

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017187.D
 Acq On : 12 Nov 2020 16:08
 Operator : SY/VA
 Sample : VIBLK03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK03

Quant Time: Nov 13 04:20:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	360117	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347013	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163193	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114550	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.00%
7) Chloroethane-d5	2.89	69	94896	27.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.60%
10) 1,1-Dichloroethene-d2	4.02	63	149444	18.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.68%
20) 2-Butanone-d5	7.07	46	68229	67.26	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.52%
24) Chloroform-d	7.65	84	231986	27.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.36%
26) 1,2-Dichloroethane-d4	8.31	65	125683	30.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.28%
29) Benzene-d6	8.27	84	446408	25.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.04%
33) 1,2-Dichloropropane-d6	9.27	67	129232	26.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.76%
37) Toluene-d8	10.32	98	410508	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
38) trans-1,3-Dichloropropene-	10.58	79	55690	25.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.08%
39) 2-Hexanone-d5	10.93	63	54263	63.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130100	30.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.24%#
61) 1,2-Dichlorobenzene-d4	13.86	152	163273	28.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.60%

Target Compounds

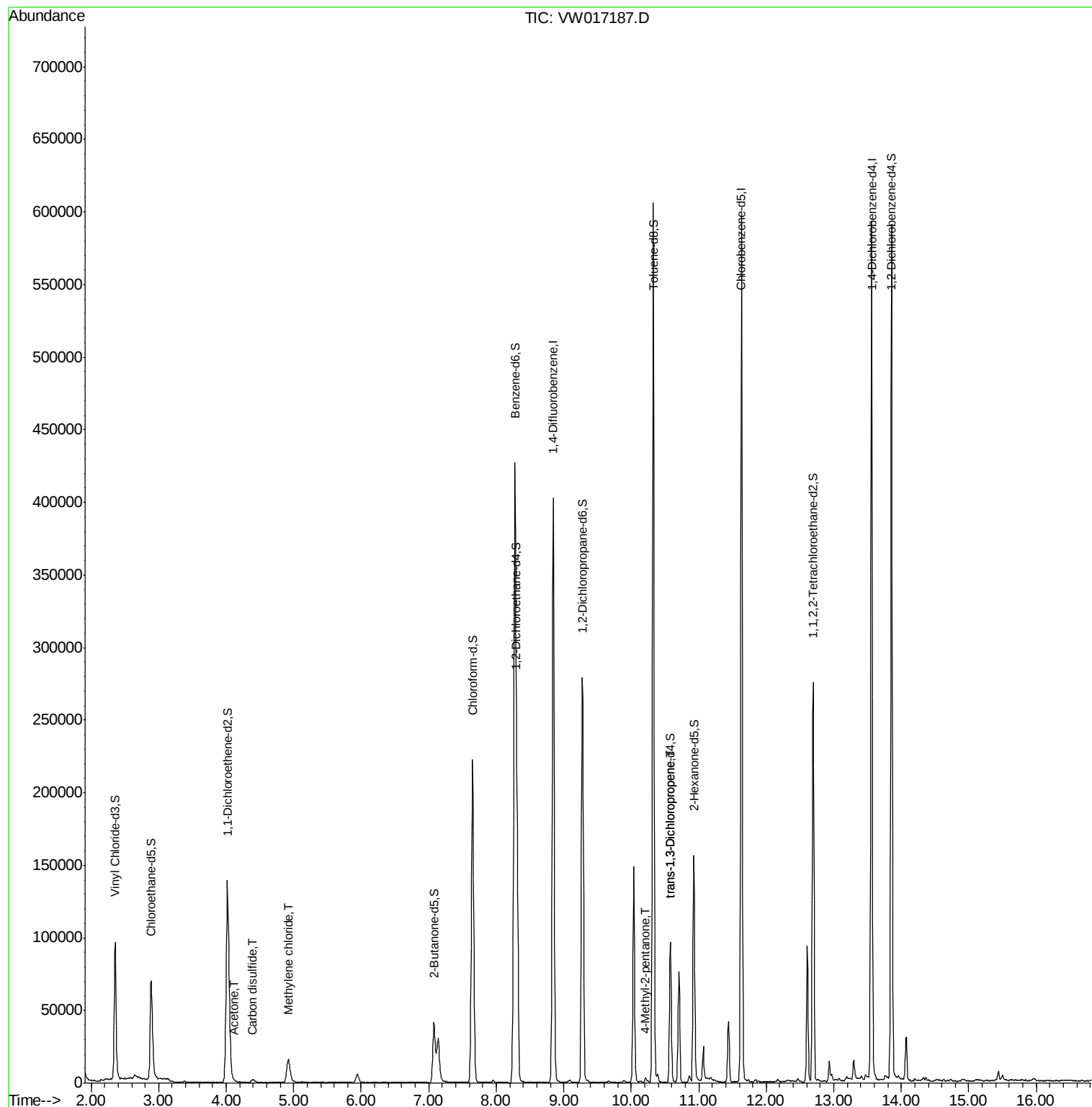
					Ovalue
13) Acetone	4.12	43	464	0.683 ug/L	91
14) Carbon disulfide	4.38	76	3270	0.269 ug/L	97
16) Methylene chloride	4.92	84	15532	3.199 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	2124	0.808 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	2722	0.470 ug/L	94

