

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081319\
 Data File : VW011890.D
 Acq On : 13 Aug 2019 12:47
 Operator : SY/VA
 Sample : K4215-21
 Misc : 5.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC5

Quant Time: Aug 14 05:30:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:55:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	45455	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	29050	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	8854	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	33375	52.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	208.56%#
7) Chloroethane-d5	2.89	69	30541	66.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	265.00%#
10) 1,1-Dichloroethene-d2	4.02	63	30476	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.08%
20) 2-Butanone-d5	7.08	46	63743	221.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	442.34%#
24) Chloroform-d	7.65	84	63187	50.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	202.48%#
26) 1,2-Dichloroethane-d4	8.31	65	57031	77.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	308.76%#
29) Benzene-d6	8.27	84	79182	43.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	173.36%#
33) 1,2-Dichloropropane-d6	9.27	67	38567	65.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	261.60%#
37) Toluene-d8	10.32	98	33141	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.76%
38) trans-1,3-Dichloropropene-	10.58	79	12458	48.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	192.80%#
39) 2-Hexanone-d5	10.93	63	20732	150.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	301.02%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32491	66.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	265.36%#
61) 1,2-Dichlorobenzene-d4	13.85	152	8399	24.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.48%

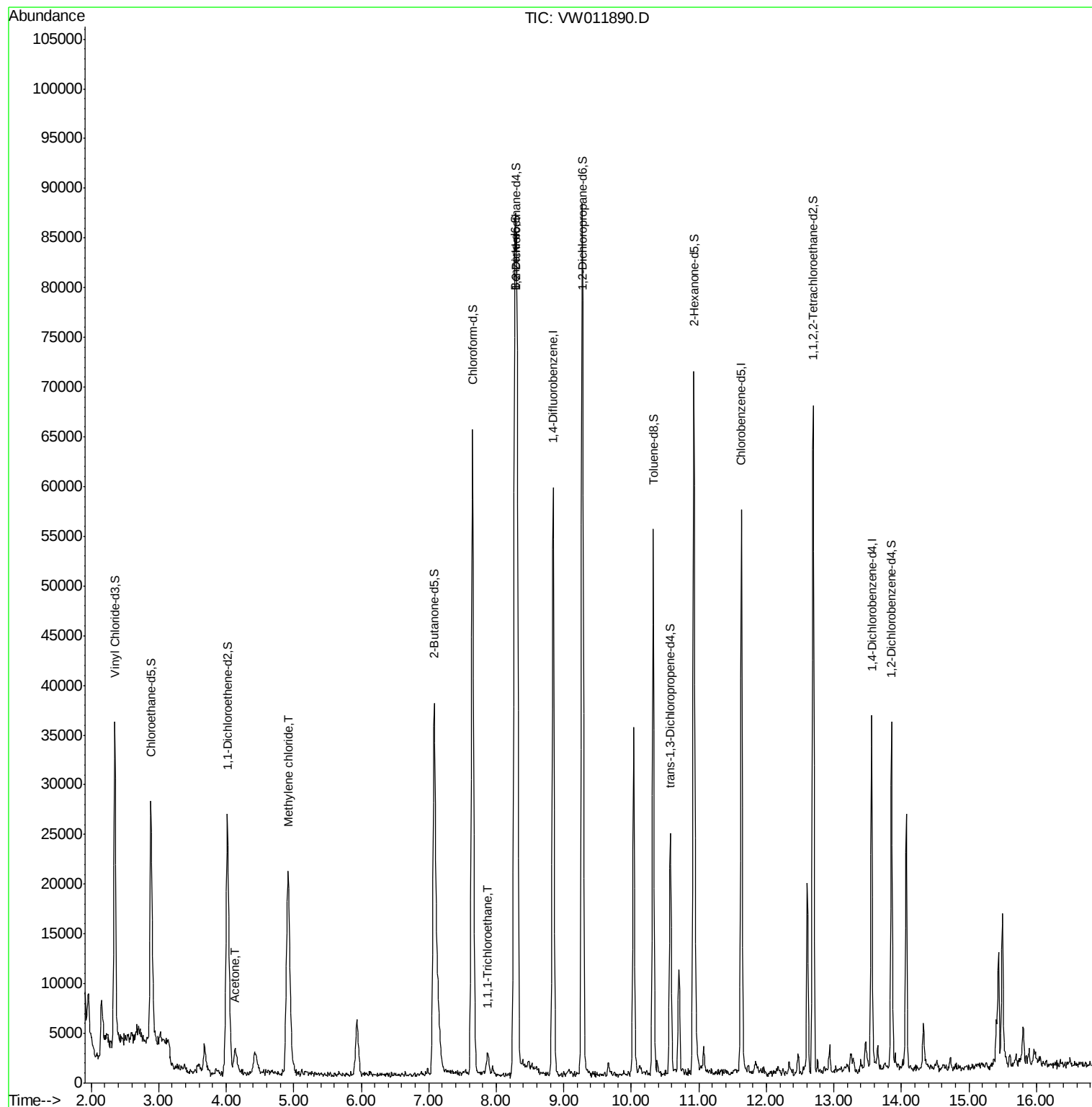
Target Compounds					Ovalue
13) Acetone	4.14	43	4331	14.031 ug/L	80
16) Methylene chloride	4.92	84	15698	22.130 ug/L	93
31) 1,1,1-Trichloroethane	7.87	97	1293	1.827 ug/L #	60

