

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009865.D
 Acq On : 10 Apr 2019 06:28
 Operator : SY/VA
 Sample : K2278-03
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB6X0

Quant Time: Apr 10 08:18:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 08:15:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	371866	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	379086	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162408	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	81597	16.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.08%
7) Chloroethane-d5	2.89	69	83269	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.72%
10) 1,1-Dichloroethene-d2	4.01	63	159954	15.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.12%
20) 2-Butanone-d5	7.08	46	89200	56.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.92%
24) Chloroform-d	7.65	84	263883	26.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	8.30	65	178709	28.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.76%
29) Benzene-d6	8.27	84	459963	23.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.44%
33) 1,2-Dichloropropane-d6	9.27	67	156184	25.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.64%
37) Toluene-d8	10.32	98	399806	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.92%
38) trans-1,3-Dichloropropene-	10.58	79	63635	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.84%
39) 2-Hexanone-d5	10.93	63	54412	46.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147744	25.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	152981	26.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.36%

Target Compounds

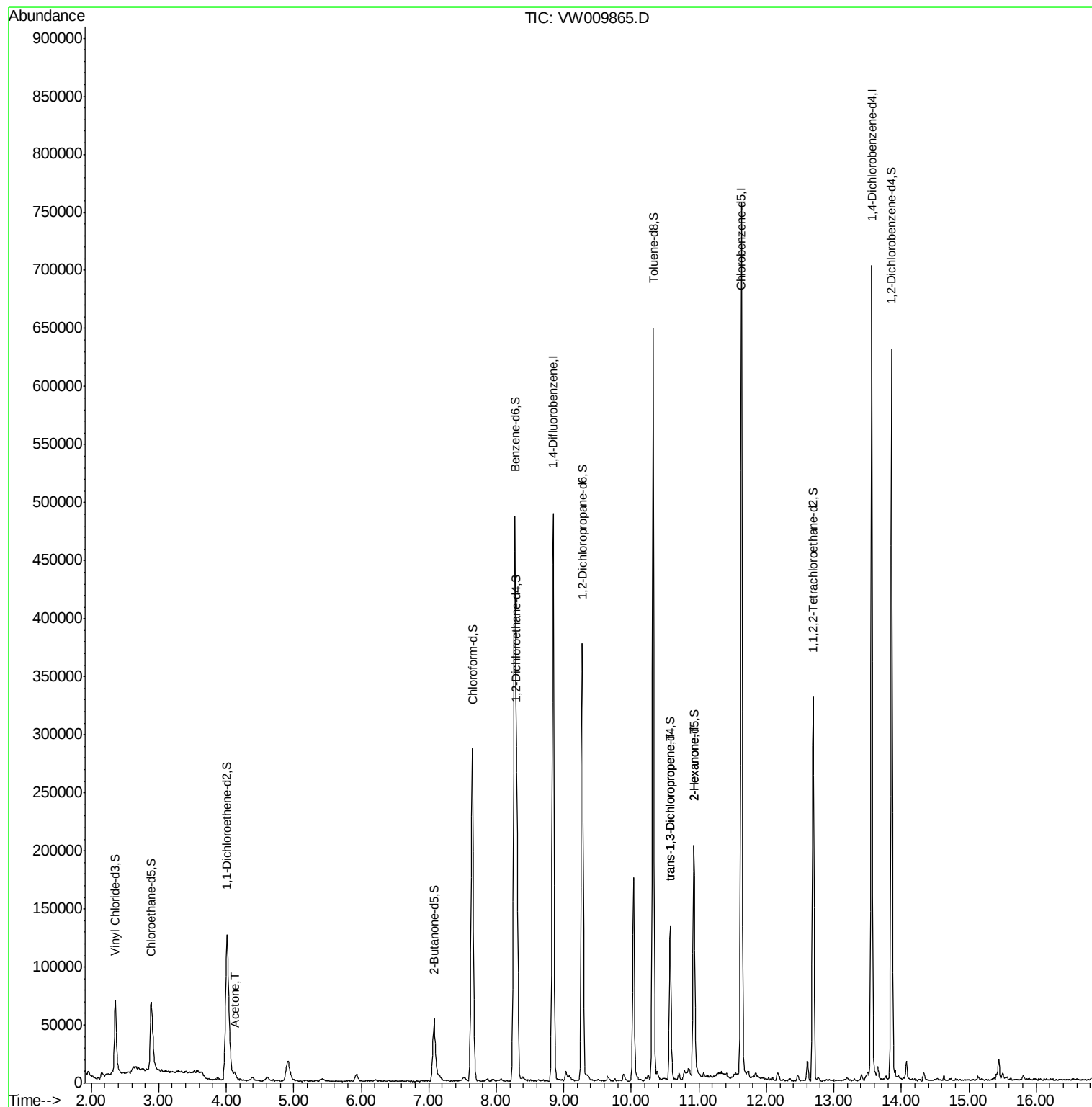
					Qvalue
13) Acetone	4.12	43	7370	4.354 ug/L	73
45) trans-1,3-Dichloropropene	10.57	75	3768	0.483 ug/L	96
49) 2-Hexanone	10.93	43	11245	3.330 ug/L #	79

