

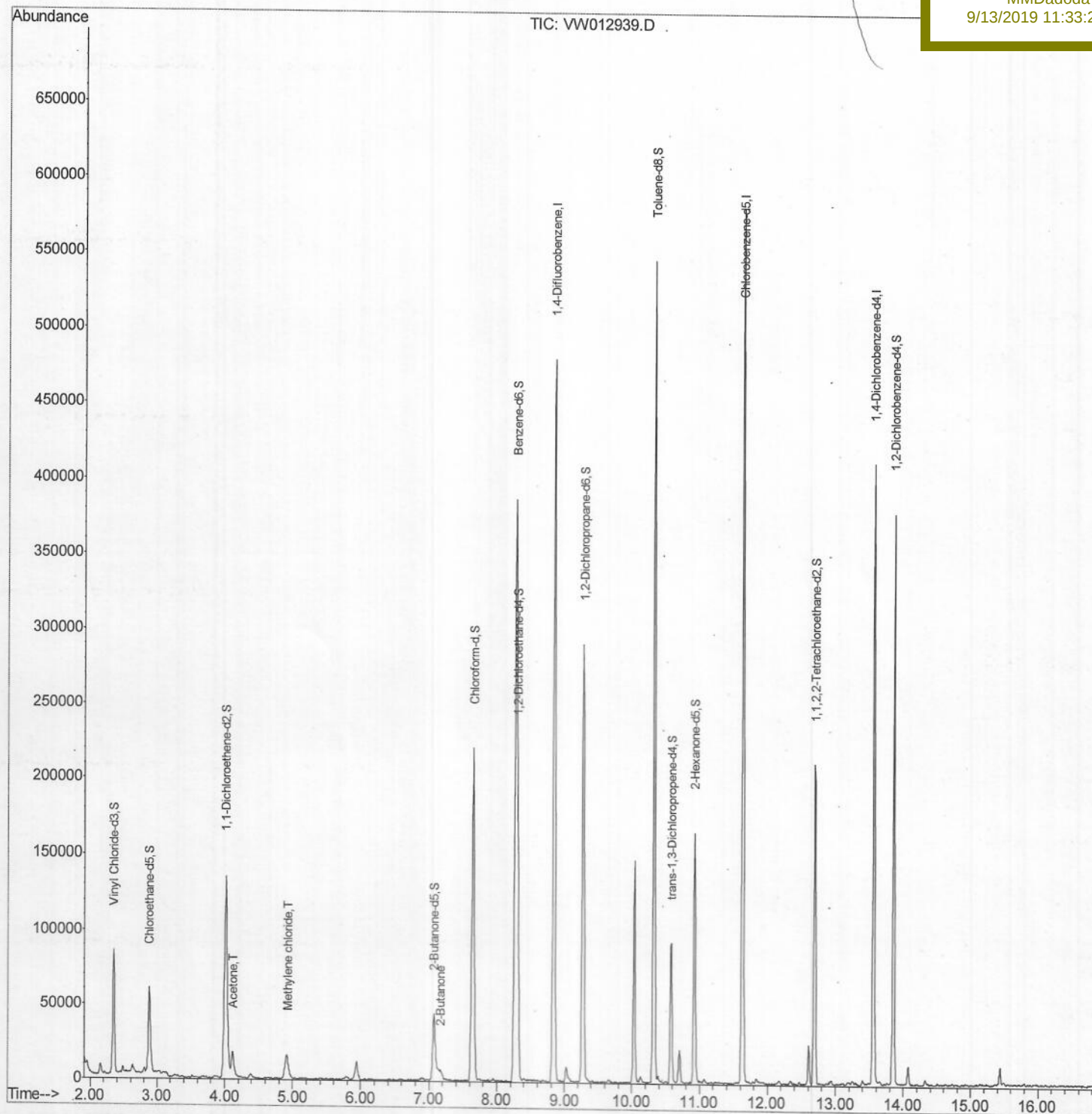
Data File : VW012939.D
Acq On : 12 Sep 2019 17:40
Operator : SY/VA
Sample : K4811-05
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 03:47:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 13 02:47:59 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
ETOG4

Manual Integrations
APPROVED

MMDadoda
9/13/2019 11:33:27 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\
Quantitation Report (Qedit)

