

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103019\
 Data File : VW013831.D
 Acq On : 30 Oct 2019 12:27
 Operator : SY/VA
 Sample : K5565-08RE
 Misc : 2.84G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLNA7RE

Quant Time: Oct 31 05:32:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	287757	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	187067	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48355	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105454	29.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.48%
7) Chloroethane-d5	2.89	69	86594	26.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.12%
10) 1,1-Dichloroethene-d2	4.02	63	159292	20.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.72%
20) 2-Butanone-d5	7.07	46	55514	43.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.92%
24) Chloroform-d	7.65	84	212440	26.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.52%
26) 1,2-Dichloroethane-d4	8.31	65	104097	24.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.88%
29) Benzene-d6	8.27	84	436693	38.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	155.40%#
33) 1,2-Dichloropropane-d6	9.27	67	129359	38.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.16%#
37) Toluene-d8	10.32	98	337884	32.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	130.40%#
38) trans-1,3-Dichloropropene-	10.58	79	42564	28.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.44%
39) 2-Hexanone-d5	10.93	63	38345	59.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54214	19.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	38733	22.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.68%

Target Compounds

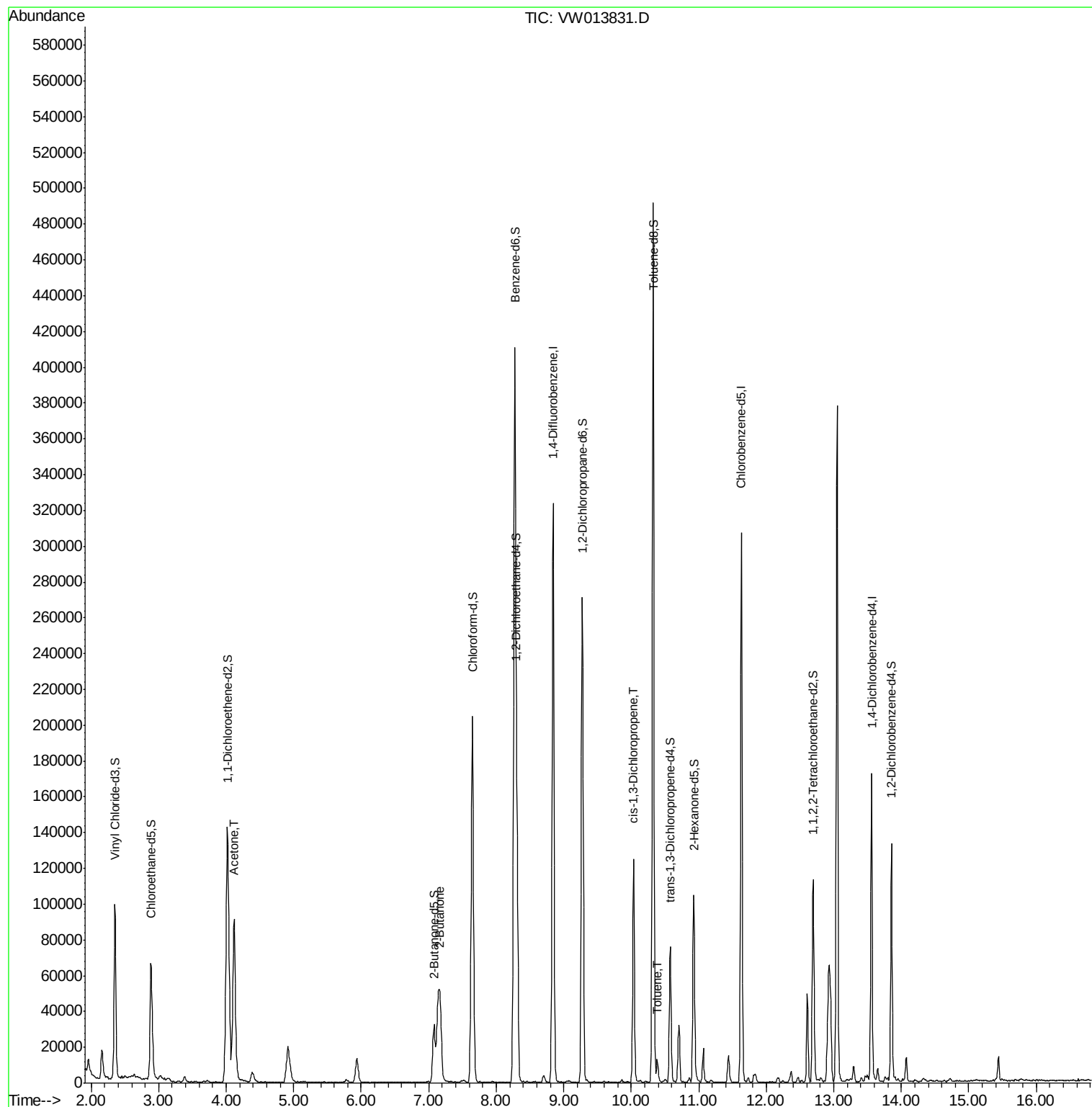
					Ovalue
13) Acetone	4.12	43	156869	111.930 ug/L	95
21) 2-Butanone	7.17	43	65753	36.951 ug/L	98
42) cis-1,3-Dichloropropene	10.02	75	3232	0.624 ug/L	97
44) Toluene	10.38	91	9747	0.676 ug/L	94

