

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009866.D
 Acq On : 10 Apr 2019 06:55
 Operator : SY/VA
 Sample : K2278-04
 Misc : 4.47G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB6X1

Quant Time: Apr 10 08:18:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 08:15:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	480944	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	474406	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	204314	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113776	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.32%
7) Chloroethane-d5	2.90	69	111936	19.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.64%
10) 1,1-Dichloroethene-d2	4.02	63	212684	15.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.84%
20) 2-Butanone-d5	7.08	46	113578	55.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.16%
24) Chloroform-d	7.64	84	330971	25.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.88%
26) 1,2-Dichloroethane-d4	8.24	65	116	0.01	ug/L	-0.06
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	590233	23.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.80%
33) 1,2-Dichloropropane-d6	9.27	67	196033	25.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.96%
37) Toluene-d8	10.32	98	510238	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.64%
38) trans-1,3-Dichloropropene-	10.58	79	79278	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.44%
39) 2-Hexanone-d5	10.93	63	73383	50.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	182779	25.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	193057	26.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.72%

Target Compounds

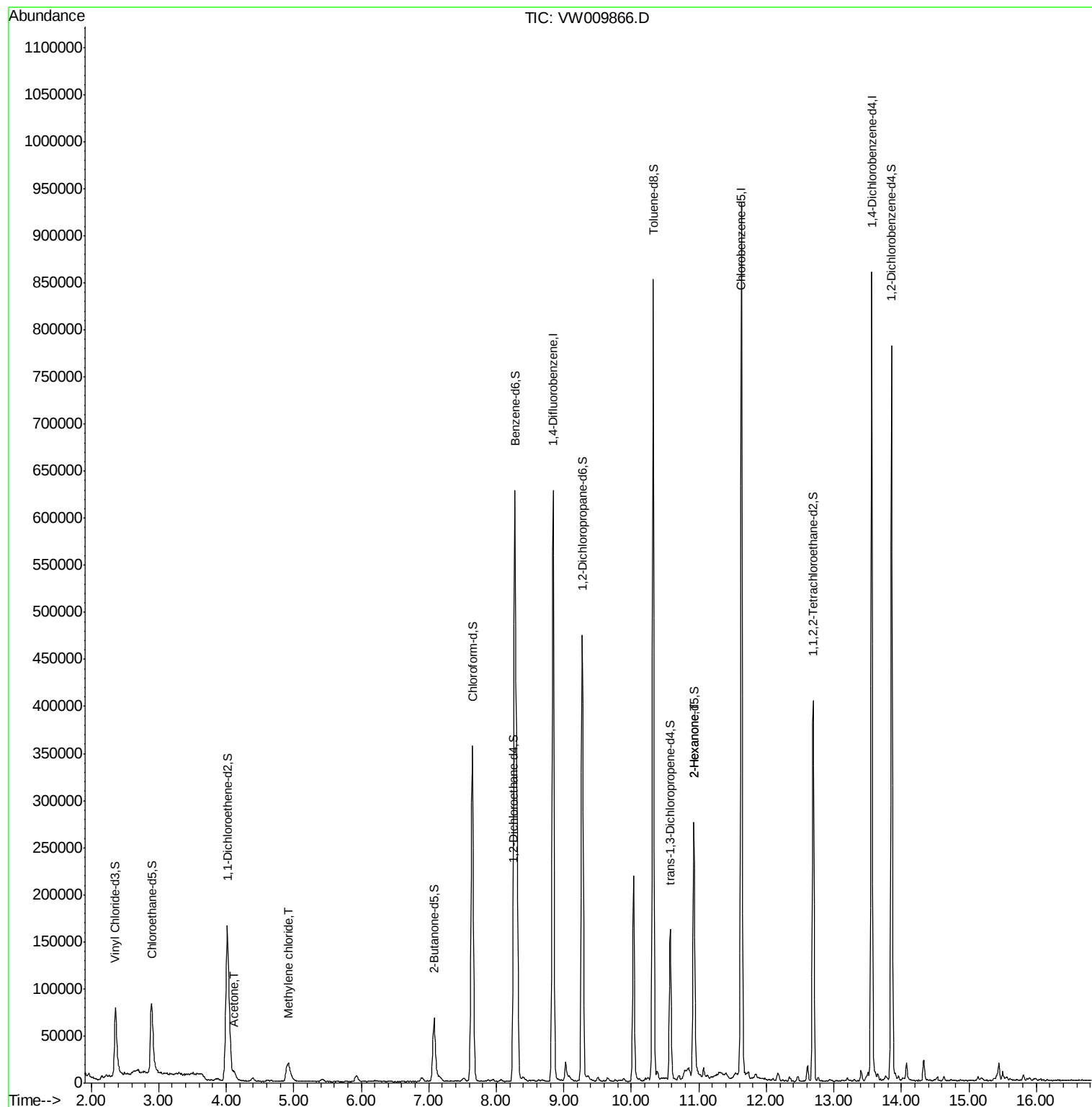
					Qvalue
13) Acetone	4.12	43	8881	4.056 ug/L	84
16) Methylene chloride	4.92	84	18995	2.239 ug/L	87
49) 2-Hexanone	10.93	43	12577	2.976 ug/L #	80