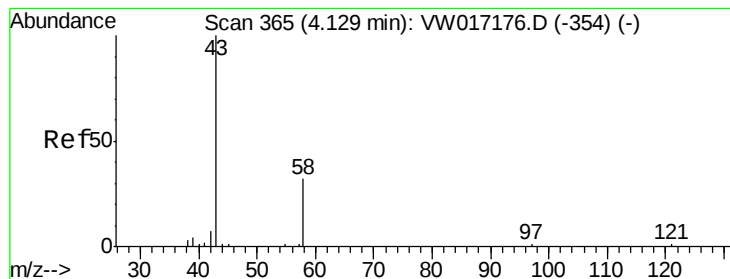
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 13 04:11:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.683 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017187.D

Acq: 12 Nov 2020 16:08

Instrument :

MSVOA_W

ClientSampleId :

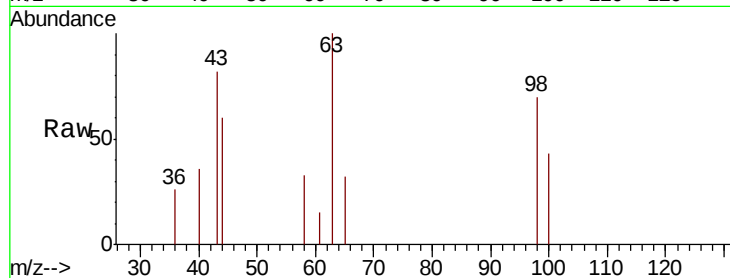
VIBLK03

Tot Ion: 43 Resp: 464

Ion Ratio Lower Upper

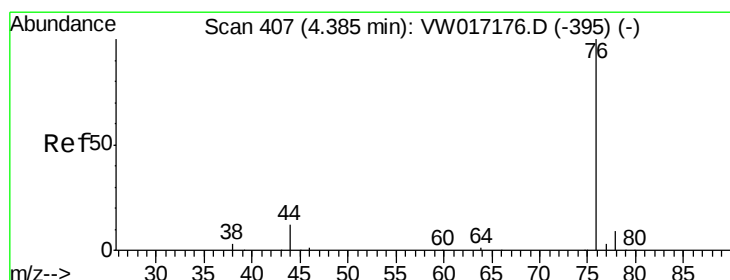
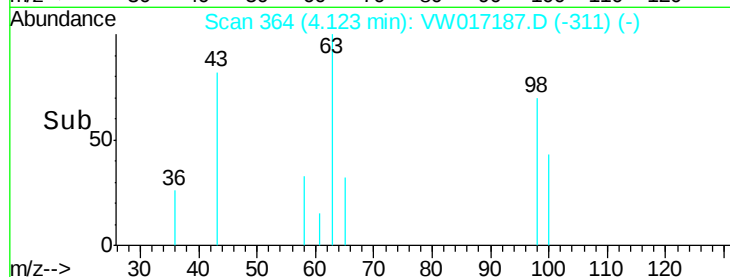
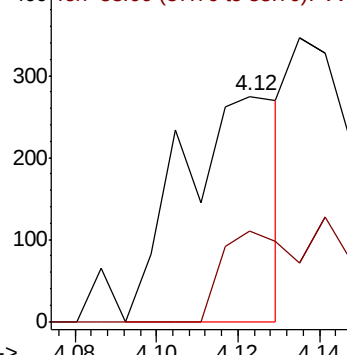
43 100

