

Data File : VW009670.D
Acq On : 03 Apr 2019 20:49
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 02:06:41 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	426392	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	417592	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185293	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	168843	30.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.04%
7) Chloroethane-d5	2.89	69	149373	29.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.88%
10) 1,1-Dichloroethene-d2	4.01	63	269639	22.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.88%
20) 2-Butanone-d5	7.07	46	123007	67.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.80%#
24) Chloroform-d	7.65	84	327059	28.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.44%
26) 1,2-Dichloroethane-d4	8.31	65	211155	29.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.24%
29) Benzene-d6	8.27	84	628902	28.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.76%
33) 1,2-Dichloropropane-d6	9.27	67	188668	27.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.44%
37) Toluene-d8	10.32	98	573231	28.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.12%
38) trans-1,3-Dichloropropene-	10.57	79	87174	26.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.96%
39) 2-Hexanone-d5	10.93	63	81252	63.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	179321	28.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	200092	30.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.08%#

Target Compounds

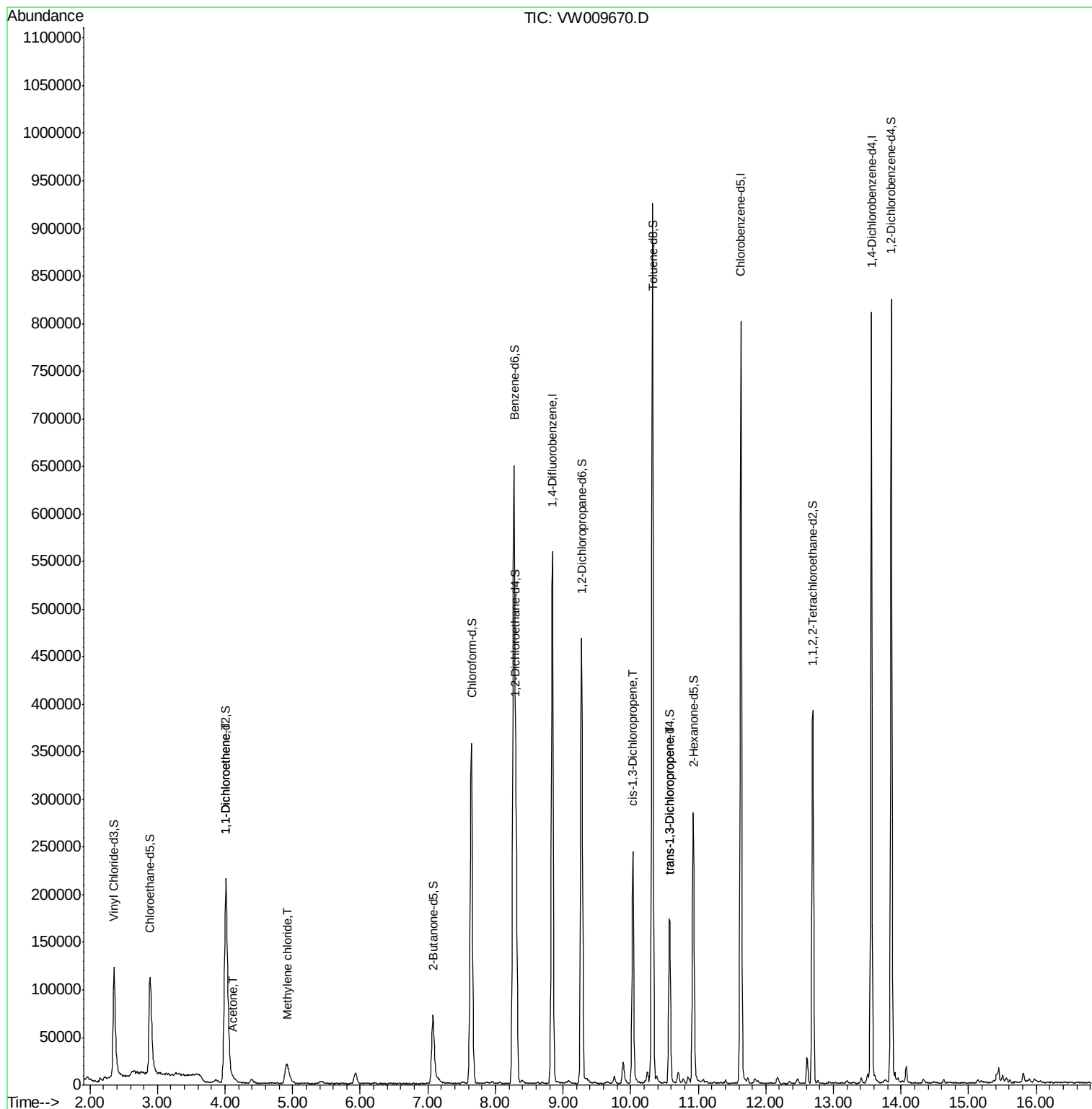
					Qvalue
12) 1,1-Dichloroethene	4.01	96	2359	0.417 ug/L #	1
13) Acetone	4.12	43	3574	1.841 ug/L	71
16) Methylene chloride	4.92	84	13274	1.765 ug/L	88
42) cis-1,3-Dichloropropene	10.03	75	7410	0.744 ug/L #	82
45) trans-1,3-Dichloropropene	10.58	75	5486	0.639 ug/L	95

