

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050719\
 Data File : VW010298.D
 Acq On : 07 May 2019 14:17
 Operator : SY/VA
 Sample : VW0507SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK04

Quant Time: May 08 04:38:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:05:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	594351	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	563348	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	247689	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	167838	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.00%
7) Chloroethane-d5	2.88	69	128524	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
10) 1,1-Dichloroethene-d2	4.00	63	300339	17.42	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.68%
20) 2-Butanone-d5	7.07	46	164511	51.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.62%
24) Chloroform-d	7.64	84	364784	23.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	8.38	65	229	0.02	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	727661	23.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.12%
33) 1,2-Dichloropropane-d6	9.27	67	222970	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.36%
37) Toluene-d8	10.32	98	634085	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.96%
38) trans-1,3-Dichloropropene-	10.57	79	98079	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.72%
39) 2-Hexanone-d5	10.93	63	121424	50.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	208259	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	216707	25.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.56%

Target Compounds

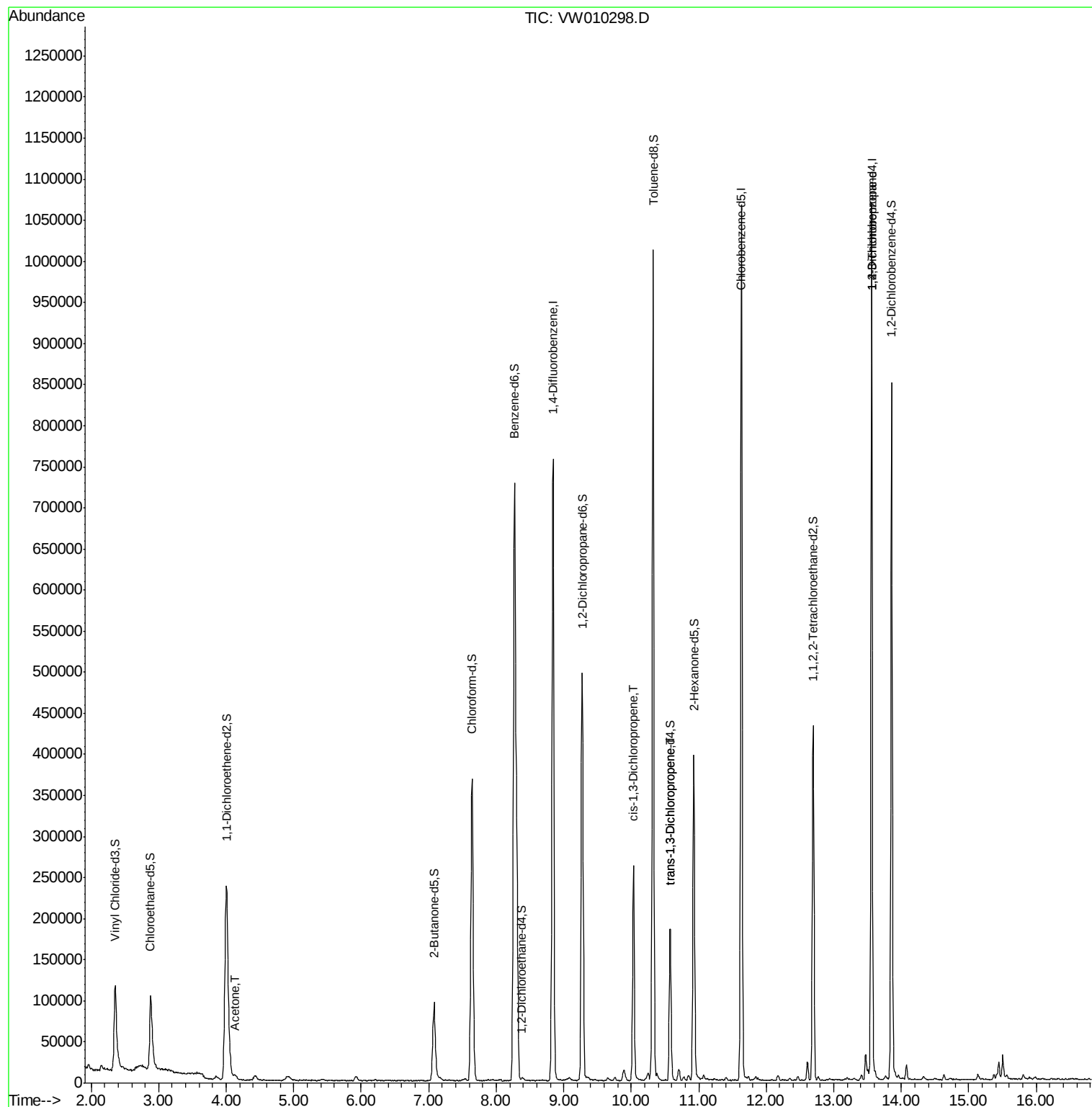
					Qvalue
13) Acetone	4.12	43	6527	2.379 ug/L	96
42) cis-1,3-Dichloropropene	10.03	75	7170	0.543 ug/L #	74
45) trans-1,3-Dichloropropene	10.57	75	5612	0.493 ug/L	83
59) 1,2,3-Trichloropropane	13.56	75	34226	4.922 ug/L	93

