

Data File : VW010985.D
Acq On : 25 Jun 2019 23:30
Operator : SY/VA
Sample : K3460-13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANW7

Quant Time: Jun 26 04:41:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 04:33:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	319643	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	276742	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	107087	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	87077	21.02	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.08%
7) Chloroethane-d5	2.88	69	67166	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.12%
10) 1,1-Dichloroethene-d2	4.01	63	148760	15.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.76%
20) 2-Butanone-d5	7.07	46	94921	48.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.58%
24) Chloroform-d	7.65	84	210598	24.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	8.45	65	75	0.01	ug/L	0.14
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	426385	25.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.64%
33) 1,2-Dichloropropane-d6	9.27	67	149879	27.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.20%
37) Toluene-d8	10.32	98	367902	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.16%
38) trans-1,3-Dichloropropene-	10.58	79	54209	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.24%
39) 2-Hexanone-d5	10.93	63	67095	54.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125407	27.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	105666	26.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.56%

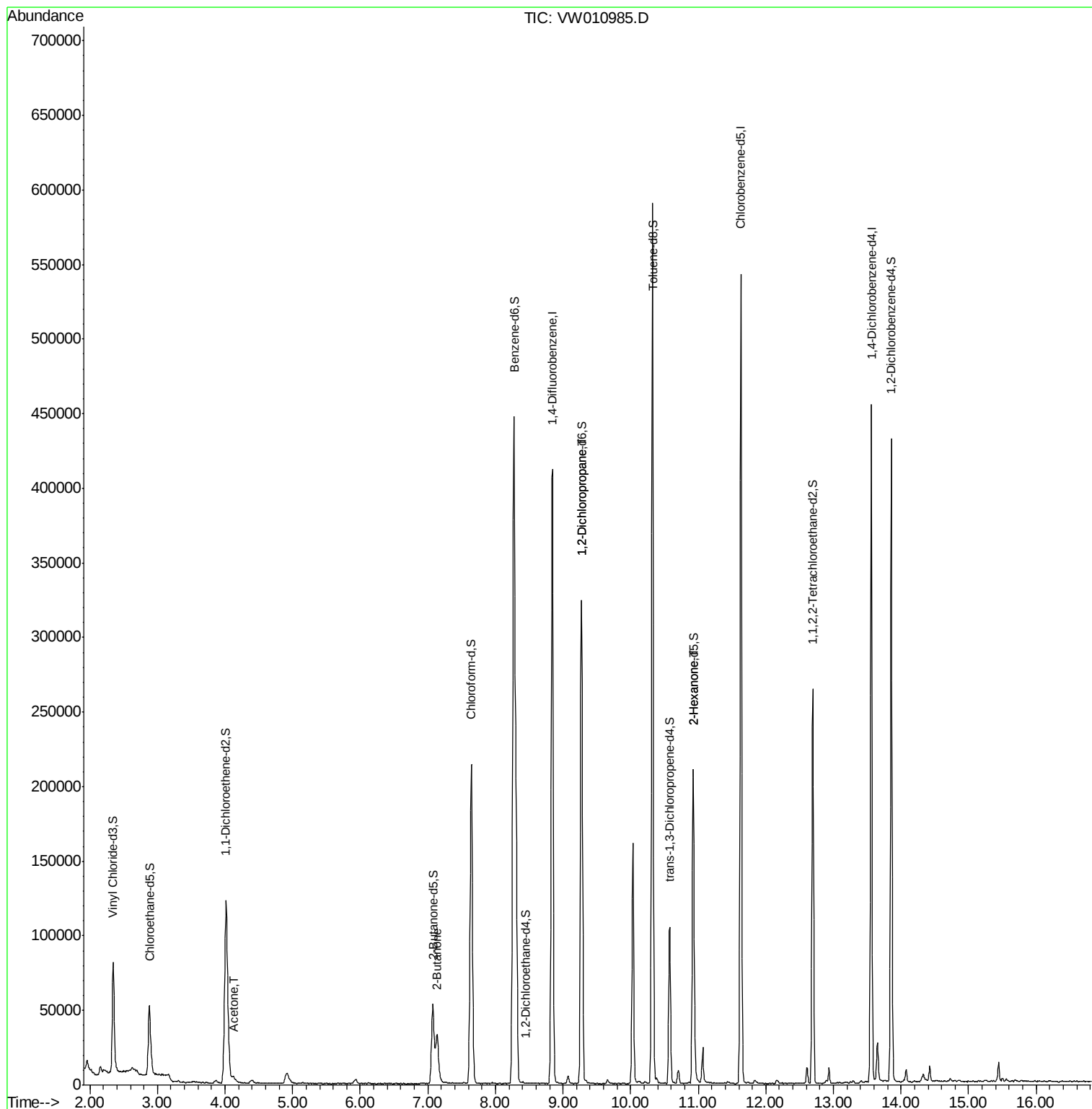
Target Compounds					Qvalue
13) Acetone	4.12	43	6402	3.436 ug/L	83
21) 2-Butanone	7.13	43	12919	5.272 ug/L #	58
40) 1,2-Dichloropropane	9.27	63	17287	3.454 ug/L #	88
49) 2-Hexanone	10.93	43	9357	2.832 ug/L #	67