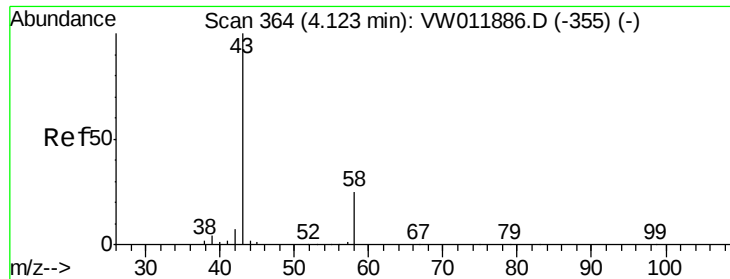
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.031 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

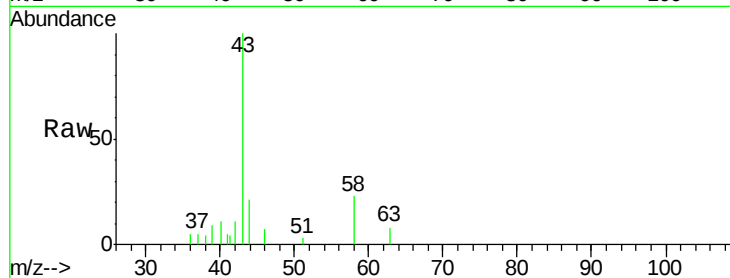
ETOC5

Tot Ion: 43 Resp: 4331

Ion Ratio Lower Upper

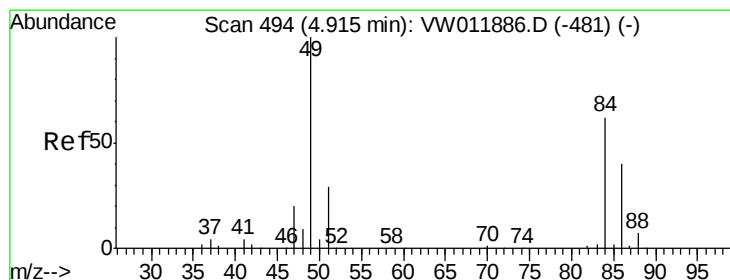
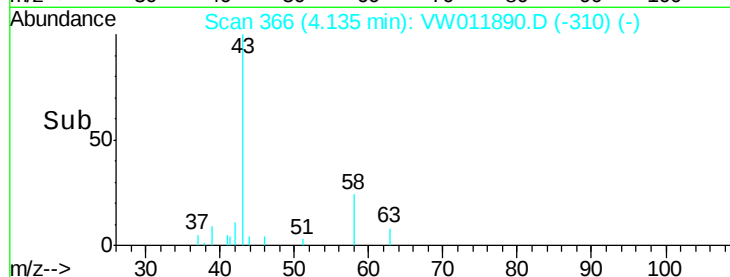
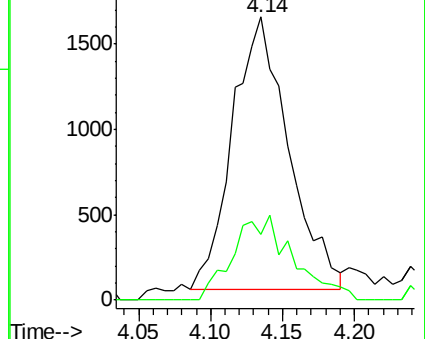
43 100