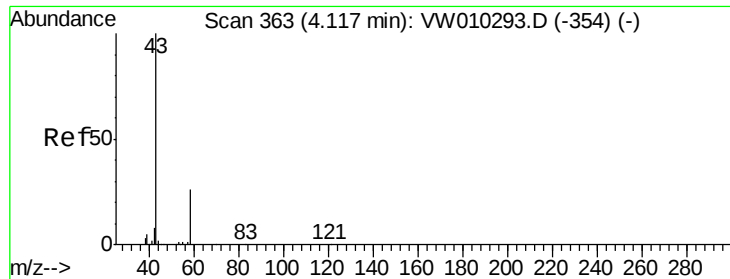
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.379 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010298.D

Acq: 07 May 2019 14:17

Instrument :

MSVOA_W

ClientSampleId :

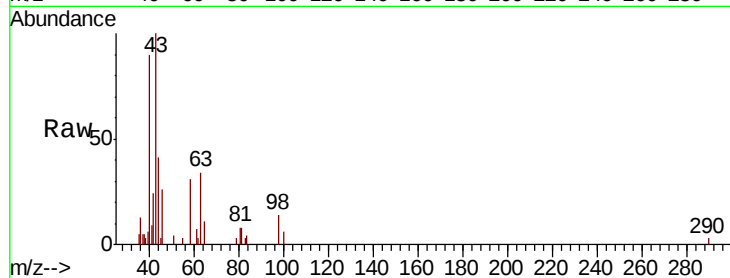
VBLK04

Tgt Ion: 43 Resp: 6527

Ion Ratio Lower Upper

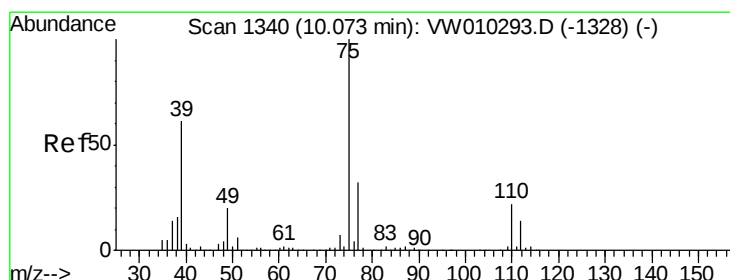
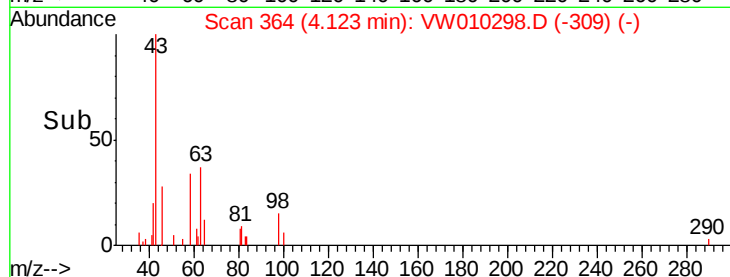
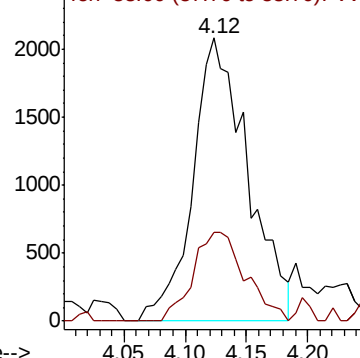
43 100

58 29.8 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.543 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW010298.D

