

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015918.D
 Acq On : 23 Jul 2020 11:57
 Operator : SY/VA
 Sample : VW0723SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:01:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	400529	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	372206	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168497	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117726	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.32%
7) Chloroethane-d5	2.90	69	105555	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.00%
10) 1,1-Dichloroethene-d2	4.01	63	191677	16.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.08%
20) 2-Butanone-d5	7.09	46	85191	57.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.76%
24) Chloroform-d	7.65	84	261225	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	8.31	65	152206	24.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.60%
29) Benzene-d6	8.28	84	531633	23.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.88%
33) 1,2-Dichloropropane-d6	9.28	67	161003	23.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.80%
37) Toluene-d8	10.33	98	467651	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.16%
38) trans-1,3-Dichloropropene-	10.58	79	64140	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.64%
39) 2-Hexanone-d5	10.93	63	62744	55.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137415	26.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	158533	24.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.52%

Target Compounds

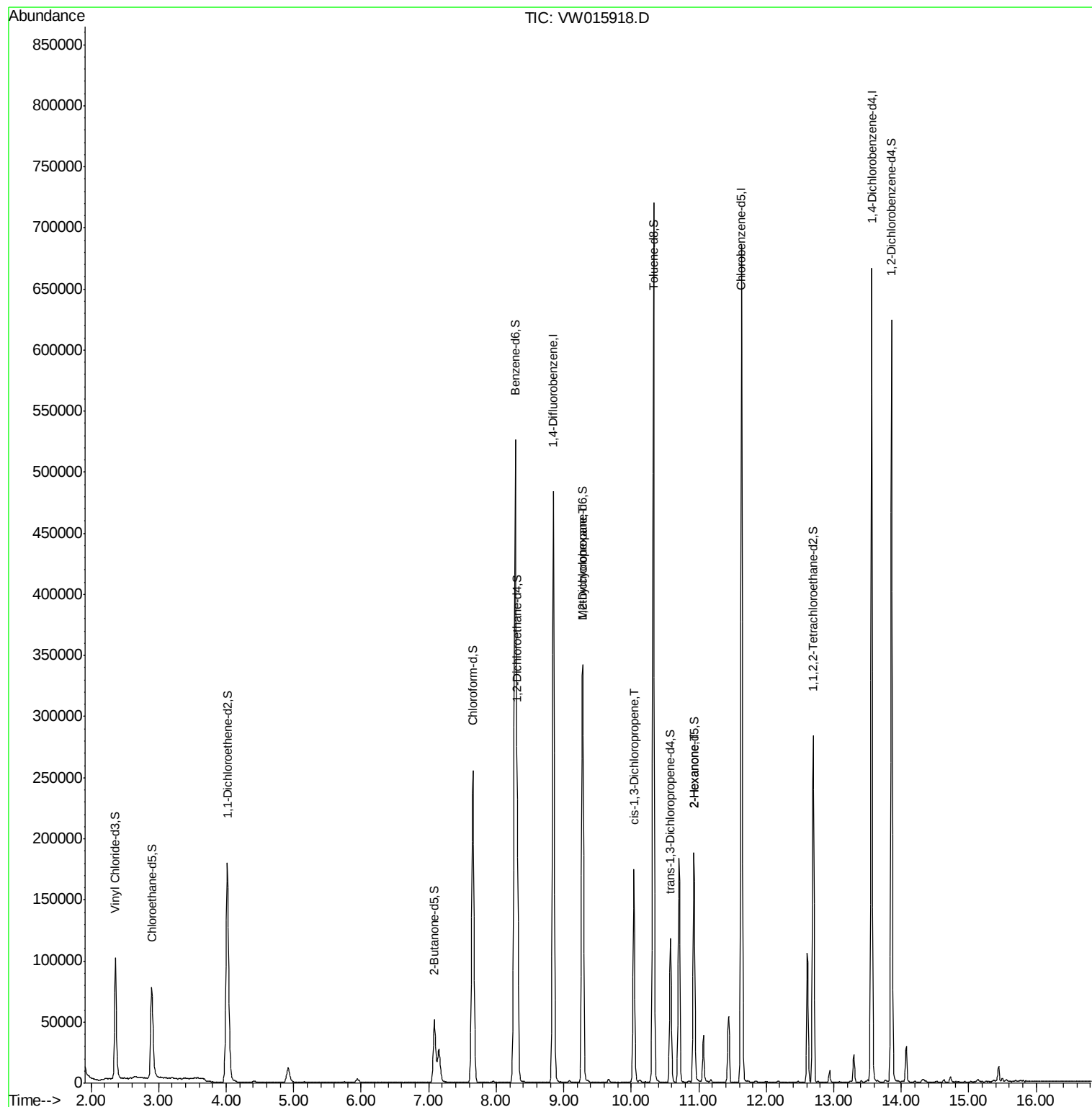
					Ovalue
36) Methylcyclohexane	9.28	83	38588	3.761 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	4304	0.505 ug/L #	58
49) 2-Hexanone	10.93	43	8145	3.511 ug/L #	66

