

Data File : VW009678.D
Acq On : 04 Apr 2019 01:49
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 03:50:55 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	568616	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	544682	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	259292	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	207839	27.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.72%
7) Chloroethane-d5	2.89	69	178680	26.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.84%
10) 1,1-Dichloroethene-d2	4.01	63	330758	20.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.68%
20) 2-Butanone-d5	7.07	46	161802	66.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.94%
24) Chloroform-d	7.64	84	416526	26.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	8.31	65	272407	28.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.40%
29) Benzene-d6	8.27	84	809017	28.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.16%
33) 1,2-Dichloropropane-d6	9.27	67	246880	27.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.80%
37) Toluene-d8	10.32	98	744167	28.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.60%
38) trans-1,3-Dichloropropene-	10.58	79	114718	27.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.96%
39) 2-Hexanone-d5	10.93	63	107330	64.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	234588	28.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	265975	29.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.92%

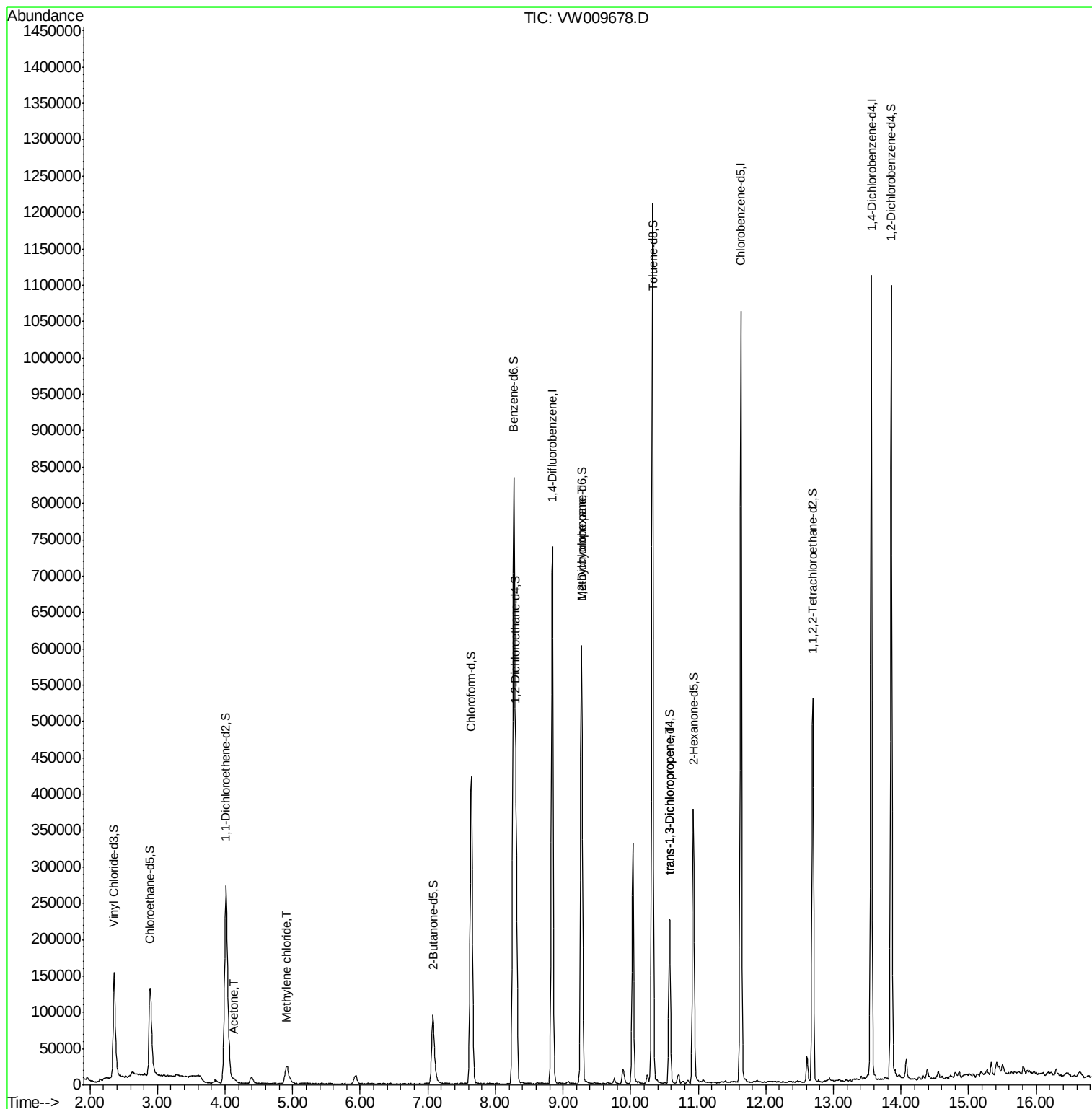
Target Compounds					Qvalue
13) Acetone	4.12	43	3825	1.478 ug/L	82
16) Methylene chloride	4.91	84	20504	2.045 ug/L	96
36) Methylcyclohexane	9.27	83	61381	4.353 ug/L #	16
45) trans-1,3-Dichloropropene	10.58	75	5995	0.535 ug/L #	74