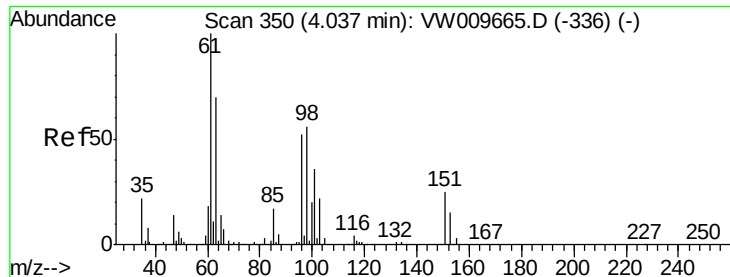
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009670.D
Acq On : 03 Apr 2019 20:49
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 02:06:41 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





#12

1,1-Dichloroethene

Concen: 0.417 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

Lab File: VW009670.D

Acq: 03 Apr 2019 20:49

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

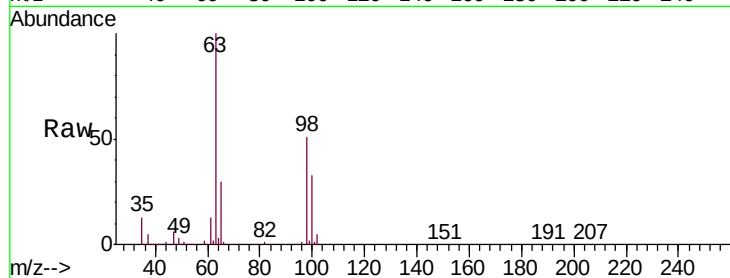
Tgt Ion: 96 Resp: 2359

Ion Ratio Lower Upper

96 100

61 1389.0 138.8 257.8#

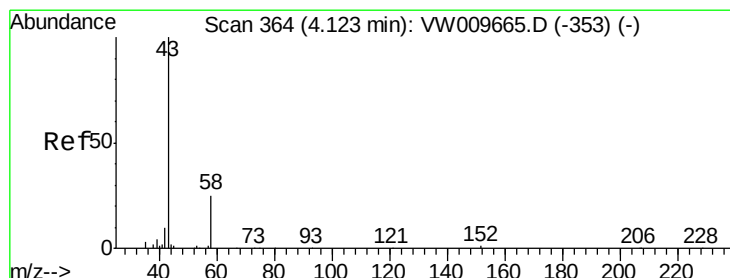
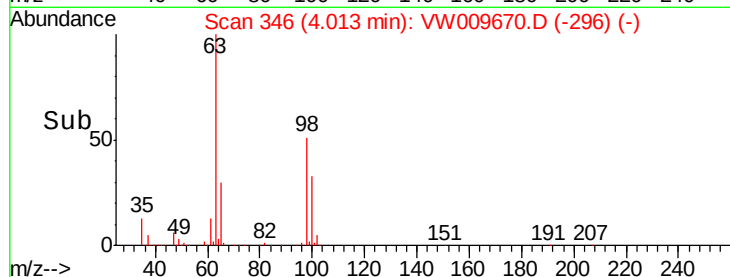
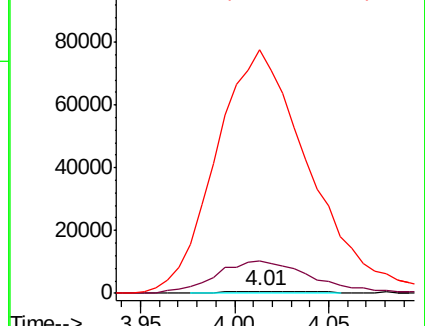
63 10566.8 114.6 212.8#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 1.841 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009670.D