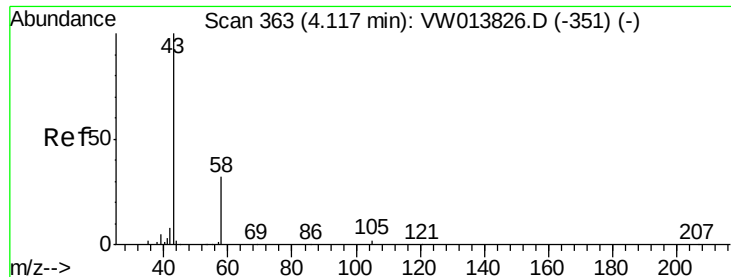
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 111.930 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW013831.D

Acq: 30 Oct 2019 12:27

Instrument :

MSVOA_W

ClientSampleId :

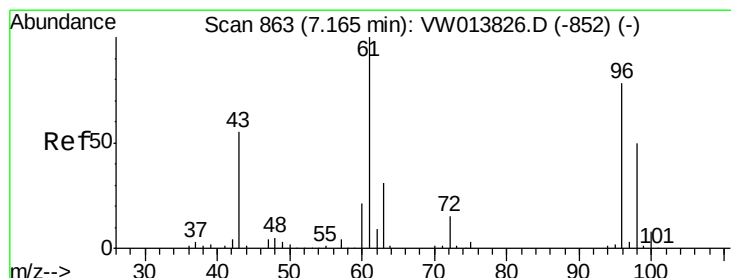
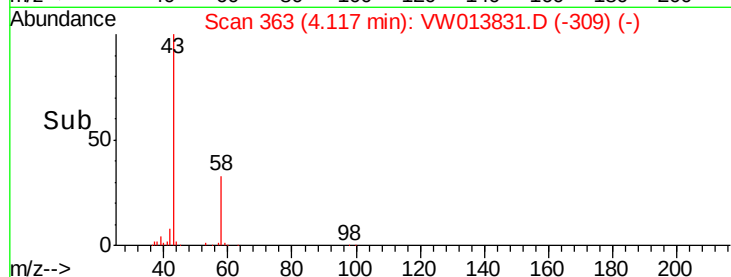
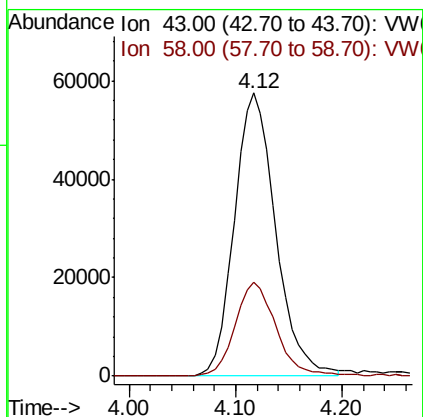
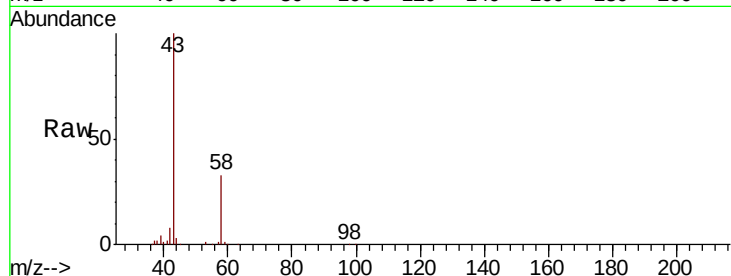
JLNA7RE

