

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009964.D
 Acq On : 12 Apr 2019 17:44
 Operator : SY/VA
 Sample : K2303-11
 Misc : 4.38G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 13 00:01:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:54:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	420759	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393547	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150719	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90384	16.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.68%
7) Chloroethane-d5	2.89	69	87255	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.20%
10) 1,1-Dichloroethene-d2	4.02	63	176613	14.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.68%
20) 2-Butanone-d5	7.07	46	119142	66.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.30%
24) Chloroform-d	7.65	84	286112	24.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.68%
26) 1,2-Dichloroethane-d4	8.40	65	146	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	485552	23.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.00%
33) 1,2-Dichloropropane-d6	9.27	67	166247	26.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.20%
37) Toluene-d8	10.32	98	400325	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.84%
38) trans-1,3-Dichloropropene-	10.58	79	65944	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.68%
39) 2-Hexanone-d5	10.93	63	72140	59.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	168528	28.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	138997	26.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.12%

Target Compounds

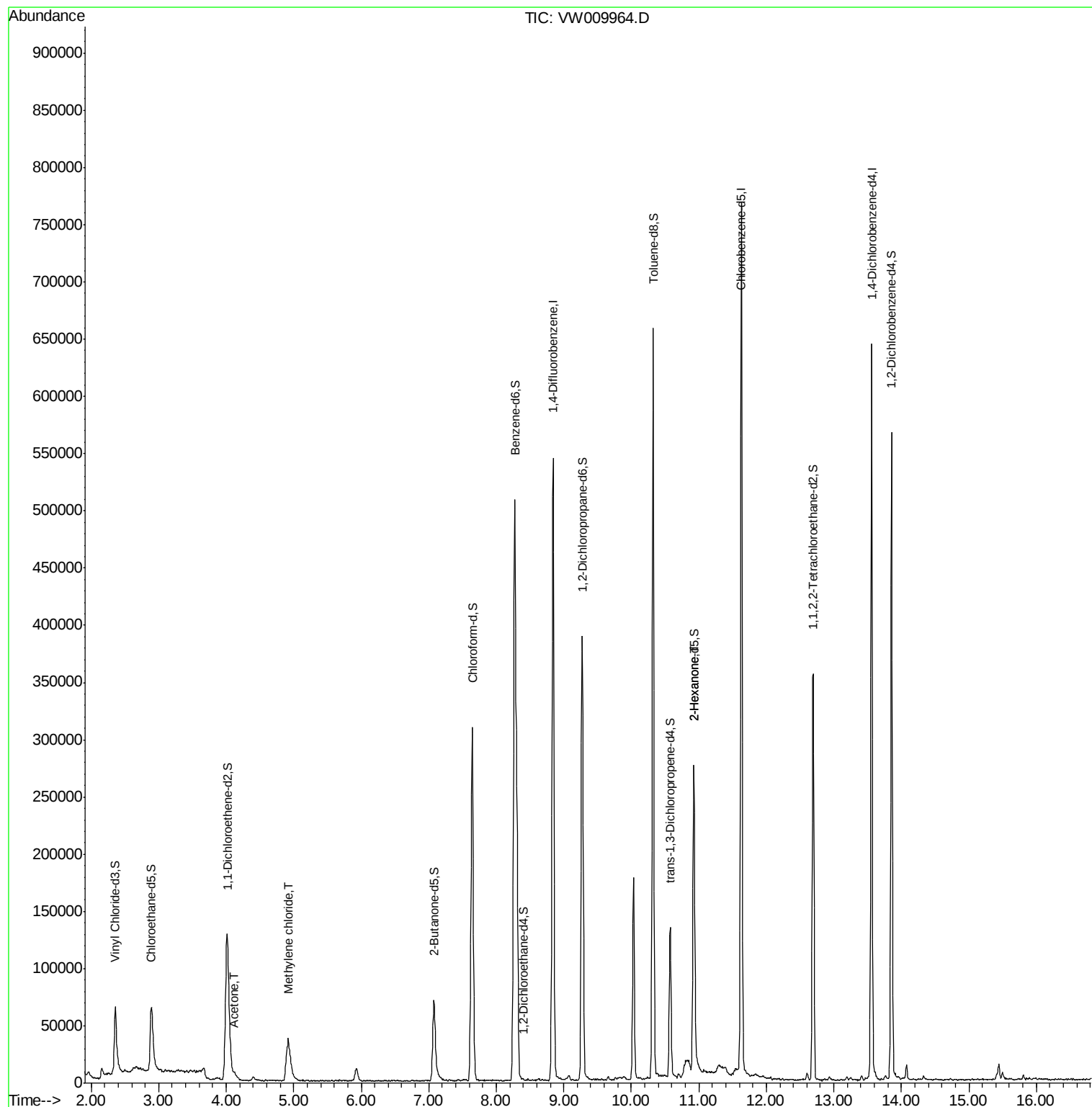
					Ovalue
13) Acetone	4.12	43	5842	3.050 ug/L	57
16) Methylene chloride	4.92	84	32464	4.375 ug/L	93
49) 2-Hexanone	10.92	43	13126	3.744 ug/L #	78

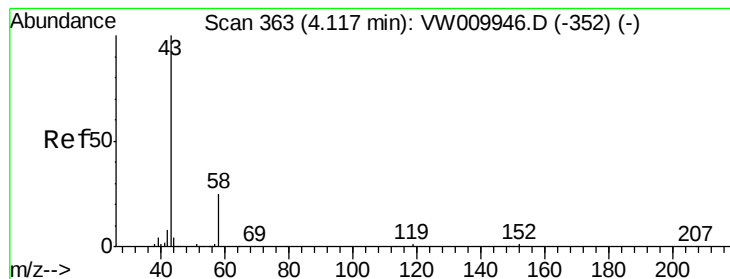
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.050 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009964.D

