

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070620\
 Data File : VW015784.D
 Acq On : 06 Jul 2020 13:22
 Operator : SY/VA
 Sample : L3131-06
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Jul 07 00:30:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 07 00:28:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	286043	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	265547	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120199	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99776	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.92%
7) Chloroethane-d5	2.89	69	87739	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
10) 1,1-Dichloroethene-d2	4.01	63	144497	17.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.08%
20) 2-Butanone-d5	7.09	46	58309	59.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.02%
24) Chloroform-d	7.65	84	195784	24.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	8.31	65	117072	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.24%
29) Benzene-d6	8.27	84	379136	23.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.80%
33) 1,2-Dichloropropane-d6	9.27	67	115340	24.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.44%
37) Toluene-d8	10.32	98	344772	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.60%
38) trans-1,3-Dichloropropene-	10.58	79	48752	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.92%
39) 2-Hexanone-d5	10.93	63	42509	55.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96595	26.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	117029	25.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.44%

Target Compounds

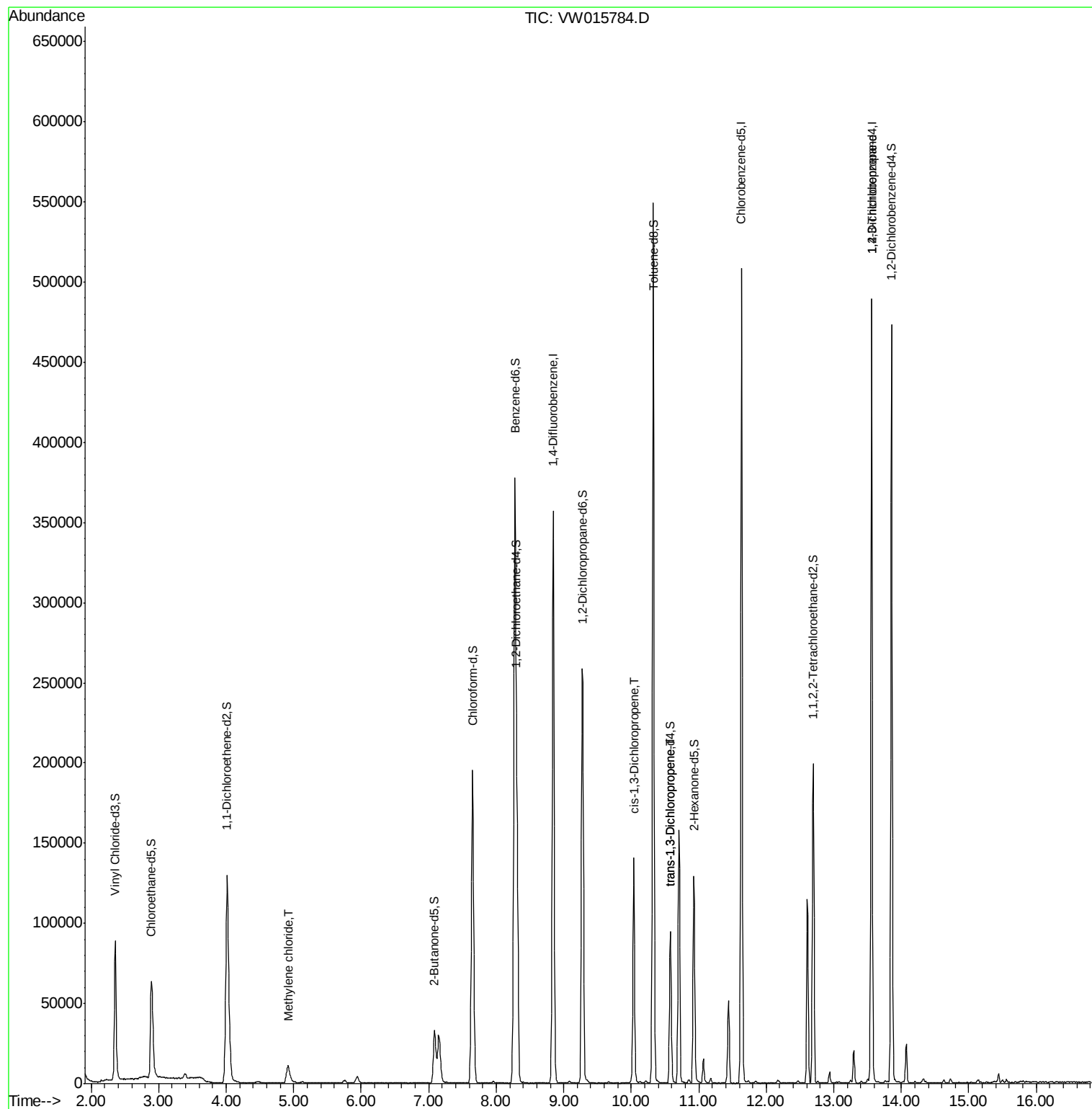
					Ovalue
16) Methylene chloride	4.92	84	8417	2.005 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	3975	0.717 ug/L #	63
45) trans-1,3-Dichloropropene	10.58	75	2676	0.555 ug/L #	75
59) 1,2,3-Trichloropropane	13.56	75	15489	6.726 ug/L	90