Tot Ion: 43 Resp: 156869

Ion Ratio Lower Upper

43 100

58 32.5 0.0 70.4



#21

2-Butanone

Concen: 36.951 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

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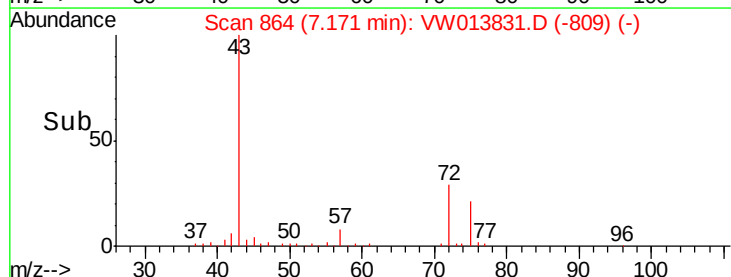
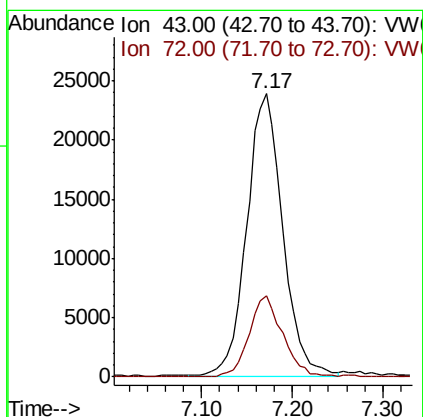
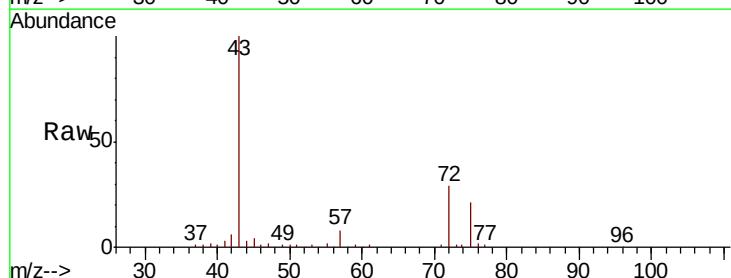
Acq: 30 Oct 2019 12:27

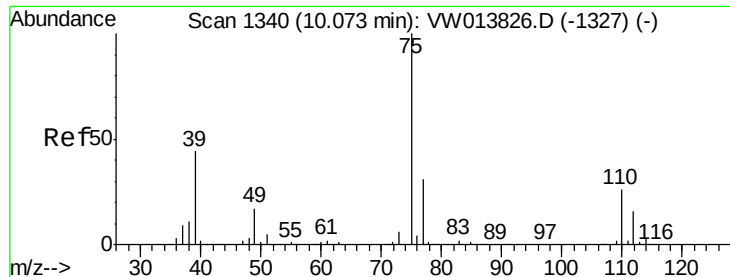
Tgt Ion: 43 Resp: 65753

Ion Ratio Lower Upper

43 100

72 26.2 13.7 41.1





#42

cis-1,3-Dichloropropene

Concen: 0.624 ug/L

RT: 10.02 min Scan# 1332

Delta R.T. -0.05 min

Lab File: VW013831.D

Acq: 30 Oct 2019 12:27

Instrument :