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Acq On : 12 Sep 2019 17:40

Operator : SY/VA

Sample : K4811-05

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ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 13 02:51:46 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M

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ClientSampleId :

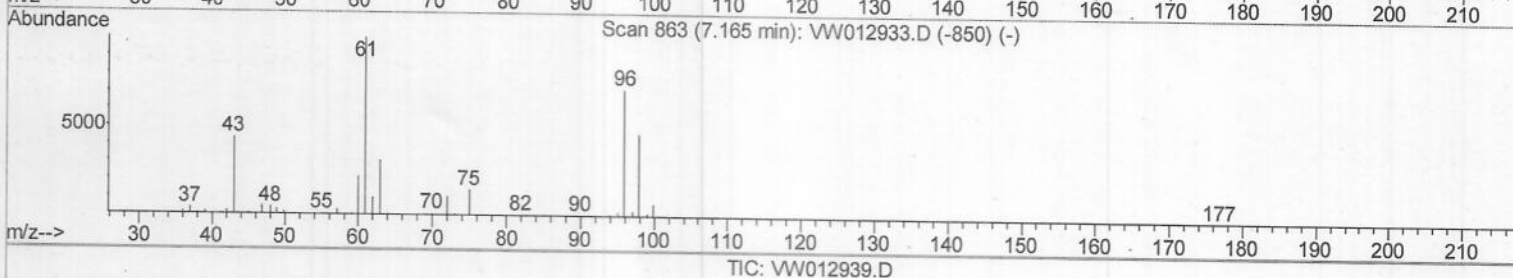
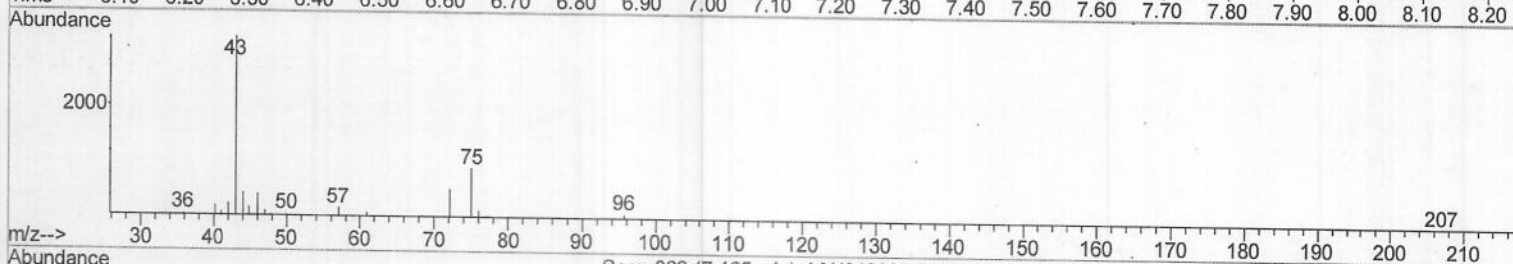
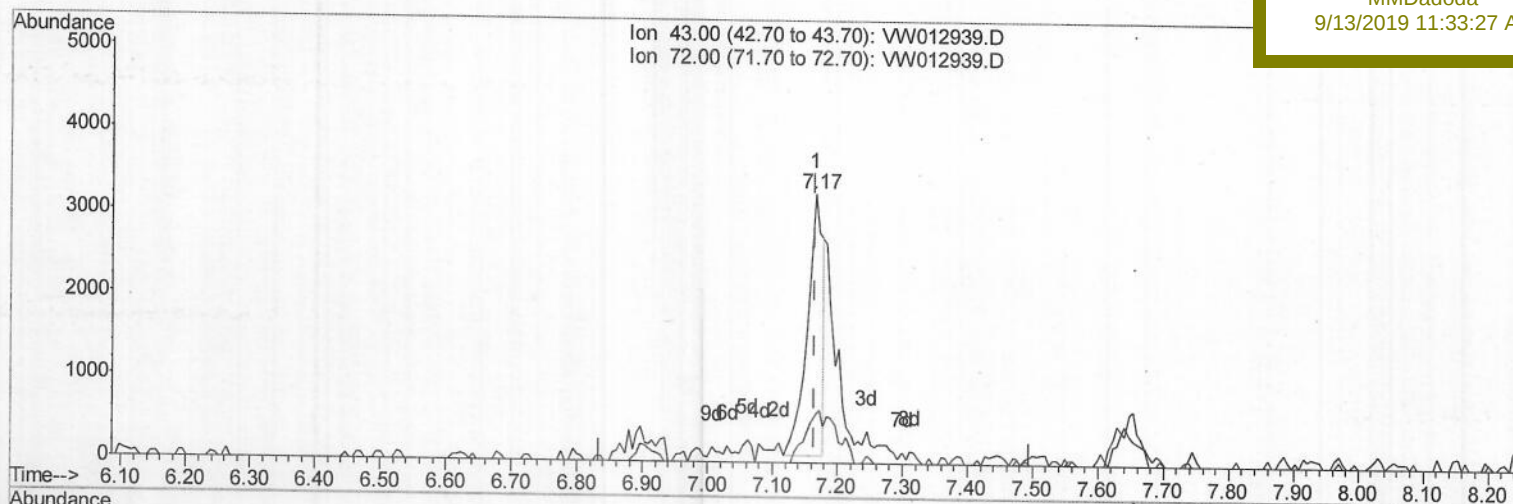
ETOG4

