

Data File : VW010917.D
Acq On : 22 Jun 2019 04:38
Operator : SY/VA
Sample : K3456-02
Misc : 3.30G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANX2

Quant Time: Jun 22 06:44:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062119S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 06:38:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	298937	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	282746	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125504	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64954	17.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.12%
7) Chloroethane-d5	2.88	69	57365	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.32%
10) 1,1-Dichloroethene-d2	4.01	63	118032	14.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.00%
20) 2-Butanone-d5	7.07	46	112564	55.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.30%
24) Chloroform-d	7.64	84	186701	22.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.56%
26) 1,2-Dichloroethane-d4	8.30	65	137522	25.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.40%
29) Benzene-d6	8.27	84	378073	22.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.20%
33) 1,2-Dichloropropane-d6	9.27	67	137263	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.32%
37) Toluene-d8	10.32	98	339417	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.24%
38) trans-1,3-Dichloropropene-	10.58	79	53492	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.80%
39) 2-Hexanone-d5	10.93	63	75278	55.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127903	26.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	122194	24.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.92%

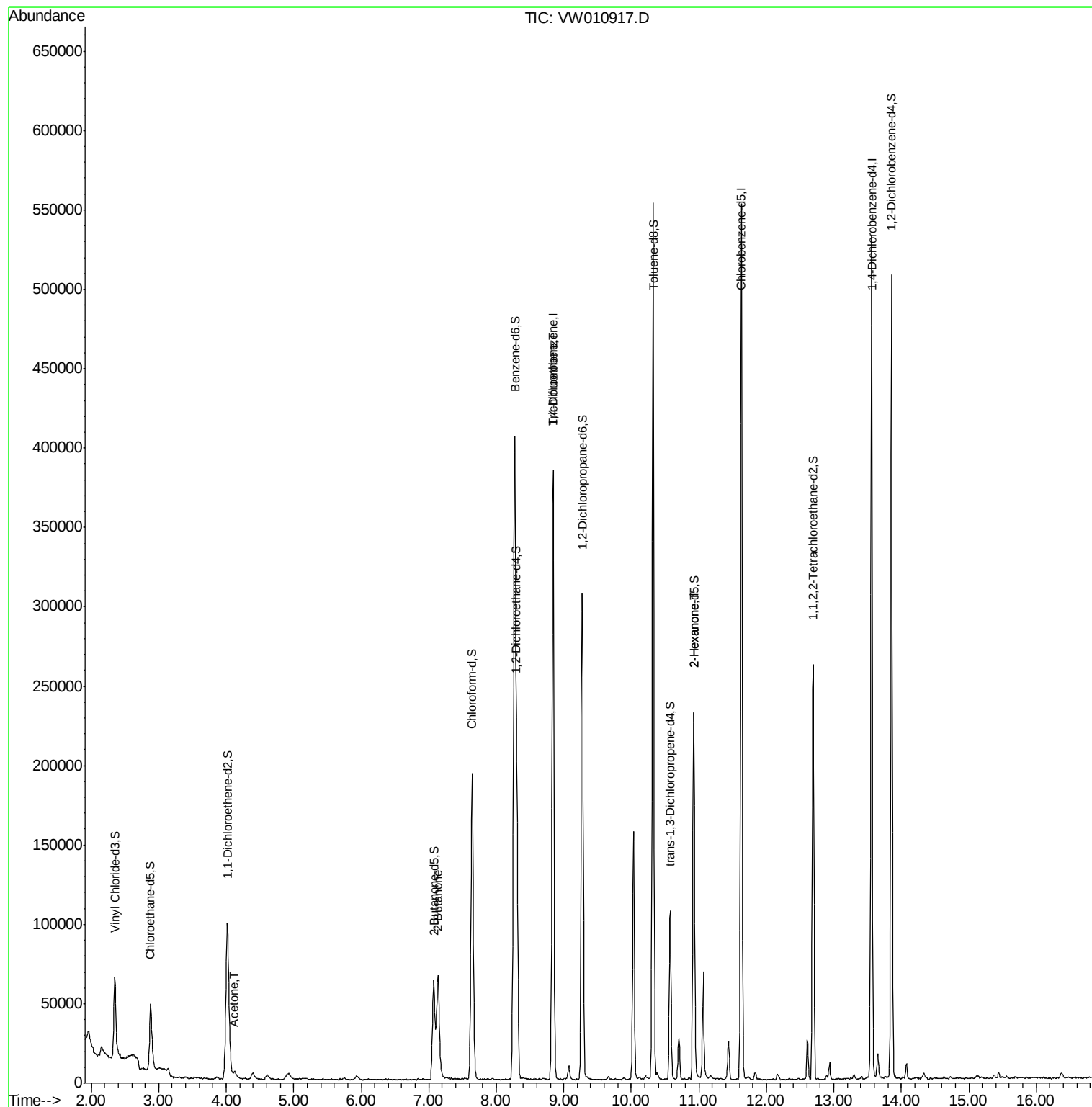
Target Compounds					Qvalue
13) Acetone	4.12	43	6951	4.512 ug/L	95
21) 2-Butanone	7.13	43	7717	3.281 ug/L #	60
35) Trichloroethene	8.84	95	9633	2.241 ug/L #	7
49) 2-Hexanone	10.92	43	12459	3.781 ug/L #	67

