

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
 Data File : VW006317.D
 Acq On : 24 Oct 2018 14:17
 Operator : SY/AP
 Sample : J5635-10
 Misc : 4.88G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40E9

Quant Time: Oct 25 07:36:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	357295	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330413	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	159779	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	78495	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.92%
7) Chloroethane-d5	2.90	69	74850	21.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.32%
10) 1,1-Dichloroethene-d2	4.01	63	123691	15.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.92%
20) 2-Butanone-d5	7.09	46	58752	43.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.98%
24) Chloroform-d	7.65	84	185523	23.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	8.31	65	110532	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.24%
29) Benzene-d6	8.28	84	370691	24.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.84%
33) 1,2-Dichloropropane-d6	9.28	67	110686	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.80%
37) Toluene-d8	10.33	98	360220	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.04%
38) trans-1,3-Dichloropropene-	10.59	79	44751	20.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.36%
39) 2-Hexanone-d5	10.93	63	47468	43.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.78%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	107020	24.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	138451	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%

Target Compounds

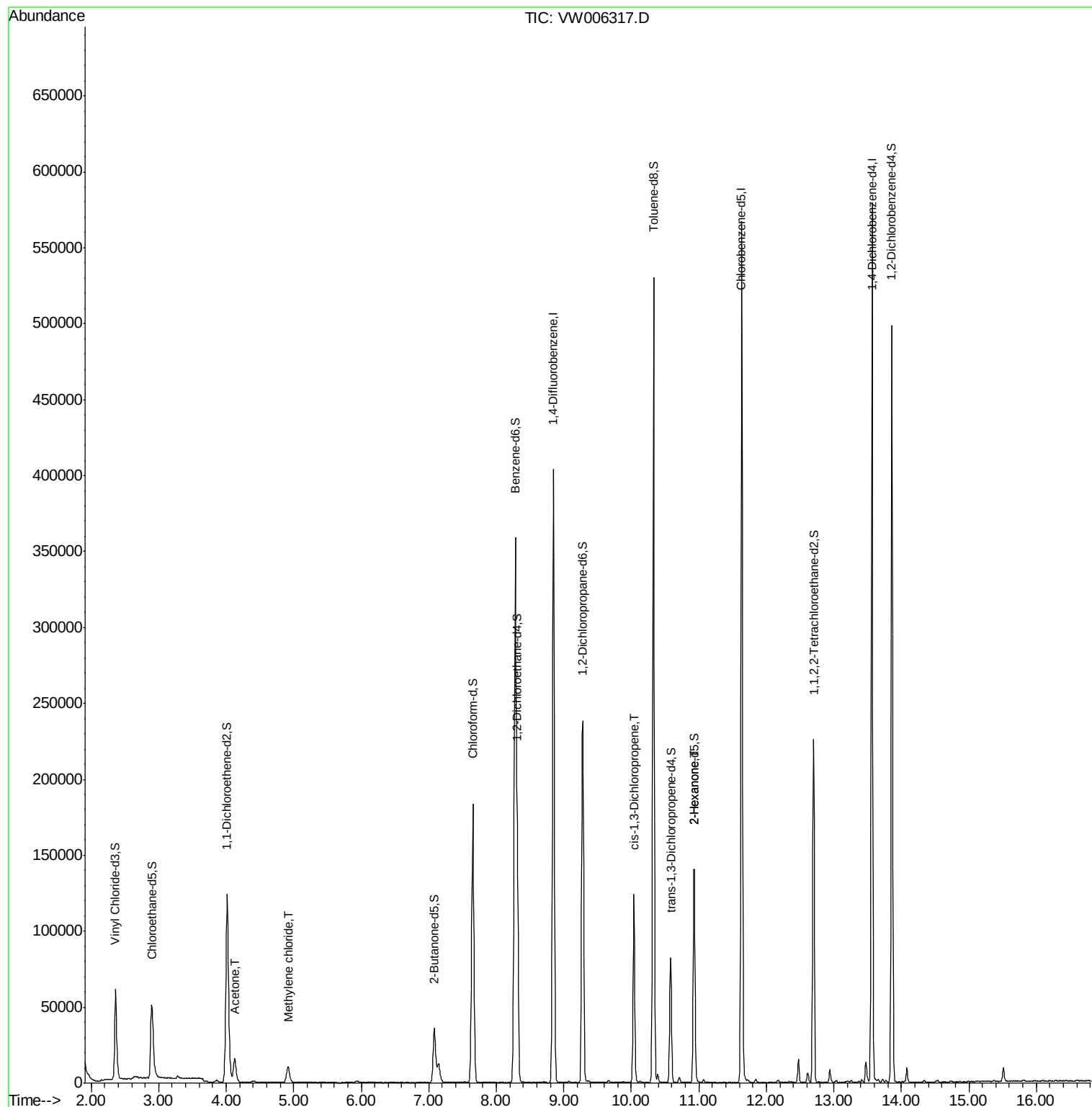
					Qvalue
13) Acetone	4.12	43	26762	19.833 ug/L	100
16) Methylene chloride	4.92	84	8400	1.821 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	3306	0.481 ug/L	85
49) 2-Hexanone	10.93	43	6907	2.780 ug/L #	67

