

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041519\
 Data File : VW009984.D
 Acq On : 15 Apr 2019 21:24
 Operator : SY/VA
 Sample : K2354-02
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Apr 16 01:56:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 01:53:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	583599	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	573726	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	250546	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	153909	27.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.64%
7) Chloroethane-d5	2.89	69	141692	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.44%
10) 1,1-Dichloroethene-d2	4.01	63	299852	19.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.40%
20) 2-Butanone-d5	7.08	46	139128	46.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.26%
24) Chloroform-d	7.65	84	401311	23.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	8.45	65	75	0.01	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	770810	24.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.80%
33) 1,2-Dichloropropane-d6	9.27	67	241257	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.08%
37) Toluene-d8	10.32	98	700476	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.40%
38) trans-1,3-Dichloropropene-	10.58	79	110108	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.52%
39) 2-Hexanone-d5	10.93	63	105630	47.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	212391	22.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	240733	25.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.24%

Target Compounds

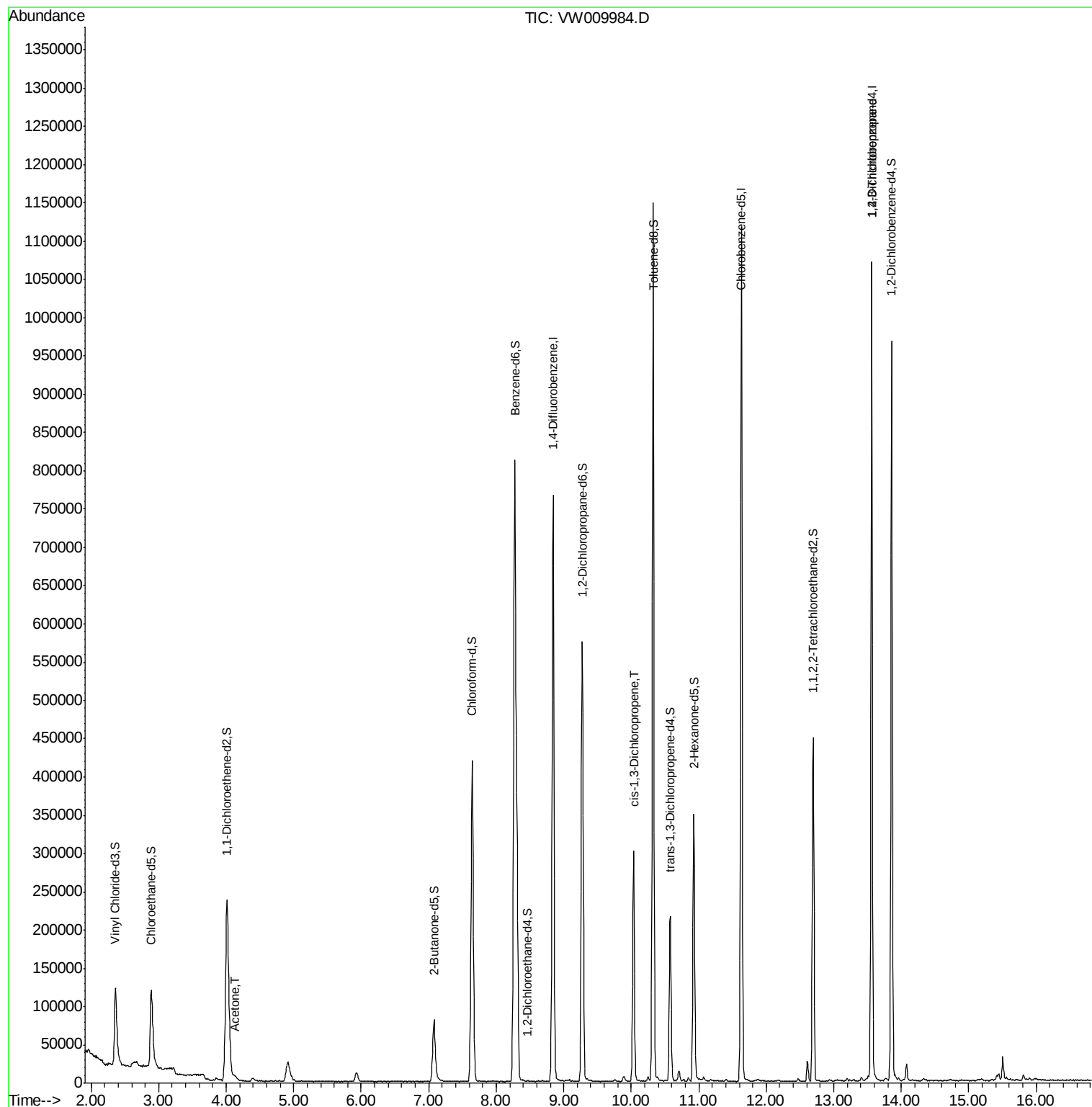
					Qvalue
13) Acetone	4.14	43	6063	2.285 ug/L	58
42) cis-1,3-Dichloropropene	10.03	75	8442	0.613 ug/L #	77
59) 1,2,3-Trichloropropane	13.56	75	34049	4.961 ug/L	89

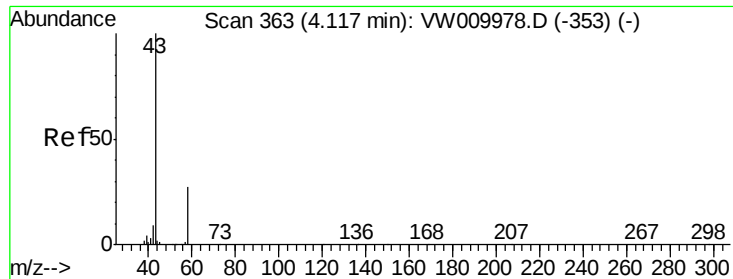
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 16 01:53:26 2019
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#13

