

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110920\
 Data File : VW017115.D
 Acq On : 09 Nov 2020 12:02
 Operator : SY/VA
 Sample : L4615-13
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Nov 10 07:59:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 10 07:51:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	478181	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	451740	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	211466	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	147441	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.92%
7) Chloroethane-d5	2.89	69	115357	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.40%
10) 1,1-Dichloroethene-d2	4.01	63	193439	17.96	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.84%
20) 2-Butanone-d5	7.08	46	72643	53.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.86%
24) Chloroform-d	7.65	84	286181	25.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.56%
26) 1,2-Dichloroethane-d4	8.30	65	150718	27.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.64%
29) Benzene-d6	8.27	84	565567	24.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.36%
33) 1,2-Dichloropropane-d6	9.27	67	161031	25.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.24%
37) Toluene-d8	10.32	98	524099	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.64%
38) trans-1,3-Dichloropropene-	10.58	79	70299	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.04%
39) 2-Hexanone-d5	10.93	63	56842	51.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147248	26.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	201300	27.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.08%

Target Compounds

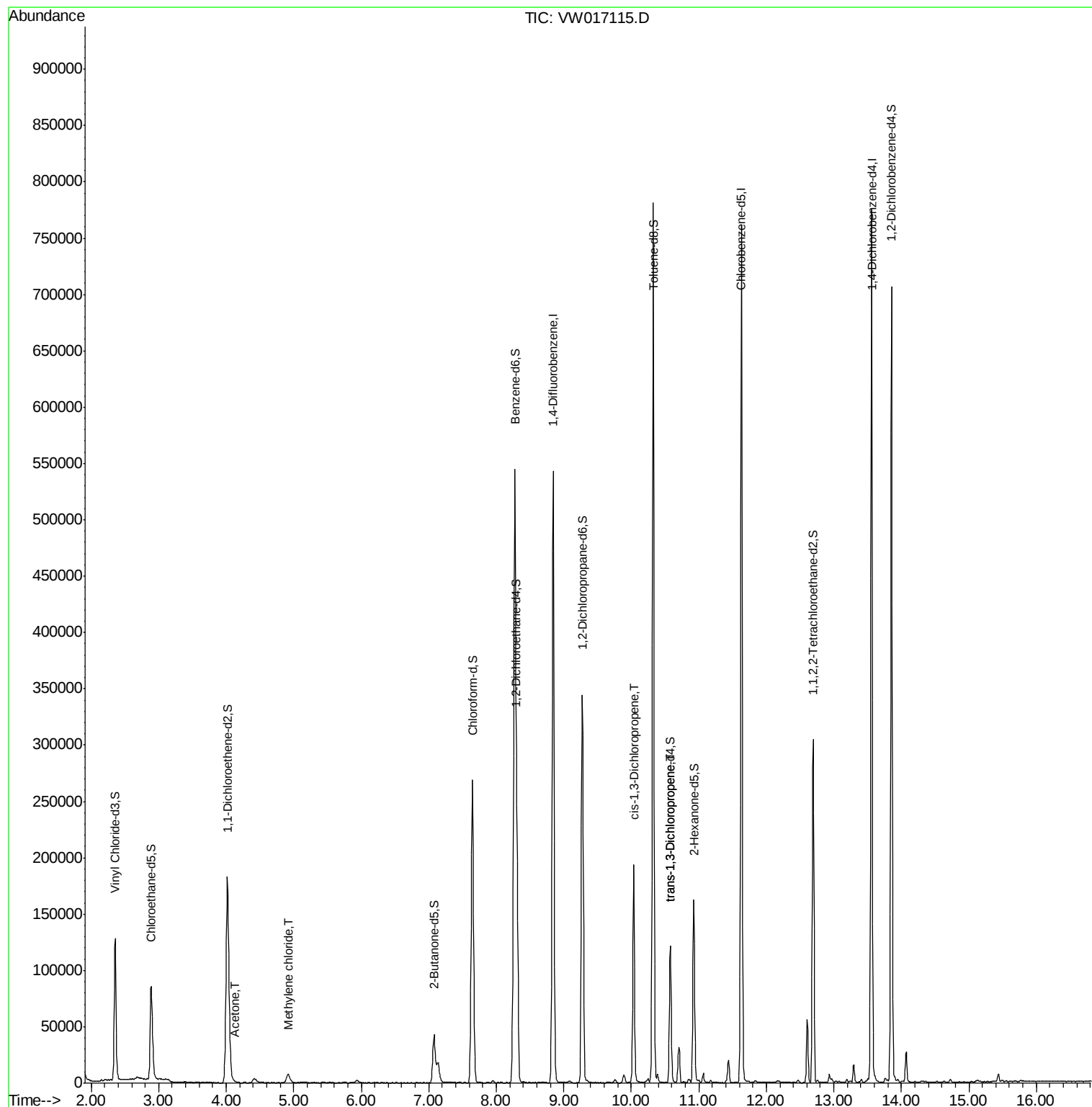
					Ovalue
13) Acetone	4.14	43	844	0.936 ug/L	45
16) Methylene chloride	4.91	84	7251	1.125 ug/L	84
42) cis-1,3-Dichloropropene	10.04	75	5104	0.581 ug/L #	65
45) trans-1,3-Dichloropropene	10.58	75	3340	0.443 ug/L	85

