

Data File : VW010995.D
Acq On : 26 Jun 2019 11:01
Operator : SY/VA
Sample : VW0626SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK28

Quant Time: Jun 27 07:33:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 27 07:30:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	359718	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325683	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150732	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	106512	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.36%
7) Chloroethane-d5	2.88	69	77350	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
10) 1,1-Dichloroethene-d2	4.01	63	179116	16.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.00%
20) 2-Butanone-d5	7.07	46	106618	48.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.38%
24) Chloroform-d	7.65	84	215304	22.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	8.30	65	139211	23.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.60%
29) Benzene-d6	8.27	84	453690	23.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.80%
33) 1,2-Dichloropropane-d6	9.27	67	149536	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.56%
37) Toluene-d8	10.32	98	401014	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.92%
38) trans-1,3-Dichloropropene-	10.58	79	56873	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.56%
39) 2-Hexanone-d5	10.93	63	66986	46.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122995	23.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	135391	23.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.20%

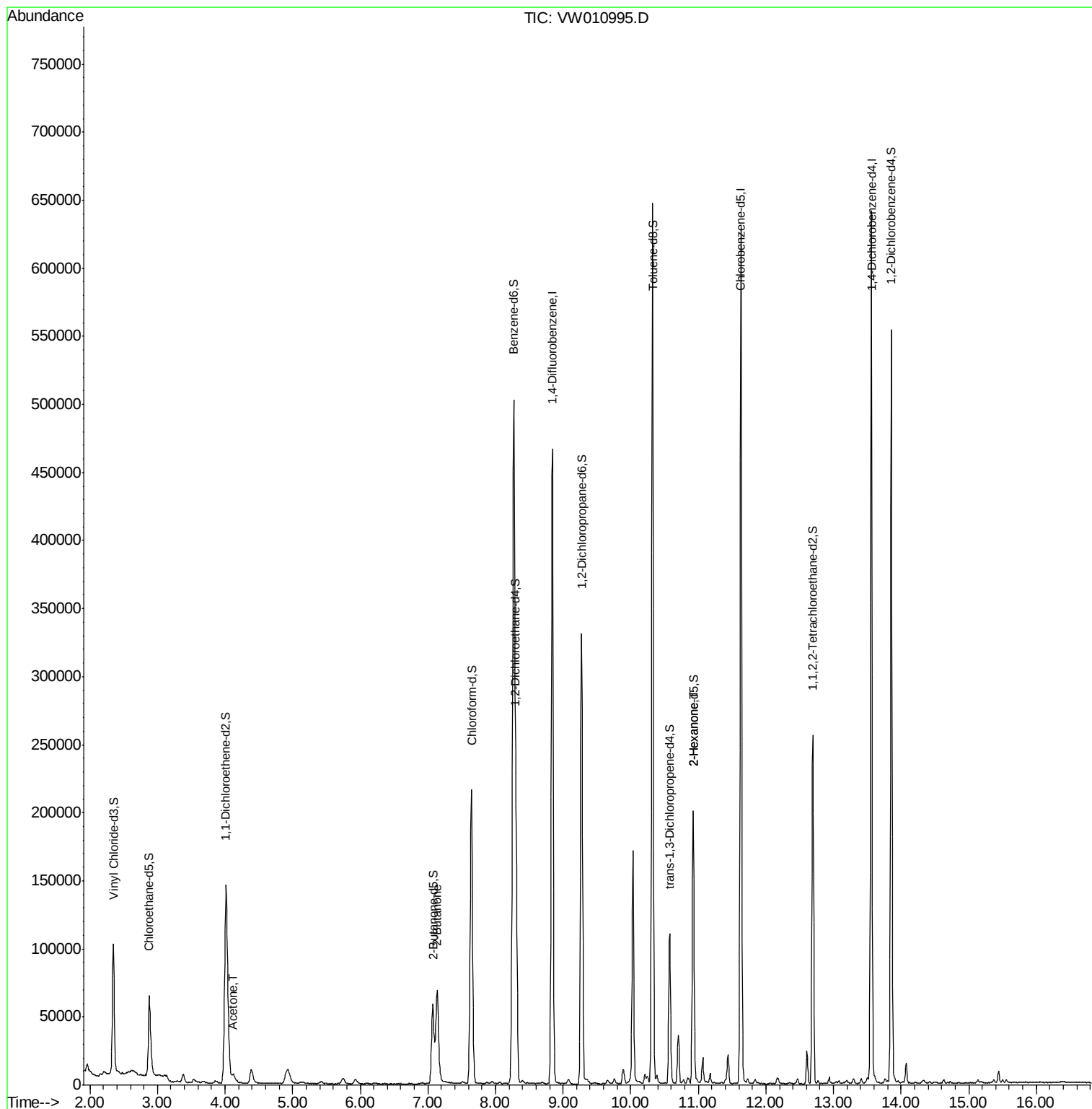
Target Compounds					Qvalue
13) Acetone	4.12	43	10161	4.846 ug/L	91
21) 2-Butanone	7.13	43	5919	2.146 ug/L #	61
49) 2-Hexanone	10.92	43	10649	2.738 ug/L #	67