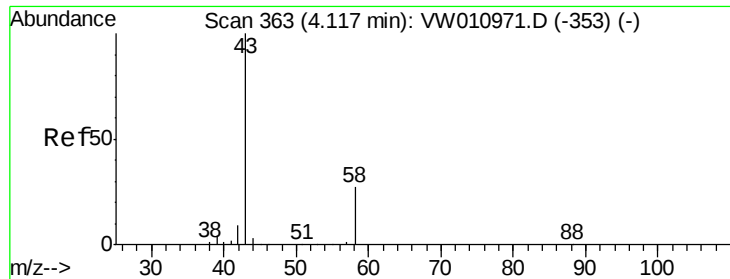
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.436 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

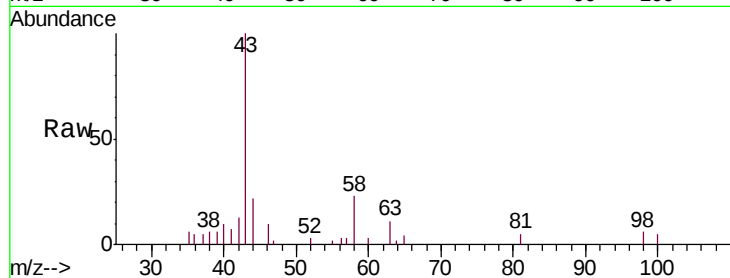
YANW7

Tgt Ion: 43 Resp: 6402

Ion Ratio Lower Upper

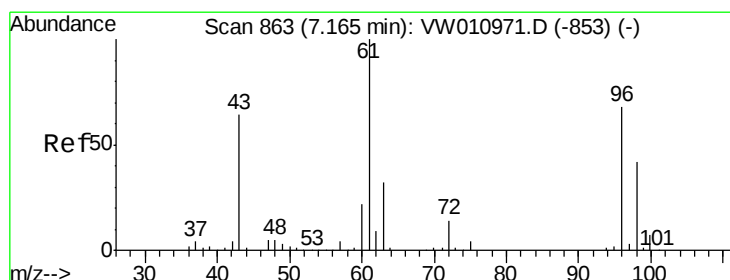
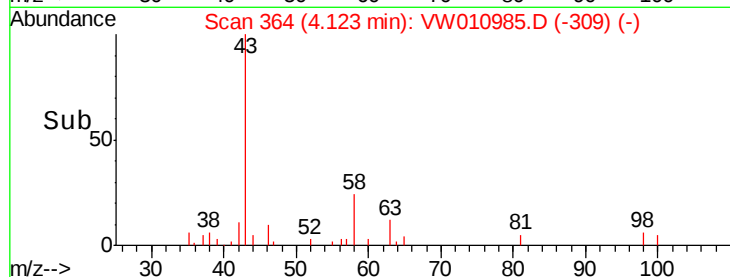
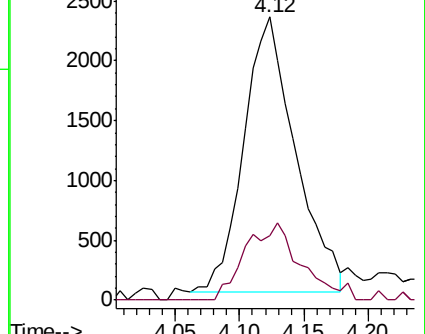
43 100

58 17.8 0.0 53.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 5.272 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

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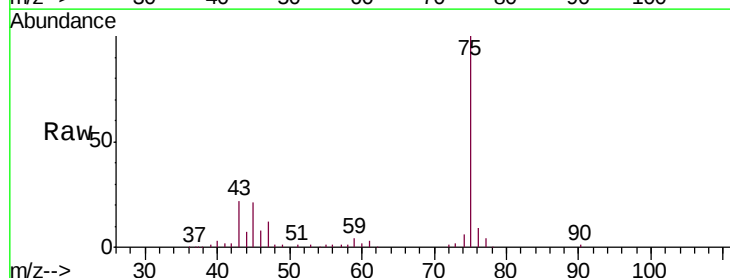
Acq: 25 Jun 2019 23:30

