

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017233.D
 Acq On : 15 Nov 2020 13:18
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK15

Quant Time: Nov 16 09:55:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 09:47:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	426036	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	385368	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184045	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	98105	18.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.12%
7) Chloroethane-d5	2.90	69	85001	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	4.03	63	132634	13.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.28%
20) 2-Butanone-d5	7.09	46	51171	42.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.28%
24) Chloroform-d	7.65	84	207441	20.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.44%
26) 1,2-Dichloroethane-d4	8.31	65	106389	21.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.08%
29) Benzene-d6	8.28	84	398142	20.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.16%
33) 1,2-Dichloropropane-d6	9.28	67	114292	21.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.24%
37) Toluene-d8	10.33	98	362795	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.44%
38) trans-1,3-Dichloropropene-	10.58	79	46696	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.32%
39) 2-Hexanone-d5	10.93	63	40136	42.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102149	21.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	143421	22.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.48%

Target Compounds

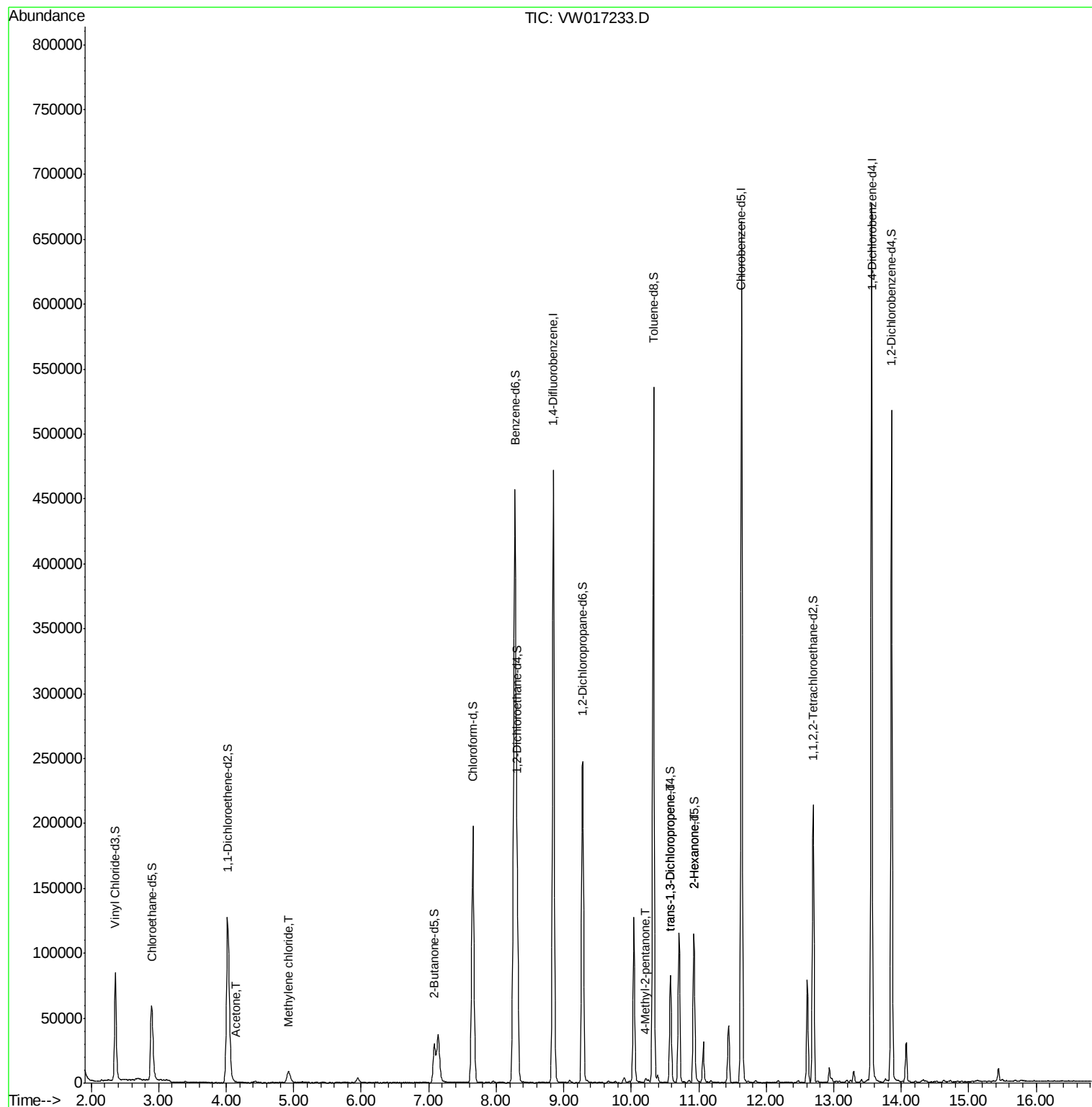
					Ovalue
13) Acetone	4.15	43	448	0.558 ug/L	83
16) Methylene chloride	4.92	84	7889	1.373 ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	2520	0.863 ug/L	95
45) trans-1,3-Dichloropropene	10.58	75	2405	0.374 ug/L	83
49) 2-Hexanone	10.93	43	4363	2.480 ug/L #	65