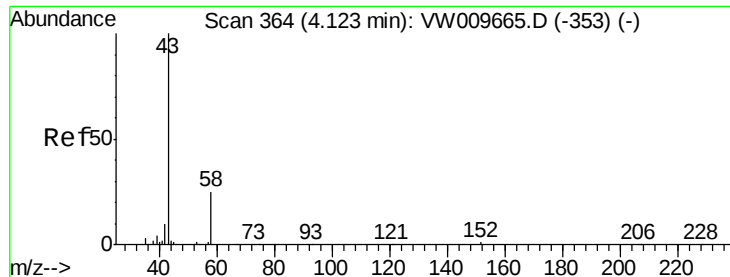
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.478 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

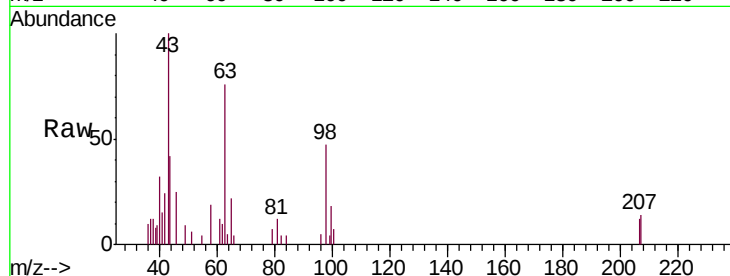
VIBLK

Tgt Ion: 43 Resp: 3825

Ion Ratio Lower Upper

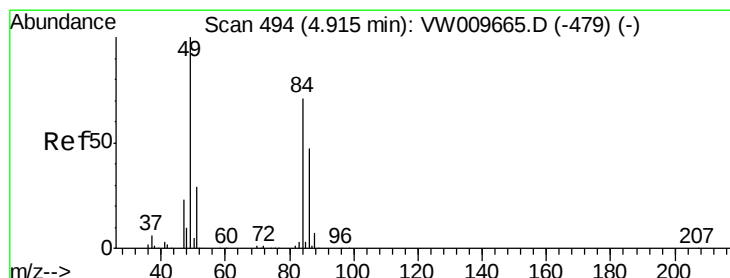
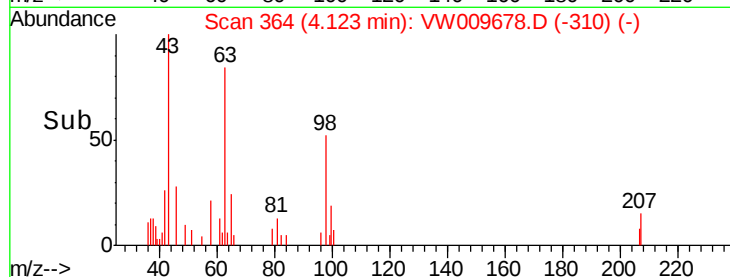
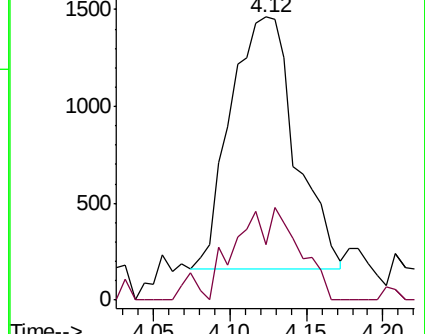
43 100

58 17.0 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: 2.045 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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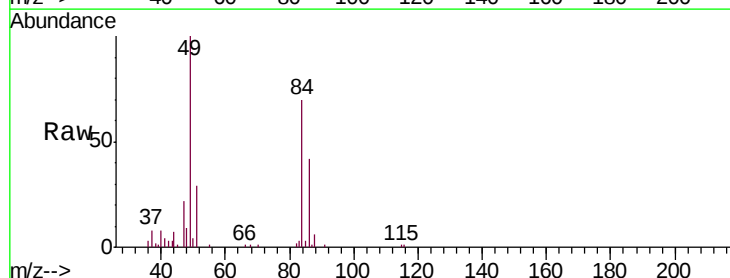
Tgt Ion: 84 Resp: 20504