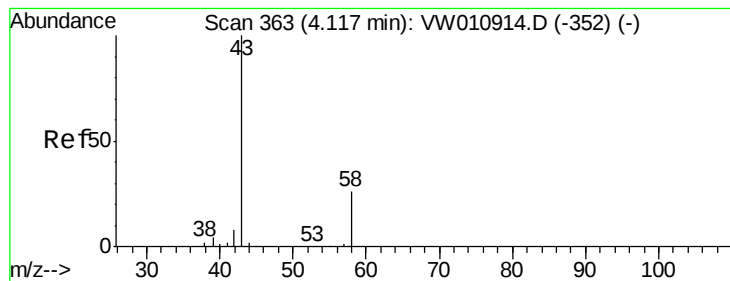
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.512 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

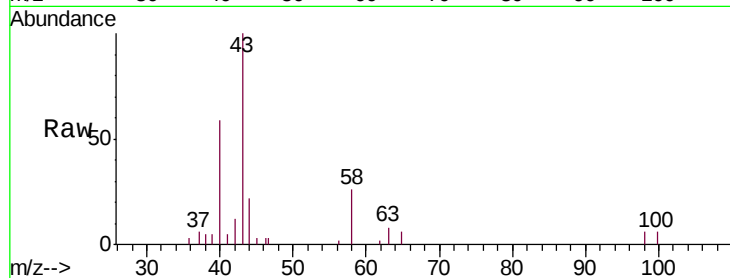
YANX2

Tgt Ion: 43 Resp: 6951

Ion Ratio Lower Upper

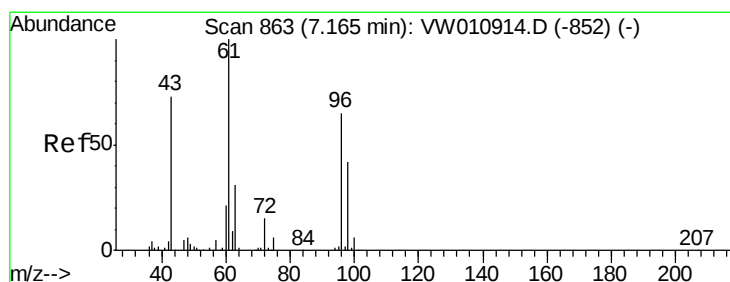
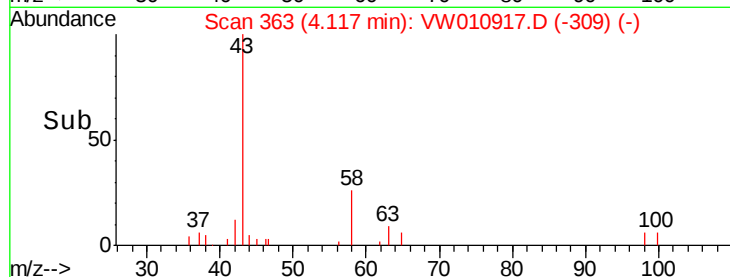
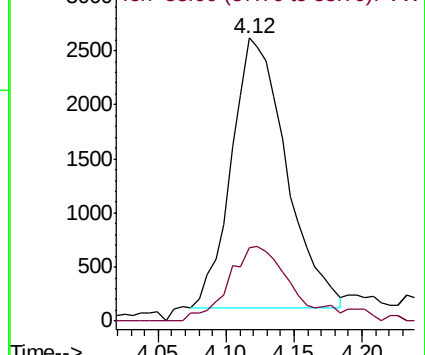
43 100

