

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081319\
 Data File : VW011893.D
 Acq On : 13 Aug 2019 14:13
 Operator : SY/VA
 Sample : K4215-24
 Misc : 5.79G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOD4

Quant Time: Aug 14 05:39:26 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	76210	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	53797	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	16745	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	33191	30.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.72%
7) Chloroethane-d5	2.89	69	29318	37.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	151.72%#
10) 1,1-Dichloroethene-d2	4.01	63	27950	11.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.44%
20) 2-Butanone-d5	7.08	46	51807	107.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	214.42%#
24) Chloroform-d	7.65	84	54988	26.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.08%
26) 1,2-Dichloroethane-d4	8.30	65	47769	38.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	154.24%#
29) Benzene-d6	8.27	84	68509	20.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.00%
33) 1,2-Dichloropropane-d6	9.27	67	33006	30.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.88%#
37) Toluene-d8	10.32	98	27035	9.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	36.00%
38) trans-1,3-Dichloropropene-	10.58	79	9990	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.48%
39) 2-Hexanone-d5	10.93	63	21763	85.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.64%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25085	27.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	6614	10.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	41.00%#

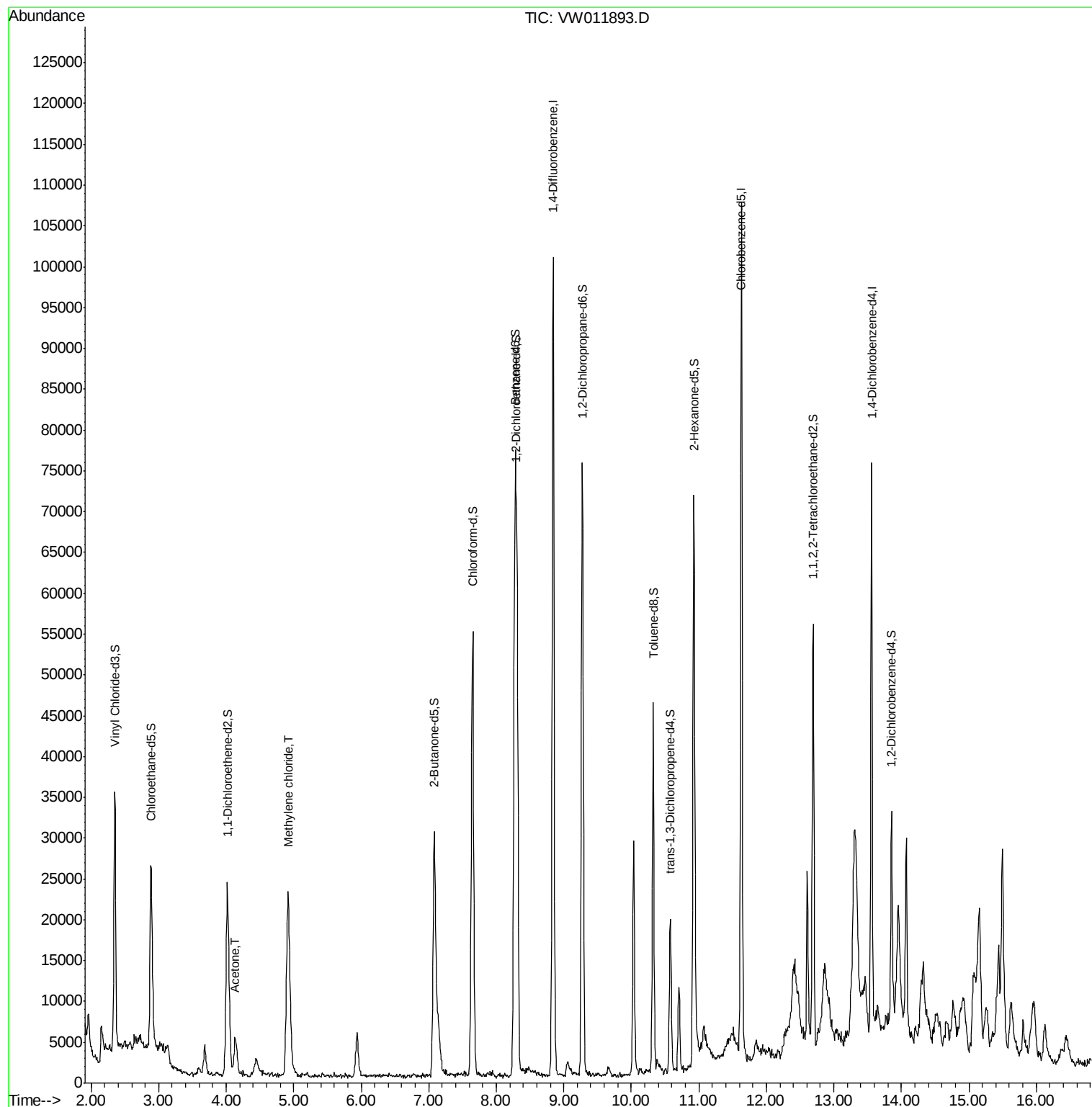
Target Compounds					Ovalue
13) Acetone	4.13	43	8918	17.233 ug/L	100
16) Methylene chloride	4.91	84	17532	14.742 ug/L	94