Manual Integrations

APPROVED

MMDadoda

9/13/2019 11:33:27 AM



(21) 2-Butanone

7.165min (+0.000) 3.18ug/L

response 5273

Ion	Exp%	Act%
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43.00	100	100
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72.00	25.40	21.77
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0.00	0.00	0.00
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0.00	0.00	0.00
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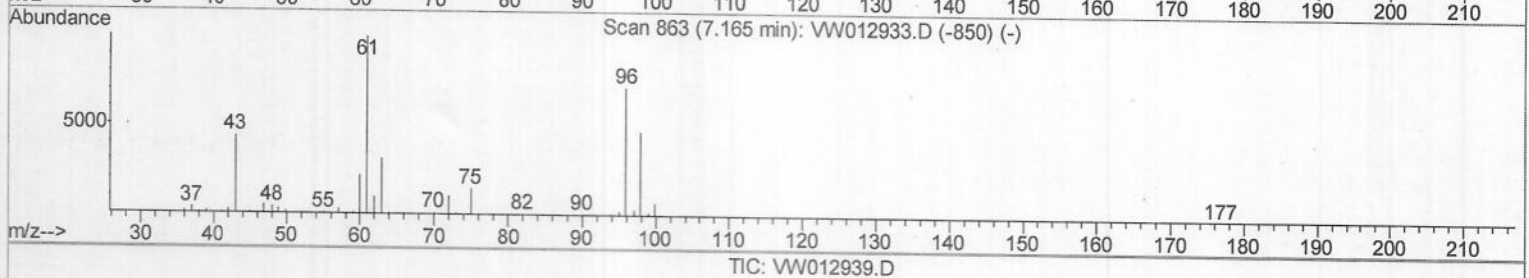
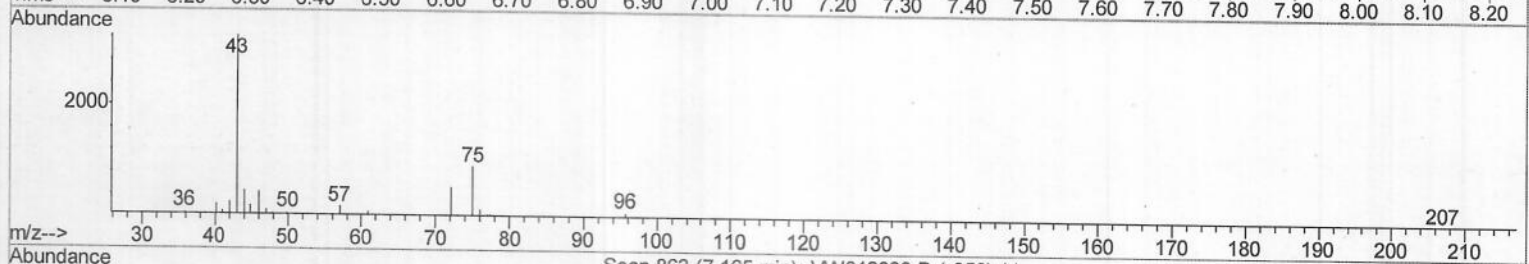
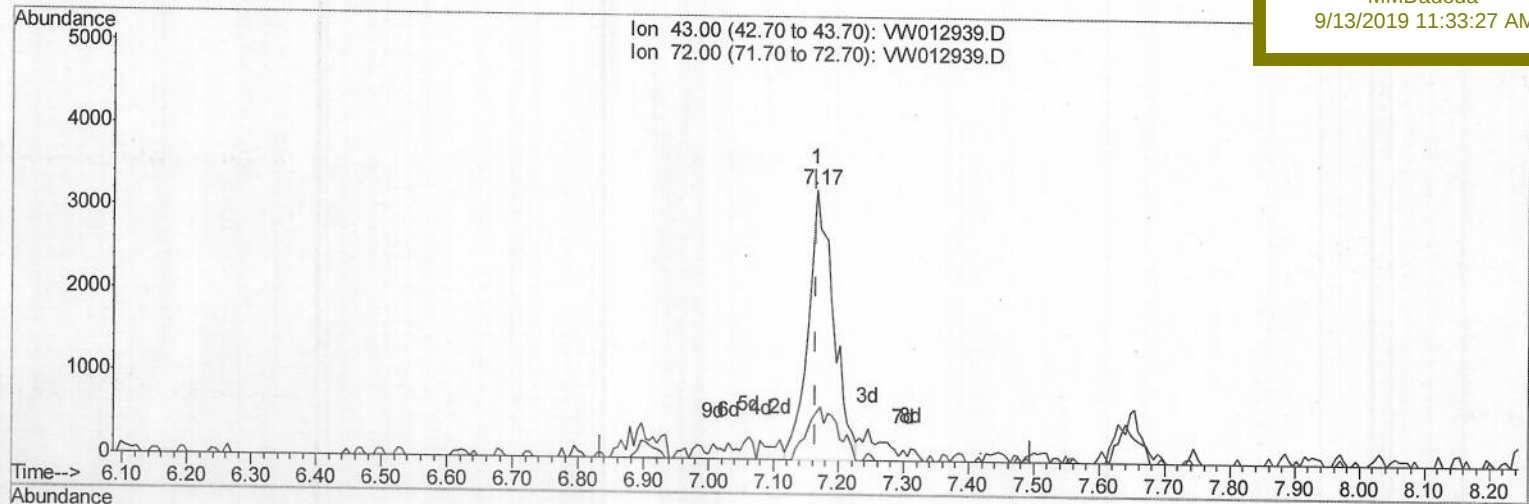
ETOG4