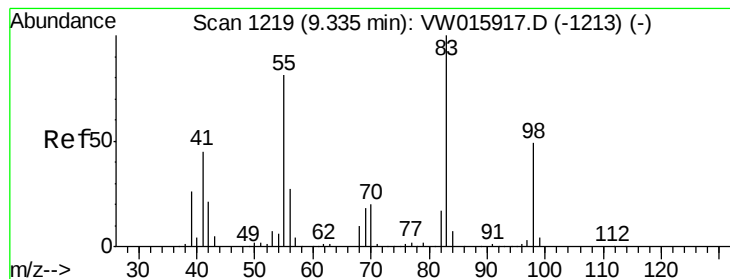
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jul 24 06:59:55 2020
Response via : Initial Calibration





#36

Methylcyclohexane

Concen: 3.761 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW015918.D

Acq: 23 Jul 2020 11:57

Instrument :

MSVOA_W

ClientSampled :

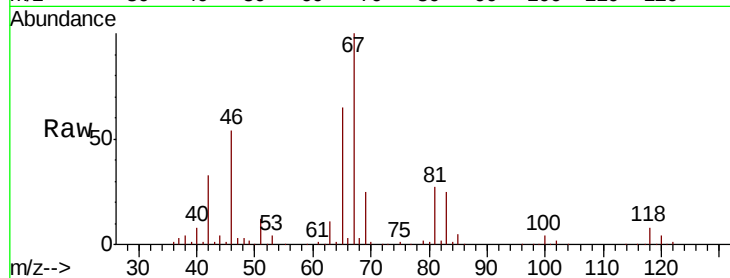
Tot Ion: 83 Resp: 38588

Ion Ratio Lower Upper

83 100

55 0.5 63.5 95.3#

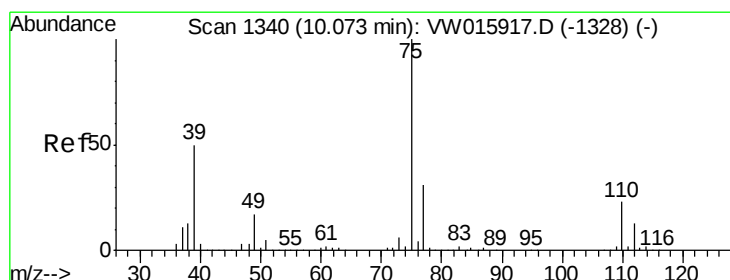
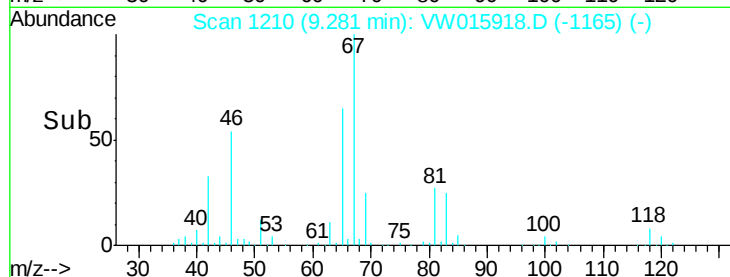
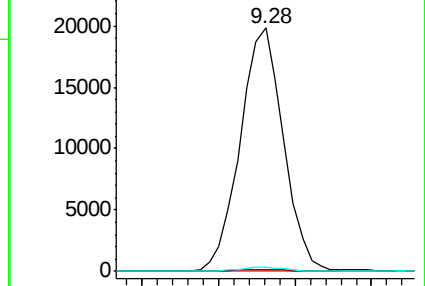
98 1.7 39.0 58.4#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.505 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015918.D