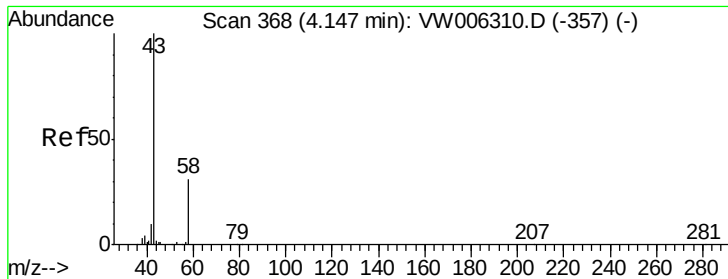
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 19.833 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Acq: 24 Oct 2018 14:17

Instrument :

MSVOA_W

ClientSampled :

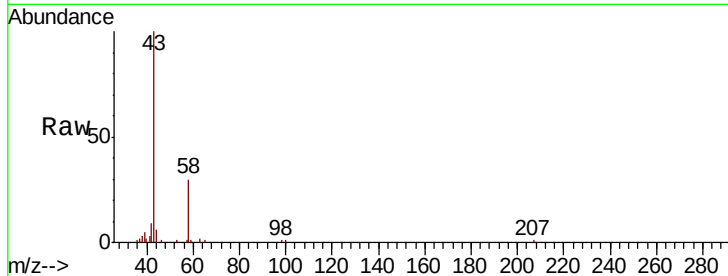
A40E9

Tgt Ion: 43 Resp: 26762

Ion Ratio Lower Upper

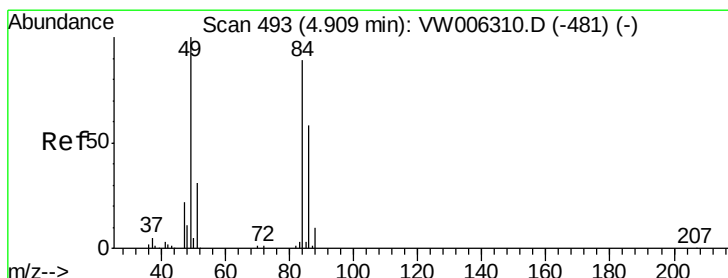
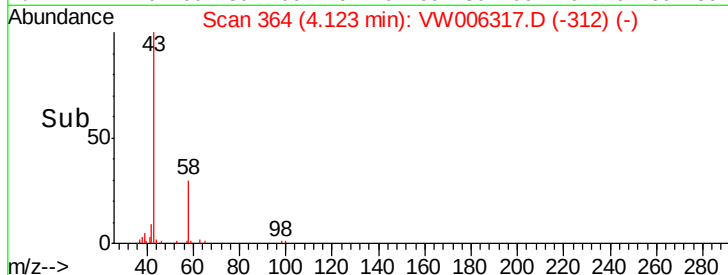
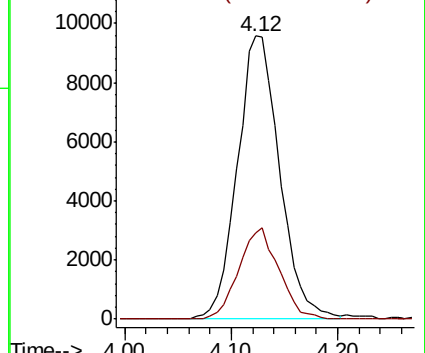
43 100

58 30.3 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.821 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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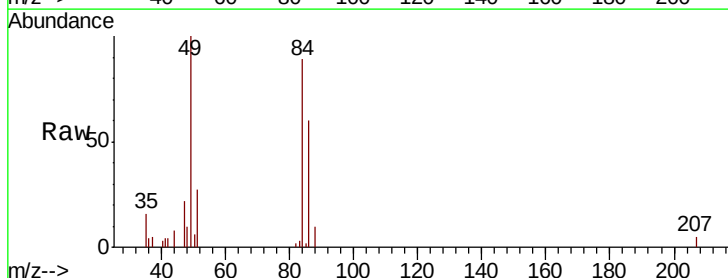
Tgt Ion: 84 Resp: 8400