58 29.3 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.269 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW017187.D

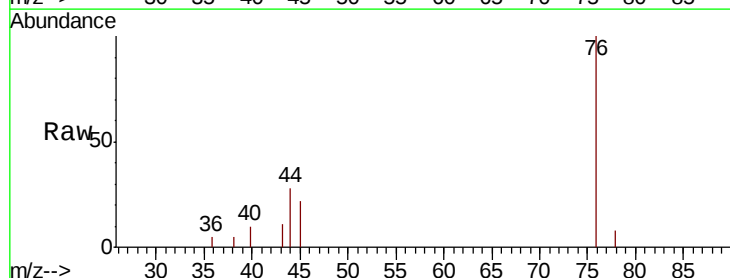
Acq: 12 Nov 2020 16:08

Tgt Ion: 76 Resp: 3270

Ion Ratio Lower Upper

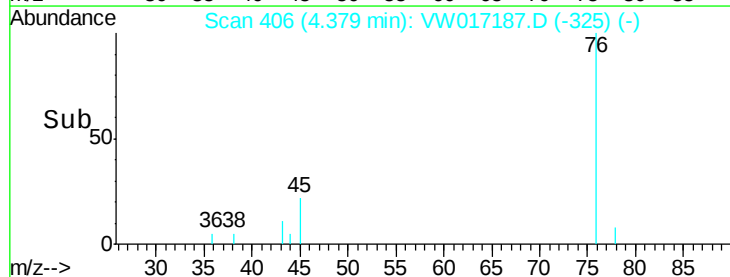
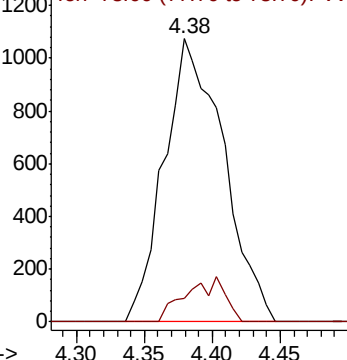
76 100

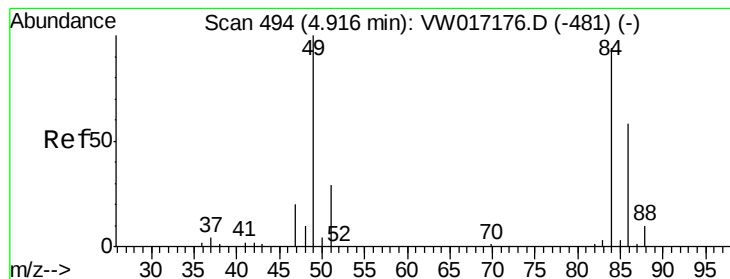
78 8.5 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#16

Methylene chloride

Concen: 3.199 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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ClientSampleId :