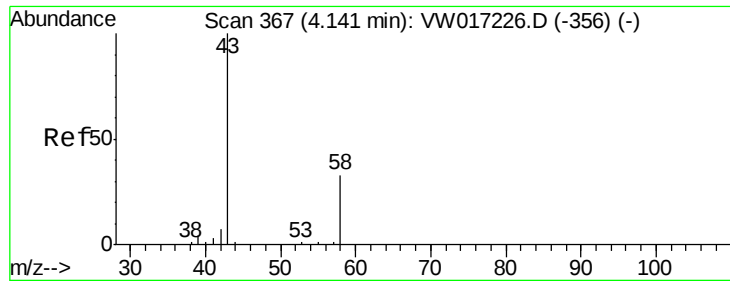
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.558 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW017233.D

Acq: 15 Nov 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

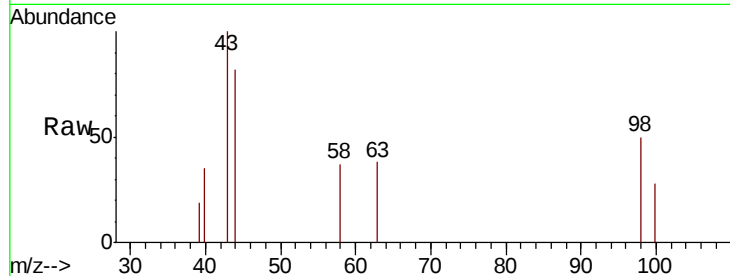
VIBLK15

Tot Ion: 43 Resp: 448

Ion Ratio Lower Upper

43 100

58 24.8 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

300

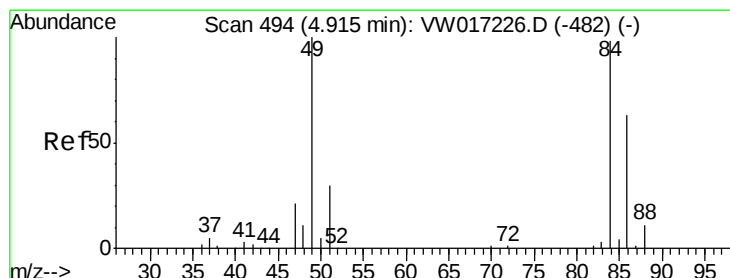
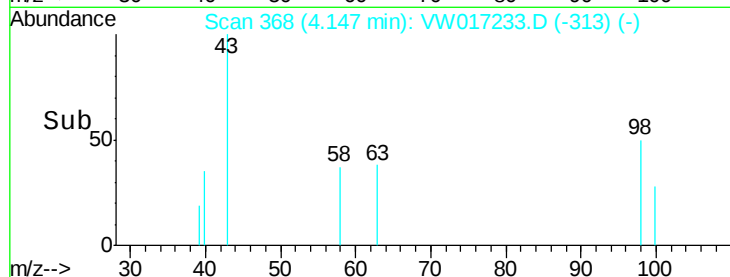
200

100

0

4.12 4.14 4.16 4.18 4.20

Time-->



#16

Methylene chloride

Concen: 1.373 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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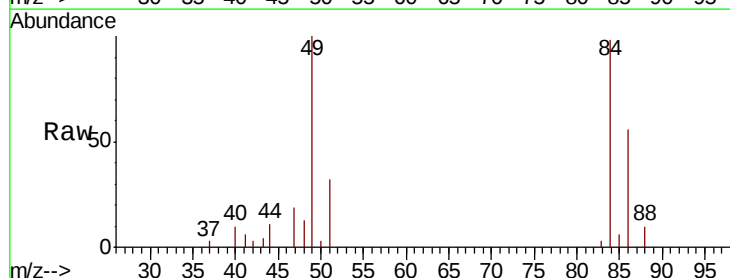
Tgt Ion: 84 Resp: 7889

