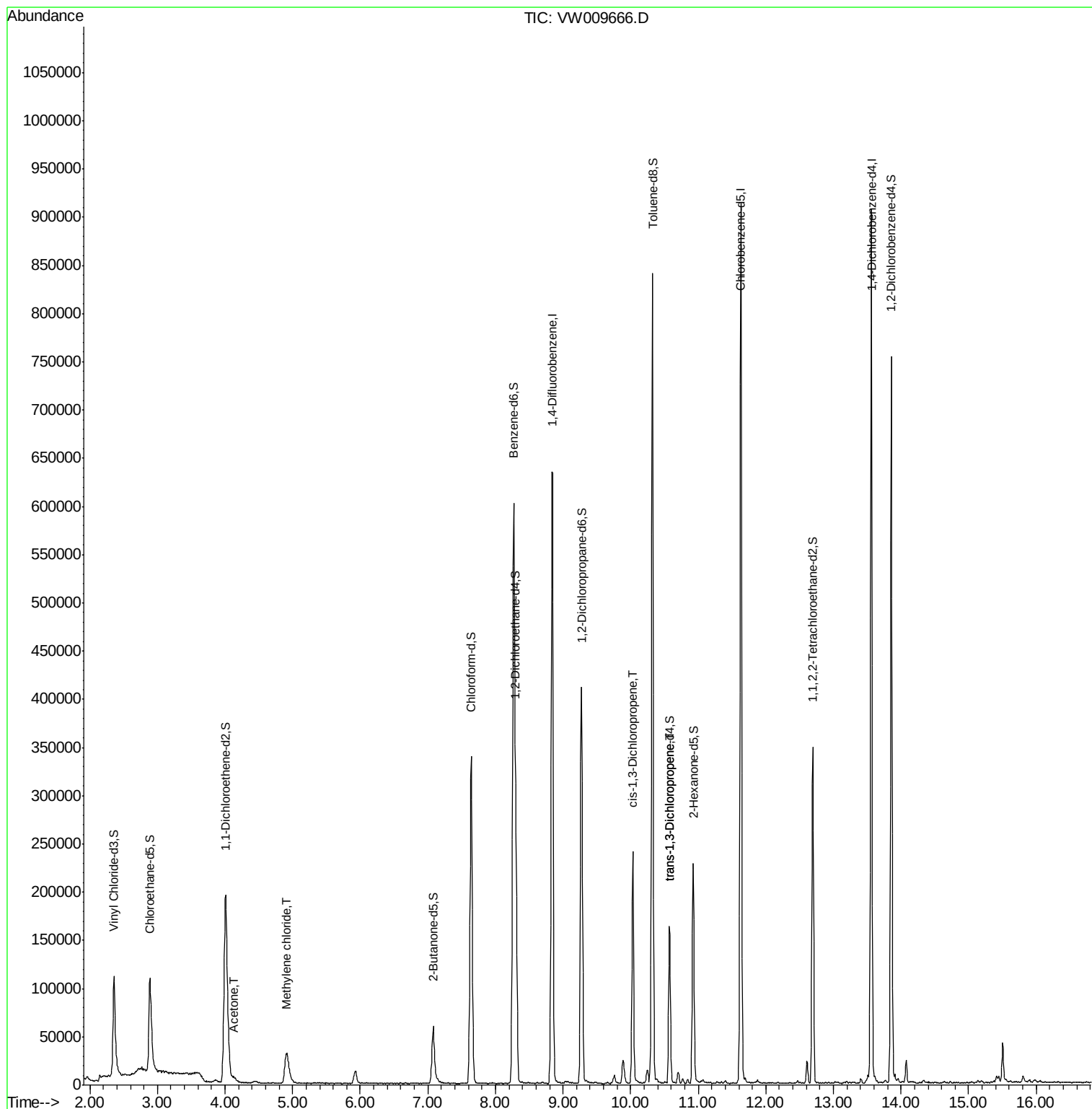
					Qvalue
13) Acetone	4.14	43	6129	2.695 ug/L	54
16) Methylene chloride	4.90	84	26229	2.977 ug/L	92
42) cis-1,3-Dichloropropene	10.03	75	6643	0.592 ug/L #	80
45) trans-1,3-Dichloropropene	10.57	75	4515	0.467 ug/L #	78