58 29.5 0.0 54.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 3.281 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

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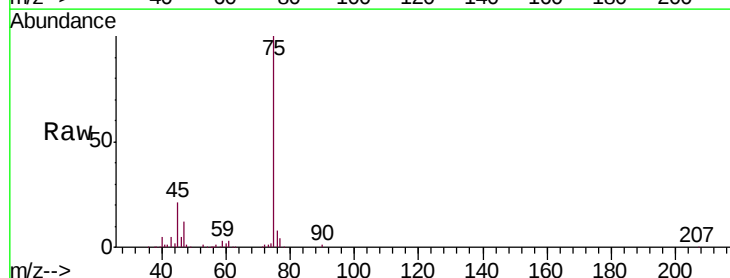
Acq: 22 Jun 2019 04:38

Tgt Ion: 43 Resp: 7717

Ion Ratio Lower Upper

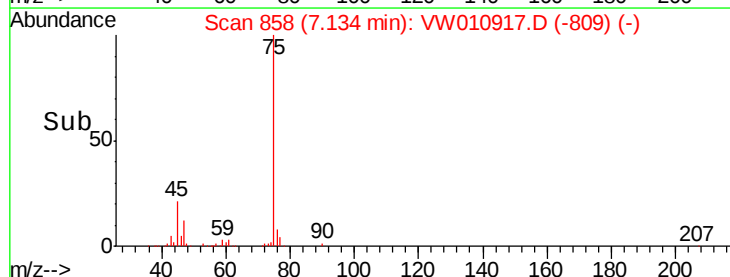
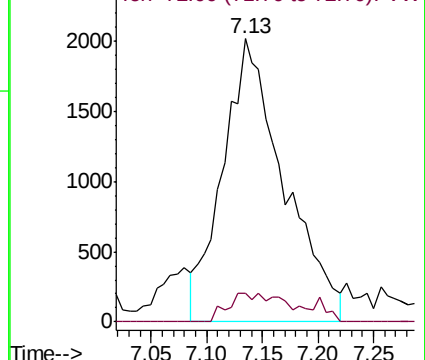
43 100

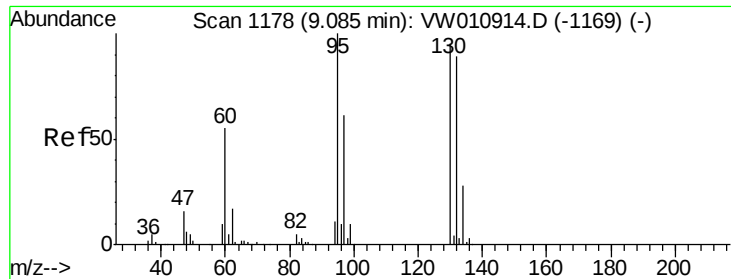
72 3.2 11.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.241 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Instrument :

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ClientSampleId :

