

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\
 Data File : VW015500.D
 Acq On : 27 May 2020 13:37
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: May 28 01:52:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 01:49:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	336369	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308925	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144356	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60999	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.16%
7) Chloroethane-d5	2.90	69	63772	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.20%
10) 1,1-Dichloroethene-d2	4.01	63	102147	13.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.40%
20) 2-Butanone-d5	7.08	46	49785	49.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.94%
24) Chloroform-d	7.65	84	164555	21.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	8.31	65	100050	23.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.48%
29) Benzene-d6	8.27	84	319299	21.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.32%
33) 1,2-Dichloropropane-d6	9.27	67	100383	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.20%
37) Toluene-d8	10.32	98	302284	20.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.08%
38) trans-1,3-Dichloropropene-	10.58	79	42259	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.36%
39) 2-Hexanone-d5	10.93	63	38395	48.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81263	23.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	109248	22.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.32%

Target Compounds

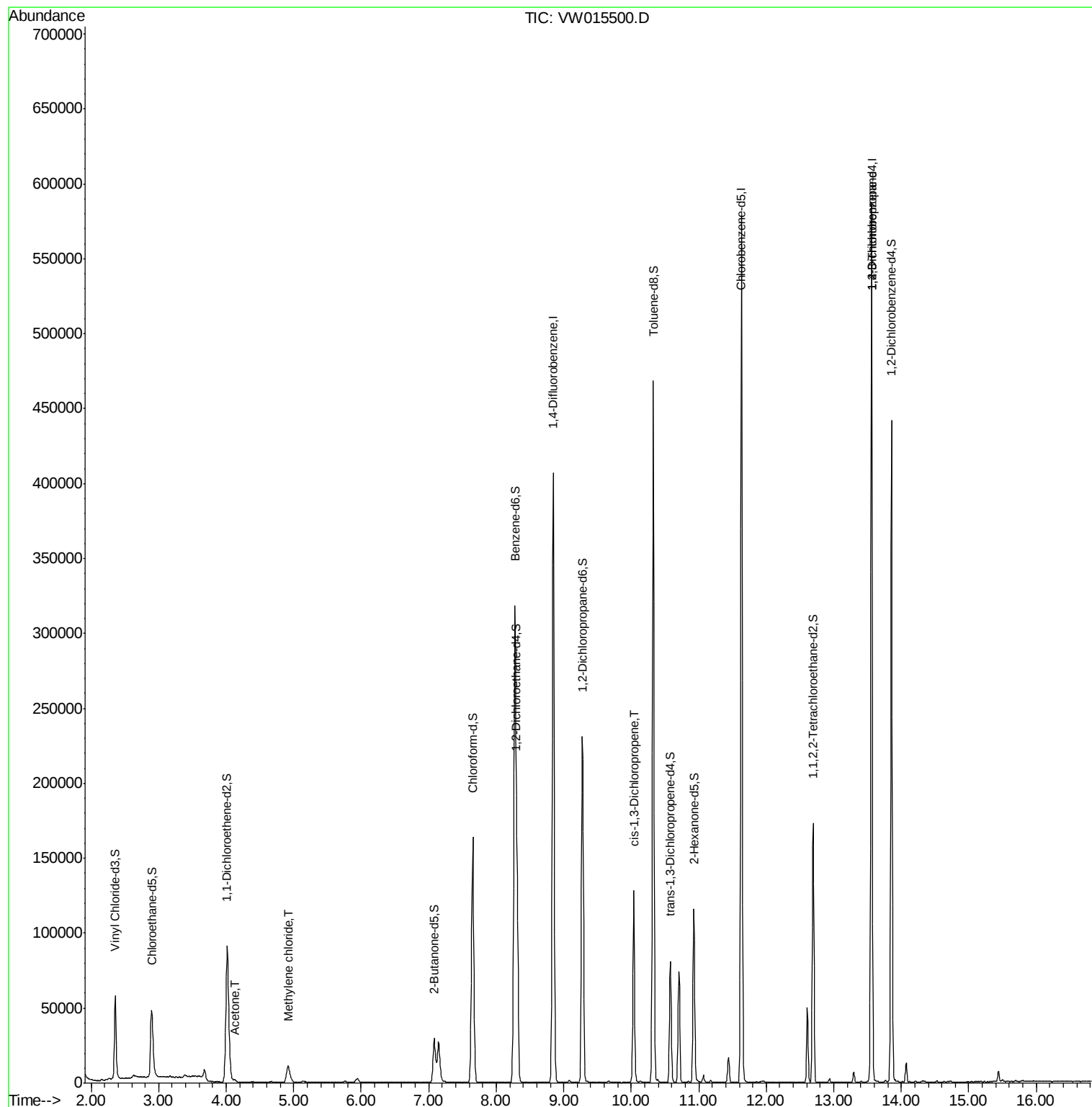
					Ovalue
13) Acetone	4.13	43	2138	2.748 ug/L	98
16) Methylene chloride	4.92	84	8693	2.106 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	3526	0.518 ug/L #	72
59) 1,2,3-Trichloropropane	13.56	75	18701	7.157 ug/L	89

