

Data File : VW009911.D
Acq On : 11 Apr 2019 13:33
Operator : SY/VA
Sample : K2304-07
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF892

Quant Time: Apr 12 02:06:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	295751	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	228239	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	53933	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	77962	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.56%
7) Chloroethane-d5	2.90	69	77507	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.44%
10) 1,1-Dichloroethene-d2	4.02	63	151839	18.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.96%
20) 2-Butanone-d5	7.08	46	27685	22.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.06%
24) Chloroform-d	7.65	84	237174	29.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.56%
26) 1,2-Dichloroethane-d4	8.45	65	52	0.01	ug/L	0.14
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	397013	33.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	132.56%
33) 1,2-Dichloropropane-d6	9.27	67	139583	37.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	150.88%#
37) Toluene-d8	10.32	98	287235	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.72%
38) trans-1,3-Dichloropropene-	10.57	79	29881	16.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.72%
39) 2-Hexanone-d5	10.92	63	15291	21.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118998	34.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.36%#
61) 1,2-Dichlorobenzene-d4	13.86	152	55239	29.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.76%

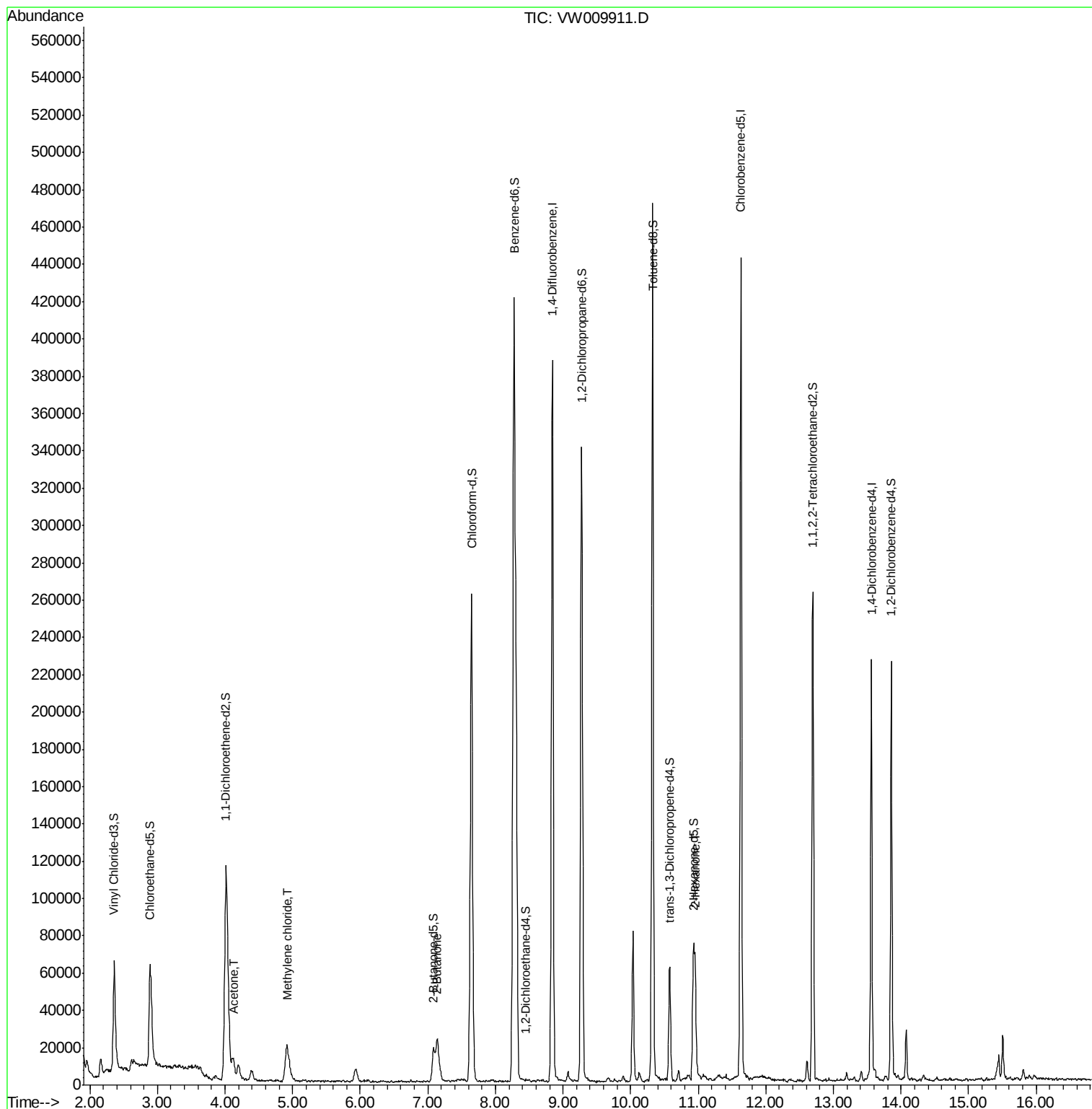
Target Compounds					Qvalue
13) Acetone	4.12	43	16553	12.295 ug/L	95
16) Methylene chloride	4.92	84	17199	3.297 ug/L	93
21) 2-Butanone	7.14	43	37826	22.091 ug/L #	52
49) 2-Hexanone	10.96	43	37807	18.595 ug/L #	54