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Tgt Ion: 95 Resp: 9633

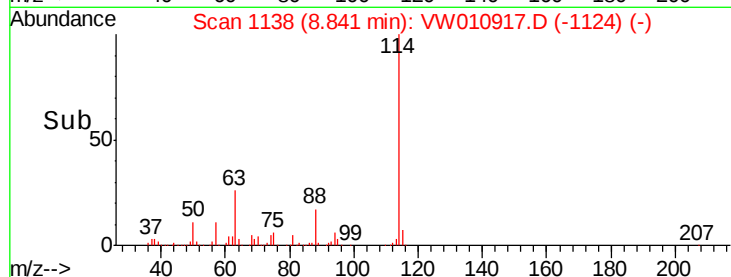
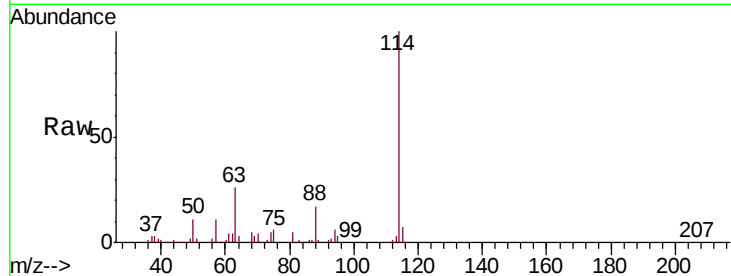
Ion Ratio Lower Upper

95 100

97 0.0 44.5 82.7#

132 0.7 63.6 118.2#

130 0.0 66.8 124.0#

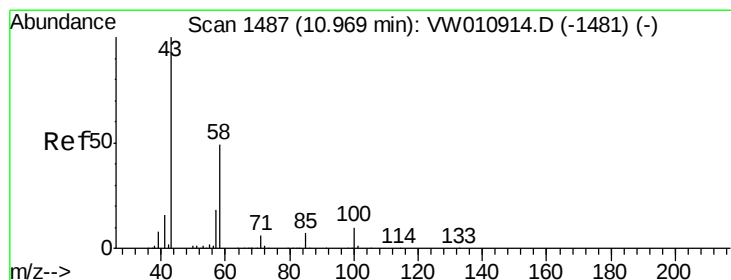
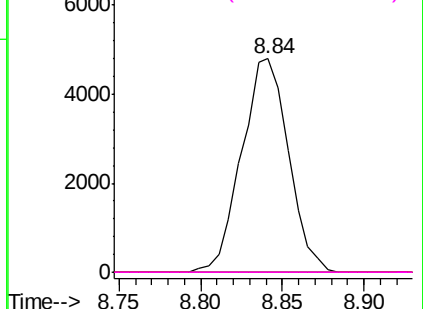


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#49

2-Hexanone

Concen: 3.781 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 12459

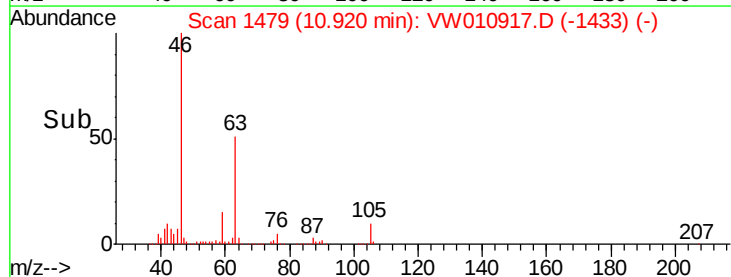
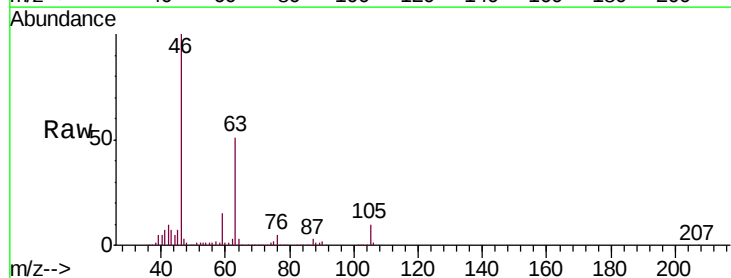
Ion Ratio Lower Upper

43 100

58 18.5 38.2 57.2#

57 19.6 13.5 20.3

100 0.0 7.4 11.0#



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