58 16.5 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 22.130 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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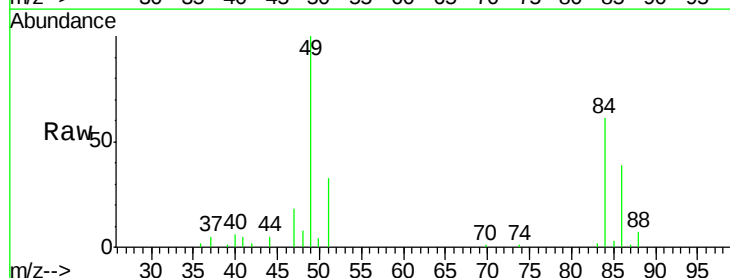
Tgt Ion: 84 Resp: 15698

Ion Ratio Lower Upper

84 100

49 164.0 106.8 198.4

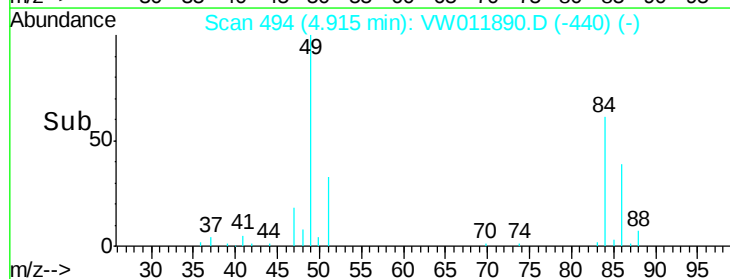
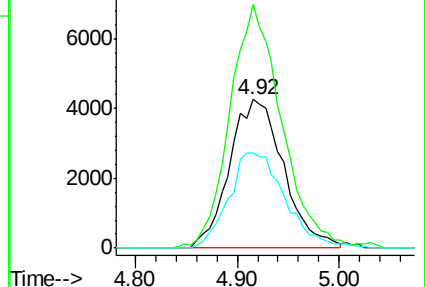
86 64.1 42.8 79.4

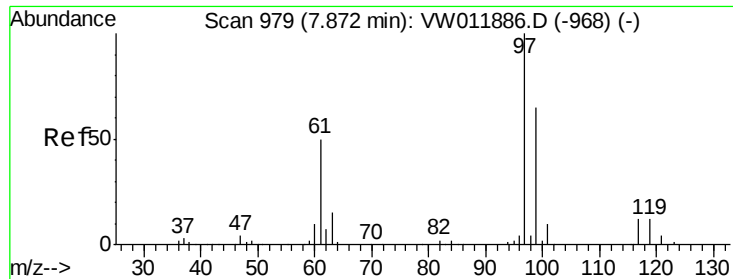


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#31
 1,1,1-Trichloroethane
 Concen: 1.827 ug/L
 RT: 7.87 min Scan# 979
 Delta R.T. -0.00 min
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Tot Ion: 97 Resp: 1293
 Ion Ratio Lower Upper
 97 100
 99 42.8 52.1 78.1#
 61 12.6 40.3 60.5#