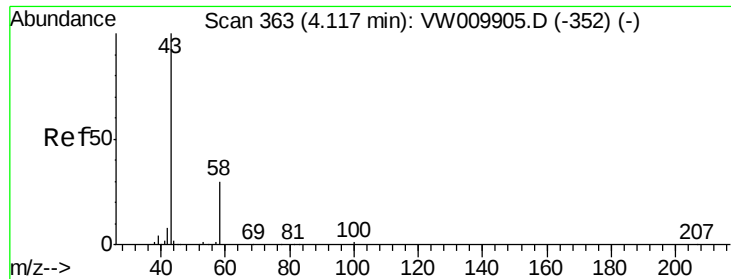
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.295 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Acq: 11 Apr 2019 13:33

Instrument :

MSVOA_W

ClientSampled :

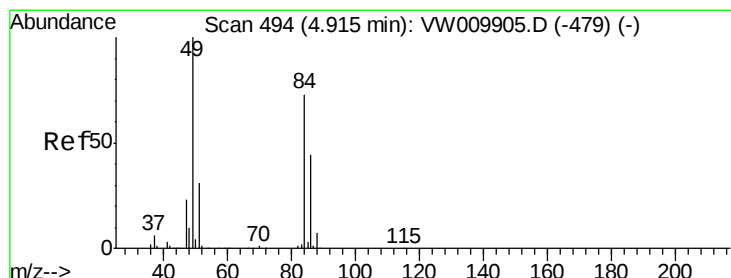
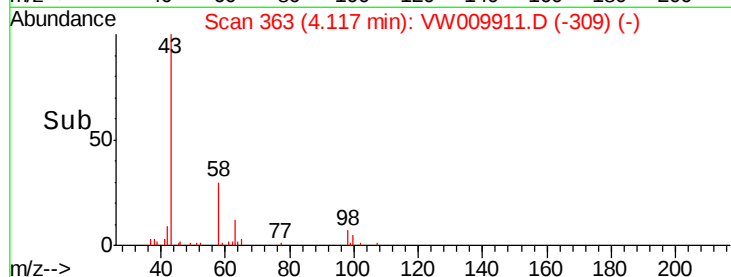
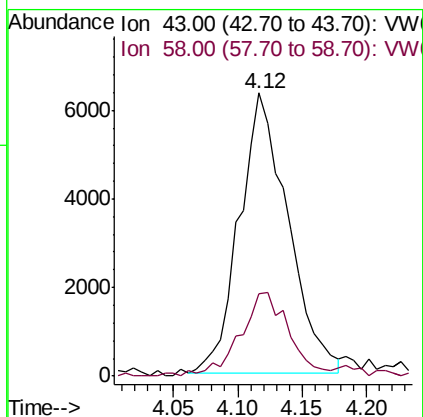
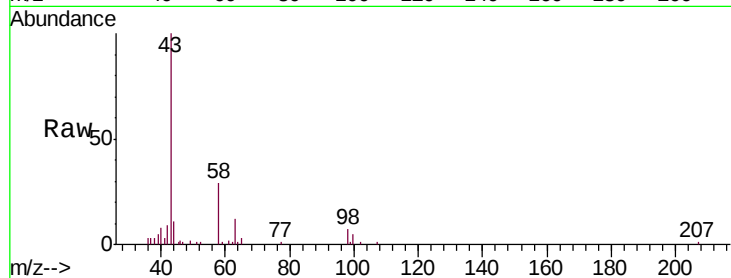
BF892