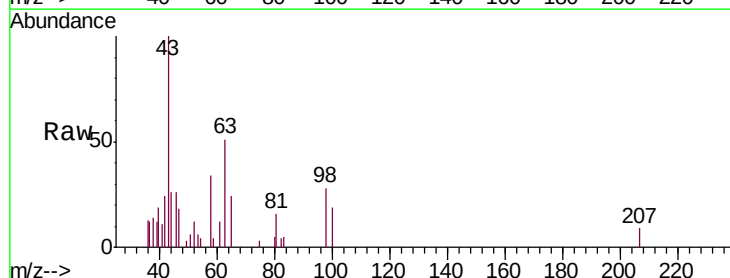
Acq: 03 Apr 2019 20:49

Tgt Ion: 43 Resp: 3574

Ion Ratio Lower Upper

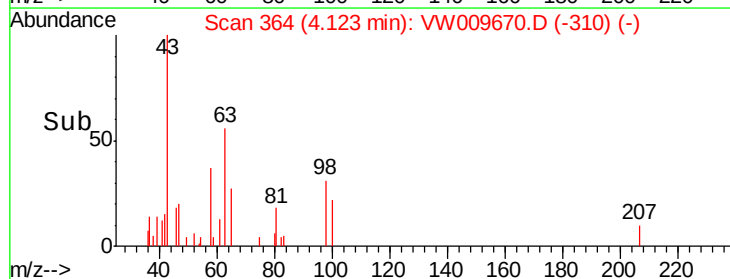
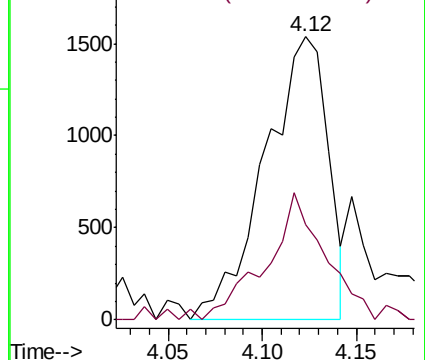
43 100

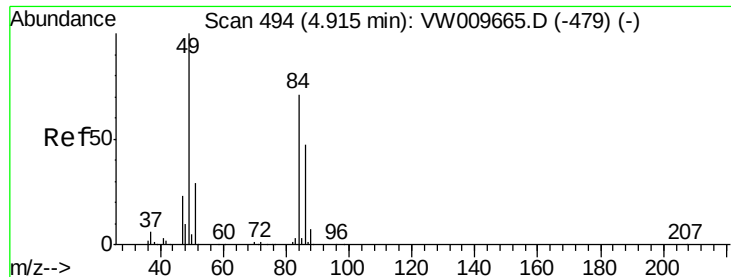
58 41.3 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

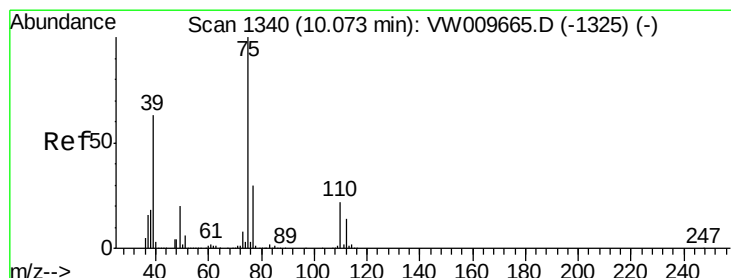
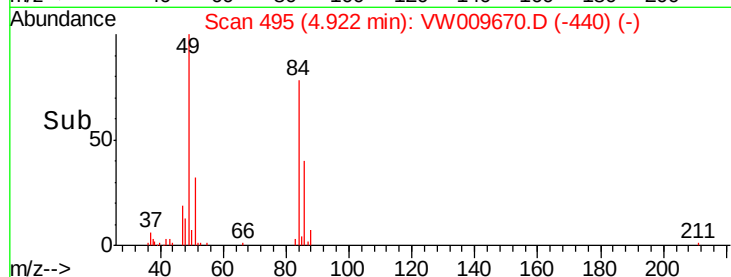
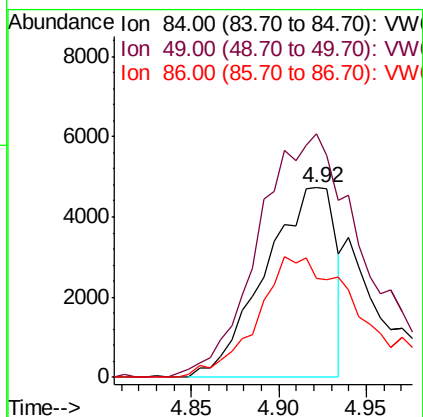
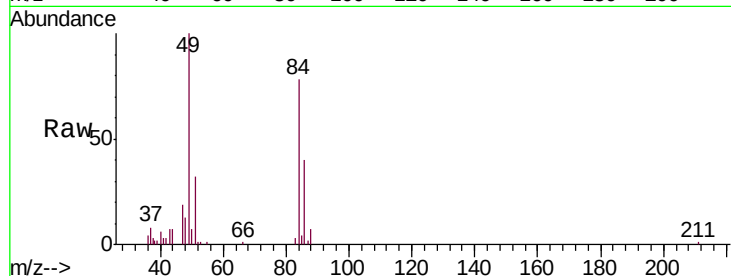