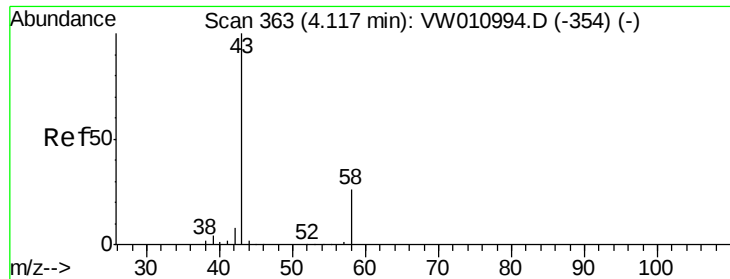
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.846 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

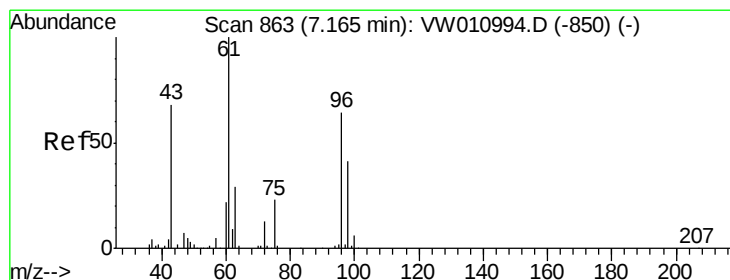
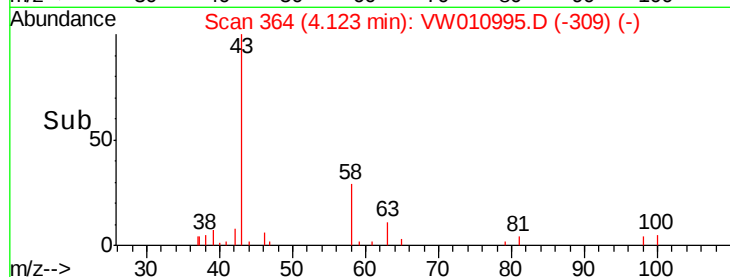
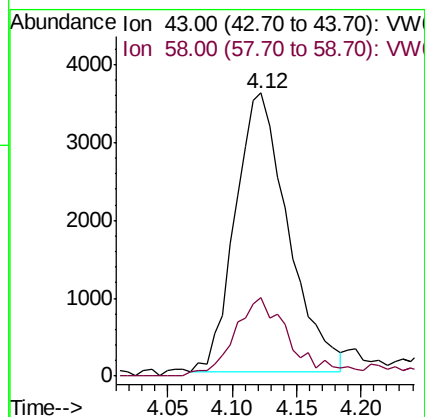
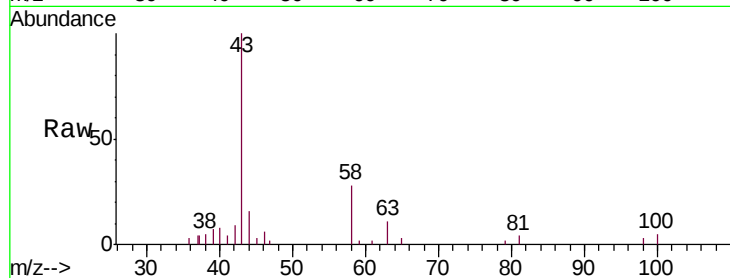
VBLK28

