

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009501.D
 Acq On : 27 Mar 2019 14:24
 Operator : SY/VA
 Sample : K2044-17
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Mar 28 05:00:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 04:55:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	405228	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	392770	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177503	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105037	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.76%
7) Chloroethane-d5	2.89	69	116803	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.44%
10) 1,1-Dichloroethene-d2	4.01	63	186206	17.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.16%
20) 2-Butanone-d5	7.07	46	105644	52.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.50%
24) Chloroform-d	7.64	84	280621	25.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.52%
26) 1,2-Dichloroethane-d4	8.52	65	74	0.01	ug/L	0.22
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	514689	23.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.04%
33) 1,2-Dichloropropane-d6	9.27	67	164794	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.32%
37) Toluene-d8	10.32	98	476657	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.20%
38) trans-1,3-Dichloropropene-	10.58	79	70764	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.64%
39) 2-Hexanone-d5	10.93	63	73296	46.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159676	24.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	176497	25.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.72%

Target Compounds

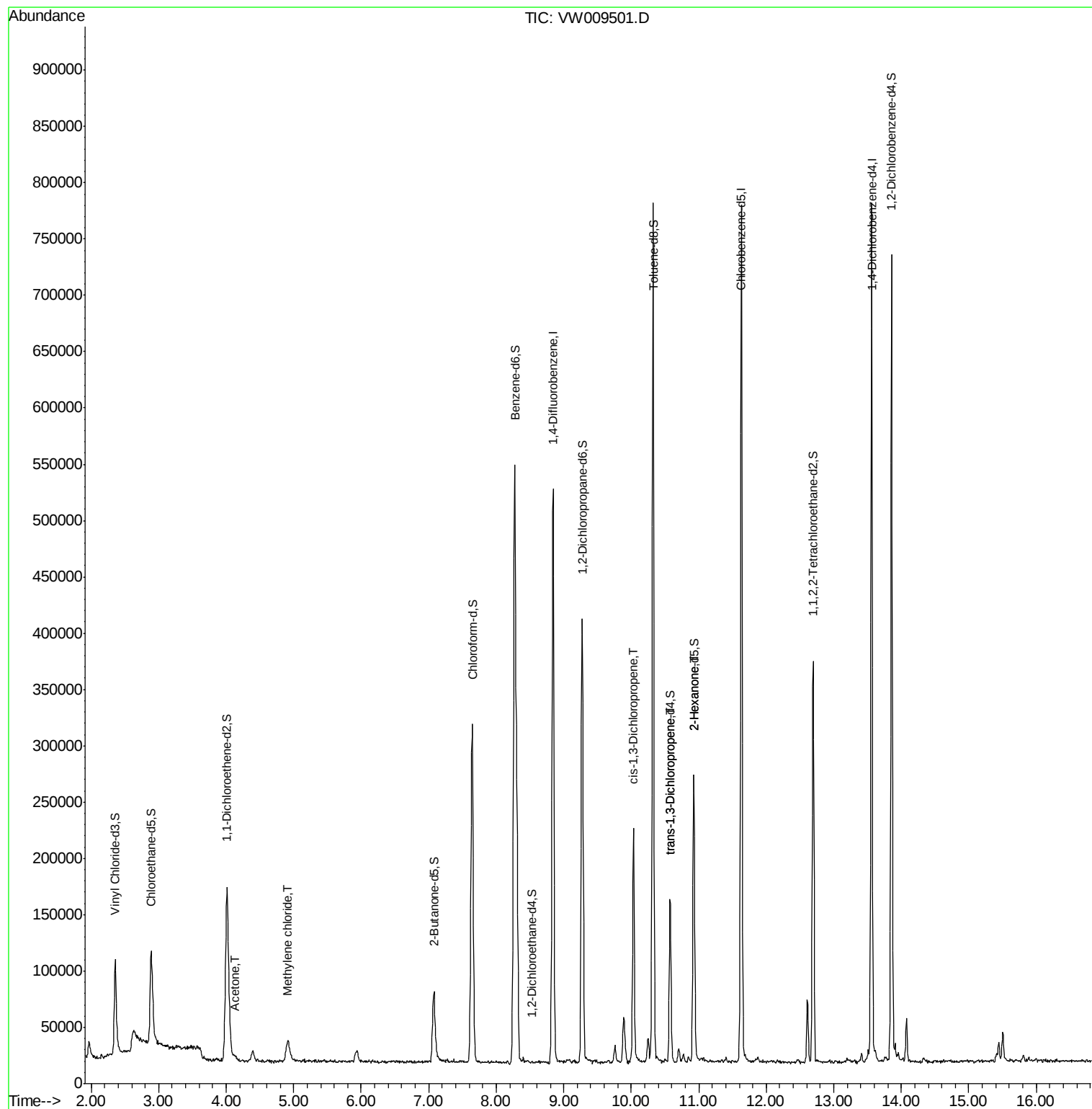
					Ovalue
13) Acetone	4.12	43	4534	2.761 ug/L	96
16) Methylene chloride	4.91	84	10423	1.764 ug/L	91
42) cis-1,3-Dichloropropene	10.03	75	6055	0.674 ug/L #	42
45) trans-1,3-Dichloropropene	10.57	75	4025	0.515 ug/L #	74
49) 2-Hexanone	10.93	43	11692	3.321 ug/L #	74