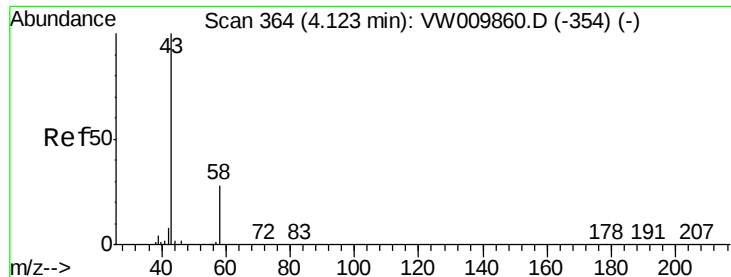
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.354 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Acq: 10 Apr 2019 06:28

Instrument :

MSVOA_W

ClientSampleId :

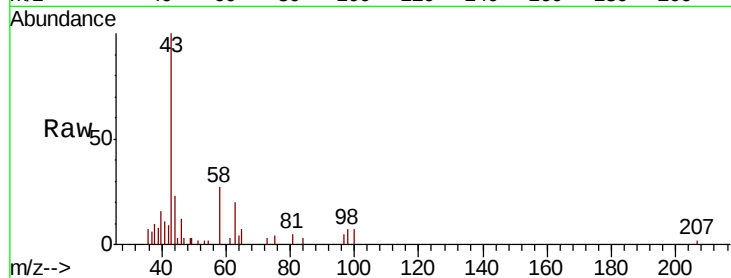
DB6X0

Tgt Ion: 43 Resp: 7370

Ion Ratio Lower Upper

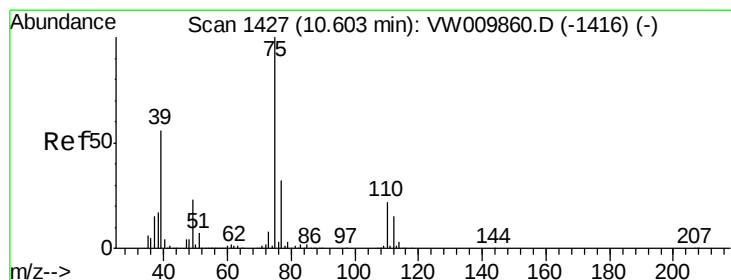
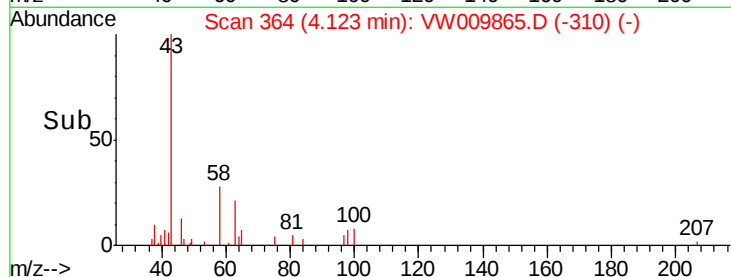
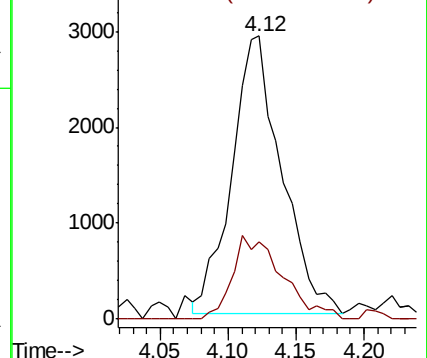
43 100