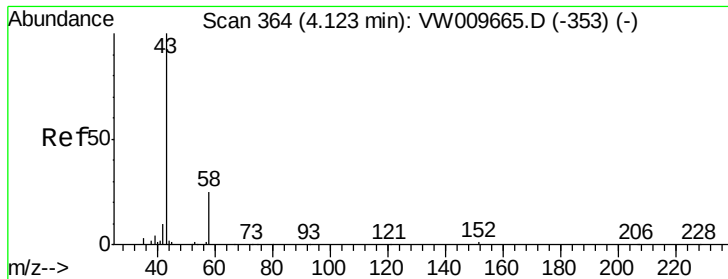
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.695 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

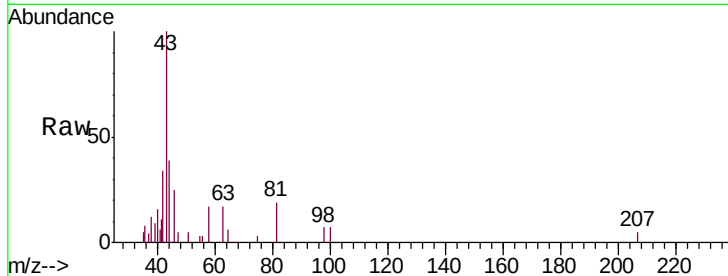
VBLK21

Tgt Ion: 43 Resp: 6129

Ion Ratio Lower Upper

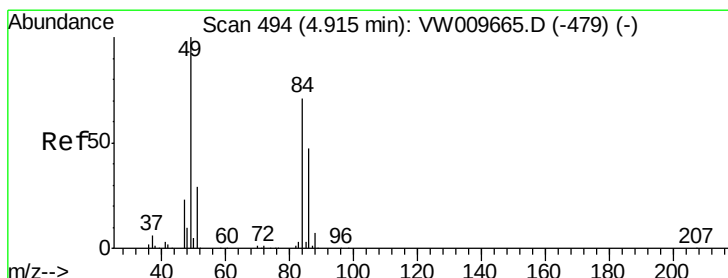
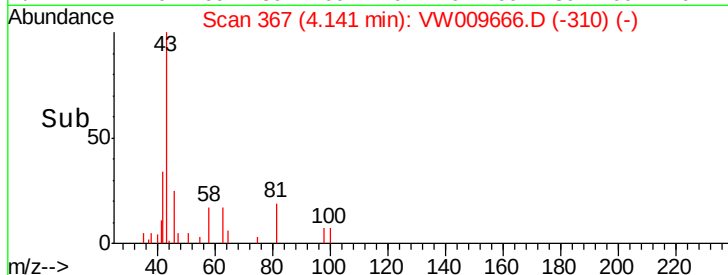
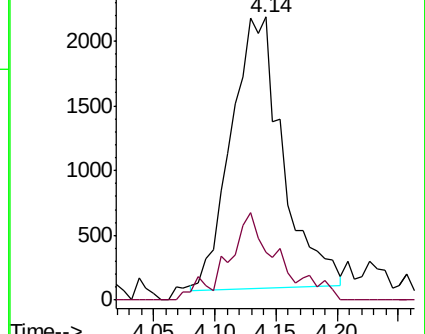
43 100

58 3.0 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: 2.977 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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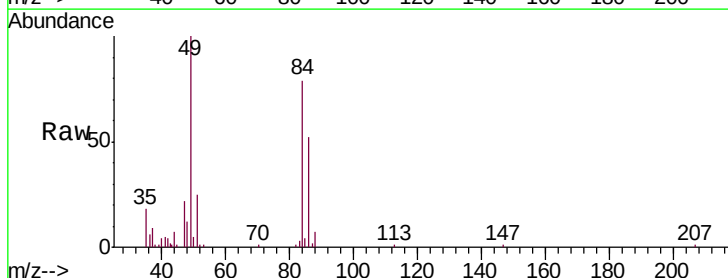
Tgt Ion: 84 Resp: 26229