Tgt Ion: 43 Resp: 16553

Ion Ratio Lower Upper

43 100

58 29.3 0.0 53.0



#16

Methylene chloride

Concen: 3.297 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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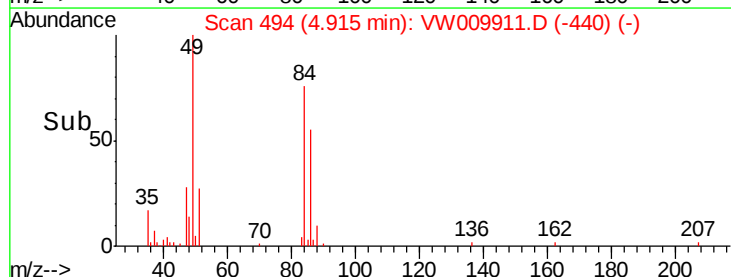
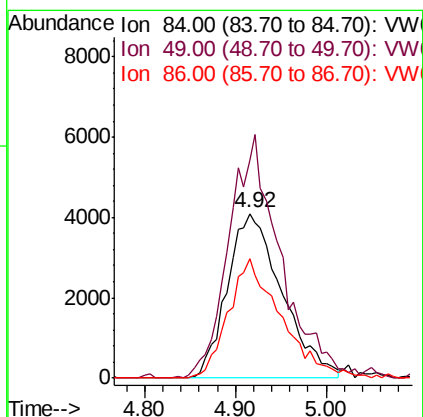
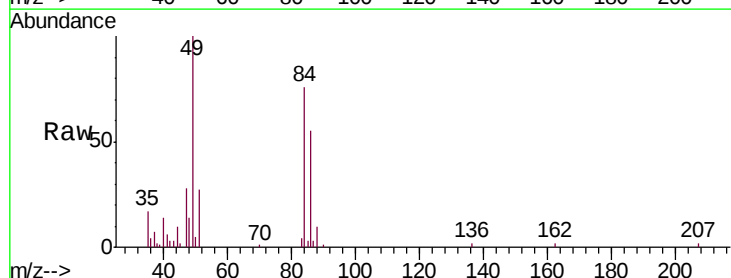
Tgt Ion: 84 Resp: 17199

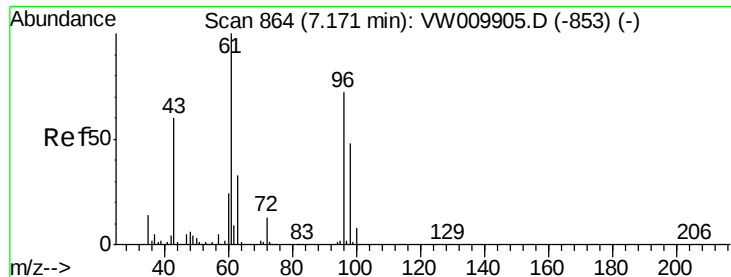
Ion Ratio Lower Upper

84 100

49 132.3 98.3 182.5

86 72.7 46.4 86.2





#21

2-Butanone

Concen: 22.091 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

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Acq: 11 Apr 2019 13:33

Instrument :