Tgt Ion: 43 Resp: 10161

Ion Ratio Lower Upper

43 100

58 22.2 0.0 53.2



#21

2-Butanone

Concen: 2.146 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

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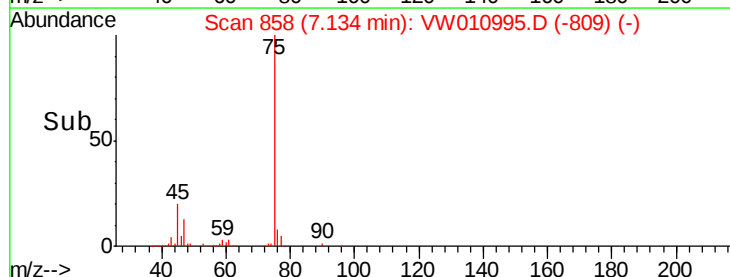
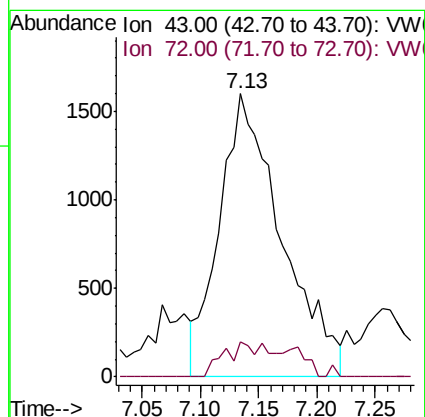
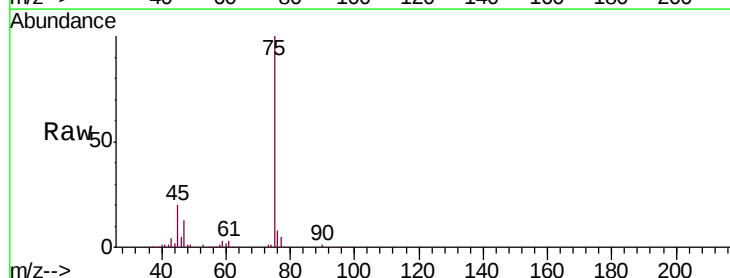
Acq: 26 Jun 2019 11:01

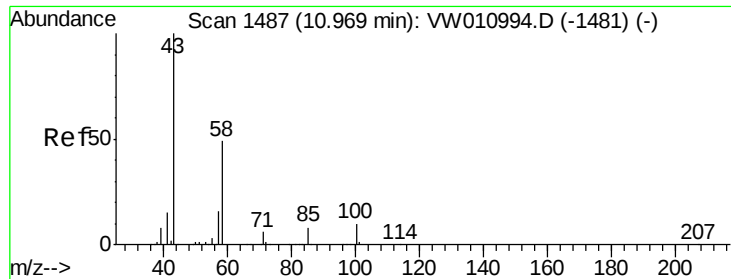
Tgt Ion: 43 Resp: 5919

Ion Ratio Lower Upper

43 100

72 3.1 10.9 32.6#





#49

2-Hexanone

Concen: 2.738 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

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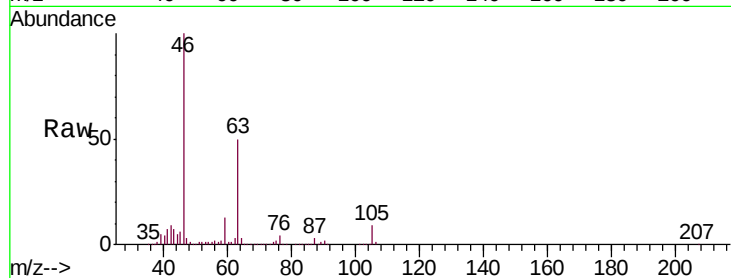
Acq: 26 Jun 2019 11:01

Instrument :

MSVOA_W

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VBLK28



Tgt Ion: 43 Resp: 10649

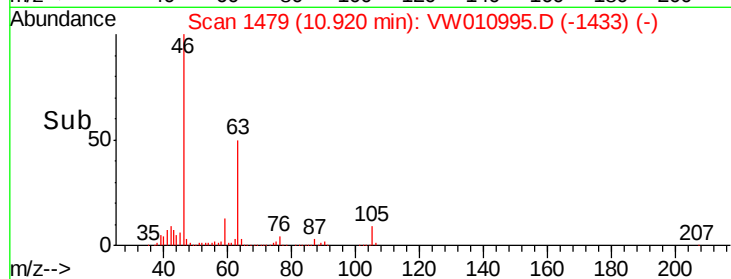
Ion Ratio Lower Upper

43 100

58 19.6 38.3 57.5#

57 22.5 13.8 20.8#

100 0.0 7.3 10.9#



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

