

Data File : VW009676.D
Acq On : 04 Apr 2019 00:55
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Apr 04 02:08:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 02:03:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	610598	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	579021	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	277970	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	215641	26.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.96%
7) Chloroethane-d5	2.89	69	157320	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.96%
10) 1,1-Dichloroethene-d2	4.01	63	326196	18.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.92%
20) 2-Butanone-d5	7.07	46	163962	63.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.40%
24) Chloroform-d	7.64	84	389212	23.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	8.30	65	255224	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.80%
29) Benzene-d6	8.27	84	776648	25.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.20%
33) 1,2-Dichloropropane-d6	9.27	67	230129	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	10.32	98	703371	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.12%
38) trans-1,3-Dichloropropene-	10.57	79	105484	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.24%
39) 2-Hexanone-d5	10.93	63	104198	58.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	218533	25.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	254711	26.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.44%

Target Compounds

					Qvalue
13) Acetone	4.12	43	5374	1.933 ug/L	61
16) Methylene chloride	4.92	84	21705	2.016 ug/L	95
45) trans-1,3-Dichloropropene	10.57	75	6008	0.504 ug/L	84
49) 2-Hexanone	10.92	43	18417	3.571 ug/L #	78

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

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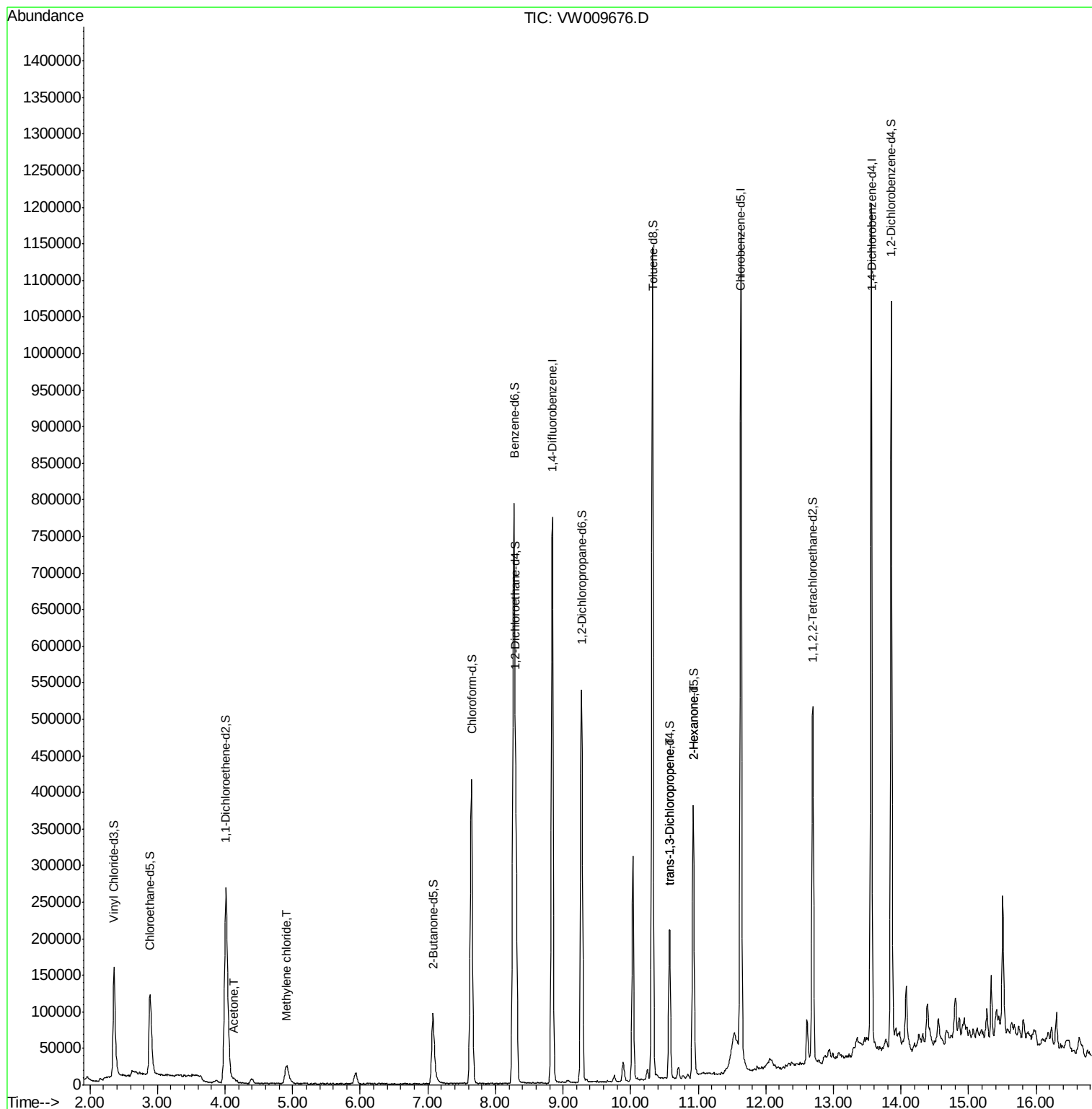
Quant Time: Apr 04 02:08:19 2019