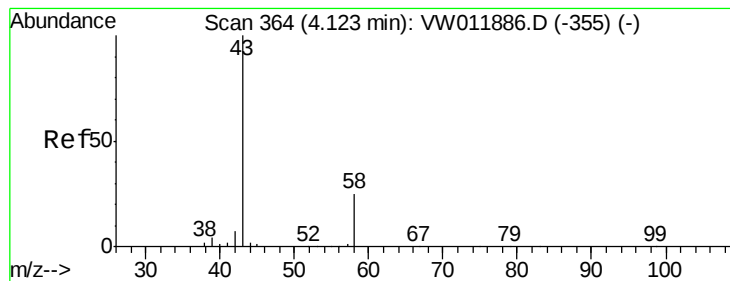
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.233 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW011893.D

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Instrument :

MSVOA_W

ClientSampleId :

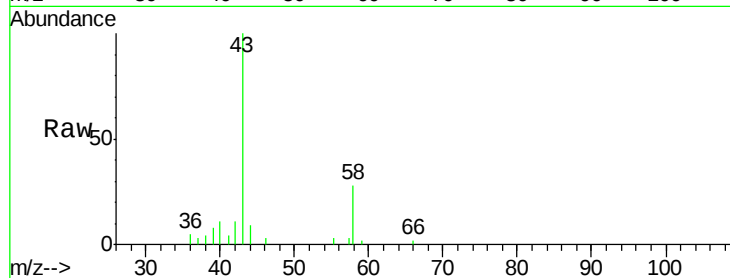
ETOD4

Tot Ion: 43 Resp: 8918

Ion Ratio Lower Upper

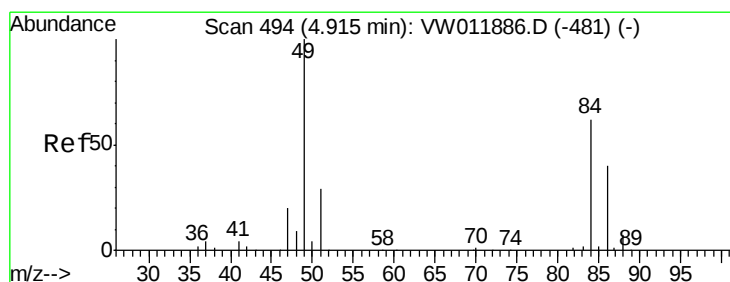
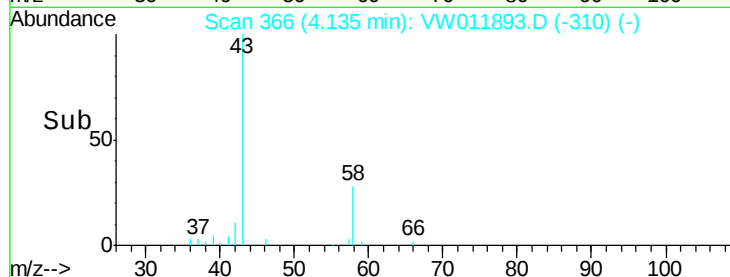
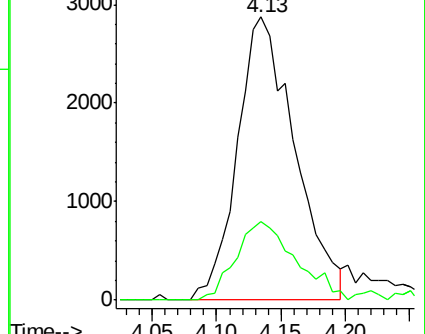
43 100

58 26.8 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: 14.742 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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Acq: 13 Aug 2019 14:13

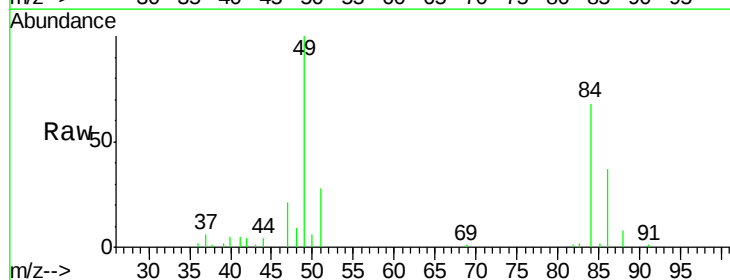
Tgt Ion: 84 Resp: 17532

Ion Ratio Lower Upper

84 100

49 146.3 106.8 198.4

86 54.4 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

