

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017863.D
 Acq On : 13 Jan 2021 21:24
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jan 14 11:44:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	323852	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	302822	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	142001	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110500	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.20%
7) Chloroethane-d5	2.89	69	90742	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.76%
10) 1,1-Dichloroethene-d2	4.02	63	145613	16.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.72%
20) 2-Butanone-d5	7.07	46	47626	58.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.28%
24) Chloroform-d	7.65	84	196487	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	8.31	65	115799	26.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.76%
29) Benzene-d6	8.27	84	384286	22.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.12%
33) 1,2-Dichloropropane-d6	9.27	67	113748	24.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.76%
37) Toluene-d8	10.32	98	354343	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.52%
38) trans-1,3-Dichloropropene-	10.58	79	43167	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.40%
39) 2-Hexanone-d5	10.93	63	32143	54.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88638	25.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	109080	22.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.24%

Target Compounds

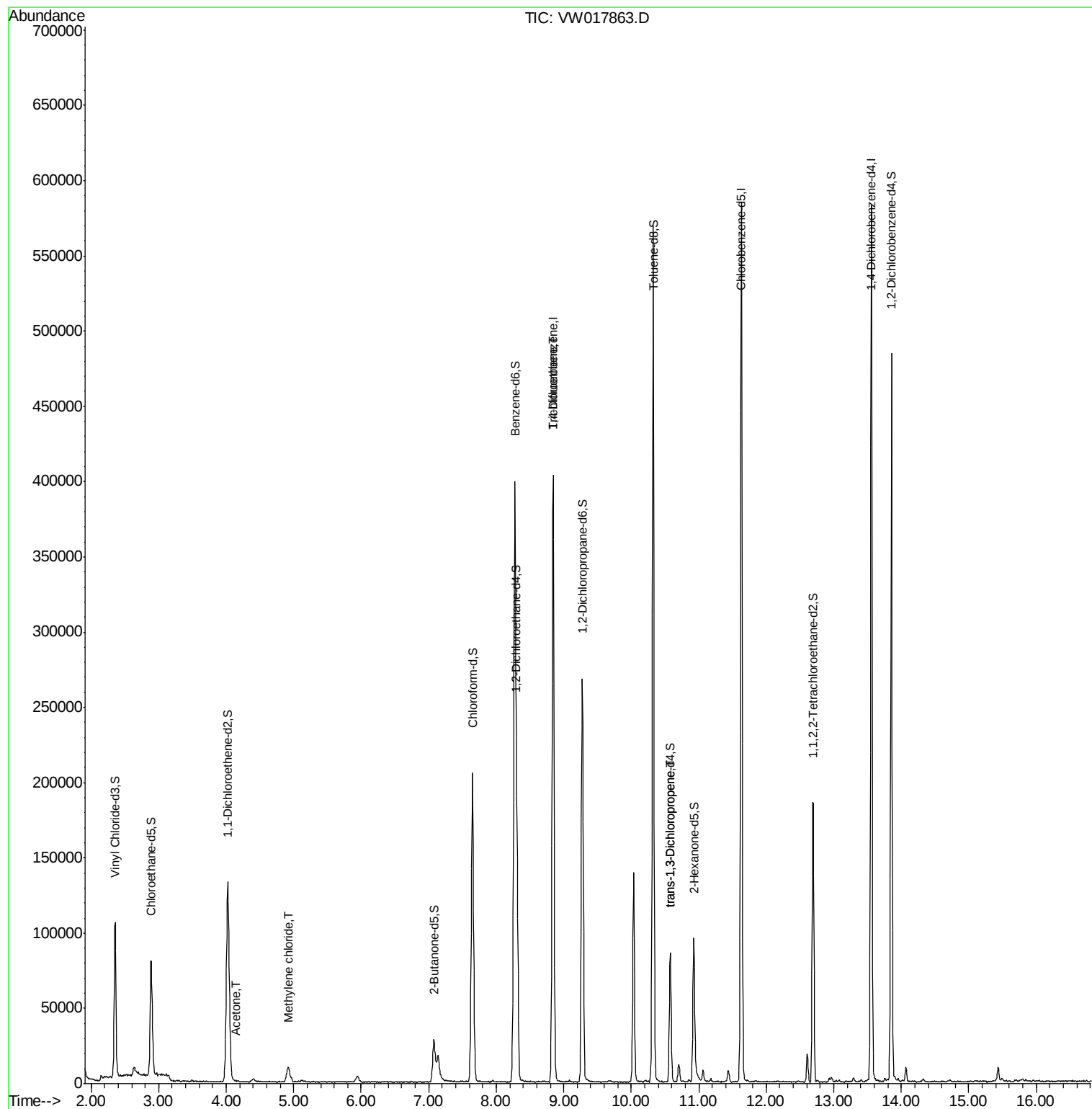
					Qvalue
13) Acetone	4.14	43	459	0.654 ug/L	85
16) Methylene chloride	4.92	84	7827	1.690 ug/L	96
35) Trichloroethene	8.84	95	10874	2.269 ug/L #	5
45) trans-1,3-Dichloropropene	10.58	75	2443	0.440 ug/L	92