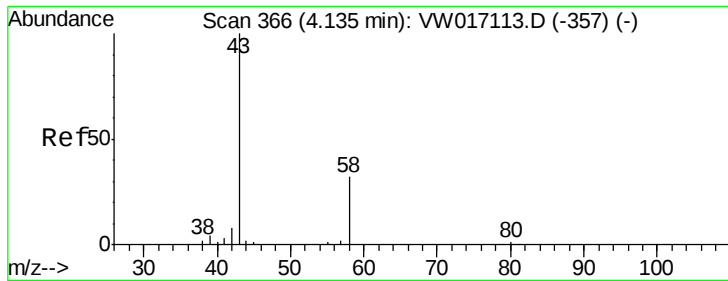
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.936 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

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Acq: 09 Nov 2020 12:02

Instrument :

MSVOA_W

ClientSampled :

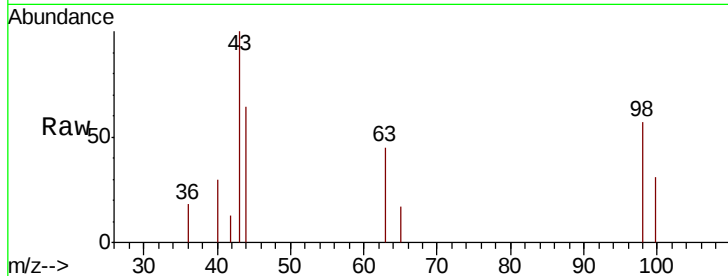
VHBLK01

Tot Ion: 43 Resp: 844

Ion Ratio Lower Upper

43 100

58 3.0 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

400

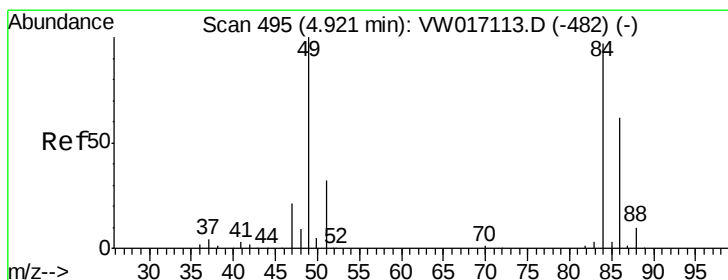
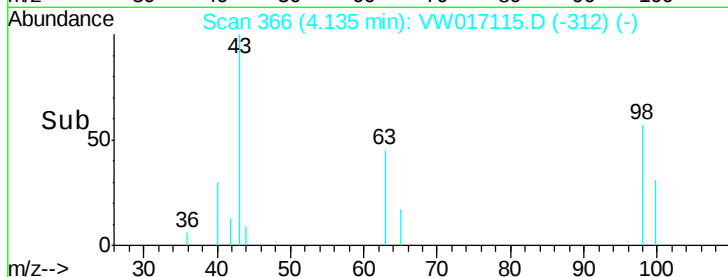
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 1.125 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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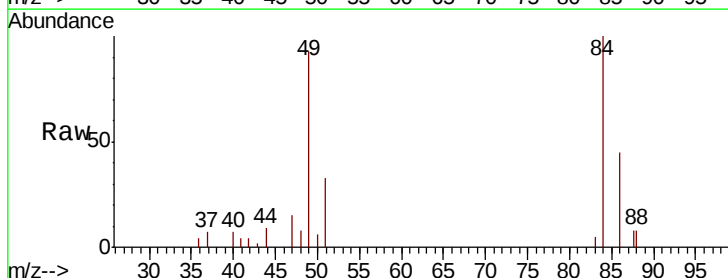
Tgt Ion: 84 Resp: 7251