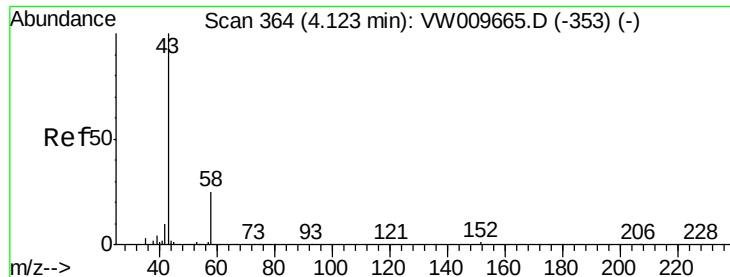
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

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#13

Acetone

Concen: 1.933 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Acq: 04 Apr 2019 00:55

Instrument :

MSVOA_W

ClientSampled :

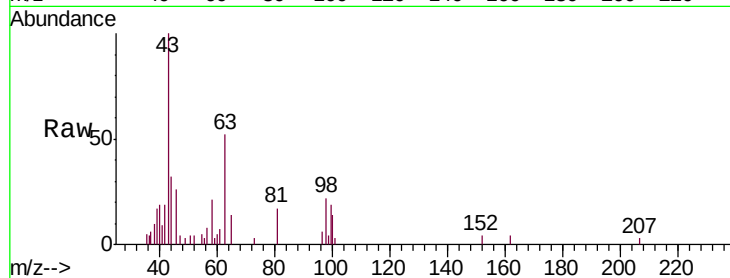
VIBLK

Tgt Ion: 43 Resp: 5374

Ion Ratio Lower Upper

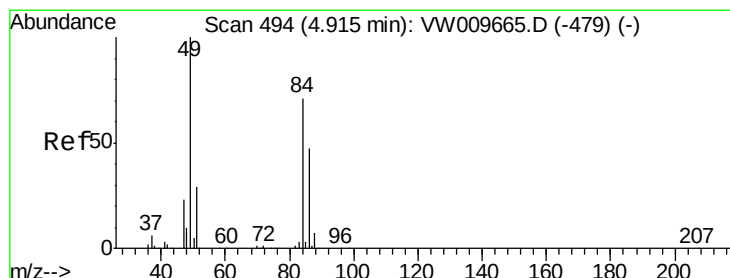
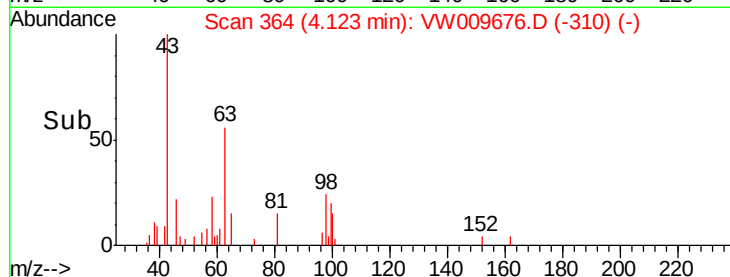
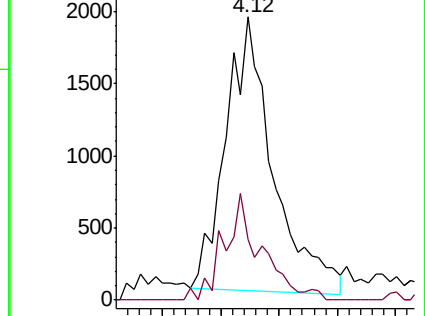
43 100

58 6.4 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: 2.016 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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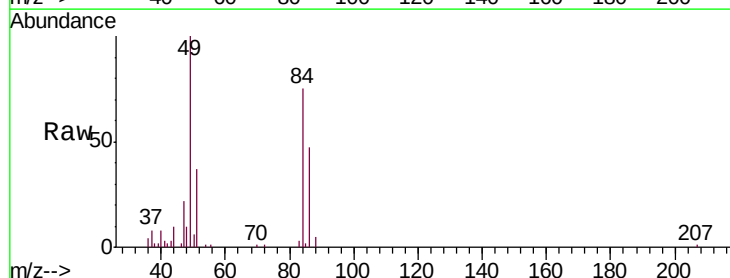
Tgt Ion: 84 Resp: 21705