VIBLK03

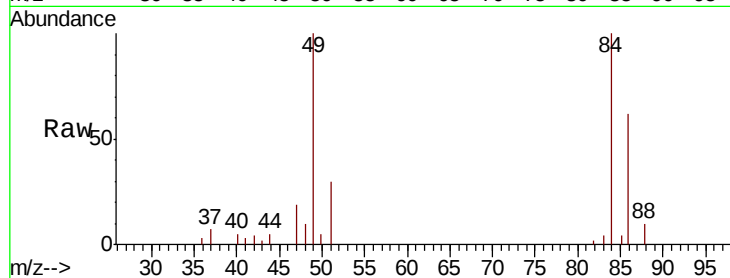
Tot Ion: 84 Resp: 15532

Ion Ratio Lower Upper

84 100

49 99.8 72.3 134.3

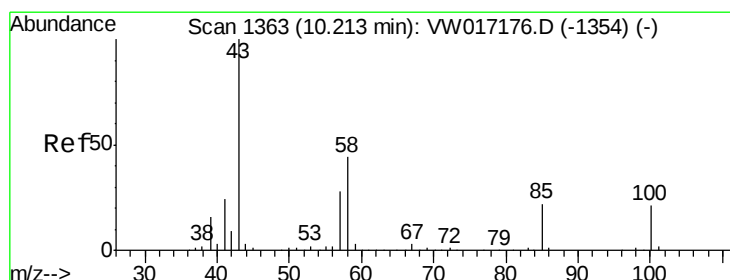
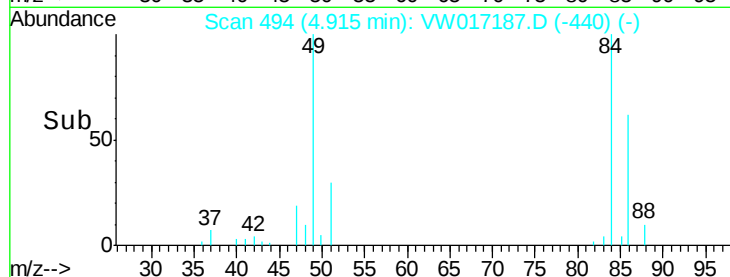
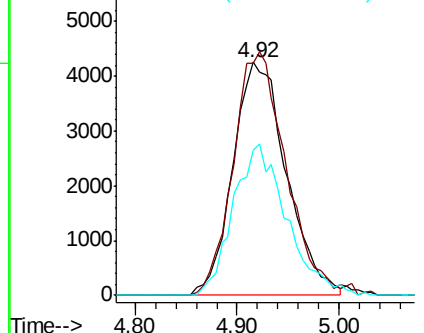
86 62.5 45.1 83.7



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



#43

4-Methyl-2-pentanone

Concen: 0.808 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017187.D

Acq: 12 Nov 2020 16:08

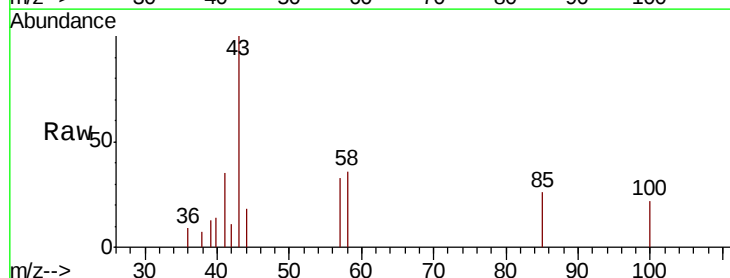
Tgt Ion: 43 Resp: 2124

Ion Ratio Lower Upper

43 100

58 44.4 35.0 52.6

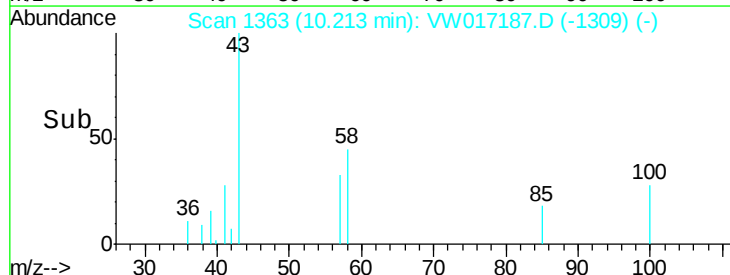
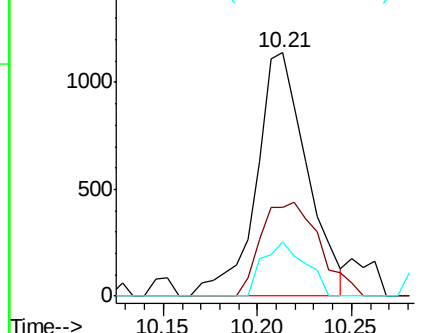
100 18.7 16.6 24.8

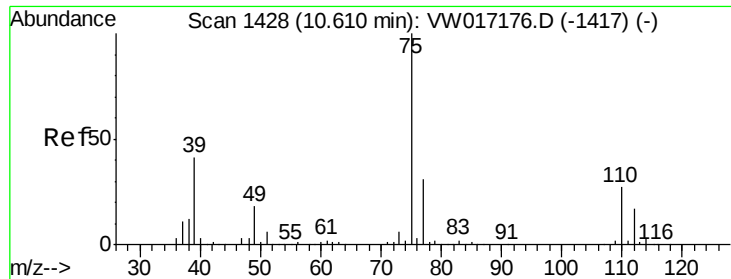


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.470 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017187.D

Acq: 12 Nov 2020 16:08

Instrument :

MSVOA_W

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VIBLK03

Tot Ion: 75 Resp: 2722

Ion Ratio Lower Upper

75 100

77 35.1 22.1 41.1

