

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014664.D
 Acq On : 16 Jan 2020 11:09
 Operator : SY/VA
 Sample : VW0116SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK21

Quant Time: Jan 17 01:21:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 01:19:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1008473	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	896739	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	390839	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	312924	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
7) Chloroethane-d5	2.89	69	250476	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.64%
10) 1,1-Dichloroethene-d2	4.02	63	462360	17.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.12%
20) 2-Butanone-d5	7.07	46	221100	65.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.72%
24) Chloroform-d	7.65	84	576868	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.50	65	145	0.01	ug/L	0.20
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1244340	26.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.36%
33) 1,2-Dichloropropane-d6	9.27	67	378107	26.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.48%
37) Toluene-d8	10.32	98	1113874	25.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.08%
38) trans-1,3-Dichloropropene-	10.57	79	148033	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.00%
39) 2-Hexanone-d5	10.92	63	164827	67.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	321707	29.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	357832	27.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.16%

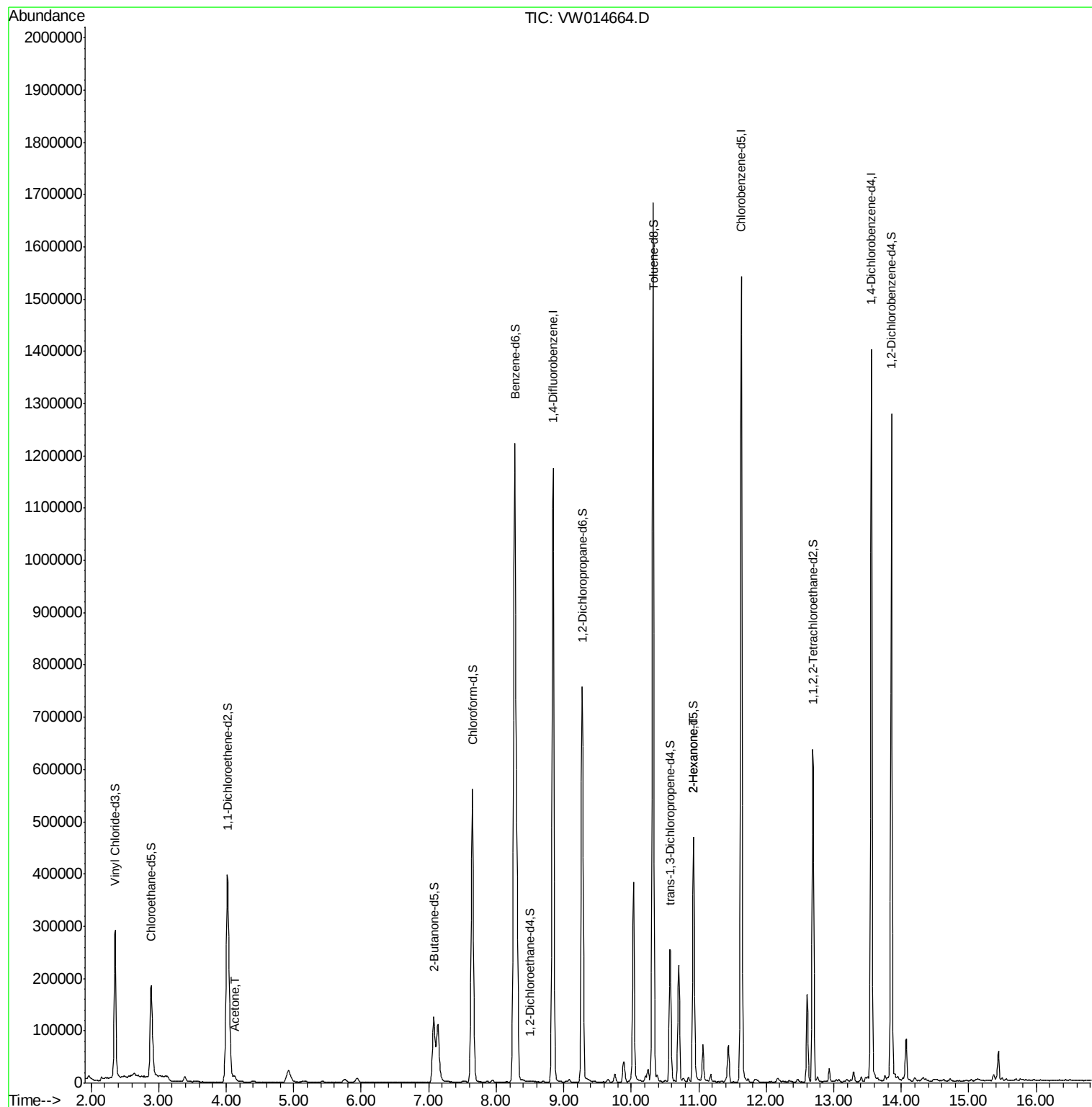
Target Compounds					Ovalue
13) Acetone	4.12	43	16857	3.599 ug/L	97
49) 2-Hexanone	10.92	43	19372	3.235 ug/L #	63