Ion Ratio Lower Upper

84 100

49 126.1 98.3 182.5

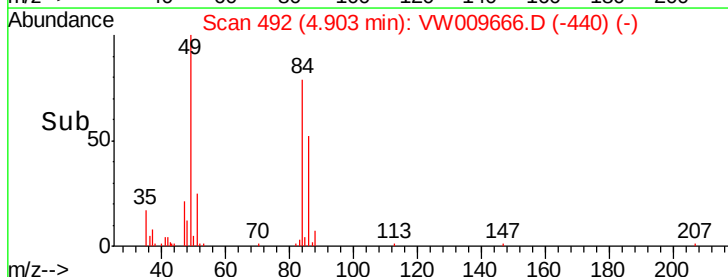
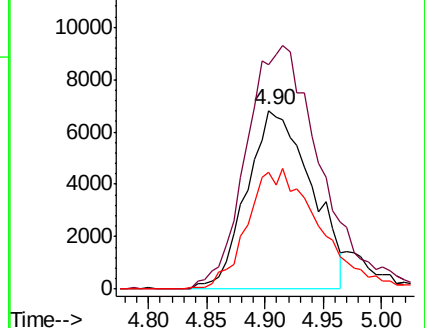
86 65.7 46.4 86.2

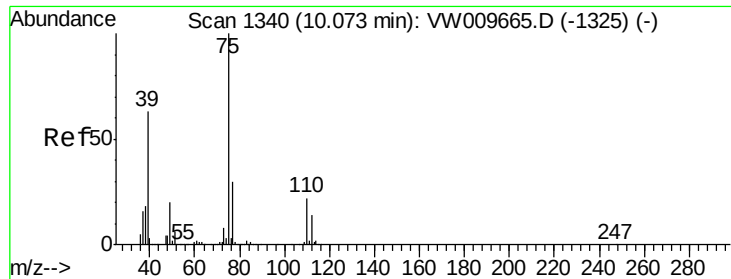


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.592 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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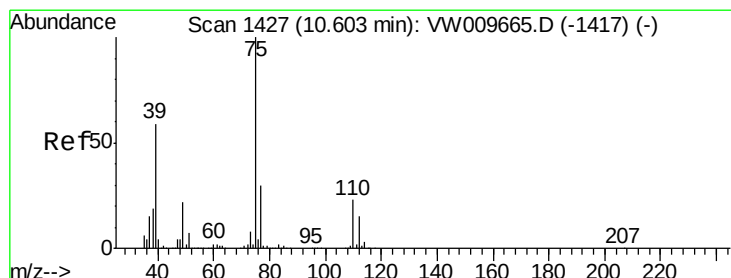
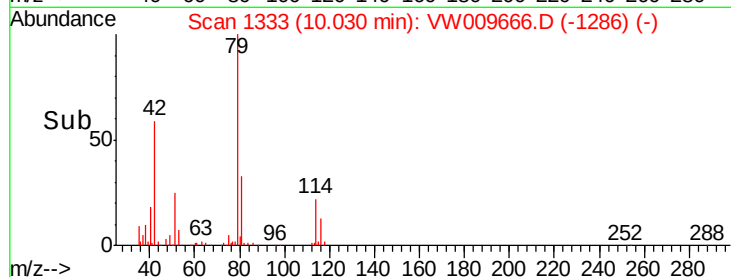
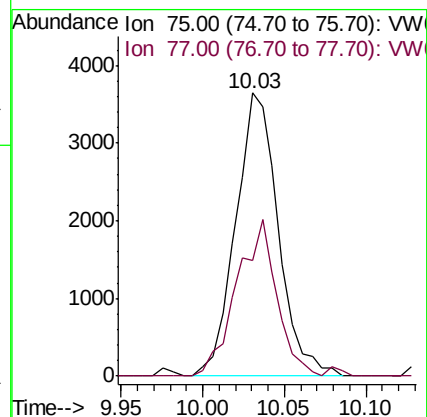
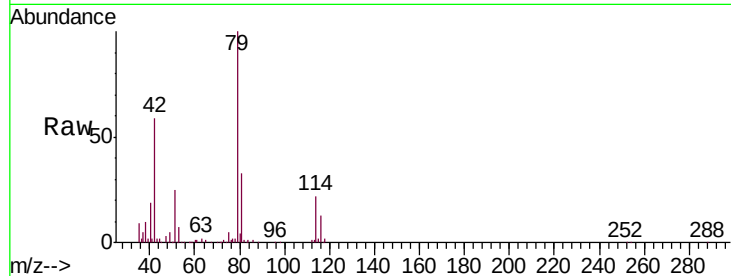
VBLK21

Tgt Ion: 75 Resp: 6643

Ion Ratio Lower Upper

75 100

77 40.9 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.467 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009666.D

Acq: 03 Apr 2019 18:28

Tgt Ion: 75 Resp: 4515

Ion Ratio Lower Upper

75 100

77 42.3 21.1 39.3#