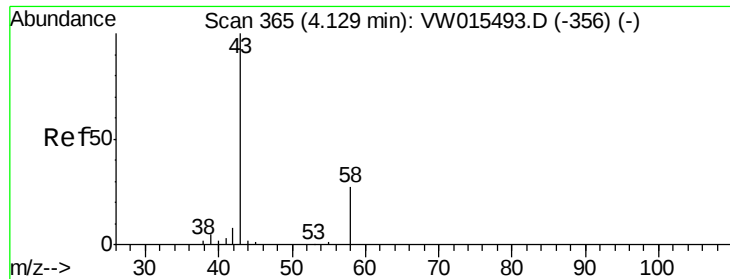
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.748 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015500.D

Acq: 27 May 2020 13:37

Instrument :

MSVOA_W

ClientSampled :

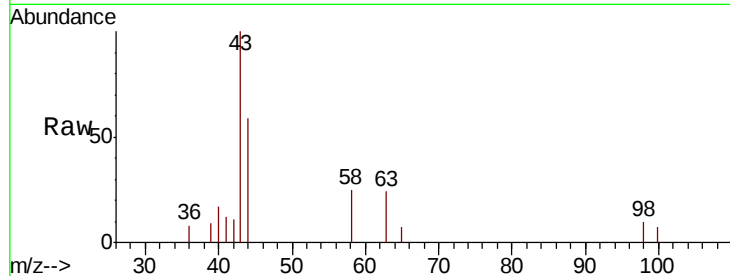
VIBLK

Tot Ion: 43 Resp: 2138

Ion Ratio Lower Upper

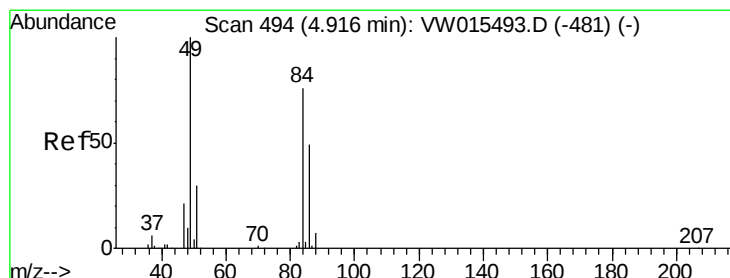
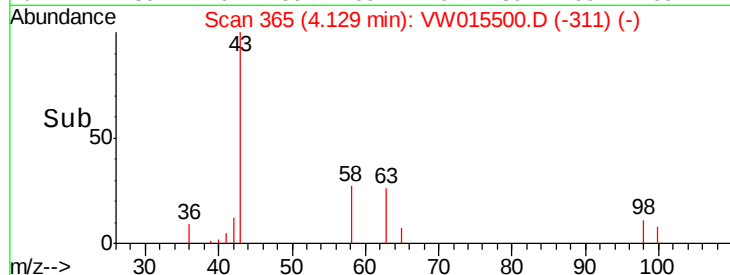
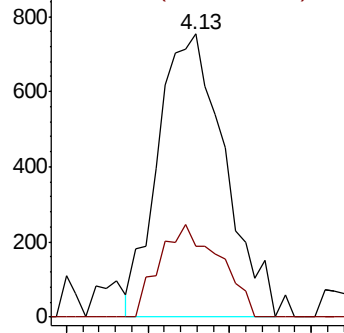
43 100

58 29.4 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.106 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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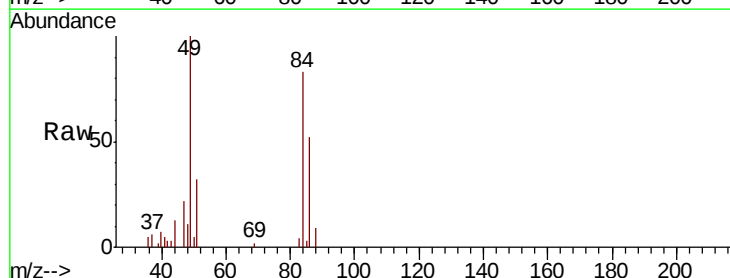
Tgt Ion: 84 Resp: 8693

