

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009867.D
 Acq On : 10 Apr 2019 07:22
 Operator : SY/VA
 Sample : K2278-05
 Misc : 5.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB6X2

Quant Time: Apr 10 08:18:23 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	478429	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	473768	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	202552	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101404	16.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.80%
7) Chloroethane-d5	2.89	69	104190	18.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.68%
10) 1,1-Dichloroethene-d2	4.01	63	198671	14.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.04%
20) 2-Butanone-d5	7.07	46	121155	59.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.20%
24) Chloroform-d	7.65	84	315837	24.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	8.31	65	215788	26.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.68%
29) Benzene-d6	8.27	84	563927	22.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.68%
33) 1,2-Dichloropropane-d6	9.27	67	190666	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.28%
37) Toluene-d8	10.32	98	485435	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.44%
38) trans-1,3-Dichloropropene-	10.58	79	77704	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.84%
39) 2-Hexanone-d5	10.93	63	75918	52.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	182585	25.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	185236	26.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.24%

Target Compounds

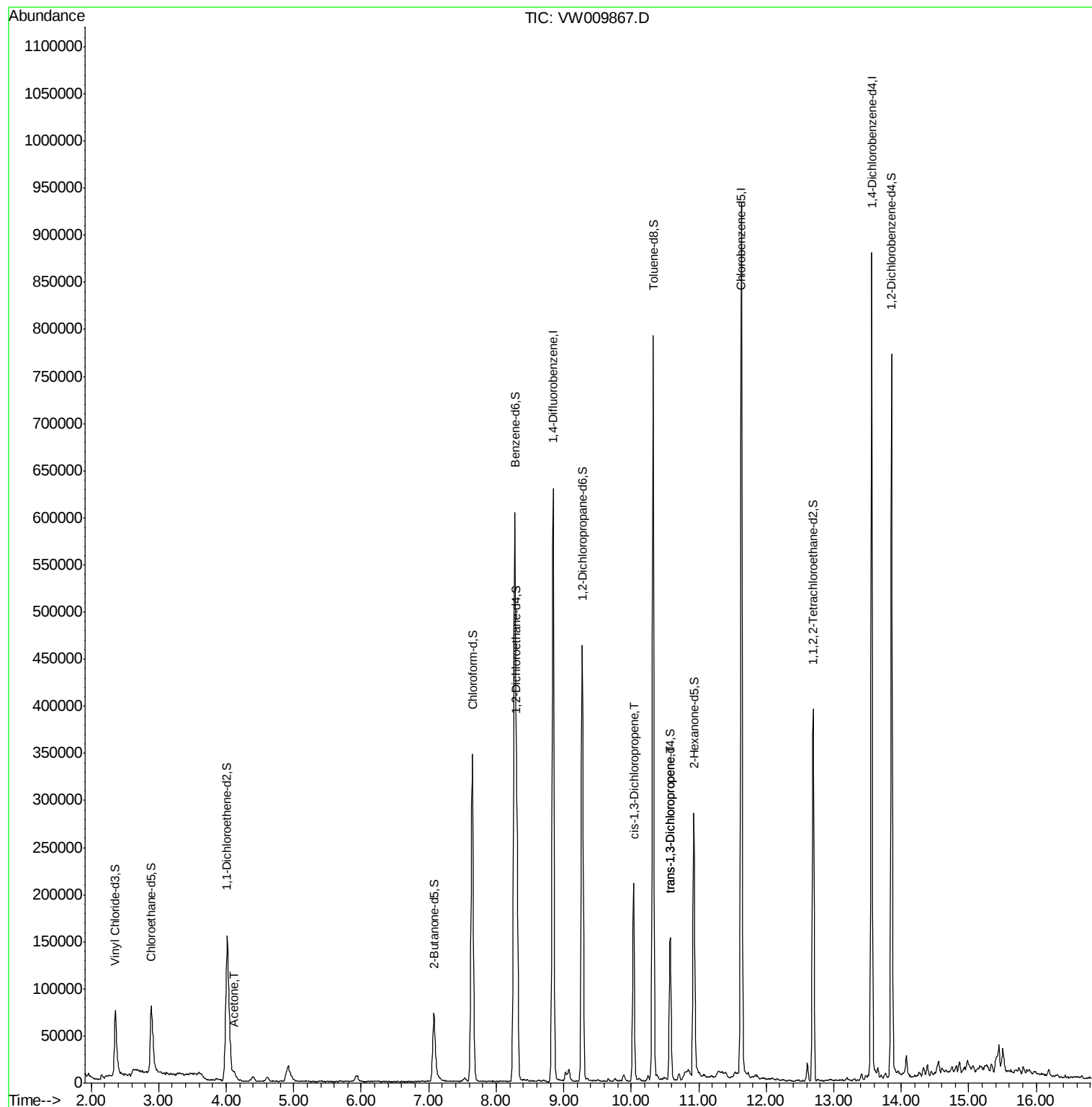
					Qvalue
13) Acetone	4.12	43	10266	4.714 ug/L	75
42) cis-1,3-Dichloropropene	10.03	75	5852	0.518 ug/L #	71
45) trans-1,3-Dichloropropene	10.58	75	4141	0.425 ug/L #	69