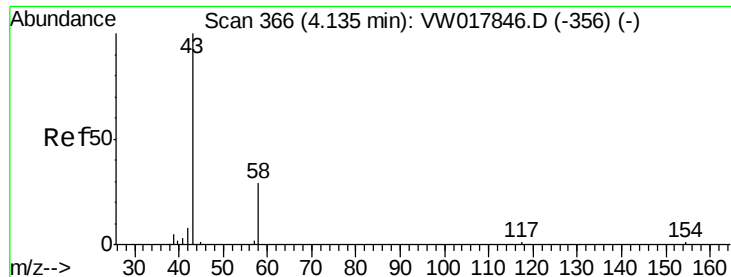
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.654 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017863.D

Acq: 13 Jan 2021 21:24

Instrument :

MSVOA_W

ClientSampled :

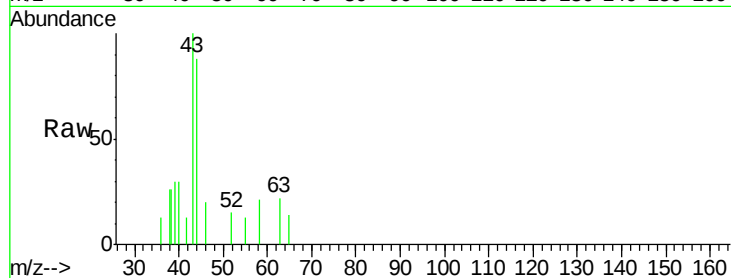
VIBLK

Tgt Ion: 43 Resp: 459

Ion Ratio Lower Upper

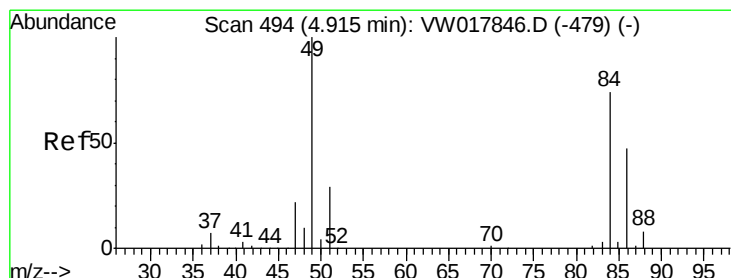
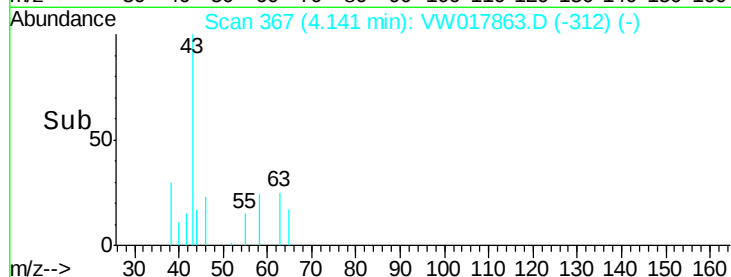
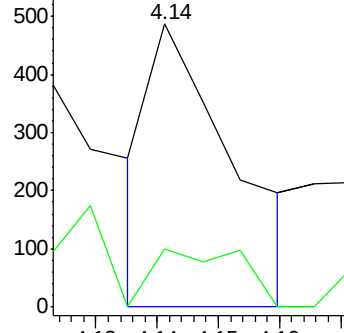
43 100

58 22.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.690 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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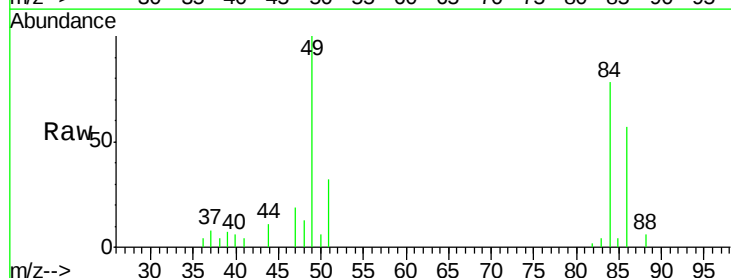
Tgt Ion: 84 Resp: 7827