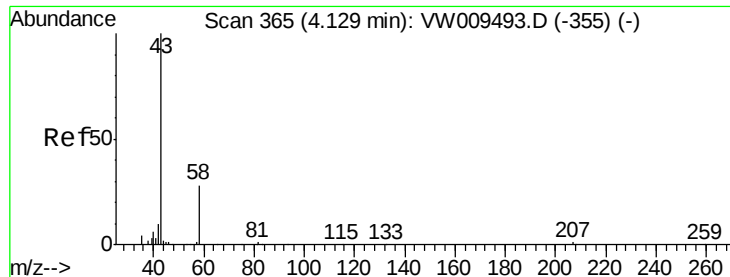
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.761 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009501.D

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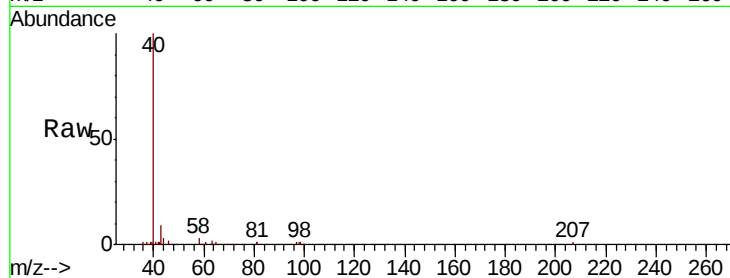
VHBLK01

Tot Ion: 43 Resp: 4534

Ion Ratio Lower Upper

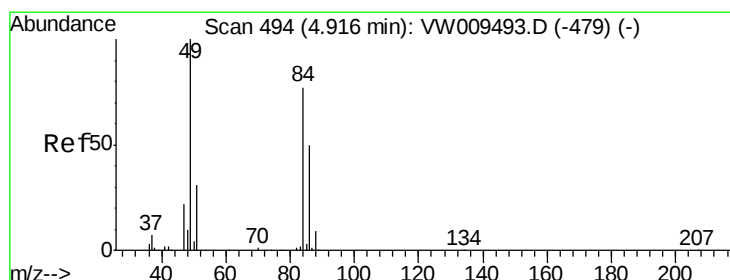
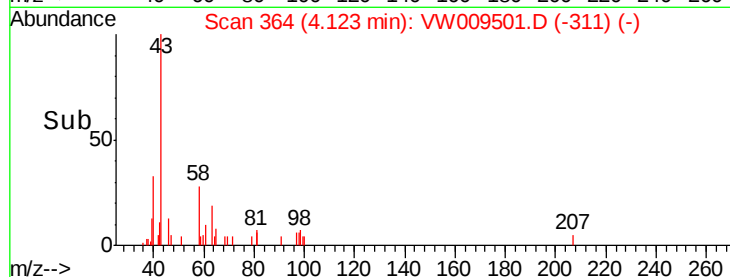
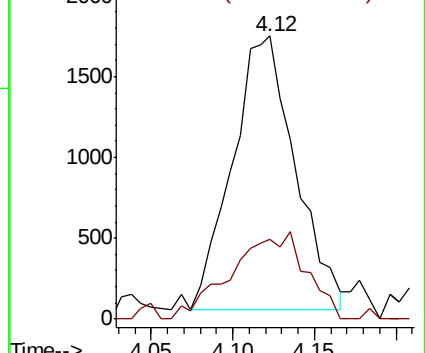
43 100