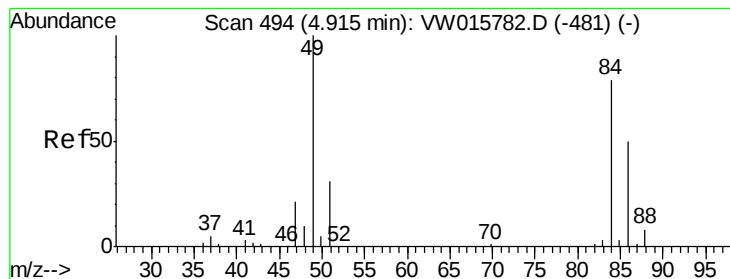
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 07 00:28:21 2020
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#16

Methylene chloride

Concen: 2.005 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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ClientSampleId :

VHBLK01

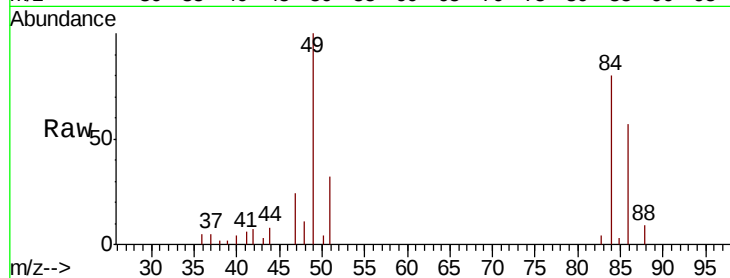
Tot Ion: 84 Resp: 8417

Ion Ratio Lower Upper

84 100

49 124.6 90.0 167.2

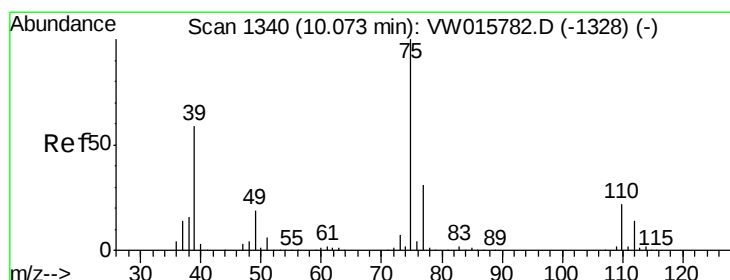
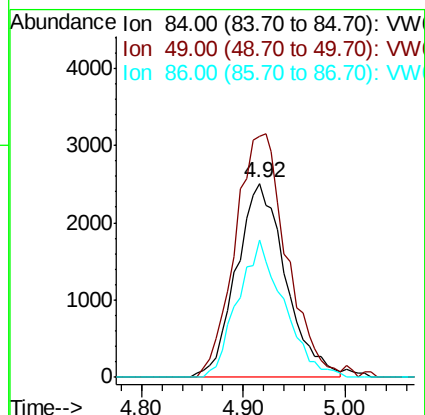
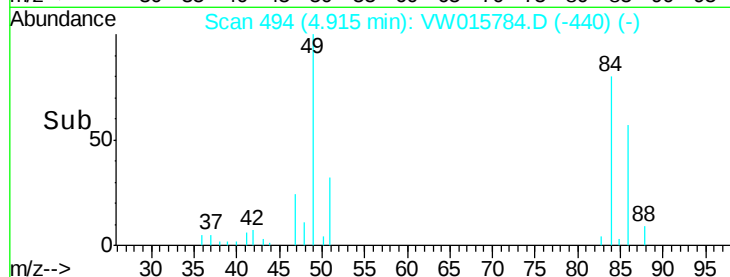
86 70.6 44.0 81.8



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: 0.717 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015784.D

