

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042619\
 Data File : VW010171.D
 Acq On : 27 Apr 2019 00:45
 Operator : SY/VA
 Sample : VIBLK
 Misc : 3.52G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Apr 27 01:27:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:45:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	630562	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	631945	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	290384	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	127440	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.56%
7) Chloroethane-d5	2.89	69	107770	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
10) 1,1-Dichloroethene-d2	4.01	63	222020	12.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.20%
20) 2-Butanone-d5	7.08	46	139943	49.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.32%
24) Chloroform-d	7.64	84	339600	20.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.92%
26) 1,2-Dichloroethane-d4	8.30	65	224838	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.60%
29) Benzene-d6	8.27	84	658927	18.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.64%
33) 1,2-Dichloropropane-d6	9.27	67	219329	19.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.64%
37) Toluene-d8	10.32	98	593481	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.04%
38) trans-1,3-Dichloropropene-	10.58	79	94359	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.40%
39) 2-Hexanone-d5	10.93	63	110732	47.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	212338	22.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	250098	23.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.04%

Target Compounds

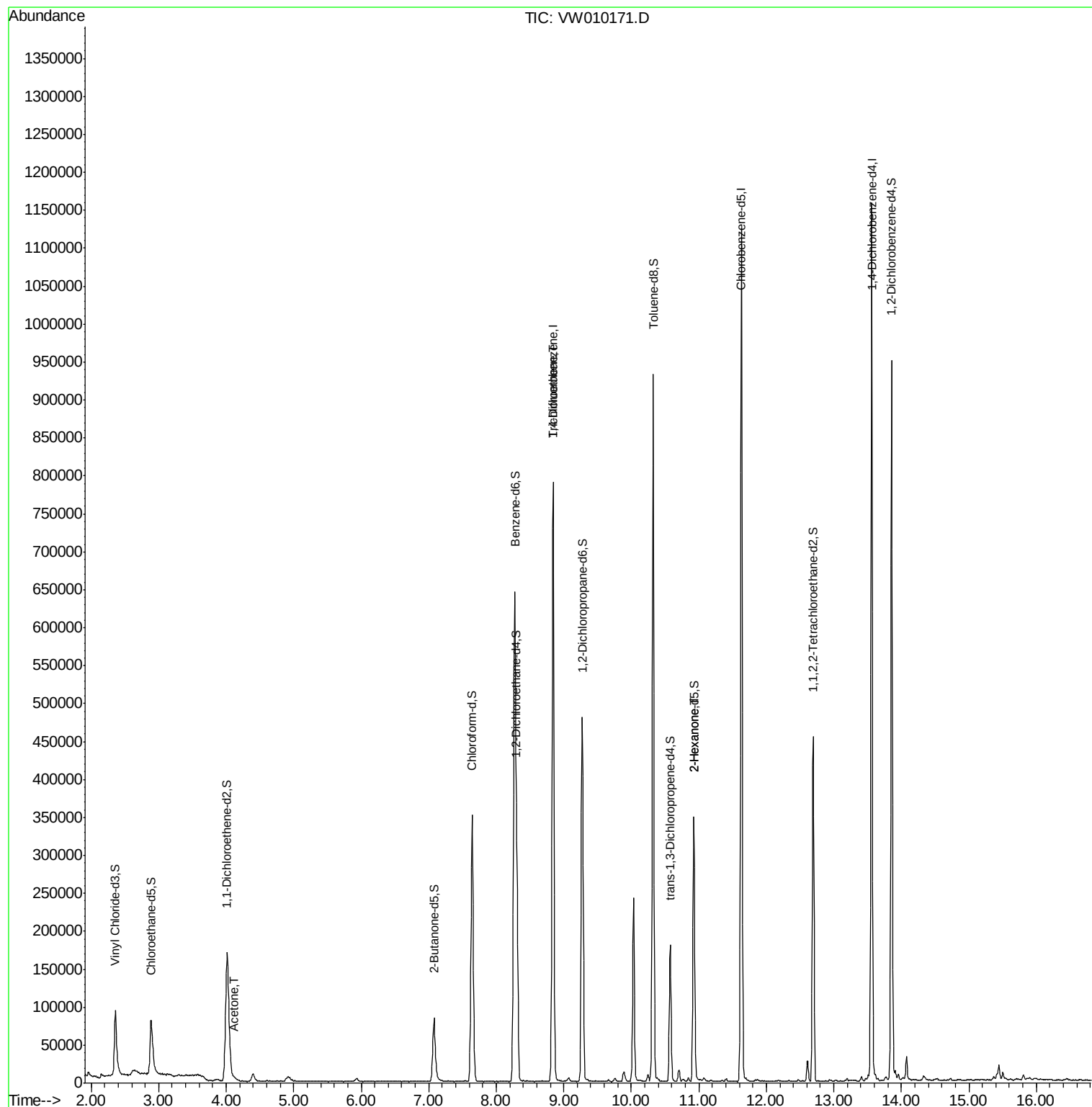
					Qvalue
13) Acetone	4.12	43	4035	1.878 ug/L	86
35) Trichloroethene	8.84	95	19445	1.918 ug/L #	5
49) 2-Hexanone	10.93	43	14359	2.658 ug/L #	67

