

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041619\
 Data File : VW010008.D
 Acq On : 16 Apr 2019 20:36
 Operator : SY/VA
 Sample : K2402-16
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHJ6

Quant Time: Apr 17 00:46:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 00:43:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	603141	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	584793	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	236556	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	144676	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.52%
7) Chloroethane-d5	2.89	69	130011	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.08%
10) 1,1-Dichloroethene-d2	4.01	63	283092	17.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.64%
20) 2-Butanone-d5	7.08	46	127114	41.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.46%
24) Chloroform-d	7.65	84	397061	22.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	8.31	65	248147	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.76%
29) Benzene-d6	8.27	84	739076	23.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.00%
33) 1,2-Dichloropropane-d6	9.27	67	239145	23.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.44%
37) Toluene-d8	10.32	98	648209	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.44%
38) trans-1,3-Dichloropropene-	10.58	79	100122	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.52%
39) 2-Hexanone-d5	10.93	63	92084	40.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	200276	20.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	219794	24.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.88%

Target Compounds

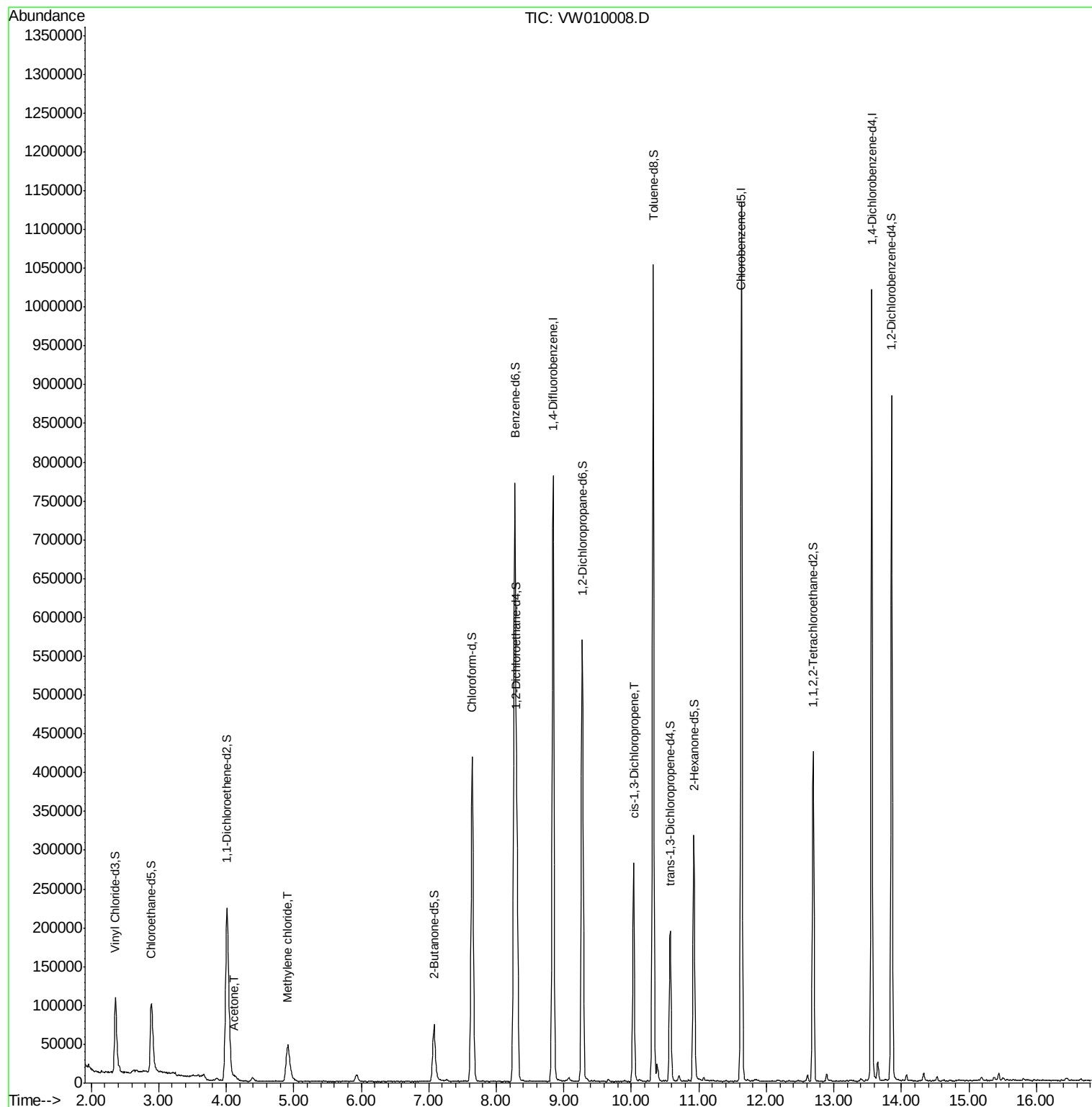
					Qvalue
13) Acetone	4.12	43	7008	2.556 ug/L	69
16) Methylene chloride	4.90	84	41027	3.757 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	8000	0.570 ug/L #	75

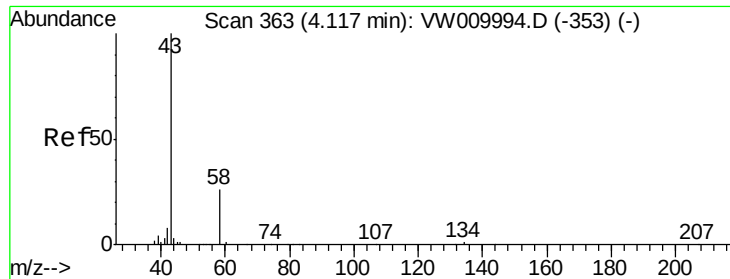
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.556 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Acq: 16 Apr 2019 20:36