Ion Ratio Lower Upper

84 100

49 127.9 90.5 168.1

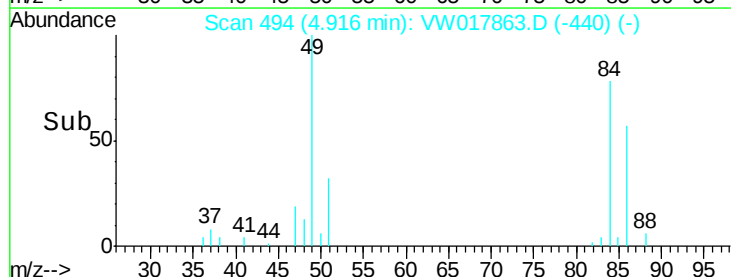
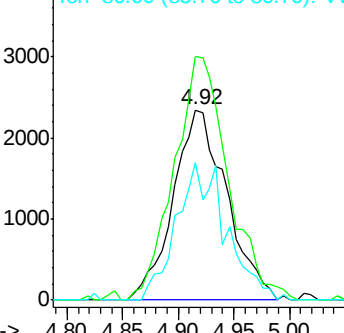
86 72.4 44.8 83.2

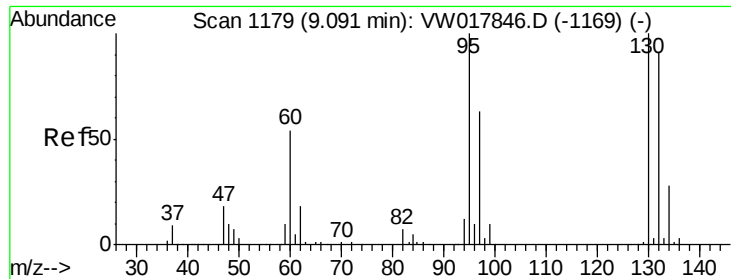


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.269 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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MSVOA_W

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Tgt Ion: 95 Resp: 10874

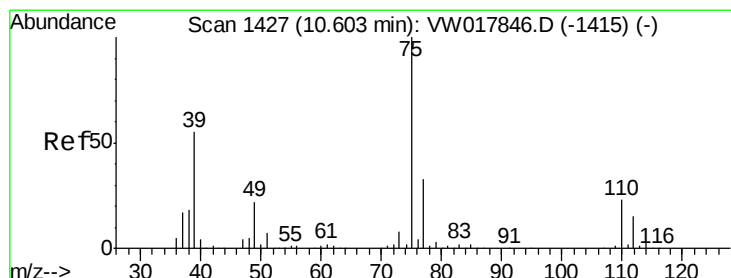
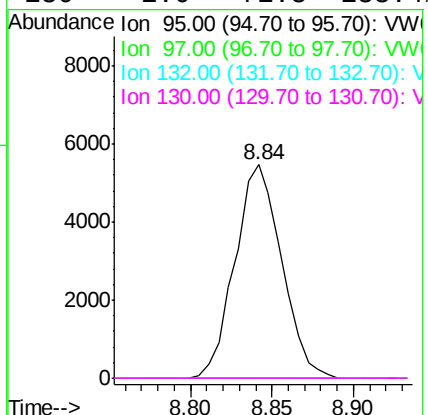
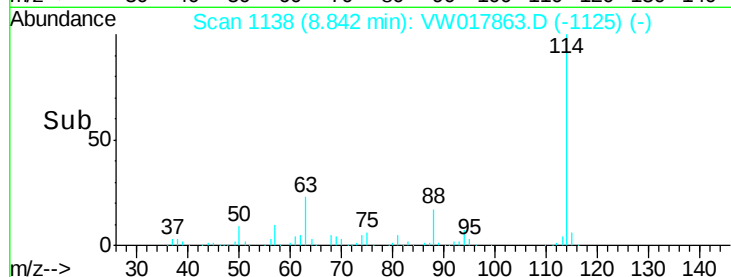
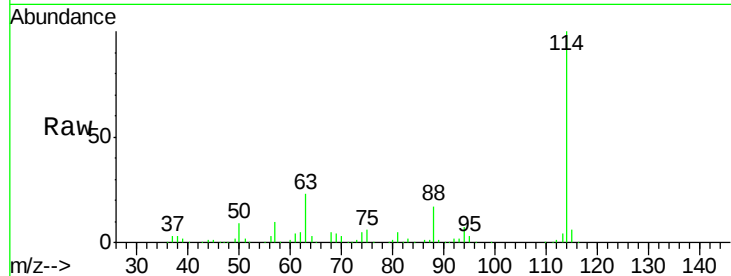
Ion Ratio Lower Upper

95 100

97 1.1 46.8 87.0#

132 0.5 68.3 126.9#

130 1.0 71.8 133.4#



#45

trans-1,3-Dichloropropene

Concen: 0.440 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017863.D

Acq: 13 Jan 2021 21:24

Tgt Ion: 75 Resp: 2443

Ion Ratio Lower Upper

75 100

77 35.1 21.6 40.0