Ion Ratio Lower Upper

84 100

49 133.8 98.3 182.5

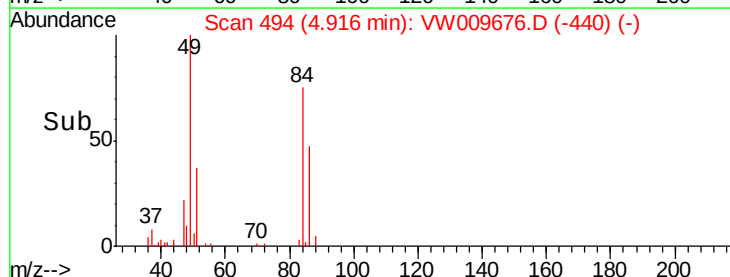
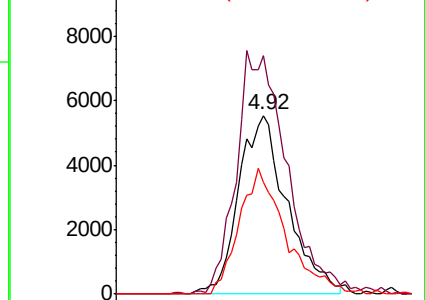
86 62.4 46.4 86.2

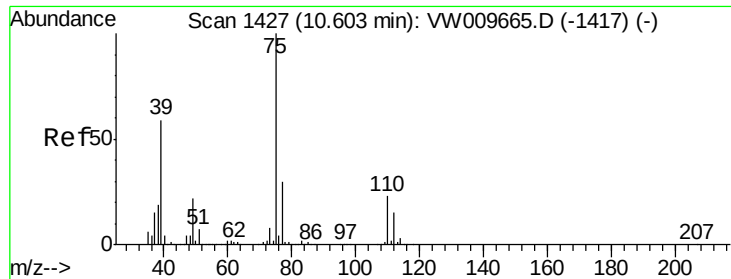


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

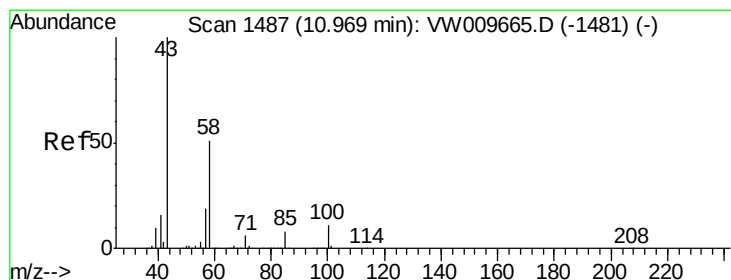
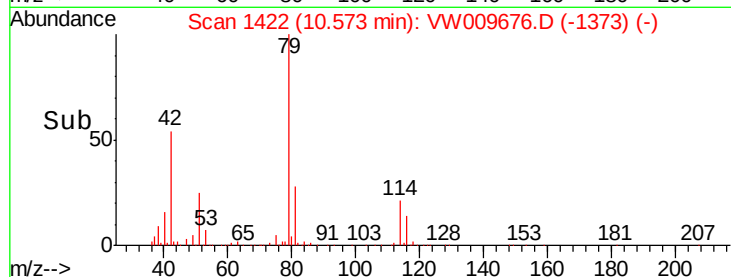
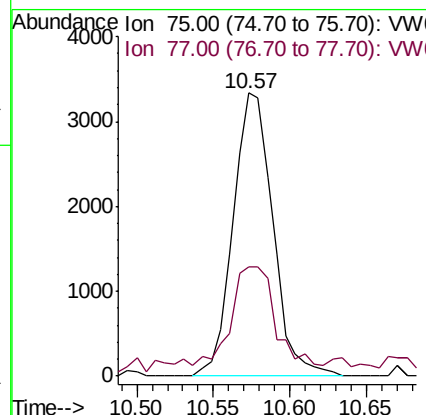
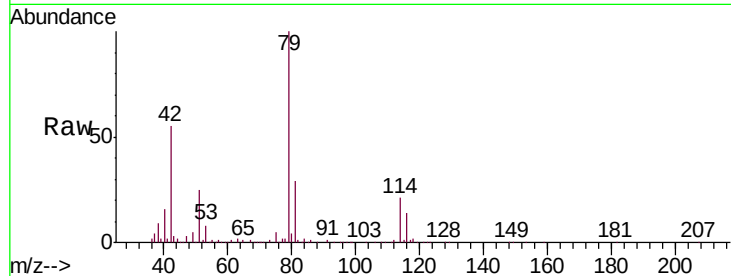




#45
trans-1,3-Dichloropropene
Concen: 0.504 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
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Tgt Ion: 75 Resp: 6008
Ion Ratio Lower Upper
75 100
77 38.7 21.1 39.3



#49
2-Hexanone
Concen: 3.571 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 18417
Ion Ratio Lower Upper
43 100
58 35.3 38.9 58.3#
57 27.7 13.8 20.6#
100 0.0 8.6 13.0#