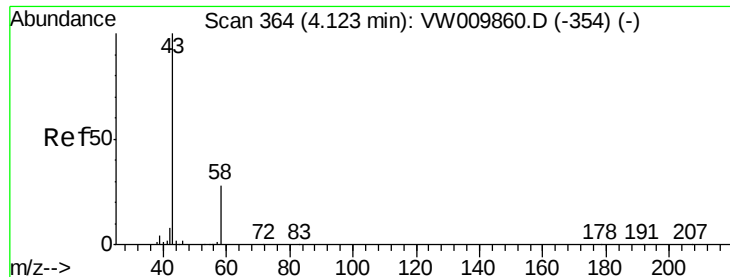
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.056 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 10 Apr 2019 06:55

Instrument :

MSVOA_W

ClientSampled :

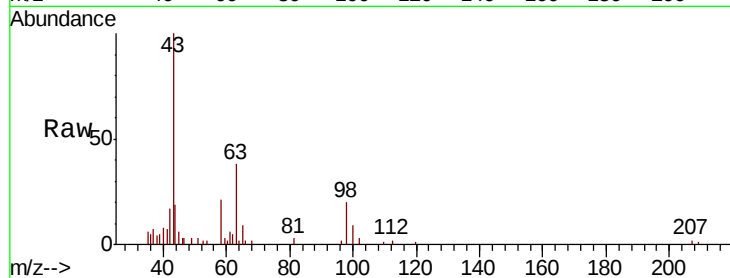
DB6X1

Tgt Ion: 43 Resp: 8881

Ion Ratio Lower Upper

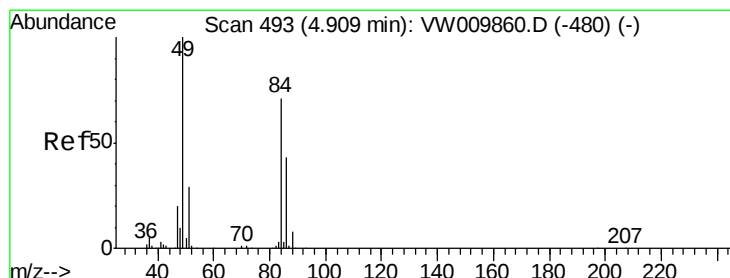
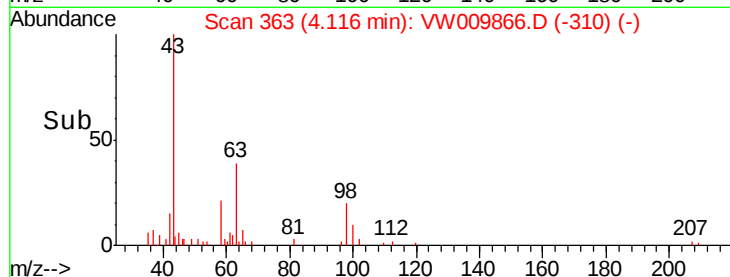
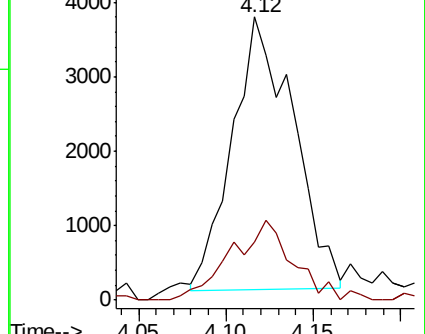
43 100