Acq: 12 Apr 2019 17:44

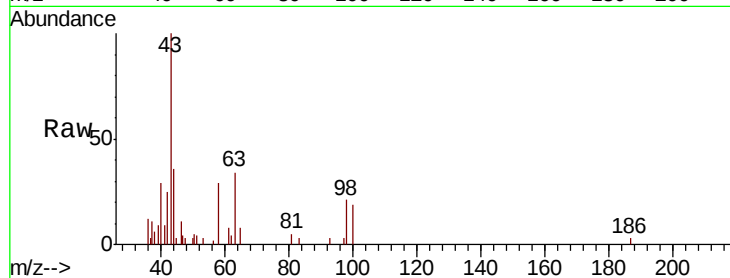
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 5842

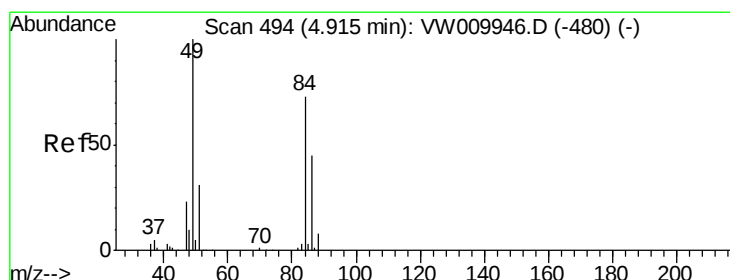
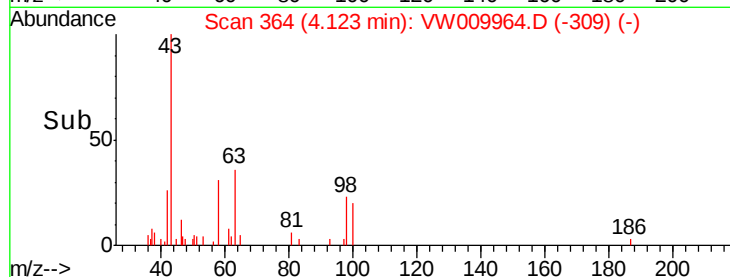
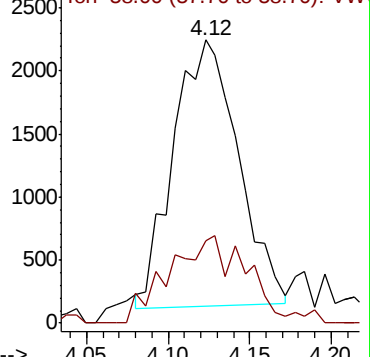
Ion Ratio Lower Upper

43 100

58 4.4 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.375 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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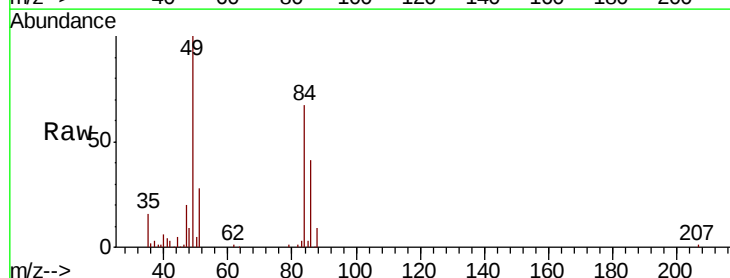
Tgt Ion: 84 Resp: 32464

Ion Ratio Lower Upper

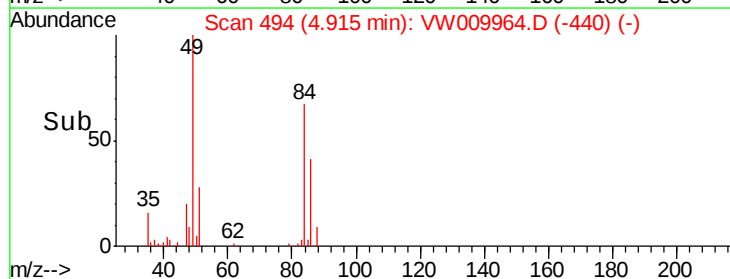
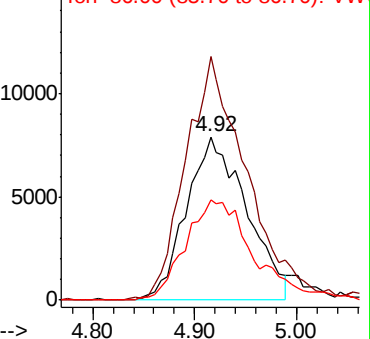
84 100

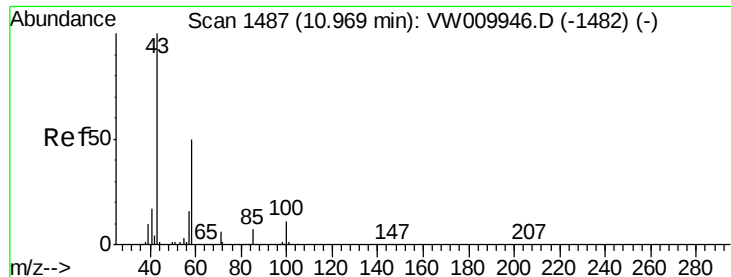
49 149.0 98.3 182.5

86 61.0 46.4 86.2



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





#49

2-Hexanone

Concen: 3.744 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

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Instrument :

MSVOA_W

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Tot Ion: 43 Resp: 13126

Ion Ratio Lower Upper

43 100

58 36.9 38.9 58.3#

57 32.3 13.8 20.6#

100 1.0 8.6 13.0#