Tgt Ion: 43 Resp: 12919

Ion Ratio Lower Upper

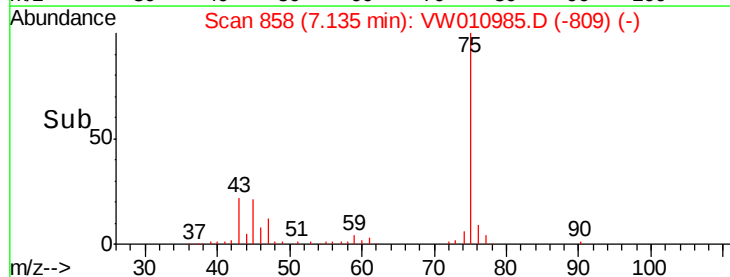
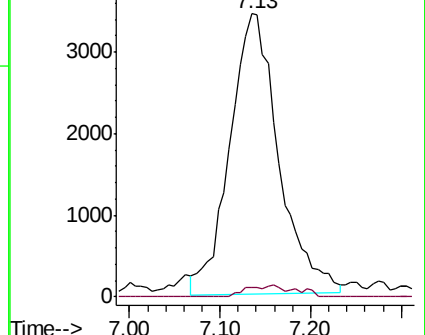
43 100

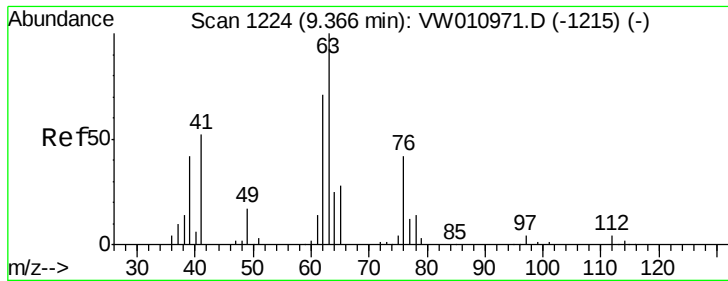
72 1.6 10.9 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

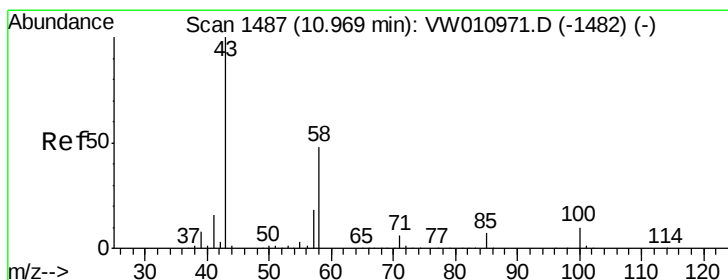
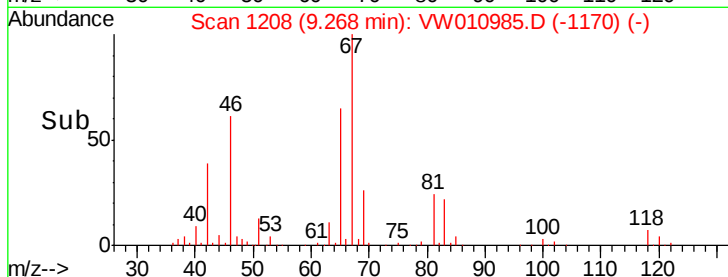
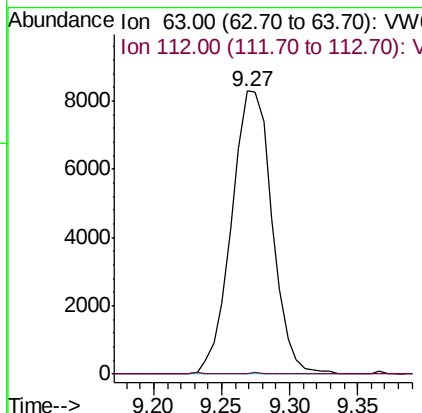
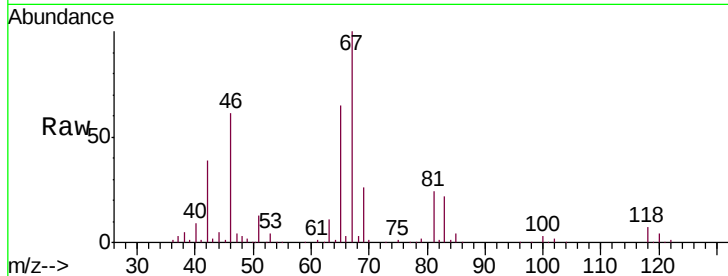




#40
 1,2-Dichloropropane
 Concen: 3.454 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
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Tgt Ion: 63 Resp: 17287
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#49
 2-Hexanone
 Concen: 2.832 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW010985.D
 Acq: 25 Jun 2019 23:30

Tgt Ion: 43 Resp: 9357
 Ion Ratio Lower Upper
 43 100
 58 22.6 38.3 57.5#
 57 27.1 13.8 20.8#
 100 0.0 7.3 10.9#