#16
Methylene chloride
Concen: 1.765 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009670.D
Acq: 03 Apr 2019 20:49

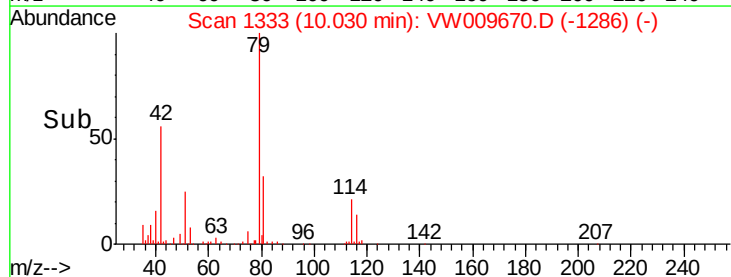
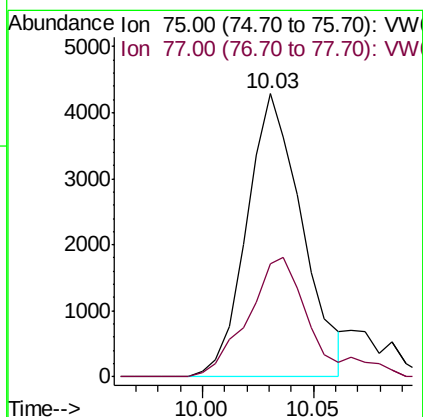
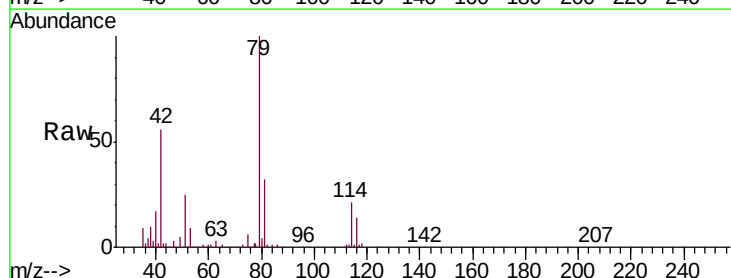
Instrument :
MSVOA_W
ClientSampled :
VIBLK

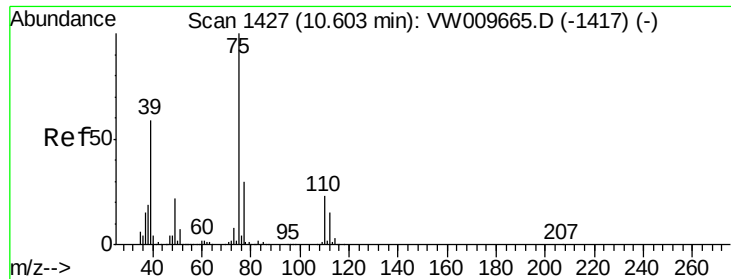
Tgt Ion: 84 Resp: 13274
Ion Ratio Lower Upper
84 100
49 128.6 98.3 182.5
86 52.0 46.4 86.2



#42
cis-1,3-Dichloropropene
Concen: 0.744 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW009670.D
Acq: 03 Apr 2019 20:49

Tgt Ion: 75 Resp: 7410
Ion Ratio Lower Upper
75 100
77 40.0 21.0 39.0#





#45

trans-1,3-Dichloropropene

Concen: 0.639 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009670.D

Acq: 03 Apr 2019 20:49

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

Tgt Ion: 75 Resp: 5486

Ion Ratio Lower Upper

75 100

77 32.9 21.1 39.3