MSVOA_W

ClientSampleId :

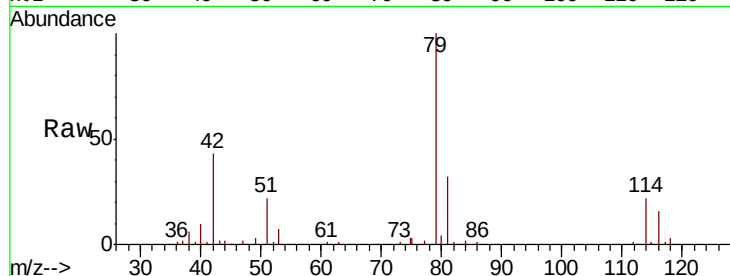
JLNA7RE

Tot Ion: 75 Resp: 3232

Ion Ratio Lower Upper

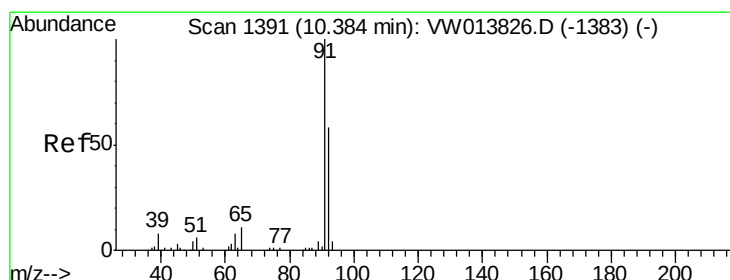
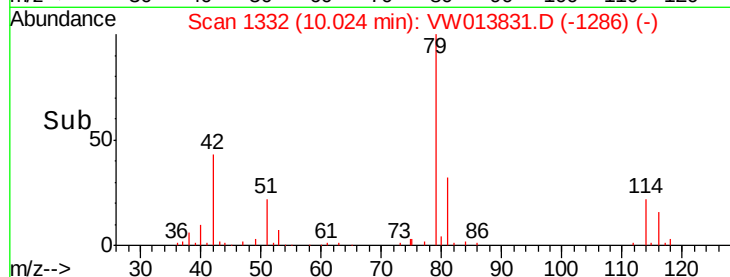
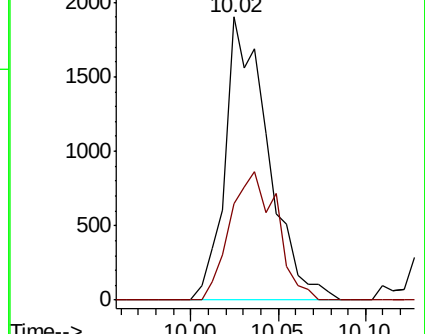
75 100

77 34.1 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 0.676 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013831.D

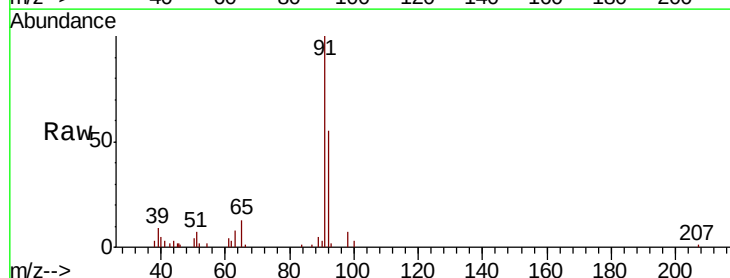
Acq: 30 Oct 2019 12:27

Tgt Ion: 91 Resp: 9747

Ion Ratio Lower Upper

91 100

92 55.4 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