Ion Ratio Lower Upper

84 100

49 101.7 72.3 134.3

86 57.0 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

4.92

3000

2500

2000

1500

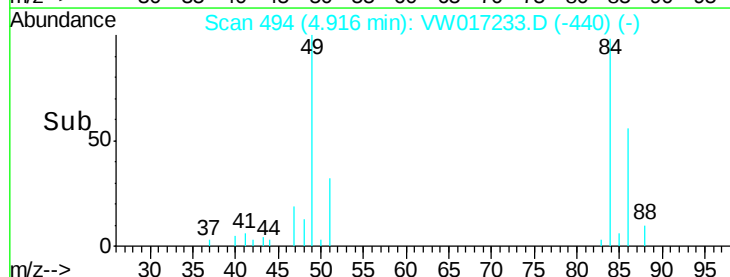
1000

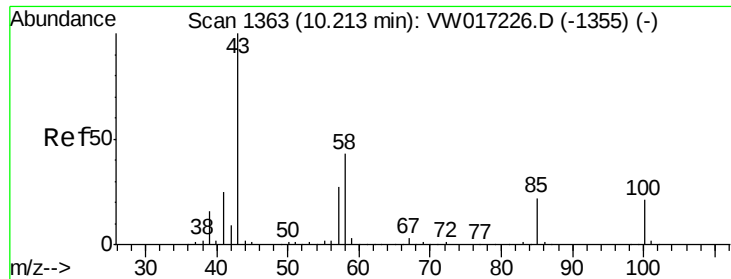
500

0

4.80 4.90 5.00

Time-->

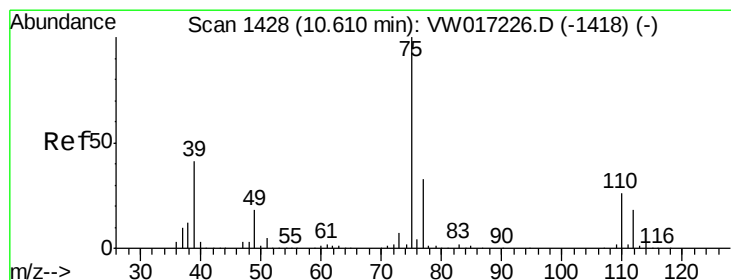
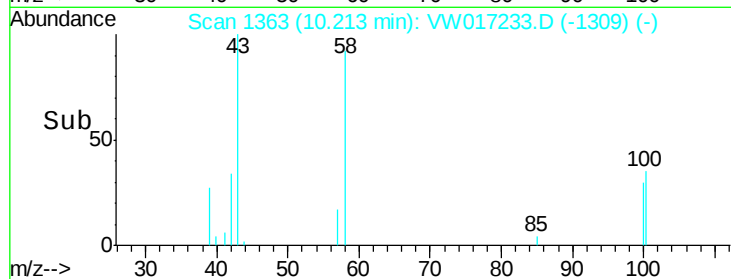
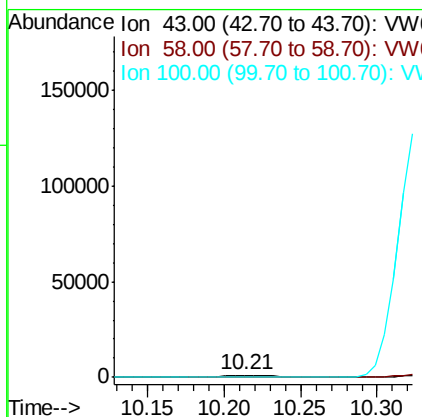
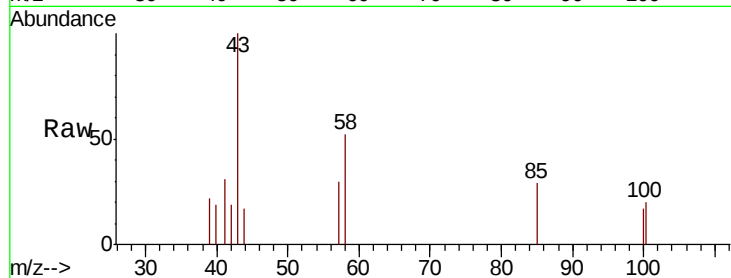