Ion Ratio Lower Upper

84 100

49 111.8 83.5 155.1

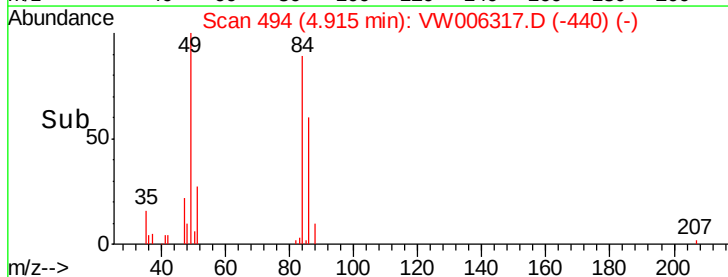
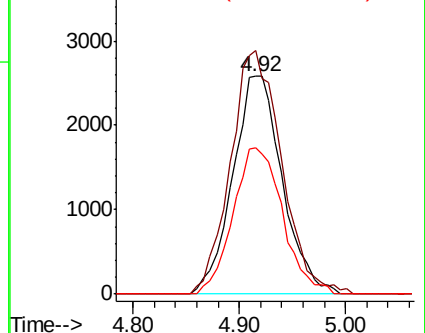
86 67.1 44.9 83.5

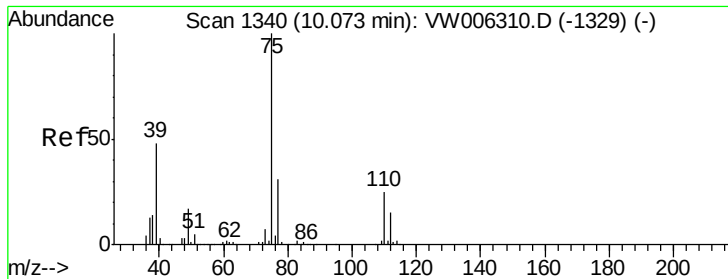


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.481 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

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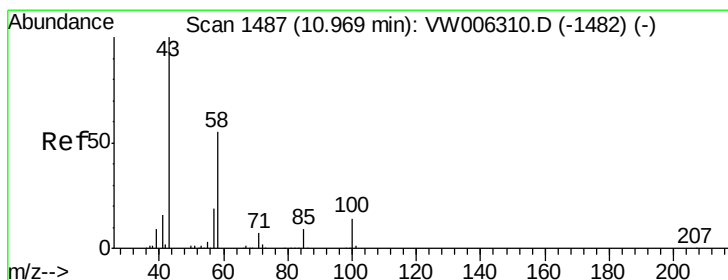
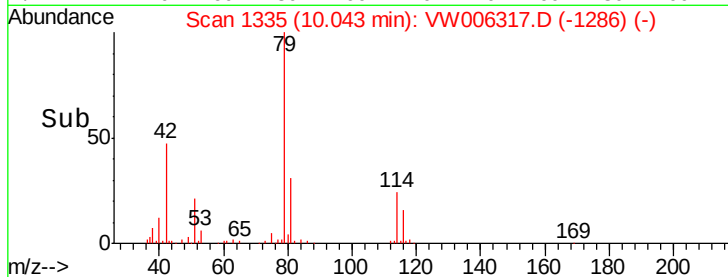
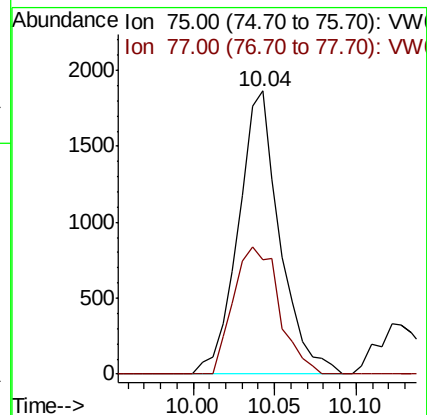
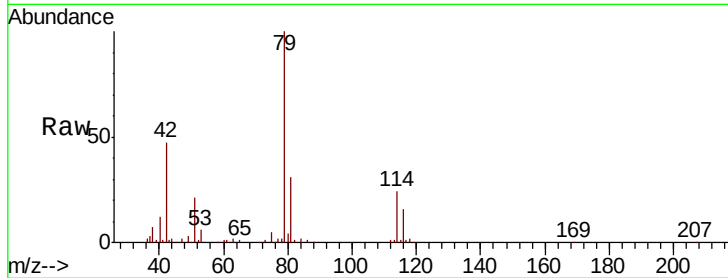
A40E9

Tgt Ion: 75 Resp: 3306

Ion Ratio Lower Upper

75 100

77 40.6 22.6 42.0



#49

2-Hexanone

Concen: 2.780 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006317.D

Acq: 24 Oct 2018 14:17

Tgt Ion: 43 Resp: 6907

Ion Ratio Lower Upper

43 100

58 22.4 42.1 63.1#

57 22.2 15.1 22.7

100 0.0 9.9 14.9#