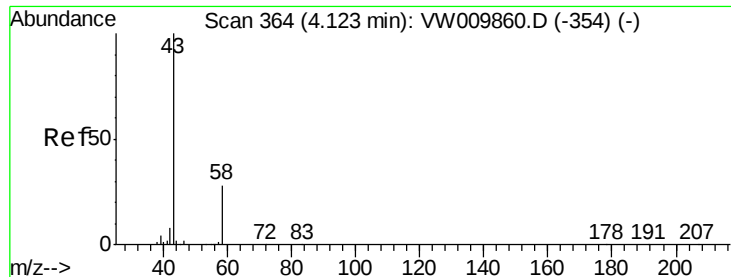
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.714 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009867.D

Acq: 10 Apr 2019 07:22

Instrument :

MSVOA_W

ClientSampled :

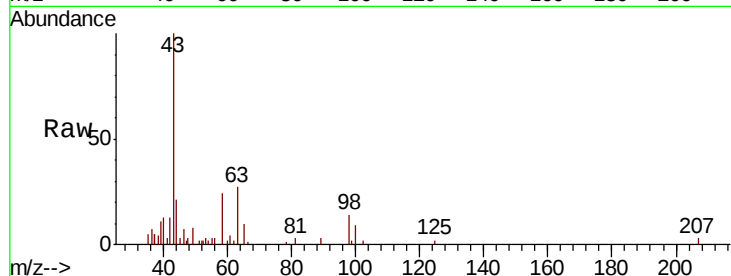
DB6X2

Tgt Ion: 43 Resp: 10266

Ion Ratio Lower Upper

43 100

58 13.7 0.0 53.0



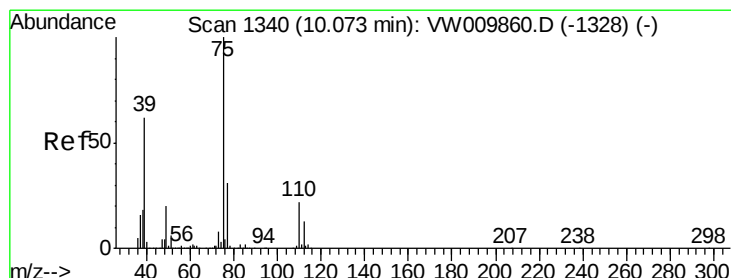
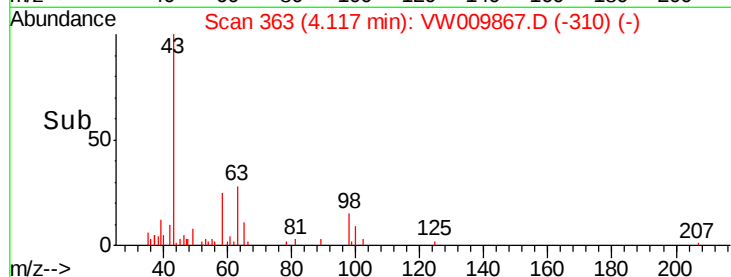
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4.05 4.10 4.15 4.20

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.518 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009867.D

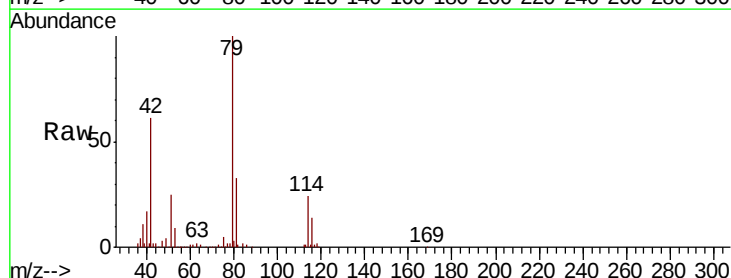
Acq: 10 Apr 2019 07:22

Tgt Ion: 75 Resp: 5852

Ion Ratio Lower Upper

75 100

77 45.9 21.0 39.0#



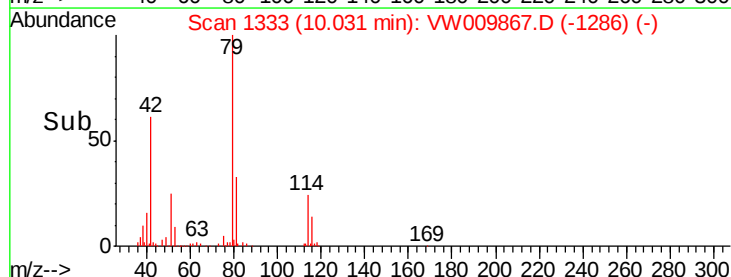
Abundance Ion 75.00 (74.70 to 75.70): VW

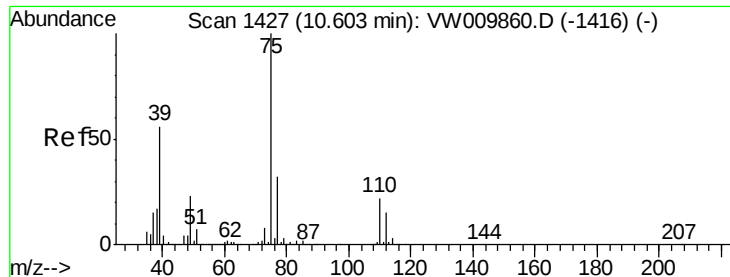
Ion 77.00 (76.70 to 77.70): VW

10.03

10.00 10.05

Time-->





#45

trans-1,3-Dichloropropene

Concen: 0.425 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009867.D

Acq: 10 Apr 2019 07:22

Instrument :

MSVOA_W

ClientSampleId :

DB6X2

Tgt Ion: 75 Resp: 4141

Ion Ratio Lower Upper

75 100

77 47.2 21.1 39.3#