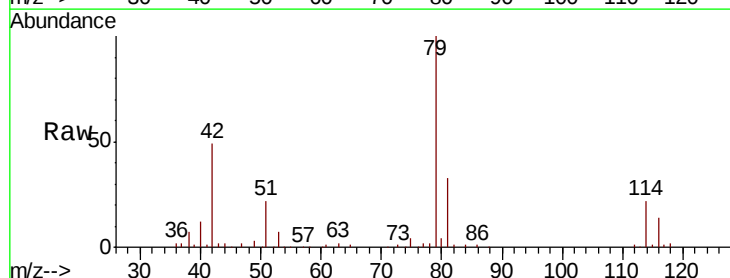
Acq: 23 Jul 2020 11:57

Tgt Ion: 75 Resp: 4304

Ion Ratio Lower Upper

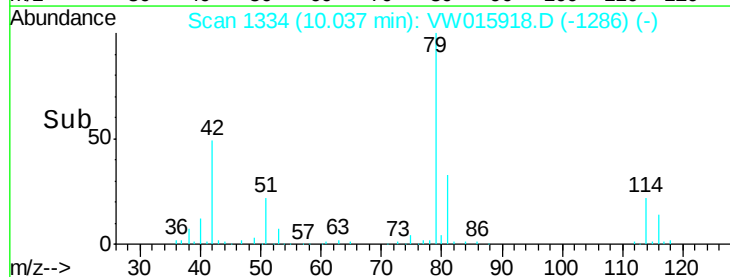
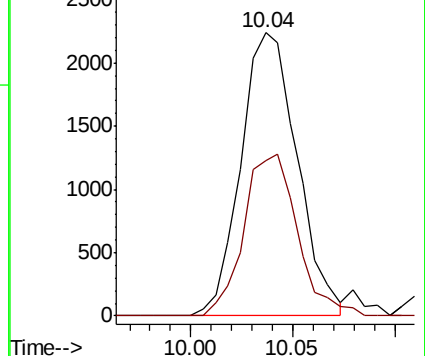
75 100

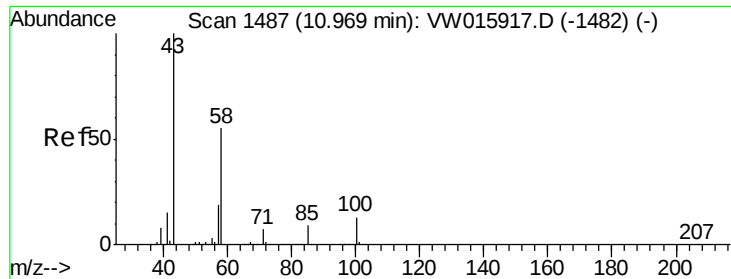
77 55.1 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 3.511 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

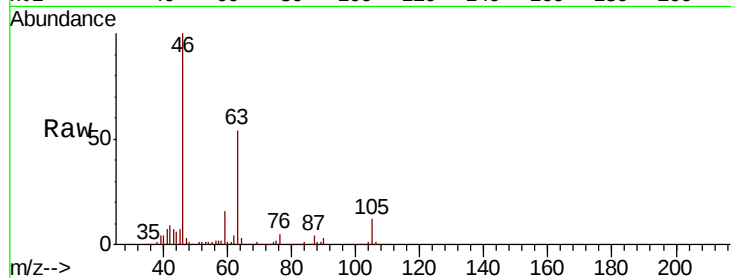
Lab File: VW015918.D

Acq: 23 Jul 2020 11:57

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 8145

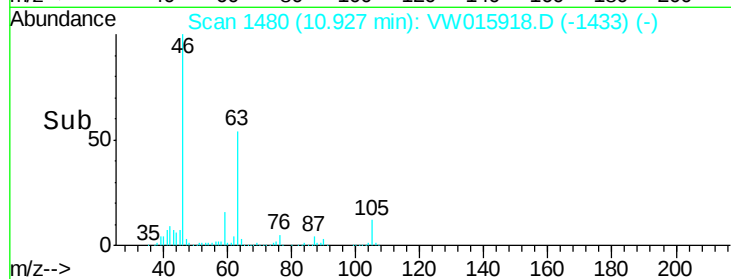
Ion Ratio Lower Upper

43 100

58 24.0 42.4 63.6#

57 28.8 15.6 23.4#

100 1.1 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