Ion Ratio Lower Upper

84 100

49 120.7 93.0 172.8

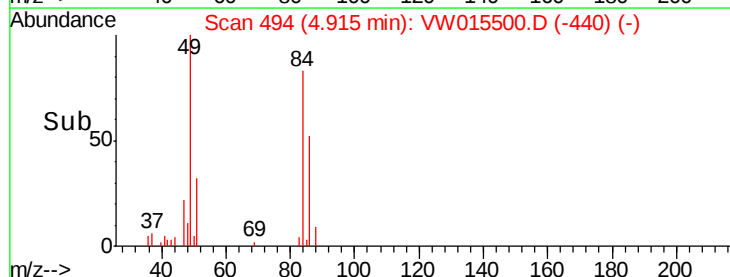
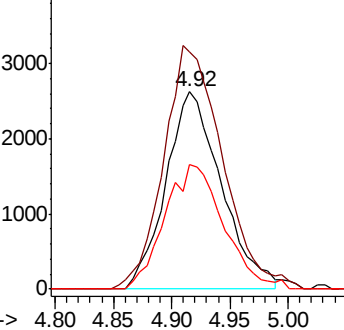
86 63.0 44.7 83.1

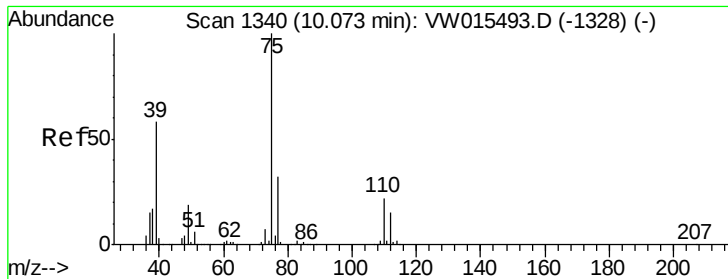


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.518 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Acq: 27 May 2020 13:37

Instrument :

MSVOA_W

ClientSampled :

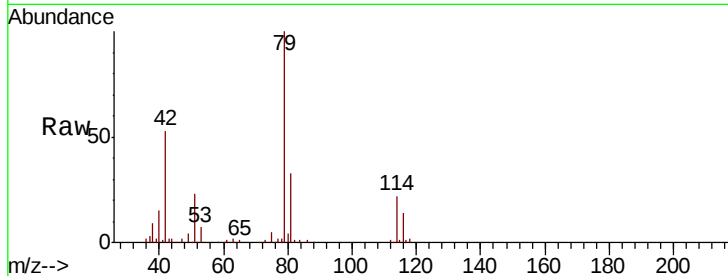
VIBLK

Tot Ion: 75 Resp: 3526

Ion Ratio Lower Upper

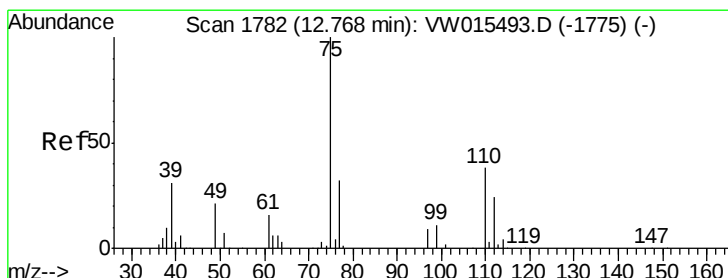
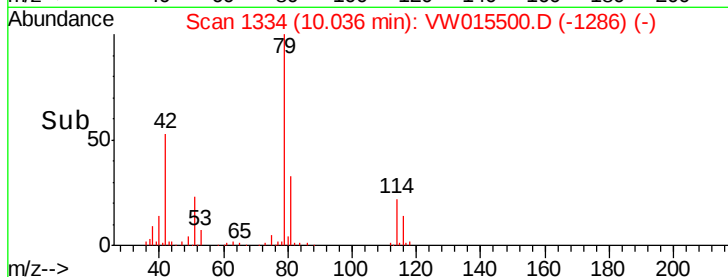
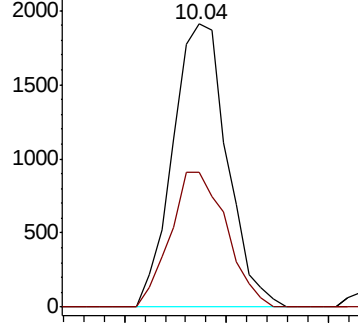
75 100

77 47.5 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 7.157 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015500.D

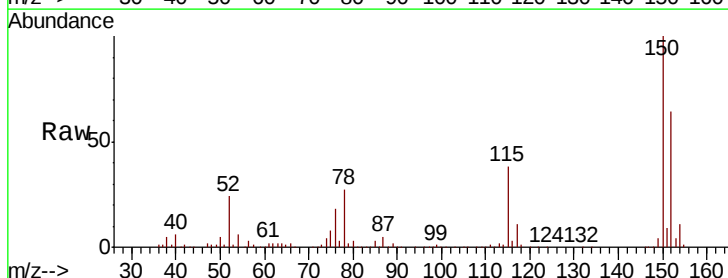
Acq: 27 May 2020 13:37

Tgt Ion: 75 Resp: 18701

Ion Ratio Lower Upper

75 100

77 38.4 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