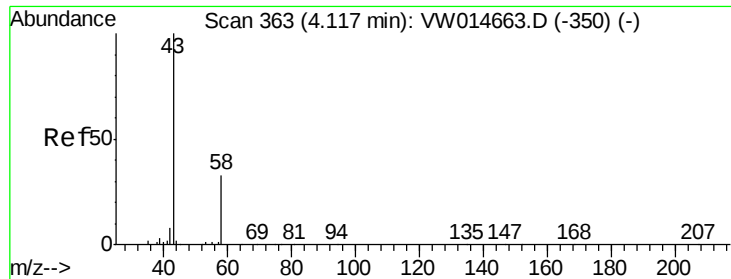
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.599 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014664.D

Acq: 16 Jan 2020 11:09

Instrument :

MSVOA_W

ClientSampleId :

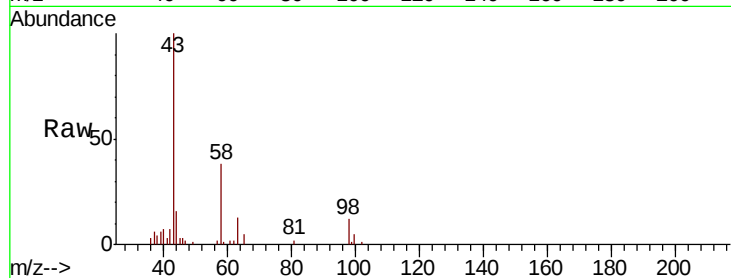
VBLK21

Tot Ion: 43 Resp: 16857

Ion Ratio Lower Upper

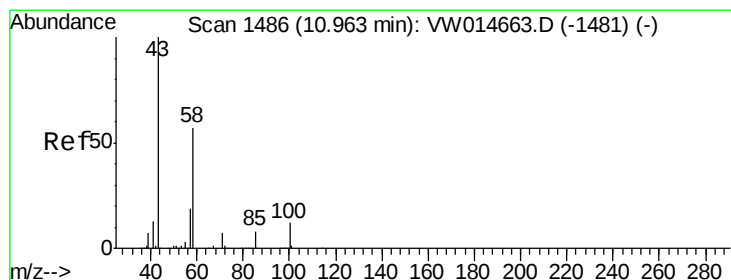
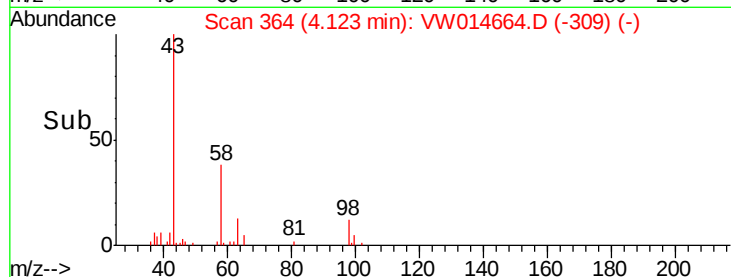
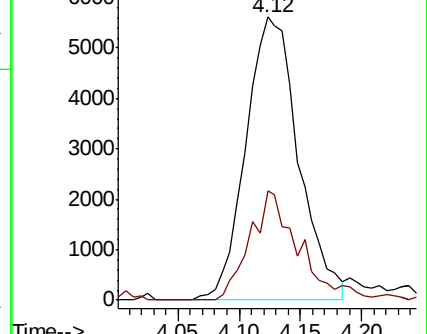
43 100

58 33.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#49

2-Hexanone

Concen: 3.235 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014664.D

Acq: 16 Jan 2020 11:09

Tgt Ion: 43 Resp: 19372

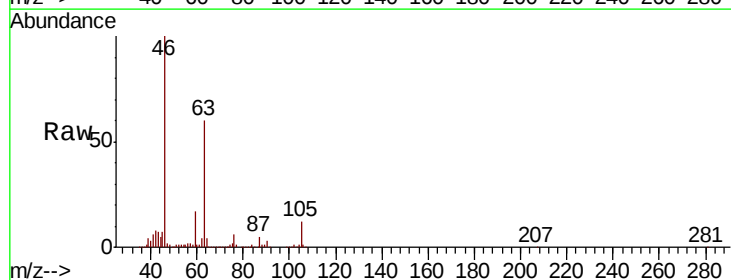
Ion Ratio Lower Upper

43 100

58 24.6 44.9 67.3#

57 29.7 15.3 22.9#

100 1.4 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