#43
4-Methyl-2-pentanone
Concen: 0.863 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017233.D
Acq: 15 Nov 2020 13:18

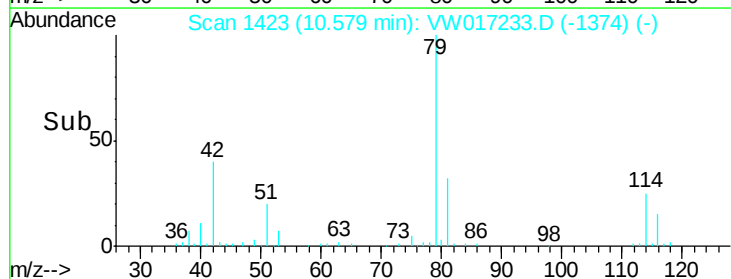
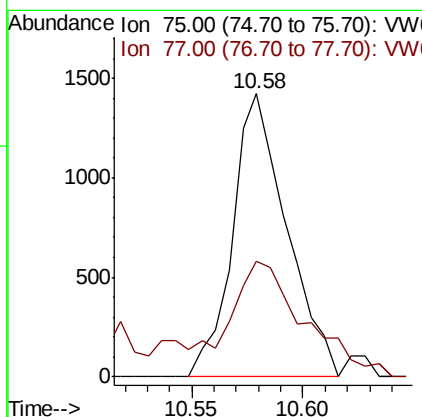
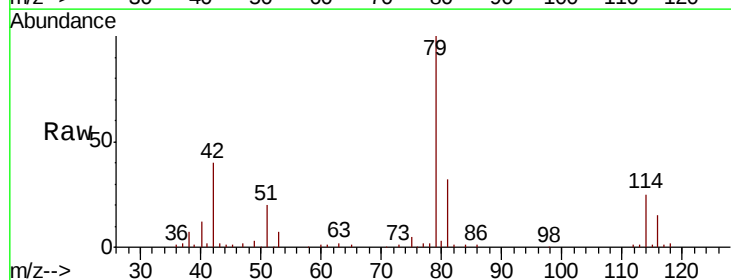
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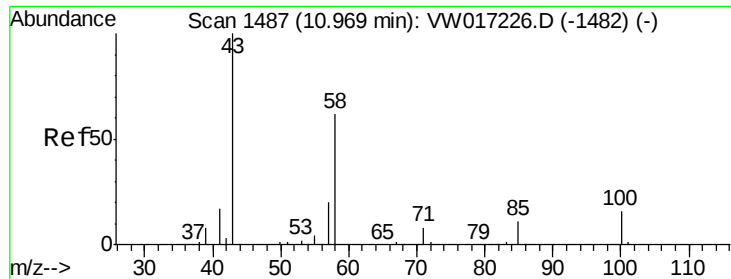
Tot Ion: 43 Resp: 2520
Ion Ratio Lower Upper
43 100
58 41.3 35.0 52.6
100 17.7 16.6 24.8



#45
trans-1,3-Dichloropropene
Concen: 0.374 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017233.D
Acq: 15 Nov 2020 13:18

Tgt Ion: 75 Resp: 2405
Ion Ratio Lower Upper
75 100
77 41.1 22.1 41.1





#49

2-Hexanone

Concen: 2.480 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW017233.D

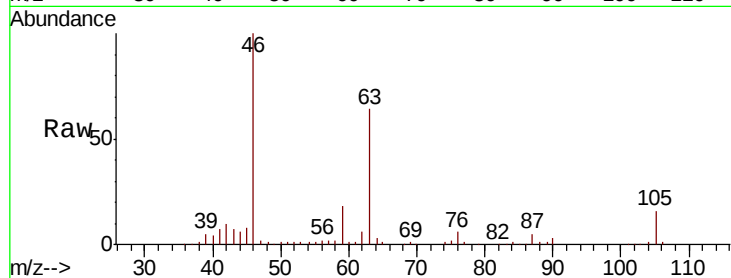
Acq: 15 Nov 2020 13:18

Instrument :

MSVOA_W

ClientSampleId :

VIBLK15



Tot Ion:	43	Resp:	4363
Ion	Ratio	Lower	Upper
43	100		
58	31.6	50.6	75.8#
57	30.4	17.8	26.6#
100	0.0	13.9	20.9#