58 12.7 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.483 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

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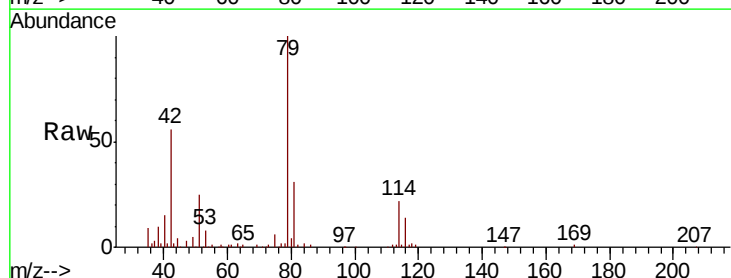
Acq: 10 Apr 2019 06:28

Tgt Ion: 75 Resp: 3768

Ion Ratio Lower Upper

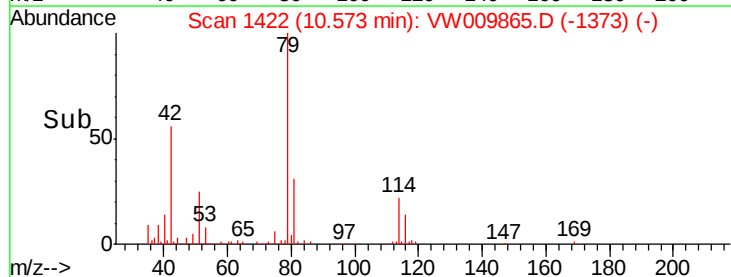
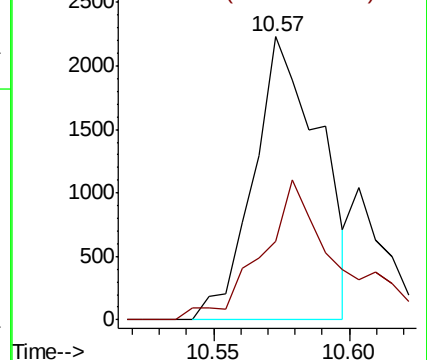
75 100

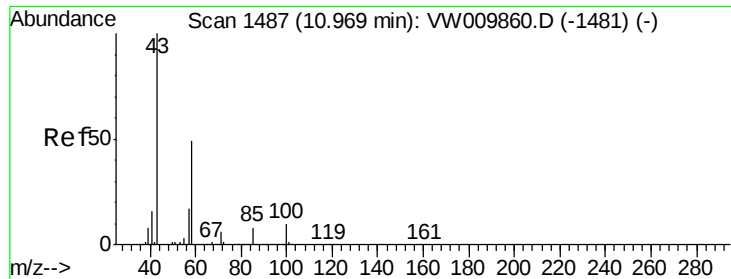
77 27.9 21.1 39.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49
 2-Hexanone
 Concen: 3.330 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
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Tgt Ion: 43 Resp: 11245
 Ion Ratio Lower Upper
 43 100
 58 31.8 38.9 58.3#
 57 11.3 13.8 20.6#
 100 5.8 8.6 13.0#