58 25.8 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.764 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009501.D

Acq: 27 Mar 2019 14:24

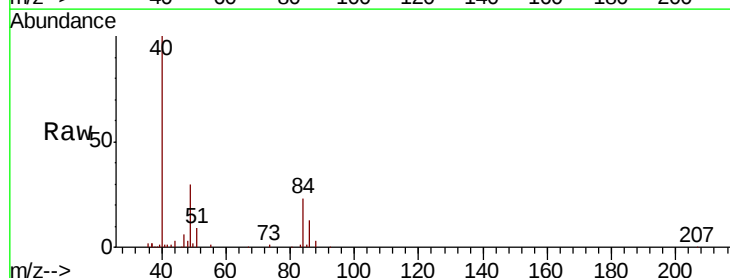
Tgt Ion: 84 Resp: 10423

Ion Ratio Lower Upper

84 100

49 127.2 96.0 178.2

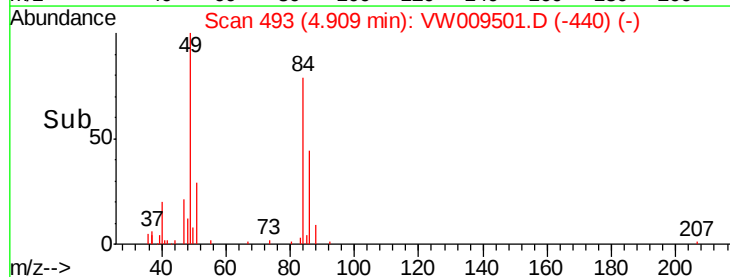
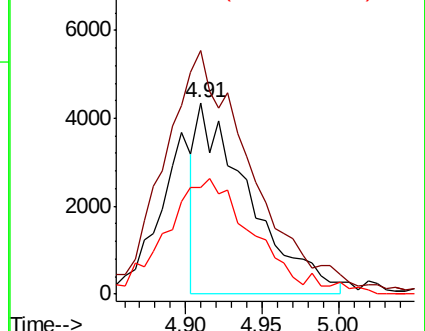
86 55.5 44.4 82.5

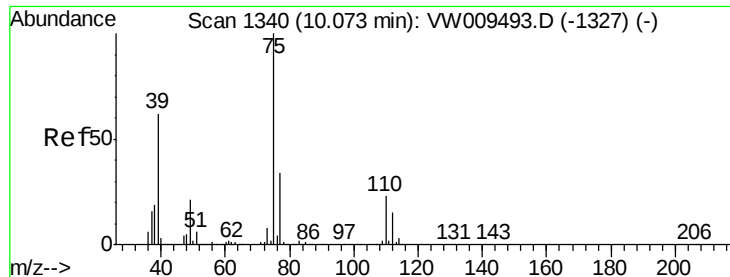


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.674 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009501.D

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ClientSampleId :