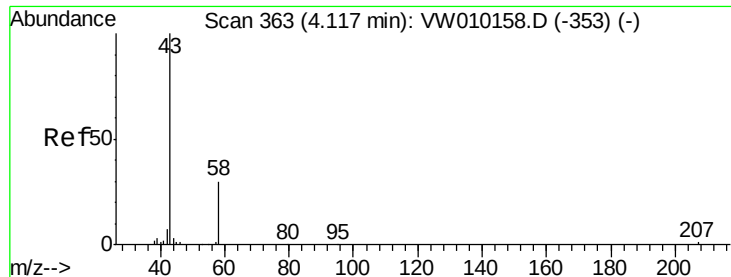
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.878 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010171.D

Acq: 27 Apr 2019 00:45

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MSVOA_W

ClientSampleId :

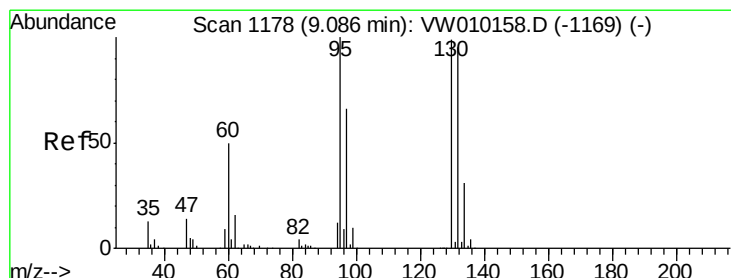
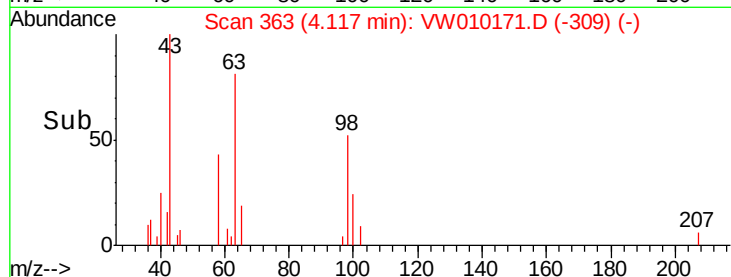
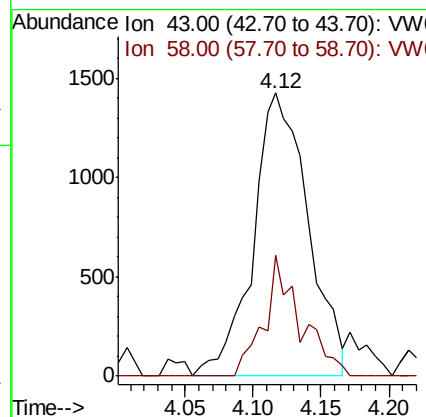
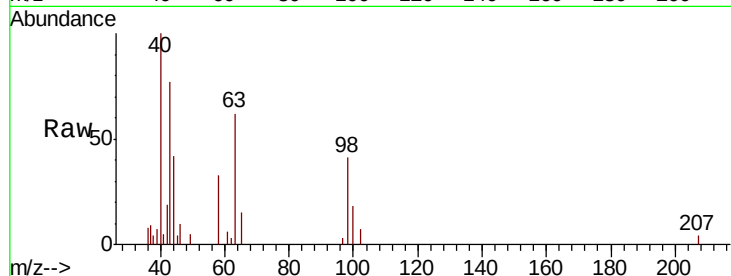
VIBLK