Acetone

Concen: 2.285 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

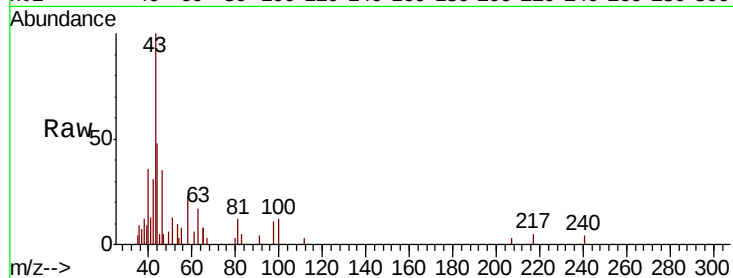
VHBLK01

Tgt Ion: 43 Resp: 6063

Ion Ratio Lower Upper

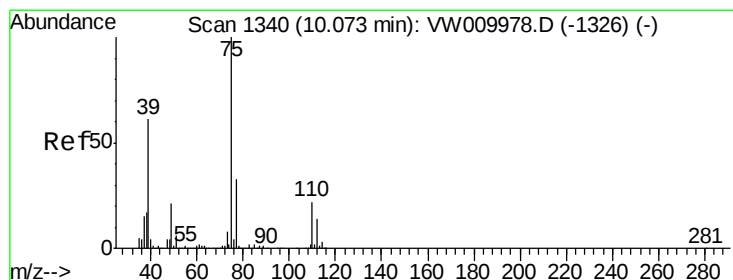
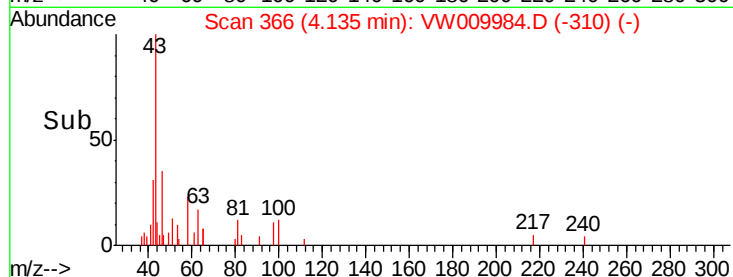
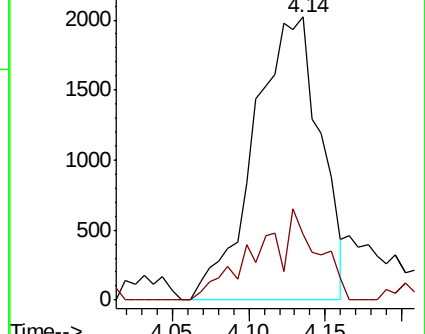
43 100

58 5.9 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.613 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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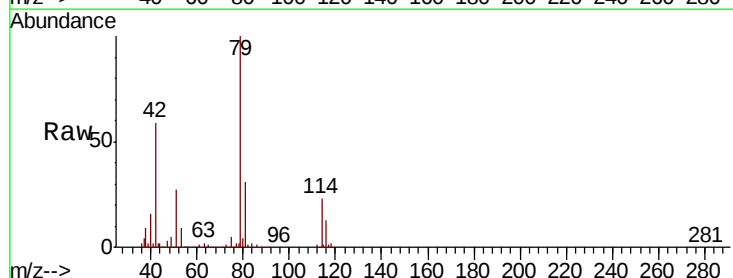
Acq: 15 Apr 2019 21:24

Tgt Ion: 75 Resp: 8442

Ion Ratio Lower Upper

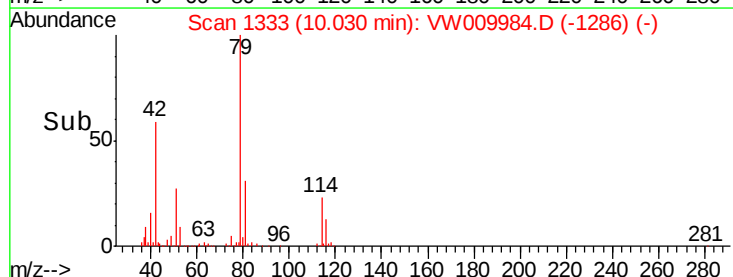
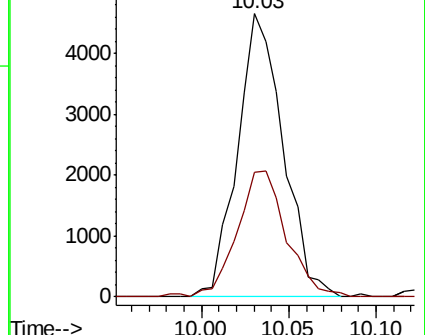
75 100

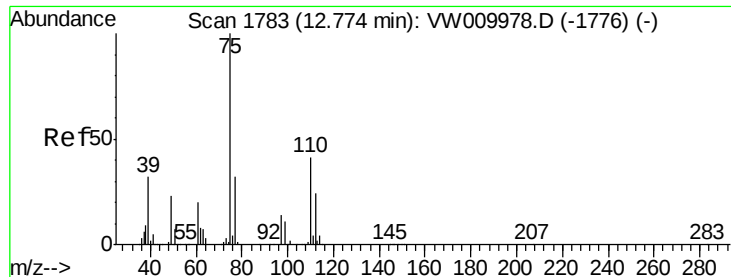
77 43.9 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 4.961 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 34049

Ion Ratio Lower Upper

75 100

77 38.4 25.8 38.6