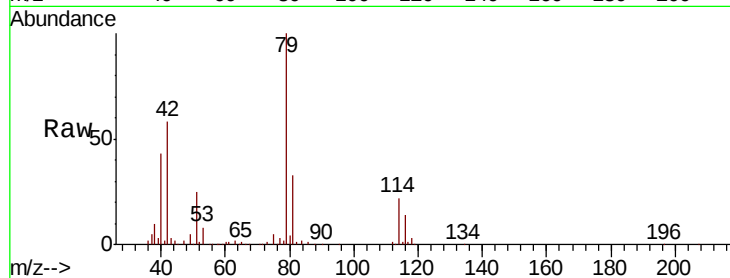
VHBLK01

Tot Ion: 75 Resp: 6055

Ion Ratio Lower Upper

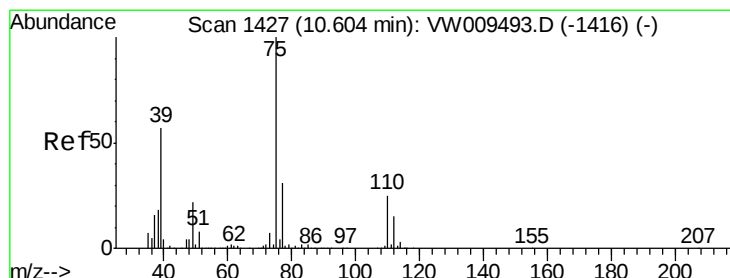
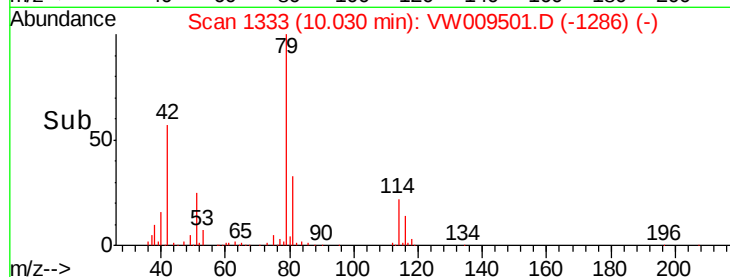
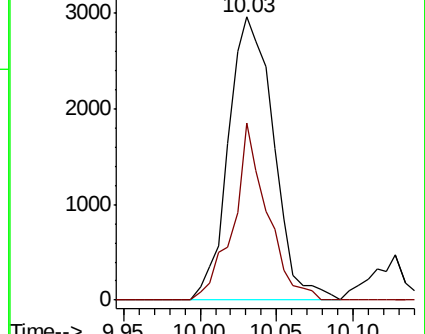
75 100

77 62.6 21.6 40.2#



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: 0.515 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009501.D

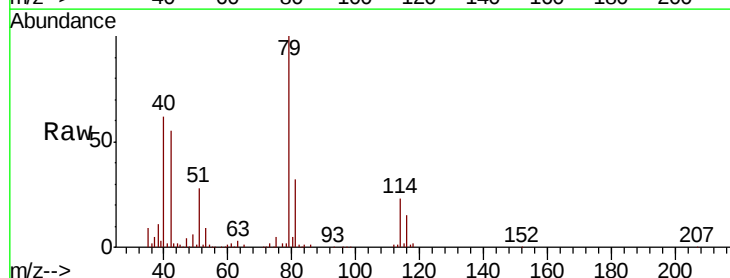
Acq: 27 Mar 2019 14:24

Tgt Ion: 75 Resp: 4025

Ion Ratio Lower Upper

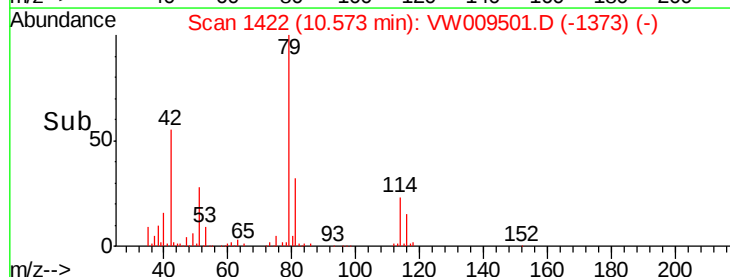
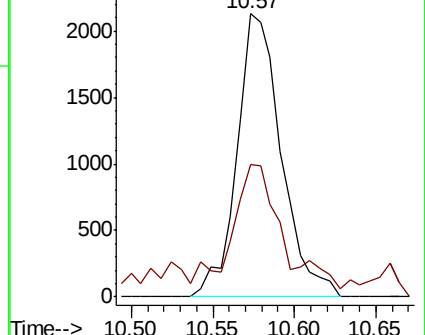
75 100

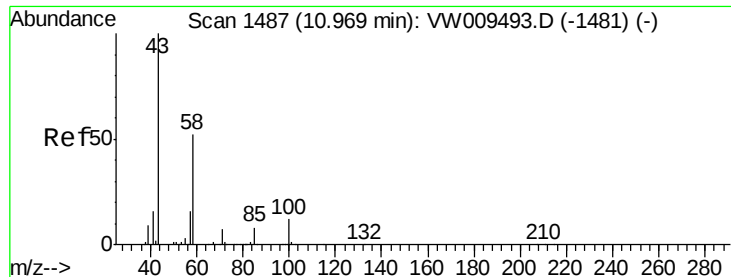
77 46.7 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 3.321 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009501.D

Acq: 27 Mar 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 11692

Ion Ratio Lower Upper

43 100

58 33.3 39.2 58.8#

57 33.6 14.2 21.2#

100 2.8 8.9 13.3#