Ion Ratio Lower Upper

84 100

49 142.0 98.3 182.5

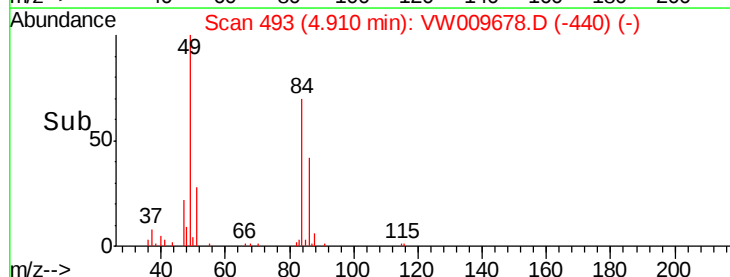
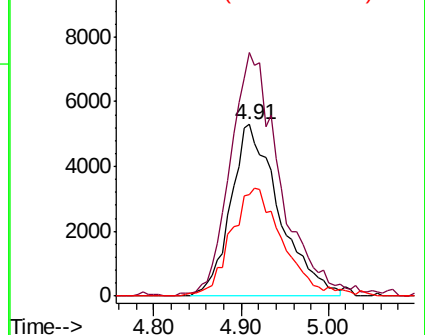
86 59.2 46.4 86.2

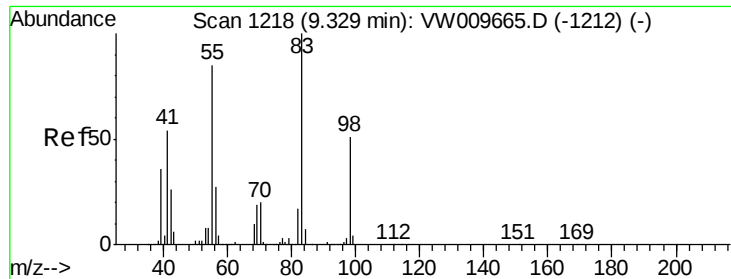


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

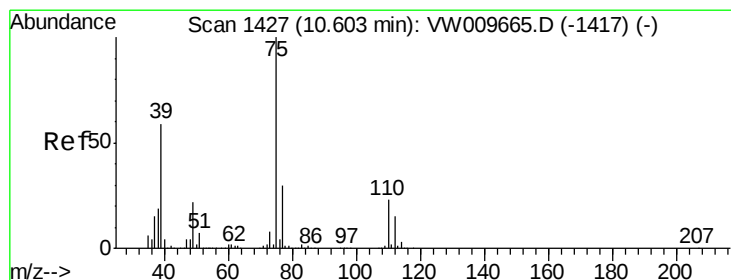
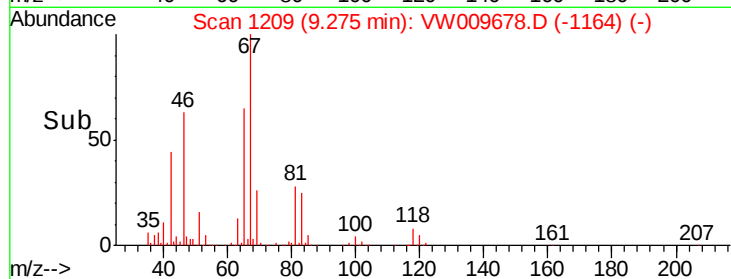
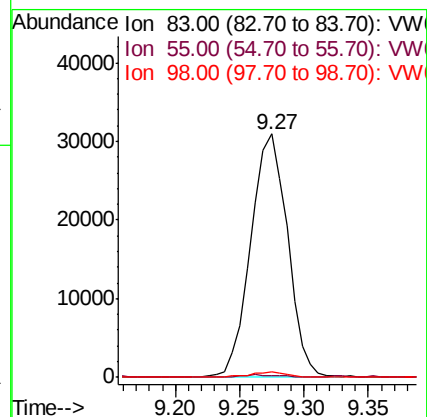
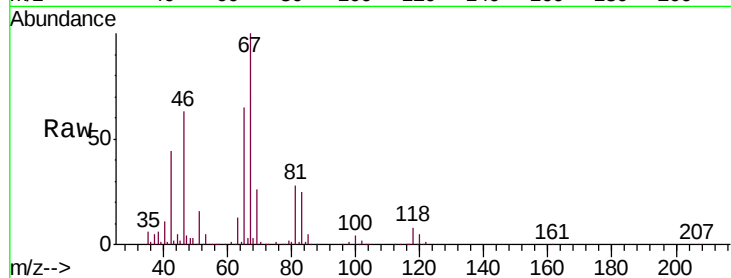




#36
Methylcyclohexane
Concen: 4.353 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
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ClientSampled :
VIBLK

Tgt Ion: 83 Resp: 61381
Ion Ratio Lower Upper
83 100
55 0.0 66.3 99.5#
98 1.8 39.4 59.0#



#45
trans-1,3-Dichloropropene
Concen: 0.535 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW009678.D
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Tgt Ion: 75 Resp: 5995
Ion Ratio Lower Upper
75 100
77 44.5 21.1 39.3#