Tgt Ion: 43 Resp: 4035

Ion Ratio Lower Upper

43 100

58 21.6 0.0 58.2



#35

Trichloroethene

Concen: 1.918 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW010171.D

Acq: 27 Apr 2019 00:45

Tgt Ion: 95 Resp: 19445

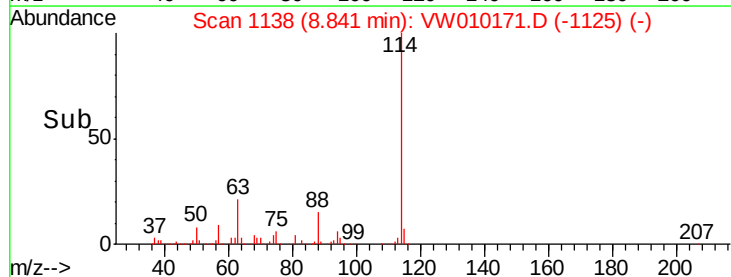
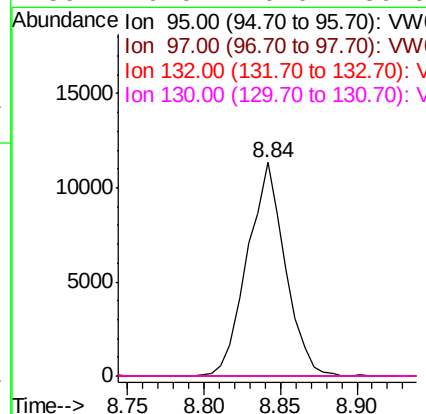
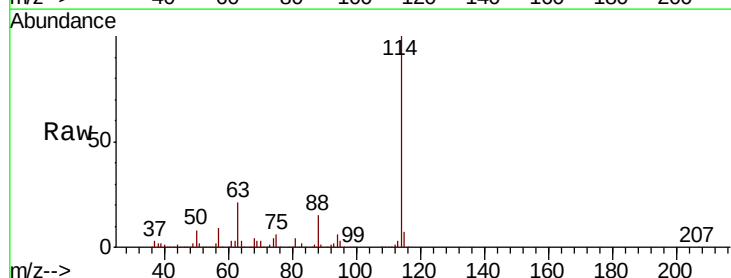
Ion Ratio Lower Upper

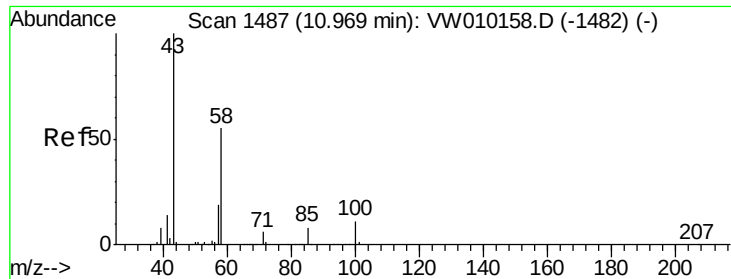
95 100

97 0.0 45.1 83.9#

132 0.4 67.2 124.8#

130 0.0 70.0 130.0#





#49

2-Hexanone

Concen: 2.658 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW010171.D

Acq: 27 Apr 2019 00:45

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

Tgt Ion: 43 Resp: 14359

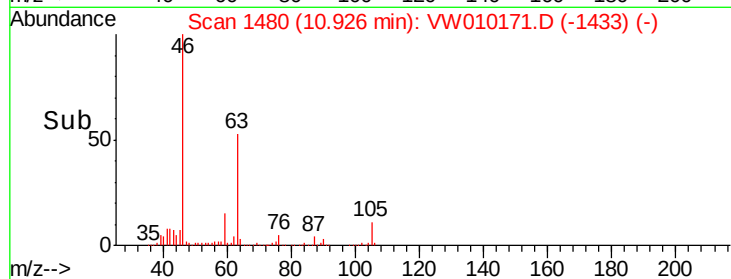
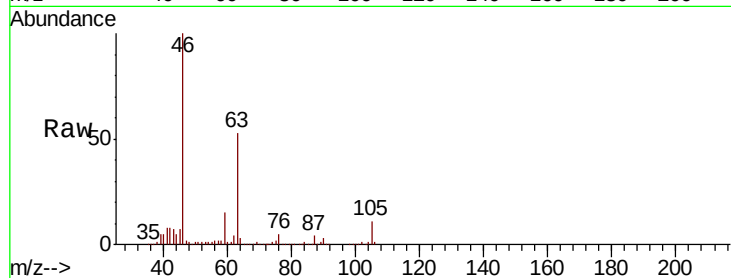
Ion Ratio Lower Upper

43 100

58 28.1 39.9 59.9#

57 35.4 14.3 21.5#

100 0.7 8.6 12.8#



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