MSVOA_W

ClientSampleId :

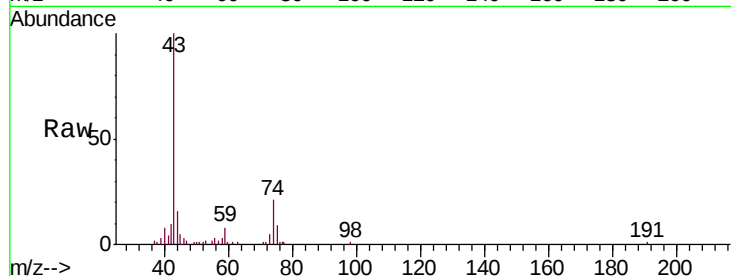
BF892

Tgt Ion: 43 Resp: 37826

Ion Ratio Lower Upper

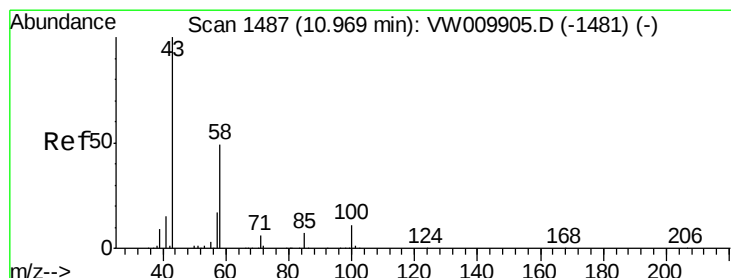
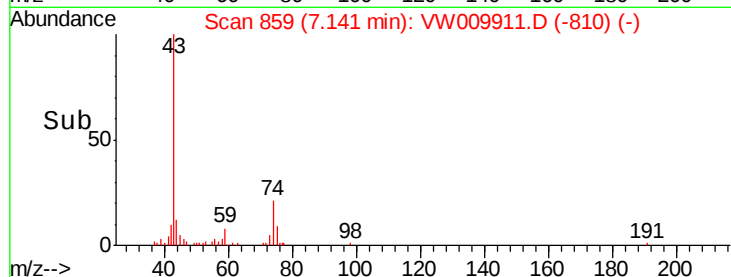
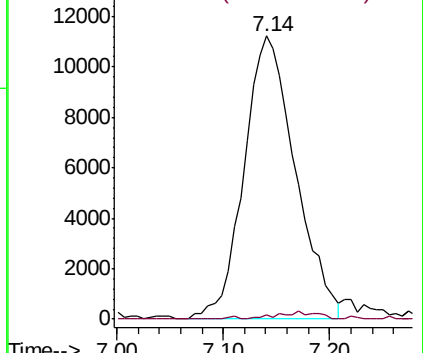
43 100

72 0.4 12.0 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#49

2-Hexanone

Concen: 18.595 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

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Tgt Ion: 43 Resp: 37807

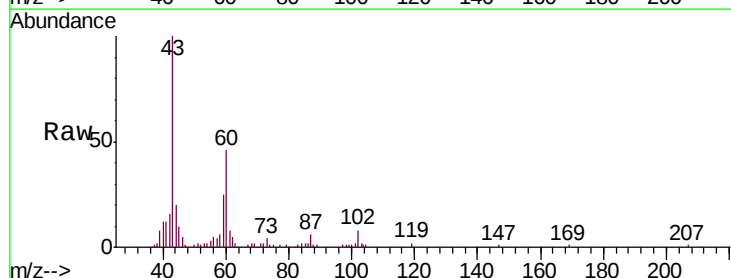
Ion Ratio Lower Upper

43 100

58 10.4 38.9 58.3#

57 3.7 13.8 20.6#

100 0.7 8.6 13.0#



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