Ion Ratio Lower Upper

84 100

49 92.6 72.3 134.3

86 45.5 45.1 83.7



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

4.91

3000

2500

2000

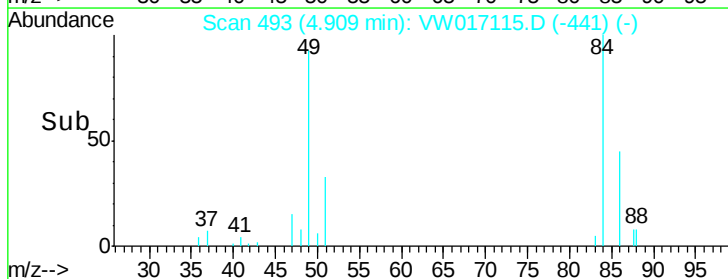
1500

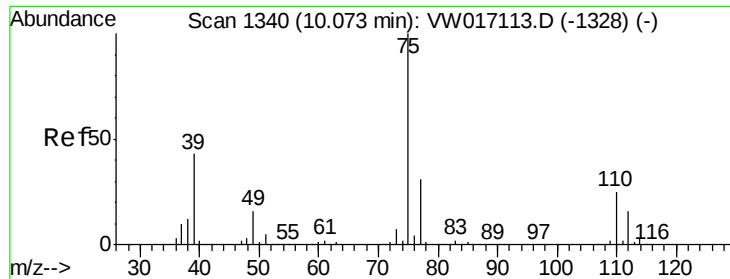
1000

500

0

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.581 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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ClientSampleId :

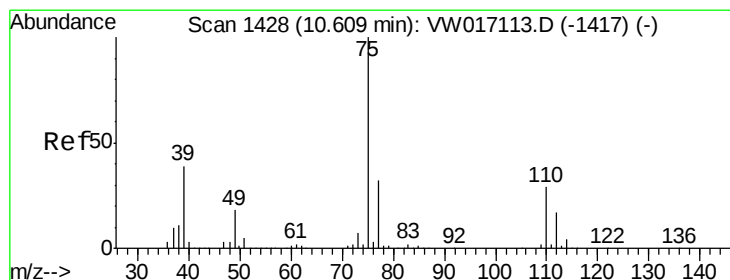
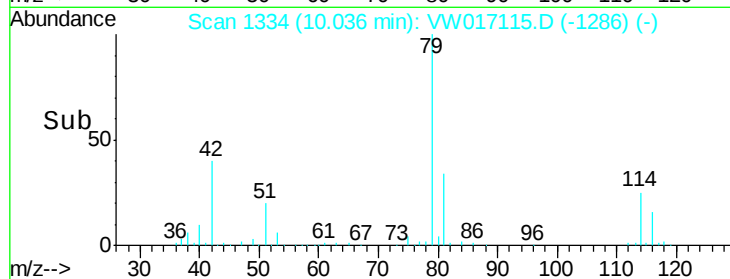
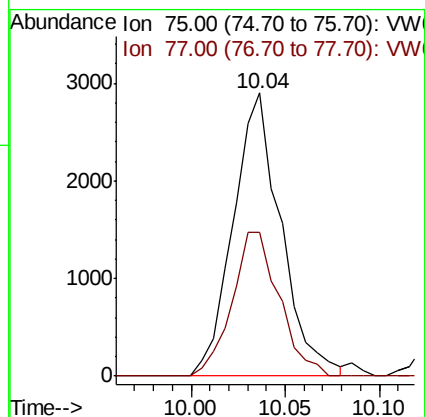
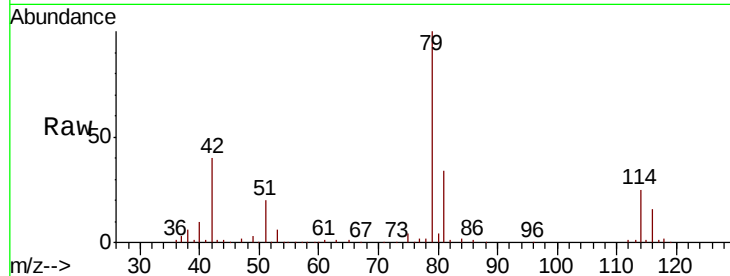
VHBLK01

Tot Ion: 75 Resp: 5104

Ion Ratio Lower Upper

75 100

77 50.6 22.0 41.0#



#45

trans-1,3-Dichloropropene

Concen: 0.443 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017115.D

Acq: 09 Nov 2020 12:02

Tgt Ion: 75 Resp: 3340

Ion Ratio Lower Upper

75 100

77 40.2 22.1 41.1