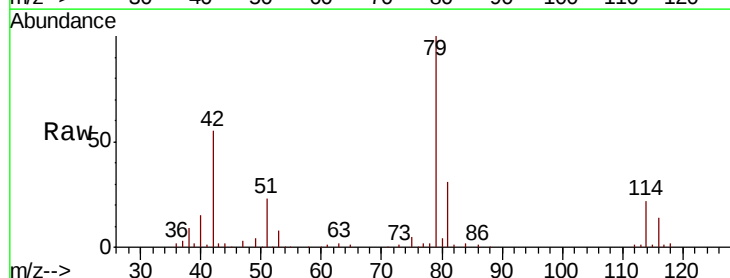
Acq: 06 Jul 2020 13:22

Tgt Ion: 75 Resp: 3975

Ion Ratio Lower Upper

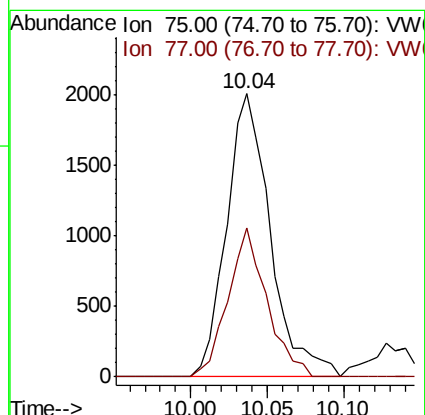
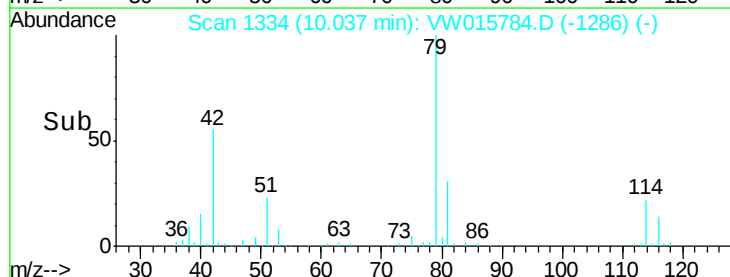
75 100

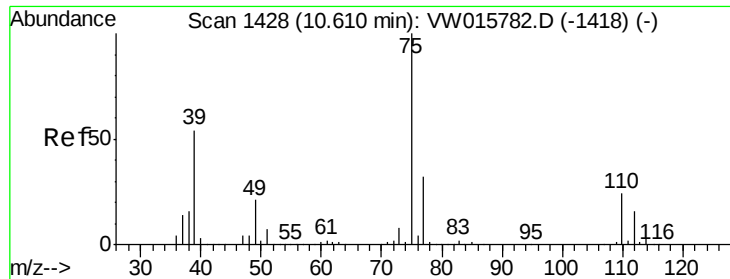
77 52.5 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.555 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW015784.D

Acq: 06 Jul 2020 13:22

Instrument :

MSVOA_W

ClientSampled :

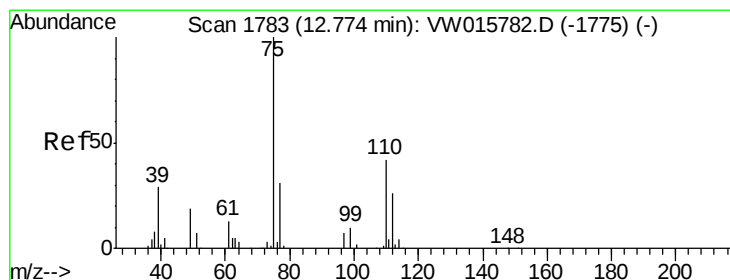
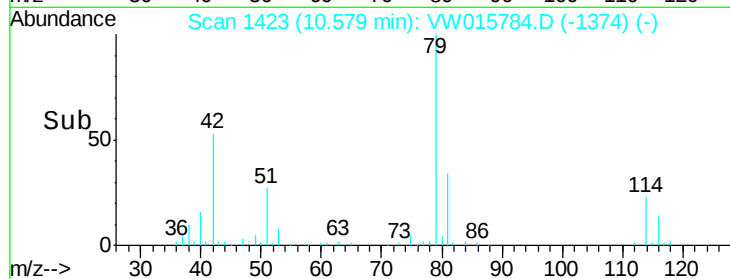
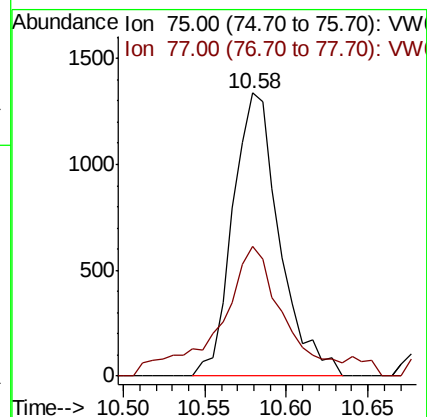
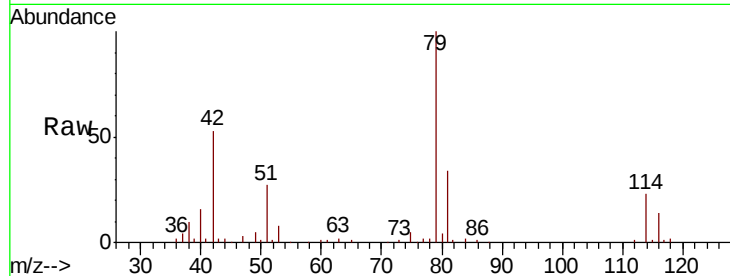
VHBLK01

Tot Ion: 75 Resp: 2676

Ion Ratio Lower Upper

75 100

77 45.8 22.5 41.7#



#59

1,2,3-Trichloropropane

Concen: 6.726 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015784.D

Acq: 06 Jul 2020 13:22

Tgt Ion: 75 Resp: 15489

Ion Ratio Lower Upper

75 100

77 38.2 26.1 39.1