58 18.5 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: 2.239 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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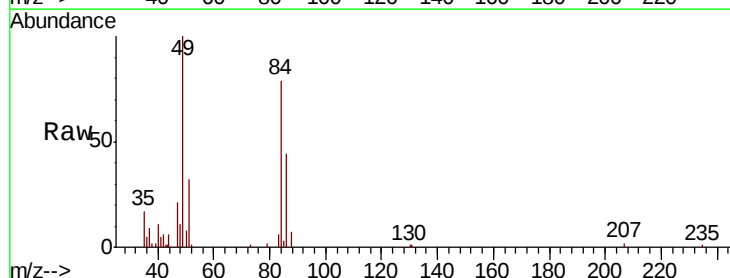
Tgt Ion: 84 Resp: 18995

Ion Ratio Lower Upper

84 100

49 125.9 98.3 182.5

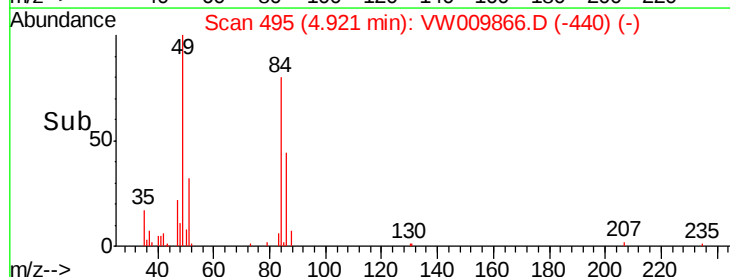
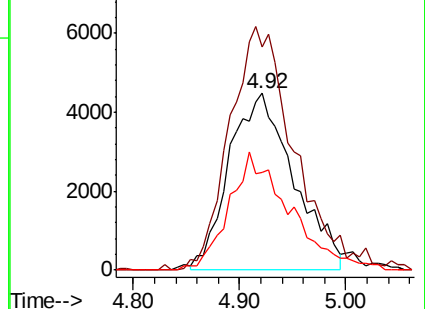
86 54.9 46.4 86.2

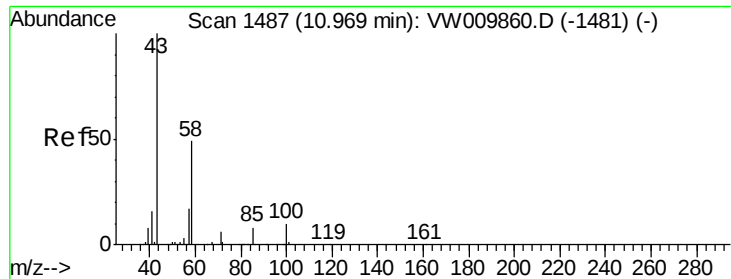


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#49

2-Hexanone

Concen: 2.976 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 12577

Ion Ratio Lower Upper

43 100

58 37.6 38.9 58.3#

57 32.0 13.8 20.6#

100 4.3 8.6 13.0#