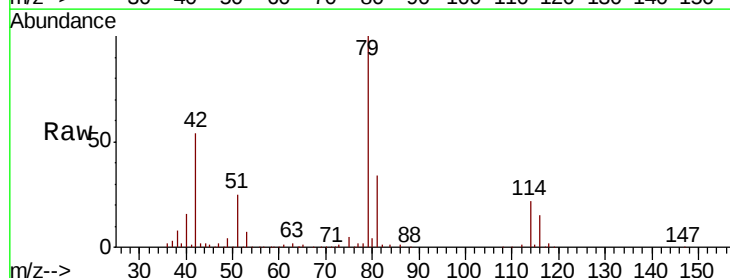
Acq: 07 May 2019 14:17

Tgt Ion: 75 Resp: 7170

Ion Ratio Lower Upper

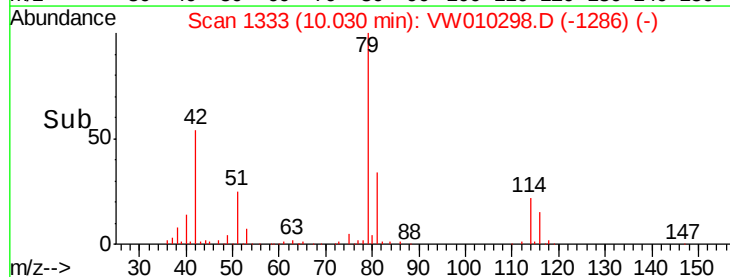
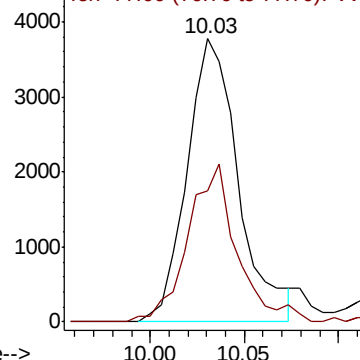
75 100

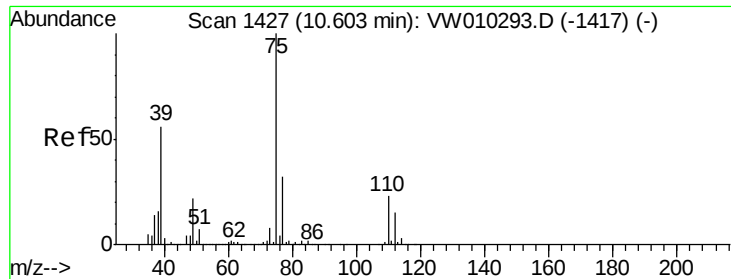
77 46.4 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

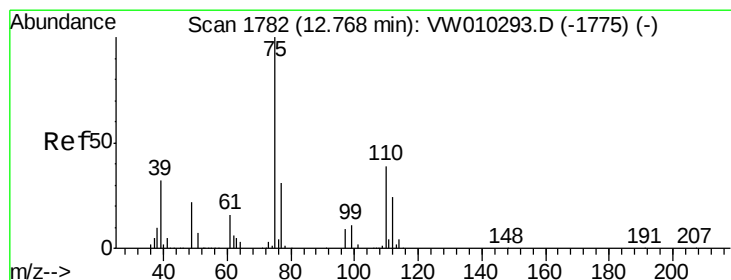
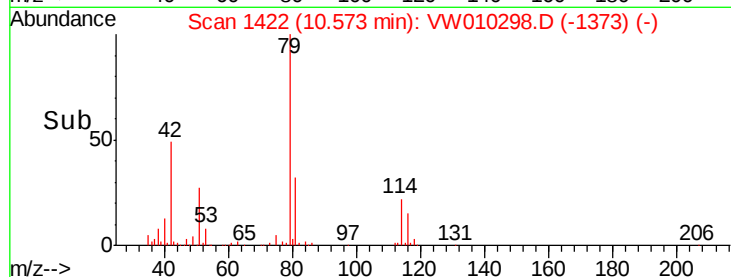
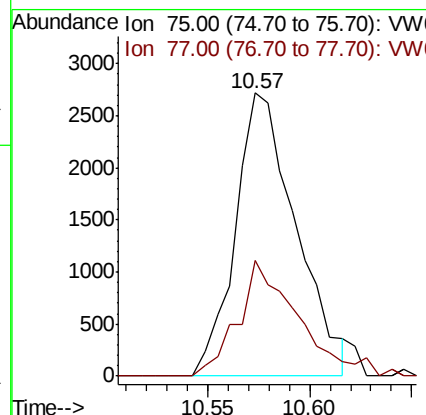
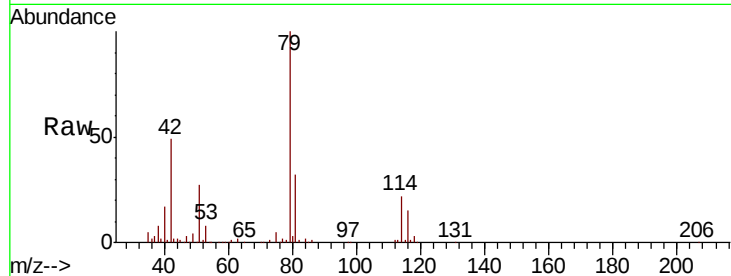




#45
 trans-1,3-Dichloropropene
 Concen: 0.493 ug/L
 RT: 10.57 min Scan# 1422
 Delta R.T. -0.03 min
 Lab File: VW010298.D
 Acq: 07 May 2019 14:17

Instrument :
 MSVOA_W
 ClientSampled :
 VBLK04

Tgt Ion: 75 Resp: 5612
 Ion Ratio Lower Upper
 75 100
 77 40.9 22.1 41.1



#59
 1,2,3-Trichloropropane
 Concen: 4.922 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW010298.D
 Acq: 07 May 2019 14:17

Tgt Ion: 75 Resp: 34226
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.7 38.5