Instrument :

MSVOA_W

ClientSampled :

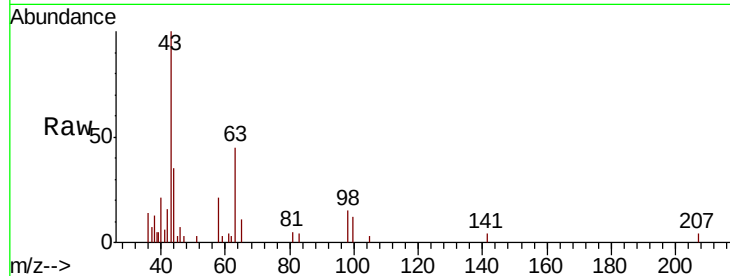
GAHJ6

Tgt Ion: 43 Resp: 7008

Ion Ratio Lower Upper

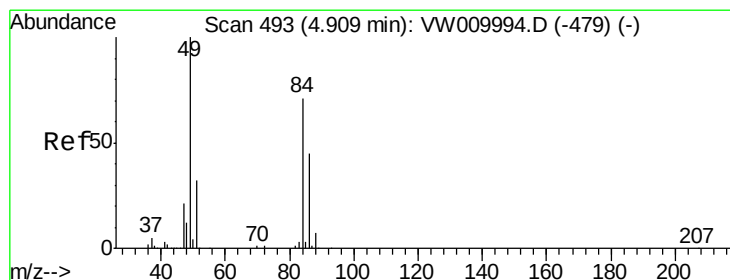
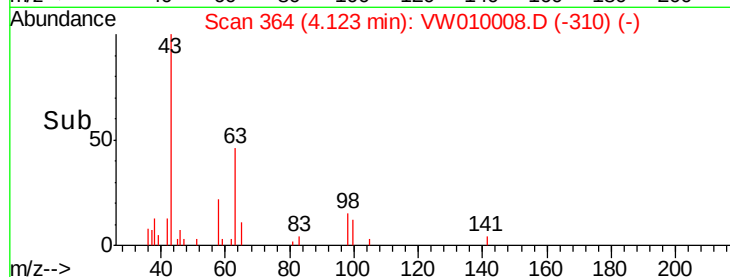
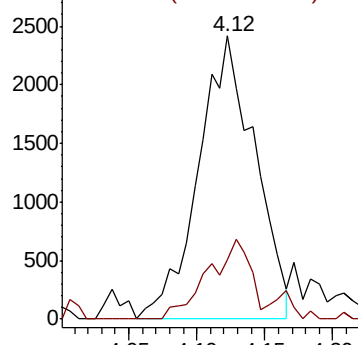
43 100

58 11.8 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.757 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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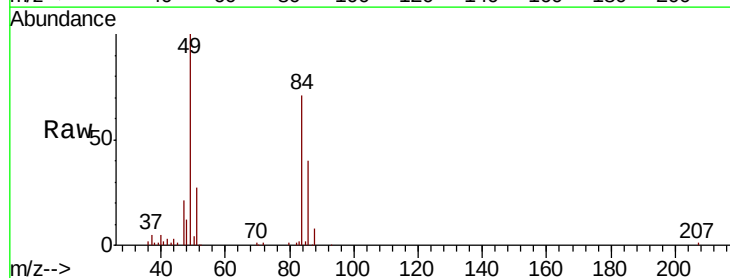
Tgt Ion: 84 Resp: 41027

Ion Ratio Lower Upper

84 100

49 141.0 100.7 187.1

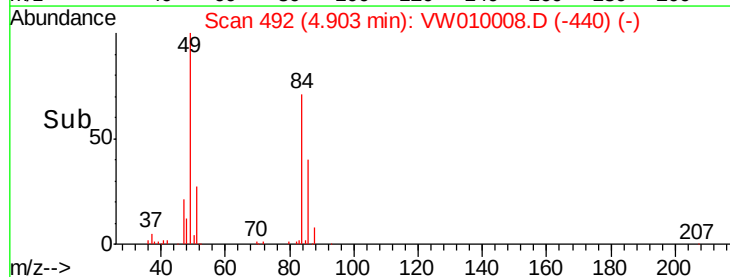
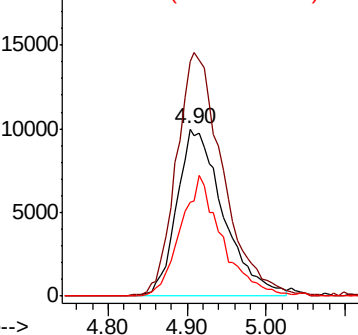
86 56.0 43.8 81.3

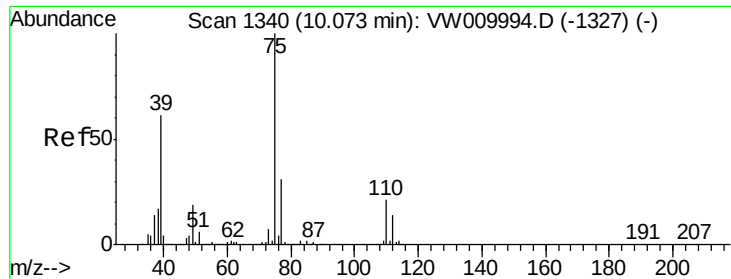


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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GAHJ6

Tgt Ion: 75 Resp: 8000

Ion Ratio Lower Upper

75 100

77 44.6 21.8 40.4#