Manual Integrations

APPROVED

MMDadoda

9/13/2019 11:33:27 AM



(21) 2-Butanone

7.165min (+0.000) 5.32ug/L m > MD 09/16/19

response 8809

Ion	Exp%	Act%
43.00	100	100
72.00	25.40	13.03
0.00	0.00	0.00
0.00	0.00	0.00

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
ETOG4

Quant Time: Sep 13 03:47:53 2019
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Manual Integrations
APPROVED

MMDadoda
9/13/2019 11:33:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	388030	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	309633	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	109151	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	88415	22.66	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.64%		
7) Chloroethane-d5	2.89	69	71464	22.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.04%		
10) 1,1-Dichloroethene-d2	4.01	63	149030	15.97	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	63.88%		
20) 2-Butanone-d5	7.07	46	77955	53.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.84%		
24) Chloroform-d	7.65	84	214809	21.89	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.56%		
26) 1,2-Dichloroethane-d4	8.31	65	121615	23.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.80%		
29) Benzene-d6	8.27	84	391143	24.76	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.04%		
33) 1,2-Dichloropropane-d6	9.27	67	131653	25.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.96%		
37) Toluene-d8	10.32	98	349993	23.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.08%		
38) trans-1,3-Dichloropropene-	10.57	79	52346	22.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.12%		
39) 2-Hexanone-d5	10.92	63	54971	55.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.72%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100768	25.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.40%		
61) 1,2-Dichlorobenzene-d4	13.85	152	98636	23.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.92%		

Target Compounds

					Qvalue
13) Acetone	4.12	43	29714	23.629 ug/L	98
16) Methylene chloride	4.91	84	12069	2.278 ug/L	96
21) 2-Butanone	7.17	43	8809m	5.317 ug/L	

g M
09/16/19

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